

Village of Mukwonago
Notice of Meeting and Agenda

REGULAR VILLAGE BOARD MEETING
Wednesday, February 16, 2022

Time: **6:30 pm**

Place: **Mukwonago Municipal Building/ Board Room, 440 River Crest Court,
Mukwonago, WI 53149**

1. Call to Order

2. Roll Call

3. Pledge of Allegiance

4. Comments from the Public

The Public Comment Session shall last no longer than fifteen (15) minutes and individual presentations are limited to three (3) minutes per speaker. These time limits may be extended at the discretion of the Chief Presiding Officer. The Village Board may have limited discussion on the information received, however, no action will be taken on issues raised during the Public Comment Session unless they are otherwise on the Agenda for that meeting. Public comments should be addressed to the Village Board as a body. Presentations shall not deal in personalities personal attacks on members of the Village Board, the applicant for any project or Village employees. Comments, questions and concerns should be presented in a respectful professional manner. Any questions to an individual member of the Commission or Staff will be deemed out of order by the Presiding Officer.

5. Public Hearings

All persons interested in making comments about any of the public hearing items will be heard. Formal petitions and written comments regarding any of the public hearing items may be submitted tonight. During the public hearing(s), if you wish to be heard, the Village Board asks that you begin by stating your name and address, speak for no more than three minutes and attempt to avoid duplication. Each person speaking at the public hearing must sign the Public Hearing Appearance sign-in sheet before speaking. The sign-in sheet is available on the table located in the back of the room.

- 5.1 Public Hearing for consideration of zoning text changes to repeal and recreate Division 7 Floodplain District and Standards as required by the Wisconsin Department of Natural Resources and Federal Insurance and Mitigation Administration to allow the Village of Mukwonago to continue eligibility in the National Flood Insurance Program.

[Public Hearing Notice Zoning Text 100-271 to 281 - PH 02-16-2022.pdf](#)

- 5.2 Public Hearing for consideration of zoning text changes for modification of standards and approval process for solar panels within the Village of Mukwonago.

[Public Hearing Notice Zoning Text Solar Panels.pdf](#)

6. Consent Agenda

All items listed are considered routine and/or have been unanimously recommended by the Committee of the Whole and will be enacted by one motion. There will be no separate discussion of these items unless a Board member so requests, in which event the item will be removed from the Consent agenda and be considered on the regular agenda.

- 6.1 Approve minutes of the Village Board Meeting of January 19, 2022.
[2022-01-19 VB Draft Minutes](#)
- 6.2 Approve the wayfinding signage rankings and list of public facilities to be identified.
[VB Memo - Community Facilities to be identified on Wayfinding Signage - 1-27-2022.pdf](#)
- 6.3 Approve Accounts Payable Vouchers in the Amount of \$4,553,202.92
[20220202 VB COW Packet.pdf](#)
- 6.4 Approve a First Amendment to Assignment of Offer to Purchase for 301 W. Main Street and E Love Coffee, LLC to extend the deadline for construction improvements.
[Cover Report Amendment to agreement 1-27-2022](#)
[301 Amendment to Assign.pdf](#)
- 6.5 Approve the service agreement with MSA for the Village of Mukwonago (CORP) Comprehensive Outdoor Recreation Plan update in the amount of \$13,000, pending Village Attorney Review.
[CORP Cover Report](#)
[08352005 Mukwonago CORP Update PSA_update 02032022.pdf](#)
- 6.6 Approve **Ordinance 1003** An Ordinance to amend Section 45-118 Easements to create section (c) regarding village owned easements.
[Cover Report - Easement Ordinance 45-118 Subsection \(c\)](#)
[ORDINANCE 1003 \(create c under 45.118 re license on easement\)](#)
- 6.7 Approve **Resolution 2022-15** a resolution to approve a Letter of Credit Reduction for Box Self Storage Development to \$79,998, as recommended by Ruekert-Mielke.
[RESOLUTION 2022-15 \(LOC Reduction Box Self Storage #3\)](#)
[Exhibit A Box Self Storage Letter of Credit Reduction #3](#)
- 6.8 Approval to award Water Well Solutions Wisconsin, LLC the 2022 Well No. 6 Improvements Project contract in the amount of \$38,050.00.
[Recommendation of Award Well 6.pdf](#)
- 6.9 Approve Task Order No. 2022-01 from Ruekert Mielke, Inc. for the engineering related services of Rochester Street Sanitary Sewer and Water Main Relay – 60% Plans project in the amount of \$30,215.
[2022-01-Rochester Street Sanitary Sewer and Water Main Relay Task Order.pdf](#)
- 6.10 Approve Task Order No. 2022-03 from Ruekert Mielke, Inc. for the engineering related services of Holz Parkway & Miniwaukan Park Pond Dredging project in the amount of \$35,475.
[2022-03-Holz Parkway Miniwaukan Park Pond Dredging Task Order.pdf](#)
- 6.11 Approve a purchase requisition for Annual Sanitary Sewer Televising with The Expeditors, Inc., in the amount of \$14,560

- 6.12 Approve a purchase requisition for a 2022 Water Utility Truck Purchase in the amount of \$68,808
[2022 RAM Promaster 3500](#)

7. Other Items for Approval

Other items removed from Consent Agenda which were not unanimously approved from the Committee of the Whole.

- 7.1 Discussion and possible action to approve an amendment to **Ordinance 1004 Section 86 Sewer Utilities** to provide various updates to the Sewer Utilities Chapter in the Municipal Code.
[Cover Report 2022 Sewer Ordinance Update](#)
[ORDINANCE 1004 \(Amend Sect 86 Sewer Utilities\)](#)
[EX A - SUO Update-2021 Revised Version-20220124](#)
- 7.2 Discussion and possible action to approve the purchase and installation of temporary bump outs on N. Rochester St., at Lake St. and 215 N. Rochester.
[Cover Report - Temporary Bump Outs](#)
[12-10157 Rochester Street.pdf](#)
- 7.3 Discussion and possible action to approve the purchase and payment for the Atkinson Lift Station - Sewer Utility Easement at 210 Shore Drive in the amount of \$8,250
[2022 Atkinson LS Easement Purchase Agreement](#)
[ATKINSON LS EASEMENT EXHIBIT.pdf](#)

8. Planning Commission Recommendations

Discussion and possible action on the following Plan Commission Recommendations

- 8.1 Discussion and possible action to approve **RESOLUTION 2022-12** to approve a Site Plan and Architectural Review for solar panels for Alexandria Lescher, applicant, 1248 Riverton Dr; MUKV 1965-040-001, as recommended by the Plan Commission.
[SPAR - Staff Report - 1248 Riverton - Solar Panels w attachments.pdf](#)
[RESOLUTION 2022-12 SPAR - 1248 Riverton - Solar Pannels.pdf](#)
- 8.2 Discussion and possible action to approve **RESOLUTION 2022-11** to approve a Site Plan and Architectural Review for solar panels for James L Wagnitz applicant, 1222 Riverton Dr; MUKV 1965-052, as recommended by the Plan Commission.
[SPAR - Staff Report - 1222 Riverton - Solar Panels - w attachments.pdf](#)
[RESOLUTION 2022-11 SPAR - 1222 Riverton - Solar Pannels.pdf](#)
- 8.3 Discussion and possible action to approve **RESOLUTION 2022-10** for a Site Plan and Architectural Review for solar panels for Jeremy Stengel applicant, 637 August Drive, MUKV 1978-052, as recommended by the Plan Commission.
[Staff Report -SPAR - 637 August Drive - Solar Panels.pdf](#)
[RESOLUTION 2022-10 SPAR - 637 August Drive - Solar Panels.pdf](#)

- 8.4 Discussion and possible action to approve **RESOLUTION 2022-09** for a Site Plan and Architectural Review for solar panels for David S Schultz applicant, 512 West Lawn, MUKV 1960-105, as recommended by the Plan Commission.
[SPAR - Staff Report - 512 Westlawn - Solar Panels - w attachments.pdf](#)
[RESOLUTION 2022-09 SPAR - 512 Westlawn - Solar Panels.pdf](#)
- 8.5 Discussion and possible action to approve **RESOLUTION 2022-13** for an extraterritorial 2 lot Certified Survey Map drafted on January 7, 2022 by Jeffery A. Nipple subject to documentation of the Town Board approval, TM Highview LLC, applicant; Parcel Number MUKT 1952-998, as recommended by the Plan Commission.
[Staff Report - ETR CSM -TM Highview LLC - MUKT 1952-998.pdf](#)
[RESOLUTION 2022-13 ETR CSM - TM Highview LLC - MUKT 1952998.pdf](#)
- 8.6 Discussion and possible action to approve **ORDINANCE 999** to amend the Zoning Map of the Village of Mukwonago for multiple properties and addresses to provide consistency between the use and the zoning map, as recommended by the Plan Commission.
[Staff Report - Ordinance - Zoning Code Update.pdf](#)
[ORDINANCE 999 Amend Zoning Map Multiple - Multipl TMS#.pdf](#)
- 8.7 Discussion and possible action to approve **ORDINANCE 1000** to amend the Zoning Code related to solar panels in multiple zoning districts within the Village of Mukwonago, as recommended by the Plan Commission.
[Staff Report - Ordinance Solar Panels.pdf](#)
[ORDINANCE 1000 - Solar Panels as amended dd 02-10-22](#)
- 8.8 Discussion and possible action to approve **ORDINANCE 1001** to Amend the Comprehensive Plan (Minor) for Parcels #VM00029 and MUKV 2011985, as recommended by the Plan Commission.
[Staff Report - PC Res - VB Ord - Minor Land Use Plan Update.pdf](#)
[PC-RESOLUTION 2022-01 Recommending Comprehensive Plan Revisions - Signed.pdf](#)
[ORDINANCE 1001 -Amend Land Use Plan Multiple - minor.pdf](#)
- 8.9 Discussion and possible action to approve **ORDINANCE 1002** to repeal and recreate Chapter 100, Division 7, Floodplain District and Standards (Sections 100-271 through 100-281) of Municipal Code village of Mukwonago, as recommended by the Plan Commission.
[Staff Report - Ordinance - Chap 100 Div 7 -Flood.pdf](#)
[ORDINANCE 1002 - Repeal and Recreate.pdf](#)

9. Finance Committee, Trustee Meiners

Discussion and possible action on the following items

- 9.1 Discussion and possible action to approve the Purchase Requisition from Ewald Motors for (3) police squads in the amount of \$119,796.
[Purchase Requisition - Ewald PD Squads.pdf](#)

- 9.2 Discussion and possible action to approve Accounts Payable Vouchers in the amount of \$263,863.81
[20220216 VB AP Packet.pdf](#)

10. Public Works Committee, Trustee Brill

Discussion and possible action on the following items

- 10.1 Discussion and possible action to approve **Resolution 2022-14** A Resolution Regarding Utilizing of Village Lands for STH83 Corridor Improvements.
[RESOLUTION 2022-14 STH83 Corridor Improvements.pdf](#)

11. Protective Services, Trustee Adler

Discussion and possible action on the following items

- 11.1 Police Report for the month of January 2022 *(for information only, no action required)*
[Monthly Report January 2022](#)

12. Village President

- 12.1 Appointment of Legal Counsel for the Village of Mukwonago
[Village Attorney Appointment.pdf](#)

- 12.2 Discussion and possible action to authorize the Village Administrator to enter into a contract for Community Planning Services for the Village of Mukwonago.

13. Closed Session

Closed Session pursuant to **Wis. Stats § 19.85 (1) (g)** (Conferring with legal counsel who either orally or in writing will advise governmental body on strategy to be adopted with respect to current or likely litigation) concerning GFLP v Village of Mukwonago, and possible liquidated damages with J.H. Hassinger, and pursuant to **Wis. Stats. § 19.85(1)(e)** (Deliberating or negotiating the purchasing of public properties, the investing of public funds, or conducting other specified public business, whenever competitive or bargaining reasons require a closed session) for negotiation for STH83 Right of Way land acquisition.

14. Reconvene into Open Session

Motion to reconvene into open session pursuant to Wis. Stats. §19.85(2) for possible discussion and/or action concerning any matter discussed in closed session

- 14.1 Discussion and possible action to approve Offering Price Reports regarding STH83 land acquisition.

15. Adjournment

It is possible that a quorum of, members of other governmental bodies of the municipality may be in attendance at the above stated

meeting to gather information. No action will be taken by any governmental body at the above stated meeting other than the governmental body specifically referred to above in this notice. Please note, upon reasonable notice, efforts will be made to accommodate the needs of individuals with disabilities through appropriate aids and services. For additional information or to request this service, contact the Municipal Clerk's Office, (262) 363-6420.

**NOTICE OF PUBLIC HEARING BEFORE THE VILLAGE OF MUKWONAGO
VILLAGE BOARD TO CONSIDER ZONING TEXT CHANGES TO REPEAL AND THE
RECREATE DIVISION 7 FLOODPLAIN DISTRICT AND STANDARDS (SECTIONS
100-271 THROUGH 100-281) OF MUNICIPAL CODE OF THE VILLAGE OF
MUKWONAGO WAUKESHA AND WALWORTH COUNTIES**

Please take notice there will be a public hearing before the Village of Mukwonago Village Board in the Board Room of the Village Hall, 440 River Crest Court, Mukwonago, Waukesha and Walworth Counties, on February 16, 2022, commencing at 6:30 P.M. or soon thereafter to consider the following matter:

REGARDING: Consideration of zoning text changes to repeal and recreate Division 7 Floodplain District and Standards as required by the Wisconsin Department of Natural Resources and Federal insurance and Mitigation Administration to allow the Village of Mukwonago to continue eligibility in in the National Flood Insurance Program.

All interested parties will be heard. Written comments will be accepted up to the time of the hearing. The proposal may be viewed at Village Hall, 440 River Crest Court, Mukwonago, WI during business hours. Contact John Fellows, AICP, Village Planner at (262) 363-6420 x. 2111, or at jfellows@villageofmukwonago.com.

Diana Dykstra, Clerk-Treasurer

To be published: January 26th 2022 and February 2nd 2022.

**NOTICE OF PUBLIC HEARING BEFORE THE VILLAGE OF MUKWONAGO
VILLAGE BOARD TO CONSIDER ZONING TEXT CHANGES RELATED TO SOLAR
PANELS IN MULTIPLE ZONING DISTRICTS WITHIN THE VILLAGE OF
MUKWONAGO WAUKESHA AND WALWORTH COUNTIES**

Please take notice there will be a public hearing before the Village of Mukwonago Village Board in the Board Room of the Village Hall, 440 River Crest Court, Mukwonago, Waukesha and Walworth Counties, on February 16, 2022, commencing at 6:30 P.M. or soon thereafter to consider the following matter:

REGARDING: Consideration of zoning text changes for modification of standards and approval process for solar panels within the A-1 agricultural district, R-1 single family medium lot residential district, R-2 single family historical lot residential district, R-3 single family small lot residential district, R-7 single family intermediate lot residential district, R-8 single family executive larger lot residential district, R-9 single family rural residential district, R-5 low density multifamily residential district, B-4 commercial business district, an B-5 planning business and light industrial development district, R-10 medium density multi-family residential district, and R-15 high density multi-family residential district.

All interested parties will be heard. Written comments will be accepted up to the time of the hearing. The proposal may be viewed at Village Hall, 440 River Crest Court, Mukwonago, WI during business hours. Contact John Fellows, AICP, Village Planner at (262) 363-6420 x. 2111, or at jfellows@villageofmukwonago.com.

Diana Dykstra, Clerk-Treasurer

To be published: January 26th 2022 and February 2nd 2022.

MINUTES OF THE VILLAGE BOARD OF TRUSTEES MEETING Wednesday, January 19, 2022

Time: 6:30 pm

Place: Mukwonago Municipal Building/ Board Room, 440 River Crest Court,
Mukwonago, WI 53149

Call to Order

President Winchowky called the meeting to order at 6:30pm.

Roll Call

Board Members Present

Daniel Adler
Eric Brill
Jim Decker
John Meiners
Roger Walsh
Fred Winchowky

Also Present

Fred Schnook, Village Administrator
Diana Dykstra, Village Clerk-Treasurer
Diana Doherty, Finance Director
John Fellows, Village Planner
Dan Streit, Police Chief
Jerad Wegner, Village Engineer
Mark Blum, Village Attorney
Ron Bittner, Public Works Director
Wayne Castle, Utilities Director
Tim Rutenbeck, Building Inspections Supervisor

Excused

Darlene Johnson

Pledge of Allegiance

Comments from the Public

None.

Consent Agenda *All items listed are considered routine and/or have been unanimously recommended by the Committee of the Whole and will be enacted by one motion. There will be no separate discussion of these items unless a Board member so requests, in which event the item will be removed from the Consent agenda and be considered on the regular agenda.*

- 5.1 Approve Minutes of the Village Board Meeting of December 15, 2021 and Special Village Board Meeting of January 5, 2022.
- 5.2 Approve Accounts Payable Vouchers in the amount of \$1,148,259.56
- 5.3 Approve Original Combination Class B Fermented Malt Beverage and Class B Intoxicating Liquor license application for Sandy's Miller Time, LLC 701 Main Street, Mukwonago, Brian Anspach, Agent. *(This is a current licensed establishment changing to a limited liability company requiring re-approval.)*
- 5.4 Approve participation in the Waukesha County Adopt-a-Drain program.

Decker/Meiners motion to approve consent agenda items 5.1 to 5.4. Unanimously carried.

Other Items for Approval

Other items removed from Consent Agenda which were not unanimously approved from the Committee of the Whole.

Discussion and possible action to approve banner designs for the downtown area and design template for promotional events.

Adler/Walsh motion to approve banner designs for the downtown area and design template for promotional events.

Roll Call: "Yes" Trustee Adler, Brill, Meiners, Walsh, and Winchowky. "No" Trustee Decker.
Motion carried 5-1.

Discussion and possible action to approve the selection of the primary color Green for Village Signage, including wayfinding signs, entry signs, identification signs and similar.

Adler/Meiners motion to approve the selection of the primary color Green for Village Signage, including wayfinding signs, entry signs, identification signs and similar.

Roll Call: "Yes" Trustee Adler, Brill, Meiners, Walsh, and Winchowky. "No" Trustee Decker.
Motion carried 5-1.

Public Hearings

Public Hearing to consider Zoning District Boundary Change (a/ka/ Rezoning) from B-2 General Business to B-2 General Business/BMX - Business Mixed Use Overlay.

President Winchowky opened the Public Hearing. No one was present to comment.
Public Hearing closed at 6:35pm.

Planning Commission Recommendations

Discussion and possible action to approve RESOLUTION 2022-01 for Outdoor Dinning with food and drink service with a permitted or conditional use for Bee Well Café, (Calaya Nelson), applicant; 100 Main Street, Suite 1, Parcel MUKV 1976-109-001.

Decker/Brill motion to approve RESOLUTION 2022-01 for Outdoor Dinning with food and drink service with a permitted or conditional use for Bee Well Café, (Calaya Nelson), applicant; 100 Main Street, Suite 1, Parcel MUKV 1976-109-001.

Trustee Walsh questioned this includes three tables and few chairs and asked if other tenants extend seating would they go through the same process. It was confirmed by Planner Fellows they would. Unanimously carried.

Discussion and possible action to approve RESOLUTION 2022-02 to approve a Site Plan and Architectural Review (SPAR) for a Outdoor Dinning for Bee Well Café, (Calaya Nelson) applicant; 100 Main Street, Suite 1; Parcel MUKV 1976-109-001.

Decker/Meiners motion to approve RESOLUTION 2022-02 to approve a Site Plan and Architectural Review (SPAR) for a Outdoor Dinning for Bee Well Café, (Calaya Nelson) applicant; 100 Main Street, Suite 1; Parcel MUKV 1976-109-001.

Trustee Decker questioned if this was to be sure the furniture would be heavy enough not to blow around. It was noted the Resolution was amended to include that information.
Unanimously carried

Discussion and possible action to approve RESOLUTION 2022- 03 to approve a Site Plan and Architectural Review for solar panels for Marvin Smith, applicant; 410 Shore Drive; Parcel MUKV 1976-034.

Decker/Walsh approve **RESOLUTION 2022- 03** to approve a Site Plan and Architectural Review for solar panels for Marvin Smith, applicant; 410 Shore Drive; Parcel MUKV 1976-034. Trustee Walsh confirmed there has been discussion about updating the code. Planner Fellows confirmed the code is being updated on solar panels which is for plan commission review Unanimously carried.

Discussion and possible action to approve RESOLUTION 2022-04 to approve a Site Plan and Architectural Review for solar panels for Michael J Laufenberg, applicant; 626 Oakland Ave; Parcel MUKV 1970-995

Decker/Brill motion to approve **RESOLUTION 2022-04** to approve a Site Plan and Architectural Review for solar panels for Michael J Laufenberg, applicant; 626 Oakland Ave; Parcel MUKV 1970-995. Unanimously carried.

Discussion and possible action to approve RESOLUTION 2022-05 to approve a Site Plan and Architectural Review for site improvements for Harjinder Khasria/Village Pumper, applicant; 710 and 712 Main Street; Parcel MUKV 1976-208-001.

Decker/Brill motion to approve **RESOLUTION 2022-05** to approve a Site Plan and Architectural Review for site improvements for Harjinder Khasria/Village Pumper, applicant; 710 and 712 Main Street; Parcel MUKV 1976-208-001. Unanimously carried.

Discussion and possible action to approve RESOLUTION 2022-06 to approve a Site Plan and Architectural Review for an out door cooler and dumpster coral modification for Kwik Trip, Inc.; 1220 N Rochester St; Parcel MUKV 1962-993-001

Decker/Meiners motion to approve **RESOLUTION 2022-06** to approve a Site Plan and Architectural Review for an out door cooler and dumpster coral modification for Kwik Trip, Inc.; 1220 N Rochester St; Parcel MUKV 1962-993-001. Unanimously carried

Discussion and possible action on ORDINANCE 998 to approve a Zoning Map Amendment for Vlaznim Islami aka Viktor Islami Sani Islami for 927 S Main Street and Unnamed S Main Street; Parcels MUKV 2009-964-004 and MUKV 2009-964-001.

Decker/Meiners motion to approve **ORDINANCE 998** to approve a Zoning Map Amendment for Vlaznim Islami aka Viktor Islami Sani Islami for 927 S Main Street and Unnamed S Main Street; Parcels MUKV 2009-964-004 and MUKV 2009-964-001. Unanimously carried.

Discussion and possible action on RESOLUTION 2022- 07 to approve Site Plan and Architectural Review for Vlaznim Islami aka Viktor Islami Sani Islami for 927 S Main Street and Unnamed S Main Street; Parcels MUKV 2009-964-004 and MUKV 2009-964-001.

Decker/Meiners motion to approve **RESOLUTION 2022- 07** to approve Site Plan and Architectural Review for Vlaznim Islami aka Viktor Islami Sani Islami for 927 S Main Street and Unnamed S Main Street; Parcels MUKV 2009-964-004 and MUKV 2009-964-001.

Trustee Walsh questioned if this SPAR is this contingent or subject to public financing from the Village. Planner Fellows noted this is purely a land use approval. This has nothing to do with financing and the village board did recommend to staff to work with third party consultant and feasibility study in the TID would be paid for by the property owners and only one property owners have signed it. If this goes through the approval and they decide not to seek funding they can follow through with private funding. They will require additional steps for a general development plan, a CSM, require an easement for fire and sewer access and corresponding easement, and enter into trail agreement, and a SWMA plan. It was also noted street parking will be shared and they have asked for a reduction in the parking spaces on the property.

Planner Fellows noted the reduction is aligned with the development. The plan is to use on street parking to reduce the number of parking spaces on site. Trustee Meiners confirmed all contingencies are included.

Trustee Brill noted the parking is described when they will be used and the times needed due to the hours of the restaurant and he wanted to make sure it is covered. If they open for dinner again, they would need to be sure to review this for additional parking needs.

Planner Fellows would recommend additional language if they feel strongly that current operation consist of breakfast and dinner and anything changing they would need to come back to the Village to review.

Attorney Blum noted if you require this it needs to be part of resolution and plan of operation.

If there is a change to the plan of operation as submitted, they need to return.

Decker/Meiners agree to amend motion that if there is a desire to change the plan of operation such that the hours of operation are changed, the plan of operation would need to be approved by the Village to ensure that it does not adversely impact parking on the site and in the area. Unanimously carried.

Finance Committee, Trustee Meiners

Discussion and possible action to approve Accounts Payable Vouchers in the amount of \$513,860.88.

Meiners/Brill motion to approve Accounts Payable Vouchers in the amount of \$513,860.88. Unanimously carried.

Discussion and possible action to approve the Economic Development Cooperation Contract between Waukesha County Center for Growth, Inc and the Village of Mukwonago in the amount of \$6,414.

Meiners/Decker motion to approve the Economic Development Cooperation Contract between Waukesha County Center for Growth, Inc and the Village of Mukwonago in the amount of \$6,414. Unanimously carried.

Discussion and possible action to approve Resolution 2022-08 a Resolution to limit property tax refunds based on the amount of overpayment.

Meiners/Decker motion to approve Resolution 2022-08 a Resolution to limit property tax refunds based on the amount of overpayment. Unanimously carried.

Discussion and possible action to approve a contract Service Agreement with Humane Animal Welfare Society of Waukesha County "HAWS" for 2022-2024 in the amount of \$2,420.

Meiners/Decker motion to approve a contract Service Agreement with Humane Animal Welfare Society of Waukesha County "HAWS" for 2022-2024 in the amount of \$2,420. Unanimously carried

Judicial Committee, Trustee Walsh

Discussion and possible action to approve a Temporary Class B Retailer's License Application from Knights of Columbus Game Night on February 18, 2022.

Walsh/Brill motion to approve a Temporary Class B Retailer's License Application from Knights of Columbus for Game Night on February 18, 2022. Unanimously carried.

Protective Services, Trustee Adler

Monthly Police Report for December 2021. *(For information only, no action required)*

Closed session

Decker/Meiners motion to go into Closed session pursuant to **Wis. Stats § 19.85 (1) (g)** (Conferring with legal counsel who either orally or in writing will advise governmental body on strategy to be adopted with respect to current or likely litigation) concerning concerning GFLP v Village of Mukwonago and regarding liquidated damages with JH Hassinger.
Roll Call: "Yes" Truste Adler, Brill, Decker, Meiners, Walsh, and Winchowky. Unanimously carried.

Reconvene into Open Session

Decker/Meiners motion to reconvene into open session pursuant to Wis. Stats. §19.85(2).
Roll Call: "Yes" Truste Adler, Brill, Decker, Meiners, Walsh, and Winchowky. Unanimously carried.

Adjournment

Meeting Adjourned at 7:41pm.

Respectfully Submitted,

/s/ Diana Dykstra, MMC
Village Clerk-Treasurer



Village of Mukwonago

440 River Crest Court, Mukwonago, Wisconsin 53149
www.villageofmukwonago.com | (262) 363-6420 | Fax: (262)363-6425

To: Village Board
From: John S. Fellows, Community Planner
Regarding: Community Facilities to be identified on Wayfinding Signage
Date: January 27, 2022

Village Board,

This memo is intended to introduce the discussion of what community facilities within Mukwonago will be identified on the wayfinding signage.

Committee of the Whole Action 1-2022

The committee of the whole recommended staff

1. to bring the list of locations to the Downtown Committee and
2. provide specific examples of possible sign locations with those items that would be identified.

Downtown Development Committee

The Downtown Development Committee reviewed the list of recommended locations with regard to priority as well as had the following comments:

The committee requested staff look into the following:

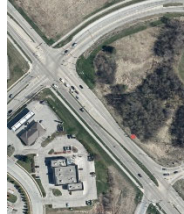
- The priority rankings were listed correctly
- Adding the Beach to the list of items
- Removing Clarendon Elementary School -since the other schools would not be listed as they are not in the Village.
- Remove the words Parkview and just state Middle School to keep the language clearer.
- Work with the design professionals to see if specific icons could be added to the signs, such as Hospital, Parking, Library, etc.
- The Committee was also concerned that there were not pedestrian scaled wayfinding signs yet considered. We discussed the planned kiosk, we also discussed the idea of pedestrian scaled wayfinding signs through this discussion the idea of one or two totem pole style directional signs was preferred. This totem pole might only list public locations, but the committee thought that public and business would be helpful for pedestrians when navigating and such as sign could be supported by a combination of private and public funding. Staff will discuss the concept with the consultant and Public Works staff.
- The committee also discussed the idea of the temporary poles to save cost in the long run. These poles would be similar to what the village currently uses for stop signs, etc., however they would be painted black. The committee though that a round pole that had a base that could be bolted would look better in the short term. Staff will discuss the concept with the consultant and Public Works staff.

Wayfinding Signage Example:

The consultant provided staff with a map and list of possible locations and what information would be provided on each sign. Planning and Public Works staff reviewed this draft list. Below are five examples: (LARGER MAPS ARE ATTACHED)

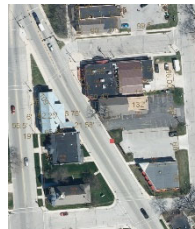
Example One: HWY 83 - North bound - between US43 off ramp and Holz Parkway

Downtown	↑
Police Station	↑
Miniwaukan Park	→
Performance Stage	←
Village Hall	←



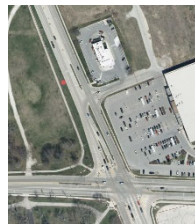
Example Two: HWY 83 - North Bound - between Henry and Atkinson

Field Park	↑
High School	↑
Library	↑
Public Parking	→
Tourism Center	→



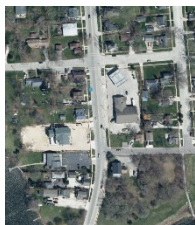
Example Three: HWY 83 - Southbound - before intersection of Veterans

Downtown	↑
Field Park	↑
High School	→
Middle School	↑
Library	↑



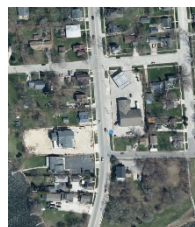
Example Four: Main Street – South Bound – between Andrews and Front Street

Village Hall	↑
Performance Stage	↑
Beach	↑
Police	←



Example Five: Main Street – North Bound – between Andrews and Front Street

Downtown	↑
Field Park	↑
High School	↑
Boat Launch	←



Updated (based upon DDC recommendation) List of Places to be included on Wayfinding Signage:

The following is a list of public locations recommended to be identified on the wayfinding signage.

Destination	Verbiage on Sign	Category	Wayfinding Priority
Downtown	Downtown	Municipal	1
Mukwonago High School	High School	School	1
Mukwonago Business Park (old)	Mukwonago Business Park	Municipal	1
Industrial Park (unnamed)	???	Municipal	1
Hospital	Hospital	Public Safety	1
Field Park	Field Park	Park	1
Performance Stage	Performance Stage	Park	1
Miniwaukan Park	Miniwaukan Park	Park	1
Village Hall	Village Hall	Municipal	2
Police Station	Police	Municipal	2
Post Office	Post Office	Municipal	2
Library	Library	Municipal	2
Parkview Middle School	Parkview Middle School	School	2
Claredon Avenue Elementary	Claredon Elementary School	School	2
Indianhead Park	Indianhead Park	Park	2
Minor Park	Minor Park	Park	2
Rosewood Park	Rosewood Park	Park	2
Phantom Glen Park	Phantom Glen Park	Park	2
Tourism Center	Tourism Center	Municipal	3
Red Brick Museum	Red Brick Museum	Museum	3
Municipal Court	Municipal Court	Municipal	3
Fire Station	Fire Station	Municipal	3
Canoe Launch	Canoe Launch	Park	3
Washington Ave Park	Washington Ave Park	Park	3
Plank Road Parking Lot	Public Parking	Parking	3
Atkinson Street Parking Lot	Public Parking	Parking	3
Beach	Beach	Municipal	4
Boat Launch	Boat Launch	Park	4

Recommendations – Next Steps:

Staff recommends that the Village Board provide direction to staff to move forward with the above noted modified list of locations, work with the consultant to address the topics from the Downtown Development Committee (icons, poles, totem sign, etc.) and continue to move the project forward.



Village of Mukwonago GIS

HWY 83 - North bound - between US43 off ramp and Holz
Parkway

DISCLAIMER: The Village of Mukwonago does not guarantee the accuracy
of the material contained here in and is not responsible for any misuse or
misrepresentation of this information or its derivatives.



SCALE: 1" = 100'

VILLAGE OF MUKWONAGO

440 River Crest Court

PO Box 206

Mukwonago, WI 53149

262-363-6420

Print Date: 1/27/2022



Village of Mukwonago GIS

HWY 83 - North Bound - between Henry and Atkinson

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SCALE: 1" = 50'

VILLAGE OF MUKWONAGO

440 River Crest Court

PO Box 206

Mukwonago, WI 53149

262-363-6420

Print Date: 1/27/2022



Village of Mukwonago GIS

HWY 83 - Southbound - before intersection of Veterans

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SCALE: 1" = 100'

VILLAGE OF MUKWONAGO

440 River Crest Court

PO Box 206

Mukwonago, WI 53149

262-363-6420

Print Date: 1/27/2022



Village of Mukwonago GIS

Main Street – South Bound – between Andrews and Front Street

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SCALE: 1" = 100'

VILLAGE OF MUKWONAGO

440 River Crest Court

PO Box 206

Mukwonago, WI 53149

262-363-6420

Print Date: 1/27/2022



Village of Mukwonago GIS

Example Five: Main Street – North Bound – between Andrews and Front Street

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SCALE: 1" = 100'

VILLAGE OF MUKWONAGO

440 River Crest Court

PO Box 206

Mukwonago, WI 53149

262-363-6420

Print Date: 1/27/2022

Accounts Payable Cover Sheet

Report:	Period or corresponding report date		
Village Accounts Payable	1/27/2022	\$	620,073.85
Library Accounts Payable	1/14/2022	\$	36,578.85
Charter Communications/Spectrum (ach withdrawal)	1/26/2022	\$	2,123.52
US Bank (ach withdrawal)	1/26/2022	\$	12,484.68
We Energies (ach withdrawal)	1/19/2022	\$	46,043.89
Check Disbursement - Court	1/11/2022	\$	3,979.68
Check Disbursement - Hales Corners Warrant	12/29/2021	\$	124.00
Check Disbursement - Racine Warrant	1/19/2022	\$	1,035.00
Check Disbursement -Invoice Cloud, Quarterly Tax, Tax Refund Reissue	1/19/2022	\$	2,086.89
Check Disbursement - Education Tax Settlement	1/13/2022	\$	3,527,911.43
Check Disbursement - Insurance Services and Utility Bills	1/20/2022	\$	61,867.84
Check Disbursement - Payroll Related	1/5/2022	\$	6,937.09
Check Disbursement - Payroll Related	1/11/2022	\$	15,000.00
Check Disbursement - Payroll Related	1/21/2022	\$	84,727.32
Check Disbursement - Payroll Related	1/26/2022	\$	2,082.41
Check Disbursement - Payroll Related	1/27/2022	\$	59,839.96
Check Disbursement - Tax Refund Checks	1/14/2022	\$	26,818.28
Check Disbursement - Tax Refund Checks	1/26/2022	\$	43,488.23
Total for Approval:		\$	<u>4,553,202.92</u>

The preceding list of bills payable was approved for payment

Date: _____

Approved by: _____

01/27/2022 01:56 PM
User: MROCKLEY
DB: Mukwonago

PENDING VILLAGE BOARD REVIEW FOR MUKWONAGO
EXP CHECK RUN DATES 02/03/2022 - 02/03/2022
BOTH JOURNALIZED AND UNJOURNALIZED OPEN AND PAID
BANK CODE: GEN - CHECK TYPE: PAPER CHECK

Page: 1/10

INVOICE NUMBER	DESCRIPTION	DISTRIBUTIONS\AMOUNTS		AMOUNT	APPROVAL DEPARTMENT	POST DATE
VENDOR NAME: AIRGAS USA LLC						
9985096299	OXYGEN SUPPLIES	150-5231-531100	430.78	430.78	FIRE	12/31/2021
9121577239	EMS SUPPLIES	150-5231-531100	836.41	836.41	FIRE	02/03/2022
TOTAL VENDOR AIRGAS USA LLC				1,267.19		
VENDOR NAME: ALSCO						
IMIL1764417	MAT CLEANING SERVICE	100-5211-539400	53.01	53.01	POLICE	02/03/2022
IMIL1766651	VH WALKOFF MATS	100-5160-521900	48.67	48.67	DPW	02/03/2022
TOTAL VENDOR ALSCO				101.68		
VENDOR NAME: AMAZON CAPITOL SERVICES						
1JDHQCHVXCH9	WWTF COPIER PAPER	610-6920-692100	59.00	59.00	UTILITIES	02/03/2022
16P1G7L9WJFF	WATER DESK ORGANIZER	610-6920-692100	27.99	27.99	UTILITIES	02/03/2022
17VXH73W1DDG	AVERY TABS FOR NEW OFFICIALS BINDERS	100-5142-531100	37.98	37.98	CLERK	02/03/2022
1PYQH3HVVY4D	COMPUTER SPEAKERS	100-5141-531100	44.99	44.99	ADMIN	02/03/2022
1TXH3RRKVKT9	OFFICE SUPPLIES	100-5141-531100	115.04	115.04	ADMIN	02/03/2022
1TXQKQCV3XTX	BEARINGS	100-5324-539500	6.76	6.76	DPW	02/03/2022
TOTAL VENDOR AMAZON CAPITOL SERVICES				291.76		
VENDOR NAME: ASSOCIATED TRUST CO.						
22061	2010 BOND ISSUE FEES	610-6920-693000	237.50	475.00	FINANCE	12/31/2021
		620-8400-856000	237.50			
22062	2008 ISSUE BOND FEES	610-6920-693000	237.50	475.00	FINANCE	12/31/2021
		620-8400-856000	237.50			
TOTAL VENDOR ASSOCIATED TRUST CO.				950.00		
VENDOR NAME: AT & T MOBILITY						
287291370100115202	AT&T CELL PHONES AND HOTSPOTS	100-5211-522500	628.50	628.50	POLICE	02/03/2022
TOTAL VENDOR AT & T MOBILITY				628.50		
VENDOR NAME: BADGER GLOVE & SAFETY						
053727	WATER/WWTF SAFETY CLOTHING	610-6920-693000	470.00	933.50	UTILITIES	02/03/2022
		620-8010-827000	463.50			
TOTAL VENDOR BADGER GLOVE & SAFETY				933.50		
VENDOR NAME: BASSETT MECHANICAL						
6510128	WWTF HVAC MECHANICAL CONTRACT	620-8010-833000	952.50	952.50	UTILITIES	02/03/2022
TOTAL VENDOR BASSETT MECHANICAL				952.50		
VENDOR NAME: BAYSIDE PRINTING LLC						
139835	WATER OUTSIDE SERVICES	610-6920-692300	708.26	708.26	UTILITIES	12/31/2021
TOTAL VENDOR BAYSIDE PRINTING LLC				708.26		
VENDOR NAME: BLOOM COMPANIES LLC						
12527	HWY 83 ENGINEERING	250-5335-521900	1,916.30	1,916.30	FINANCE	12/31/2021

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User: MROCKLEY
DB: Mukwonago

PENDING VILLAGE BOARD REVIEW FOR MUKWONAGO
EXP CHECK RUN DATES 02/03/2022 - 02/03/2022
BOTH JOURNALIZED AND UNJOURNALIZED OPEN AND PAID
BANK CODE: GEN - CHECK TYPE: PAPER CHECK

Page: 2/10

INVOICE NUMBER	DESCRIPTION	DISTRIBUTIONS\AMOUNTS		AMOUNT	APPROVAL DEPARTMENT	POST DATE
VENDOR NAME: BLOOM COMPANIES LLC						
	TOTAL VENDOR BLOOM COMPANIES LLC			1,916.30		
VENDOR NAME: BOUND TREE MEDICAL LLC						
84374317	EMS SUPPLIES	150-5231-531100	418.16	418.16	FIRE	02/03/2022
84370139	EMS SUPPLIES	150-5231-531100	20.00	20.00	FIRE	02/03/2022
84357711	EMS SUPPLIES	150-5231-531100	20.95	20.95	FIRE	02/03/2022
	TOTAL VENDOR BOUND TREE MEDICAL LLC			459.11		
VENDOR NAME: BS&A						
139304	ONLINE PERMITTING FEES	100-5241-521900	516.00	516.00	BUILDING	12/31/2021
	TOTAL VENDOR BS&A			516.00		
VENDOR NAME: BUREAU OF CORRECTIONAL ENTERPR						
308082	DOWNTOWN BANNERS	480-5700-521500	1,620.00	1,620.00	PLANNER	02/03/2022
	TOTAL VENDOR BUREAU OF CORRECTIONAL ENTERPR			1,620.00		
VENDOR NAME: BURKE TRUCK & EQUIMENT INC						
29418	PATROL TRUCK #7 PLOW REPAIRS	100-5324-539500	85.00	85.00	DPW	02/03/2022
29379	PLOW PARTS	100-5324-539500	660.35	660.35	DPW	02/03/2022
	TOTAL VENDOR BURKE TRUCK & EQUIMENT INC			745.35		
VENDOR NAME: C & M AUTO PARTS INC						
6079-347487	SHOP SUPPLIES	100-5323-531100	20.48	20.48	DPW	02/03/2022
6079347218	SQUAD 34 BRAKE REPAIR	100-5212-539500	224.04	224.04	POLICE	02/03/2022
6079-347869	3452 BRAKES	150-5231-539500	142.97	142.97	FIRE	02/03/2022
6079-347863	3452 BRAKES	150-5231-539500	17.29	17.29	FIRE	02/03/2022
6079-347862	3452 BRAKES	150-5231-539500	56.61	56.61	FIRE	02/03/2022
6079-347728	TRUCK #4 HEADLIGHT	100-5324-539500	17.46	17.46	DPW	02/03/2022
	TOTAL VENDOR C & M AUTO PARTS INC			478.85		
VENDOR NAME: CENTURY SPRINGS BOTTLING						
5026646	WWTF LAB SUPPLIES	620-8010-826000	13.99	13.99	UTILITIES	12/31/2021
	TOTAL VENDOR CENTURY SPRINGS BOTTLING			13.99		
VENDOR NAME: CINTAS						
4108411776	STAFF UNIFORMS	100-5323-531100	118.32	118.32	DPW	02/03/2022
4108411707	WATER/WWTF UNIFORM SERVICE	610-6920-693000	59.55	118.55	UTILITIES	02/03/2022
		620-8010-827000	59.00			
4107724494	STAFF UNIFORMS	100-5323-531100	118.32	118.32	DPW	02/03/2022
4107724420	WATER/WWTF UNIFORM SERVICE	620-8010-827000	85.00	169.55	UTILITIES	02/03/2022
		610-6920-693000	84.55			
	TOTAL VENDOR CINTAS			524.74		
VENDOR NAME: CIVICPLUS						

INVOICE NUMBER	DESCRIPTION	DISTRIBUTIONS\AMOUNTS		AMOUNT	APPROVAL DEPARTMENT	POST DATE
VENDOR NAME: CIVICPLUS						
219956	EMERGENCY NOTIFICATION SYSTEM	100-5142-521900	428.52	3,000.00	ALLOCATE	02/03/2022
		440-5511-531000	428.58			
		620-8400-852000	428.58			
		150-5221-521900	428.58			
		100-5521-531100	428.58			
		610-6920-692300	428.58			
		100-5211-521900	428.58			
TOTAL VENDOR CIVICPLUS				3,000.00		
VENDOR NAME: COLUMBIA SOUTHERN UNIVERSITY						
BCJ 4101 ZAJICHEK	TUITION REIMBURSEMENT ZAJICHEK	100-5212-516300	705.00	705.00	POLICE	02/03/2022
TOTAL VENDOR COLUMBIA SOUTHERN UNIVERSITY				705.00		
VENDOR NAME: DALE G. PEKEL						
HEATT 011022	FIRE TRAINING PROPS	150-5700-571300	1,500.00	1,500.00	FIRE	02/03/2022
TOTAL VENDOR DALE G. PEKEL				1,500.00		
VENDOR NAME: EBIX						
11494	EBIX INVOICE	150-5231-521900	2,247.15	2,247.15	FIRE	12/31/2021
TOTAL VENDOR EBIX				2,247.15		
VENDOR NAME: EMERGENCY COMMUNICATION SYSTEM						
3416	TORNADO SIREN ANNUAL MAINTENANCE	100-5235-531100	826.00	826.00	POLICE	12/31/2021
TOTAL VENDOR EMERGENCY COMMUNICATION SYSTEM				826.00		
VENDOR NAME: EMERGENCY MEDICAL PRODUCTS						
2312178	EMS SUPPLIES	150-5231-531100	186.84	186.84	FIRE	02/03/2022
2310681	EMS SUPPLIES	150-5231-531100	179.00	179.00	FIRE	02/03/2022
TOTAL VENDOR EMERGENCY MEDICAL PRODUCTS				365.84		
VENDOR NAME: EXCEL BUILDING SERVICES LLC						
3782	BUILDING CLEANING SERVICE	100-5211-539400	975.00	975.00	POLICE	02/03/2022
TOTAL VENDOR EXCEL BUILDING SERVICES LLC				975.00		
VENDOR NAME: FASTENAL COMPANY						
WIMUK90976	FLOW BOLTS	100-5324-539500	32.94	32.94	DPW	02/03/2022
TOTAL VENDOR FASTENAL COMPANY				32.94		
VENDOR NAME: FIRST SUPPLY LLC						
3250613-00	WWFT EFFLUENT SAMPLER BOOSTER PUMPS	620-8010-833000	704.48	704.48	UTILITIES	02/03/2022
TOTAL VENDOR FIRST SUPPLY LLC				704.48		
VENDOR NAME: GENERAL FIRE EQUIPMENT CO						
146662	REPLACEMENT SPEAKERS 3451 AND 3452	150-5231-539500	496.80	496.80	FIRE	02/03/2022
TOTAL VENDOR GENERAL FIRE EQUIPMENT CO				496.80		
VENDOR NAME: GRACE ALBELO						
2022 CLOTHING ALBEI	2022 CLOTHING ALLOWANCE - ALBELO	150-5222-534600	50.00	50.00	FIRE	02/03/2022

INVOICE NUMBER	DESCRIPTION	DISTRIBUTIONS\AMOUNTS		AMOUNT	APPROVAL DEPARTMENT	POST DATE
VENDOR NAME: GRACE ALBELO						
	TOTAL VENDOR GRACE ALBELO			50.00		
VENDOR NAME: HAWKINS WATER TREATMENT						
6101230	WWTF SLUDGE DEWATERING	620-8010-825000	1,111.32	1,111.32	UTILITIES	02/03/2022
	TOTAL VENDOR HAWKINS WATER TREATMENT			1,111.32		
VENDOR NAME: HIGGINS TOWER SERVICE INCE						
21-51279	WATER INTERNET/SCADA UPGRADE	610-6920-692300	2,632.50	2,632.50	UTILITIES	12/31/2021
	TOTAL VENDOR HIGGINS TOWER SERVICE INCE			2,632.50		
VENDOR NAME: HIPPENMEYER, REILLY, BLUM,						
52226	MISCELLANEOUS MATTERS	100-5130-521900	2,680.00	2,680.00	FINANCE	02/03/2022
52227	UTILITIES	610-6920-692300	259.00	314.50	FINANCE	02/03/2022
		620-8400-852100	55.50			
52231	PROSECUTIONS	100-5130-521900	772.50	772.50	FINANCE	02/03/2022
52228	HILL COURT PARTNERS	100-0000-211425	758.50	758.50	FINANCE	02/03/2022
52229	BIELINSKI/CHAPMAN VILLAS	100-0000-211425	152.50	152.50	FINANCE	02/03/2022
52230	BOX SELF STORAGE	100-0000-211425	277.50	277.50	FINANCE	02/03/2022
52226-A	ESPRESSO LOVE - CDI GRANT APPLICATION	100-0000-211425	518.00	518.00	FINANCE	02/03/2022
	TOTAL VENDOR HIPPENMEYER, REILLY, BLUM,			5,473.50		
VENDOR NAME: HORN FEEDS						
32232	SOFTENER SALT	100-5323-531100	67.50	67.50	DPW	02/03/2022
	TOTAL VENDOR HORN FEEDS			67.50		
VENDOR NAME: IMAGE TREND						
132806	ELITE RESCUE SAAS ANNUAL FEE	150-5221-521900	4,333.21	8,666.42	FIRE	02/03/2022
		150-5231-521900	4,333.21			
132885	IMAGE TREND 2022 CAD	150-5221-521900	1,802.50	3,605.00	FIRE	02/03/2022
		150-5231-521900	1,802.50			
	TOTAL VENDOR IMAGE TREND			12,271.42		
VENDOR NAME: JACKSON-HIRSCH						
1054939	LAMINATING SUPPLIES	150-5221-531100	108.99	108.99	FIRE	02/03/2022
	TOTAL VENDOR JACKSON-HIRSCH			108.99		
VENDOR NAME: JET VAC ENVIRONMENTAL						
0000004363	WWTF VACTOR REPAIR PARTS	620-8030-831000	48.93	48.93	UTILITIES	12/31/2021
	TOTAL VENDOR JET VAC ENVIRONMENTAL			48.93		
VENDOR NAME: LAKESIDE INTERNATIONAL						
1354385P	TRUCK FLOOR MATS	100-5324-539500	831.65	831.65	DPW	02/03/2022
	TOTAL VENDOR LAKESIDE INTERNATIONAL			831.65		
VENDOR NAME: LANGE ENTERPRISES INC						

INVOICE NUMBER	DESCRIPTION	DISTRIBUTIONS\AMOUNTS		AMOUNT	APPROVAL DEPARTMENT	POST DATE
VENDOR NAME: LANGE ENTERPRISES INC						
79053	STREET SIGNS AND POSTS	100-5348-531100	2,208.40	2,208.40	DPW	02/03/2022
TOTAL VENDOR LANGE ENTERPRISES INC				2,208.40		
VENDOR NAME: LYNCH CHEVROLET						
4087809	WWTF P/U OIL CHANGE	620-8030-828000	68.45	68.45	UTILITIES	02/03/2022
4087784	WATER SERVICE TRUCK OIL CHANGE	610-6920-693300	68.45	68.45	UTILITIES	02/03/2022
4087793	WATER SERVICE TRUCK OIL CHANGE	610-6920-693300	68.45	68.45	UTILITIES	02/03/2022
4087833	WWTF VEHICLE MAINTENANCE	620-8030-828000	68.45	68.45	UTILITIES	02/03/2022
TOTAL VENDOR LYNCH CHEVROLET				273.80		
VENDOR NAME: LYNCH MUKWONAGO FORD						
0808217	3451 REPAIR	150-5231-539500	891.36	891.36	FIRE	12/31/2021
084284	CAR 1 REPAIR	150-5222-539500	4.48	4.48	FIRE	02/03/2022
084281	CAR 1 REPAIR	150-5222-539500	289.94	289.94	FIRE	02/03/2022
TOTAL VENDOR LYNCH MUKWONAGO FORD				1,185.78		
VENDOR NAME: MARCO TECHNOLOGIES						
INV9546892	WATER COPIER COSTS	610-6920-692100	44.50	44.50	UTILITIES	02/03/2022
INV9531948	PHONE ISSUES	100-5150-521900	232.00	232.00	FINANCE	02/03/2022
TOTAL VENDOR MARCO TECHNOLOGIES				276.50		
VENDOR NAME: MUKWONAGO FIRE DEPT						
012522	WWTF GAS DETECTORS	620-8010-827000	300.00	300.00	UTILITIES	02/03/2022
TOTAL VENDOR MUKWONAGO FIRE DEPT				300.00		
VENDOR NAME: MUKWONAGO ROTARY CLUB						
2021-2022 Q4	3Q DUES	100-5142-532400	89.75	269.25	ALLOCATE	12/31/2021
		100-5632-532400	89.75			
		100-5211-532400	89.75			
TOTAL VENDOR MUKWONAGO ROTARY CLUB				269.25		
VENDOR NAME: MUNICIPAL ENVIRONMENTAL						
2022 MEMBERSHIP	WATER LEGAL SERVICES	610-6920-692300	787.80	787.80	UTILITIES	02/03/2022
TOTAL VENDOR MUNICIPAL ENVIRONMENTAL				787.80		
VENDOR NAME: MUSSON BROTHERS						
12-10096.300 PMNT	DEBACK DRIVE - 2021/22 SPLIT NEEDS TO BE	200-5700-582100	440,747.43	440,747.43	FINANCE	12/31/2021
TOTAL VENDOR MUSSON BROTHERS				440,747.43		
VENDOR NAME: NAPA AUTO PARTS - SP018						
154932	WWTF VACTOR REPAIR	620-8030-831000	135.11	135.11	UTILITIES	02/03/2022
154576	WATER/WWTF GENERATOR REPAIRS	610-6200-662300	370.93	763.93	UTILITIES	02/03/2022
		620-8010-833000	393.00			
154598	WWTF BLOWER BELTS	620-8010-833000	246.15	246.15	UTILITIES	02/03/2022
154599	WWTF VACTOR MAINTENANCE	620-8030-831000	87.99	87.99	UTILITIES	02/03/2022
154647	WWTF GENERATOR REPAIR	620-8010-833000	(10.00)	(10.00)	UTILITIES	02/03/2022
154606	WWTF VACTOR REPAIRS	620-8030-831000	16.45	16.45	UTILITIES	02/03/2022

INVOICE NUMBER	DESCRIPTION	DISTRIBUTIONS\AMOUNTS	AMOUNT	APPROVAL DEPARTMENT	POST DATE
VENDOR NAME: NAPA AUTO PARTS - SP018					
153936	WATER GENERATOR REPAIR	610-6200-662500	25.49	25.49 UTILITIES	02/03/2022
154783	WWTF TOOLS FOR SHOP AIR DESCALER TOOL	620-8010-827000	189.00	189.00 UTILITIES	02/03/2022
154540	WATER/WWTF RP LIFT STATION / WELLS GENE	620-8020-832000	122.94	674.08 UTILITIES	02/03/2022
		610-6200-662500	551.14		
153849	PATROL TRUCK #7 PARTS	100-5324-539500	40.10	40.10 DPW	02/03/2022
153899	PATROL TRUCK #7 PARTS	100-5324-539500	63.98	63.98 DPW	02/03/2022
153939	SHOP SUPPLIES	100-5323-531100	33.49	33.49 DPW	02/03/2022
153600	PATROL TRUCK #7 PARTS	100-5324-539500	137.77	137.77 DPW	02/03/2022
TOTAL VENDOR NAPA AUTO PARTS - SP018			2,403.54		
VENDOR NAME: NFPA					
2022-2023	2022 NFPA MEMBERSHIP DUES	150-5221-532400	175.00	175.00 FIRE	02/03/2022
TOTAL VENDOR NFPA			175.00		
VENDOR NAME: NORTH CENTRAL LABORATORIES					
464803	WWTF LAB SUPPLIES	620-8010-826000	912.30	912.30 UTILITIES	02/03/2022
TOTAL VENDOR NORTH CENTRAL LABORATORIES			912.30		
VENDOR NAME: OLSEN SAFETY EQUIPMENT					
0394665-IN	WWTF DISPOSABLE RUBBER GLOVES	620-8010-827000	19.05	19.05 UTILITIES	02/03/2022
TOTAL VENDOR OLSEN SAFETY EQUIPMENT			19.05		
VENDOR NAME: PAL STEEL COMPANY					
68408	PITCHERS PLATE RENFORCMENT	100-5521-531100	24.23	24.23 DPW	02/03/2022
17113	BASE STEEL	100-5521-531100	49.20	49.20 DPW	02/03/2022
TOTAL VENDOR PAL STEEL COMPANY			73.43		
VENDOR NAME: PARHARM, PENELOPE					
REFUND012022	UB REFUND #5275 / 1223 RIVERTON	610-0000-142000	209.37	209.37 ALLOCATE	02/03/2022
TOTAL VENDOR PARHARM, PENELOPE			209.37		
VENDOR NAME: POMPS TIRE SERVICE, INC					
60265016	SQUAD TIRES	100-5212-539500	505.20	505.20 POLICE	02/03/2022
60264476	TIRES TRUCK #2	100-5324-539500	503.84	503.84 DPW	02/03/2022
60264070	3471 FRONT TIRES	150-5222-539500	1,747.28	1,747.28 FIRE	02/03/2022
60264218	3462 ALL TIRES	150-5222-539500	2,365.96	2,365.96 FIRE	02/03/2022
60264219	3462 FRONT TIRES	150-5222-539500	1,444.00	1,444.00 FIRE	02/03/2022
TOTAL VENDOR POMPS TIRE SERVICE, INC			6,566.28		
VENDOR NAME: PRECISE ALIGNMENT INC					
20628	FRONT END ALIGNMENT TRUCK #2	100-5324-539500	77.95	77.95 DPW	02/03/2022
TOTAL VENDOR PRECISE ALIGNMENT INC			77.95		
VENDOR NAME: PROHEALTH MEDICAL GROUP					
311492	HEPATITIS SHOT	100-5323-534800	60.00	60.00 DPW	12/31/2021
TOTAL VENDOR PROHEALTH MEDICAL GROUP			60.00		
VENDOR NAME: PROHEALTH PHARMACY					
2021 DECEMBER	EMS SUPPLIES	150-5231-531100	2,032.23	2,032.23 FIRE	12/31/2021

INVOICE NUMBER	DESCRIPTION	DISTRIBUTIONS\AMOUNTS	AMOUNT	APPROVAL DEPARTMENT	POST DATE
VENDOR NAME: PROHEALTH PHARMACY					
TOTAL VENDOR PROHEALTH PHARMACY			2,032.23		
VENDOR NAME: PUBLIC SERVICE COMMISSION OF WI					
2112-I-03980	WATER PSC ADVERTISING	610-6920-692800	32.48	32.48 UTILITIES	12/31/2021
TOTAL VENDOR PUBLIC SERVICE COMMISSION OF WI			32.48		
VENDOR NAME: QUILL LLC					
22070672	TONER FOR PRINTER	100-5120-531100	128.99	128.99 FINANCE	02/03/2022
TOTAL VENDOR QUILL LLC			128.99		
VENDOR NAME: RICOH USA, INC					
5063542636	LARGE FORMAT PRINTER	100-5670-531100	14.46	14.46 PLANNER	12/31/2021
TOTAL VENDOR RICOH USA, INC			14.46		
VENDOR NAME: RJ THOMAS MFG CO					
249177	2021 PICNIC TABLES AND BENCHES REC'D IN	100-5521-531100	13,541.20	13,541.20 DPW	02/03/2022
TOTAL VENDOR RJ THOMAS MFG CO			13,541.20		
VENDOR NAME: RUEKERT & MIELKE, INC.					
139803	12-00000.100 General Services	100-5335-521900	1,381.54	2,658.64 FINANCE	12/31/2021
		100-5521-531100	1,277.10		
139804	12-00000.300 Water Utility Services	610-6920-692300	47.00	47.00 FINANCE	12/31/2021
139805	12-00000.400 Sewer Utility Services	620-8400-852000	362.00	362.00 FINANCE	12/31/2021
139807	12-10063.210 2021 GIS Services - GIS Dat	100-5335-521900	2,065.50	2,065.50 FINANCE	12/31/2021
139809	12-10096.300 Deback Drive Infrastructure	200-5335-521900	32,599.05	32,599.05 FINANCE	12/31/2021
139811	12-10098.121 Mukwonago WWTF Phosphorus A	620-8400-852100	963.40	963.40 FINANCE	12/31/2021
139812	12-10100.100 Sanitary Sewer Use Ordinanc	620-8400-852000	19.50	19.50 FINANCE	12/31/2021
139814	12-10115.200 2019 Well & Well Pump Impro	610-6920-692300	2,168.00	2,168.00 FINANCE	12/31/2021
139813	12-10015.300 2019 Well & Well Pump Impro	610-6920-692300	306.00	306.00 FINANCE	12/31/2021
139816	12-10131.200 Atkinson Pump Station Capac	620-0000-000104	1,841.50	1,841.50 FINANCE	12/31/2021
139819	12-10141.300 Indianhead Park Outdoor Per	480-5700-584900	279.00	279.00 FINANCE	12/31/2021
139820	12-10144.100 Water EPA Risk & Resilience	610-6920-692300	2,531.50	2,531.50 FINANCE	12/31/2021
139823	12-10151.220 WWTF Aeration Update / Desi	620-0000-000105	1,740.00	1,740.00 FINANCE	12/31/2021
139824	12-10152.100 Local Limits & Industrial P	620-8400-852000	383.00	383.00 FINANCE	12/31/2021
139827	12-10169.100 Wells 3 and 4 Radium Remova	610-6920-692300	247.00	247.00 FINANCE	12/31/2021
139828	12-92041.487 2021 SCADA Service Work	610-6920-692300	765.44	765.44 FINANCE	12/31/2021
139806	12-10044.300 BOX SELF STORAGE / CONSTRUC	100-0000-211425	500.25	500.25 FINANCE	12/31/2021
139808	12-10069.104 CHAPMAN FARMS PORTION OF VI	100-0000-211425	210.60	210.60 FINANCE	12/31/2021
139810	12-10097.100 MAPLE CENTRE DEVELOPMNET RE	100-0000-211425	1,103.25	1,103.25 FINANCE	12/31/2021
139815	12-10127.100 210 MCDIVITT LANE EXPANSION	100-0000-211425	440.90	440.90 FINANCE	12/31/2021
139817	12-10137.300 HILL COURT MULTI-TENANT DEV	100-0000-211425	129.00	129.00 FINANCE	12/31/2021
139818	12-10139.310 MEADOWLAND TOWNHOMES DEVELO	100-0000-211425	946.50	946.50 FINANCE	12/31/2021
139821	12-10147.300 MINOR ESTATES PHASE 4 / CON	100-0000-211425	2,581.90	2,581.90 FINANCE	12/31/2021
139822	12-10149.300 EDGEWOOD CONDOS / EROSION C	100-0000-211425	145.50	145.50 FINANCE	12/31/2021
139826	12-10164.100 BLUE BAY MIXED USE DEVELOPM	100-0000-211425	451.50	451.50 FINANCE	12/31/2021
139829	12-92136.302 CHAPMAN FRM / CHAPMAN VILLA	100-0000-211425	169.10	169.10 FINANCE	12/31/2021
139830	12-92136.303 CHAPMAN FAR / CHAPMAN RESID	100-0000-211425	9,864.70	9,864.70 FINANCE	12/31/2021
139831	12-92191.103 PRO HEALTH EXPANSION / 2018	100-0000-211425	304.65	304.65 FINANCE	12/31/2021
TOTAL VENDOR RUEKERT & MIELKE, INC.			65,824.38		
VENDOR NAME: RUNDLE-SPENCE					

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PENDING VILLAGE BOARD REVIEW FOR MUKWONAGO
EXP CHECK RUN DATES 02/03/2022 - 02/03/2022
BOTH JOURNALIZED AND UNJOURNALIZED OPEN AND PAID
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INVOICE NUMBER	DESCRIPTION	DISTRIBUTIONS\AMOUNTS	AMOUNT	APPROVAL DEPARTMENT	POST DATE
VENDOR NAME: RUNDLE-SPENCE					
S2995384.001	WATER WELL 7 WATER TEMPERING VALVE REBUI	610-6310-663500 494.70	494.70	UTILITIES	02/03/2022
TOTAL VENDOR RUNDLE-SPENCE			494.70		
VENDOR NAME: SABEL MECHANICAL LLC					
220015	WWTF COMPLETE REBUILD OF RAW PUMP1	620-8010-832000 23,293.19	23,293.19	UTILITIES	02/03/2022
TOTAL VENDOR SABEL MECHANICAL LLC			23,293.19		
VENDOR NAME: SHI INTERNATIONAL CORP					
B14560579	ANNUAL FEE TO ARCHIVE EMAILS	100-5111-522900 40.09	1,260.00	ALLOCATE	02/03/2022
		100-5300-522900 75.89			
		100-5211-522900 213.34			
		100-5120-522900 11.45			
		150-5221-522900 340.77			
		100-5142-522900 77.32			
		100-5632-522900 35.80			
		610-6920-692100 107.38			
		620-8400-851000 107.38			
		100-5145-522900 107.39			
		100-5241-522900 71.59			
		100-5512-522900 35.80			
		100-5141-522900 35.80			
TOTAL VENDOR SHI INTERNATIONAL CORP			1,260.00		
VENDOR NAME: SHRED-IT USA					
8000832119	SHRED SERVICE	100-5211-521900 155.63	155.63	POLICE	02/03/2022
TOTAL VENDOR SHRED-IT USA			155.63		
VENDOR NAME: SOMAR ENTERPRISES					
102540	RESERVE OFFICER NAME TAG BECKER	100-5212-534700 15.40	15.40	POLICE	02/03/2022
TOTAL VENDOR SOMAR ENTERPRISES			15.40		
VENDOR NAME: TELEFLEX LLC					
9504938176	EMS SUPPLIES	150-5231-531100 308.50	308.50	FIRE	02/03/2022
TOTAL VENDOR TELEFLEX LLC			308.50		
VENDOR NAME: TERMINAL ANDRAE INC.					
55517	WATER SCADA UPGRADES	610-6920-692300 3,500.00	3,500.00	UTILITIES	02/03/2022
TOTAL VENDOR TERMINAL ANDRAE INC.			3,500.00		
VENDOR NAME: THE AMERICAN INSTITUTE OF					
000203482	2022 ASSOCIATE MEMBERSHIP RENEWAL	100-5632-532400 242.00	242.00	PLANNER	02/03/2022
TOTAL VENDOR THE AMERICAN INSTITUTE OF			242.00		
VENDOR NAME: THE MASTERS TOUCH, LLC					
78194	2021 WALWORTH TAX BILLS	100-5142-531200 206.33	206.33	CLERK	12/31/2021
TOTAL VENDOR THE MASTERS TOUCH, LLC			206.33		
VENDOR NAME: TROY SANITARY SERVICE					

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PENDING VILLAGE BOARD REVIEW FOR MUKWONAGO
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INVOICE NUMBER	DESCRIPTION	DISTRIBUTIONS\AMOUNTS		AMOUNT	APPROVAL DEPARTMENT	POST DATE
VENDOR NAME: TROY SANITARY SERVICE						
1148	WWTF PORTA JOHN FOR SEPTIC HAULERS	620-8400-852000	720.00	720.00	UTILITIES	12/31/2021
TOTAL VENDOR TROY SANITARY SERVICE				720.00		
VENDOR NAME: ULINE						
143476604	EMS SUPPLIES	150-5231-531100	277.26	277.26	FIRE	02/03/2022
143327089	EMS SUPPLIES	150-5231-531100	213.23	213.23	FIRE	02/03/2022
TOTAL VENDOR ULINE				490.49		
VENDOR NAME: USA BLUEBOOK						
852014	WWTF LAB SUPPLIES	620-8010-826000	76.90	76.90	UTILITIES	02/03/2022
849342	WWTF PHOSPHORUS CHEMICAL PIPING REPAIR	620-8010-824000	(146.78)	(146.78)	UTILITIES	02/03/2022
850817	WWTF LAB SUPPLIES	620-8010-826000	144.85	144.85	UTILITIES	02/03/2022
846752	WWTF PHOPHORUS CHEMICAL PIPING REPAIR	620-8010-824000	175.90	175.90	UTILITIES	02/03/2022
848180	WATER LAB TESTING CHEMICALS	610-6300-663200	159.78	159.78	UTILITIES	02/03/2022
848047	WWTF LAB SUPPLIES	620-8010-826000	550.60	550.60	UTILITIES	02/03/2022
TOTAL VENDOR USA BLUEBOOK				961.25		
VENDOR NAME: VERIZON WIRELESS						
9897224937	MONTHLY BILL	100-5141-522500	52.41	961.04	MULTIPLE	12/31/2021
		100-5241-522500	101.50			
		150-5221-522500	64.63			
		100-5211-522500	12.61			
		100-5323-522500	335.54			
		610-6920-692100	173.96			
		620-8400-851000	173.97			
		100-5632-522500	46.42			
9896497846	VERIZON INVOICE	150-5221-522500	50.10	50.10	FIRE	12/31/2021
9897224939	VERIZON INVOICE	150-5221-522500	461.31	461.31	FIRE	12/31/2021
9897224938	2022 JANUARY CELL BILL ACCT# 885503900-0	150-5221-522500	20.78	275.74	MULTIPLE	12/31/2021
		100-5323-522500	20.78			
		610-6920-692100	117.09			
		620-8400-851000	117.09			
TOTAL VENDOR VERIZON WIRELESS				1,748.19		
VENDOR NAME: WAUKESHA COUNTY EMERGENCY						
395	ID CARDS	150-5222-531100	3.75	3.75	FIRE	02/03/2022
TOTAL VENDOR WAUKESHA COUNTY EMERGENCY				3.75		
VENDOR NAME: WAUKESHA COUNTY FIRE CHIEFS						
2022-12	2022 WCFCA MEMBERSHIP DUES	150-5221-532400	269.16	269.16	FIRE	02/03/2022
TOTAL VENDOR WAUKESHA COUNTY FIRE CHIEFS				269.16		
VENDOR NAME: WAUKESHA CTY TREASURER						
202120040204	WAUKESHA COUNTY DECEMBER INMATE BILLING	100-5212-521900	18.64	18.64	POLICE	12/31/2021
202210020004	WARD MAPS FOR WAUKESHA	100-5144-531200	40.00	40.00	CLERK	02/03/2022
TOTAL VENDOR WAUKESHA CTY TREASURER				58.64		
VENDOR NAME: WI DEPT OF JUSTICE-TIME						

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INVOICE NUMBER	DESCRIPTION	DISTRIBUTIONS\AMOUNTS	AMOUNT	APPROVAL DEPARTMENT	POST DATE
VENDOR NAME: WI DEPT OF JUSTICE-TIME					
455TIME-0000011645	WI DOJ CIB 1ST QUARTER BADGERNET, TIME A	100-5211-521900 2,244.00	2,244.00	POLICE	02/03/2022
TOTAL VENDOR WI DEPT OF JUSTICE-TIME			2,244.00		
VENDOR NAME: ZARNOTH BRUSH WORKS					
0187752-IN	JD SWEEPER BRUSH	100-5324-539500 426.25	426.25	DPW	02/03/2022
TOTAL VENDOR ZARNOTH BRUSH WORKS			426.25		
GRAND TOTAL:			620,073.85		

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Check Date	Bank	Check #	Invoice	Payee	Description	Account	Dept	Amount
Fund: 440 LIBRARY FUND								
01/14/2022	GEN	33428	IMIL1759998	ALSCO	SUPPLIES	531100	5511	66.16
01/14/2022	GEN	33429#	1W1X-7R1P-KMG4	AMAZON CAPITOL SERVICES	META SPACE EQUIPMENT & SUPPLIE	531400	5511	2,177.90
			17QJ-J7D4-KYXD		PROGRAMMING	533100	5511	197.19
			1M6P-DYJY-KYQN		PROGRAMMING	533100	5511	128.33
			1P1F-YTJQ-HH73		BOOKS	532800	5700	688.61
			1YM1-W7VD-K9PC		AV MATERIAL	532900	5700	347.38
CHECK GEN 33429 TOTAL FOR FUN								3,539.41
01/14/2022	GEN	33430	38656	AMERICA AQUARIA	OUTSIDE SERVICES	531000	5511	85.00
01/14/2022	GEN	33431	83006	ASSETTIGER	DIGITAL MATERIALS	534000	5511	120.00
01/14/2022	GEN	33432	2036394517	BAKER & TAYLOR INC.	BOOKS	532800	5700	4.40
			2036394518		BOOKS	532800	5700	27.98
			2036394519		BOOKS	532800	5700	57.84
			2036394520		BOOKS	532800	5700	138.45
			2036394521		BOOKS	532800	5700	21.57
			2036394522		BOOKS	532800	5700	7.83
			2036394523		BOOKS	532800	5700	8.81
			2036394524		BOOKS	532800	5700	60.87
			2036403814		BOOKS	532800	5700	1,134.45
			2036403815		BOOKS	532800	5700	7.25
			2036403816		BOOKS	532800	5700	3.77
			2036403817		BOOKS	532800	5700	27.70
			2036403818		BOOKS	532800	5700	10.07
			2036403819		BOOKS	532800	5700	10.07
			2036403820		BOOKS	532800	5700	44.38
			2036403821		BOOKS	532800	5700	4.40
			2036403822		BOOKS	532800	5700	76.50
			2036411971		BOOKS	532800	5700	207.76
			2036411972		BOOKS	532800	5700	15.11
			2036411973		BOOKS	532800	5700	14.54
			2036411974		BOOKS	532800	5700	9.49
			2036411975		BOOKS	532800	5700	4.40
			2036433110		BOOKS	532800	5700	194.94
			2036433111		BOOKS	532800	5700	15.95
			2036433112		BOOKS	532800	5700	3.91
			2036433113		BOOKS	532800	5700	68.31
			2036433114		BOOKS	532800	5700	6.29
			2036445109		BOOKS	532800	5700	187.73

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Check Date	Bank	Check #	Invoice	Payee	Description	Account	Dept	Amount
Fund: 440 LIBRARY FUND								
CHECK GEN 33432 TOTAL FOR FUN								2,374.81
01/14/2022	GEN	33433	2021-13010314	BRIDGES LIBRARY SYSTEM	CONTRACTUAL SERVICES	522000	5511	37.50
			2021-13010338		OUTREACH	533300	5511	22.00
CHECK GEN 33433 TOTAL FOR FUN								59.50
01/14/2022	GEN	33434	B6331248	BRODART	BOOKS	532800	5700	301.17
			B6335980		BOOKS	532800	5700	446.66
			B6339891		BOOKS	532800	5700	112.09
CHECK GEN 33434 TOTAL FOR FUN								859.92
01/14/2022	GEN	33435	2488.0020	BUELOW, VETTER, BUIKEMA, OLSO	PROFESSIONAL SERVICES	521900	5511	4,539.50
01/14/2022	GEN	33436	76138056	CENGAGE LEARNING	BOOKS	532800	5700	27.19
			76258363		BOOKS	532800	5700	103.16
			76267669		BOOKS	532800	5700	54.38
CHECK GEN 33436 TOTAL FOR FUN								184.73
01/14/2022	GEN	33437	1883181	CENTER POINT LARGE PRINT	BOOKS	532800	5700	55.94
			1899947		BOOKS	532800	5700	302.77
			1903291		BOOKS	532800	5700	27.97
CHECK GEN 33437 TOTAL FOR FUN								386.68
01/14/2022	GEN	33438	960002499	EMCOR SERVICES	REPAIRS & MAINTENANCE	539500	5511	855.00
			960002500		REPAIRS & MAINTENANCE	539500	5511	3,775.00
			960002501		REPAIRS & MAINTENANCE	539500	5511	1,957.00
			960002517		REPAIRS & MAINTENANCE	539500	5511	589.00
			960002460		REPAIRS & MAINTENANCE	539500	5511	1,009.00
			960002484		REPAIRS & MAINTENANCE	539500	5511	910.00
CHECK GEN 33438 TOTAL FOR FUN								9,095.00
01/14/2022	GEN	33439	372530	FINDAWAY WORLD	AV MATERIAL	532900	5700	92.98
01/14/2022	GEN	33440	2022	FRIENDS OF THE DOMES	THINGERY PURCHASES	533000	5511	100.00
01/14/2022	GEN	33441	30672135	GREAT AMERICAN FINANCIAL	CONTRACTUAL SERVICES	522000	5511	536.50
01/14/2022	GEN	33442	970004298	ILLINGWORTH KILGUST	REPAIRS & MAINTENANCE	539500	5511	932.00
01/14/2022	GEN	33443	452	KLASSY KLEANERS	OUTSIDE SERVICES	531000	5511	720.00

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CHECK DISBURSEMENT REPORT FOR MUKWONAGO
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Check Date	Bank	Check #	Invoice	Payee	Description	Account	Dept	Amount	
Fund: 440 LIBRARY FUND									
01/14/2022	GEN	33444	213501	METRO SOUND & VIDEO	REPAIRS & MAINTENANCE	539500	5511	160.00	
01/14/2022	GEN	33445	873975	MICROMARKETING LLC	AV MATERIAL	532900	5700	200.02	
01/14/2022	GEN	33446#	501492694	MIDWEST TAPE	DIGITAL MATERIALS	534000	5511	345.09	
			501399734		AV MATERIAL	532900	5700	619.51	
			501438518		AV MATERIAL	532900	5700	29.99	
			501473062		AV MATERIAL	532900	5700	131.98	
			CHECK GEN 33446 TOTAL FOR FUN						
01/14/2022	GEN	33447	122021	MUELLER AMY	PROGRAMMING	533100	5511	25.00	
01/14/2022	GEN	33448	21869108	QUILL LLC	SUPPLIES	531100	5511	116.98	
			22069585		SUPPLIES	531100	5511	71.98	
			22148163		SUPPLIES	531100	5511	61.57	
			CHECK GEN 33448 TOTAL FOR FUN						
01/14/2022	GEN	33449	5063490065	RICOH USA, INC	OUTSIDE SERVICES	531000	5511	522.49	
01/14/2022	GEN	33450	37700	RINDERLE DOOR CO	REPAIRS & MAINTENANCE	539500	5511	283.30	
01/14/2022	GEN	33451	13742	RIVISTAS LLC	PERIODICALS	532600	5511	2,725.22	
01/14/2022	GEN	33452	22695	TAYLOR COMPUTER SERVICES, INC	EQUIPMENT LESS THAN \$5000	581100	5700	6,157.35	
01/14/2022	GEN	33453	609611	UNIQUE MANAGEMENT	OUTSIDE SERVICES	531000	5511	8.95	
01/14/2022	GEN	33454	1046-F068689	UNITED STATES ALLIANCE FIRE	CONTRACTUAL SERVICES	522000	5511	480.00	
01/14/2022	GEN	33455	UT4206789	USA TODAY	NEWSPAPERS	532700	5511	347.23	
01/14/2022	GEN	33456	505-0000064911	WISC DEPT OF ADMINISTRATION	DATA LINES	534300	5511	600.00	
					Total for fund 440 LIBRARY FUND				36,578.85
					TOTAL - ALL FUNDS				36,578.85

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CHECK DISBURSEMENT REPORT FOR MUKWONAGO
CHECK NUMBER 433
Banks: GEN

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Check Date	Bank	Check #	Payee	Description	GL #	Amount
01/26/2022	GEN	433 (E)	CHARTER COMMUNICATIONS	MONTHLY BILL	100-5120-522500	76.74
		433 (E)		MONTHLY BILL	100-5141-522500	81.35
		433 (E)		MONTHLY BILL	100-5142-522500	149.19
		433 (E)		MONTHLY BILL	100-5160-522500	26.95
		433 (E)		MONTHLY BILL	100-5211-522500	822.01
		433 (E)		MONTHLY BILL	100-5241-522500	41.40
		433 (E)		MONTHLY BILL	100-5323-522500	74.26
		433 (E)		MONTHLY BILL	100-5512-522500	177.96
		433 (E)		MONTHLY BILL	150-5221-522500	21.47
		433 (E)		MONTHLY BILL	410-5363-522500	4.74
		433 (E)		MONTHLY BILL	440-5511-522500	564.58
		433 (E)		MONTHLY BILL	500-5344-522500	2.37
		433 (E)		MONTHLY BILL	610-6920-692100	40.25
		433 (E)		MONTHLY BILL	620-8400-851000	40.25
						2,123.52
			TOTAL - ALL FUNDS	TOTAL OF 1 CHECKS		2,123.52

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INVOICE REGISTER REPORT FOR MUKWONAGO
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Inv Num Inv Ref#	Vendor Description GL Distribution	Inv Date Entered By	Due Date	Inv Amt	Amt Due	Status	Jrnlized Post Date
Purchase Card Vendor: 0002 US BANK							
ARMOUR ABBY 51484	MY STICKY ELEMENTS - B WEBSITE POP-UP 440-5511-534000	01/05/2022 MROCKLEY	01/26/2022	39.00	0.00	Paid	Y 01/26/2022
	DIGITAL MATERIALS			39.00			
ARMOUR ABBY 51485	SIGNUPGENIUS AARP SIGN UP PROGRAM 440-5511-533300	01/06/2022 MROCKLEY	01/26/2022	11.99	0.00	Paid	Y 01/26/2022
	OUTREACH			11.99			
ARMOUR ABBY 51486	WISCONSIN LIBRARY ASSOCIA CONFERENCE 440-5511-533500	01/13/2022 MROCKLEY	01/26/2022	25.00	0.00	Paid	Y 01/26/2022
	TRAINING & TRAVEL			25.00			
BITTNER RONALD 51487	AMZN MKTP US*Q78H74BN3 PATROL TRUCK VISION MAGNIFIERS 100-5324-539500	01/10/2022 MROCKLEY	01/26/2022	39.32	0.00	Paid	Y 01/26/2022
	REPAIRS & MAINTENANCE			39.32			
GOURDOUX LINDA 51488	WISCMUNCLERKS WMCA DEPUTY CLERK MEMBERSHIP 100-5142-532400	01/04/2022 MROCKLEY	01/26/2022	65.00	0.00	Paid	Y 01/26/2022
	WMCA DEPUTY CLERK MEMBERSHIP			65.00			
ISELY MARY JO 51489	NETFLIX.COM STREAMING SERVICE 1/1/22-1/31/22 440-5511-533000	01/01/2022 MROCKLEY	01/26/2022	17.99	0.00	Paid	Y 01/26/2022
	THINGERY PURCHASES			17.99			
ISELY MARY JO 51490	ACORN TV MONTHLY JANUARY MEMBERSHIP 440-5511-533000	01/09/2022 MROCKLEY	01/26/2022	6.29	0.00	Paid	Y 01/26/2022
	THINGERY PURCHASES			6.29			
KIM CATHRYN 51491	MAILCHIMP *MISC NEWSLETTER 440-5511-534000	01/08/2022 MROCKLEY	01/26/2022	62.99	0.00	Paid	Y 01/26/2022
	DIGITAL MATERIALS			62.99			
KIM CATHRYN 51492	ADOBE CREATIVE CLOUD CREATIVE CLOUD 440-5511-534000	01/11/2022 MROCKLEY	01/26/2022	83.99	0.00	Paid	Y 01/26/2022
	DIGITAL MATERIALS			83.99			

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INVOICE REGISTER REPORT FOR MUKWONAGO
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Inv Num Inv Ref#	Vendor Description GL Distribution	Inv Date Entered By	Due Date	Inv Amt	Amt Due	Status	Jrnalized Post Date
Purchase Card Vendor: 0002 US BANK							
KINDER MATTHEW 51493	USPS PO 5657100149 WATER- POSTAGE FOR FLUORIDE SAMPLE 610-6300-663200	01/04/2022 MROCKLEY	01/26/2022	4.00	0.00	Paid	Y 01/26/2022
	OPERATION SUPPLY/EXP-TREATMENT			4.00			
MILLER KENNETH 51494	AMZN MKTP US*FP39Z7NK3 WWTF PARTS FOR MOWER TRAILER 620-8010-827000	01/03/2022 MROCKLEY	01/26/2022	183.70	0.00	Paid	Y 01/26/2022
	OPERATION SUPPLY/EXPENSE			183.70			
MILLER KENNETH 51495	TPI CORPORATION WATER WELL CL2 RM HEATER FAN MOTOR 610-6210-662300	01/03/2022 MROCKLEY	01/26/2022	211.79	0.00	Paid	Y 01/26/2022
	OPERATION SUPPLY/EXP-PUMPING			211.79			
MILLER KENNETH 51496	NOR*NORTHERN TOOL WWTF MOWER TRAILER EQUIPMENT RACKS 620-8010-827000	01/05/2022 MROCKLEY	01/26/2022	205.57	0.00	Paid	Y 01/26/2022
	OPERATION SUPPLY/EXPENSE			205.57			
MILLER KENNETH 51497	THE HOME DEPOT 4921 WWTF TOOLS FOR MECHANICS TRUCK 620-8010-827000	01/05/2022 MROCKLEY	01/26/2022	99.97	0.00	Paid	Y 01/26/2022
	OPERATION SUPPLY/EXPENSE			99.97			
MILLER KENNETH 51498	THE HOME DEPOT #4921 WWTF PORTABLE LIGHTS FOR MECHANICS 620-8010-827000	01/05/2022 MROCKLEY	01/26/2022	119.00	0.00	Paid	Y 01/26/2022
	OPERATION SUPPLY/EXPENSE			119.00			
MILLER KENNETH 51499	TPI CORPORATION WATER HEATER MOTOR FOR WELL 7 610-6210-662300	01/06/2022 MROCKLEY	01/26/2022	415.38	0.00	Paid	Y 01/26/2022
	OPERATION SUPPLY/EXP-PUMPING			415.38			
PETERSON RANDY 51500	HARBOR FREIGHT TOOLS 544 SHOP TOOLS AND SUPPLIES 100-5323-531100	01/06/2022 MROCKLEY	01/26/2022	379.28	0.00	Paid	Y 01/26/2022
	SUPPLIES			379.28			
PETERSON RANDY 51501	TRACTOR SUPPLY #339 JD SWEEPER REPAIR 100-5324-539500	01/13/2022 MROCKLEY	01/26/2022	33.56	0.00	Paid	Y 01/26/2022
	REPAIRS & MAINTENANCE			33.56			

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Purchase Card Vendor: 0002 US BANK							
PETERSON RANDY 51502	HARBOR FREIGHT TOOLS 544 PARK SUPPLIES 100-5521-531100	01/13/2022 MROCKLEY SUPPLIES	01/26/2022	60.97 60.97	0.00	Paid	Y 01/26/2022
RUTENBECK TIM 51503	DOA E PAY DOC SALES PERMIT SEALS 100-5241-531100	01/03/2022 MROCKLEY SUPPLIES	01/26/2022	833.59 833.59	0.00	Paid	Y 01/26/2022
SMITH JAMES A 51504	WM SUPERCENTER #1571 WWTF- HARDWARE FOR HANGING CLIP 620-8010-826000	01/05/2022 MROCKLEY LABORATORY	01/26/2022	16.56 16.56	0.00	Paid	Y 01/26/2022
STIEN JEFFREY R 51505	AMZN MKTP US*907T841M3 AED BATTERY- TOWN 150-5231-531100	01/04/2022 MROCKLEY SUPPLIES	01/26/2022	123.95 123.95	0.00	Paid	Y 01/26/2022
STIEN JEFFREY R 51506	AMZ*VIASCREENS DELL COMPUTER SCREEN PROTECTOR 150-5222-531100	01/08/2022 MROCKLEY SUPPLIES	01/26/2022	53.13 53.13	0.00	Paid	Y 01/26/2022
STIEN JEFFREY R 51507	PICK N SAVE #384 STATION SUPPLIES 150-5221-531100	01/14/2022 MROCKLEY SUPPLIES	01/26/2022	26.09 26.09	0.00	Paid	Y 01/26/2022
STIEN JEFFREY R 51508	AMZN MKTP US*HD8A97LT3 IPHONE SCREEN PROTECTOR-COVER AND 150-5221-531100 150-5222-531100	01/16/2022 MROCKLEY SUPPLIES SUPPLIES	01/26/2022	60.96 44.97 15.99	0.00	Paid	Y 01/26/2022
STREIT DANIEL 51509	AMAZON.COM*0W4X08AP3 AMZN REPLACE COMPUTER SPEAKERS FOR 100-5211-539500	01/03/2022 MROCKLEY REPAIRS & MAINTENANCE	01/26/2022	18.99 18.99	0.00	Paid	Y 01/26/2022
STREIT DANIEL 51510	STAPLS0197111031000001 OFFICE SUPPLIES 100-5211-531100	01/11/2022 MROCKLEY SUPPLIES	01/26/2022	36.17 36.17	0.00	Paid	Y 01/26/2022

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Purchase Card Vendor: 0002 US BANK							
STREIT DANIEL 51511	NATW NATW.ORG NATIONAL TOWN WATCH MEMBERSHIP 100-5213-532400	01/12/2022 MROCKLEY	01/26/2022	35.00 35.00	0.00	Paid	Y 01/26/2022
	MEMBERSHIP DUES						
STREIT DANIEL 51512	STAPLS0197231903000001 OFFICE SUPPLIES 100-5211-531100	01/14/2022 MROCKLEY	01/26/2022	16.02 16.02	0.00	Paid	Y 01/26/2022
	SUPPLIES						
SURA MATTHEW J 51513	ZOOM.US 888-799-9666 2022 ZOOM MEMBERSHIP 150-5221-532400	01/03/2022 MROCKLEY	01/26/2022	149.90 149.90	0.00	Paid	Y 01/26/2022
	MEMBERSHIP DUES						
SURA MATTHEW J 51514	MICROSOFT*MICROSOFT 365 F MICROSOFT 365 MEMBERSHIP 2022 150-5221-532400	01/06/2022 MROCKLEY	01/26/2022	104.99 104.99	0.00	Paid	Y 01/26/2022
	MEMBERSHIP DUES						
SURA MATTHEW J 51515	APPLE.COM/BILL APPLE STORAGE 150-5231-531100	01/08/2022 MROCKLEY	01/26/2022	0.99 0.99	0.00	Paid	Y 01/26/2022
	SUPPLIES						
ARMOUR ABBY 51516	QDOBA 1857 CATERING STAFF LUNCH 440-5511-533500	12/16/2021 MROCKLEY	01/26/2022	283.50 283.50	0.00	Paid	Y 12/31/2021
	TRAINING & TRAVEL						
ARMOUR ABBY 51517	US BANK CREDIT FOR DOUBLE CHARGE 440-5511-533500	12/22/2021 MROCKLEY	01/26/2022	(523.19) (523.19)	0.00	Paid	Y 12/31/2021
	TRAINING & TRAVEL						
BITTNER RONALD 51518	DSPTS E SERVICE FEE COM VH ELEVATOR PAYMENT FEE 100-5160-521900	12/14/2021 MROCKLEY	01/26/2022	1.00 1.00	0.00	Paid	Y 12/31/2021
	PROFESSIONAL SERVICES						
BITTNER RONALD 51519	DSPTS EPAY ISE VH ELEVATOR PERMIT FEE 100-5160-521900	12/14/2021 MROCKLEY	01/26/2022	50.00 50.00	0.00	Paid	Y 12/31/2021
	PROFESSIONAL SERVICES						

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Purchase Card Vendor: 0002 US BANK							
BITTNER RONALD 51520	UW EXTENSION HORTICULTURE CLASSES BEN B. 100-5323-533500	12/16/2021 MROCKLEY	01/26/2022	50.00	0.00	Paid	Y 12/31/2021
	TRAINING & TRAVEL			50.00			
BITTNER RONALD 51521	BRAUN ELEVATOR ELEVATOR SERVICE 100-5160-539500	12/17/2021 MROCKLEY	01/26/2022	287.00	0.00	Paid	Y 12/31/2021
	REPAIRS & MAINTENANCE			287.00			
BITTNER RONALD 51522	UWCC REGISTRATIONS SUPERVISOR TRAINING BRENNEN M. 100-5323-533500	12/17/2021 MROCKLEY	01/26/2022	150.00	0.00	Paid	Y 12/31/2021
	TRAINING & TRAVEL			150.00			
BITTNER RONALD 51523	UWCC REGISTRATIONS SUPERVISOR TRAINING BRENNEN M. 100-5323-533500	12/17/2021 MROCKLEY	01/26/2022	150.00	0.00	Paid	Y 12/31/2021
	TRAINING & TRAVEL			150.00			
BITTNER RONALD 51524	UWCC REGISTRATIONS SUPERVISOR TRAINING BRENNEN M. 100-5323-533500	12/17/2021 MROCKLEY	01/26/2022	150.00	0.00	Paid	Y 12/31/2021
	TRAINING & TRAVEL			150.00			
BROWN DAVID 51525	PIZZA HUT 035644 WWTF- APPRECIATION LUNCH FOR VILLAGE 620-8010-827000	12/14/2021 MROCKLEY	01/26/2022	100.25	0.00	Paid	Y 12/31/2021
	OPERATION SUPPLY/EXPENSE			100.25			
BROWN DAVID 51526	PIZZA HUT 035644 WWTF- UTILITIES EMPLOYEE 620-8400-854100	12/14/2021 MROCKLEY	01/26/2022	83.69	0.00	Paid	Y 12/31/2021
	EDUCATIONAL/TRAINING EXPENSES			83.69			
DEMOTTO CHRIS 51527	RECON RELOCATION REPLACE OFFICE CHAIRS 100-5211-539500	12/21/2021 MROCKLEY	01/26/2022	760.00	0.00	Paid	Y 12/31/2021
	REPAIRS & MAINTENANCE			760.00			
DEMOTTO CHRIS 51528	BOY SCOUTS OF AMERICA POT EXPLORER POST DUES 340-5890-581100	12/22/2021 MROCKLEY	01/26/2022	639.60	0.00	Paid	Y 12/31/2021
	EQUIPMENT LESS THAN \$5000			639.60			

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Purchase Card Vendor: 0002 US BANK							
DOHERTY DIANA 51529	FEDEX 436284302 PAYROLL CHECKS FOR 2 EES NOT SET UP 100-5145-539900	12/29/2021 MROCKLEY OTHER	01/26/2022	40.20 40.20	0.00	Paid	Y 12/31/2021
DYKSTRA DIANA 51530	CKE*CROSSROADS PIZZA AND 2021 STAFF PIZZA LUNCH ALL DEPT 100-5142-539900	12/28/2021 MROCKLEY 2021 STAFF PIZZA LUNCH ALL DEPT	01/26/2022	151.06 151.06	0.00	Paid	Y 12/31/2021
GOURDOUX LINDA 51531	AMAZON.COM*PD8C34CS3 AMZN PENS - WEB CAMERA FOR DESK TOP 100-5632-531100	12/21/2021 MROCKLEY SUPPLIES	01/26/2022	78.31 78.31	0.00	Paid	Y 12/31/2021
ISELY MARY JO 51532	AMAZON.COM*QR11K1TN3 AMZN MAGAZINE 440-5511-532600	12/29/2021 MROCKLEY PERIODICALS	01/26/2022	30.00 30.00	0.00	Paid	Y 12/31/2021
KIM CATHRYN 51533	PICK N SAVE #384 STAFF CARDS 440-5890-580600	12/15/2021 MROCKLEY DONATED FUND EXPENDITURES	01/26/2022	25.00 25.00	0.00	Paid	Y 12/31/2021
KIM CATHRYN 51534	APPLE.COM/BILL COLORING APP 440-5511-531400	12/16/2021 MROCKLEY META SPACE EQUIPMENT & SUPPLIE	01/26/2022	2.61 2.61	0.00	Paid	Y 12/31/2021
KIM CATHRYN 51535	WAL-MART #1571 DIY PROGRAM 440-5511-533100	12/16/2021 MROCKLEY PROGRAMMING	01/26/2022	108.23 108.23	0.00	Paid	Y 12/31/2021
KIM CATHRYN 51536	THE HOME DEPOT #4921 WORKBENCH, SHELVING, LADDER 440-5511-531400	12/28/2021 MROCKLEY META SPACE EQUIPMENT & SUPPLIE	01/26/2022	2,162.57 2,162.57	0.00	Paid	Y 12/31/2021
KIM CATHRYN 51537	WAL-MART #1571 TVS 440-5511-531400	12/29/2021 MROCKLEY META SPACE EQUIPMENT & SUPPLIE	01/26/2022	1,356.00 1,356.00	0.00	Paid	Y 12/31/2021

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Purchase Card Vendor: 0002 US BANK							
KIM CATHRYN 51538	WAL-MART #1571 METASPACE SUPPLIES 440-5511-531400	12/29/2021 MROCKLEY	01/26/2022	655.80	0.00	Paid	Y 12/31/2021
	META SPACE EQUIPMENT & SUPPLIE			655.80			
KREISER ROBERT 51539	SIRCHIE FINGER PRINT LABO EVIDENCE PACKAGING SUPPLIES 100-5213-531100	12/13/2021 MROCKLEY	01/26/2022	349.44	0.00	Paid	Y 12/31/2021
	SUPPLIES			349.44			
MILLER KENNETH 51540	THE HOME DEPOT #4921 WATER/WWTF- TOOLS 620-8010-833000	12/14/2021 MROCKLEY	01/26/2022	50.97	0.00	Paid	Y 12/31/2021
	MAINT-TREATMENT/DISPOSAL PLANT			25.48			
	OPERATION SUPPLY/EXP-PUMPING			25.49			
MILLER KENNETH 51541	AMZN MKTP US*DZ5754LC3 WWTF LAB OVEN REPAIR PARTS 620-8010-826000	12/17/2021 MROCKLEY	01/26/2022	33.28	0.00	Paid	Y 12/31/2021
	LABORATORY			33.28			
STIEN JEFFREY R 51542	AMZN MKTP US*4X69D6363 AM PHONE DASH HOLDERS- AMBULANCE 150-5231-531100	12/15/2021 MROCKLEY	01/26/2022	74.07	0.00	Paid	Y 12/31/2021
	SUPPLIES			74.07			
STIEN JEFFREY R 51543	AMZN MKTP US*ZB8IN5NE3 3462 CORDS 150-5222-531100	12/16/2021 MROCKLEY	01/26/2022	80.45	0.00	Paid	Y 12/31/2021
	SUPPLIES			80.45			
STIEN JEFFREY R 51544	WM SUPERCENTER #1571 FIRE SUPPLIES 150-5222-531100	12/16/2021 MROCKLEY	01/26/2022	9.97	0.00	Paid	Y 12/31/2021
	SUPPLIES			9.97			
STIEN JEFFREY R 51545	AMAZON.COM*KP0JA3RX3 AMZN VEHICLE BRUSHES 150-5222-531100	12/17/2021 MROCKLEY	01/26/2022	48.18	0.00	Paid	Y 12/31/2021
	SUPPLIES			48.18			
STIEN JEFFREY R 51546	AMZN MKTP US*2N7282TX3 RTF TACITICAL BAGS 150-5231-531100	12/19/2021 MROCKLEY	01/26/2022	77.97	0.00	Paid	Y 12/31/2021
	SUPPLIES			77.97			

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Purchase Card Vendor: 0002 US BANK							
STREIT DANIEL 51547	AMAZON.COM*6Z6630EU3 AMZN TELEVISION MONITOR 100-5211-539500	12/16/2021 MROCKLEY	01/26/2022	477.99	0.00	Paid	Y 12/31/2021
	REPAIRS & MAINTENANCE			477.99			
STREIT DANIEL 51548	AMZN MKTP US*6W0WN8M53 TELEVISION MONITOR MOUNT 100-5211-539500	12/16/2021 MROCKLEY	01/26/2022	27.69	0.00	Paid	Y 12/31/2021
	REPAIRS & MAINTENANCE			27.69			
STREIT DANIEL 51549	US BANK NATIONAL PEN SALES TAX REFUND 100-5213-531100	12/21/2021 MROCKLEY	01/26/2022	(24.15)	0.00	Paid	Y 12/31/2021
	SUPPLIES			(24.15)			
STREIT DANIEL 51550	WISCONSIN CHIEFS OF POLIC WCPA 2022 MEMBERSHIP DUES STREIT 100-5211-532400	12/30/2021 MROCKLEY	01/26/2022	150.00	0.00	Paid	Y 01/26/2022
	MEMBERSHIP DUES			150.00			
STREIT DANIEL 51551	WISCONSIN POLICE LEADERSH WCPA WINTER CONFERENCE REGISTRATION 100-5211-533500	12/30/2021 MROCKLEY	01/26/2022	225.00	0.00	Paid	Y 01/26/2022
	TRAINING & TRAVEL			225.00			
SURA MATTHEW J 51552	FIRE MAUL TOOLS AMBULANCE EQUIPMENT 150-5700-571400	12/17/2021 MROCKLEY	01/26/2022	483.28	0.00	Paid	Y 12/31/2021
	AMBULANCE CAPITAL EQUIP			483.28			
SURA MATTHEW J 51553	IN *SCOTTS HEAVY TRUCK & 3461 DRAWER DIVIDER 150-5222-531100	12/23/2021 MROCKLEY	01/26/2022	87.78	0.00	Paid	Y 12/31/2021
	SUPPLIES			87.78			
Total Purchase Card Vendor: 0002 US BANK				12,484.68	0.00		

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Inv Num Inv Ref#	Vendor Description GL Distribution	Inv Date Entered By	Due Date	Inv Amt	Amt Due	Status	Jrnalized Post Date
# of Invoices:	68	# Due:	0	Totals:	13,032.02	0.00	
# of Credit Memos:	2	# Due:	0	Totals:	(547.34)	0.00	
Net of Invoices and Credit Memos:					12,484.68	0.00	

--- TOTALS BY GL DISTRIBUTION ---

100-5142-532400	MEMBERSHIP DUES	65.00
100-5142-539900	OTHER	151.06
100-5145-539900	OTHER	40.20
100-5160-521900	PROFESSIONAL SERVICES	51.00
100-5160-539500	REPAIRS & MAINTENANCE	287.00
100-5211-531100	SUPPLIES	52.19
100-5211-532400	MEMBERSHIP DUES	150.00
100-5211-533500	TRAINING & TRAVEL	225.00
100-5211-539500	REPAIRS & MAINTENANCE	1,284.67
100-5213-531100	SUPPLIES	325.29
100-5213-532400	MEMBERSHIP DUES	35.00
100-5241-531100	SUPPLIES	833.59
100-5323-531100	SUPPLIES	379.28
100-5323-533500	TRAINING & TRAVEL	500.00
100-5324-539500	REPAIRS & MAINTENANCE	72.88
100-5521-531100	SUPPLIES	60.97
100-5632-531100	SUPPLIES	78.31
150-5221-531100	SUPPLIES	71.06
150-5221-532400	MEMBERSHIP DUES	254.89
150-5222-531100	SUPPLIES	295.50
150-5231-531100	SUPPLIES	276.98
150-5700-571400	AMBULANCE CAPITAL EQUIP	483.28
340-5890-581100	EQUIPMENT LESS THAN \$5000	639.60
440-5511-531400	META SPACE EQUIPMENT & SUPPLIE	4,176.98
440-5511-532600	PERIODICALS	30.00
440-5511-533000	THINGERY PURCHASES	24.28
440-5511-533100	PROGRAMMING	108.23
440-5511-533300	OUTREACH	11.99
440-5511-533500	TRAINING & TRAVEL	(214.69)
440-5511-534000	DIGITAL MATERIALS	185.98
440-5890-580600	DONATED FUND EXPENDITURES	25.00
610-6210-662300	OPERATION SUPPLY/EXP-PUMPING	652.66
610-6300-663200	OPERATION SUPPLY/EXP-TREATMENT	4.00
620-8010-826000	LABORATORY	49.84
620-8010-827000	OPERATION SUPPLY/EXPENSE	708.49
620-8010-833000	MAINT-TREATMENT/DISPOSAL PLANT	25.48
620-8400-854100	EDUCATIONAL/TRAINING EXPENSES	83.69

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DB: Mukwonago

INVOICE REGISTER REPORT FOR MUKWONAGO
 EXP CHECK RUN DATES 01/26/2022 - 01/26/2022
 JOURNALIZED PAID
 BANK CODE: GEN - CHECK TYPE: EFT
 CREDIT CARD TRANSACTIONS FOR BOARD
 SORTED BY CARDHOLDER

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Inv Num Inv Ref#	Vendor Description	Inv Date Entered By	Due Date	Inv Amt	Amt Due	Status	Jrnalized Post Date
GL Distribution							
--- TOTALS BY FUND ---							
	100 - GENERAL FUND			4,591.44	0.00		
	150 - FIRE/AMBULANCE FUND			1,381.71	0.00		
	340 - VILLAGE DESIGNATED FUND			639.60	0.00		
	440 - LIBRARY FUND			4,347.77	0.00		
	610 - WATER UTILITY FUND			656.66	0.00		
	620 - SEWER UTILITY FUND			867.50	0.00		
--- TOTALS BY DEPT/ACTIVITY ---							
	5142 - CLERK-TREASURER			216.06	0.00		
	5145 - FINANCE DEPARTMENT			40.20	0.00		
	5160 - VILLAGE HALL			338.00	0.00		
	5211 - POLICE ADMINISTRATION			1,711.86	0.00		
	5213 - CRIME INVESTIGATION			360.29	0.00		
	5221 - FIRE ADMINISTRATION			325.95	0.00		
	5222 - FIRE SUPPRESSION			295.50	0.00		
	5231 - AMBULANCE			276.98	0.00		
	5241 - BUILDING INSPECTOR			833.59	0.00		
	5323 - GARAGE			879.28	0.00		
	5324 - MACHINERY & EQUIPMENT			72.88	0.00		
	5511 - LIBRARY SERVICES			4,322.77	0.00		
	5521 - PARKS			60.97	0.00		
	5632 - PLANNING DEPARTMENT			78.31	0.00		
	5700 - CAPITAL OUTLAY EXPENDITURES			483.28	0.00		
	5890 - USE OF DESIGNATED FUNDS			664.60	0.00		
	6210 - PUMPING MAINTENANCE			652.66	0.00		
	6300 - WATER TREATMENT OPERATIONS			4.00	0.00		
	8010 - WWTP-TREATMENT/DISPOSAL/GP			783.81	0.00		
	8400 - ADMINISTRATIVE & GENERAL			83.69	0.00		
--- TOTALS BY PAYMENT CARD ACCOUNT ---							
	0366			40.20			
	0707			4,457.19			
	1051			4.00			
	1086			833.59			
	1275			183.94			
	2365			54.28			
	2544			151.06			
	3064			1,399.60			
	4175			349.44			
	5311			(163.70)			

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INVOICE REGISTER REPORT FOR MUKWONAGO
EXP CHECK RUN DATES 01/26/2022 - 01/26/2022
JOURNALIZED PAID
BANK CODE: GEN - CHECK TYPE: EFT
CREDIT CARD TRANSACTIONS FOR BOARD
SORTED BY CARDHOLDER

Inv Num	Vendor	Inv Date	Due Date	Inv Amt	Amt Due	Status	Jrnalized
Inv Ref#	Description	Entered By					Post Date
	GL Distribution						
---	TOTALS BY PAYMENT CARD ACCOUNT ---						
	5538			962.71			
	5724			826.94			
	6347			143.31			
	6370			554.77			
	7403			16.56			
	8389			1,319.66			
	9625			473.81			
	9708			877.32			

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 DB: Mukwonago

INVOICE REGISTER REPORT FOR MUKWONAGO
 EXP CHECK RUN DATES 01/17/2022 - 01/17/2022
 JOURNALIZED PAID
 VENDOR CODE: 0034 - CHECK TYPE: EFT
 WE ENERGIES REPORT FOR BOARD

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Inv Num Inv Ref#	Vendor Description GL Distribution	Inv Date Entered By	Due Date	Inv Amt	Amt Due	Status	Jrnlized Post Date
3939549608 51432	WE ENERGIES 0700126680-00001 Digester Gas 620-8010-821200	12/28/2021 MROCKLEY	12/28/2021	1,383.46 1,383.46	0.00	Paid	Y 12/31/2021
3939549608 51433	WE ENERGIES 0700126680-00002 Well #3 Elec 610-6200-662200	12/28/2021 MROCKLEY	12/28/2021	1,263.63 1,263.63	0.00	Paid	Y 12/31/2021
3939549608 51434	WE ENERGIES 0700126680-00003 Street Lights 100-5342-522200	12/28/2021 MROCKLEY	12/28/2021	3,635.53 3,635.53	0.00	Paid	Y 12/31/2021
3939549608 51435	WE ENERGIES 0700126680-00004 Greenwald 610-6200-662200	12/28/2021 MROCKLEY	12/28/2021	174.29 174.29	0.00	Paid	Y 12/31/2021
3939549608 51436	WE ENERGIES 0700126680-00005 Booster Station 610-6200-662200	12/28/2021 MROCKLEY	12/28/2021	862.39 862.39	0.00	Paid	Y 12/31/2021
3939549608 51437	WE ENERGIES 0700126680-00007 1240 N. Rochester 620-8020-821000	12/28/2021 MROCKLEY	12/28/2021	127.89 127.89	0.00	Paid	Y 12/31/2021
3939549608 51438	WE ENERGIES 0700126680-00008 Police Garage 100-5211-522200	12/28/2021 MROCKLEY	12/28/2021	136.48 136.48	0.00	Paid	Y 12/31/2021
3939549608 51439	WE ENERGIES 0700126680-00009 Fld Prk Baseball 100-5521-522200	12/28/2021 MROCKLEY	12/28/2021	22.77 22.77	0.00	Paid	Y 12/31/2021
3939549608 51440	WE ENERGIES 0700126680-000010 Fox River View 620-8020-821000	12/28/2021 MROCKLEY	12/28/2021	187.46 187.46	0.00	Paid	Y 12/31/2021
3939549608 51441	WE ENERGIES 0700126680-000011 DPW Elec 100-5323-522200	12/28/2021 MROCKLEY	12/28/2021	400.39 400.39	0.00	Paid	Y 12/31/2021

INVOICE REGISTER REPORT FOR MUKWONAGO
 EXP CHECK RUN DATES 01/17/2022 - 01/17/2022
 JOURNALIZED PAID
 VENDOR CODE: 0034 - CHECK TYPE: EFT
 WE ENERGIES REPORT FOR BOARD

Inv Num Inv Ref#	Vendor Description GL Distribution	Inv Date Entered By	Due Date	Inv Amt	Amt Due	Status	Jrnlized Post Date
3939549608 51442	WE ENERGIES 0700126680-000012 Fire 150-5221-522200	12/28/2021 MROCKLEY	12/28/2021	2,234.72 2,234.72	0.00	Paid	Y 12/31/2021
3939549608 51443	WE ENERGIES 0700126680-000013 police-CTH E N of 100-5211-522200	12/28/2021 MROCKLEY	12/28/2021	19.51 19.51	0.00	Paid	Y 12/31/2021
3939549608 51444	WE ENERGIES 0700126680-000014 Hall 100-5160-522200	12/28/2021 MROCKLEY	12/28/2021	800.41 800.41	0.00	Paid	Y 12/31/2021
3939549608 51445	WE ENERGIES 0700126680-000014 Hall Gas 100-5160-522400	12/28/2021 MROCKLEY	12/28/2021	504.63 504.63	0.00	Paid	Y 12/31/2021
3939549608 51446	WE ENERGIES 0700126680-000016 Miniwauken Park 100-5521-522200	12/28/2021 MROCKLEY	12/28/2021	23.44 23.44	0.00	Paid	Y 12/31/2021
3939549608 51447	WE ENERGIES 0700126680-000017 Holz Elec 620-8010-821100	12/28/2021 MROCKLEY	12/28/2021	9,493.48 9,493.48	0.00	Paid	Y 12/31/2021
3939549608 51448	WE ENERGIES 0700126680-000018 Parks 100-5521-522200	12/28/2021 MROCKLEY	12/28/2021	24.51 24.51	0.00	Paid	Y 12/31/2021
3939549608 51449	WE ENERGIES 0700126680-000019 Atkinson Pump 620-8020-821000	12/28/2021 MROCKLEY	12/28/2021	396.83 396.83	0.00	Paid	Y 12/31/2021
3939549608 51450	WE ENERGIES 0700126680-000020 Well #6 610-6200-662200	12/28/2021 MROCKLEY	12/28/2021	965.30 965.30	0.00	Paid	Y 12/31/2021
3939549608 51451	WE ENERGIES 0700126680-000021 DPW Gas 100-5323-522400	12/28/2021 MROCKLEY	12/28/2021	633.66 633.66	0.00	Paid	Y 12/31/2021

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INVOICE REGISTER REPORT FOR MUKWONAGO
 EXP CHECK RUN DATES 01/17/2022 - 01/17/2022
 JOURNALIZED PAID
 VENDOR CODE: 0034 - CHECK TYPE: EFT
 WE ENERGIES REPORT FOR BOARD

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Inv Num Inv Ref#	Vendor Description GL Distribution	Inv Date Entered By	Due Date	Inv Amt	Amt Due	Status	Jrnlized Post Date
3939549608 51452	WE ENERGIES 0700126680-000022 Concession 100-5521-522200	12/28/2021 MROCKLEY	12/28/2021	90.00 90.00	0.00	Paid	Y 12/31/2021
3939549608 51453	WE ENERGIES 0700126680-000023 Well #3 Gas 610-6200-662200	12/28/2021 MROCKLEY	12/28/2021	20.46 20.46	0.00	Paid	Y 12/31/2021
3939549608 51454	WE ENERGIES 0700126680-000024 Parks-200 S 100-5342-522200	12/28/2021 MROCKLEY	12/28/2021	34.00 34.00	0.00	Paid	Y 12/31/2021
3939549608 51455	WE ENERGIES 0700126680-000027 Police 100-5211-522200	12/28/2021 MROCKLEY	12/28/2021	1,431.79 1,431.79	0.00	Paid	Y 12/31/2021
3939549608 51456	WE ENERGIES 0700126680-000028 Miniwaukan 100-5521-522200	12/28/2021 MROCKLEY	12/28/2021	29.00 29.00	0.00	Paid	Y 12/31/2021
3939549608 51457	WE ENERGIES 0700126680-000029 F. Park Sump Pump 100-5521-522200	12/28/2021 MROCKLEY	12/28/2021	22.90 22.90	0.00	Paid	Y 12/31/2021
3939549608 51458	WE ENERGIES 0700126680-000031 Holz Gas 620-8010-821200	12/28/2021 MROCKLEY	12/28/2021	141.81 141.81	0.00	Paid	Y 12/31/2021
3939549608 51459	WE ENERGIES 0700126680-000032 Well #4 Elec 610-6200-662200	12/28/2021 MROCKLEY	12/28/2021	1,740.55 1,740.55	0.00	Paid	Y 12/31/2021
3939549608 51460	WE ENERGIES 0700126680-000033 Parks 100-5521-522200	12/28/2021 MROCKLEY	12/28/2021	37.79 37.79	0.00	Paid	Y 12/31/2021
3939549608 51461	WE ENERGIES 0700126680-000034 Street Lights 100-5342-522200	12/28/2021 MROCKLEY	12/28/2021	74.13 74.13	0.00	Paid	Y 12/31/2021

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INVOICE REGISTER REPORT FOR MUKWONAGO
EXP CHECK RUN DATES 01/17/2022 - 01/17/2022
JOURNALIZED PAID
VENDOR CODE: 0034 - CHECK TYPE: EFT
WE ENERGIES REPORT FOR BOARD

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Inv Num Inv Ref#	Vendor Description GL Distribution	Inv Date Entered By	Due Date	Inv Amt	Amt Due	Status	Jrnlized Post Date
3939549608 51462	WE ENERGIES 0700126680-000036 Flashers 100-5211-522200	12/28/2021 MROCKLEY	12/28/2021	9.76 9.76	0.00	Paid	Y 12/31/2021
3939549608 51463	WE ENERGIES 0700126680-000037 Well #4 Gas 610-6200-662200	12/28/2021 MROCKLEY	12/28/2021	120.38 120.38	0.00	Paid	Y 12/31/2021
3939549608 51464	WE ENERGIES 0700126680-000038 Museum 100-5512-522200	12/28/2021 MROCKLEY	12/28/2021	311.24 311.24	0.00	Paid	Y 12/31/2021
3939549608 51465	WE ENERGIES 0700126680-000039 Well #5 610-6200-662200	12/28/2021 MROCKLEY	12/28/2021	2,699.92 2,699.92	0.00	Paid	Y 12/31/2021
3939549608 51466	WE ENERGIES 0709449777-00001 Library Gas 440-5511-522400	12/28/2021 MROCKLEY	12/28/2021	1,531.75 1,531.75	0.00	Paid	Y 12/31/2021
3939549608 51467	WE ENERGIES 0709449777-00002 Library Elec 440-5511-522200	12/28/2021 MROCKLEY	12/28/2021	2,479.34 2,479.34	0.00	Paid	Y 12/31/2021
3939549608 51468	WE ENERGIES 0712697628-00001 Tower Radio Bldg 100-5211-522200	12/28/2021 MROCKLEY	12/28/2021	24.25 24.25	0.00	Paid	Y 12/31/2021
3939549608 51469	WE ENERGIES 0712697628-00002 Mukw Dam 100-5254-522200	12/28/2021 MROCKLEY	12/28/2021	24.51 24.51	0.00	Paid	Y 12/31/2021
3939549608 51470	WE ENERGIES 0712697628-00003 PD Tower meter 100-5211-522200	12/28/2021 MROCKLEY	12/28/2021	46.62 46.62	0.00	Paid	Y 12/31/2021
3939549608 51471	WE ENERGIES 0712697628-00004 1224 Riverton 620-8020-821000	12/28/2021 MROCKLEY	12/28/2021	131.81 131.81	0.00	Paid	Y 12/31/2021

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User: MROCKLEY
DB: Mukwonago

INVOICE REGISTER REPORT FOR MUKWONAGO
EXP CHECK RUN DATES 01/17/2022 - 01/17/2022
JOURNALIZED PAID
VENDOR CODE: 0034 - CHECK TYPE: EFT
WE ENERGIES REPORT FOR BOARD

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Inv Num Inv Ref#	Vendor Description GL Distribution	Inv Date Entered By	Due Date	Inv Amt	Amt Due	Status	Jrnlized Post Date
3939549608 51472	WE ENERGIES 0712697628-00006 Well #7 610-6200-662200	12/28/2021 MROCKLEY 0712697628-00006 Well #7	12/28/2021	1,539.79 1,539.79	0.00	Paid	Y 12/31/2021
3939549608 51473	WE ENERGIES 0712697628-00007 School Crossing 100-5342-522200	12/28/2021 MROCKLEY 0712697628-00007 School Crossing Lights	12/28/2021	33.59 33.59	0.00	Paid	Y 12/31/2021
3976850121 51474	WE ENERGIES 0700126680-00015 STREET LIGHTS 100-5342-522200	12/29/2021 MROCKLEY 0700126680-00015 STREET LIGHTS	12/29/2021	9,922.68 9,922.68	0.00	Paid	Y 12/31/2021
3964750592 51475	WE ENERGIES 0700126680-00006 Field Park 100-5521-522200	12/16/2021 MROCKLEY 0700126680-00006 Field Park	12/16/2021	119.10 119.10	0.00	Paid	Y 12/31/2021
3964750592 51476	WE ENERGIES 0700126680-000025 Tower 610-6200-662200	12/16/2021 MROCKLEY 0700126680-000025 Tower	12/16/2021	32.27 32.27	0.00	Paid	Y 12/31/2021
3964750592 51477	WE ENERGIES 0700126680-00030 Andrews Street 100-5521-522200	12/16/2021 MROCKLEY 0700126680-00030 Andrews Street	12/16/2021	103.67 103.67	0.00	Paid	Y 12/31/2021

INVOICE REGISTER REPORT FOR MUKWONAGO
 EXP CHECK RUN DATES 01/17/2022 - 01/17/2022
 JOURNALIZED PAID
 VENDOR CODE: 0034 - CHECK TYPE: EFT
 WE ENERGIES REPORT FOR BOARD

Inv Num	Vendor	Inv Date	Due Date	Inv Amt	Amt Due	Status	Jrnlized
Inv Ref#	Description	Entered By					Post Date
	GL Distribution						

# of Invoices:	46	# Due:	0	Totals:	46,043.89	0.00
# of Credit Memos:	0	# Due:	0	Totals:	0.00	0.00
Net of Invoices and Credit Memos:					46,043.89	0.00

--- TOTALS BY GL DISTRIBUTION ---

100-5160-522200	ELECTRIC	800.41
100-5160-522400	GAS	504.63
100-5211-522200	ELECTRIC	1,668.41
100-5254-522200	ELECTRIC	24.51
100-5323-522200	ELECTRIC	400.39
100-5323-522400	GAS	633.66
100-5342-522200	ELECTRIC	13,699.93
100-5512-522200	ELECTRIC	311.24
100-5521-522200	ELECTRIC	473.18
150-5221-522200	ELECTRIC	2,234.72
440-5511-522200	ELECTRIC	2,479.34
440-5511-522400	GAS	1,531.75
610-6200-662200	FUEL OR POWER PURCHASED	9,418.98
620-8010-821100	WWTP ELECTRIC POWER	9,493.48
620-8010-821200	NAT GAS/ADMIN BLDG/HEAT EXCH	1,525.27
620-8020-821000	PUMPING POWER & FUEL	843.99

--- TOTALS BY FUND ---

100 - GENERAL FUND	18,516.36	0.00
150 - FIRE/AMBULANCE FUND	2,234.72	0.00
440 - LIBRARY FUND	4,011.09	0.00
610 - WATER UTILITY FUND	9,418.98	0.00
620 - SEWER UTILITY FUND	11,862.74	0.00

--- TOTALS BY DEPT/ACTIVITY ---

5160 - VILLAGE HALL	1,305.04	0.00
5211 - POLICE ADMINISTRATION	1,668.41	0.00
5221 - FIRE ADMINISTRATION	2,234.72	0.00
5254 - DAMS	24.51	0.00
5323 - GARAGE	1,034.05	0.00
5342 - STREET LIGHTING	13,699.93	0.00
5511 - LIBRARY SERVICES	4,011.09	0.00
5512 - MUSEUM	311.24	0.00
5521 - PARKS	473.18	0.00
6200 - PUMPING OPERATIONS	9,418.98	0.00
8010 - WWTP-TREATMENT/DISPOSAL/GP	11,018.75	0.00
8020 - LIFT STATIONS/PUMPING EQUIP	843.99	0.00

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CHECK DISBURSEMENT REPORT FOR MUKWONAGO
CHECK NUMBER 33263 - 33265
Banks: GEN

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Check Date	Bank	Check #	Payee	Description	GL #	Amount
01/11/2022	GEN	33263	ARROWHEAD BP	COURT FINES AND FEES	100-0000-233000	50.00
01/11/2022	GEN	33264	TREASURER STATE OF WI	COURT FINES & FEES	100-0000-242400	3,079.68
01/11/2022	GEN	33265	TREASURER WAUKESHA COUNTY	COURT FINES AND FEES	100-0000-243240	850.00
			TOTAL - ALL FUNDS	TOTAL OF 3 CHECKS		3,979.68

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DB: Mukwonago

CHECK DISBURSEMENT REPORT FOR MUKWONAGO
CHECK NUMBER 33181
Banks: GEN

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Check Date	Bank	Check #	Payee	Description	GL #	Amount
12/29/2021	GEN	33181	VILLAGE OF HALES CORNERS	SWANEY ADAM P JR 08251991	100-0000-233200	124.00
			TOTAL - ALL FUNDS	TOTAL OF 1 CHECKS		124.00

Check Date	Bank	Check #	Payee	Description	GL #	Amount
01/19/2022	GEN	33457	RACINE CLERK OF COURTS	KOEHLER SHANNON C#21-2912 W#21CT711	100-0000-233200	1,035.00
			TOTAL - ALL FUNDS	TOTAL OF 1 CHECKS		1,035.00

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DB: Mukwonago

CHECK DISBURSEMENT REPORT FOR MUKWONAGO
CHECK DATE FROM 01/19/2022 - 01/19/2022
Banks: GEN

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Check Date	Bank	Check #	Payee	Description	GL #	Amount
01/19/2022	GEN	33457	RACINE CLERK OF COURTS	KOEHLER SHANNON C#21-2912 W#21CT711	100-0000-233200	1,035.00
01/19/2022	GEN	33458	CHR HANSEN INC	UB REFUND #6548 - 600 PERKINS	610-0000-142000	161.45
		33458		UB REFUND #6548 - 600 PERKINS	620-0000-142000	28.50
						189.95
01/19/2022	GEN	33459	CITY OF MUSKEGO	2021 JUNE JULY BOTS ALCOHOL	100-4300-435500	274.96
01/19/2022	GEN	33460	COLLIN MARTIN	TAX OVERPAYMENT MUKV 2012256	720-0000-121100	105.71
01/19/2022	GEN	428 (E)	INVOICE CLOUD	INVOICE CLOUD MONTHLY FEES -	100-5142-539900	40.41
		428 (E)		INVOICE CLOUD MONTHLY FEES -	100-5241-539900	38.08
		428 (E)		INVOICE CLOUD MONTHLY FEES -	410-5363-539900	69.70
		428 (E)		INVOICE CLOUD MONTHLY FEES -	610-6902-690300	69.71
		428 (E)		INVOICE CLOUD MONTHLY FEES -	620-8300-840000	69.70
						287.60
01/19/2022	GEN	429 (E)	WI DEPT OF REVENUE QTRLY TAX	2022-2023 BUSINESS TAX REGISTRATION	100-5142-539900	10.00
		429 (E)		WI DEPT OF REVENUE QTRLY TAX	100-5160-539900	9.48
		429 (E)		WI DEPT OF REVENUE QTRLY TAX	100-5521-539900	54.77
		429 (E)		WI DEPT OF REVENUE QTRLY TAX	440-5511-539900	119.42
						193.67
			TOTAL - ALL FUNDS	TOTAL OF 6 CHECKS		2,086.89

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Check Date	Bank	Check #	Payee	Description	GL #	Amount
01/13/2022	GEN	33267	EAST TROY SCHOOL DISTRICT	JANUARY TAX SETTLEMENT	720-0000-246200	29,012.07
01/13/2022	GEN	33268	GATEWAY TECHNICAL COLLEGE	JANUARY TAX SETTLEMENT	720-0000-246300	2,478.77
01/13/2022	GEN	33269	MUKWONAGO AREA SCHOOLS	JANUARY TAX SETTLEMENT	720-0000-246000	2,742,085.80
01/13/2022	GEN	33270	PHANTOM LAKES MGMT DISTRICT	JANUARY TAX SETTLEMENT	720-0000-245000	21,757.00
01/13/2022	GEN	33271	WALWORTH CTY TREASURER	JANUARY TAX SETTLEMENT	720-0000-243110	12,515.46
01/13/2022	GEN	33272	WAUKESHA CTY TREASURER	JANUARY TAX SETTLEMENT	720-0000-243100	610,539.62
01/13/2022	GEN	33273	WCTC	JANUARY TAX SETTLEMENT	720-0000-246100	109,522.71
			TOTAL - ALL FUNDS	TOTAL OF 7 CHECKS		3,527,911.43

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Check Date	Bank	Check #	Payee	Description	GL #	Amount
01/20/2022	GEN	33565	R&R INSURANCE SERVICES	VEHICLE & CYBER LIABILITY POLICY #67153	100-5154-551000	8,364.40
		33565		2022 Q1 WORKERS COMP INSURANCE	100-5154-551100	13,259.93
		33565		VEHICLE & CYBER LIABILITY POLICY	100-5154-551200	1,419.01
		33565		VEHICLE & CYBER LIABILITY POLICY	100-5254-522600	92.22
		33565		VEHICLE & CYBER LIABILITY POLICY	150-5221-522600	22,576.47
		33565		VEHICLE & CYBER LIABILITY POLICY	410-5363-522600	346.12
		33565		VEHICLE & CYBER LIABILITY POLICY	440-5511-522600	221.72
		33565		VEHICLE & CYBER LIABILITY POLICY	500-5344-522600	92.22
		33565		VEHICLE & CYBER LIABILITY POLICY	610-6920-692400	2,583.77
		33565		VEHICLE & CYBER LIABILITY POLICY	620-8400-853000	3,303.14
						52,259.00
01/20/2022	GEN	33566	VILLAGE OF MUKWONAGO	2021 DECEMBER QUARTERLY UTILITY BILLS	100-5160-522100	624.83
		33566		2021 DECEMBER QUARTERLY UTILITY	100-5211-522100	548.39
		33566		2021 DECEMBER QUARTERLY UTILITY	100-5323-522100	971.83
		33566		2021 DECEMBER QUARTERLY UTILITY	100-5512-522100	111.51
		33566		2021 DECEMBER QUARTERLY UTILITY	100-5521-522100	981.57
		33566		2021 DECEMBER QUARTERLY UTILITY	150-5221-522100	678.72
		33566		2021 DECEMBER QUARTERLY UTILITY	440-5511-522100	640.19
		33566		2021 DECEMBER QUARTERLY UTILITY	610-6300-663200	854.59
		33566		2021 DECEMBER QUARTERLY UTILITY	620-8010-827000	4,197.21
						9,608.84
TOTAL - ALL FUNDS				TOTAL OF 2 CHECKS		61,867.84

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Check Date	Bank	Check #	Payee	Description	GL #	Amount
01/05/2022	GEN	33182	MINNESOTA LIFE INSURANCE	FEBRUARY 2022 LIFE INSURANCE	100-0000-215301	1,003.04
		33182		FEBRUARY 2022 LIFE INSURANCE	150-0000-215301	164.35
		33182		FEBRUARY 2022 LIFE INSURANCE	440-0000-215301	115.03
		33182		FEBRUARY 2022 LIFE INSURANCE	610-0000-215301	75.86
		33182		FEBRUARY 2022 LIFE INSURANCE	620-0000-215301	134.97
						1,493.25
01/05/2022	GEN	33183	MISSION SQUARE RETIREMENT	RETIREMENT PR 01/07/22 ACCT 305155	100-0000-215250	3,096.03
		33183		RETIREMENT PR 01/07/22 ACCT 305155	150-0000-215250	4.10
		33183		RETIREMENT PR 01/07/22 ACCT 305155	440-0000-215250	561.23
		33183		RETIREMENT PR 01/07/22 ACCT 305155	610-0000-215250	266.86
		33183		RETIREMENT PR 01/07/22 ACCT 305155	620-0000-215250	246.17
						4,174.39
01/05/2022	GEN	33184	SECURIAN FINANCIAL GROUP INC	JANUARY 2022 ACCIDENT INS	100-0000-215305	16.53
		33184		JANUARY 2022 ACCIDENT INS	150-0000-215305	0.37
						16.90
01/05/2022	GEN	427 (E)	GREAT WEST RETIREMENT SERVICES	RETIREMENT PR 01/07/2022	100-0000-215250	580.00
		427 (E)		RETIREMENT PR 01/07/2022	150-0000-215250	672.55
						1,252.55
			TOTAL - ALL FUNDS	TOTAL OF 4 CHECKS		6,937.09

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CHECK DISBURSEMENT REPORT FOR MUKWONAGO
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Check Date	Bank	Check #	Payee	Description	GL #	Amount
01/11/2022	GEN	33266	VILLAGE OF MUKWONAGO MRA	REPLENISH MRA ACCOUNT @ CBM	100-0000-216000	15,000.00
			TOTAL - ALL FUNDS	TOTAL OF 1 CHECKS		15,000.00

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Check Date	Bank	Check #	Payee	Description	GL #	Amount
01/20/2022	GEN	33461	AFLAC	ACCOUNT# V1553 SUPPLEMENTAL JANUARY	100-0000-215302	326.83
		33461		ACCOUNT# V1553 SUPPLEMENTAL JANUARY	150-0000-215302	311.55
		33461		ACCOUNT# V1553 SUPPLEMENTAL JANUARY	610-0000-215302	12.25
		33461		ACCOUNT# V1553 SUPPLEMENTAL JANUARY	620-0000-215302	221.13
						871.76
01/20/2022	GEN	33462	MISSION SQUARE RETIREMENT	RETIREMENT PR 01/21/22 ACCT 305155	100-0000-215250	3,175.69
		33462		RETIREMENT PR 01/21/22 ACCT 305155	150-0000-215250	0.79
		33462		RETIREMENT PR 01/21/22 ACCT 305155	440-0000-215250	686.23
		33462		RETIREMENT PR 01/21/22 ACCT 305155	610-0000-215250	220.46
		33462		RETIREMENT PR 01/21/22 ACCT 305155	620-0000-215250	324.35
						4,407.52
01/20/2022	GEN	33463	MUKWONAGO PROFESSIONAL	JANUARY 2022 FIRE UNION DUES	150-0000-215500	270.00
01/20/2022	GEN	33464	MUKWONAGO PROFESSIONAL POLICE	JANUARY 2022 POLICE UNION DUES	100-0000-215500	600.00
01/20/2022	GEN	33465	VILLAGE OF MUKWONAGO MRA	JANUARY 2022 FSA	100-0000-215350	1,357.28
		33465		JANUARY 2022 FSA	150-0000-215350	328.32
		33465		JANUARY 2022 FSA	610-0000-215350	9.71
		33465		JANUARY 2022 FSA	620-0000-215350	147.99
						1,843.30
01/20/2022	GEN	431 (E)	EMPLOYEE TRUST FUNDS	FEBRUARY 2022 HEALTH INSURANCE	100-0000-215300	51,895.77
		431 (E)		FEBRUARY 2022 HEALTH INSURANCE	150-0000-215300	8,298.87
		431 (E)		FEBRUARY 2022 HEALTH INSURANCE	440-0000-215300	5,864.57
		431 (E)		FEBRUARY 2022 HEALTH INSURANCE	610-0000-215300	4,989.05
		431 (E)		FEBRUARY 2022 HEALTH INSURANCE	620-0000-215300	4,430.96
						75,479.22
01/20/2022	GEN	432 (E)	GREAT WEST RETIREMENT SERVICES	RETIREMENT PR 01/21/22	100-0000-215250	580.00
		432 (E)		RETIREMENT PR 01/21/22	150-0000-215250	675.52
						1,255.52

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Check Date	Bank	Check #	Payee	Description	GL #	Amount
			TOTAL - ALL FUNDS	TOTAL OF 7 CHECKS		84,727.32

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Check Date	Bank	Check #	Payee	Description	GL #	Amount
01/26/2022	GEN	435 (E)	DELTA DENTAL OF WISCONSIN	FEBRUARY 2022 DENTAL PREMIUMS	100-0000-215304	390.11
		435 (E)		FEBRUARY 2022 DENTAL PREMIUMS	150-0000-215304	20.98
		435 (E)		FEBRUARY 2022 DENTAL PREMIUMS	440-0000-215304	51.72
		435 (E)		FEBRUARY 2022 DENTAL PREMIUMS	610-0000-215304	9.05
		435 (E)		FEBRUARY 2022 DENTAL PREMIUMS	620-0000-215304	0.44
						472.30
01/26/2022	GEN	436 (E)	DELTA DENTAL OF WISCONSIN	FEBRUARY 2022 VISION PREMIUMS	100-0000-215303	56.32
		436 (E)		FEBRUARY 2022 VISION PREMIUMS	440-0000-215303	30.04
						86.36
01/26/2022	GEN	437 (E)	UKG INC.	PAYROLL PROCESSING FEES DEC 2021	100-5111-539900	73.31
		437 (E)		PAYROLL PROCESSING FEES DEC 2021	100-5120-539900	20.95
		437 (E)		PAYROLL PROCESSING FEES DEC 2021	100-5141-539900	47.13
		437 (E)		PAYROLL PROCESSING FEES DEC 2021	100-5142-539900	31.42
		437 (E)		PAYROLL PROCESSING FEES DEC 2021	100-5211-539900	146.62
		437 (E)		PAYROLL PROCESSING FEES DEC 2021	100-5212-539900	157.09
		437 (E)		PAYROLL PROCESSING FEES DEC 2021	100-5213-521900	31.42
		437 (E)		PAYROLL PROCESSING FEES DEC 2021	100-5241-539900	36.65
		437 (E)		PAYROLL PROCESSING FEES DEC 2021	100-5300-539900	136.14
		437 (E)		PAYROLL PROCESSING FEES DEC 2021	100-5632-539900	15.71
		437 (E)		PAYROLL PROCESSING FEES DEC 2021	150-5221-539900	471.24
		437 (E)		PAYROLL PROCESSING FEES DEC 2021	440-5511-539900	225.16
		437 (E)		PAYROLL PROCESSING FEES DEC 2021	610-6902-690300	62.84
		437 (E)		PAYROLL PROCESSING FEES DEC 2021	620-8300-840000	68.07
						1,523.75
			TOTAL - ALL FUNDS	TOTAL OF 3 CHECKS		2,082.41

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01/27/2022	GEN	438 (E)	WI RETIREMENT SYSTEM	WISCONSIN RETIREMENT CONTRIBUTIONS - DEC 2021	100-0000-215200	34,318.71
		438 (E)		WISCONSIN RETIREMENT CONTRIBUTIONS -	150-0000-215200	15,252.53
		438 (E)		WISCONSIN RETIREMENT CONTRIBUTIONS -	440-0000-215200	5,523.84
		438 (E)		WISCONSIN RETIREMENT CONTRIBUTIONS -	610-0000-215200	2,462.34
		438 (E)		WISCONSIN RETIREMENT CONTRIBUTIONS -	620-0000-215200	2,282.54
						59,839.96
TOTAL - ALL FUNDS				TOTAL OF 1 CHECKS		59,839.96

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01/14/2022	GEN	33274	ALLISON KREMERS	TAX OVERPAYMENT MUKV 2012023	720-0000-121100	120.91
01/14/2022	GEN	33275	ANA MUSEITEF	TAX OVERPAYMENT MUKV 2091056	720-0000-121100	142.93
01/14/2022	GEN	33276	ANGELO RIVERA	TAX OVERPAYMENT MUKV 1963075	720-0000-121100	97.35
01/14/2022	GEN	33277	BEAR PLACE INVESTMENTS LLC	TAX OVERPAYMENT MUKV 1974908	720-0000-121100	190.58
01/14/2022	GEN	33278	BENJAMIN BERGLES	TAX OVERPAYMENT MUKV 1967174	720-0000-121100	112.23
01/14/2022	GEN	33279	BETH DUMS	TAX OVERPAYMENT MUKV 1976141	720-0000-121100	105.64
01/14/2022	GEN	33280	BILMAR PROPERTIES LLC	TAX OVERPAYMENT MUKV 1976132	720-0000-121100	68.01
01/14/2022	GEN	33281	BRIAN BENNEWITZ	TAX OVERPAYMENT MUKV 1969109	720-0000-121100	134.78
01/14/2022	GEN	33282	BRIAN CHAPIN	TAX OVERPAYMENT MUKV 1967111	720-0000-121100	109.93
01/14/2022	GEN	33283	BRIAN HUMANN	TAX OVERPAYMENT MUKV 1971004	720-0000-121100	119.93
01/14/2022	GEN	33284	BRIAN LEWIS	TAX OVERPAYMENT MUKV 1973054	720-0000-121100	41.31
01/14/2022	GEN	33285	BRUCE MARTIN	TAX OVERPAYMENT MUKV 1973229	720-0000-121100	96.38
01/14/2022	GEN	33286	BRYAN MILLER	TAX OVERPAYMENT MUKV 1969120	720-0000-121100	142.15
01/14/2022	GEN	33287	C&R JONES PROPERTIES LLC	TAX OVERPAYMENT MUKV 1974 935/936	720-0000-121100	50.42
01/14/2022	GEN	33288	CARRIE KURANDA	TAX OVERPAYMENT MUKV 1967057	720-0000-121100	101.37
01/14/2022	GEN	33289	CASEY NOEL	TAX OVERPAYMENT MUKV 1963026	720-0000-121100	31.23
01/14/2022	GEN	33290	CHAD KANE-TERHORST	TAX OVERPAYMENT MUKV 1973972	720-0000-121100	112.32
01/14/2022	GEN	33291	CHARLES KEMPF	TAX OVERPAYMENT MUKV 2010978021	720-0000-121100	71.78
01/14/2022	GEN	33292	CHARLES MCGAVER	TAX OVERPAYMENT OR 00051	720-0000-121100	594.00
01/14/2022	GEN	33293	CHRISTINE M GRILLI	TAX OVERPAYMENT MUKV 1963999018	720-0000-121100	101.37
01/14/2022	GEN	33294	CHRISTOPHER D GEORGALAS	TAX OVERPAYMENT MUKV 1968010	720-0000-121100	116.90
01/14/2022	GEN	33295	CHRISTOPHER TARR	TAX OVERPAYMENT MUKV 1971055	720-0000-121100	117.9

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Check Date	Bank	Check #	Payee	Description	GL #	Amount
01/14/2022	GEN	33296	CHRISTOPHER WASCHOW	TAX OVERPAYMENT MUKV 1973034	720-0000-121100	106.95
01/14/2022	GEN	33297	COLLIN MARTIN	TAX OVERPAYMENT MUKV 2012256 Void Reason: WRONG ADDRESS		** VOIDED **
01/14/2022	GEN	33298	CRYSTAL KUBIAK	TAX OVERPAYMENT MUKV 1969100	720-0000-121100	132.19
01/14/2022	GEN	33299	DANIEL BAILEY	TAX OVERPAYMENT MUKV 1965082	720-0000-121100	30.00
01/14/2022	GEN	33300	DANIEL GLUSICK	TAX OVERPAYMENT MUKV 1960019	720-0000-121100	151.73
01/14/2022	GEN	33301	DANIEL J BAUER	TAX OVERPAYMENT MUKV 1977106	720-0000-121100	139.34
01/14/2022	GEN	33302	DARLENE L PARKER	TAX OVERPAYMENT MUKV 1968089	720-0000-121100	129.60
01/14/2022	GEN	33303	DAVID DEZUR	TAX OVERPAYMENT MUKV 2011992012	720-0000-121100	124.48
01/14/2022	GEN	33304	DAVID HAUGHN	TAX OVERPAYMENT MUKV 1967097	720-0000-121100	116.23
01/14/2022	GEN	33305	DEAN HORVAT	TAX OVERPAYMENT MUKV 2011108	720-0000-121100	1,079.95
01/14/2022	GEN	33306	DENISE SHOROUGHIAN	TAX OVERPAYMENT MUKV 1963999030	720-0000-121100	98.32
01/14/2022	GEN	33307	DENNIS QUINDT	TAX OVERPAYMENT MUKV 2012030	720-0000-121100	103.00
01/14/2022	GEN	33308	DONALD GAINER	TAX OVERPAYMENT MUKV 1973 059/060	720-0000-121100	117.63
01/14/2022	GEN	33309	DOUGLAS FENNINGER	TAX OVERPAYMENT MUKV 1971112	720-0000-121100	104.15
01/14/2022	GEN	33310	DYLAN T CHELLEW	TAX OVERPAYMENT MUKV 1976930	720-0000-121100	97.68
01/14/2022	GEN	33311	EDWARD A WOLFE	TAX OVERPAYMENT MUKV 1969091	720-0000-121100	127.09
01/14/2022	GEN	33312	EDWARD M BURR	TAX OVERPAYMENT MUKV 2091008	720-0000-121100	154.16
01/14/2022	GEN	33313	ELIZABETH A SCHWADER	TAX OVERPAYMENT MUKV 1965042	720-0000-121100	124.06
01/14/2022	GEN	33314	ERIC M BRILL	TAX OVERPAYMENT MUKV 2091069	720-0000-121100	149.35
01/14/2022	GEN	33315	ERIC SCHREINDL	TAX OVERPAYMENT MUKV 1960135	720-0000-121100	147.93
01/14/2022	GEN	33316	ERIK BASTERASH	TAX OVERPAYMENT MUKV 1969030	720-0000-121100	133.28
01/14/2022	GEN	33317	FRACNIS SULLIVAN	TAX OVERPAYMENT MUKV 1960046	720-0000-121100	139.68
01/14/2022	GEN	33318	FRED H LIM	TAX OVERPAYMENT OR 00048	720-0000-121100	532.1

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Check Date	Bank	Check #	Payee	Description	GL #	Amount
01/14/2022	GEN	33319	FRED JAY KADE	TAX OVERPAYMENT MUKV 1971119	720-0000-121100	139.24
01/14/2022	GEN	33320	FREDERICK RAMGE	TAX OVERPAYMENT MUKV 1976956	720-0000-121100	130.13
01/14/2022	GEN	33321	FREDRICK GERBER	TAX OVERPAYMENT MUKV 1976984023	720-0000-121100	84.67
01/14/2022	GEN	33322	GARY R KUMMER	TAX OVERPAYMENT MUKV 1976154	720-0000-121100	95.18
01/14/2022	GEN	33323	GINA MURPHY	TAX OVERPAYMENT MUKV 1963999019	720-0000-121100	98.32
01/14/2022	GEN	33324	GLORIA CHRISTENSON	TAX OVERPAYMENT MUKV 1974054004	720-0000-121100	414.71
01/14/2022	GEN	33325	GREGORY MUELLER	TAX OVERPAYMENT MUKV 2012246	720-0000-121100	104.08
01/14/2022	GEN	33326	GREGORY WILLIAMS II	TAX OVERPAYMENT MUKV 2091071	720-0000-121100	72.67
01/14/2022	GEN	33327	HALLY KELLY	TAX OVERPAYMENT MUKV 1969043	720-0000-121100	125.58
01/14/2022	GEN	33328	HARRY S FETZER JR	TAX OVERPAYMENT MUKV 2012266	720-0000-121100	123.56
01/14/2022	GEN	33329	HEIDI PEZALL	TAX OVERPAYMENT MUKV 2011073	720-0000-121100	137.51
01/14/2022	GEN	33330	JACQUELINE SIGLIN-ROCHA	TAX OVERPAYMENT MUKV 1976197	720-0000-121100	100.93
01/14/2022	GEN	33331	JAMES HAASSER	TAX OVERPAYMENT MUKV 1969074	720-0000-121100	142.27
01/14/2022	GEN	33332	JAMES LAWIEN	TAX OVERPAYMENT MUKV 1963999047	720-0000-121100	98.12
01/14/2022	GEN	33333	JAMIE IMBERY	TAX OVERPAYMENT MUKV 1960010	720-0000-121100	130.34
01/14/2022	GEN	33334	JASON VERMEULEN	TAX OVERPAYMENT MUKV 1960072	720-0000-121100	130.46
01/14/2022	GEN	33335	JEFFREY SHERMAN	TAX OVERPAYMENT MUKV 1976939	720-0000-121100	71.14
01/14/2022	GEN	33336	JENNIFER RATH	TAX OVERPAYMENT MUKV 1976984003	720-0000-121100	84.88
01/14/2022	GEN	33337	JEREMY A TALBOTT	TAX OVERPAYMENT MUKV 2091096002	720-0000-121100	83.35
01/14/2022	GEN	33338	JLF REAL ESTATE LLC	TAX OVERPAYMENT MUKV 2009984	720-0000-121100	142.03
01/14/2022	GEN	33339	JOEL NELSON	TAX OVERPAYMENT MUKV 1967026	720-0000-121100	3,309.13
01/14/2022	GEN	33340	JOHN BEAUCHAMP	TAX OVERPAYMENT MUKV 1977008	720-0000-121100	145.32
01/14/2022	GEN	33341	JOHN BINIOK	TAX OVERPAYMENT MUKV 1976003	720-0000-121100	69.88

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01/14/2022	GEN	33342	JOHN E MCFADDEN	TAX OVERPAYMENT MUKV 1970030	720-0000-121100	95.51
01/14/2022	GEN	33343	JOHN ROCKTEACHER	TAX OVERPAYMENT MUKV 1974923015	720-0000-121100	103.00
01/14/2022	GEN	33344	JOSE GONZALEZ	TAX OVERPAYMENT MUKV 2012110	720-0000-121000	105.28
01/14/2022	GEN	33345	JOSEPH OBERLANDER	TAX OVERPAYMENT MUKV 1977039	720-0000-121100	146.20
01/14/2022	GEN	33346	JULIE ANN WAGROLET	TAX OVERPAYMENT MUKV 1967086	720-0000-121100	100.73
01/14/2022	GEN	33347	KATTRIN M QUINTANILLA	TAX OVERPAYMENT MUKV 1977096	720-0000-121100	150.75
01/14/2022	GEN	33348	KENDALL L RICHARD	TAX OVERPAYMENT MUKV 2011071	720-0000-121100	145.55
01/14/2022	GEN	33349	KERRY ANDERSEN	TAX OVERPAYMENT MUKV 1968096	720-0000-121100	121.78
01/14/2022	GEN	33350	KEVIN HENRICHS	TAX OVERPAYMENT MUKV 1971090	720-0000-121100	114.61
01/14/2022	GEN	33351	KEVIN WOJCIECHOWSKI	TAX OVERPAYMENT MUKV 1977111	720-0000-121100	162.91
01/14/2022	GEN	33352	KING GURINDER S PHUL	TAX OVERPAYMENT MUKV 1968123	720-0000-121100	126.11
01/14/2022	GEN	33353	LARRY WRIGHT	TAX OVERPAYMENT MUKV 2012252	720-0000-121100	102.56
01/14/2022	GEN	33354	LAYTON ASSELIN	TAX OVERPAYMENT MUKV 1960022	720-0000-121100	133.16
01/14/2022	GEN	33355	LEE TANG	TAX OVERPAYMENT MUKV 1968100	720-0000-121100	132.29
01/14/2022	GEN	33356	LINDA MICHALSKI	TAX OVERPAYMENT MUKV 1964987041	720-0000-121100	63.25
01/14/2022	GEN	33357	LISA KELLER	TAX OVERPAYMENT MUKV 1973246	720-0000-121100	96.92
01/14/2022	GEN	33358	MARGARET ENRIGHT	TAX OVERPAYMENT MUKV 1973168	720-0000-121100	108.43
01/14/2022	GEN	33359	MARILYN SCHWARTZ	TAX OVERPAYMENT MUKV 2091059	720-0000-121100	0.35
01/14/2022	GEN	33360	MARKUS MOVRICH	TAX OVERPAYMENT MUKV 1960007	720-0000-121100	146.62
01/14/2022	GEN	33361	MARY J LA TONA	TAX OVERPAYMENT MUKV 1974979004	720-0000-121100	120.87
01/14/2022	GEN	33362	MARY JANE WHITTY	TAX OVERPAYMENT MUKV 1965079	720-0000-121100	114.71
01/14/2022	GEN	33363	MARY KOEHLER LIVING TRUST	TAX OVERPAYMENT MUKV 1963999045	720-0000-121100	98.89

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Check Date	Bank	Check #	Payee	Description	GL #	Amount
01/14/2022	GEN	33364	MARY STREAM	TAX OVERPAYMENT MUKV 2091043	720-0000-121100	77.89
01/14/2022	GEN	33365	MATTHEW A LOS	TAX OVERPAYMENT MUKV 1967179	720-0000-121100	117.97
01/14/2022	GEN	33366	MATTHEW HUBACHER	TAX OVERPAYMENT MUKV 1973180	720-0000-121100	100.73
01/14/2022	GEN	33367	MATTHEW PARKS	TAX OVERPAYMENT MUKV 1968119	720-0000-121100	131.69
01/14/2022	GEN	33368	MELISSA CERNI	TAX OVERPAYMENT MUKV 2012254	720-0000-121100	117.18
01/14/2022	GEN	33369	MICHAEL BERENS	TAX OVERPAYMENT MUKV 1974027	720-0000-121100	103.77
01/14/2022	GEN	33370	MICHAEL CONTRERAS	TAX OVERPAYMENT MUKV 1978042	720-0000-121100	76.81
01/14/2022	GEN	33371	MICHAEL KINART	TAX OVERPAYMENT MUKV 1976951	720-0000-121100	110.15
01/14/2022	GEN	33372	MICHAEL SCHMELING	TAX OVERPAYMENT MUKV 1978049	720-0000-121100	133.93
01/14/2022	GEN	33373	MICHAEL WOS	TAX OVERPAYMENT MUKV 1977084	720-0000-121100	156.37
01/14/2022	GEN	33374	MIGUEL A RIVERA	TAX OVERPAYMENT MUKV 2012269	720-0000-121100	109.63
01/14/2022	GEN	33375	NICHOLAS ZMUDZINSKI	TAX OVERPAYMENT MUKV 1975945001	720-0000-121100	113.53
01/14/2022	GEN	33376	NICOLAS STAHL	TAX OVERPAYMENT MUKV 197120	720-0000-121100	134.69
01/14/2022	GEN	33377	NICOLE HURLEY	TAX OVERPAYMENT MUKV 1977078	720-0000-121100	137.28
01/14/2022	GEN	33378	NICOLE NAPIERALA	TAX OVERPAYMENT OR 00049	720-0000-121100	527.89
01/14/2022	GEN	33379	NOAH DRAKE	TAX OVERPAYMENT MUKV 1967160	720-0000-121100	110.15
01/14/2022	GEN	33380	PATRICIA L OSHEIM	TAX OVERPAYMENT MUKV 1968143	720-0000-121100	149.56
01/14/2022	GEN	33381	PAUL M CIELINSKI	TAX OVERPAYMENT MUKV 1977049	720-0000-121100	850.07
01/14/2022	GEN	33382	PAUL V WEINSTOCK JR	TAX OVERPAYMENT MUKV 1971047	720-0000-121100	114.61
01/14/2022	GEN	33383	RANDALL MEILLIER	TAX OVERPAYMENT MUKV 1976173	720-0000-121100	100.38
01/14/2022	GEN	33384	RANDY KITZMAN	TAX OVERPAYMENT MUKV 1975969002	720-0000-121100	918.64
01/14/2022	GEN	33385	RAYMOND SCHMIDT	TAX OVERPAYMENT MUKV 1974983	720-0000-121100	137.60
01/14/2022	GEN	33386	RICHARD TACZALA II	TAX OVERPAYMENT MUKV 1974070	720-0000-121100	111.75
01/14/2022	GEN	33387	RICHARD WITTE	TAX OVERPAYMENT MUKV 1974988	720-0000-121100	109.07

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Check Date	Bank	Check #	Payee	Description	GL #	Amount
01/14/2022	GEN	33388	ROBERT DUCHARME	TAX OVERPAYMENT MUKV 2012260	720-0000-121100	103.65
01/14/2022	GEN	33389	ROBERT TALATZKO	TAX OVERPAYMENT MUKV 2012068	720-0000-121100	108.31
01/14/2022	GEN	33390	ROBERT TAUER	TAX OVERPAYMENT MUKV 1967029	720-0000-121100	443.20
01/14/2022	GEN	33391	ROMAN TULER	TAX OVERPAYMENT MUKV 2012258	720-0000-121100	110.50
01/14/2022	GEN	33392	RONALD TALLINGER JR	TAX OVERPAYMENT MUKV 1960122	720-0000-121100	20.20
01/14/2022	GEN	33393	ROSS KORTH	TAX OVERPAYMENT A374300001	720-0000-121100	472.51
01/14/2022	GEN	33394	RYAN SIPPEL	TAX OVERPAYMENT OR 00036	720-0000-121100	560.94
01/14/2022	GEN	33395	RYAN SIPPEL	TAX OVERPAYMENT MUKV 2011069	720-0000-121100	2.56
01/14/2022	GEN	33396	SANDRA DUCLOIN	TAX OVERPAYMENT MUKV 1965069010	720-0000-121100	103.10
01/14/2022	GEN	33397	SARA PAULSON	TAX OVERPAYMENT MUKV 1977054	720-0000-121100	156.27
01/14/2022	GEN	33398	SARAH LAMARCHE	TAX OVERPAYMENT MUKV 1976011	720-0000-121100	70.37
01/14/2022	GEN	33399	SCOTT FERGUSON	TAX OVERPAYMENT MUKV 2012998002	720-0000-121100	108.75
01/14/2022	GEN	33400	SEAN DEBOTH	TAX OVERPAYMENT MUKV 1977080	720-0000-121100	137.28
01/14/2022	GEN	33401	SETH TURNER	TAX OVERPAYMENT MUKV 1976198	720-0000-121100	92.47
01/14/2022	GEN	33402	SHAWNA TEJADA	TAX OVERPAYMENT MUKV 1967101	720-0000-121100	111.57
01/14/2022	GEN	33403	SHAYNE PETTED	TAX OVERPAYMENT MUKV 1975959	720-0000-121100	98.77
01/14/2022	GEN	33404	SHELDON HANNEMAN	TAX OVERPAYMENT MUKV 1977118	720-0000-121100	135.24
01/14/2022	GEN	33405	SPENCER KRANZ	TAX OVERPAYMENT MUKV 1964011	720-0000-121100	114.52
01/14/2022	GEN	33406	STEVEN D KOSHERE	TAX OVERPAYMENT MUKV 2091033	720-0000-121100	149.46
01/14/2022	GEN	33407	STEVEN NICOSON OR ANITA NICOSON	TAX OVERPAYMENT MUKV 1965034	720-0000-121100	119.50
01/14/2022	GEN	33408	TERRY SAUNDERS	TAX OVERPAYMENT MUKV 1973970	720-0000-121100	117.97
01/14/2022	GEN	33409	TERRY ZINGSHEIM	TAX OVERPAYMENT MUKV 1968020	720-0000-121100	106.03
01/14/2022	GEN	33410	THEODORE M CALI	TAX OVERPAYMENT MUKV 1968103	720-0000-121100	137.51

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Check Date	Bank	Check #	Payee	Description	GL #	Amount
01/14/2022	GEN	33411	THOMAS & SALLY RAPPIS	TAX OVERPAYMENT MUKV 1965026	720-0000-121100	108.00
01/14/2022	GEN	33412	THOMAS R ROTH JR	TAX OVERPAYMENT MUKV 2091-989-019	720-0000-121100	116.23
01/14/2022	GEN	33413	THOMAS RYAN JR	TAX OVERPAYMENT MUKV 1968037	720-0000-121100	117.10
01/14/2022	GEN	33414	TIM RICHARDS	TAX OVERPAYMENT MUKV 1978036	720-0000-121100	127.73
01/14/2022	GEN	33415	TIMOTHY GEHL	TAX OVERPAYMENT MUKV 1962989012	720-0000-121100	149.02
01/14/2022	GEN	33416	TIMOTHY KROLL	TAX OVERPAYMENT MUKV 2091073	720-0000-121100	127.29
01/14/2022	GEN	33417	TODD BESCHTA	TAX OVERPAYMENT MUKV 1971092	720-0000-121100	120.04
01/14/2022	GEN	33418	TODD MILLER	TAX OVERPAYMENT MUKV 1969126	720-0000-121100	133.93
01/14/2022	GEN	33419	TRACY TOMPKINS	TAX OVERPAYMENT MUKV 1974951	720-0000-121100	98.77
01/14/2022	GEN	33420	TRAY A SADDY	TAX OVERPAYMENT MUKV 1960001	720-0000-121100	693.73
01/14/2022	GEN	33421	VALERIE S SEIDL	TAX OVERPAYMENT MUKV 1976049	720-0000-121100	6.31
01/14/2022	GEN	33422	VIRGINIA DECKER	TAX OVERPAYMENT MUKV 1974087001	720-0000-121100	201.35
01/14/2022	GEN	33423	WAYNE HAASE	TAX OVERPAYMENT MUKV 1967177	720-0000-121100	108.75
01/14/2022	GEN	33424	WILLIAM & KATHRYN MCCORMACK	TAX OVERPAYMENT MUKV 1960134	720-0000-121100	145.65
01/14/2022	GEN	33425	WILLIAM D THUMSTEDTER	TAX OVERPAYMENT MUKV 1971131	720-0000-121100	249.20
01/14/2022	GEN	33426	ZACHARY BRANDT	TAX OVERPAYMENT OR 00052	720-0000-121100	526.42
01/14/2022	GEN	33427	ZACHARY SCHNEIDER	TAX OVERPAYMENT MUKV 1974093	720-0000-121100	114.29
			TOTAL - ALL FUNDS	TOTAL OF 154 CHECKS (1 voided)		26,818.28

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Check Date	Bank	Check #	Payee	Description	GL #	Amount
01/26/2022	GEN	33567	AARON MANCL	TAX OVERPAYMENT MUKV 2011077	720-0000-121100	468.17
01/26/2022	GEN	33568	AMY SAPIENZA	TAX OVERPAYMENT MUKV 1964987060	720-0000-121100	201.25
01/26/2022	GEN	33569	BECKNER PROPERTIES LLC	TAX OVERPAYMENT MUKV 1976122	720-0000-121100	685.22
01/26/2022	GEN	33570	BETH ORMSBY	TAX OVERPAYMENT MUKV 1964987024	720-0000-121100	36.44
01/26/2022	GEN	33571	CHRISTOPHER MASSA	TAX OVERPAYMENT MUKV 1965090	720-0000-121100	103.32
01/26/2022	GEN	33572	DANIEL MICHALSKI	TAX OVERPAYMENT MUKV 2011107	720-0000-121100	151.73
01/26/2022	GEN	33573	DANIEL WENZEL	TAX OVERPAYMENT MUKV 1968050	720-0000-121100	3,649.25
01/26/2022	GEN	33574	EDWARD MUROCZEWSKI	TAX OVERPAYMENT MUKV 1968073	720-0000-121100	104.20
01/26/2022	GEN	33575	ELEGANT FARMER	TAX OVERPAYMENT VM 00010	720-0000-121100	62.54
01/26/2022	GEN	33576	ERIC COLLINS	TAX OVERPAYMENT AP 00065	720-0000-121100	730.35
01/26/2022	GEN	33577	ERIC SCHREINDL	TAX OVERPAYMENT MUKV 1960135	720-0000-121100	6,303.86
01/26/2022	GEN	33578	GREGORY NEHRBASS	TAX OVERPAYMENT MUKV 2010978080	720-0000-121100	3,588.89
01/26/2022	GEN	33579	HAYLEY B IVERS	TAX OVERPAYMENT MUKV 1960106	720-0000-121100	73.88
01/26/2022	GEN	33580	JAMES WOZNEY	TAX OVERPAYMENT MUKV 1978021	720-0000-121100	146.06
01/26/2022	GEN	33581	JEFFREY WEINKAUF	TAX OVERPAYMENT MUKV 2012065	720-0000-121100	105.06
01/26/2022	GEN	33582	JENNIFER PASKIEWICZ	TAX OVERPAYMENT MUKV 2010978071	720-0000-121100	69.93
01/26/2022	GEN	33583	JOHN BOUGNEIT	TAX OVERPAYMENT MUKV 1973983	720-0000-121100	95.61
01/26/2022	GEN	33584	JOHN SUGHROUE	TAX OVERPAYMENT MUKV 1960104	720-0000-121100	201.25
01/26/2022	GEN	33585	JONATHAN HURLEY	TAX OVERPAYMENT MUKV 1968130	720-0000-121100	5,665.08
01/26/2022	GEN	33586	JUSTEN LAST	TAX OVERPAYMENT MUKV 1973181	720-0000-121100	1,699.77
01/26/2022	GEN	33587	KAELYN L KENNEDY	TAX OVERPAYMENT MUKV 2010978012	720-0000-121100	103.91
01/26/2022	GEN	33588	KIMBERLY SCHLINDER	TAX OVERPAYMENT MUKV 2012250	720-0000-121100	109.84
01/26/2022	GEN	33589	LISA M SMITH	TAX OVERPAYMENT MUKV 1976984021	720-0000-121100	83.88

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Check Date	Bank	Check #	Payee	Description	GL #	Amount
01/26/2022	GEN	33590	LUKE BANDT	TAX OVERPAYMENT MUKV 1976006	720-0000-121100	70.68
01/26/2022	GEN	33591	MARGARETA S ZINKIEWICZ	TAX OVERPAYMENT MUKV 1960016	720-0000-121100	6,031.58
01/26/2022	GEN	33592	MARK PTASINKSI	TAX OVERPAYMENT MUKV 1967045	720-0000-121100	112.70
01/26/2022	GEN	33593	MATTHEW C HORN	TAX OVERPAYMENT OR 00007	720-0000-121100	422.03
01/26/2022	GEN	33594	MATTHEW J HINTZ	TAX OVERPAYMENT MUKV 1965026	720-0000-121100	114.08
01/26/2022	GEN	33595	MAURICE OTT	TAX OVERPAYMENT MUKV 2012001	720-0000-121100	109.84
01/26/2022	GEN	33596	MICHAEL MEININGER	TAX OVERPAYMENT MUKV 1974958	720-0000-121100	104.73
01/26/2022	GEN	33597	NICHOLAS TITZKOWSKI	TAX OVERPAYMENT MUKV 1965060	720-0000-121100	112.45
01/26/2022	GEN	33598	NICHOLAS WOJCIECHOWSKI	TAX OVERPAYMENT MUKV 2091046	720-0000-121100	144.26
01/26/2022	GEN	33599	PAUL GREENE	TAX OVERPAYMENT MUKV 1977037	720-0000-121100	272.09
01/26/2022	GEN	33600	PAUL MOSER	TAX OVERPAYMENT MUKV 1965046	720-0000-121100	122.22
01/26/2022	GEN	33601	PHILLIP KRAJNEK	TAX OVERPAYMENT MUKV 2011105	720-0000-121100	92.87
01/26/2022	GEN	33602	RICHARD SCOTT WROBLEWSKI	TAX OVERPAYMENT MUKV 1963999031	720-0000-121100	98.64
01/26/2022	GEN	33603	ROBERT STANFIELD	TAX OVERPAYMENT MUKV 1967138	720-0000-121100	112.00
01/26/2022	GEN	33604	ROY TALERT	TAX OVERPAYMENT MUKV 1960118	720-0000-121100	776.28
01/26/2022	GEN	33605	RUTH BILKE	TAX OVERPAYMENT MUKV 1970033	720-0000-121100	109.30
01/26/2022	GEN	33606	SAMUEL CAUDILLO	TAX OVERPAYMENT MUKV 1974934	720-0000-121100	2,496.15
01/26/2022	GEN	33607	SHANNON LADUE	TAX OVERPAYMENT MUKV 1963055	720-0000-121100	98.89
01/26/2022	GEN	33608	SHARON DICRISTO	TAX OVERPAYMENT MUKV 2010978056	720-0000-121100	2,998.56
01/26/2022	GEN	33609	SHAUN NOMMENSEN	TAX OVERPAYMENT MUKV 2011084	720-0000-121100	144.67
01/26/2022	GEN	33610	SHAWNA TEJADA	TAX OVERPAYMENT MUKV 1967101	720-0000-121100	3,524.81
01/26/2022	GEN	33611	SHIRLEY ORTWEIN	TAX OVERPAYMENT MUKV 1976984010	720-0000-121100	91.81

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Check Date	Bank	Check #	Payee	Description	GL #	Amount
01/26/2022	GEN	33612	STEPHAN MOSHER	TAX OVERPAYMENT MUKV 2011093	720-0000-121100	400.84
01/26/2022	GEN	33613	STEVEN P KAPPUS SR	TAX OVERPAYMENT MUKV 1973146	720-0000-121100	109.63
01/26/2022	GEN	33614	TERRENCE FOX	TAX OVERPAYMENT MUKV 1976155	720-0000-121100	92.75
01/26/2022	GEN	33615	TIMOTHY C DUNBAR	TAX OVERPAYMENT MUKV 2012163	720-0000-121100	52.94
01/26/2022	GEN	33616	TYLER RADTKE	TAX OVERPAYMENT MUKV 2012170001	720-0000-121100	93.66
01/26/2022	GEN	33617	WILLIAM M GRAF	TAX OVERPAYMENT MUKV 1969020	720-0000-121100	138.28
			TOTAL - ALL FUNDS	TOTAL OF 51 CHECKS		43,488.23



Agenda Item Cover Report

Date: 01/27/2022	Committee/Board: Finance Committee
Submitted by: John Fellows	Department: Planning
Date of Committee Action: 02/02/2021	Date of Village Board Action: 02/16/2022

Subject:

301 West Main Street – First Amendment to Assignment

Executive Summary:

Attached is a first amendment to the assignment. As you are aware the assignee did not meet the deadline set forth in Paragraph 4 of the original assignment which was to have the facility constructed by 12-31-2021. The development team has indicated that throughout 2021 they ran in to some unexpected situations such as cost increases. These unexpected items have delayed the project. The developer has received approval from the Village for site plan and conditional use approvals, received state approved plans, and are currently applying for a CDI grant with WEDC.

Attached is the legal document for your review and consideration.

Fiscal Impact:

None

Executive Recommendation/Action:

Staff recommends the Village Board approve the 301 West Main Street – First Amendment to Assignment

☒ **Attachments Included**

**HIPPENMEYER, REILLY, BLUM,
SCHMITZER, FABIAN & ENGLISH S.C.**

MARK G. BLUM
THOMAS G. SCHMITZER
LORI J. FABIAN
RONALD E. ENGLISH III
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720 CLINTON STREET
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WAUKESHA, WISCONSIN 53187-0766
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www.hrblawfirm.com

RICHARD S. HIPPENMEYER
(1911-1979)
WILLIAM F. REILLY
(1932-2007)

EMAIL: MGBLUM@HRBLAWFIRM.COM

January 13, 2022

Via Email ONLY

Mr. John Fellows
Village of Mukwonago
440 River Crest Court
Mukwonago, WI 53149

Ms. Diana Dykstra
Village of Mukwonago
440 River Crest Court
Mukwonago, WI 53149

Re: 301 West Main Street - First Amendment to Assignment

Dear John & Diana:

Enclosed is a First Amendment to Assignment of Offer to Purchase between the Village and E Love Coffee, LLC. As you are aware, the Assignee did not meet the deadline set forth in Paragraph 4 of the original Assignment. As a result, we are amending this agreement to extend the deadline now that a grant has been obtained for the construction of the improvements on the site. I would ask this be placed upon an upcoming Board meeting for action.

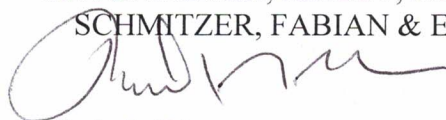
When we worked with this previously, the Stockwells were represented by an attorney. Because the status of that representation is not clear at this point, I would suggest that John reach out to the Stockwells with this First Amendment to verify it is acceptable to them, as I cannot communicate directly with a represented party.

John, I presume you will be preparing the AIRF that would go with this document. If not and you wish me to do so, please let me know so I can prepare the AIRF.

Thank you for your attention to this matter.

Sincerely,

HIPPENMEYER, REILLY, BLUM,
SCHMITZER, FABIAN & ENGLISH, S.C.



Mark G. Blum
Village Attorney

MGB/jb
Enc.

**First Amendment
Assignment of Offer to Purchase**

Document Number

Title of Document

The property affected by this Agreement is described as follows:

Lot 4, excepting the Southerly 6 feet thereof, and Lot 1, Block 16, in the Original Plat of the Village of Mukwonago, Waukesha County, Wisconsin.

Address: 301 West Main Street

Record this document with the Register of Deed.

Name and Return Address

Atty. Mark G. Blum
Hippenmeyer, Reilly, Blum, et. al.
PO Box 766
Waukesha, WI 53187-0766

MUKV1976128

(Parcel Identification Number)

Drafted By:

Attorney Mark G. Blum
Hippenmeyer, Reilly, Blum,
Schmitzer, Fabian & English, S.C.
720 Clinton St., PO Box 766
Waukesha, WI 53187-0766
Phone: (262) 549-8181
Email: mgblum@hrblawfirm.com

**FIRST AMENDMENT TO
ASSIGNMENT OF OFFER TO PURCHASE**

This First Amendment to Assignment of Offer to Purchase (hereinafter "First Amendment") is made and entered into this _____ day of _____, 2022, by and between the VILLAGE OF MUKWONAGO, a Wisconsin municipal corporation (hereinafter referred to as the "VILLAGE") and E Love Coffee, LLC, d/b/a Espresso Love Coffee (hereinafter referred to as ASSIGNEE").

WHEREAS, the Village entered into an Offer to Purchase with Mr. Dave Schwartz dated January 15, 2020 and accepted on February 20, 2020 for the purchase and sale of real estate at 301 West Main Street, Mukwonago, Wisconsin (hereinafter the "Offer"); and

WHEREAS, said Offer was amended in a document dated May 26, 2020 and accepted on May 27, 2020; and

WHEREAS, the Village entered into an agreement to assign its rights in the Offer to the Assignee, which document was signed on August 5, 2020; and

WHEREAS, the Assignment (a true and correct copy of which is attached hereto and marked Exhibit A) was recorded with the Waukesha County Register of Deeds Office on October 15, 2021 as Document No. 4625501 (hereinafter referred to as "Assignment"); and

WHEREAS, the Assignment provided, in Paragraph 4, that the Assignee agreed to complete the construction and obtain occupancy for the coffee shop to be built on the property at 301 West Main Street by December 31, 2021; and

WHEREAS, the Assignee has encountered difficulties with regard to financing the transaction; and

WHEREAS, the Village and the Assignee agree the date referenced in Paragraph 4 of the Assignment should be extended to April 30, 2023.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the parties do hereby covenant and agree as follows:

1. The Village and the Assignee agree that the Assignment attached hereto as Exhibit A shall be hereby amended to provide that the deadline for completion of construction and the obtaining of an Occupancy Permit for the coffee shop to be built at 301 West Main Street is hereby extended to April 30, 2023.

2. All other terms and conditions of the Assignment are hereby ratified and affirmed as set forth in the attached Exhibit A.

3. To the extent there is any inconsistency between this First Amendment and the Assignment, the terms of this First Amendment shall control.

4. The Village and Assignee agree that this First Amendment shall be recorded with the Waukesha County Register of Deeds.

5. This First Amendment shall be governed and construed in accordance with the laws of the State of Wisconsin, and represents the complete understanding of the parties with respect to the subject matter set forth here. This First Amendment may only be amended by a subsequent agreement executed by both parties.

VILLAGE:

Village of Mukwonago

Village of Mukwonago

By: _____
Fred Winchowky, President

By: _____
Diana Dykstra, Clerk

STATE OF WISCONSIN)
) ss.
COUNTY OF WAUKESHA)

Personally came before me, this ____ day of January, 2021, the above-named Fred Winchowky and Diana Dykstra, to me known to be the person who executed the foregoing instrument and acknowledged the same.

Notary Public, State of Wisconsin
My Commission is permanent/expires: _____

ASSIGNEE:

E Love Coffee, LLC

E Love Coffee, LLC

By: _____
David A. Stockwell, Member

By: _____
Tracy A. Stockwell, Member

STATE OF WISCONSIN)
) ss.
COUNTY OF WAUKESHA)

Personally came before me, this ____ day of January, 2022, the above-named David A. Stockwell and Tracy A. Stockwell, to me known to be the person who executed the foregoing instrument and acknowledged the same.

Notary Public, State of Wisconsin
My Commission is permanent/expires: _____

Assignment of Offer to Purchase

Document Number

Title of Document

4625501

REGISTER OF DEEDS
WAUKESHA COUNTY, WI
RECORDED ON

October 15, 2021 10:33 AM
James R Behrend
Register of Deeds

5 PGS
TOTAL FEE:\$30.00
TRANS FEE:\$0.00

Book Page -



The property affected by this Agreement is described as follows:

Lot 4, excepting the Southerly 6 feet thereof, and Lot 1, Block 16, in
the Original Plat of the Village of Mukwonago, Waukesha County,
Wisconsin.

Address: 301 Main Streert

Record this document with the Register of Deed.

Name and Return Address

Atty. Mark G. Blum
Hippenmeyer, Reilly, Blum, et. al.
PO Box 766
Waukesha, WI 53187-0766

MUKV1976128

(Parcel Identification Number)

Drafted By:

Attorney Mark G. Blum
Hippenmeyer, Reilly, Blum,
Schmitzer, Fabian & English, S.C.
720 Clinton St., PO Box 766
Waukesha, WI 53187-0766
Phone: (262) 549-8181
Email: mgbлум@hrblawfirm.com



ASSIGNMENT OF OFFER TO PURCHASE

This Assignment of Offer to Purchase is made and entered into this 5th day of August, 2020, by and between the VILLAGE OF MUKWONAGO, a Wisconsin municipal corporation (hereinafter referred to as the "VILLAGE") and Elovecoffee, LLC, d/b/a Espresso Love Coffee (hereinafter referred to as ASSIGNEE").

WHEREAS, the Village entered into an Offer to Purchase with Mr. Dave Schwartz dated January 15, 2020 and accepted on February 20, 2020 for the purchase and sale of real estate at 301 West Main Street, Mukwonago, Wisconsin (hereinafter the "Offer"); and

WHEREAS, said Offer was amended in a document dated May 26, 2020 and accepted on May 27, 2020; and

WHEREAS, the Village is desirous of assigning its rights under said Offer to the Assignee under the terms and conditions set forth herein.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the parties do hereby covenant and agree as follows:

1. Village does hereby agree to assign to Assignee all right, title and interest which it has to the Offer for the purchase of real estate at 301 West Main Street, Mukwonago, Wisconsin, subject to the conditions as set forth herein.
2. Assignee acknowledges that it has received a copy of the Environmental Site Assessment and follow up testing data from Endpoint Solutions, noting the existence of a reportable environmental condition on the property.
3. Assignee agrees to make all necessary reportings and filings with the Wisconsin Department of Natural Resources regarding said reportable environmental conditions and to follow through with the remediation of said reportable conditions within six (6) months of Assignee's closing on the purchase of the property.
4. Assignee represents that it is its intention to remodel, or raze and rebuild, the existing structure on the site for the purpose of creating a coffee shop with drive through. Assignee agrees to complete the construction and obtain occupancy for said coffee shop with drive through by December 31, 2021.
5. Following Assignee's purchase of the property, Assignee agrees to enter into an Easement Agreement in favor of the Village dedicating a portion of the property for public parking purposes for up to six parking stalls. The maintenance of the parking area with regard to snow and ice removal will be apportioned between the Village and the Assignee on a pro rata basis based on the respective rights of use of the parking area. This apportionment of maintenance responsibilities shall not include the construction or reconstruction of the parking area. The boundaries of the public parking area, as well as the form and terms of the Easement Agreement shall be subject to

the mutual approval of the Village and the Assignee, and shall be recorded immediately following the Assignee's purchase of the property.

6. The Village agrees to place the sum of \$209,000.00 in escrow to be held by the Village Finance Director and that said funds shall be utilized to reimburse the Assignee for its costs related to the environmental remediation of the site. Disbursement of the funds will be made within twenty (20) days of the Village's receipt of the invoice verifying the completion of the work. In the event the amount of reimbursement for environmental remediation fees is less than \$209,000.00, then the difference between the sum disbursed for environmental remediation purposes and the total amount being held in escrow shall be distributed to the Assignee for use in the remodeling, razing and/or rebuilding of the structure. Said disbursement will be made within twenty (20) days of the date an Occupancy Permit is issued for the remodeled structure at 301 West Main Street. The Assignee acknowledges that the Village has paid the sum of \$1,000.00 to the seller as earnest money as part of its Offer for the property at 301 W. Main St. Mukwonago. The disbursement of the funds to the Assignee as described above shall be reduced by said earnest money payment as Assignee shall have the benefit of said payment at the time of closing of its purchase of the property.

7. The Village and Assignee agree that in the event the property is sold by Assignee to a third party within five (5) years of Assignee's purchase of it, Assignee will reimburse the Village at the time of closing for any amounts it may have distributed to Assignee hereunder.

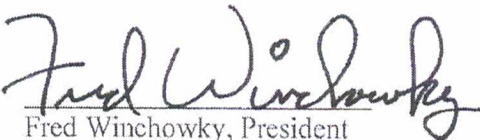
8. The Village and the Assignee agree this Assignment shall be recorded with the Waukesha County Register of Deeds.

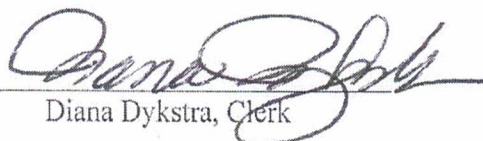
9. Assignee acknowledges that the Village is a Wisconsin municipal corporation and that its acquisition of the easement rights as provided for hereunder does not represent an exercise of the Village's eminent domain authority under Wisconsin Law.

VILLAGE:

Village of Mukwonago

Village of Mukwonago

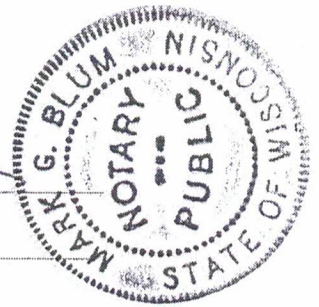
By: 
Fred Winchowky, President

By: 
Diana Dykstra, Clerk

STATE OF WISCONSIN)
) ss.
COUNTY OF WAUKESHA)

Personally came before me, this 5th day of August, 2020, the above-named Fred Winchowky and Diana Dykstra, to me known to be the person who executed the foregoing instrument and acknowledged the same.


Notary Public, State of Wisconsin
My Commission is permanent/expires: _____



ASSIGNEE: Elovecoffee, LLC

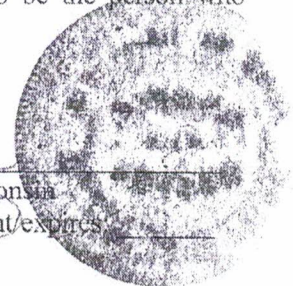
By: 
David A. Stockwell, Member

By: 
Tracy A. Stockwell, Member

STATE OF WISCONSIN)
) ss.
COUNTY OF WAUKESHA)

Personally came before me, this 24th day of August, 2020, the above-named David A. Stockwell and Tracy A. Stockwell, to me known to be the person who executed the foregoing instrument and acknowledged the same.


Notary Public, State of Wisconsin
My Commission is permanent/expires: _____

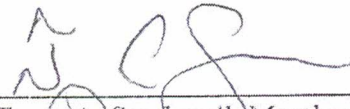


This instrument was drafted by:
Attorney Mark G. Blum
Hippenmeyer, Reilly, Blum,
Schmitzer, Fabian & English, S.C.
720 Clinton Street, PO Box 766
Waukesha, WI 53187-0766
Telephone: 262.549.8181
Email: mgbлум@hrblawfirm.com

Notary Public, State of Wisconsin
My Commission is permanent/expires: _____

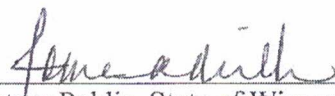
ASSIGNEE: Elovecoffee, LLC

By: 
David A. Stockwell, Member

By: 
Tracy A. Stockwell, Member

STATE OF WISCONSIN)
) ss.
COUNTY OF WAUKESHA)

Personally came before me, this 4th day of August, 2020, the above-named David A. Stockwell and Tracy A. Stockwell, to me known to be the person who executed the foregoing instrument and acknowledged the same.


Notary Public, State of Wisconsin
My Commission is permanent/expires: _____



This instrument was drafted by:
Attorney Mark G. Blum
Hippenmeyer, Reilly, Blum,
Schmitzer, Fabian & English, S.C.
720 Clinton Street, PO Box 766
Waukesha, WI 53187-0766
Telephone: 262.549.8181
Email: mgbalum@hrblawfirm.com



Agenda Cover Report

Date: 1/21/22	Committee/Board: Health and Recreation
Submitted by: Ron Bittner	Department: Public works
Date of Committee Action:	Date of Village Board Action:

Subject:

Discussion and possible recommendation to approve the professional service agreement with MSA for the Village's CORP update

Executive Summary:

CORPs are considered a 5-year plan for park improvements and additional facility requirements base on community needs and/or input. CORPs are also required for grant funding when they become available. MSA completed our 2017 plan and staff is recommending MSA for the update. The company has the village's background would not be required to start from the beginning.

Fiscal Impact:

MSA's quote of \$13,000 is under the anticipated fees. Staff was receiving estimates of \$15,000 - \$18,000.

Executive Recommendation/Action:

We are requesting a recommendation to approve the service agreement with MSA for the Village of Mukwonago Comprehensive Outdoor Recreation Plan update in the amount of \$13,000.

☐ Attachments Included

MSA Professional Service Agreement



Professional Services Agreement

MSA Project Number: 08352005

This AGREEMENT (Agreement) is made today January 25, 2022 by and between VILLAGE OF MUKWONAGO (OWNER) and MSA PROFESSIONAL SERVICES, INC. (MSA), which agree as follows:

Project Name: Village of Mukwonago CORP Update

The scope of the work authorized is: See Attachment A: Scope of Services

The schedule to perform the work is: Approximate Start Date: March 1, 2022
Approximate Completion Date: September 1, 2022

The lump sum fee for the work is: \$13,000

All services shall be performed in accordance with the General Terms and Conditions of MSA, which is attached and made part of this Agreement. Any attachments or exhibits referenced in this Agreement are made part of this Agreement. Payment for these services will be on a lump sum basis.

Approval: Authorization to proceed is acknowledged by signatures of the parties to this Agreement.

VILLAGE OF MUKWONAGO

Fred Winchowky
Village President
Date: _____

440 River Crest Court
Mukwonago, WI 53149
Phone: (262) 363-6420

MSA PROFESSIONAL SERVICES, INC.

Jason Valerius
Jason Valerius
Team Leader
Date: January 6, 2022

1702 Pankratz Street
Madison, WI 53704
Phone: (608) 242-6601

ATTACHMENT A: SCOPE OF SERVICES

COMPREHENSIVE OUTDOOR RECREATION PLAN UPDATE

Project Objective: Update the village's 2017-2022 Comprehensive Outdoor Recreation Plan (CORP). MSA will update the 2017 CORP InDesign file. The following phases and tasks will be incorporated:

PHASE 1 – EXISTING CONDITIONS ANALYSIS

TASK 1 | COMMITTEE OF THE WHOLE (COW) MEETING #1 – KICKOFF/SURVEY DEVELOPMENT MEETING

MSA will meet with the COW to review the project scope, timeline and roles of the consultant, COW, and staff. At the meeting, we will discuss needs and wants for the general park system. The COW will also review a draft copy of the survey and discuss survey outreach efforts. Village staff will provide input on pending maintenance and capital improvement projects.

TASK 2 | PARK INVENTORY

MSA will tour the village's parks to inventory and visually inspect the condition of existing park facilities. This information will be used to assist with the development of recommendations for maintenance or replacement of village-park facilities.

During the time between the first and second COW meetings, MSA will ask members of the COW to tour, individually or as a group (mobile meeting), the village's parks. MSA will provide COW members with a Park Assessment Form (PAF). The PAF will lead COW members through a process to identify improvement projects (wants vs. needs) considering a number of aspects (i.e. parking, signage, equipment, restrooms, etc.) per park. This process will aide existing and new COW members in reviewing the "status" of each village park and will serve to inform the recommendations of the updated CORP.

TASK 3 | EXISTING COMMUNITY CONDITIONS

MSA will review the following studies and incorporate applicable recommendations into the village's Comprehensive Outdoor Recreation Plan:

- Village of Mukwonago Comprehensive Plan other relevant studies
- Waukesha County Parks and Open Space Plan
- Wisconsin Statewide Comprehensive Outdoor Recreation Plan

PHASE 2 – PRELIMINARY PARK RECOMMENDATIONS

TASK 1 | MAPPING

MSA will generate three (3) maps that visually depict the location of existing parks and trails; facility distribution (e.g. tennis courts, ball diamonds, etc.); and park service areas. Park service areas will be based on the National Recreation and Park Association, Urban Land Institute, and Trust for Public Land's '10-Minute Walk' initiative. These maps will help identify existing and planned neighborhoods underserved by village parks or particular types of recreational facilities. The maps will also display the

location of public school facilities, county facilities, and other private recreational facilities in or near the village.

TASK 2 | COMMUNITY SURVEY

MSA will create an online survey in SurveyMonkey to help better understand community needs and wants related to the village's park system. MSA will also provide a PDF version of the survey that the village could mail to households, or print and have copies available at Village Hall or the Library. Any hard copies of the survey that are received can be entered by the village into SurveyMonkey. MSA will interpret and incorporate findings into the final plan the results of the survey.

PHASE 3 – PARK PLAN DEVELOPMENT

TASK 1 | CORP DEVELOPMENT

MSA will update the village's previous CORP document to create the 2022-2027 Village of Mukwonago Comprehensive Outdoor Recreation Plan. This includes updating the following sections:

- Chapter 1: Introduction/Summary of the Planning Process
- Chapter 2: Description of Mukwonago: *An update of existing and projected demographics; other applicable village planning efforts/studies.*
- Chapter 3: Park, Open Space and Recreation Inventory: *An updated inventory/description of existing park facilities, park types (e.g. mini-parks, community parks, etc.), trails, recreational programs and significant community natural resources, such as waterways, greenways, topography, woodlands, etc. Includes a summary of local recreational facilities not owned or operated by Mukwonago (e.g. school and facilities).*
- Chapter 4: Analysis of Needs and Demands: *An updated analysis of existing and future recreational demands using population projections and National Recreation and Park Association best practices to maintain or improve current level of services. MSA will complete a quantitative, qualitative and geographical analysis of needs and demands.*
- Chapter 5: Goals and Policies for Park and Recreation Planning: *A review and update of the goals and policies the village can use to guide the development of park and recreational facilities, based on best practices and industry recommendations, developed in concert with the village's Comprehensive Plan and 2017 CORP.*
- Chapter 6: Recommendations for Park and Recreational Planning: *A bulleted action plan including:*
 - *Improvements to existing park and recreational facilities, short term (within the next 5 years), and long-term (5 years and beyond)*
 - *Identification of proposed recreational trails or bike routes (general locations)*
 - *Identification of proposed new park facilities including any neighborhood parks, community parks, regional parks and special use facilities (general locations)*
- Chapter 7: Implementation: *Preliminary cost estimates (planning level estimates) for short-term recommendations by year, identification of potential grant funding sources, and updated review of parkland dedication/fee-in-lieu and park impact fee.*
- Appendix A: Survey Results
- Appendix B: Maps
 - Map 1: Existing Park and Recreation Areas

- Map 2: Park Facility Distribution
- Map 3: Park and Recreation Service Areas
- Map 4: Recommended Park, Trail and Open Space Facilities

MSA will forward a copy of the draft plan to village staff for review prior to COW Meeting #2.

TASK 2 | COW MEETING #2 – PLAN REVIEW & RECOMMENDATION

MSA will present the draft CORP plan to the COW for discussion. MSA anticipates that this meeting will include an opportunity for members of the public to provide feedback on the draft plan. Following the meeting MSA will make final edits to the draft CORP based on feedback.

PHASE 4 – CORP ADOPTION

TASK 1 | COW MEETING #3 –ADOPTION

Following the recommendation for adoption at Meeting #2, the COW will officially adopt the 2022-2027 Village of Mukwonago Comprehensive Outdoor Recreation Plan by resolution. MSA will provide the village with a sample resolution. *At the village’s discretion, the COW could hold a public hearing on the draft plan; however, this is not required.*

DELIVERABLES

A PDF copy of the adopted 2022-2027 Village of Mukwonago Comprehensive Outdoor Recreation Plan. MSA will provide village staff with copies of draft meeting materials, surveys, reports, maps, etc. in PDF format prior to those meetings described under this Scope of Services.

SCHEDULE

Given our experience with similar projects, MSA believes the project could be completed in less than 8 months depending on the final date meetings are held.

- February – Contracting
- April-May: Phase 1 Activities
 - COW Meeting #1
 - Existing Conditions Analysis
- June: Phase 2 Activities:
 - Develop Maps 1-3
 - Community Survey
- July-August: Phase 3 Activities:
 - Park Plan Development, Map 4
 - COW Meeting #2
- September: Phase 4 Activities:
 - COW Meeting #3
 - Final Deliverable

FEES

CORP Update	\$13,000.00
-------------	-------------

VILLAGE SERVICES

The following services shall be provided by the village:

- Printing of meeting material or draft copies of plans, reports, or maps for project meetings as needed.
- Noticing all meetings for the project as required.
- Maintaining official meeting minutes for all project meetings as required.
- Assisting with survey outreach.
- Printing and tabulating hard copy surveys as may be needed.
- Serving as the point of contact for the project including any public or media inquiries or requests for information.

SERVICES NOT PROVIDED AS PART OF THIS PROJECT

The following services are not included within the scope of services but can be completed by MSA upon authorization by the village on a time and materials basis:

- a. Additional Project Meetings or Public Involvement Meetings.
- b. Preparation and tabulation of hard copy versions of community survey.
- c. Site Topographic Survey/Boundary Surveys.
- d. Architectural planning and design services.
- e. Detailed site design development or construction documentation.
- f. No prints are included in this estimate.
- g. Grant Applications/Administration.
- h. Wetland Delineation(s).
- i. Archaeological/historical screening.

MSA PROFESSIONAL SERVICES, INC. (MSA)
GENERAL TERMS AND CONDITIONS OF SERVICES (PUBLIC)

1. **Scope and Fee.** The quoted fees and scope of services constitute the best estimate of the fees and tasks required to perform the services as defined. This agreement upon execution by both parties hereto, can be amended only by written instrument signed by both parties. For those projects involving conceptual or process development service, activities often cannot be fully defined during initial planning. As the project progresses, facts uncovered may reveal a change in direction which may alter the scope. MSA will promptly inform the OWNER in writing of such situations so that changes in this agreement can be made as required. The OWNER agrees to clarify and define project requirements and to provide such legal, accounting and insurance counseling services as may be required for the project.

2. **Billing.** MSA will bill the OWNER monthly with net payment due upon receipt. Past due balances shall be subject to an interest charge at a rate of 12% per year from said thirtieth day. In addition, MSA may, after giving seven days written notice, suspend service under any agreement until the OWNER has paid in full all amounts due for services rendered and expenses incurred, including the interest charge on past due invoices.

3. **Costs and Schedules.** Costs and schedule commitments shall be subject to change for delays caused by the OWNER's failure to provide specified facilities or information or for delays caused by unpredictable occurrences including, without limitation, fires, floods, riots, strikes, unavailability of labor or materials, delays or defaults, by suppliers of materials or services, process shutdowns, acts of God or the public enemy, or acts of regulations of any governmental agency. Temporary delays of services caused by any of the above which result in additional costs beyond those outlined may require renegotiation of this agreement.

4. **Access to Site.** Owner shall furnish right-of-entry on the project site for MSA and, if the site is not owned by Owner, warrants that permission has been granted to make planned explorations pursuant to the scope of services. MSA will take reasonable precautions to minimize damage to the site from use of equipment, but has not included costs for restoration of damage that may result and shall not be responsible for such costs.

5. **Location of Utilities.** Consultant shall use reasonable means to identify the location of buried utilities in the areas of subsurface exploration and shall take reasonable precautions to avoid any damage to the utilities noted. However, Owner agrees to indemnify and defend Consultant in the event of damage or injury arising from damage to or interference with subsurface structures or utilities which result from inaccuracies in information of instructions which have been furnished to Consultant by others.

6. **Professional Representative.** MSA intends to serve as the OWNER's professional representative for those services as defined in this agreement, and to provide advice and consultation to the OWNER as a professional. Any opinions of probable project costs, reviews and observations, and other decisions made by MSA for the OWNER are rendered on the basis of experience and qualifications and represents the professional judgment of MSA. However, MSA cannot and does not guarantee that proposals, bid or actual project or construction costs will not vary from the opinion of probable cost prepared by it.

7. **Construction.** This agreement shall not be construed as giving MSA, the responsibility or authority to direct or supervise construction means, methods, techniques, sequence, or procedures of construction selected by the contractors or subcontractors or the safety precautions and programs incident to the work of the contractors or subcontractors.

8. **Standard of Care.** In conducting the services, MSA will apply present professional, engineering and/or scientific judgment, and use a level of effort consistent with current professional standards in the same or similar locality under similar circumstances in performing the Services. The OWNER acknowledges that "current professional standards" shall mean the standard for professional services, measured as of the time those services are rendered, and not according to later standards, if such later standards purport to impose a higher degree of care upon MSA.

MSA does not make any warranty or guarantee, expressed or implied, nor have any agreement or contract for services subject to the provisions of any uniform commercial code. Similarly, MSA will not accept those terms and conditions offered by the OWNER in its purchase order, requisition, or notice of authorization to proceed, except as set forth herein or expressly agreed to in writing. Written acknowledgement of receipt, or the actual performance of services subsequent to receipt of such purchase order, requisition, or notice of authorization to proceed is specifically deemed not to constitute acceptance of any terms or conditions contrary to those set forth herein.

9. **Construction Site Visits.** MSA shall make visits to the site at intervals appropriate to the various stages of construction as MSA deems necessary in order to observe, as an experienced and qualified design professional, the progress and quality of the various aspects of Contractor's work.

The purpose of MSA's visits to, and representation at the site, will be to enable MSA to better carry out the duties and responsibilities assigned to and undertaken by MSA during the Construction Phase, and in addition, by the exercise of MSA's efforts as an experienced and qualified design professional, to provide for OWNER a greater degree of confidence that the completed work of Contractor will conform in general to the Contract Documents and that the integrity of the design concept of the completed Project as a functioning whole as indicated in the Contract Documents has been implemented and preserved by Contractor. On the other hand, MSA shall not, during such visits or as a result of such observations of Contractor's work in progress, supervise, direct or have control over Contractor's work nor shall MSA have authority over or responsibility for the means, methods, techniques, sequences or procedures of construction selected by Contractor, for safety precautions and programs incident to the work of Contractor or for any failure of Contractor to comply with laws, rules, regulations, ordinances, codes or orders applicable to Contractor's furnishing and performing the work. Accordingly, MSA neither guarantees the performance of any Contractor nor assumes responsibility for any Contractor's failure to furnish and perform its work in accordance with the Contract Documents.

10. **Termination.** This Agreement shall commence upon execution and shall remain in effect until terminated by either party, at such party's discretion, on not less than thirty (30) days' advance written notice. The effective date of the termination is the thirtieth day after the non-terminating party's receipt of the notice of termination. If MSA terminates the Agreement, the OWNER may, at its option, extend the terms of this Agreement to the extent necessary for MSA to complete any services that were ordered prior to the effective date of termination. If OWNER terminates this Agreement, OWNER shall pay MSA for all services performed prior to MSA's receipt of the notice of termination and for all work performed and/or expenses incurred by MSA in terminating Services begun after MSA's receipt of the termination notice. Termination hereunder shall operate to discharge only those obligations which are executory by either party on and after the effective date of termination. These General Terms and Conditions shall survive the completion of the services performed hereunder or the Termination of this Agreement for any cause.

This agreement cannot be changed or terminated orally. No waiver of compliance with any provision or condition hereof should be effective unless agreed in writing and duly executed by the parties hereto.

11. **Betterment.** If, due to MSA's error, any required or necessary item or component of the project is omitted from the construction documents, MSA's liability shall be limited to the reasonable costs of correction of the construction, less what OWNER'S cost of including the omitted item or component in the original construction would have been had the item or component not been omitted. It is intended by this provision that MSA will not be responsible for any cost or expense that provides betterment, upgrade, or enhancement of the project.

12. **Hazardous Substances.** OWNER acknowledges and agrees that MSA has had no role in generating, treating, storing, or disposing of hazardous substances or materials which may be present at the project site, and MSA has not benefited from the processes that produced such hazardous substances or materials. Any hazardous substances or materials encountered by or associated with Services provided by MSA on the project shall at no time be or become the property of MSA. MSA shall not be deemed to possess or control any hazardous substance or material at any time; arrangements for the treatment, storage, transport, or disposal of any hazardous substances or materials, which shall be made by MSA, are made solely and exclusively on OWNER's behalf for OWNER's benefit and at OWNER's direction. Nothing contained within this Agreement shall be construed or interpreted as requiring MSA to assume the status of a generator, storer, treater, or disposal facility as defined in any federal, state, or local statute, regulation, or rule governing treatment, storage, transport, and/or disposal of hazardous substances or materials.

All samples of hazardous substances, materials or contaminants are the property and responsibility of OWNER and shall be returned to OWNER at the end of a project for proper disposal. Alternate arrangements to ship such samples directly to a licensed disposal facility may be made at OWNER's request and expense and subject to this subparagraph.

13. **Insurance.** MSA will maintain insurance coverage for: Worker's Compensation, General Liability, and Professional Liability. MSA will provide information as to specific limits upon written request. If the OWNER requires coverages or limits in addition to those in effect as of the date of the agreement, premiums for additional insurance shall be paid by the OWNER. The liability of MSA to the OWNER for any indemnity commitments, or for any damages arising in any way out of performance of this contract is limited to such insurance coverages and amount which MSA has in effect.

14. **Reuse of Documents.** Reuse of any documents and/or services pertaining to this project by the OWNER or extensions of this project or on any other project shall be at the OWNER's sole risk. The OWNER agrees to defend, indemnify, and hold harmless MSA for all claims, damages, and expenses including attorneys' fees and costs arising out of such reuse of the documents and/or services by the OWNER or by others acting through the OWNER.

15. **Indemnification.** To the fullest extent permitted by law, MSA shall indemnify and hold harmless, OWNER, and OWNER's officers, directors, members, partners, agents, consultants, and employees (hereinafter "OWNER") from reasonable claims, costs, losses, and damages arising out of or relating to the PROJECT, provided that any such claim, cost, loss, or damage is attributable to bodily injury, sickness, disease, or death, or to injury to or destruction of tangible property (other than the Work itself) including the loss of use resulting therefrom but only to the extent caused by any negligent act or omission of MSA or MSA's officers, directors, members, partners, agents, employees, or Consultants (hereinafter "MSA"). In no event shall this indemnity agreement apply to claims between the OWNER and MSA. This indemnity agreement applies solely to claims of third parties. Furthermore, in no event shall this indemnity agreement apply to claims that MSA is responsible for attorneys' fees. This agreement does not give rise to any duty on the part of MSA to defend the OWNER on any claim arising under this agreement.

To the fullest extent permitted by law, OWNER shall indemnify and hold harmless, MSA, and MSA's officers, directors, members, partners, agents, consultants, and employees (hereinafter "MSA") from reasonable claims, costs, losses, and damages arising out of or relating to the PROJECT, provided that any such claim, cost, loss, or damage is attributable to bodily injury, sickness, disease, or death, or to injury to or destruction of tangible property (other than the Work itself) including the loss of use resulting therefrom but only to the extent caused by any negligent act or omission of the OWNER or the OWNER's officers, directors, members, partners, agents, employees, or Consultants (hereinafter "OWNER"). In no event shall this indemnity agreement apply to claims between MSA and the OWNER. This indemnity agreement applies solely to claims of third parties. Furthermore, in no event shall this indemnity agreement apply to claims that the OWNER is responsible for attorneys' fees. This agreement does not give rise to any duty on the part of the OWNER to defend MSA on any claim arising under this agreement.

To the fullest extent permitted by law, MSA's total liability to OWNER and anyone claiming by, through, or under OWNER for any cost, loss or damages caused in part or by the negligence of MSA and in part by the negligence of OWNER or any other negligent entity or individual, shall not exceed the percentage share that MSA's negligence bears to the total negligence of OWNER, MSA, and all other negligent entities and individuals.

Notwithstanding the foregoing, nothing contained within this Agreement is intended to be a waiver or estoppel of the Village of Mukwonago or its insurer's ability to rely upon the limitations, defenses and immunities contained within Wisconsin law, including, but not limited to, those contained within Wisconsin Statutes Sections 893.80, 895.52 and 345.05. To the extent that indemnification is available and enforceable, the Village of Mukwonago or its insurer shall not be liable in indemnity or contribution for an amount greater than the limits of liability for municipal claims established by Wisconsin law. The Village's obligation to indemnify hereunder is subject to the availability and limits of applicable insurance coverage. Under no circumstances shall the Village of Mukwonago be required to indemnify the contractor for its own negligent or intentional conduct.

16. **Dispute Resolution.** OWNER and MSA desire to resolve any disputes or areas of disagreement involving the subject matter of this Agreement by a mechanism that facilitates resolution of disputes by negotiation rather than by litigation. OWNER and MSA also acknowledge that issues and problems may arise after execution of this Agreement which were not anticipated or are not resolved by specific provisions in this Agreement. Accordingly, both OWNER and MSA will endeavor to settle all controversies, claims, counterclaims, disputes, and other matters in accordance with the Construction Industry Mediation Rules of the American Arbitration Association currently in effect, unless OWNER and MSA mutually agree otherwise. Demand for mediation shall be filed in writing with the other party to this Agreement. A demand for mediation shall be made within a reasonable time after the claim, dispute or other matter in question has arisen. In no event shall the demand for mediation be made after the date when institution of legal or equitable proceedings based on such claim, dispute or other matter in question would be barred by the applicable statute of limitations. Neither demand for mediation nor any term of this Dispute Resolution clause shall prevent the filing of a legal action where failing to do so may bar the action because of the applicable statute of limitations. If despite the good faith efforts of OWNER and MSA any controversy, claim, counterclaim, dispute, or other matter is not resolved through negotiation or mediation, OWNER and MSA agree and consent that such matter may be resolved through legal action in any state or federal court having jurisdiction.

17. **Exclusion of Special, Indirect, Consequential and Liquidated Damages.** Consultant shall not be liable, in contract or tort or otherwise, for any special, indirect, consequential, or liquidated damages including specifically, but without limitation, loss of profit or revenue, loss of capital, delay damages, loss of goodwill, claim of third parties, or similar damages arising out of or connected in any way to the project or this contract.

18. **State Law.** This agreement shall be construed and interpreted in accordance with the laws of the State of Wisconsin.

19. **Jurisdiction.** OWNER hereby irrevocably submits to the jurisdiction of the state courts of the State of Wisconsin for the purpose of any suit, action or other proceeding arising out of or based upon this Agreement. OWNER further consents that the venue for any legal proceedings related to this Agreement shall be, at MSA's option, Sauk County, Wisconsin, or any county in which MSA has an office.

20. **Understanding.** This agreement contains the entire understanding between the parties on the subject matter hereof and no representations, inducements, promises or agreements not embodied herein (unless agreed in writing duly executed) shall be of any force or effect, and this agreement supersedes any other prior understanding entered into between the parties on the subject matter hereto.



Agenda Item Cover Report

Date: 1/26/2022	Committee/Board: Public Works Committee
Submitted by: Wayne Castle	Department: Utilities
Date of Committee Action: 2/2/2022	Date of Village Board Action: 2/16/2022

Subject:

Ordinance to Amend Section 45-118 – Creating Subsection (c).

Executive Summary:

Create section in our ordinance which clearly states what will be allowed by a land owner for use in Village owned easements other than clear space and what protocols they must do and follow for permission to use easement.

Fiscal Impact:

No fiscal impact for the Village.

Executive Recommendation/Action:

The Public Works Committee is asked to make the motion and recommendation to approve ordinance amendment Section 45-118, Easements, Subsection (c) to the Village Board for approval.

☒ **Attachments Included**

**VILLAGE OF MUKWONAGO
WAUKESHA AND WALWORTH COUNTIES**

ORDINANCE NO. 1003

**ORDINANCE TO AMEND SECTION 45-118
OF THE VILLAGE OF MUKWONAGO MUNICIPAL CODE
TO CREATE SUBSECTION C**

The Village Board of the Village of Mukwonago do ordain as follows:

SECTION I

Section 45-118, Easements, Subsection (c) of the Municipal Code of the Village of Mukwonago is hereby created to read as follows:

- (c) Where public utility easements exist on private property, the Village shall not permit encroachment upon said easements or the use of any portion of the easement by private property owners absent the consent of the Utility Director, the Director of Public Works or the Village Board. The encroachment shall not include any above-ground structures, landscaping or improvements except for at-grade pavement, gravel, pavers or other materials to improve access to the applicant's property across the easement. If such approval is granted, the party seeking to encroach upon the public easement or to make use of said property shall be required to enter into a License Agreement with the Village in a form acceptable to the Village Attorney. The Licensee shall be required to indemnify and hold harmless the Village of Mukwonago as and against any and all claims, demands, actions or causes of action, including actual attorney fees, that may result from the approval of the License. The Licensee shall further be required to provide evidence annually that the Licensee, its agents, contractors, subcontractors and assigns, has public liability insurance with limits of not less than \$1 Million per occurrence and \$2 Million in the aggregate, which insurance names the Village of Mukwonago as an Additional Insured on a primary and non-contributory basis. The Licensee shall be required to further indemnify the Village, as Licensor, for any costs or expenses incurred by the Village as a result of the impact of the License on the public utilities, as well as the costs of any damages to public utilities arising from the exercise of the rights under the License. The Village shall have the right to repair, maintain and/or reconstruct the public utilities within the easement and should that work result in any disturbance of improvements made by the Licensee on the property, the cost of the restoration of the improvements shall solely be the responsibility of the Licensee. The Village Utility Director may require such additional provisions as may be appropriate given the individual circumstance of the particular License request to protect and preserve public assets. If any of the terms or conditions of the License Agreement are not followed, the Agreement shall be considered to be breached and may be terminated by the Village. The License Agreement shall be recorded with the Register of Deeds of the County in which the property is located and for which the License is given.

SECTION II

All Ordinances or parts of Ordinances contravening the terms and conditions of this Ordinance are hereby to that extent repealed.

SECTION III

The several sections of this Ordinance shall be considered severable. If any section shall be considered by a court of competent jurisdiction to be invalid, such decision shall not affect the validity of the other portions of the Ordinance.

SECTION IV

This Ordinance shall take effect upon passage and publication as approved by law, and the Village Clerk shall so amend the Code of Ordinances of the Village of Mukwonago, and shall indicate the date and number of this amending ordinance therein.

PASSED AND ADOPTED by the Village Board this 16th day of February, 2021.

APPROVED:

Fred Winchowky, Village President

Countersigned:

Diana Dykstra, Village Clerk/Treasurer

RESOLUTION NO. 2022-15

**A RESOLUTION TO APPROVE A REDUCTION IN THE LETTER OF CREDIT
FOR BOX SELF STORAGE DEVELOPMENT
IN THE VILLAGE OF MUKWONAGO**

WHEREAS, the Village Board of the Village of Mukwonago is required to approve a Reduction in a Letter of Credit based on the satisfactory completion and/or acceptance of public infrastructure as required under the terms of the developer's agreement, and

WHEREAS, Box Self Storage LLC has requested a Letter of Credit Reduction #3 for the development known as Box Self Storage on ES at Edgewood Drive, and

WHEREAS, the request includes lien waivers from Contractors performing parts of the work associated with the requested reduction, and a detailed breakdown request by category of work, and

WHEREAS, the Village Engineer has reviewed the request and the work completed for which the request is associated with and recommend that the current Letter of Credit be reduced as stated and as described in Exhibit A.

NOW, THEREFORE, BE IT RESOLVED the Village Board of the Village of Mukwonago, Wisconsin, hereby approves a reduction in the Letter of Credit for Box Self Storage by \$25,737.00 to a new Letter of Credit balance of \$79,998.00.

Passed and dated this 16th day of February, 2022.

By: _____
Fred Winchowky, Village President



Attest: _____
Diana A Dykstra, Village Clerk-Treasurer

January 17, 2022

Mr. Fred Winchowky
Village President
Village of Mukwonago
440 River Crest Court
Mukwonago, WI 53149

Re: Box Self Storage Development
Letter of Credit Reduction No. 3

Dear President Winchowky:

On January 3, 2022, we received a request to reduce the current Letter of Credit for the Box Self Storage Development. We have reviewed this request and find that the items in which a request for reduction is being made, have been sufficiently completed to the standards of the Village of Mukwonago. The following is a breakdown:

ITEM	Current LOC Amount	Reduction Amount	Remaining Balance
Storm Water Ponds Construction	\$5,511.00	\$5,511.00	\$0.00
Complete Water System Construction	\$0.00	\$0.00	\$0.00
Complete Storm Sewer Construction	\$3,213.50	\$3,213.50	\$0.00
Road Paving Including Stone Base, Curb & Gutter, & Binder Course	\$5,762.50	\$5,762.50	\$0.00
Surface Course Paving	\$11,250.00	\$11,250.00	\$0.00
Contingencies (20%)	\$79,998.00	\$0.00	\$79,998.00
Total Letter of Credit Amount:	\$105,735.00	\$25,737.00	\$79,998.00

We believe that the current Letter of Credit in the amount of \$105,735.00 can be reduced by \$25,737.00 resulting in a new letter of credit amount of **\$79,998.00**. The remaining value for contingencies will expire in the latter half of 2022 at which time we will review the site for any outstanding warranty work and evaluate an elimination of the letter of credit at that time. Lien Waivers have been submitted for the Contractors and Sub-Contractors responsible for the work. We recommend that you have your legal counsel review these waivers prior to approval – they are attached.

If you or any staff member should have any questions regarding this, please feel free to contact me at (262) 542-5733.

Respectfully,

RUEKERT & MIELKE, INC.



Peter W. Gesch, E.I.T.
Project Engineer
pgesch@ruekertmielke.com

Mr. Fred Winchowky
Box Self Storage – LOC Reduction #3
January 17, 2022
Page 2

PWG:pwg
Enclosure

cc: Diana Dykstra, Village of Mukwonago
Linda Gourdoux, Village of Mukwonago
Fred Schnook, Village of Mukwonago
Tim Rutenbeck, Village of Mukwonago
Mark G. Blum, Village of Mukwonago
Wayne Castle, Village of Mukwonago
Ron Bittner, Village of Mukwonago
John Fellows, Village of Mukwonago
Jerad J. Wegner, P.E., Ruekert & Mielke, Inc.

WAIVER OF LIEN

Date: 12/21/21

For value received, I hereby waive all rights and claims for lien on land and on buildings about to be erected, being erected, altered, or repaired and to the appurtenances hereunto,

for: Box Self Storage LLC and Ogden Midwest Funding III LLC owner,

by: D&L Grading

for: Storm Pond Reconstruction

same being situated in the State of Wisconsin, County of Waukesha described as,

1655 Van Buren Drive and Public Roadway (Van Buren Drive), Village of Mukwonago, WI

for all labor, services, materials, plans, or specifications performed, furnished or procured by undersigned for the erection, construction, alteration or repair of said building and appurtenances, except, None, In Full

Dylan E. Shuck pres.
D&L Grading Inc

FULL WAIVER OF CONSTRUCTION LIEN

§779.05, Wis. Stats.

Date: **December 20, 2021**

1. Claimant's Name: **Payne & Dolan Inc.**
 Claimant's Address: **N3W23650 Badinger Rd, Waukesha, WI 53187**

2. Property Improved by Contractor's Work (check one):
☒ Street address: **Public Roadway - Van Buren Dr. Mukwonago, WI.**
☐ Legal description attached.

3. Contractor's Work furnished at the request of:

BOX SELF STORAGE LLC
1665 N. Water St.
Milwaukee, WI 53202

4. Waiver of lien rights, contingent upon receipt of payment, is made for (select one):

☐ The following work:
☒ All past Work, including labor, services, material, plans or specifications performed or furnished at any time by the Contractor at the Property. This is a full waiver of all lien rights.

5. Title Companies, Lenders or others may require disclosure of the Contractor's subcontractors and material suppliers before disbursement of funds related to the Contractor's above-described Work. If so required, specify name(s) of Contractor's subcontractors and material suppliers furnishing any portion of the Work being waived:

CONTRACTOR NAME: **PAYNE & DOLAN INC.**

By: _____

DocuSigned by:

Jeff Batchelor@wallgroup.com

(signature)

Authorized Agent's Name: **Jeff Batchelor**

(print name of person signing above)

Title: **Agent**

Address: **N3W23650 Badinger Rd, Waukesha, WI 53187**

Telephone Number: **262-524-1700**

NOTE: This waiver is dependent upon the actual receipt of payment. If the check issued is returned "NSF" or payment stopped, this waiver of lien is void.

§779.05 Waivers of Lien. Provides, in part "(1) Any document signed by a lien claimant or potential claimant and purporting to be a waiver of construction lien rights under this subchapter, is valid and binding as a waiver whether or not consideration was paid therefor and whether the document was signed before or after the labor or material was furnished or contracted for. Any ambiguity in such document shall be construed against the person signing it. Any waiver document shall be deemed to waive all lien rights of the signer for all labor, services, material, plans or specifications performed, furnished or procured, or to be performed, furnished or procured by the claimant at any time for the improvement to which the waiver relates, except to the extent that the document specifically and expressly limits the waiver to apply to a particular portion of such labor, services, material, plans or specifications. A lien claimant or potential lien claimant of whom a waiver is requested is entitled to refuse to furnish a waiver unless paid in full for the labor, services, material, plans or specifications to which the waiver relates. A waiver furnished is a waiver of lien rights only, and not of any contract rights of the claimant otherwise existing."

Contractor's failure to pay its subcontractors or material suppliers from monies received for its Work may result in civil or criminal liability under Wisconsin's theft by contractor statute, §779.02(5), Wis. Stats.

WAIVER OF LIEN

Date: 12-27-2021

For value received, I hereby waive all rights and claims for lien on land and on buildings about to be erected, being erected, altered, or repaired and to the appurtenances hereunto,

for: Box Self Storage LLC and Ogden Midwest Funding III LLC owner,

by: R.G. Schmitt, Inc.

for: Storm Sewer Underground

same being situated in the State of Wisconsin, County of Waukesha described as,

1655 Van Buren Drive and Public Roadway (Van Buren Drive), Village of Mukwonago, WI

for all labor, services, materials, plans, or specifications performed, furnished or procured by undersigned for the erection, construction, alteration or repair of said building and appurtenances, except, None, In Full

R. G. Schmitt Inc
Gus Schmitt President

Waiver of Lien

Date 12/21/21

FOR Value received, we hereby waive all rights and claims for lien on land and/or buildings about to be, being erected, erected, altered or repaired and to appurtenances thereunto.

for Box Self Storage LLC (owner)

by D & L Grading, Inc (contractor)

for Storm Water Management and Retention pond reconstruction - IN Full -

same being situated in Waukesha County, State of Wisconsin,

described as Box Self Storage - Paid in full

for all labor performed and for all material furnished for the erection, construction, alteration or repair of said building (s), appurtenances, except NONE.



Benjamin W. Horn, Vice President D & L Grading Inc.

WAIVER OF LIEN

Date: 1/1/2022

For value received, I hereby waive all rights and claims for lien on land and on buildings about to be erected, being erected, altered, or repaired and to the appurtenances hereunto,

for: Box Self Storage LLC and Ogden Midwest Funding III LLC owner,

by: Graf Construction

for: Concrete Curb Installation and Materials

same being situated in the State of Wisconsin, County of Waukesha described as,

1655 Van Buren Drive and Public Roadway (Van Buren Drive), Village of Mukwonago, WI

for all labor, services, materials, plans, or specifications performed, furnished or procured by undersigned for the erection, construction, alteration or repair of said building and appurtenances, except, None, In Full

Tyler Graf

Tyler Graf

WAIVER OF LIEN

Date: 1/3/2022

For value received, I hereby waive all rights and claims for lien on land and on buildings about to be erected, being erected, altered, or repaired and to the appurtenances hereunto,

for: Box Self Storage LLC and Ogden Midwest Funding III LLC owner,

by: Workman Enterprises

for: Grading, Base Roadway, and Stone

same being situated in the State of Wisconsin, County of Waukesha described as,

1655 Van Buren Drive and Public Roadway (Van Buren Drive), Village of Mukwonago, WI

for all labor, services, materials, plans, or specifications performed, furnished or procured by undersigned for the erection, construction, alteration or repair of said building and appurtenances, except, None, In Full

 Brady Workman
Workman Enterprises LLC

January 21, 2022

Mr. Wayne Castle
Utility Director
Village of Mukwonago
440 River Crest Court
Mukwonago, WI 53149

RE: 2022 Well No. 6 Improvements

Dear Mr. Castle:

Bids for the above project were opened on Monday, January 17, 2022 at 9:00 a.m. at Village of Mukwonago and were as follows:

	BIDDER	BASE BID	MANDATORY ALTERNATE
1.	Water Well Solutions	\$30,575	\$7,475
2.	Mid-City Corporation	\$34,168	\$9,020
3.	Municipal Well & Pump.	\$39,330	\$8,870
4.	CTW Corp.	\$39,439	\$10,740

We reviewed the documentation submitted by the apparent low bidder and found that:

1. The Bid Form has been appropriately completed.
2. We have no objections to the low bidder.
3. Low bidder has successfully completed similar projects with the Village.

On these bases, we recommend that Water Well Solutions Wisconsin, LLC be awarded the 2022 Well No. 6 Improvements contract in the amount of \$38,050. This amount is based on the bid unit prices and estimated quantities. Actual quantities, and therefore the final contract price, may vary. On all construction projects, unpredictable factors may increase the final contract amount. For this reason, we recommend that the Village of Mukwonago include a 10 percent contingency when preparing the financial plan for this work.

Our review did not include an evaluation of bidder's current financial condition nor of their permanent safety program.

Should you decide to accept our recommendation, we have prepared the enclosed Notice of Award for your use. Please have the appropriate official sign where indicated and forward a signed copy of the Notice of Award to our office. We will then fill in the date at the top of page one and forward it, with contracts for execution, to the Contractor. One fully completed Notice of Award will be returned to you for your records.

Bids remain subject to acceptance until March 18, 2022, unless Bidder agrees to an extension. Please advise us of your award decision, or call if there are any questions.

Letter to Mr. Wayne Castle
2022 Well No. 6 Improvements
January 21, 2022
Page 2

Respectfully,

RUEKERT & MIELKE, INC.



Christopher L. Epstein, P.E. (WI)
Project Engineer
cepstein@ruekert-mielke.com

CLE:acI

Encl: Notice of Award
Bid Tabulation

cc: Diana Dykstra, Clerk/Treasurer - Village of Mukwonago
Dave Brown, Water Lead Operator – Village of Mukwonago
Jerad J. Wegner, P.E., Ruekert & Mielke, Inc.

NOTICE OF AWARD

COST COMPARISON OF BIDDERS

OWNER: Village of Mukwonago
PROJECT: 2022 Well No. 6 Improvements
BID OPENING DATE: January 18, 2022

BASE BID				Water Well Solutions		Mid-City Corp.		Municipal Well & Pump		CTW Corp.	
ITEM #	ITEM DESCRIPTION	UNIT	QTY.	UNIT \$	TOTAL	UNIT \$	TOTAL	UNIT \$	TOTAL	UNIT \$	TOTAL
1	Perform initial pump testing	HRS.	2	\$250.00	\$500.00	\$205.00	\$410.00	\$205.00	\$410.00	\$255.00	\$510.00
2	Refurbish pump bowl assembly	L.S.	1	\$2,100.00	\$2,100.00	\$4,500.00	\$4,500.00	\$3,360.00	\$3,360.00	\$5,345.00	\$5,345.00
3	Refurbish pump stuffing box	L.S.	1	\$195.00	\$195.00	\$400.00	\$400.00	\$340.00	\$340.00	\$215.00	\$215.00
4	Provide 6" dia, column pipe w/ coupling	FT.	80	\$45.75	\$3,660.00	\$41.00	\$3,280.00	\$46.00	\$3,680.00	\$47.40	\$3,792.00
5	Provide 1" dia, 416 stainless steel line shaft w/ couplings	FT.	80	\$17.50	\$1,400.00	\$20.00	\$1,600.00	\$23.00	\$1,840.00	\$18.40	\$1,472.00
6	Provide stainless steel line shaft sleeves	EA.	8	\$29.25	\$234.00	\$28.00	\$224.00	\$21.00	\$168.00	\$40.00	\$320.00
7	Provide bronze drop-in spiders	EA.	8	\$99.00	\$792.00	\$98.00	\$784.00	\$76.00	\$608.00	\$125.00	\$1,000.00
8	Provide submersible level transducer w/ 1" ADR21 PVC stilling tube	L.S.	1	\$1,529.00	\$1,529.00	\$2,550.00	\$2,550.00	\$4,090.00	\$4,090.00	\$3,270.00	\$3,270.00
9	Provide air lines and altitude gauge	L.S.	1	\$300.00	\$300.00	\$150.00	\$150.00	\$290.00	\$290.00	\$95.00	\$95.00
10	Televis well and perform well condition evaluation	L.S.	1	\$500.00	\$500.00	\$1,200.00	\$1,200.00	\$710.00	\$710.00	\$1,025.00	\$1,025.00
11	Mechanically scrub well casing and borehole w/ wire brush	L.S.	1	\$500.00	\$500.00	\$1,320.00	\$1,320.00	\$560.00	\$560.00	\$610.00	\$610.00
12	Bail well	HRS.	1	\$295.00	\$295.00	\$220.00	\$220.00	\$280.00	\$280.00	\$290.00	\$290.00
13	Perform acid treatment of well	L.S.	1	\$3,950.00	\$3,950.00	\$3,200.00	\$3,200.00	\$2,900.00	\$2,900.00	\$5,990.00	\$5,990.00
14	Surging of acid solution	HRS.	6	\$215.00	\$1,290.00	\$220.00	\$1,320.00	\$207.00	\$1,242.00		\$230.00
15	Perform chlorine treatment of well	L.S.	1	\$2,250.00	\$2,250.00	\$2,800.00	\$2,800.00	\$1,540.00	\$1,540.00	\$4,200.00	\$4,200.00
16	Surging of chlorine treatment of well	HRS.	6	\$225.00	\$1,350.00	\$220.00	\$1,320.00	\$207.00	\$1,242.00		\$230.00
17	Post well work televising	L.S.	1	\$400.00	\$400.00	\$1,200.00	\$1,200.00	\$710.00	\$710.00	\$1,025.00	\$1,025.00
18	Perform final pump testing	HRS.	2	\$240.00	\$480.00	\$110.00	\$220.00	\$205.00	\$410.00		\$510.00
19	Provide remaining work not itemized above for Section 33 21 13.30 Potable Well Chemical Well Treatment	L.S.	1	\$5,350.00	\$5,350.00	\$2,000.00	\$2,000.00	\$2,250.00	\$2,250.00	\$4,370.00	\$4,370.00
20	Provide remaining work not itemized above for Section 43 21 13.10 Well Pump-Open Lineshaft	L.S.	1	\$3,500.00	\$3,500.00	\$5,470.00	\$5,470.00	\$12,700.00	\$12,700.00	\$4,940.00	\$4,940.00
TOTAL OF ALL ESTIMATED PRICES (ITEMS 1 - 20)					\$30,575.00		\$34,168.00		\$39,330.00		\$39,439.00 *
Mandatory Alternate A											
MA-A1	Provide new pump bowl assembly. Duty point: 350 GPM at 252 feet. TDH.	L.S.	1	\$7,475.00	\$7,475.00	\$9,020.00	\$9,020.00	\$8,870.00	\$8,870.00	\$10,740.00	\$10,740.00
Total of All Mandatory Alternate A Bid Prices					\$7,475.00		\$9,020.00		\$8,870.00		\$10,740.00
Total of All Estimated Bid Prices					\$38,050.00		\$43,188.00		\$48,200.00		\$50,179.00

*Corrected Base Bid Total from Bid Meeting reporting

TASK ORDER

This is Task Order No. (2022-01),
consisting of 3 pages
Village of Mukwonago
*Rochester Street Sanitary Sewer and
Water Main Relay – 60% Plans*

Task Order

In accordance with the Agreement Amendment between Village of Mukwonago (Owner) and Ruekert-Mielke, Inc. (Engineer) dated February 20, 2019, Owner and Engineer agree as follows:

1. Specific Project Data

- A. Title: Rochester Street Sanitary Sewer and Water Main Relay – 60% Plans
- B. Description: Provide engineering related services for the survey and design of the relay to the sanitary sewer and water main along Rochester Street from Lincoln Avenue to Blood Street, Fox Street from Grand Avenue to Rochester Street, and Pearl Avenue from Grand Avenue to Rochester Street.

2. Services of Engineer

The existing sanitary sewer will be relayed in Rochester Street. Laterals in the relay area, if any, will be relayed to the right of way line.

The existing 4-inch and 8-inch water main will be replaced within the project limits with an 8-inch to 12-inch water main. Water services in the relay area will be replaced from the main to curb stop at the right-of-way line. Hydrant relocations or reinstallations are anticipated.

Phase 200 – Design and Bidding (60% Plans)

- Perform measure downs of existing infrastructure structures,
- Prepare plan and profile set of drawings along the centerline alignment for sanitary sewer relay,
- Prepare plan and profile set of drawings along the centerline alignment for water main relay,
- Prepare plan of drawings for construction details,
- Facilitate 60% design meeting with Village staff.

Work Available as additional services:

The following services are not included in this effort because we have assumed they are not necessary or the scope of such services has not yet been defined:

- Easements, title searches or other property acquisition services,
- SEWRPC coordination,
- ACOE and DNR permitting,
- Wetland delineations,
- Archaeological survey,
- Environmental assessments or investigations,
- Funding requirements,
- Floodplain analysis and approvals,
- Permit applications not listed,
- Public Information Meetings,
- All construction and bidding phase services via a separate Task Order.

3. Owner's Responsibilities

The Village will Coordinate with Ruekert Mielke staff to review draft plans.

TASK ORDER

4. Times for Rendering Services

Phase
200

Completion Date
April 1, 2022

5. Payments to Engineer

A. Owner shall pay Engineer for services rendered as follows:

<u>Category of Services</u>	<u>Compensation Method</u>	<u>Estimate of Compensation for Services</u>
200 Design	Hourly Rates	\$30,215

B. The terms of payment are set forth in the Standard Terms and Conditions.

6. Consultants

N/A

7. Other Modifications to Standard Terms and Conditions

N/A

8. Attachments

Level of Effort breakdown for Survey and 60% Design.

9. Documents Incorporated by Reference

Ruekert & Mielke, Inc. / Village of Mukwonago Master Agreement

TASK ORDER

Terms and Conditions: Execution of this Task Order by Owner and Engineer shall make it subject to terms and conditions, (as modified above) set forth in the Master Engineering Agreement Amendment between Owner and Engineer, dated February 20, 2019, which are incorporated by this reference. Engineer is authorized to begin performance upon its receipt of a copy of this Task Order signed by Owner.

The Effective Date of this Task Order is _____, _____.

OWNER:

Village of Mukwonago

Signature: _____

Name: _____

Title: _____

Date: _____

ENGINEER:

Ruekert & Mielke, Inc.

Signature:  _____

Name: Steven C. Wurster, P.E.

Title: Senior Vice President/COO

Date: January 21, 2022

Digitally signed by Steven C.
Wurster
Date: 2022.01.26 17:45:34
-06'00'

DESIGNATED REPRESENTATIVE FOR TASK ORDER

Name: _____

Title: _____

Address: _____

Email: _____

Phone: _____

Fax: _____

Name: Michael E. Michalski

Title: Project Engineer

Address: W233 N2080 Ridgeview Parkway
Waukesha, WI 53188-1020

Email: mmichalski@ruekert-mielke.com

Phone: 262-953-3004

Fax: 262-542-5631

Rochester Street Sanitary Sewer & Water Main Relay
Design Estimate - 60% Plans

	Jerad Wegner	Michael Michalski	Drafting	Survey	Survey	Other Expenses	
Initials	JJW	MEM					
Employee Class	E6	E3	ET-3	RLS	Crew		Task Total
Hourly Rates	\$ 160	\$ 129	\$ 121	\$ 139	\$ 218		Dollars
Field Survey							
Perform Site Survey and Measure Downs				3	74		\$ 16,549
Design							
Project Coordination	2						\$ 320
Design and Drafting of Sanitary Sewer		16	21				\$ 4,605
Design and Drafting of Water Main		36	21				\$ 7,185
Construction Sequencing, Erosion Control Plan, Notes and Details		2	2				\$ 500
Utility Coordination		2	1				\$ 379
60% Design Review							
Internal Quality Control Review	1	2					\$ 418
Village of Mukwonago Review		2					\$ 258
Survey, Design and Bidding Phase Subtotal (Hours) =	3	60	45	3	74		
Survey, Design and Bidding Phase Subtotal (Dollars) =	\$ 480	\$ 7,740	\$ 5,445	\$ 417	\$ 16,132	\$ -	\$ 30,215

This is Task Order No. (2022-03),
consisting of 3 pages
Village of Mukwonago
*Holz Parkway & Miniwaukan Park
Pond Dredging*

Task Order

In accordance with the Agreement Amendment between Village of Mukwonago (Owner) and Ruekert & Mielke, Inc. (Engineer) dated February 20, 2019, Owner and Engineer agree as follows:

1. Specific Project Data

- A. Title: Holz Parkway & Miniwaukan Park Pond Dredging
- B. Description: Provide engineering related services for the survey, design, and bidding of the dredging to Holz Parkway and Miniwaukan Park storm water ponds.

2. Services of Engineer

Phase 200 – Survey, Design and Bidding

- Prepare and coordinate overall project schedule,
- Perform site topographic survey, including storm water sediment depths,
- Site visit to review layout and planned construction,
- Wetland delineation,
- Environmental assessments and investigations,
- Coordinate environmental testing agency for testing of sediment contaminants,
- Prepare plan of drawings for the proposed sediment removal and stockpiling,
- Prepare plan of drawings for construction details and erosion control,
- Prepare project specifications and other bidding documents,
- WDNR wetland permitting,
- ACOE coordination,
- Upload bidding documents for online viewing/ordering,
- Answer Contractor questions during bidding period,
- Attend Bid Opening,
- Review bids for completion of all contract requirements. Review prequalification statements, and bidder references,
- Issue Recommendation of Award and Notice of Award,
- Attend Village Board meeting to answer questions about the award of the project.

Work Available as additional services:

The following services are not included in this effort because we have assumed they are not necessary, or the scope of such services has not yet been defined:

- Easements, title searches or other property acquisition services,
- Environmental Phase 1, 2 or 3 investigations or permitting,
- SEWRPC coordination,
- Archaeological survey,
- Funding requirements,
- Floodplain analysis and approvals,
- Permit applications not listed,
- Public Information Meetings,
- All construction phase services via a separate Task Order.

TASK ORDER

3. Owner's Responsibilities

The Village will Coordinate with Ruekert Mielke staff to review draft plans.

4. Times for Rendering Services

<u>Phase</u>	<u>Completion Date</u>
Advertisement for Bid	June 8, 2022
Bid Opening	June 22, 2022
Recommendation of Award	July 6, 2022

5. Payments to Engineer

A. Owner shall pay Engineer for services rendered as follows:

<u>Category of Services</u>	<u>Compensation Method</u>	<u>Estimate of Compensation for Services</u>
200 Design and Bidding	Lump Sum	\$35,475

B. The terms of payment are set forth in the Standard Terms and Conditions.

6. Consultants

An environmental testing agency for testing of sediment contaminants.

7. Other Modifications to Standard Terms and Conditions

N/A

8. Attachments

Level of Effort breakdown for Survey, Design and Bidding.

9. Documents Incorporated by Reference

Ruekert & Mielke, Inc. / Village of Mukwonago Master Agreement

TASK ORDER

Terms and Conditions: Execution of this Task Order by Owner and Engineer shall make it subject to terms and conditions, (as modified above) set forth in the Master Engineering Agreement Amendment between Owner and Engineer, dated February 20, 2019, which are incorporated by this reference. Engineer is authorized to begin performance upon its receipt of a copy of this Task Order signed by Owner.

The Effective Date of this Task Order is _____, _____.

OWNER:

Village of Mukwonago

Signature: _____

Name: _____

Title: _____

Date: _____

ENGINEER:

Ruekert & Mielke, Inc.

Signature:  _____

Name: Steven C. Wurster, P.E.

Title: Senior Vice President/COO

Date: January 26, 2022

Digitally signed by Steven C.
Wurster
Date: 2022.01.26 17:45:34
-06'00'

DESIGNATED REPRESENTATIVE FOR TASK ORDER

Name: _____

Title: _____

Address: _____

Email: _____

Phone: _____

Fax: _____

Name: Michael E. Michalski

Title: Project Engineer

Address: W233 N2080 Ridgeview Parkway
Waukesha, WI 53188-1020

Email: mmichalski@ruekert-mielke.com

Phone: 262-953-3004

Fax: 262-542-5631

**Holz Parkway & Miniwaukan Park Pond Dredging
Survey, Design and Bidding Estimate**

	Jerad Wegner	Michael Michalski	Drafting	Sue Shird	Ecologist / Biologist	Survey	Survey	Other Expenses	
Initials	JJW	MEM		SJS					
Employee Class	E6	E3	ET-2	AA	EB2	RLS	Crew		Task Total
Hourly Rates	\$ 172	\$ 138	\$ 130	\$ 84	\$ 127	\$ 149	\$ 114		Dollars
Field Survey									
Perform Site Survey						2	16	\$60	\$ 2,182
Process Downloads, Analyze Data, Build Surface and Cadastral						2	2		\$ 526
Environmental									
Preliminary Environmental Screening					4				\$ 508
Wetland Delineations					30				\$ 3,810
Endangered Resources Investigations					12				\$ 1,524
Environmental Testing Agency								\$1,200	\$ 1,200
Design									
Design Sediment Removal and Stockpiling		21							\$ 2,898
Design Erosion Control		6							\$ 828
Design Details		5							\$ 690
Project Manual and Specifications		38		16					\$ 6,588
Drafting			40						\$ 5,200
100% Design Review									
Internal Quality Control Review	2	2							\$ 620
Village of Mukwonago Review	2	1							\$ 482
Approvals - Regulatory Agencies									
WNDR Wetland Permit					40				\$ 5,080
U.S. Army Corps of Engineer					3				\$ 381
Bidding									
Prepare Advertisement for Bids		2		4				\$600	\$ 1,212
Answer Contractor Questions		2							\$ 276
Attend Bid Opening		2							\$ 276
Evaluate Bids, Prepare Bid Tab		1		4					\$ 474
Assist Village with Contractor References		2							\$ 276
Prepare Recommendation for Award		2		2					\$ 444
Survey, Design and Bidding Phase Subtotal (Hours) =	4	84	40	26	89	4	18		
Survey, Design and Bidding Phase Subtotal (Dollars) =	\$ 688	\$ 11,592	\$ 5,200	\$ 2,184	\$ 11,303	\$ 596	\$ 2,052	\$ 1,860	\$ 35,475

VILLAGE OF MUKWONAGO PURCHASE REQUISITION

PLEASE TYPE OR PRINT IN INK CLEARLY ON THIS FORM

DATE:	1/20/2022	NUMBER:	
--------------	-----------	----------------	--

VENDOR NAME & ADDRESS:	SHIP TO:
The Expeditors, Inc. 139 N. Main Str. Dousman, Wi. 53118	N/A

DEPT NAME:	SUGGESTED VENDOR	AUTHORIZED SIGNATURE
WWTF Utility	The Expeditors, Inc.	<i>Wayne Castan</i>

BUDGETED ITEM?	Yes, \$15,000	BUDGETED SOURCE:	WWTF Operating Budget
-----------------------	------------------	-------------------------	--------------------------

<u>ITEM</u>	<u>QTY</u>	<u>DESCRIPTION</u>	<u>UNIT PRICE</u>	<u>AMOUNT</u>	<u>ACCT #</u>
1	Approximately 28,000 LF	Annual Sanitary Sewer Televising	\$0.52/LF	\$14,560	620-8030- 531000
			TOTAL	\$14,560	

FINANCE COMMITTEE USE ONLY	
APPROVED (COMMITTEE INITIALS):	
DATE:	
SPECIAL INSTRUCTIONS	

The Expeditors, Inc.

QUOTATION

CUSTOMER: Village of Mukwonago

QUOTE DATE: 1-19-22

CONTACT: Dave Brown

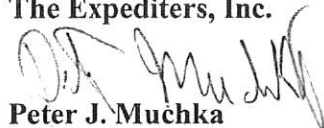
PROJECT: 2022 Sanitary Sewer Televising

WORK DESCRIPTION: Televis 28,000' LF of 8"-18" Sanitary Sewer

QUOTE: 28,000 X .52 = \$14,560.00

Thank you for the opportunity to bid this work. If you have any questions, please feel free to call us at 1-800-657-0879.

Sincerely,
The Expeditors, Inc.



Peter J. Muchka

CUSTOMER SIGNATURE:

139 N. Main St. Dousman, WI. 53118
Phone 800-657-0879 Fax 800-261-3582
theexpeditors@aol.com

VILLAGE OF MUKWONAGO PURCHASE REQUISITION

PLEASE TYPE OR PRINT IN INK CLEARLY ON THIS FORM

DATE:	1/26/2022	NUMBER:	
--------------	-----------	----------------	--

VENDOR NAME & ADDRESS:	SHIP TO:
Lynch Chrysler 282 E. Wolf Run Mukwonago WI, 53149	1200 Holz PKWY

DEPT NAME:	SUGGESTED VENDOR	AUTHORIZED SIGNATURE
Water Utility	Lynch Chrysler	<i>Wayne Casta</i>

BUDGETED ITEM?	Yes	BUDGETED SOURCE:	Capital Budget
-----------------------	-----	-------------------------	----------------

ITEM	QTY	DESCRIPTION	UNIT PRICE	AMOUNT	ACCT #
1	1	2022 Ram ProMaster 3500 High Roof and vehicle upfit	\$68,808.00	\$68,808.00	
		TOTAL		\$68,808.00	

Only one price was obtained due to current supply chain issues which are explained in the attached email from Lynch Chrysler. In order to get this vehicle this year we needed to move forward with this purchase based on the very limited allocations of this particular vehicle to the State of Wisconsin. Vehicle was originally to replace another vehicle but with the re-organization within the Utility that happened after the capital budget was approved it was decided that we will not be trading the other vehicle in and that this purchase will be an addition to our fleet.

FINANCE COMMITTEE USE ONLY	
APPROVED (COMMITTEE INITIALS):	
DATE:	
SPECIAL INSTRUCTIONS	

Wayne Castle

From: James Carrillo <jcarrillo@shoplynch.com>
Sent: Wednesday, January 12, 2022 6:09 PM
To: Wayne Castle
Subject: RAM Promaster
Attachments: Village of Mukwonago POC.pdf; Village of Mukwonago PA.pdf; Village of Mukwonago Upfit.pdf

**CAUTION: This email originated from outside the organization.
Do not click links or open attachments unless you recognize the sender and know the content is safe.**

Good evening Wayne,

Per our conversation I have attached a copy of the Purchase Order Confirmation, purchase agreement and the upfit details. I spent a fair amount of time trying to pull state pricing on this for you and was finally able to get some clarity on why I couldn't find it. To be frank, for 2022 it doesn't exist. Due to lack of inventory and extreme scheduling restrictions RAM will not be building any fleet orders on Promaster vans for 2022. I have been fighting a lot of situations lately where my fleet customers are trying to order units and purchase them as retail but their retail orders are getting canceled because the factory is assuming that we are just going to reinvoice them as fleet. Looking at the way Promaster vans were moving at the end of 2021 it's no surprise. We were one of two dealerships that had any ground stock on these at the end of the year and sold everyone of them for between 8,000 and 10,000 over MSRP and at that we couldn't keep them on the shelf. I even found several dealerships out there selling models that were 3+ years old over the original MSRP.

I just got my allocation for the first build date that is set to begin in late February. The 15 units that we were allotted represent over half of what was allocated to the entire state of Wisconsin. I have to get all of my orders for this build in by the 15th of the month and should expect to see these land somewhere in May/June.

Please let me know if there is any additional information you need.

Thanks Wayne,
-James

The information contained in or attached to this electronic mail message is confidential, privileged and the exclusive property of Lynch Chrysler Dodge Jeep Ram. This information is to be used solely by the individual or entity named above. Any reproduction, dissemination, fabrication, or manufacture for sale of any information contained in or attached to this message in part or as a whole without the written permission of Lynch Chrysler Dodge Jeep Ram is prohibited. All documents transmitted are not intended to be binding until a hard copy has been manually signed by all parties.

Purchase Agreement

James Carrillo
Lynch Mukwonago
280-282 E Wolf Run
Mukwonago, WI 53149

Buyer	Co-Buyer	Vehicle
Village and of Mukwonago 440 River Crest Ct Mukwonago, WI 531491759 D: (262) 363-6447, E: (262) 363-6426, C: (262) 441-0723 accountspayable@villageofmukwonago.com		2022 RAM ProMaster 3500 High Roof VIN: Stock #: Mileage: Color:

Purchase Details	
Retail Price:	\$55,125.00
Sales Price:	\$52,265.00
Savings:	\$2,860.00
Accessories:	\$15,950.00
License and Title Fee:	\$194.00
Service Fee:	\$399.00
Total Taxes	\$0.00
Total Sales Price:	\$68,808.00
Trade Allowance:	\$0.00
Trade Payoff:	\$0.00
Trade Equity:	\$0.00
Rebate:	\$0.00
Cash Down:	\$0.00
Cash Price:	\$68,808.00

X

Customer Signature

Date

X

Manager Signature

Date

Disclaimer:

With approved credit and some restrictions apply

Printed 1/12/22 5:30 PM

LYNCH CHRYSLER DODGE JEEP, INC.
282 WOLF RUN
MUKWONAGO, WI 531498470

Configuration Preview

Date Printed: 2022-01-12 6:28 PM VIN: Quantity: 1
Estimated Ship Date: VON: Status: BA - Pending order

Sold to: LYNCH CHRYSLER DODGE JEEP, INC. (60321)
282 WOLF RUN
MUKWONAGO, WI 531498470

Ship to: LYNCH CHRYSLER DODGE JEEP, INC. (60321)
282 WOLF RUN
MUKWONAGO, WI 531498470

Vehicle: 2022 3500 CARGO VAN HIGH ROOF (159 IN WB EXT) (VF3L17)

	Sales Code	Description	MSRP(USD)	FWP(USD)
Model:	VF3L17	3500 CARGO VAN HIGH ROOF (159 IN WB EXT)	45,185	43,125
Package:	22A	Customer Preferred Package 22A	0	0
	ERF	3.6L V6 24V VVT Engine	0	0
	DFH	9-Spd 948TE Auto Transmission	0	0
Paint/Seat/Trim:	PW7	Bright White Clear Coat	0	0
	APA	Monotone Paint	0	0
	*A7	Cloth Buckets Seats	0	0
	-X9	Black	0	0
Options:	XFH	Class IV Receiver Hitch	495	446
	YEP	Manuf Statement of Origin	0	0
	AAC	Driver Convenience Group	1,995	1,796
	ADK	Premium Convenience Group	1,695	1,526
	MDA	Front License Plate Bracket	0	0
	BAJ	220 Amp Alternator	295	266
	BDC	100 Amp Battery	95	86
	CMB	Heated Driver Seat	195	176
	CMC	Heated Passenger Seat	145	130
	CCK	Mopar Slush Mat Front Walk Thru	150	136
	JKV	115V Auxiliary Power Outlet	100	90
	LCP	MOPAR Cargo Area Lighting - LED	285	257
	XPB	MOPAR MasterSHIELD Undercoating	395	356
	MKN	MOPAR Splash Guards - Vehicle Set	215	193
	HDG	Rear Heater - A/C Prep Package	145	130
	CWC	Cargo Partition	445	400
	SDD	Premium Heavy Duty Suspension	245	220
	LNJ	Front Fog Lamps	195	176
	LHL	Auxiliary Switches	145	130
	LMK	Daytime Running Headlamps	75	68
	JVB	Driver Seat - Manual Adjust 6-Way	245	220
	JWB	Frt Pass Seat - Manual Adjust 6-Way	245	220
	XXS	Upfitter Electronic Module (VSIM)	345	310
	5N6	Easy Order	0	0
	151	Zone 51-Chicago	0	0
	4EX	Sales Tracking	0	0
Discounts:	YGV	4.5 Additional Gallons of Gas	0	13
Destination Fees:			1,795	1,795

Note: This is not an invoice. The prices and equipment shown on this priced order confirmation are tentative and subject to change or correction without prior notice. No claims against the content listed or prices quoted will be accepted. Refer to the vehicle invoice for final vehicle content and pricing. Orders are accepted only when the vehicle is shipped by the factory.

HB:	1,593	Total Price:	55,125	52,265
FFP:	51,817			
EP:	49,852			

Order Type: Retail
Scheduling Priority: 4-Dealer Order
Salesperson:
Customer Name:
Customer Address:

PSP Month/Week:
Build Priority: 99

Instructions:

Note: This is not an invoice. The prices and equipment shown on this priced order confirmation are tentative and subject to change or correction without prior notice. No claims against the content listed or prices quoted will be accepted. Refer to the vehicle invoice for final vehicle content and pricing. Orders are accepted only when the vehicle is shipped by the factory.



U.S. UPFITTERS OF WISCONSIN, INC.
 3515 N 127TH STREET
 BROOKFIELD, WI 53005
 Phone 262-373-0454
 Toll Free 800-377-5652
 www.inlad.com

Quote

Date	Quote#
10/21/2021	32480

Name / Address
Lynch Chrysler Jeep Dodge Ram 282 E. Wolf Run Mukwonago, WI 53149 Ship To Lynch Chrysler Jeep Dodge Ram 282 E. Wolf Run Mukwonago, WI 53149

--

P.O. No.	Terms	Phone #	Fax #
	Net 15	262-514-4000	

Item	Description	Qty	Cost	Total
	(James carrillo) 262-378-3578 (ProMaster 159" Ext. HR) jcarrillo@shoplynch.com			
	*****Assuming Factory Bulkhead*****			
	Driver Side			
	Shelf over wheelwell *****Air Compressor DS front corner w/inverter*****			
RD-N5-RA72-4	Aluminum Shelving Unit for High Roof Van, 14" x 62" x 72"	1		
RD-N5-PS20-8	NEW Partskeeper with 8 Cases and 2 Shelves	2		
RD-62-U1114	14" deep plastic bin with a center divider	10		
	Passenger Side			
RD-S3-WA48-1	WORKBENCH 18D 48W 40 H	1		
Install Labor	Assembly & Installation Charge	1		
	Rubber Mat			
LEG-652-043-7021	Pre-Cut Rubber Floor Mat 1/4" thick, ProMaster 159" WB EXT WB, WITH DOOR SILLS	1		
Install Labor	Assembly & Installation Charge	1		
	Double Drop Down Ladder Rack			
WG2291-3-01	EZG2- MID/HIGH ROOF VAN RACK	1		
WG2295-3-01	EZG2- MID/HIGH ROOF LONG KIT	1		
WG2115-0-01	EZ GLIDE 2 Full-size Mounting Rail Kit, 115 in. Promaster	1		
Install Labor	Assembly & Installation Charge	1		
	Corner to Corner Strobes (rear concealed front surface)			

Subtotal	
Sales Tax (0.0%)	
Total	



U.S. UPFITTERS OF WISCONSIN, INC.
 3515 N 127TH STREET
 BROOKFIELD, WI 53005
 Phone 262-373-0454
 Toll Free 800-377-5652
 www.inlad.com

Quote

Date	Quote#
10/21/2021	32480

Name / Address Lynch Chrysler Jeep Dodge Ram 282 E. Wolf Run
--

Mukwonago, WI 53149 Ship To Lynch Chrysler Jeep Dodge Ram 282 E. Wolf Run Mukwonago, WI 53149

P.O. No.	Terms	Phone #	Fax #
	Net 15	262-514-4000	

Item	Description	Qty	Cost	Total
EC9014A	Concealed LED: Hide-A-LED, (6 LED), headlight/surface mountable,12-24VDC, 16 flash patterns, amber	4		
Electrical Fee	Electrical Parts needed for install. Cable/Wire, Fuse & Fuse Holders and Terminal, ECT.	1		
Install Labor	Assembly & Installation Charge	1		
	Back Up Alarm			
EC510	Alarm: Back-up, 97 dB, 12VDC	1		
Install Labor	Assembly & Installation Charge	1		
	Air Compressor mount DS Front			
001P	Huskey 1005020041 SKU	1		
Install Labor	Assembly & Installation Charge	1		
	Tool Box by Side Door			
001P	Huskey Tool Chest SKU. 1004323026	1		
Install Labor	Assembly & Installation Charge	1		
	Inverter 4000 Watt			
	Mini Light Bar (Were is Placement			
EC5590A	Reflex 5590 Series Amber Light	1		
AM-Switch	AM-Switch	1		
Install Labor	Assembly & Installation Charge	1		
	4000 Watt Inverter to run Compressor			
	*****Van must be running while using inverter*****			
Thor-THPW3000	THOR 3000W PURE SINE WAVE INVERTER 12V W/USB 2.1 MODEL THPW3000			

Subtotal
Sales Tax (0.0%)
Total



U.S. UPFITTERS OF WISCONSIN, INC.
 3515 N 127TH STREET
 BROOKFIELD, WI 53005
 Phone 262-373-0454
 Toll Free 800-377-5652
 www.inlad.com

Quote

Date	Quote#
10/21/2021	32480

Name / Address
Lynch Chrysler Jeep Dodge Ram 282 E. Wolf Run Mukwonago, WI 53149 Ship To Lynch Chrysler Jeep Dodge Ram 282 E. Wolf Run Mukwonago, WI 53149

--

P.O. No.	Terms	Phone #	Fax #
	Net 15	262-514-4000	

Item	Description	Qty	Cost	Total
TBS-PAC-200	Battery Isolator/Relay, 200A High Current Relay	1		
BATP-BAT31DC...	Group 31 Marine Grade Deep Cycle Battery	1		
BATP-BATBOX	Group 31 Battery Box	1		
Electrical Fee	Electrical Parts needed for install. Cable/Wire, Fuse & Fuse Holders and Terminal, ECT.	1		
Install Labor	Assembly & Installation Charge	1		
RD-6072	8" Swivel Hook, Tumbled Aluminum, 4" Opening	6		
	Leave the hooks loose			
	*****The pricing has been marked up to compensate long wait to get van*****			
	Placement Wayne 262-441-1366			

Signature	Subtotal
	Sales Tax (0.0%) \$0.00
	Total



Agenda Item Cover Report

Date: 2/26/2022	Committee/Board: Public Works Committee
Submitted by: Wayne Castle	Department: Sewer Utility
Date of Committee Action: 2/2/2022	Date of Village Board Action: 2/16/2022

Subject:
Sewer Ordinance Update 2022

Executive Summary:

The Sewer Utilities Ordinance have been extremely outdated for some time and need to be brought into todays needs to deal with changing industry standards and protection of the Utilities. Our WPDES limits have changed over the years making the need to correct discharge limits allowed. Water usage has changed due to water saving appliances and fixtures changing the chemical strength of residential discharge yet keeping the same pound loadings. The basic need is for our Ordinances to reflect todays needs and be fair to all users and ensuring we can meet and deal with any Utility situations which may arise.

Fiscal Impact:

No fiscal impact to the Village Utility

Executive Recommendation/Action:

Ask the COW to approve make recommendation to the Village Board for final approval to approve ARTICLE III – Sewer Service Ordinance Updates 2022.

☒ **Attachments Included**

**VILLAGE OF MUKWONAGO
WAUKESHA AND WALWORTH COUNTIES**

ORDINANCE NO. 1004

**ORDINANCE TO AMEND SECTION 86 SEWER UTILITIES
TO PROVIDE VARIOUS UPDATES TO THE VILLAGE OF MUKWONAGO
MUNICIPAL CODE**

The Village Board of the Village of Mukwonago do ordain as follows:

SECTION I

Section 86, Sewer Utilities, of the Municipal Code of the Village of Mukwonago is hereby Amended to read as follows in Exhibit A:

SECTION II

All Ordinances or parts of Ordinances contravening the terms and conditions of this Ordinance are hereby to that extent repealed.

SECTION III

The several sections of this Ordinance shall be considered severable. If any section shall be considered by a court of competent jurisdiction to be invalid, such decision shall not affect the validity of the other portions of the Ordinance.

SECTION IV

This Ordinance shall take effect upon passage and publication as approved by law, and the Village Clerk shall so amend the Code of Ordinances of the Village of Mukwonago, and shall indicate the date and number of this amending ordinance therein.

PASSED AND ADOPTED by the Village Board this 16th day of February, 2022.

APPROVED:

Fred Winchowky, Village President

Countersigned:

Diana Dykstra, Village Clerk/Treasurer

ARTICLE III. - SEWER SERVICE^[8]

Footnotes:

--- (8) ---

State Law reference— Authority regarding sewers, W.S.A., § 61.36.

DIVISION 1. - GENERALLY

Sec. 86-166. - Application of article.

The application to this article, its rules, regulations and rates shall apply to all persons residing or operating a business within the corporate limits of the village and any person, by attachment or otherwise coming in to locate within the village subsequent to the effective date of the ordinance from which this section is derived.

(Code 1966, § 23.03)

Sec. 86-167. - Definitions.

The following words, terms and phrases, when used in this article, shall have the meanings ascribed to them in this section, except where the context clearly indicates a different meaning:

Act means the Federal Water Pollution Control Act (33 USC 1251 et seq.), as amended by the Federal Water Pollution Control Act Amendments of 1972 (Pub. L. 92-500) and Pub. L. 93-243, or modified by W.S.A., ch. 147, or the appropriate section of Wis. Adm. Code adopted pursuant to W.S.A., ch. 147.

Ammonia nitrogen (NH₃-N) means one of the oxidation states of nitrogen, in which nitrogen is combined with hydrogen in molecular form as NH₃ or in ionized form as NH₄⁺. Quantitative determination of ammonia nitrogen shall be made in accordance with Chapter NR 219 of the Wisconsin Administrative Code.

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Approving authority means the village board or its duly authorized deputy, agent or representative.

Biochemical oxygen demand (BOD) means the quantity of oxygen expressed in milligrams per liter (mg/l), utilized in the biochemical oxidation of organic matter under standard laboratory conditions for in five days at a temperature of 20 degrees Celsius. The laboratory Quantitative determinations shall be made in accordance with procedures set forth in Chapter NR 219 of the Wisconsin Administrative Code Standard Methods.

Building sewer, lateral and service pipe means a sewer which carries only sewage and industrial wastes from the building plumbing to the public sanitary sewer.

Formatted: Normal

Carbonaceous biochemical oxygen demand (CBOD) means the quantity of oxygen required by microorganisms to oxidize the organic matter present in wastewater, using a chemical inhibitor to inhibit nitrification and prevent the exertion of nitrogen oxygen demand. Quantitative determinations shall be made in accordance with Chapter NR 219 of the Wisconsin Administrative Code.

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Collection system means the system of sewers and appurtenances for the collection, transportation and pumping of domestic wastewater and industrial waste.

Compatible pollutant means BOD, SS, pH, fecal coliform bacteria, chemical oxygen demand, phosphorus and phosphorus compounds, or nitrogen and nitrogen compounds, plus additional pollutants identified in the WPDES permit issued to the city for its wastewater treatment facility, provided that such wastewater treatment facility was designed to treat such pollutants, and in fact does remove such pollutants to a substantial degree.

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Debt retirement means the annual principal and interest requirements and obligations of the utility for the wastewater works.

Domestic wastewater means waterborne wastes normally being discharged from the sanitary conveniences of dwellings, apartment houses, hotels, office buildings, factories and institutions, free of industrial wastes and in which the average concentration of CBOD is established at or below 300 mg/l, suspended solids is established at or below 250300 mg/l, and the BODTKN is established at or below 200-mg/7.45 mg/l, and total phosphorus is established at or below 7.12 mg/l.

Excessive means in such magnitude that, in the judgment of the city, it will cause damage to any facility; will be harmful to the wastewater treatment plant to the degree required to meet the requirements of the WPDES permit; can otherwise endanger life, limb or public property; and/or can constitute a public nuisance.

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Failed septic tank waste means the scum, liquid, sludge or other waste from a septic tank or privy dumped at a frequency less than or equal to 90 days. This waste shall be considered holding tank waste. This term does not include the waste from a grease interceptor or trap.

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Fats, oil, and grease means a group of substances including fats, waxes, free fatty acids, calcium and magnesium soaps, mineral oils, and certain other non-fatty materials. Quantitative determination of fats, oil, and grease shall be made in accordance with Chapter NR 219 of the Wisconsin Administrative Code.

Floatable oil means oil, fat or grease in a physical state such that it will separate by gravity from wastewater by treatment in an approved pretreatment facility. A wastewater shall be considered free of floatable oil if it is properly pretreated and the wastewater does not interfere with the collection or treatment system.

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Flow proportional composite sample means a sample consisting of portions of waste taken in proportion to the volume of flow of the wastes.

Garbage means the residue from the preparation, cooking and dispensing of food, and from the handling, storage, and sale of food products and produce.

Grease Interceptor means a device for separating and retaining waterborne greases and grease complexes prior to the wastewater exiting the interceptor and entering the sanitary sewer collection system and treatment system. These devices also serve to collect settleable solids, generated by and from food preparation activities, prior to the water exiting the interceptor and entering the sanitary sewer collection and treatment system.

Ground garbage means the residue from the preparation, cooking and dispensing of food that has been shredded to such degree that all particles will be carried freely in suspension under the flow conditions normally prevailing in public sewers with no particle greater than one-half inch in any dimension.

High-strength wastewater means wastewater in which CBOD, SS, nitrogen or phosphorus concentrations exceed domestic strength wastewater.

Holding tank wastewater means liquid waste from a domestic sanitary holding tank.

Industrial cost recovery means recovery by the grantee (utility), from the industrial users of a wastewater works, of the grant amount allowable to the treatment of wastes from such users pursuant to section 204(b) of the Federal Act.

Industrial user means any nongovernmental, nonresidential user of publicly owned wastewater works which discharges more than the equivalent of 25,000 gallons per day (GPD) of sanitary wastes and whose activities are identified in the Standard Industrial Classification Manual, 1972, Office of Management and Budget, as amended and supplemented, under the following divisions:

- (1) Division A. Agriculture, Forestry and Fishing.
- (2) Division B. Mining.
- (3) Division D. Manufacturing.
- (4) Division E. Transportation, Communications, Electric, Gas and Sanitary Services.
- (5) Division I. Services.

In determining the amount of a user's discharge for purposes of industrial cost recovery, the grantee may exclude domestic wastes or discharges from sanitary conveniences. After applying the sanitary waste exclusion, dischargers in the above divisions that have a volume exceeding 25,000 GPD or the weight of biochemical oxygen demand (BOD) or suspended solids (SS) equivalent to that weight found in 25,000 GPD of sanitary waste are considered industrial users. Sanitary wastes, for purposes of this calculation of equivalency, are the wastes discharged from residential users. Any nongovernmental user of a publicly owned wastewater works which discharges wastewater to the wastewater works which contains toxic pollutants or poisonous solids, liquids or gases in sufficient quantity, either singly or by interaction with other wastes, to contaminate the sludge of any municipal systems, to injure or to interfere with any sewage treatment process, which constitutes a hazard to humans or animals, creates a public nuisance, creates any hazard in or has an adverse effect on the waters receiving any discharge from the treatment works shall be an industrial user, even if it does not discharge the equivalent of 25,000 gallons per day of sanitary wastes.

Incompatible pollutant means any pollutant that is of such strength that will adversely affect or disrupt the wastewater treatment processes or effluent quality or sludge quality if discharged to a wastewater treatment works.

Industrial user means any user whose premises are used primarily for the conduct of a profit oriented enterprise in the fields of manufacturing, transportation, communications or utilities, mining, agriculture, forestry or fishing.

Industrial waste means any waterborne solids, liquids or gaseous wastes other than domestic wastewater, resulting from discharging from, flowing from or escaping from any commercial, industrial, manufacturing or food processing operation or process or from the development of any natural resource, or any mixture of these with water or domestic wastewater.

Intercepting sewer means a sewer constructed to receive the dry weather flow of untreated or inadequately treated sewage from one or more existing sanitary sewer system terminals other than from a dwelling or building that presently discharges or formerly discharged flow directly into any waters of the state, and convey the flow to a treatment works, or is to serve in lieu of an existing or proposed treatment works.

Natural outlet means any outlet into a watercourse, pond, ditch, lake or other body of surface water or groundwater.

Normal sewage means sanitary sewage in which CBOD, suspended solids, TKN, or phosphorus concentrations do not exceed normal concentrations of:

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- (1) A five-day, 20 degree Celsius, CBOD of not more than 300~~200~~ parts per million;
- (2) A suspended solids content of not more than 250~~300~~ parts per million; ~~or~~
- (3) A TKN content of not more than 45~~75~~45 parts per million; or
- (34) Total Phosphorus content of not more than 7~~12~~ parts per million.

Operation and maintenance cost means the actual sums spent by the utility in the operation and maintenance of its wastewater works consisting of, but not limited to, each and all of the following purposes:

- (1) Wages and salaries and employees related expenses of operating, maintenance, clerical, laboratory and supervisory personnel, together with fringe benefits and premiums paid on such wages and salaries for the state workers' compensation coverage.
- (2) Electrical power.
- (3) Chemicals, fuel and other operating supplies.
- (4) Repairs to and maintenance of the equipment associated therewith.
- (5) Premiums for hazard insurance.
- (6) Premiums for insurance providing coverage against liability for the injury to persons and/or property.
- (7) Rents and leasing costs.
- (8) Operation, licensing and maintenance costs for trucks and heavy equipment.
- (9) Consultant and legal fees.
- (10) Replacement.

Person means any and all persons, natural or artificial, including any individual, firm, company, municipal or private corporation, association, governmental agency or other entity and agents, servants or employees.

pH means the logarithm (base 10) of the reciprocal of the hydrogen ion concentration expressed in moles per liter. It shall be determined by one of the procedures outlined in the most recent edition of Standard Methods.

Phosphorus (P) means total phosphorus in wastewater, which may be present in any of three principal forms: orthophosphate, polyphosphates, or organic phosphates. Quantitative determination of total phosphorus shall be made in accordance with Chapter NR 219 of the Wisconsin Administrative Code.

Pretreatment means an arrangement of devices and structures, for the preliminary treatment or processing of wastewater required to render such wastes acceptable for admission to the public sewers.

Properly shredded garbage means the residue from the preparation, cooking and dispensing of food that has been shredded to such degree that all particles will be carried freely in suspension under the flow conditions normally prevailing in public sewers, with no particle greater than one-half inch in any dimension.

Public sewer means a sewer in which all owners or abutting properties have equal rights and which is controlled or owned by public authority.

Receiving waters means any watercourse, river, pond, ditch, lake, aquifer or other body of surface or subsurface water receiving discharge of sewage.

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Replacement means expenditures for obtaining and installing equipment, accessories and appurtenances which are necessary during the useful life of the treatment works to maintain the capacity and performance for which such works were designed and constructed.

Residential equivalency charge means a charge levied on users for debt retirement. The charge shall be based on the total debt retirement divided by the number of existing resident equivalent connections (REC).

Residential equivalent connection means the amount of sewage contributed to the system from a single-family residence, based on the following criteria which will be recomputed each year:

$$\text{Flow} = \frac{\text{Amount of water used by single-family units}}{\text{total number single-family units}}$$

$$\text{CBOD} = 300 \text{ mg/l}$$

$$\text{SS} = 250 \text{ mg/l}$$

$$\text{TKN} = 45 \text{ mg/l}$$

$$\text{P} = 7 \text{ mg/l}$$

Sanitary sewer means a sewer that conveys domestic wastewater or industrial waste or a combination of both, and into which stormwater, surface water and groundwater or unpolluted industrial wastewater are not intentionally passed.

Segregated domestic wastes means wastes from nonresidential sources resulting from normal domestic activities. These activities are distinguished from industrial, trade and/or process discharge wastes.

Seepage means the wastewater or contents of septic or holding tanks, dosing chambers, grease interceptors, seepage beds, seepage pits, seepage trenches, privies or portable restrooms.

Septic tank waste means the scum, liquid, sludge or other waste from a septic tank or privy pumped at a frequency greater than 90 days. This term does not include the waste from a grease interceptor or trap.

Sewage (also referred to as wastewater) means a combination of the water-carried wastes from residences, business buildings, institutions and industrial establishments, together with such groundwaters, surface waters and stormwaters as may be present.

Sewer service charge means the charge levied on users of the wastewater collection and treatment facilities for capital-related expenses, replacement costs, and operation and maintenance costs of the facilities.

Sewer use charge means a charge levied on users of the wastewater collection and treatment works for the user's proportionate share of the cost of operations and maintenance, cost of replacement costs, and cost of debt retirement of such works based on a cost per 1,000 gallons of flow.

Slug means any discharge of water or wastewater which in concentration of any given constituent or in quantity of flow exceeds for any period longer than 15 minutes more than five times the average 24-hour concentration or flows during normal operation and shall adversely affect the collection system and/or performance of the wastewater treatment works.

Standard methods means the examination and analytical procedures set forth in the latest edition of "Standard Methods for the Examination of Water and Wastewater," as prepared, approved and published

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jointly by the American Public Health Association, American Water Works Association and the Water Pollution Federation.

Storm sewer means a sewer which carries stormwater and surface drainage but excludes domestic wastewater and industrial wastes.

Stormwater runoff means that portion of the rainfall that is drained into the sewers.

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~~Superintendent means the superintendent of the wastewater treatment plant who shall be in charge of and supervise the operations and functions of the wastewater treatment plant.~~

Surcharge means an additional charge related ~~to~~to industrial ~~or commercial~~ wastes being discharged by any user having unusual characteristics such as excessive CBOD, excessive suspended solids, excessive TKN, or excessive total phosphorus. ~~Excessive means loadings greater than domestic strength wastewater as earlier defined, or other pollutants.~~

Suspended solids means solids that either float on the surface of, or are in suspension in water, sewage or other liquids, and which are removable by a laboratory filtration device. Quantitative determination of suspended solids shall be made in accordance with ~~procedures set forth in Standard Methods~~Chapter NR 219 of the Wisconsin Administrative Code.

Total Kjeldahl nitrogen (TKN) means the total organic nitrogen and ammonia nitrogen of the wastewater. Quantitative determination of TKN shall be made in accordance with Chapter NR 219 of the Wisconsin Administrative Code.

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Total phosphorus means the total quantity of orthophosphate, polyphosphates, and organic phosphates in the wastewater. Qualitative determination of total phosphorus shall be made in accordance with Chapter NR 219 of the Wisconsin Administrative Code.

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Toxic substance means any substance whether gaseous, liquid or solid which, when discharged to the sewerage system in sufficient quantities, interferes with any wastewater treatment process, or constitutes a hazard to human beings or animals, or inhibits aquatic life in the receiving waters of the effluent from the wastewater treatment facility.

Unmetered user means a user who is not connected to the municipal water system and thereby does not have his private water supply metered.

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Unpolluted water means water of quality equal to or better than the effluent criteria in effect or water that would not cause violation of receiving water quality standards and would not be benefited by discharge to the sanitary sewers and wastewater treatment facilities provided.

User means any person discharging domestic wastewater, ~~or~~ industrial wastes, or any other wastewater into the collection system.

User charge means the charges levied on city customers, municipalities and/or users of the wastewater facilities for the cost of operation, maintenance and replacement of such wastewater facilities. The user charge is a component of the sewer service charge.

User charge system means that system that generates operation and maintenance, replacement and debt retirement revenues equitably for providing each user category with services.

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Utility means the village sewer utility, established by this chapter.

Utility Director means the director of the wastewater treatment plant who shall be in charge of and supervise the operations and functions of the wastewater treatment plant.

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Volume charge means the charge for operation and maintenance costs and replacement costs. The volume charge shall be based upon normal strength wastewater quantities.

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Waste means any solids, liquid or gaseous material or combination thereof discharged from any residences, business building, institutions and industrial establishments into the collection system or storm sewer.

Wastewater means a combination of the water-carried waste discharged into the collection system from residences, business buildings, institutions and industrial establishments, together with such groundwater, surface water and stormwater as may be present.

Wastewater pumping station means a pumping facility utilized to pump wastewater within the collection system.

Wastewater treatment facilities means any utility-owned facility, devices and structures used for receiving and treating wastewater from the utility collection system.

Wastewater works means all facilities for collecting, pumping, treating and disposing of domestic wastewater and industrial wastes.

WPDES permit means a permit to discharge pollutants obtained under the state pollutant discharge elimination system (WPDES) pursuant to W.S.A., ch. 147.

(Code 1966, § 23.04)

Cross reference— Definitions generally, § 1-2.

Sec. 86-168. - Creation of public utility.

The village board, pursuant to the provisions of W.S.A., § 66.067, does hereby declare the village-owned sewer system, consisting of the wastewater treatment plant, collection system, waste collection and disposal operations, sewer system and all other appurtenances and equipment used for such purposes, or wastewater works a public utility as of January 30, 1980.

(Code 1966, § 23.01)

Sec. 86-169. - Management of utility.

- (a) The operation, management and control of the utility is hereby vested in the village board as a utility board pursuant to the provisions of W.S.A., § 66.066(1), and referred to in this article as the approving agency. All records of the utility shall be kept by the village clerk-treasurer and Utility Director~~superintendent~~ in the village hall or other officially designated place.
- (b) The rules, regulations and rates set forth in this article shall be considered part of the contract with every individual or entity connected to the wastewater works. Such rules, regulations and rates may be changed from time to time as determined by the village board, and the right is reserved to make special rates and contracts in all proper cases.
- (c) The village board shall cause an annual audit of the books of the utility made by the state bureau of municipal audit or a private firm of certified public accountants and shall make the books and records relating to the utility available for inspection during regular business hours.

(Code 1966, § 23.02)

Sec. 86-170. - Penalty for violation of article.

- (a) Any person who fails to comply with any of the provisions of this article or with an order of the approving authority issued in pursuance of this article, who shall tamper with metering or sampling, shall be liable to the village for any expense, loss or damage occasioned by such violation, including reasonable attorney's fees and other expenses of litigations and, upon conviction of any violation of this article, shall be fined not less than \$100.00 nor more than \$2,500.00 per violation, plus damages. Each day a condition is allowed to exist which is contrary to all or any part of this article shall constitute a new violation. Change of ownership or occupancy of premises delinquent under the provisions of this article shall not be cause for reducing or eliminating charges due and penalties for violations.
- (b) If any user shall discharge a ~~waste~~slug of water or wastewater ~~with BOD concentration of 900 mg/l or greater~~, as defined in section ~~86-16786-257(13)~~, such user shall pay a penalty of \$200.00 per violation. Each day a violation occurs shall constitute a separate violation. Such penalty shall be added to the monthly or quarterly billing statement.
- (c) In addition to the court proceedings and penalties described in subsections (a) and (b) of this section, whenever a person violates any provision of this article or fails to comply with any order of the approving authority, the approving authority may order that an action be commenced on behalf of the utility in the county circuit court for the purpose of obtaining an injunction restraining the person violating this article or failing to comply with the order, from making any further discharges into the wastewater treatment facilities of the village.

(Code 1966, § 2:3.18)

Sec. 86-171. - State regulations.

The village shall operate the sewer utility and enforce this article in accordance with section NR 128.13 of the Wis. Adm. Code. The main items included in section NR 128.13 of the Wis. Adm. Code are as follows:

- (1) The village shall maintain a proportionate distribution of operation and maintenance costs among users and user classes.
- (2) The village shall generate sufficient revenues to pay total operation, maintenance and replacement costs.
- (3) The village shall apply excess revenues collected from a class of users to the costs of operation and maintenance attributable to that class for the next year and adjust the rate accordingly.
- (4) All user charges specifically collected for replacement shall be deposited in a separate and distinct fund which shall be used exclusively for replacement.
- (5) Users discharging toxic pollutants shall pay for any increased operation, maintenance and replacement costs caused by the toxic pollutants.
- (6) Users shall be notified at least annually, in conjunction with a regular bill, of the rate and that portion of the user charges which are attributable to wastewater treatment services.
- (7) This article shall take precedence over any terms or conditions of agreement of contracts between the village and users which are inconsistent with the requirements of section NR 128.13 of the Wis. Adm. Code.

(Code 1966, § 23.19)

Sec. 86-172. - Admission to property.

The village shall be permitted to gain access to such properties as may be necessary for the purpose of inspection, observation, measurements, sampling and testing, in accordance with provisions of this article.

(Code 1966, § 23.16)

Sec. 86-173. - Confidentiality of critical information.

~~The Village shall have no authority to inquire into any processes including metallurgical, chemical, oil, refining, ceramic, paper or other industries beyond that point having a direct bearing on the kind and source of discharge into the sanitary sewer. Wastewater pollutants and characteristics will not be recognized as confidential information. Information accepted by the Village as confidential shall not be transmitted to any governmental agency until and unless notification is given to the industrial user. When requested by the user furnishing a report or permit application or questionnaire, the portions of the report, or other document, which might disclose trade secrets or secret processes shall not be made available for use by the village or any state agency in judicial review or enforcement proceedings involving the person furnishing the report unless required to do so by court order or statute. When requested by the user furnishing a report or permit application or questionnaire, the portions of the report, or other document, which might disclose trade secrets or secret processes shall not be made available for use by the village or any state agency in judicial review or enforcement proceedings involving the person furnishing the report.~~

(Code 1966, § 23.17)

Sec. 86-174. - Collection of charges.

The sewer service charges levied pursuant to this article shall be collected by the village in the same manner and in the same place that the water bills are collected and paid.

(Code 1966, § 30.01(6))

Sec. 86-175. - Delinquent payments.

Bills for sewer service not paid within the first 15 days of each month of each collection period shall be considered delinquent and shall be increased by a penalty of ten percent.

(Code 1966, § 30.01(7))

Sec. 86-176. - Lien on real estate.

Each sewer service charge is made a lien upon the corresponding lot, land or premises serviced by a connection to the sanitary sewer system, and if the same is not paid within the period allotted for such payment, the charge shall constitute a lien on the property served and be inserted in the village tax roll, as provided in the state statutes.

(Code 1966, § 30.01(8))

Secs. 86-177—86-185. - Reserved.

DIVISION 2. - CONNECTION TO WASTEWATER WORKS

Sec. 86-186. - Declaration of policy.

The village board finds and declares, [where required by the Wisconsin Department of Safety and Professional Services \(DSPS\) Code](#), that the public health, comfort and safety is preserved and enhanced by the provisions of the wastewater works in the promotion of a clean and healthful environment and that the failure to connect to the wastewater works is contrary to minimum health standards.

(Code 1966, § 23.05(1))

Sec. 86-187. - Connections.

- (a) *Required; notice.* To ensure preservation of public health, comfort and safety, the owner of any houses, buildings, or properties used for human occupancy, employment, recreation, or other habitations, situated within the village and adjacent to a public sewer or in a block through which a public sewer extends, is hereby required at his expense to install suitable toilet facilities therein, and to connect such facilities directly with the proper public sewer in accordance with the provisions of this article, within nine months after the public sewer first becomes operational, or if an immediate health hazard exists within 30 days upon receipt of notice from the building inspector.
- (b) *Failure to comply with notice; village to connect; payment; lien; installment payment; standby charges.* If a person fails to comply with the notice to connect within the given period of time the utility may, at its option:
 - (1) ~~Obtain a court order to~~ cause such connection to be made and bill the property owner for such costs. If such costs are not paid within 30 days, such costs shall be assessed as a special tax lien against the property, unless the owner, within 30 days after the completion of the work, files a written option with the village clerk stating that he cannot pay such amount in one sum and asking that it be levied in not to exceed five equal annual installments. The amount shall be so collected with interest at the rate of eight percent per annum from the completion of the work, the unpaid balance to be a special tax lien; or
 - (2) Impose a standby charge for the period that such failure continues, after ten days' written notice to any owner failing to make a connection to the wastewater works or an amount equal to 150 percent of the residential equivalency charge, payable monthly for the period in which the failure to connect continues, and, upon failure to make such payment, the charge shall be levied as a tax against the lot or parcel to which sewer service was furnished.

(Code 1966, §§ 10.61, 23.05(2))

State Law reference— Authority regarding standby charges generally, W.S.A., § 66.069(1)(a).

Sec. 86-188. - Alternative disposal.

- (a) No person shall construct or maintain any privy, privy vault, septic tank, cesspool, or other facility intended or used for the disposal of domestic wastewater, if a public sewer is available.
- (b) No person shall discharge to any natural outlet within the village or in any area under the jurisdiction of the village, sewage or other polluted waters, except where suitable treatment has been provided in accordance with subsequent provisions of this article.

(Code 1966, § 23.05(3))

Sec. 86-189. - Prohibited connections.

No sump pump, downspout, cistern overflow, drain tile, water cooled air conditioning, privies or septic tanks shall be connected to the public sewer system or any pipe connected to the public sewer system.

(Code 1966, § 10.62)

Sec. 86-190. - Plumbers; license required.

No plumber, pipefitter, or other person will be permitted to do any plumbing or pipefitting work in connection with the wastewater works without first receiving a license from the state.

(Code 1966, § 23.05(4))

Sec. 86-191. - Maintenance of services.

All public sewer mains within the limits of the village shall be maintained and repaired by the utility without expenses to the property owner, except when they are damaged as a result of negligence or carelessness on the part of the property owner, ~~or~~ occupant, or their contractor, in which case they will be repaired at the expense of the property owner. All sewer services from the sewer main, including the connection, to and throughout the premises shall be maintained free of defective conditions by and at the expense of the owner of the property.

(Code 1966, § 23.05(5); Ord. No. 752A, § I, 1-18-05)

Sec. 86-192. - Users.

- (a) *Application for service; charges; approval and rejection; issuance; expenses.* Every person requesting connection to the wastewater works shall file an application in writing to the utility, in such form as is prescribed for that purpose. Blanks for such applications will be furnished at the office of the village clerk. The application must state fully and truly all the use which will be presently made. If any change in use from that set forth in this application is contemplated, the user must obtain further application and permission from the utility. If the applicant is not the owner of the premises, the written consent of the owner must accompany the application. The application may be for service to more than one building, or more than one unit of service through one service connection; and, in such case, charges shall be made accordingly. If it appears that the service applied for will not provide adequate service for the contemplated use, the utility may reject the application. If the utility approves the application, it shall issue a permit for services as shown on the application. All expenses relating to the connection to the wastewater works shall be paid by the applicant or owner.
- (b) *Tap permits.* After sewer connections have been introduced into any building or upon any premises, no plumber shall make any alterations, extensions, or attachments, unless the party ordering such tapping or other work shall obtain and exhibit the proper permit for the same from the utility.
- (c) *To keep service pipes in repair.* All users shall keep their own service pipes in good repair and protected from frost, at their own risk and expense; and shall prevent any unnecessary overburdening of the wastewater works.
- (d) *Use.* No user shall allow other persons to connect to, or permit other uses to be made of, the wastewater works through his lateral.
- (e) *Inspections to be permitted.* Every user shall permit the utility or its duly authorized agent, at all reasonable hours of the day, to enter their premises or building to examine the pipes and fixtures and the manner in which the drains and sewer connections operate. They must at all times, frankly and without concealment, answer all questions put to them relative to the use of the same.

- (f) *Responsibility.* No claim shall be made against the utility or its agents or employees by reason of the breaking, clogging, stoppage, or freezing of any service pipe; nor from any damage arising from repairing mains, making connections or extensions or any other work that may be deemed necessary by the utility, absent gross negligence of the utility, its agents or employees. The village may cut off the service at any time for the purpose of repairs or any other necessary purpose, any permit granted or regulation to the contrary notwithstanding. Whenever it shall become necessary to shut off the sewer service within any areas of the village, the utility shall, if practicable, give notice to each affected user.

(Code 1966, § 23.05(6))

Sec. 86.193. - Excavations.

- (a) A \$5,000 Bond is required for any work in the right-of-way (ROW).
- (ab) Any contractor or any person performing excavations shall carry public liability insurance in the amount not less than one million dollars (\$1,000,000) per occurrence and two million dollars (\$2,000,000) in the aggregate to protect any and all persons or property from injury and/or damage in any way or manner by an act or the failure to act by any of his employees. The contractor or person shall furnish a certificate in form acceptable to the Village, certifying such insurance to be in full force and effect. Any contractor or person shall agree to indemnify and hold harmless the Village from any and all liability, claims, damages or costs arising out of or resulting from the performance of the work. Liability insurance shall list the Village as an additional insured on a primary and noncontributory basis.
- (c) In making excavations in streets or highways for laying service pipe or making repairs, the paving and earth removed must be deposited in a manner that will occasion the least inconvenience to the public.
- (bde) No person shall leave any such excavation made in any street or highway open at any time without barricades, and, during the night, warning lights must be maintained at such excavations. Contractor shall comply with State Specifications 643.
- (eed) All services within the public right-of-way shall have their trenches backfilled with aggregate slurry compacted sand and gravel unless the excavated material is approved by the village. Such work, together with the replacing of sidewalks and paving, must be done so in kind, as to make the street as good, at least, as before it was disturbed, and be satisfactory to the village. be done in accordance with Village Specifications. No opening of the streets for tapping the pipes will be permitted when the ground is frozen.
- (dfe) All construction within the public right-of-way shall be performed according to the latest edition of "Standard Specifications for Sewer and Water Construction in Wisconsin." and Village specifications.

(Code 1966, § 10.63, 23.05(7))

Sec. 86-194. - Laterals.

- (a) All laterals on private property will be installed in accordance with Wis. Adm. Code, ~~ch. H-62.04(4) "Building Sewers,"~~ SPS 382.30 Sanitary Drain Systems as from time to time amended.
- (b) The building sewer shall be inspected by the Utility Directors~~superintendent~~ or his designee upon completion of placement of the pipe and before ~~backfilling, and backfilling and~~ tested before and after backfilling.

(Code 1966, §§ 10.64-10.68, 23.05(8))

Sec. 86-195. - Tapping the mains.

- (a) No persons, except those having special permission from the utility, or persons in their service and approved by them, will be permitted under any circumstances to tap the public sanitary sewers. The kind and size of the connection with the public sanitary sewers shall be that specified in the permit [per Village Specifications](#) or order from the utility.
- (b) Pipes should always be tapped at the [10 o'clock and 2 o'clock positions](#)~~top~~, and not within six inches (15cm) of the joint, or within 24 inches (60cm) of another lateral connection. [All mains isin which tap is performed shall be televised after tap is completed.](#)
- (c) When any building sewer service is to be relayed and there are two or more buildings on such service, each building shall be disconnected from such service and a new building sewer shall be installed for each building.

(Code 1966, § 23.05(9))

Secs. 86-196—86-205. - Reserved.

DIVISION 3. - INTERNAL DRAINAGE SYSTEM

Sec. 86-206. - General standards.

[Internal Drainage System shall comply with SPS 381, SPS 382, and SPS 384.](#)

- ~~(a) All stacks, main branches and vents shall be made of extra heavy cast iron coated with tar or asphaltum, galvanized wrought iron, galvanized steel, lead, brass or copper pipe. No galvanized, steel or iron pipe shall be laid underground. Bonding of brass or galvanized pipe is prohibited.~~
- ~~(b) Different sizes of pipes or pipes and fittings shall be connected by proper size increasers or reducers.~~
- ~~(c) Protection. All pipe, unless entirely impracticable, shall be placed within the walls of the structure; shall be as direct as possible and shall, together with all traps, cleanouts and fixtures, be protected from the frost. Protection from frost in outside walls shall be provided by adequate insulation which may consist of proper air spacing, approved insulating materials, warm air circulation, cold air draft stops between joists or studding, or any combination of these.~~

~~(Code 1966, § 10.71)~~

~~Sec. 86-207. —Stacks.~~

- ~~(a) All stacks shall extend full size through the roof. All stacks shall be substantially supported and shall be provided with floor rests or other substantial supports at intervals of floors or ten feet. Horizontal piping shall be supported at intervals not to exceed ten feet. Horizontal cast iron pipe shall be supported at intervals of not more than five feet. Lead, copper and like piping shall be adequately supported to prevent sagging. All pipe supports shall be made of heavy iron posts, wall hangers or brackets and concrete or masonry piers.~~
- ~~(b) Size shall be determined by the number of fixtures connected to the stack. If the pipe grade is 45 degrees or more, the same unit capacity as for vertical stacks will be permissible. The minimum stack size shall be three inches. A long sweep one-quarter bend, two one-eighth bends, or a Y and one-eighth or one-sixth bend, or its equivalent, shall be used at the base of all stacks. When such fittings constitute the connection between a stack and drain, and the drain is of larger size than the stack served, the increase shall be made at the union of the stack and base fittings, and no such bend or fitting shall be less than four inches in diameter.~~

(Code 1966, § 10.72)

~~Sec. 86-208. — Branches.~~

- (a) ~~Generally.~~ All branches extending from a stack running vertically, horizontally, or both, shall be carried full size to fixture connections and shall be vented or revented to conform with the provisions of the state plumbing code.
- (b) ~~Grade.~~ All horizontal pipes shall be in alignment, and at the uniform grade of one-quarter inch per foot or more.
- (c) ~~Direction.~~ All changes in direction shall be made by the proper use of 45-degree Ys, half Ys, long sweep quarter bonds, sixth, eighth or sixteenth bonds, or with fittings producing a like radius, except that single or double sanitary Ts may be used to install a 45-degree Y with an eighth bend. Short quarter bends may be used where the change in direction of flow is from the horizontal to the vertical and for closet discharge connections. No common make double sanitary tee shall be used on either a vertical or horizontal stack or branch serving wall hung closet bowls.
- (d) ~~Supports.~~ All hangers, pipe supports and fixture settings shall be securely made. All drainage pipes shall be rigidly secured and supported so that proper alignment is retained.

(Code 1966, § 10.73)

~~Sec. 86-209. — Vents.~~

- (a) ~~Generally.~~ Fixtures located on the same floor discharging into a double Y or sanitary tee cross may be vented by a single vent pipe. Fixtures located on opposite sides of a wall or partition in the same building, or directly adjacent to each other, may have a common vent pipe. No vent shall be taken off the crown of a trap. Any back vent serving a trap shall be connected as close to the trap as possible, but in no case shall the distance be more than 24 times the inside diameter of the branch.
- (b) ~~Grade.~~ All vent and back vent pipes shall be free from drops or sags, and shall be so graded and connected as to drip back to the stack or branch by gravity. Whenever it becomes necessary to trap a horizontal vent pipe, it shall be drained back into a stack or branch by gravity. A loop vent may be installed as provided by the state plumbing code.
- (c) ~~Size.~~ Size shall be determined from the number of fixture units connected thereto, as provided by the state plumbing code. A branch pipe, to which two and not more than eight fixtures are connected, may be vented by a circuit vent, which shall be taken off ahead of the last fixture. Where fixtures discharge above a branch served by a vent, each such branch shall be provided with a relief wet or dry vent, taken off ahead of the first fixture, with a diameter of not less than one-half the size of the stack. No relief vent shall be less than 1½ inches in diameter. Vents for water closets shall be of the following sizes:
 - Two-inch For a battery of two closets
 - Three-inch For a battery of three to six closets
 - Four-inch For a battery of seven or more closets
- (d) ~~Termination.~~ All vents shall run separately through the roof, be reconnected at least 12 inches below the roof, or be reconnected to the main vent pipe not less than 38 inches above the highest floor on which fixtures are placed. No fittings for future connections shall be placed in pipe above the point of revent connection. No vent pipe through a roof shall be less than four inches in diameter. Changes in diameter shall be made by means of a long increaser at least one foot below the roof. The roof terminals of all vent pipes shall extend at least three feet above any door, window, scuttle, air shaft or other opening used for ventilation when located at a distance less than 12 feet from such terminal.

(Code 1966, § 10.74)

~~Sec. 86-210. Traps.~~

- ~~(a) —Generally. Each fixture shall be separately trapped by a water seal trap placed as near to the fixture as practical. Laundry trays, washtubs, or double compartment sinks may waste into single traps. The use of S traps is prohibited. Every trap shall be protected to prevent siphonage or back pressure by ensuring air circulation with a vent or back vent.~~
- ~~(b) —Design. No trap shall be used which depends upon the action of movable parts for its seal; which depends upon concealed destructible interior partitions for its seal; or which, in case of a defect, would permit the passage of sewer air. Every trap shall be self-cleansing. The water seal shall be at least two inches.~~
- ~~(c) —Material. Material shall be either vitreous china, clay, lead, brass, cast or malleable iron. Cast traps shall be coated on the inside and outside with an approved rustproof coating.~~
- ~~(d) —Installation. All traps shall be so located as to be accessible, rigidly supported, set true with respect to their water level and protect their seals. No fixture shall be double trapped, and there shall be no traps at the base of stacks.~~

(Code 1966, § 10.75)

~~Sec. 86-211. Cleanouts.~~

- ~~(a) —Generally. A four-inch cleanout with a brass screw cover shall be provided at a point where the drain leaves the structure. This cleanout shall be extended from the drain with a cast iron pipe to the surface of the finished floor or grade and shall not be less than two inches above the finished floor or grade. Where the drain or a branch to a stack exceeds 25 feet in length, an additional cleanout shall be provided for such stack. Located at a point 28 to 30 inches above the floor. Such cleanouts shall be equal to the full size of the stack. Cleanouts at the base of stacks shall be placed in a vertical position, so that access can be secured to the stack as well as to the drain. Cleanouts shall be provided in connection with batteries of water closets, urinals, wash basins, sinks and showers at such points that all parts of the branches may be reached conveniently for cleaning or removal of stoppages. Pipes from sinks or other similar fixtures discharging greasy wastes shall have sufficient accessible cleanouts spread over their entire length. All small fixture traps shall be provided with trap screw cleanouts. All fixture traps and cleanouts shall be located as to be accessible for cleaning or removal of stoppages.~~
- ~~(b) —Size of pipe. Pipe cleanouts shall be the same size as the pipe, up to four inches in diameter, and not less than four inches for larger pipe.~~

(Code 1966, § 10.76)

Secs. 86-~~207~~¹²—86-220. - Reserved.

DIVISION 4. - FIXTURES

Sec. 86-221. - General standards.

All fixtures shall comply with SPS 381, SPS 382, and SPS 384, be of such design, material and construction as to ensure durability, proper service and sanitation. All fixtures shall be installed or set free and open from all enclosing work. Where practicable, all pipes from fixtures shall be run to the wall. Backgrounds, except under special conditions, shall be provided for the securing of all wall fixtures or hangings. Outlet passageways shall be free from impairments and of sufficient size to ensure proper

~~discharge of the fixture contents, under normal conditions. Outlet connections shall be such that a permanent airtight and watertight joint can be readily made between the fixture and the drainage system.~~

~~(Code 1966, § 10.81)~~

~~Sec. 86-222.—Fountains.~~

~~All drinking fountains shall be made of earthenware, vitreous chinaware, enameled ironware or other impervious material. The bowl shall be so designed and proportioned as to be free from corners, readily cleaned, and prevent unnecessary splashing at the point where the jet falls into the bowl. The nozzle shall be of nonoxidizing impervious material and shall have no fouling space or enclosures making cleaning difficult or inducing unsanitary conditions. The jet shall be inclined and the orifice shall be higher than the rim of the wastewater receiving bowl. Drinking fountains shall not be installed in toilet rooms.~~

~~(Code 1966, § 10.82)~~

~~Sec. 86-223.—Showers.~~

~~All showers, except those directly over unexcavated portions of a building, or where a shower receptacle is used, shall be safed with a noncorrosive material beneath the entire shower stall and upward along the sides of the stall for a distance of at least six inches. The safing shall be properly drained and coated with asphaltum.~~

~~(Code 1966, § 10.83)~~

~~Sec. 86-224.—Water closets.~~

~~All water closets shall be made of vitreous chinaware. The bowl and trap must be made of the combined pattern in one piece. They shall hold sufficient quantity of water and be of such shape and form that no fecal matter will collect on any surface of the bowl. All water closet bowls shall be equipped with adequate flushing rims, so as to flush and scour the bowl properly when discharged. Not more than one water closet bowl shall be connected to a three-inch branch. Water closets located back to back shall not be connected with a sanitary cross, but shall be connected by double Ys and one-eighth bends.~~

~~(Code 1966, § 10.84)~~

~~Sec. 86-225.—Urinals.~~

- ~~(a) —Generally. Urinals shall be made of material impervious to moisture and which will not corrode under the action of urine. Urinals shall be of such materials, design and construction so that they may be properly flushed and kept in a sanitary condition.~~
- ~~(b) —New installations. New installations shall consist only of individual urinals. These urinals shall be of porcelain or vitreous china; set into the floor; the floor graded toward the urinal; and equipped with an effective automatic tank or a satisfactory foot operating flushing device. All automatic flushing devices shall be so adjusted as to cause thorough flushing of the urinal at regular intervals. A battery of not more than four stall urinals may be flushed with one automatic tank, providing the flush pipe is so sized and graded as to ensure sufficient pressure, volume and equal distribution of the tank contents.~~

~~(Code 1966, § 10.85)~~

[Secs. 86-222 – 86-225. – Reserved.](#)

Sec. 86-226. - Miscellaneous fixtures.

All grease separators, refuse separators, sumps, ejectors, etc., shall [comply with SPS 381, SPS 382, and SPS 384](#) ~~be installed and sized as required by the state plumbing code.~~ [See Section 86-262.](#)

~~(Code 1966, § 10.86)~~

Secs. 86-227—86-235. - Reserved.

DIVISION 5. - CHARGES

Sec. 86-236. - Basis.

The sewer service charge shall be based on two parts, the residential equivalency charge, plus the sewer use charge. If any person discharging sewage into the public sewer system procures any part, or all of his water from sources other than the village water utility, the person shall furnish, install and maintain at his expense, water meters, of a type approved by the water utility for the purpose of determining the volume of sewage discharged to the sewer system, as described in section 86-263.

(Code 1966, § 23.06(1))

Sec. 86-237. - Residential equivalency charge.

- (a) A residential equivalency charge is hereby imposed upon each lot, parcel of land, building or premises served by the wastewater works or otherwise discharging sewage, including nondomestic and industrial wastes, into the system. Such residential equivalency charge shall be payable as provided in this division and shall be on the basis of one unit for each residential equivalent unit.
- (b) On or before September 1 of every year the village clerk shall recompute the assignment of residential equivalent units to all users within the system. Such summation of residential equivalent units will then be divided into the yearly debt service to arrive at the charge per residential unit. The recalculation shall be based upon the average water used by each customer, other than single-family dwellings, for the quarters ending March, June and December compared to the average amount of water used by all single-family dwellings for the quarters ending March, June and December. The assignment method shall apply only to buildings that are attached to and are customers of the village water utility. Other users shall be assigned REC's in accordance with section 86-263. The residential equivalency charge chart is attached as Appendix A of this article.

(Code 1966, § 23.06(2))

Sec. 86-238. - Sewer use charge [and surcharges.](#)

- (a) A sewer use charge is hereby imposed upon all users of the wastewater works based upon the metered water used thereon or therein as calculated by the water utility. On or before September 1 of every year, the village clerk shall recompute the sewer use charge per 1,000 gallons of water used. This charge shall be computed by dividing the proposed net yearly operation and maintenance budget by the previous year's average water consumption. The residential water consumption for sprinkling during the quarter ending in September and any refrigeration, air conditioning system or industrial cooling water not entering the sewer system shall not be used in computing the sewer use charge.

- (b) For residential users during the quarter ending September 30, the charge shall be the same as that assessed for the last quarter previous, ending June 30, unless the water consumption for this quarter is less than that for the quarter ending June 30, in which case the charge shall be for the actual water used. For all other users, the charge shall be per 1,000 gallons based on the metered water used.

(c) Sewer user charge includes sewer use charge and surcharges for wastewater discharged to the wastewater collection system. These charges are in accordance with the current Sewer Rate StudyB.

(Code 1966, § 23.06(3))

Sec. 86-239. - Industrial and commercial charges for other than domestic wastewater.

Charges for wastewater other than domestic wastewater shall be based on flow, CBOD, suspended solids, phosphorus, TKN, and such other constituents which affect the cost of collection and treatment. All persons discharging wastes into the wastewater works are subject to a surcharge, in addition to any other wastewater service charge, if their wastewater has a concentration greater than domestic wastewater concentrations. The volume of flow used for computing waste surcharges shall be the metered water consumption, or the actual volume of waste as determined by an industrial waste metering installation. The amount of surcharge shall reflect the cost incurred by the utility in removing CBOD, suspended solids, TKN, phosphorus, and other pertinent constituents. The surcharge will be based in accordance with the current Sewer Rate StudyAppendix "B" User Charge System with is part of this article. The surcharge shall be computed on the basis of Model No. 2 contained on page 5270 of the Federal Register, Volume 39, No. 29, February 11, 1974.

Surcharge $B = (B) + 5 \text{¢}(P) + P \text{¢}(P) Vu$

(Code 1966, § 23.06(4))

Sec. 86-240. - Sewer connection fee.

- (a) *Levied and assessed.* There is hereby levied and assessed upon each lot or parcel of land currently within the village, but not having an existing connection to the wastewater works and upon land subsequently attached to the village, a sewer connection fee. Such fee shall be payable as provided in this section and shall be based on the meter size for the connection of the water service to the property.
- (b) *Existing and future connections.* For the purpose of this article, sewer connections in the village shall be classified as existing connections or future connections. Existing connections shall be those in existence and connections for which a sewer connection permit has been issued and construction started as of 11:59 p.m., March 31, 1980. Future connections shall be those not in existence as of 11:59 p.m., March 31, 1980.
- (c) *Schedule of charges.* The connection fee shall be charged based on the size of the meter utilized for the water service connection to the property. The charge for said service shall be as set forth in the Sewer Rate Study~~schedule attached hereto and incorporated herein as Appendix "B"~~. Said Sewer Rate Study ~~exhibit~~ shall be made available for review and inspection in the office of the village clerk.
- (d) *Payments.* There shall be no connection fee charge for existing connections. Connection fee payments for future connections where only one meter is utilized to provide water service, shall be made in full upon the issuance of a building and/or plumbing permit. Payments for connection fees where there are multiple meters serving multiple tenants or users of the structure shall be paid either in one lump sum or as follows:
- (1) Twenty-five percent upon the issuance of a building permit.
 - (2) Twenty-five percent upon the granting of an occupancy permit.

- (3) The remaining charges to be paid out in 12 equal installments, due on or before the first of each month.
- (4) If any of the monthly payments are not paid when due, then the entire amount shall immediately become due and become a lien against the property that shall be placed upon the tax bill for the property. Interest of one and one-half percent shall be assessed on the entire amount due and owing. The interest shall be calculated from the date of issuance of the building permit. An administrative fee of ten percent of the amount placed upon the tax bill shall also be assessed.

(Ord. No. 878, § I, 8-19-14)

Editor's note— Ord. No. 878, § I, adopted Aug. 19, 2014, repealed the former § 86-240, and enacted a new section as set out herein. The former § 86-240 pertained to reserve capacity assessments and derived from Code 1966, § 23.06(5); and Ord. No. 569, § I, adopted Oct. 23, 1995.

Sec. 86-241. - Ready-to-serve charge.

The owner of each premises to which sewer service has been provided by the utility, but not connected to the wastewater works for sewer service, shall pay for the availability thereof a ready-to-serve charge of 90 percent of the rate provided by section 86-237. Any ready-to-serve charge becoming effective during any year shall be charged on a pro rata basis for that year in which such charge becomes effective.

(Code 1966, § 23.06(6))

Sec. 86-242. - Special rates.

It is understood, however, that the approving authority may, at any time hereafter, set special rates for any large commercial service, industrial use or any other unique user that does not readily fit into other categories of users.

(Code 1966, § 23.06(7))

Sec. 86-243. - Payment.

- (a) *Monthly billing; due date; penalty.* Sewer service charges may be billed monthly and shall be payable at the village clerk's office or at any other officially designated location. Statements for such charges and assessments levied and assessed in accordance with this article shall become due and payable within 20 days from and after the date of the statement. If any such statement is not paid when due, a penalty of ten percent will be added thereto.
- (b) *Responsibility for payment.* The property owner is held responsible for all sewer bills on premises that he owns. All sewer bills and notices of any nature, relative to the sewer service, will be addressed to the owner and/or occupant and delivered to the addressee by first class mail.
- (c) *Failure to receive bill no penalty exemption.* Every reasonable care will be exercised in the proper delivery of sewer bills. Failure to receive a sewer bill, however, shall not relieve any person of the responsibility for payment of sewer rates within the prescribed period, nor exempt any person from any penalty imposed for delinquency in the payment thereof.
- (d) *Delinquent bills; notice of arrears; penalty; lien.* On October 15 in each year, notice shall be given to the owner or occupant of all lots or parcels of real estate to which service has been furnished prior to October 1 and for which payment is owing and in arrears at the time of giving such notice. The utility

shall furnish the village treasurer with a list of all such lots or parcels of real estate, and the notice shall be given by the village treasurer. Such notice shall be in writing and shall state the amount of such arrears, including any penalty assessed pursuant to the rules of such utility; that unless the same is paid by November 1, a penalty of ten percent of the amount of such arrears will be added thereto; and that unless such arrears and penalty is paid by November 15, the same will be levied as a tax against the lot or parcel of real estate to which service was furnished and for which payment is delinquent, as specified. Such notice may be served by delivery to either such owner or occupant personally, or by letter addressed to such owner or occupant at the post office address of such lot or parcel of real estate. On November 16, the village treasurer issuing the notice shall certify and file with the village clerk a list of all lots or parcels of real estate, giving the legal description thereof and the amount of unpaid arrears and penalty. Each such delinquent amount, including such penalty, shall thereupon become a lien upon the lot or parcel of real estate to which the service was furnished and payment for which is delinquent, and the village clerk shall insert the same as a tax against such lot or parcel of real estate. All proceedings in relation to the collection of general property taxes and to the return and sale of property for delinquent taxes shall apply to the tax if the same is not paid within the time required by law for payment of taxes upon real estate.

(Code 1966, § 23.07)

State Law reference— Similar provisions, W.S.A., § 66.069(1)(b).

Sec. 86-244. - Disposition of revenue.

- (a) *Costs of operation and maintenance; depreciation reserve; bond payments.* The rates and charges set forth in this division shall be applicable to all services furnished and made available by the wastewater works to the village and its inhabitants, and all other persons, firms and corporations, both public and private, until modified by ordinance amendatory hereof or supplemental hereto, provided such rates and charges, as amended, shall always be fixed, maintained and collected in such amount as shall produce gross revenues adequate to pay as incurred all costs of the operation and maintenance of the utility, to accumulate an adequate reserve for the depreciation thereof, and to pay, when due, the principal of and interest on all bonds of the utility which are payable from the revenues of the wastewater works.
- (b) *Revenue fund.* The funds received from the collection of the sewer service charges authorized by this article shall be credited to a sewer system revenue fund and shall be set aside into the separate and special funds heretofore provided for by the approving authority for the reasonable and proper operation and maintenance of the wastewater works, for a proper and adequate depreciation account, and for the payment of the interest and principal of bonds issued and outstanding, or which may be hereafter issued to provide funds to construct, improve or extend the wastewater works.
- (c) *Additional payments.* When appropriated by the approving authority, the credits to the depreciation account remaining after the payment of operation and maintenance costs and interest and principal of bonds issued shall be available for the payment of the following uses:
 - (1) The replacement of existing sewer mains.
 - (2) Substitution of larger sizes for existing mains.
 - (3) New primary sewer mains and installation of new primary sewer mains in excess of such charge or cost, payable by statutory assessment.
 - (4) Road repair required by such construction.
 - (5) Contracted engineering service to ensure a planned program.
 - (6) Repairs, renewals or expansion of the wastewater works in excess of \$5,000.00.
- (d) *Surplus.* Any surplus in the account shall be available for the payment of principal and interest of bonds issued and outstanding, or which may be issued to provide funds for the wastewater works or

part thereof, and all or a part of the expenses for additions and improvements and other necessary disbursements or indebtedness, together with other uses authorized by W.S.A., § 66.069(1)(c), and the approving authority may, by resolution, pledge such surplus or any part thereof for any such purpose.

(Code 1966, § 23.08)

Sec. 86-245. - Charges for disposal of holding tank wastewater and septic tank waste.

A person with a permit for disposing of holding tank wastewater or septic tank waste into the sewage receiving station at the WWTP ~~wastewater collection and treatment facilities~~ shall be subject to charges as specified in the most current village board resolution ~~in accordance with the current Sewer Rate Study B~~.

(Ord. No. 844, § I, 5-17-11)

Secs. 86-246—86-255. - Reserved.

DIVISION 6. - PROHIBITED DISCHARGE

Sec. 86-256. - Discharge agreement.

- (a) No person shall discharge or cause to be discharged to the collection system, either directly or indirectly, any hydrocarbon contaminated substances, material, waters or waste if such discharge, either alone or through interaction with multiple discharges, causes contamination to exceed 150 parts per billion (PPB) of BETX at the headworks of the wastewater treatment plant.
- (b) Prior to the discharge of any hydrocarbon contaminated substances, materials, water or wastes to the wastewater treatment plant, the discharger must enter into an agreement satisfactory to the village. The agreement shall contain the following conditions and/or any other conditions imposed by the village:
 - (1) The discharger shall pay any and all costs associated with the testing and/or monitoring of the discharge.
 - (2) Any and all professional and/or engineering fees incurred by the village that are associated with the discharge shall be paid by the discharger.
 - (3) Limits on the average and maximum wastewater constituents and characteristics.
 - (4) The unit charge or schedule of user charges and fees for the wastewater to be discharged through the wastewater disposal system.
 - (5) Limits on average and maximum flow rate and time of discharge or requirements for flow regulation and equalization.
 - (6) Requirements for installation and maintenance of sampling facilities.
 - (7) Requirements for installations, operation and maintenance of pretreatment facilities.
 - (8) Specifications for monitoring programs which may include sampling locations, frequency and method of sampling, number, and types and standards for tests and reporting schedule.
 - (9) Compliance schedules.
 - (10) Requirements for submission of technical or discharge reports.
 - (11) Requirements for notification to and acceptance by the approving authority of any new introduction of wastewater constituents or of any substantial change in the volume or character of the wastewater constituents being introduced into the wastewater treatment system.

- (12) Requirements for notification of slug or accidental discharges and reporting of violations.
- (13) Other conditions as deemed appropriate by the approving authority to ensure compliance with this article.
- (14) No discharge of hydrocarbon contaminated waste in excess of the design capacity of the wastewater treatment plant.

(Code 1966, § 23.09(1); Ord. No. 537, § I, 6-8-94)

Sec. 86-257. - Enumeration of prohibited wastes or wastewater.

No person shall discharge or cause to be discharged to the collection system, either directly or indirectly, any of the following described wastes or wastewater:

- (1) Any liquid having a temperature higher than 150 degrees Fahrenheit (65 degrees Celsius).
- (2) Any wax, grease or oil, plastic or any other substance that will solidify or become discernibly viscous at temperatures between 32 degrees to 150 degrees Fahrenheit (0 degrees to 65 degrees Celsius).
- (3) Any solids, liquids or gases which by themselves or by interaction with other substances may cause fire, explosion, hazards, create toxic fumes or in any other way be injurious to persons or property involved in the operation or maintenance of the wastewater works.
- (4) Solid or viscous substances in quantities or of such size capable of causing obstruction to the flow in sewers, or other interference with the proper operation of the wastewater works, such as, but not limited to, ashes, cinders, sand, mud, straw, shavings, metal, glass, rags, feathers, tar, plastics, wood, unground garbage, whole blood, paunch manure, hair and fleshings, entrails, paper dishes, cups, milk containers, etc., either whole or ground by garbage grinders.
- (5) Any garbage that has not been properly comminuted or shredded to such a degree That all particles will be carried freely in suspension in the municipal sewers: 100 percent passing a one-half-inch screen, and 90 percent passing a one-quarter-inch screen.
- (6) Any noxious or malodorous substance, which either singly or by interaction with other substances, is capable of causing odors objectionable to persons of ordinary sensitivity.
- (7) Any wastes or wastewater having a pH lower than ~~5.05~~6.0 or higher than ~~9.11~~9.0 or having any corrosive property capable of causing damage or hazards to the wastewater works or personnel.
- (8) Any wastes or wastewater of such character and quantity that unusual attention or expense is required to handle them in the wastewater works.
- (9) Any wastewater or wastes containing a toxic or poisonous substance such as plating or heat treating wastes in sufficient quantity to injure or interfere with the wastewater collection system or treatment process and facilities, interfere with the sludge management program, to constitute a hazard to humans or animals, to create any hazard in the wastewater works, or which would cause the utility wastewater treatment facilities to discharge any of the following pollutants in quantities in excess of the limitations established in the Wis. Adm. Code or WPDES permit: arsenic cyanide, hexavalent, chromium, trivalent chromium, copper, cyanide, lead, mercury, molybdenum, nickel, cadmium, silver, zinc, phenols, iron and tin.
- (10) Any radioactive wastes greater than allowable releases as specified by current United States Bureau of Standards handbooks dealing with the handling and release of radioactivity.
- (11) Free or emulsified oil and grease exceeding, on analysis, an average of 100 mg/l of either, or both, or combinations of free or emulsified oil and grease, if, in the opinion of the Utility Director~~superintendent~~ it appears probable that such wastes or wastewater:
 - a. Can deposit grease or oil in the collection system in such manner to cause it to clog.

- b. ~~Mels~~ not amenable to bacterial action and will therefore pass to the receiving waters without being affected by normal wastewater treatment processes.
 - c. Can have deleterious effects on the wastewater treatment process due to the excessive quantities.
- (12) Any cyanides or cyanogen compounds capable of liberating hydrocyanic gas or acidification in excess of one-half mg/l by weight as cyanide in the wastes.
- (13) Wastes or wastewater which:
- a. Cause unusual concentrations of solids or composition, as, for example, in total suspended solids of inert nature (such as fuller's earth) and/or in total dissolved solids such as sodium chloride, or sodium sulfate.
 - b. Cause excessive discoloration in the wastewater treatment facilities discharge.
 - c. ~~Has BOD in excess of 900 mg/l based upon a 24-hour composite sample. Are a slug adversely affecting the collection system and/or performance of the wastewater treatment works.~~
 - d. Has a total ~~CBOD₅~~ or suspended solids, phosphorus, or TKN loadings that adversely affect the collection system and/or performance of the wastewater treatment works, ~~in excess of the wastewater discharge permit described in section 86-276.~~
 - e. Is discharged without application for a wastewater discharge permit or contractual agreement as required under section 86-276.
 - f. Cause damage to the collection system or impair the treatment process.

(14) Local Limitations

- a. A user shall not discharge into the sewerage system wastewater containing pollutants in amounts exceeding the concentrations stated below. Where Federal, State or local regulations outline different limitations for the same pollutant, the more stringent limitation shall apply.

<u>Pollutant</u>	<u>Concentration mg/l</u>
<u>Arsenic</u>	<u>0.13</u>
<u>Cadmium</u>	<u>0.05</u>
<u>Chromium</u>	<u>1.71</u>
<u>Copper</u>	<u>2.07</u>
<u>Cyanide</u>	<u>0.58</u>
<u>Lead</u>	<u>0.34</u>
<u>Mercury</u>	<u>0.010</u>
<u>Molybdenum</u>	<u>0.23</u>
<u>Nickel</u>	<u>1.28</u>
<u>Selenium</u>	<u>0.11</u>
<u>Silver</u>	<u>0.24</u>
<u>Zinc</u>	<u>1.48</u>

- b. No provision of this section shall be construed to provide lesser discharge standards than are presently or may hereafter be imposed and required by the United States Environmental Protection Agency or the Wisconsin Department of Natural Resources.

(Code 1966, § 23.09(2))

Sec. 86-258. - Slugs.

No person shall allow the discharge of slugs of water or wastes to the collection system which may be harmful to the operation of the wastewater works. Where, in the opinion of the [Utility Director](#)~~superintendent~~, slugging does occur, each person producing such a discharge into the collection system shall construct and maintain at his own expense, a storage reservoir of sufficient capacity with flow control equipment to ensure an equalized discharge over a 24-hour period.

(Code 1966, § 23.09(3))

Sec. 86-259. - Capacity in downstream components required.

No person shall connect to and discharge to the collection system, unless there is capacity available in all downstream components of the wastewater works, as determined by the village engineer.

(Code 1966, § 23.09(4))

State Law reference— Discharge standards generally, W.S.A., § 147.035 et seq.

Sec. 86-260. - Accidental discharges; report.

Any person who accidentally discharges wastes or wastewater prohibited under sections 86-256—[through](#) 86-259 into the wastewater works ~~or storm sewer~~ shall immediately report such discharge to the [Utility Director](#)~~superintendent~~.

(Code 1966, § 23.10)

Sec. 86-261. - Pretreatment facilities.

- (a) *Conditions requiring.* The approving authority may require pretreatment facilities of any person discharging or planning to discharge industrial waste, if the waste or wastewater:
- (1) Could cause damage to the collection system.
 - (2) Impair the treatment process.
 - (3) Cause the utility to incur treatment costs exceeding those of domestic wastewater.
 - (4) Have any of the characteristics of the prohibited discharges described in sections 86-256—[through](#) 86-259.
 - (5) Cause the wastewater treatment facilities to exceed the total design loading for volume, [CBOD](#), suspended solids, [phosphorus](#), [TKN](#), or any pollutant.
 - (6) Cause a particular industry to exceed its design allocation for volume, [CBOD](#), suspended solids, [phosphorus](#), [TKN](#), or any other pollutant.
- (b) *Expense of owner.* Construction, operation and maintenance of pretreatment facilities shall be at the expense of the person discharging the industrial waste.

- (c) *Submission of plans.* Plans, specifications and any other pertinent information relating to proposed pretreatment facilities shall be submitted for review of the Utility Director~~superintendent~~ and village engineer prior to the start of construction.
- (d) *Operation by qualified persons.* In accordance with Wis. Adm. Code NR 114, all pretreatment facilities shall be operated by qualified personnel holding a license of the proper class issued by the state department of natural resources.

(Code 1966, § 23.11)

Sec. 86-262. - Sand and grease trap installations.

- (a) Grease, oil and sand interceptors shall be provided at repair garages, gasoline stations, car washes and other industrial or commercial establishments for the proper handling of liquid wastes containing grease in excessive amounts, oil, flammable wastes, sand and other harmful ingredients. All interceptors shall be sized and constructed in accordance with SPS 381, SPS 382, and SPS 384 ~~the state plumbing code~~ and shall be designed and located as to be readily and easily accessible for easy cleaning and inspection. All grease, oil and sand interceptors shall be maintained by the owner, at his expense, in continuous, efficient operation at all times.
- (b) Grease hauling shall be performed by a qualified licensed hauler. The Interceptor Owner shall maintain records including pumping date, condition of interceptor after pumping including repairs needed; name, license #, and phone # of hauler; how much was pumped; where waste was disposed; phone number of waste disposal site; and a copy of original manifest from waste hauler. Documentation must be in a readily accessible location for Village personnel to inspect. Documentation must be retained for a period of no less than 3 years.
- (c) Grease interceptors must be pumped out completely every year. However, given that grease discharges vary greatly, some interceptors may need to be pumped on a more frequent basis and that frequency shall be determined by Village.
- (d) The interceptor owner will be required to submit annual maintenance records to Village by January 31st.
- (e) Village personnel will perform periodic inspections of grease interceptors and will notify the facility of additional required maintenance or repairs. Upon written notification by Village, the facility shall be required to perform the maintenance and submit a remediation report to Village within 21 calendar days. Upon inspection by the Village, the facility may be required to install, at their expense, additional controls to provide a complete system that prevents discharges of undesirable materials into the wastewater collection system.
- (f) Chemical and biological treatments such as drain cleaners, enzymes, bacteria, acid, or any other chemical or biological additives to emulsify or remove grease is strictly prohibited.
- (g) Any grease interceptor owner that exceeds the maximum daily concentration of 100 mg/l grease will be fined up to \$500.00 per offense.
- (h) Any grease interceptor owner, after inspection by Village, that has not made the necessary repairs or remediation, and submitted a remediation report as ordered by Village within 21 calendar days, will be fined no more than \$100.00 per day late.

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- (i) Any grease interceptor owner found using chemical and/or biological additives to emulsify or remove grease will be fined no more than \$100.00 for the 1st offense, \$300.00 for the 2nd offense, \$1,000.00 for the 3rd offense, and \$2,000.00 thereafter per offense.
- (j) Any grease interceptor owner found guilty of falsifying maintenance and manifest records will be fined \$1,000.00 for 1st offense, \$3,000.00 for 2nd offense, and \$5,000.00 for 3rd offense. In addition, further criminal charges and penalties may be applicable.

(Code 1966, § 23.12)

Sec. 86-263. - Wastewater measurement and sampling.

- (a) *Computation of wastewater flow.* The water consumption, as determined from the meter records of the village water utility, shall be the basis for computing the wastewater flows, unless:
- (1) The water is contained in a product or is evaporated or is discharged as unpolluted water or waste to surface drainage. In such cases, an application may be made for a reduction in the volume of wastewater discharged to the collection system, provided supporting data, satisfactory to the Utility Director^{superintendent}, is furnished. This data shall include a flow diagram, destination of water and/or wastewater, supported by submetering data, installed on such process piping, at the expense of the user.
 - (2) The water is condensed from a product, so that the quantity of wastewater is increased over the amount of water being metered. In such cases, the increased flow shall be metered in a manner which is acceptable to the Utility Director^{superintendent} and added to the flow obtained from the water meter readings.
 - (3) The quantity of water used during the third billing quarter at any single-family or duplex dwelling units producing domestic wastewater and having a lawn in connection therewith, shall exceed the quantity of water used during the second billing quarter of the calendar year. In such cases, the meter reading for the second billing quarter shall be used in determining the wastewater flow for such third billing quarter; provided, however, that this section shall not be applied to any premises where the water service was disconnected at any time during the second billing quarter. The second billing quarter shall be defined as the months of April, May and June.
 - (4) When water for sprinkling lawns or filling swimming pools is metered separately, no user charge will be made. All such metering shall be at the user's expense.
 - (5) Any lot, parcel of land, building or premises discharging domestic wastewater or industrial waste into the collection system, which is supplied in whole or in part with water not obtained from the water utility, the owner or occupant of such property shall cause to be installed necessary metering equipment as approved by the Utility Director^{superintendent} to measure the quantity of water pumped or discharged to the collection system. The user charge shall be based on the quantity of water so measured. Whenever the person fails to install such metering equipment, or where it is not practicable to measure the water consumed on any premises by a meter or meters, the Utility Director^{superintendent} shall determine the estimated volume of water discharged into the wastewater works.
- (b) *Metering devices.* The Utility Director^{superintendent} may require the installation of devices for metering the volume of waste discharged if those volumes cannot otherwise be determined from metered water consumption records or if flows from the sewer user are deemed by the Utility Director^{Superintendent to require flow metering devices}~~the user discharges over 10,000 gallons on any day~~. The metering devices shall be owned and maintained by the person and may not be removed without consent of the Utility Director^{superintendent}.
- (c) *Control manholes.* All persons discharging industrial wastes into the wastewater works shall construct and maintain sampling manholes in suitable and accessible locations on public property or easement to facilitate the observation, measurement and sampling of all his wastes or wastewater.

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Sampling manholes shall be located and constructed in a manner approved by the [Utility Director](#)~~superintendent~~. Plans shall be submitted to the [Utility Director](#)~~superintendent~~ prior to construction.

- (d) *Sampling manholes.* In the event the wastewater [Utility Director](#)~~superintendent~~ determines that a commercial property has or is likely to discharge commercial wastes into the wastewater works in amounts or of a quality that would make it beneficial for the wastewater works to have a sampling manhole installed, then the property owner shall construct and maintain sampling manholes in suitable and accessible locations on public property or easement to facilitate the observation, measurement and sampling of all his wastes or wastewater. Sampling manholes shall be located and constructed in a manner approved by the [Utility Director](#)~~superintendent~~. Plans shall be submitted to the [Utility Director](#)~~superintendent~~ prior to construction.

(Code 1966, § 23.13; Ord. No. 738, §§ I, II, 6-15-04)

Sec. 86-264. - Industrial waste analysis.

- (a) The village will collect samples and perform laboratory tests on industrial waste discharges as necessary to verify the quantity of flow and character and concentration of an industrial waste. The utility test results shall be used to determine the applicable surcharge.
- (b) Waste or wastewater discharge may be sampled manually or by the use of mechanical equipment, as necessary, to obtain a representative 24-hour composite sample. Samples shall be taken at intervals to be established by contractual agreement under section 86-278.44 or at such intervals as determined by the [Utility Director](#)~~superintendent~~.
- (c) When Wis. Adm. Code § NR 101 or NR 202 require the submittal of the character, and concentration of wastes, waste volume, and production information to the utility or state department of natural resources (DNR), the user shall have the waste character and concentration determined by an independent testing laboratory. A copy of the test results and DNR reports shall be submitted to the [Utility Director](#)~~superintendent~~.
- (d) All measurements, test analysis of the characteristics of industrial wastes shall be determined in accordance with ~~Standard Methods~~[Chapter NR 219 of the Wisconsin Administrative Code](#).

(Code 1966, § 23.14)

Secs. 86-265—86.275. - Reserved.

DIVISION 7. - WASTEWATER DISCHARGE PERMIT

Sec. 86-276. - Required under certain conditions.

A wastewater discharge permit is required under this division if a person's discharge into the utility wastewater works has any of the following characteristics:

- (1) A ~~C~~BOD greater than ~~300~~~~200~~ mg/l.
- (2) A suspended solids concentration greater than ~~300~~~~250~~ mg/l.
- (3) A TKN concentration greater than ~~45~~~~75~~~~45~~ mg/l.
- (4) A total phosphorus concentration greater than ~~7~~~~12~~ mg/l.
- (35) A volume of 10,000 gallons per day or greater is discharged by any user at one or more points of discharge.
- (46) Any of the characteristics listed under section 86-257.

Any such persons planning to discharge, changing the characteristics of their discharge or whose discharge permit has expired shall make application to the [Utility Director](#)~~superintendent~~ within 60 days prior to the discharge. All persons currently discharging shall make application to the [Utility Director](#)~~superintendent~~ within 60 days after passage of the ordinance from which this section is derived and must have an executed permit within 60 days of application to discharge or discontinue discharging. A discharge permit will be required for each separate point of discharge into the utility wastewater works. No person shall discharge waste or wastewater into the utility wastewater works without a wastewater discharge permit, if required by this section.

(Code 1966, § 23.15(1))

Sec. 86-277. - Application; contents.

Users seeking a wastewater discharge permit shall complete and file with the [Utility Director](#)~~superintendent~~ an application on the form prescribed by the [Utility Director](#)~~superintendent~~. In support of this application, the user shall submit the following information:

- (1) Name, address and standard industrial classification number of the applicant.
- (2) Average daily volume of wastewater to be discharged.
- (3) Wastewater constituents and characteristics as determined by a method approved by the [Utility Director](#)~~superintendent~~.
- (4) Time and duration of discharge.
- (5) Average and peak wastewater flow rates, including daily, monthly and seasonal variations, if any.
- (6) Site plans, floor plans, mechanical and plumbing plans and details to show all sewers and appurtenances by size, location and elevation.
- (7) Description of activities, facilities and plant processes on the premises including all materials and types of materials which are, or could be, discharged.
- (8) Each product produced by type, amount and rate of production.
- (9) Number and type of employees, and hours of work.
- (10) Any other information as may be deemed by the [Utility Director](#)~~superintendent~~ to be necessary to evaluate the permit application.

The [Utility Director](#)~~superintendent~~ will evaluate the data furnished by the user and may require additional information. After evaluation and acceptance of the data furnished, the [Utility Director](#)~~superintendent~~ may issue a wastewater discharge permit, subject to terms and conditions provided in this division.

(Code 1966, § 23.15(2))

Sec. 86-278. - Conditions.

Wastewater discharge permits shall be expressly subject to all provisions of this article and all other regulations, user charges and fees established by the approving authority. The conditions of wastewater discharge permits shall be uniformly enforced by the [Utility Director](#)~~superintendent~~ in accordance with this article, and applicable state and federal regulations. Permit conditions will include the following:

- (1) The residential equivalency charge, sewer use charge and schedule for surcharge fees for the wastewater to be discharged to the wastewater works.
- (2) The average and maximum wastewater constituents and characteristics.
- (3) Limits on rate and time of discharge or requirements for flow regulations and equalization.

(4) Local limits if applicable to permittee.

(45) Requirements for installation of control manholes, monitoring station metering and sampling facilities, station maintenance and repairs; and reporting.

(56) Pretreatment requirements.

(67) Requirements for maintaining plant records relating to wastewater discharges as specified by the Utility Director~~superintendent~~, and affording the village access thereto.

(78) Average and maximum pollutant concentrations and total daily average and maximum pollutant discharges for all pollutants, subject to limitations and prohibitions which are present in the user's wastewater discharge permit, shall, before issuance of the permit, enter into a contractual agreement with the utility. The contractual agreement shall contain the conditions set forth in the discharge permit, and other items deemed necessary by the approving authority.

(89) All persons required to make application for a wastewater discharge permit shall, before issuance of the permit, enter into a contractual agreement with the utility. The contractual agreement shall contain the conditions set forth in the discharge permit and other items deemed necessary by the approving authority.

(910) Other conditions as deemed appropriate by the Utility Directors~~superintendent~~ to ensure compliance with this article.

(Code 1966, § 23.15(3))

Sec. 86-279. - Duration.

A permit shall be issued for one year and shall be automatically renewed on a year-to-year basis thereafter, unless the person is notified by the Utility Director~~superintendent~~ within 60 days prior to the expiration of the permit or any renewal thereof. After such notification by the Utility Director~~superintendent~~, the permit shall expire on the end of that year. The terms and conditions of the permit shall be subject to modification and change by the Utility Director~~superintendent~~ during the life of the permit, if so required because of any ordinances, statutes, or rules and regulations of the approving authority or any applicable state or federal body. The person shall be informed of any proposed changes in his permit at least 60 days prior to the effective date of change. Any changes or new conditions in the permit shall include a reasonable time schedule for compliance.

(Code 1966, § 23.15(4))

Sec. 86-280. - Transfer.

Wastewater discharge permits are issued to a specific user for a specific operation. A wastewater discharge permit shall not be reassigned or transferred or sold to a new owner, new user, different premises, or a new or changed operation.

(Code 1966, § 23.15(5))

Sec. 86-281. - Revocation.

Any user who violates any of the conditions of his permit contractual agreement or this article, or of applicable state and federal regulations, is subject to having his permit revoked.

(Code 1966, § 23. 15(6))

Sec. 86-282. - Disposal of holding tank wastewater and septic tank waste.

- (a) Permit. No person in the business of gathering and disposing of holding tank wastewater and septic tank waste shall transfer such material into any ~~disposal area~~ portion of the wastewater facilities unless a permit for disposal has first been obtained from the ~~v~~Village ~~u~~Utility ~~d~~Director or his/her ~~designated~~^{ee} approving authority. An annual permit shall be required for disposal of holding tank wastewater. An annual permit shall be required for disposal of septic tank waste. Written application for such permit shall be made to the Village (annually before September 1st) in the year prior to disposal. The Village will make a determination by October 1st. The application shall state the name and address of the applicant, the number of its disposal units and the make, model and license number of each unit. Permits shall be nontransferable, except in the case of replacement of the disposal unit for which a permit shall have been originally issued. ~~A~~ permit may be obtained on an annual basis upon payment of a fee as specified in the most current ~~v~~Village ~~b~~Board resolution. ~~The time and place of disposal will be designated by the village utility director or his/her designee.~~ The ~~v~~Village ~~u~~Utility ~~d~~Director or his/her ~~designated~~^{ee} approving authority may impose additional conditions as is deemed necessary on any permit granted. The Village may require sampling and testing of waste at the waste hauler's expense. These discharges to the wastewater facilities shall be invoiced to the waste hauler by the Village at the approved rates. An annual permit fee will be charged to each waste hauler. The permit fee must be paid prior to hauling to the WWTF. The amount of the permit fee shall be in accordance with the current Sewer Rate Study.
- (b) Waste Hauler Licensing. Only waste haulers licensed by the State of Wisconsin Department of Natural Resources will be permitted to dispose of waste. All permitted waste haulers shall conform with the rules and regulations regarding business licensure and operator certification stated in Chapters NR 113 and NR 114 of the Wisconsin Administrative Code.
- (bc) Definition Allowable Waste. "Holding tank wastewater and septic tank waste" ~~are~~^{is} limited solely to the contents of domestic wastewater holding tanks and septic tanks.
- (d) Charges. Charges for disposal shall be as determined by the Village. Bills shall be mailed on a monthly basis and payment payable within thirty (30) days thereof. The charges shall be in accordance with ~~B~~the current Sewer Rate Study.
- (ee) Insurance; indemnification of ~~city~~Village. Any person or party disposing of hauled holding tank wastewater and septic tank waste shall ~~agree to~~ carry public liability insurance in an amount not less than one million dollars (\$1,000,000)~~\$100,000-00~~ per occurrence and two million dollars (\$2,000,000) in the aggregate to protect any and all persons or property from injury and/or damage caused in any way or manner by an act or the failure to act by any of his employees. The person shall furnish a certificate in form acceptable to the Village, certifying such insurance ~~will~~^{to} be in full force and effect. Any person disposing of such waste shall agree to indemnify and hold harmless the ~~city~~Village from any and all liability, ~~and~~ claims, ~~for~~ damages or costs arising out of or resulting from such disposal~~work and labor performed~~.
- (f) Disposal Limited to Wastewater Treatment System. All disposal shall be performed at the receiving station provided at the wastewater treatment plant site. No discharge will be allowed at remote manholes in the wastewater collection system.
- (dg) Restrictions on materials discharged to treatment system. All materials disposed of into the treatment system shall be of domestic origin or compatible pollutants only, and such person shall agree that he/she will comply with the provisions of any and all applicable ordinances of the village and shall not

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deposit or drain any septage, gasoline, oil, acid, alkali, grease, rags, waste, volatile or inflammable liquids or other deleterious substances into the receiving station~~any manhole~~ or allow any earth, sand or other solid material to pass into the receiving station~~any part of the wastewater collection and treatment facilities~~.

(eh) Acceptance of holding tank wastewater and septic tank waste. Acceptance of holding tank wastewater and septic tank waste under this article shall be subject to:

- (1) Discharge of the material at the receiving station~~designated discharge point in the wastewater treatment plant~~ during normal business hours.
- (2) Existing treatment capacity. If treatment capacity is unavailable, receiving station capacity~~sludge storage~~ is unavailable, WWTF has —or— operational treatment problems or maintenance problems, or the threat of WPDES permit violation that is indirectly or directly related to hauled waste disposal prevent handling of hauled wastewater, the Village ~~Utility~~ Director or his/—or—her designated~~ee~~ approving authority may refuse acceptance of such waste.

(i) Failure to Comply with Ordinance. Failure of the permittee, his ~~agents~~agents, or employees, to comply with this Ordinance shall be cause for suspension or revocation of the discharge permit, forfeiture of access card, and penalties as set forth in Sec. 86-170.

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(j) Failure to pay hauled waste billings under this article. The Village WWTF staff will maintain a seniority listing of haulers discharging to the treatment facility. The Village has established the following methodology ~~seniority system~~ for receiving septage and holding tank wastes at the WWTF from haulers who have failed to pay invoices:

Tier 1 Waste Hauler — include haulers who fail to pay invoices within thirty (30) days of issuance. Haulers will be suspended from hauling waste to WWTF for one (1) month.

Tier 2 Waste Hauler — include haulers who fail to pay invoices a second time. Hauler will be suspended from hauling waste to the WWTF for two (2) months, and months and will lose all seniority. have lower seniority for discharge of waste than the totally conforming hauler and Tier 1 waste haulers.

Tier 3 Waste Hauler — include haulers who fail to pay invoices a third time. Hauler will be banned from hauling waste to the WWTF indefinitely.

(k) Refusal of Hauled Waste. If the WWTF has to cut back on hauled waste received, the lowest seniority haulers (haulers with shortest time discharging to WWTF) will be the first haulers banned from discharging waste to the WWTF. If a further cut back in hauled waste is still necessary, the next lowest seniority haulers will be banned from discharging.

(l) —Accepting Aadditional Hauled Waste. If the WWTF can increase the daily volume of hauled waste, —the WWTF will have discretion to accept a Tier 2 Hauler or an entirely new hauler.

(Ord. No. 844, § II, 5-17-11)

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Secs. 86-283—86-286. - Reserved.



Agenda Cover Report

Date: 1/26/22	Committee/Board: Public Works
Submitted by: Ron Bittner, John Fellows	Department: Public Works/Planning
Date of Committee Action: 2/2/22	Date of Village Board Action: 2/16/22

Subject:

Purchase and placement of temporary pedestrian bump outs on Rochester St.

Executive Summary:

The 2018 Downtown Plan has multiple recommendations. One of the main recommendations is to address the design of Rochester Street to make modifications that enhances pedestrian safety at crosswalk locations. Providing better pedestrian facilities in a downtown area can stimulate pedestrian traffic to shops and restaurants. The two primary ways that crosswalks are enhanced for safety is through the addition of bump-outs and signalization lighting. The Village in both downtown and other locations have added pedestrian signalization at specific crosswalks. These devices have provided additional awareness of crosswalks, however, there continues to be some safety concerns along Rochester Street, specifically the use of the parking lanes for passing at crosswalks.

Village staff would like to conduct an internal study on the feasibility of pedestrian bump outs. The idea was a suggestion from the firm that provided the downtown streetscape concept design in 2020. Installation of rubber curbs and delineators at proposed locations would allow staff, the state DOT to observe the conditions and also allow the public to visualize the changes prior to a final plan and/or project.

The bump outs would be placed on the east and west side of N. Rochester St. at Lake St. and mid-block in front of 215 N. Rochester. The state is reviewing the final permit application and has provided comments about the third proposed location Atkinson Street. Public service announcements would be posted on the message centers, Facebook pages, websites and on WFAQ-LP FM.

Fiscal Impact:

Materials will cost \$7,963.88 plus 24 Hours of DPW staff time.
Funding will come from Capital Improvement Fund 480.

Executive Recommendation/Action:

We are requesting a recommendation of approval to install temporary bump outs on Rochester St. at Lake St. and mid-block in front of 215 N. Rochester Street.

☒ **Attachments Included**

Ron Bittner

From: Koehnke, Kevin F - DOT <Kevin.Koehnke@dot.wi.gov>
Sent: Friday, December 10, 2021 9:17 AM
To: Michalski, Michael; Baumann, Art - DOT
Cc: Ron Bittner; John Fellows; Elkin, Robert - DOT
Subject: RE: Rochester Street Temporary Pedestrian Bump-outs - Mukwonago Village

Michael,

As we continue to review and discuss internally, we can offer a couple comments at this time:

1. WisDOT will not allow these temporary curb treatments to be installed until after winter (April 1) at the direction of our maintenance section. This is consistent with the Village's permit application which indicates an April 4, 2022 start date for installation.
2. The NB bumpout at Atkinson St. will not be allowed due to operational concerns with the turn lane queuing at this location if installed. That being said, it may not make sense to install the SB treatment at this location either.

Kevin Koehnke, PE

Permits Coordinator
141 NW Barstow Street
Waukesha WI 53187
kevin.koehnke@dot.wi.gov
262-548-5891



From: Michalski, Michael <mmichalski@ruekert-mielke.com>
Sent: Wednesday, October 20, 2021 1:15 PM
To: Koehnke, Kevin F - DOT <Kevin.Koehnke@dot.wi.gov>; Baumann, Art - DOT <Art.Baumann@dot.wi.gov>
Cc: Ron Bittner <rbittner@villageofmukwonago.com>; John Fellows <jfellows@villageofmukwonago.com>
Subject: Rochester Street Temporary Pedestrian Bump-outs - Mukwonago Village

**CAUTION: This email originated from outside the organization.
Do not click links or open attachments unless you recognize the sender and know the content is safe.**

Hi Kevin and Art,

Enclosed please find the Permit to Work on Highway Right-of-way Application and associated plan drawings for the above-referenced project. The project involves installing three (3) temporary engineered rubber curb pedestrian bump-outs along North Rochester Street between Eagle Lake Avenue and Meacham Street. The Village of Mukwonago will study the flow of traffic and pedestrian movement within these areas as they plan and prepare design for permanent pedestrian and streetscaping improvements within the downtown corridor.



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Email: Sales@RubberForm.com

RUBBERFORM QUOTE

Date	Quote #
08/03/21	RRPQ30305

Sold To:	Ship To:
Ruekert & Mielke, Inc. Michael Michalski W233N2080 Ridgeview Pkwy Waukesha, WI 53188-1019 United States Phone: (262) 953-3004 Fax: (262) 542-5631	Ruekert & Mielke, Inc. Michael Michalski W233N2080 Ridgeview Pkwy Waukesha, WI 53188-1019 United States Phone: (262) 953-3004 Fax: (262) 542-5631

P.O. Number	Terms	Rep	Ship Via	ID/Status	Level	FOB
TBD	TBD	Jake Robbins	R&L Carriers	VAR-Value	Silver	Lockport, NY

Qty	Part #	Description	Wt	List Price	Unit Price	Ext. Price
64	RF-ERC36YLW-P	Engineered Rubber Curbing - 5" high x 6" wide x 36" long - w/ yellow stripes and post hole	1,728	\$116.26	\$77.51	\$4,960.64
64	RF-ERCYLWP	Hardware - ERC - 3" Round Delineator Post Yellow 36" high w/connector, with 3" wide reflective stripe and hardware for Engineered Rubber Curb	192	\$39.59	\$28.28	\$1,809.92
64	RF-ERC36HWK	Hardware Kit - Engineered Rubber Curb (Flex Kurb): 1/2" x 8" lag bolts (3), washer 1/2" x 1" (3), 3" lag shields, (3), black rubber caps (3), dual connector (dog bone) (1)	320	\$14.97	\$12.56	\$803.84
Estimated 2-Day Transit Time- Includes Limited Access and Liftgate Service						
1	RF-ASC	Prepaid Shipping & Handling to Customer		\$0.00	\$389.48	\$389.48

SubTotal \$7,963.88

Total Weight: 2,240 **Sales Tax** \$0.00

Total **\$7,963.88**

Thank you for the opportunity to quote you on our American made recycled products, made with American sourced recycled materials, and manufactured by American workers. RubberForm is one of the only U.S. Manufacturer of these types of recycled and composite products.

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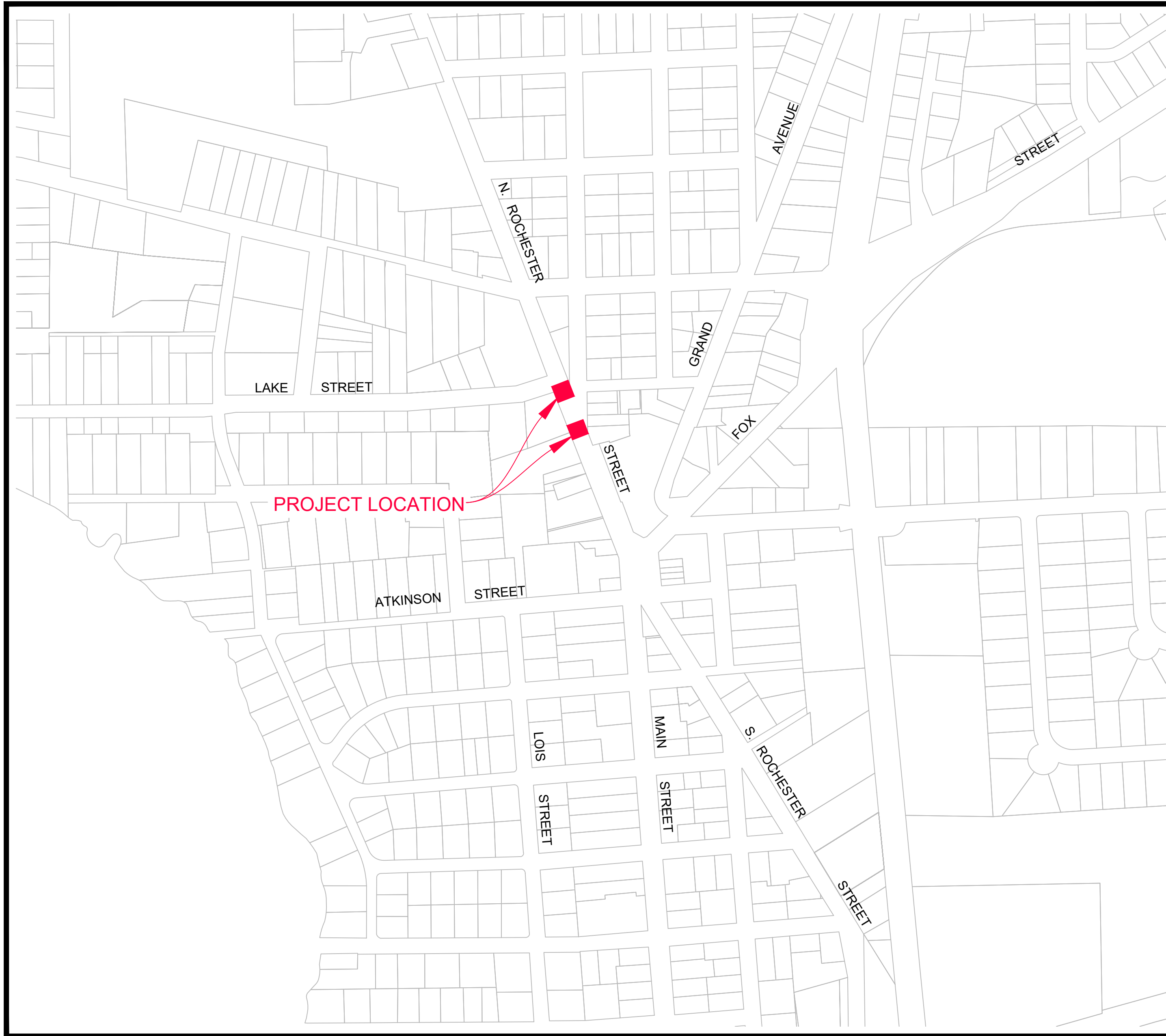


where the rubber meets the road one more time™

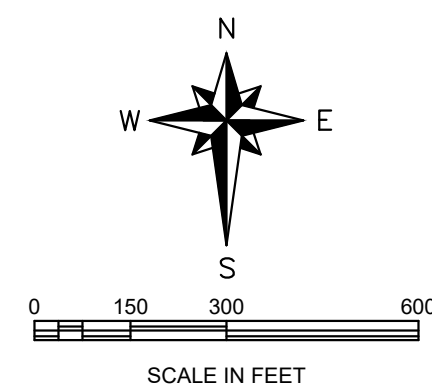


ROCHESTER STREET TEMPORARY PEDESTRIAN BUMP-OUTS

VILLAGE OF MUKWONAGO
WAUKESHA/ WALWORTH COUNTIES, WISCONSIN



ORIGINAL PLAN SET
IS IN COLOR



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SHEET INDEX		
SHEET NO.	LOCATION	DESCRIPTION
ID-01	IN: NORTH ROCHESTER STREET PROPOSED TEMPORARY PEDESTRIAN BUMP-OUT	FROM: LAKE STREET TO: 230' SOUTHEAST OF LAKE STREET
DT-01		CONSTRUCTION DETAILS

LEGEND – CIVIL ENGINEERING DRAWINGS

[illegible]

CHECKED BY: _____

 **Ruekert • Mielke**

Waukesha • Kenosha • Madison

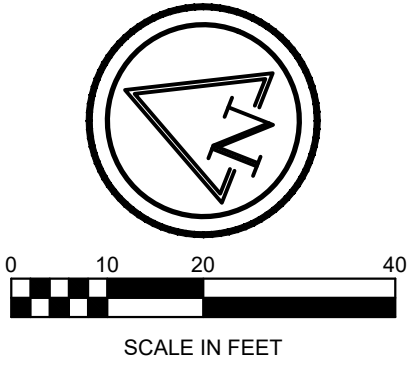
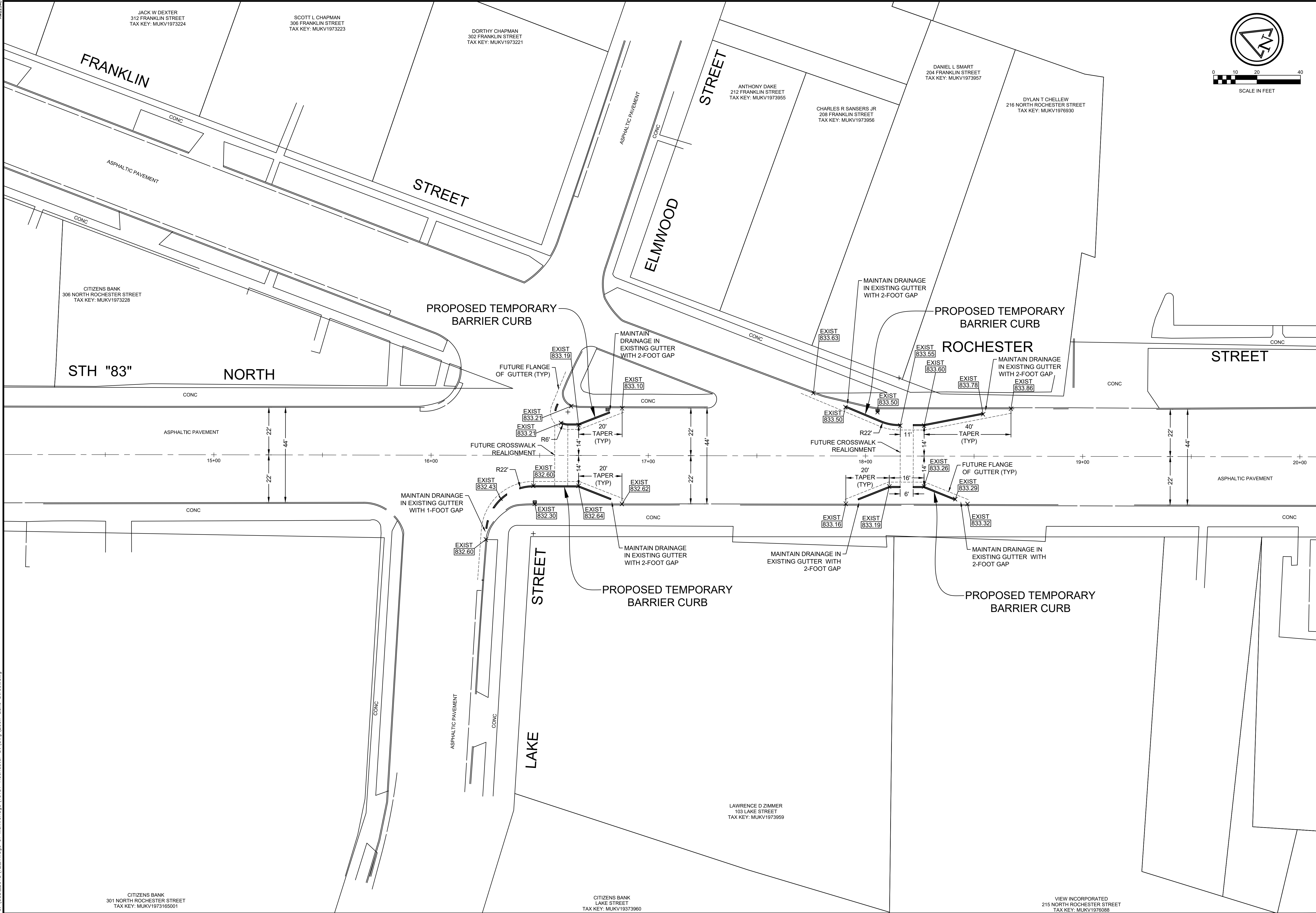
Global Water Center • Fox Valley

www.ruekertmielke.com

PROJECT NUMBER:12-10157.200

Jan 06, 2022 1:21pm PLOTTED BY: AEbright SAVED BY: MMchalski
IMAGES: 20210701 STH83 & Fox St 6609; RM SQUARE_Full Color-Print;
REFS: rm2345; RM000-BRANCH OFFICES; Pmbarspo-6609; WUKESHA NAD83; Albarspo-6609; Tax Keys: Pbarspo-6609
S:\CD\2019\12_Village of Mukwonago\10157_Rochester St Vg V Cox Lake Street.dwg

RM2345



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Ruekert • Mielke		Waukesha • Kenosha • Madison Global Water Center • Fox Valley www.ruekertmielke.com	
ROCHESTER STREET TEMPORARY PEDESTRIAN BUMP-OUTS PROPOSED TEMPORARY PEDESTRIAN BUMP-OUT IN: NORTH ROCHESTER STREET FROM: LAKE STREET TO: 230' SOUTHEAST OF LAKE STREET VILLAGE OF MUKWONAGO WAUKESHA / WALWORTH COUNTIES, WISCONSIN			
© COPYRIGHT 2022 RUEKERT & MIELKE INC.			
DESIGNED BY: MEM			
DRAFTED BY: APE			
CHECKED BY: JJW			
DATE: JANUARY 2022			
FILE NO. 12-10157.200			
SHEET NO. ID-01			

www.ruekertmielke.com



The RubberForm Engineered Rubber Curb is a rugged, temporary or permanent curb material manufactured from heavy-duty recycled rubber. Easily installed, it may be field-formed down to a 5" radius or pre-formed down to a 1" radius. No excavation is required, and it can repeatedly withstand class 8 truck impacts. RubberForm Engineered Curb is designed out of 100% heavy-duty recycled rubber for performance that outlasts concrete curbing with hard-wearing durability and low maintenance.

The Engineered Rubber Curb is a completely customer-designed rubber curbing that can be made into pre-formed traffic circles, islands, center medians and other traffic calming shapes formed to your specification. It is ideal for concrete curb replacement, curb extensions or permanent sidewalks.

Features:

- 100% high-quality recycled rubber
- Includes 3 molded holes for easy installation with lag bolts or rebar spike mooring
- Extremely durable: tough enough for heavy traffic impacts
- Resistant to temperature variations, UV light, oils /fuels, salts, moisture and damage-without tearing, chipping, cracking or crumbling
- Economical and easy to maintain
- Flexible: conforms to road curvature and any asphalt or concrete surface
- Easy to install, remove and relocate - for temporary or permanent use
- Patented
- Made in the U.S.A.



100% Recycled Material



UV Resistant

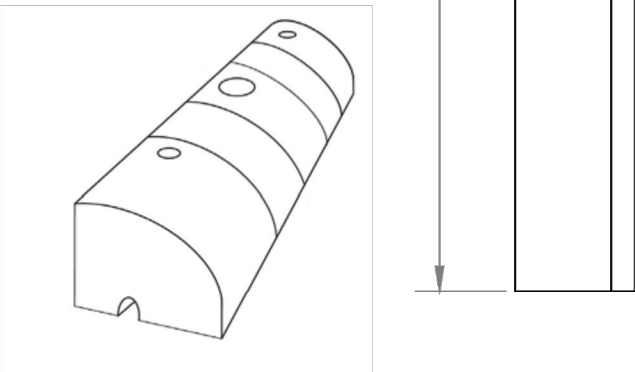
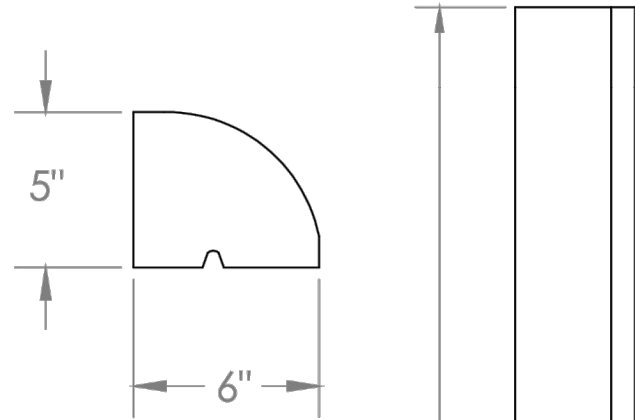
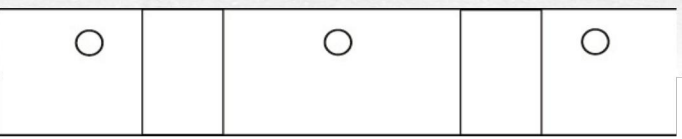


Made in the USA



LEED Certified

 **RUBBERFORM**
RECYCLED PRODUCTS, LLC
Tel 716-478-0404 // Fax 716-478-0408 // sales@rubberform.com
RubberForm.com // 75 Michigan St. Lockport, NY 14094



Specifications:

- 32 lbs per curb
- 6"H x 6"W x 36"L
- 3 mounting holes per curb

Models:

- RF-ERC36**
- Engineered Rubber Curb plain black

RF-ERC36S

- Engineered Rubber Curb with yellow or white safety paint

Hardware:

RF-ERCLB

- 3 Lag bolts
- 3 Anchors
- 3 Washers
- Adhesive

 **RUBBERFORM**
RECYCLED PRODUCTS, LLC
Tel 716-478-0404 // Fax 716-478-0408 // sales@rubberform.com
RubberForm.com // 75 Michigan St. Lockport, NY 14094

ROCHESTER STREET TEMPORARY PEDESTRIAN BUMP-OUTS

CONSTRUCTION DETAILS

VILLAGE OF MUKWONAGO
WAUKESHA/ WALWORTH COUNTIES, WISCONSIN

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RUEKERT & MIELKE INC.

DESIGNED BY: MEM

DRAFTED BY: APE

CHECKED BY: JJW

DATE: JANUARY 2022

FILE NO.
12-10157.200

SHEET NO.
DT-01

 **Ruekert • Mielke**

Waukesha • Kenosha • Madison

Global Water Center • Fox Valley

www.ruekertmielke.com

7
6
5
4
3
2
1
A
RUEKERT & MIELKE INC.

TOWN: 5N
RANGE: 18E
SECTION(S): 36 NW



Agenda Item Cover Report

Date: 1/26/2022	Committee/Board: Public Works Committee
Submitted by: Wayne Castle	Department: Sewer Utility
Date of Committee Action: 2/2/2022	Date of Village Board Action: 2/16/2022

Subject:
Atkinson LS Easement purchase at 210 Shore Drive

Executive Summary:
This was the negotiated easement for the new check valve building for Atkinson LS upgrade which is currently out to bid and scheduled for 2022. This is for a temporary construction easement and a permanent easement for the new 8' X 10' check valve building.

Fiscal Impact:
\$8,250

Executive Recommendation/Action:
COW is asked to approve and make recommendation to the Village Board for approval of the purchase and payment for the Sewer Utility Easement at 210 Shore Drive for the sum of \$8,250.

☒ **Attachments Included**

EXHIBIT "A"

SHEET 1 OF 1

PROPOSED AREA FOR PERMANENT EASEMENT ACROSS LOT 8, BLOCK 8, MUKWONAGO SHORE SUBDIVISION

Being part of Lot 8, Block 8, Mukwonago Shore Subdivision, located in the SE 1/4 and the SW 1/4 of Section 26, Township 5 North, Range 18 East, Village of Mukwonago, Waukesha County, Wisconsin.

Description:

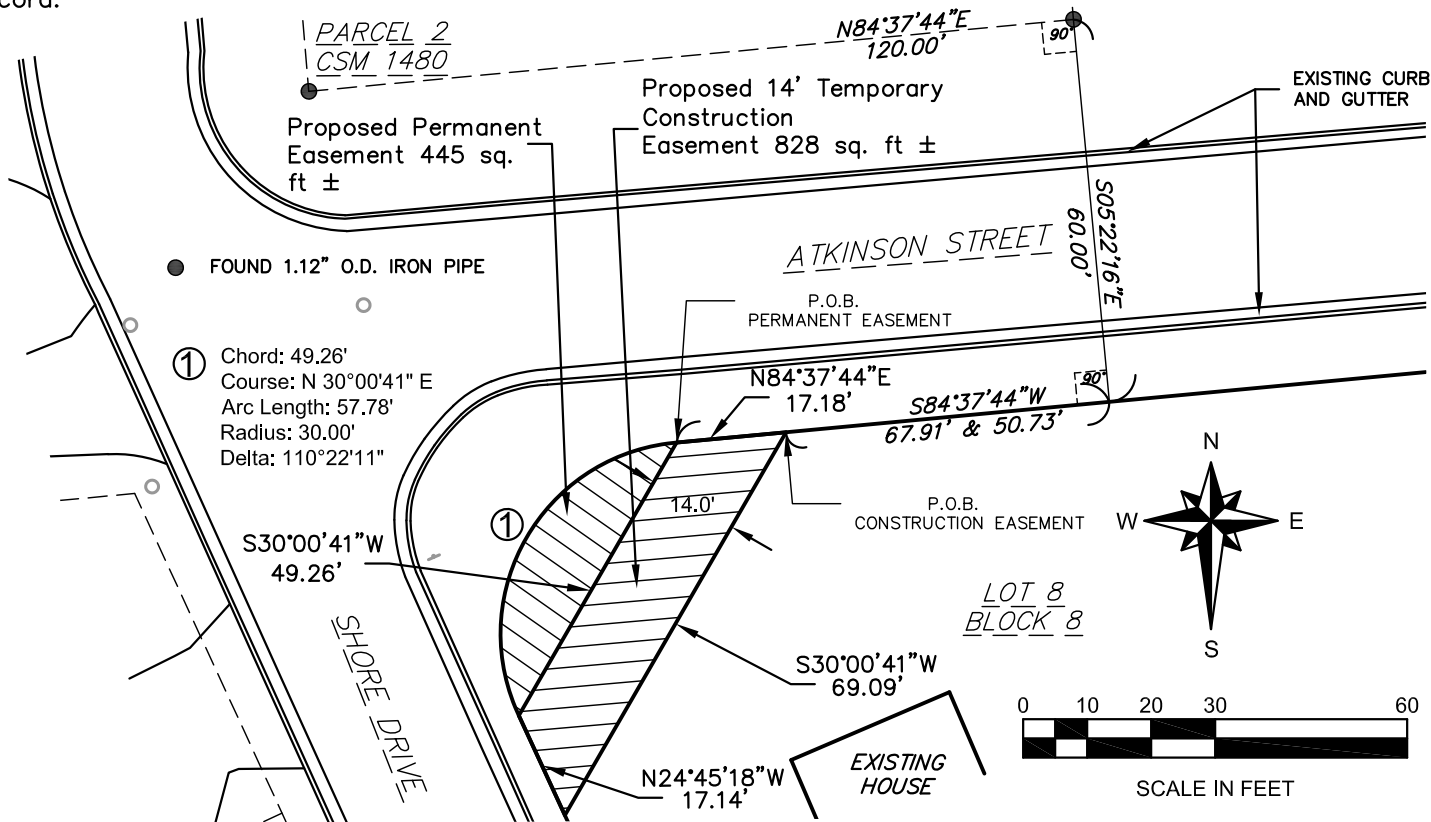
Being part of Lot 8, Block 8, Mukwonago Shores Subdivision. located in the SE 1/4 and the SW 1/4 of Section 26, Township 5 North, Range 18 East, Village of Mukwonago, Waukesha County, Wisconsin, bounded and described as follows:

PERMANENT EASEMENT:

Commencing at the Southeasterly corner of Parcel 2 of CSM 1480; thence S05°22'16"E, a distance of 60.00 feet to the Southerly Right-of-Way (ROW) line of Atkinson Street; thence S84°37'44"W along said line, a distance of 67.91 feet to the POINT OF BEGINNING (POB); thence S30°01'41"W, a distance of 49.26 feet to the Easterly ROW line of Shore Drive; thence 57.78 feet along the arc of a curve to the right; whose radius is 30.00 feet; and whose chord bears N30°01'41"E, 49.26 feet to the POINT OF BEGINNING, containing 445 square feet more or less of land. Subject to, but not limited to, covenants, conditions, restrictions and easements of record.

TEMPORARY CONSTRUCTION EASEMENT:

Commencing at the Southeasterly corner of Parcel 2 of CSM 1480; thence S05°22'16"E, a distance of 60.00 feet to the Southerly ROW line of Atkinson Street; thence S84°37'44"W along said line, a distance of 50.73 feet to the POINT OF BEGINNING (POB); thence S30°00'41"W, a distance of 69.09 feet to the Easterly ROW line of Shore Drive; thence N24°45'18"W, a distance of 17.14 feet; thence N30°00'41"E, a distance of 49.26 feet to the Southerly ROW line of Atkinson Street; thence N84°37'44"E, a distance of 17.18 feet to the POINT OF BEGINNING, containing 828 square feet more or less of land. Subject to, but not limited to, covenants, conditions, restrictions and easements of record.



 **Ruekert • Mielke**
www.ruekertmielke.com

PREPARED FOR:
Village of Mukwonago
440 River Crest Ct.
Mukwonago, WI 53149

PREPARED BY:
Ruekert & Mielke, Inc.
W233 N2080 Ridgeway Pkwy.
Waukesha, WI 53188



PLANNING COMMISSION

February 8, 2022 at 6:30pm
Mukwonago, WI

SITE PLAN AND ARCHITECTURAL REVIEW AND CONDITIONAL USE PERMIT

1248 Riverton
Parcel Number: MUKV 1965-040-001

Case Summary

Parcel Data

Proposal:	Solar Panels
Applicant:	ALEXANDRIA LESCHER
Request:	Site Plan and Architectural Review
Staff Recommendation:	Approve with Conditions

Parcel Characteristics / Conditions

Acreage:	0.3705 acres
Current Use:	Single Family
Proposed Use:	Single Family
Reason for Request:	Solar Panels visible from public right of way
Land Use Classification:	Historic Residential – 12,000 Sq. Ft.
Zoning Classification:	R-2 Single Family Village Residential District
Census Tract:	2039.02

Site Plan and Architectural Review Request

Architectural/ Site Review

Site Modifications	The applicant is proposing to add solar panels onto their existing single-family home. <u>The municipal code requires planning commission approval prior to issuance of a building permit. The code also requires solar panels to be screen from street view. Section 100-102 (2) c.</u>
---------------------------	--

Utilities	No modifications at this time.
Stormwater Management	No modifications at this time.
Wetlands	None
Signage	No modifications at this time.
Parking	No modifications at this time.
Landscaping	No modifications at this time.
Trash Enclosure	No modifications at this time.
Fencing	No modifications at this time.
Outdoor Lighting	No modifications at this time.
Misc. Performance Standards	None

Staff Review

Engineering	No concerns at this time
Public Works	No concerns at this time
Utilities	No concerns at this time
Police	No concerns at this time
Fire	No concerns at this time
Building Inspection	No concerns at this time
Planning	No concerns at this time

Recommendation

Site Plan and Architectural Review

Staff recommends the Planning Commission Approve a resolution for the Site Plan and Architectural Review, as set forth in the attached resolution.

1. Prior to any land disturbing activity, the applicant must submit a complete and final set of plans to the Building Inspections Office. All Village department heads must verify in writing whether they have approved the final plans within their purview. Any outstanding matters must be resolved to staff's satisfaction.
2. Prior to any land-disturbing activity, the applicant must reimburse the Village for any outstanding charges and establish an escrow account with the Village as may be required.
3. The applicant must obtain all required building permits within nine months of this date, and start construction within six months of the date of building permit issuance and continue in good faith to completion.
4. All work related to this project must comply with all project plans approved by the Village.
5. The developer must comply with all requirements related to impact fees imposed by the Village.
6. The developer shall comply with all parts of the Municipal Code as it relates to this project.
7. If the approved plans need to be revised to address any of the conditions of approval or to conform to Building and Fire Safety Codes, the Zoning Administrator and the Supervisor of Inspections are authorized to approve minor modifications so long as the overall project elements remain unchanged. If they determine that the revision is substantial, the plans must be submitted to the Plan Commission for review and approval.
8. Any future modification as required by ordinance, standards, or policy shall require an update to this site plan and architectural review.

Attachments

- | | | |
|---------|----------|---------------|
| 1. Maps | 2. Plans | 3. Resolution |
|---------|----------|---------------|



Village of Mukwonago GIS

Aerial

DISCLAIMER: The Village of Mukwonago does not guarantee the accuracy of the material contained here in and is not responsible for any misuse or misrepresentation of this information or its derivatives.



SCALE: 1" = 100'

VILLAGE OF MUKWONAGO

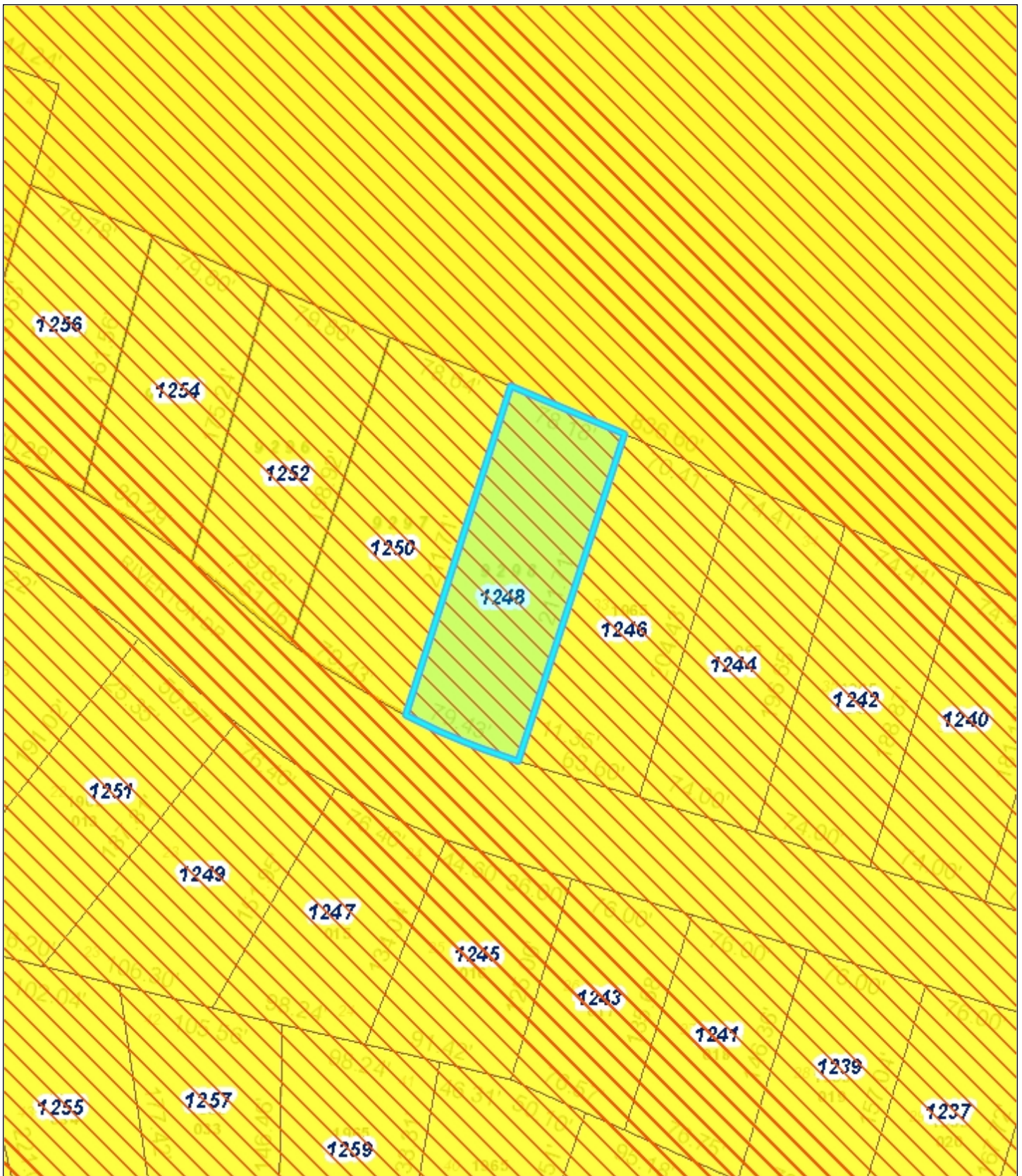
440 River Crest Court

PO Box 206

Mukwonago, WI 53149

262-363-6420

Print Date: 1/18/2022



Village of Mukwonago GIS Zoning

DISCLAIMER: The Village of Mukwonago does not guarantee the accuracy of the material contained here in and is not responsible for any misuse or misrepresentation of this information or its derivatives.



SCALE: 1" = 83 '

VILLAGE OF MUKWONAGO
440 River Crest Court
PO Box 206
Mukwonago, WI 53149
262-363-6420

Print Date: 1/18/2022

December 29, 2021

Everlight Solar
PO Box 930550
Verona, WI 53593

RE: Engineering Services
Lescher Residence
1248 Riverton Dr, Mukwonago, WI
4.93 kW System
Solo Job #1755778

To Whom It May Concern,

We have reviewed the following information regarding the solar panel installation for this project. Alterations to these documents or plans shall not be made without direct written consent of the Engineer of Record.

A. Assumptions from Field Observation provided by Everlight Solar

The following structural design regarding the proposed alterations have been prepared from these assumptions. The verification of the field observations is the responsibility of the contractor. **Prior to commencement of work, the contractor shall verify the framing sizes, spacings, and spans noted in the sealed plans, calculations, and/or certification letter and notify the Engineer of Record of any discrepancies.**

	<u>Roof</u>
Roof Finish :	Asphalt Shingle
Roof Underlayment :	Plywood
Roof Profile :	Gable
Roof Structural System :	Metal Plate Trusses
Truss Top Chord/Setup :	2 x 4 / Fink
Chord/Rafter Wood Grade :	Doug-Fir #2 or better
Truss/Rafter Spacing :	24" o.c.
Roof Slope :	25 deg
Max Top Chord/Rafter Span :	6.06 ft
Bearing Wall Type :	Convl Lt-Frame Constr
Foundation :	Permanent Concrete
Stories :	Two

B. Building Design Criteria

Code : Wisc. UDC (ASCE 7-10)
Roof Live Load : 20 psf (0 psf at panels)
Min. Roof Snow Load : 30 psf
Ult Wind Speed : 115 mph
Exposure Category : C

Ground Snow Load : 30 psf
Risk Category : II
Occupancy Class : R-3
Roof Dead Load : 6.3 psf
PV Dead Load : 3 psf
Total Dead Load : 9.3 psf

C. Summary of Existing Structure Results

Roof

After review of the field observations and based on our calculations and in accordance with the applicable building codes and current industry standards, the existing roof structure supporting the proposed alterations consisting of the solar array has been determined to be:

- Adequate to support the additional imposed loads. **No structural upgrades are required.**

D. Solar Panel Support Bracket Anchorage

1. Solar panels shall be designed, mounted, and installed in accordance with the most recent "Quickbolt Manual", which can be found on the Quickbolt website (<http://quickbolt.com>).
2. Manufacturer's Panel Bracket Connection to Roof Chord/Rafter Member:

Fastener : (1) 5/16" Lag Screw per Bracket
NDS Withdrawl Value : 266 lbs/inch
Min. Thread Length and Penetration Depth : 2.5"

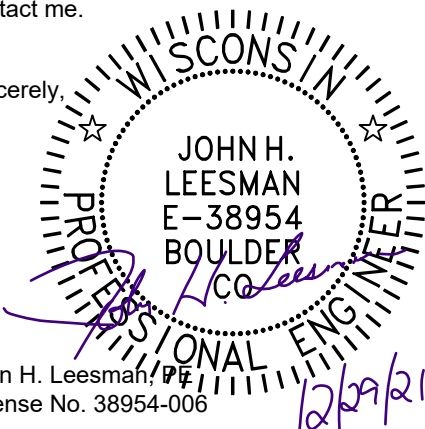
3. Considering the existing roof's slope, size, spacing, condition, and calculated loads, the panel bracket supports shall be placed no greater than 48 in. o/c.
4. Panel supports connections shall be staggered to distribute load to adjacent trusses.

E. Overall Summary

Based on the information supplied to us at the time of this report, on the evaluation of the existing structure, and solar array panel bracket connection, it is our opinion that the roof system will adequately support the additional loads imposed by the solar array. This evaluation conforms to Wisc. UDC and current industry standards.

Should you have any questions regarding this letter or if you require further information, do not hesitate to contact me.

Sincerely,



John H. Leesman, P.E.
License No. 38954-006

Limits of Scope of Work and Liability

The existing structure is assumed to have been designed and constructed following appropriate codes at the time of erection and assumed to have appropriated permits. The calculations performed are only for the roof framing supporting the solar array installation referenced in the stamped plans and were completed according to generally recognized structural analysis standards and procedures, professional engineering, and design experience opinions and judgements. Existing deficiencies which are unknown or were not observed during the time the site observation are not included in this scope of work. All solar panel modules, racking, and mounting equipment shall be designed and installed per the manufacturer's approved installation specifications. The Engineer of Record and the engineering consulting firm assume no responsibility for misuse or improper installation. This analysis is not stamped for water leakage. Framing was determined on information in provided plans and/or photos, along with engineering judgement. Prior to commencement of work, the contractor shall verify the framing sizes, spacings, and spans noted in the stamped plans, calculations, and/or certification letter and notify the Engineer of Record of any discrepancies prior to starting construction. If during solar panel installation, the roof framing members appear unstable or deflect non-uniformly, our office should be notified before proceeding with the installation. The contractor shall also verify that there are no damage/deficiencies (i.e., dry rot, water damage, termite damage, framing member/connection damage, etc.) to framing that was not addressed in the stamped plans, calculations, and/or certification letter and notify the Engineer of Record of any concerns prior to starting construction.

AERIAL VIEW:



STREET VIEW:



CONTRACTOR INFORMATION:

Everlight Solar Construction
PO Box 930550
Verona, WI 53593
License# DCQ-111802116
833.786.4387 ext. 701

SITE INFORMATION

Alexandria Lescher
1248 Riverton Dr
Mukwonago, WI 53149
AC SYSTEM SIZE: 4.932 kW AC
DC SYSTEM SIZE: 6.12 kW DC
Lat, 42.8816225
Long, -88.3143828
(17) Silfab SIL-360 NX mono PERC PV MODULES
(9) AP Systems YC600 INVERTER(S)
We Energies

GENERAL NOTES

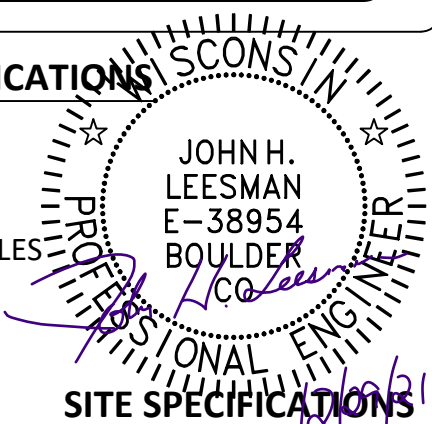
1. INSTALLATION OF SOLAR PHOTOVOLTAIC SYSTEM SHALL BE IN ACCORDANCE WITH NEC ARTICLE 690, AND ALL OTHER APPLICABLE NEC CODES WHERE NOTED OR EXISTING.
2. PROPER ACCESS AND WORKING CLEARANCE AROUND EXISTING AND PROPOSED ELECTRICAL EQUIPMENT WILL COMPLY WITH NEC ARTICLE 110.
3. ALL WIRES, INCLUDING THE GROUNDING ELECTRODE CONDUCTOR SHALL BE PROTECTED FROM PHYSICAL DAMAGE IN ACCORDANCE WITH NEC ARTICLE 250
4. THE PV MODULES ARE CONSIDERED NON-COMBUSTIBLE; THIS SYSTEM IS UTILITY INTERACTIVE PER UL 1741 AND DOES NOT INCLUDE STORAGE BATTERIES OR OTHER ALTERNATIVE STORAGE SOURCES.
5. ALL DC WIRES SHALL BE SIZED ACCORDING TO [NEC 690.8]
6. DC CONDUCTORS SHALL BE WITHIN PROTECTED RACEWAYS IN ACCORDANCE WITH [NEC 690.31]
7. ALL SIGNAGE TO BE PLACED IN ACCORDANCE WITH LOCAL JURISDICTIONAL BUILDING CODE.

PHOTOVOLTAIC (PV) SYSTEM SPECIFICATIONS

EQUIPMENT:
AC SYSTEM SIZE: 4.932 kW AC
DC SYSTEM SIZE: 6.12 kW DC
(17) Silfab SIL-360 NX mono PERC PV MODULES
(9) AP Systems YC600 INVERTER(S)
RACKING: Quickbolt 2 (QB2) - 48" O.C.

APPLICABLE GOVERNING CODES

2017 NEC/ WISCONSIN SPS 316
WISCONSIN UNIFORM DWELLING CODE SPS 320-325
SPS 321 CONSTRUCTION STANDARDS



SITE SPECIFICATIONS

OCCUPANCY: R-3
ZONING: RESIDENTIAL

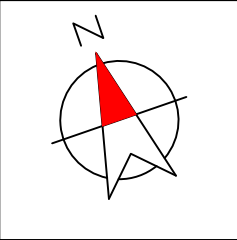
SHEET INDEX:

- PV01 COVER PAGE
- PV02 SITE PLAN
- PV03 ROOF ATTACHMENTS
- PV04 MOUNTING DETAIL
- PV05 LINE DIAGRAM
- PV06 ELECTRICAL CALCS
- PV07 LABELS
- PV08 PLACARD
- PV09 SITE PHOTOS

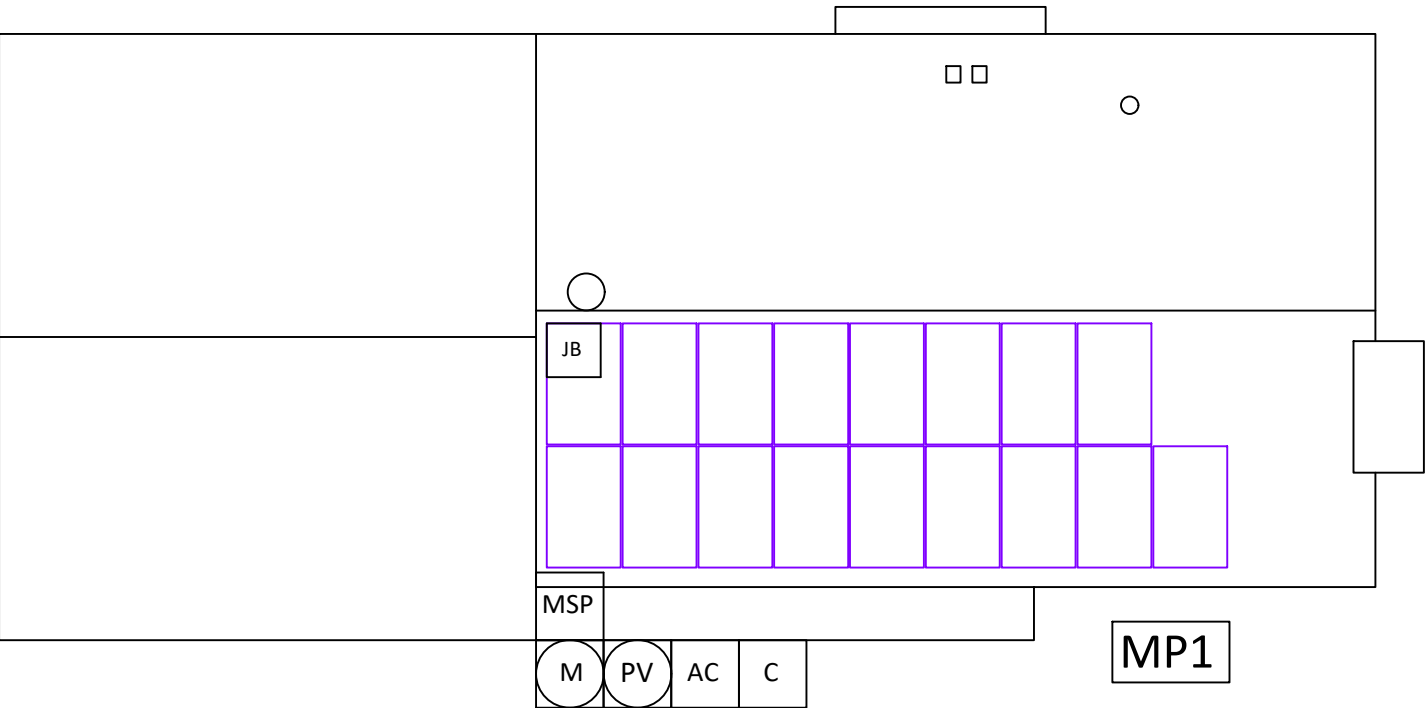
DRAWN BY: SoloCAD

DATE:
December 28, 2021

COVER PAGE - PV01

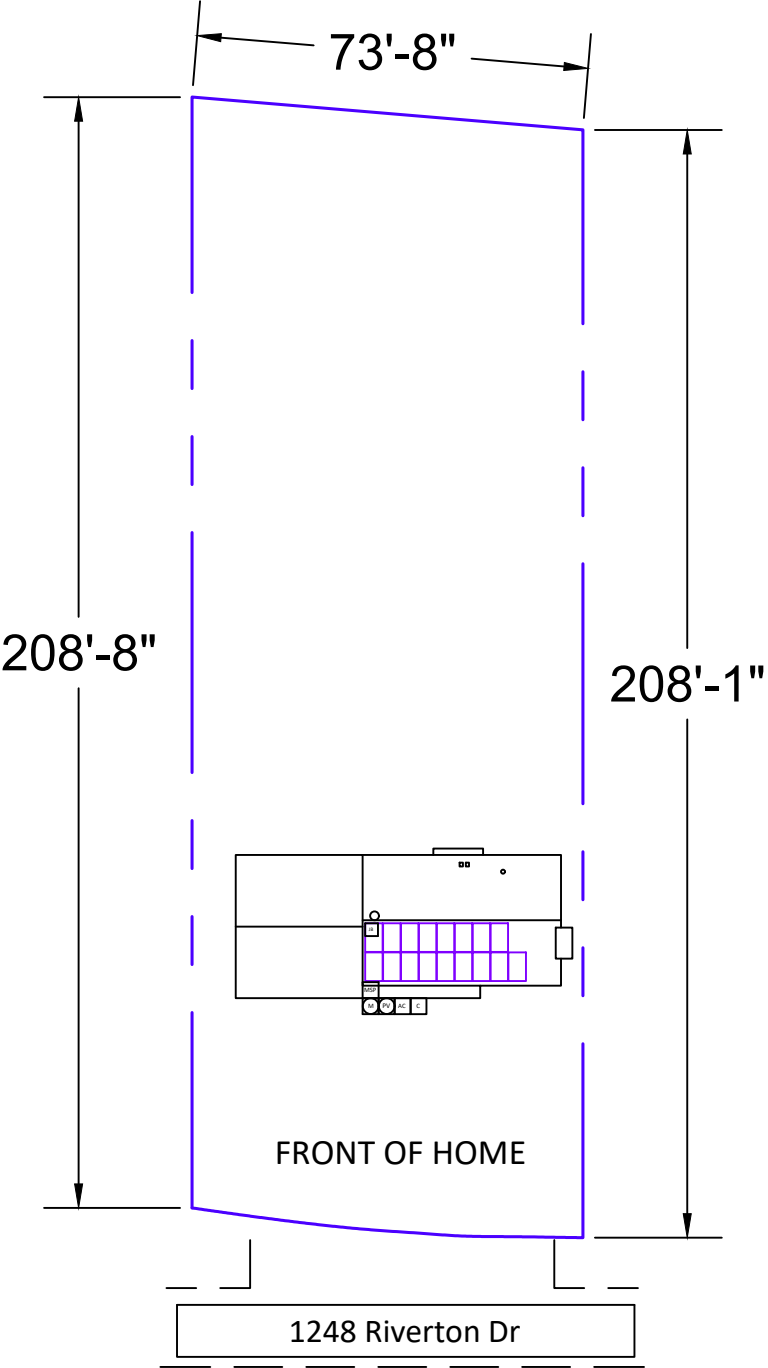


CLOSE UP OF HOME



FRONT OF HOME

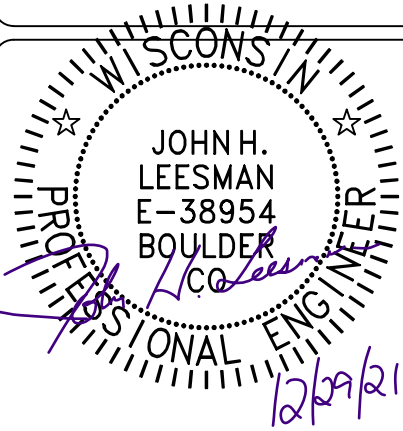
ARRAY DETAILS:		
MOUNTING PLANE:	AZIMUTH:	TILT:
MP1	199°	25°



CONTRACTOR INFORMATION:
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PO Box 930550
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833.786.4387 ext. 701

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EQUIPMENT LEGEND:

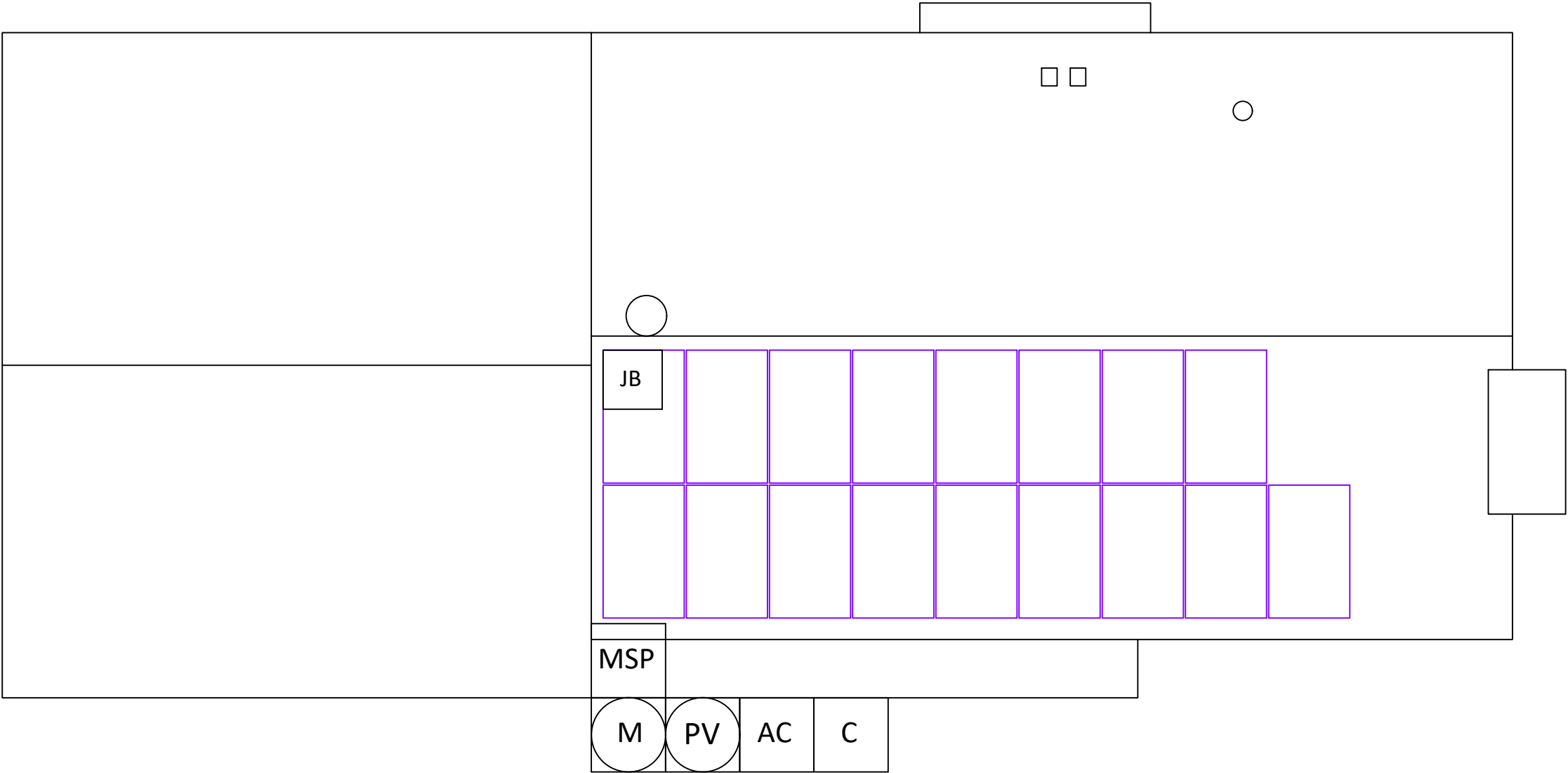
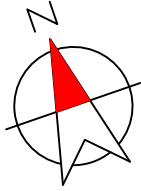
UTILITY METER	VISIBLE, LOCKABLE, LABELED AC DISCONNECT	INVERTER	SUB PANEL	FIRE ACCESS PATHWAY (3' TYP)	BATTERY(IES)
MAIN SERVICE PANEL	METER SOCKET (FOR UTILITY PV METER)	COMBINER BOX	LOAD CENTER	PROPERTY LINE	

VISIBLE, LOCKABLE,
LABELED AC DISCONNECT
LOCATED WITHIN 10'
OF UTILITY METER

DRAWN BY: SoloCAD

DATE:
December 28, 2021

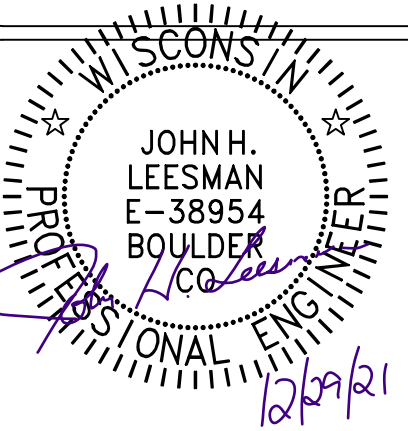
SITE PLAN - PV02



CONTRACTOR INFORMATION:
Everlight Solar Construction
PO Box 930550
Verona, WI 53593
License# DCQ-111802116
833.786.4387 ext. 701

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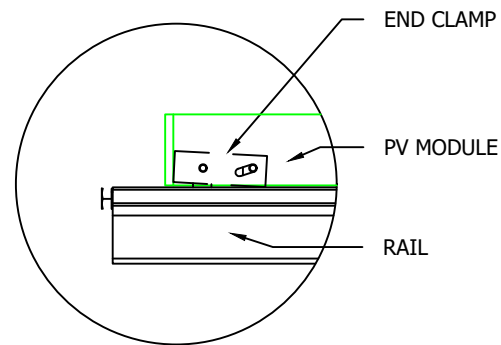


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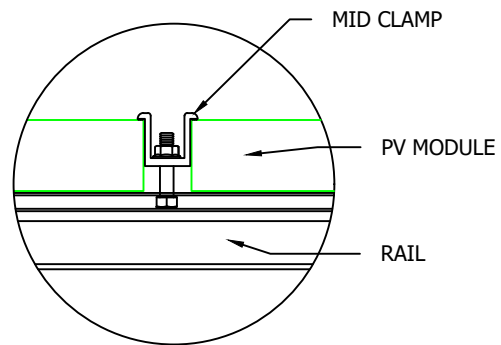
DATE:
December 28, 2021

ROOF ATTACHMENTS - PV03

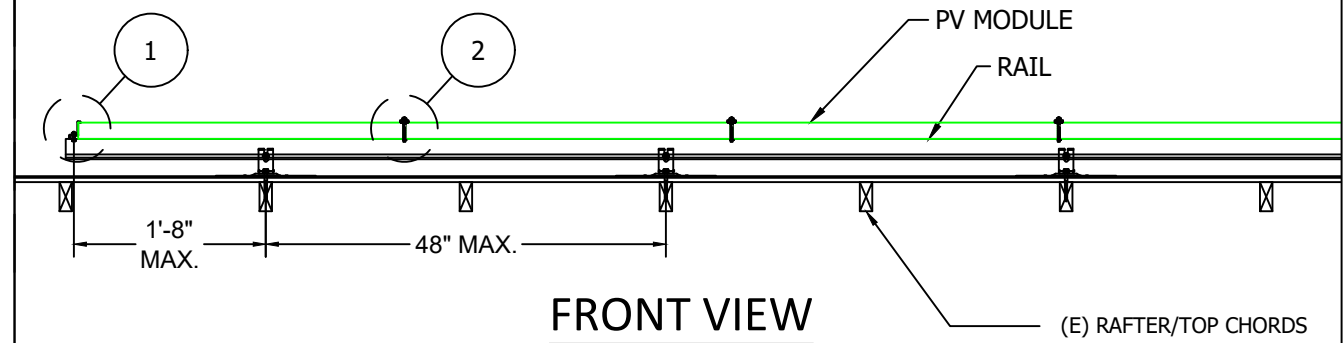
EQUIPMENT INFORMATION:		ROOF INFO:		PHOTOVOLTAIC ARRAY STRUCTURAL CRITERIA:	
RAIL MANUFACTURER:	IronRidge	ROOF TYPE:	Asphalt Shingle	PV MODULE COUNT:	17
RAIL PART NUMBER:	XR-10	ROOF FRAMING:	Manufactured Truss	ARRAY AREA:	MODULE COUNT * 19.72 ft² = 335.24
ATTACHMENTS	Quickbolt 2 (QB2)	RAFTER/TOP CHORD SIZE:	2x4	ROOF AREA:	1657 ft²
ATTACHMENT QTY:	30	RAFTER/TOP CHORD SPACING:	24"	PERCENT OF ROOF COVERED:	20%
SPLICE QTY:	6	ATTACHMENT SPACING:	48"	ARRAY WEIGHT:	MODULE COUNT * 44 lbs = 748 lbs
MIDCLAMP QTY:	30			DISTRIBUTED LOAD:	ARRAY LBS/ATTACHMENTS = 24.93
ENDCLAMP QTY:	8			POINT LOAD: (lbs/ft²)	(ARRAY) WEIGHT/AREA = 2.23 lbs/ft²



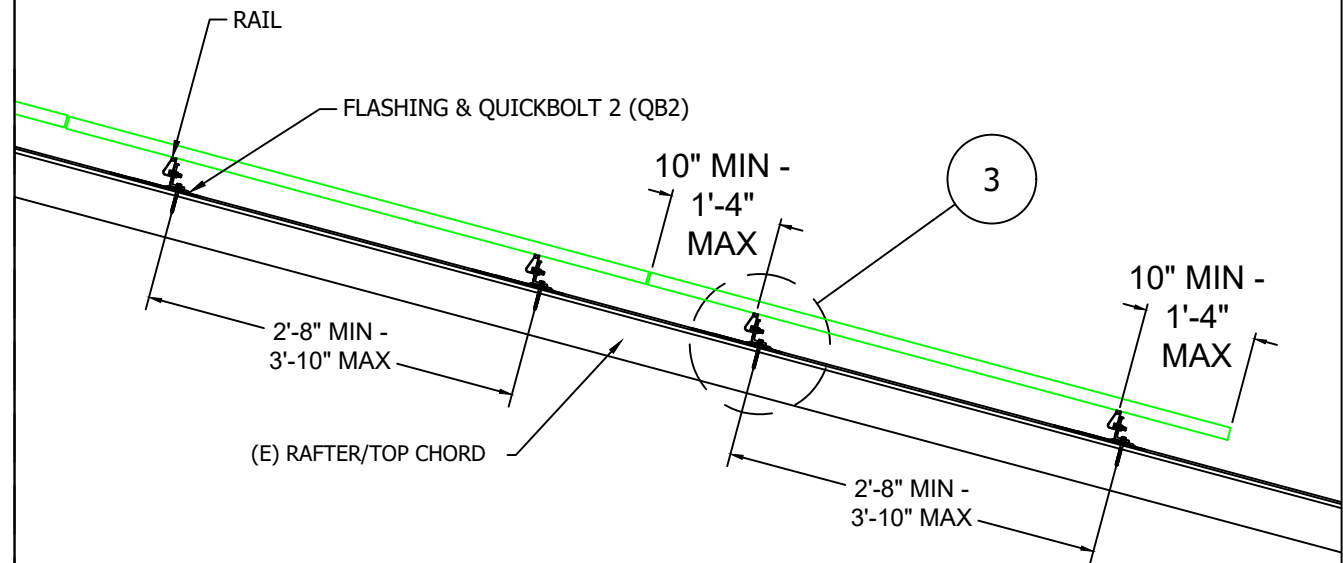
1 END CLAMP DETAILS



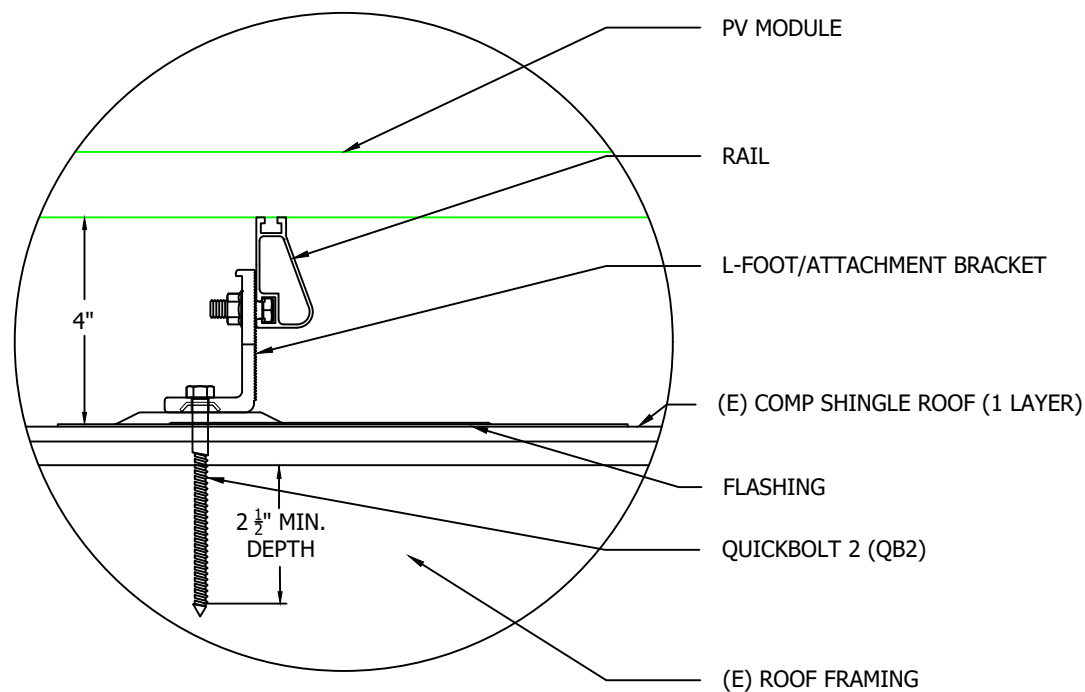
2 MID CLAMP DETAILS



FRONT VIEW



SIDE VIEW



3 DETAIL, MOUNTING AND FLASHING

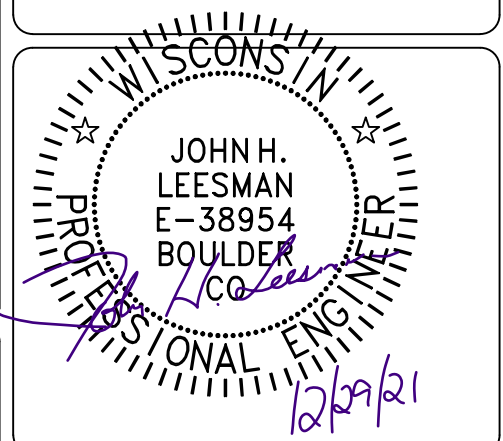


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(9) AP Systems YC600 INVERTER(S)
We Energies



DRAWN BY: SoloCAD

DATE:
December 28, 2021

MOUNTING DETAIL - PV04

EQUIPMENT INFORMATION:		ROOF INFO:		PHOTOVOLTAIC ARRAY STRUCTURAL CRITERIA:	
RAIL MANUFACTURER:	IronRidge	ROOF TYPE:	Asphalt Shingle	PV MODULE COUNT:	17
RAIL PART NUMBER:	XR-10	ROOF FRAMING:	Manufactured Truss	ARRAY AREA:	MODULE COUNT * 19.72 ft ² = 335.24
ATTACHMENTS	Quickbolt 2 (QB2)	RAFTER/TOP CHORD SIZE:	2x4	ROOF AREA:	1657 ft ²
ATTACHMENT QTY:	30	RAFTER/TOP CHORD SPACING:	24"	PERCENT OF ROOF COVERED:	20%
SPLICE QTY:	6	ATTACHMENT SPACING:	48"	ARRAY WEIGHT:	MODULE COUNT * 44 lbs = 748 lbs
MIDCLAMP QTY:	30			DISTRIBUTED LOAD:	ARRAY LBS/ATTACHMENTS = 24.93
ENDCLAMP QTY:	8			POINT LOAD: (lbs/ft ²)	(ARRAY) WEIGHT/AREA = 2.23 lbs/ft ²

Silfab SIL-360 NX mono PERC Specs	
POWER MAX (P _{MAX}):	360W
OPEN CIRCUIT VOLTAGE (V _{OC}):	40.4V
MAX POWER-POINT CURRENT (I _{MP}):	7.8A
MAX POWER-POINT VOLTAGE (V _{MP}):	33.1V
SHORT CIRCUIT CURRENT (I _{SC}):	8.2A
SERIES FUSE RATING:	20A

AP Systems YC600 Specs	
MAX INPUT VOLTAGE:	7 V
MAX DC SHORT CIRCUIT CURRENT:	12 A
MAXIMUM OUTPUT POWER:	548 W
MAXIMUM OUTPUT CURRENT:	2.28 A
NOM. OUTPUT VOLTAGE:	240 V
MAX UNITS PER 20A CIRCUIT:	14
1-Phase, 60 HZ, UL 1741 Listed	

Equipment Schedule			
TYPE:	QTY:	DESCRIPTION:	RATING:
MODULES:	(17)	Silfab SIL-360 NX mono PERC	360 W
INVERTERS:	(9)	AP Systems YC600	548 W
AC DISCONNECT(S):	(1)	PV AC DISCONNECT, 240V, 2-POLE	60A

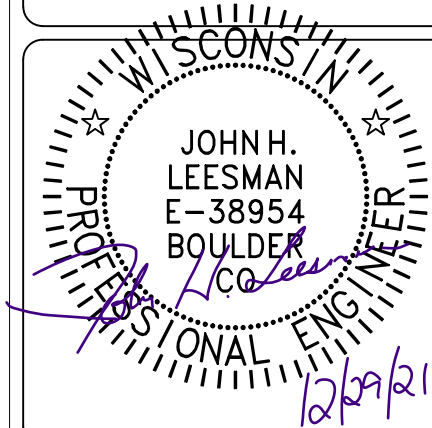
Conduit & Conductor Schedule				
TAG	QTY	WIRE GAUGE	DESCRIPTION	CONDUIT SIZE
1	(2)	12-2	TC-ER, THWN-2, COPPER (L1, L2)	N/A - FREE AIR
	(1)	6 AWG	BARE, COPPER (GROUND)	
2	(2)	10 AWG	THWN-2, or THHN COPPER - (L1, L2)	3/4" EMT
	(1)	10 AWG	THWN-2, or THHN COPPER - (GROUND)	
3	(4)	10 AWG	THHN/THWN-2, COPPER - (L1, L2)	3/4" EMT
	(1)	10 AWG	THHN/THWN-2 - (GROUND)	
4	(3)	10 AWG	THWN-2 COPPER - (L1, L2, NEUTRAL)	3/4" EMT
	(1)	10 AWG	THWN-2 COPPER - (GROUND)	
5	(3)	6 AWG	THWN-2 COPPER - (L1,L2,NEUTRAL)	3/4" EMT
	(0)	NONE	N/A - NO GROUND WIRE PRESENT	



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License# DCQ-111802116
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SITE INFORMATION

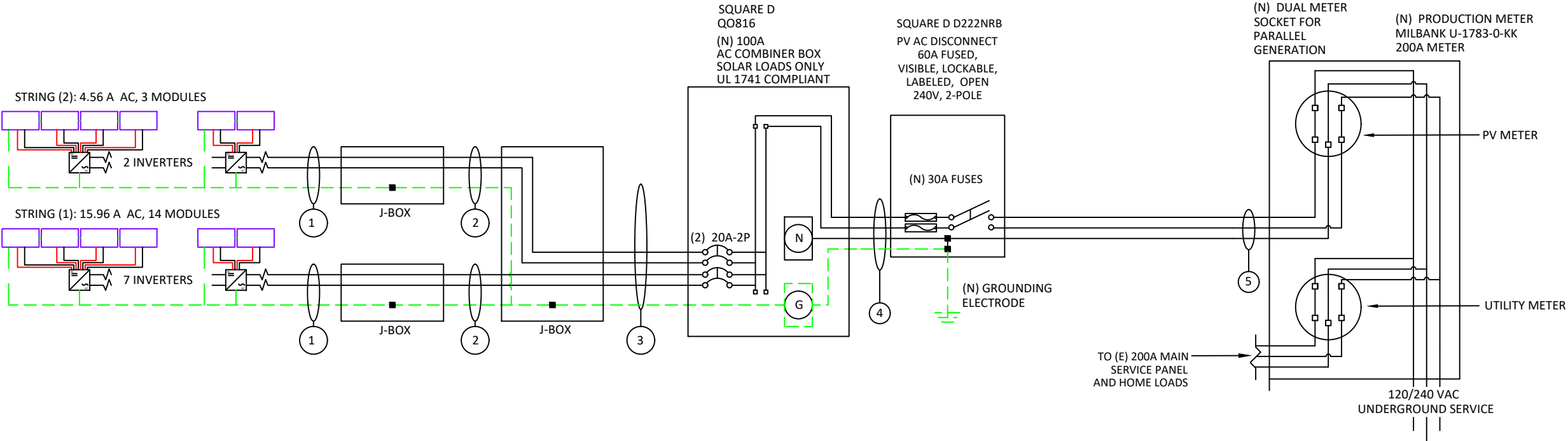
Alexandria Lescher
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Mukwonago, WI 53149
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Lat, 42.8816225
Long, -88.3143828
(17) Silfab SIL-360 NX mono PERC PV MODULES
(9) AP Systems YC600 INVERTER(S)
We Energies



DRAWN BY: SoloCAD

DATE:
December 28, 2021

LINE DIAGRAM - PV05



VISIBLE, LOCKABLE,
LABELED AC DISCONNECT
LOCATED WITHIN 10'
OF UTILITY METER

STRING CALCULATIONS		
AP Systems YC600	STRING #1	STRING #2
MAX AC CURRENT:	15.96A	4.56A
MICRO INVERTERS IN SERIES	7	2
NOMINAL STRING VOLTAGE:	240V	240V
MAX AC OUTPUT POWER	3836W	1096W
ARRAY DC POWER:	6120W	
TOTAL MAX AC CURRENT:	20.52A	

NUMBER OF CURRENT CARRYING CONDUCTORS	PERCENT OF VALUES
4-6	.80
7-9	.70
10-20	.50

SYSTEM OCPD CALCULATIONS	
INVERTER MODEL(S):	AP Systems YC600
# OF INVERTERS:	9
MAX OUTPUT CURRENT:	2.28A
(# OF INVERTERS) X (MAX OUTPUT CURRENT) X 125% <= OCPD RATING	
(9 X 2.28 A X 1.25) = 25.65A <= 30A, OK	

SUPPLY SIDE INTERCONNECTION	
MAIN BUSBAR RATING:	200A
MAIN DISCONNECT RATING:	200A
PV OCPD RATING:	30A
SERVICE RATING >= PV OCPD	
200A >= 30A, OK	

Conduit & Conductor Schedule											
TAG	QTY	WIRE GAUGE	DESCRIPTION	CONDUIT SIZE	CONDUCTOR RATING	CONDUCTOR TEMP. RATE	AMBIENT TEMP	TEMP. DERATE	# OF CONDUCTORS DERATE	CONDUCTOR RATING W/DERATES	CONDUIT FILL
1	(2)	12-2	TC-ER, THWN-2, COPPER (L1, L2)	N/A - FREE AIR	30A	90°C	32°C	0.96	N/A - FREE AIR	28.8A	N/A - FREE AIR
	(1)	6 AWG	BARE, COPPER (GROUND)								
2	(2)	10 AWG	THWN-2, or THHN COPPER - (L1, L2)	3/4" EMT	40A	90°C	32°C	0.96	1	38.4A	11.9%
	(1)	10 AWG	THWN-2 COPPER - (GROUND)								
3	(4)	10 AWG	THHN/THWN-2, COPPER - (L1, L2)	3/4" EMT	40A	90°C	32°C	0.96	0.8	30.72A	19.8%
	(1)	10 AWG	THWN-2 COPPER - (GROUND)								
4	(3)	10 AWG	THWN-2 COPPER - (L1, L2, NEUTRAL)	3/4" EMT	35A	75°C	32°C	0.96	1	33.6A	15.9%
	(1)	10 AWG	THWN-2 COPPER - (GROUND)								
5	(3)	6 AWG	THWN-2 COPPER - (L1,L2,NEUTRAL)	3/4" EMT	65A	75°C	32°C	0.96	1	62.4A	28.61%
	(0)	NONE	N/A - NO GROUND WIRE PRESENT								

GROUNDING & GENERAL NOTES:

- PV INVERTER IS UNGROUNDED, TRANSFORMER-LESS TYPE.
- DC GEC AND AC EGC TO BE SPLICED TO EXISTING ELECTRODE
- ANY EXISTING WIRING INVOLVED WITH PV SYSTEM CONNECTION THAT IS FOUND TO BE INADEQUATE PER CODE SHALL BE CORRECTED PRIOR TO FINAL INSPECTION.
- JUNCTION BOX QUANTITIES, AND PLACEMENT SUBJECT TO CHANGE IN THE FIELD - JUNCTION BOXES DEPICTED ON ELECTRICAL DIAGRAM REPRESENT WIRE TYPE TRANSITIONS.
- AC DISCONNECT NOTED IN EQUIPMENT SCHEDULE OPTIONAL IF OTHER AC DISCONNECTING MEANS IS LOCATED WITHIN 10' OF SERVICE DISCONNECT.

INTERCONNECTION NOTES

- GROUND FAULT PROTECTION IN ACCORDANCE WITH [NEC 215.9] & [NEC 230.95]
- SUPPLY SIDE INTERCONNECTION ACCORDING TO [NEC705.12(A)]

DISCONNECT NOTES

- DISCONNECTING SWITCHES SHALL BE WIRED SUCH THAT WHEN THE SWITCH IS OPENED THE CONDUCTORS REMAINING LIVE ARE CONNECTED TO THE TERMINALS MARKED “LINE SIDE” (TYPICALLY THE UPPER TERMINALS)
- AC DISCONNECT MUST BE ACCESSIBLE TO QUALIFIED UTILITY PERSONNEL, BE LOCKABLE, AND BE A VISIBLE-BREAK SWITCH.
- FUSED AC DISCONNECT TO BE USED.



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SITE INFORMATION

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Long, -88.3143828
(17) Silfab SIL-360 NX mono PERC PV MODULES
(9) AP Systems YC600 INVERTER(S)

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DATE:
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ELECTRICAL CALCS - PV06

WARNING

ELECTRIC SHOCK HAZARD

**TERMINALS ON THE LINE AND
LOAD SIDES MAY BE ENERGIZED
IN THE OPEN POSITION**

LABEL 1
FOR PV DISCONNECTING MEANS WHERE THE LINE AND
LOAD TERMINALS MAY BE ENERGIZED IN THE OPEN
POSITION.
[NEC 690.13(B)]

WARNING

**THIS EQUIPMENT IS FED BY MULTIPLE
SOURCES. TOTAL RATING OF ALL
OVERCURRENT DEVICES, EXCLUDING
MAIN SUPPLY OVERCURRENT
DEVICE, SHALL NOT EXCEED
AMPACITY OF BUSBAR.**

LABEL 2
PLACED ADJACENT TO THE BACK-FED BREAKER FROM
THE INVERTER IF TIE IN CONSISTS OF LOAD SIDE
CONNECTION TO BUSBAR.
[NEC 705.12(B)(2)(3)(b)]

WARNING

INVERTER OUTPUT CONNECTION

**DO NOT RELOCATE
THIS OVERCURRENT
DEVICE**

LABEL 3
PLACED ADJACENT TO THE BACK-FED BREAKER
FROM THE INVERTER IF TIE IN CONSISTS OF LOAD
SIDE CONNECTION TO BUSBAR.
[NEC 705.12(B)(2)(3)(c)]

WARNING

DUAL POWER SUPPLY

**SOURCES: UTILITY GRID AND PV
SOLAR ELECTRIC SYSTEM**

LABEL 4
EQUIPMENT CONTAINING OVERCURRENT
DEVICES IN CIRCUITS SUPPLYING POWER TO A
BUSBAR OR CONDUCTOR SUPPLIED FROM
MULTIPLE SOURCES SHALL BE MARKED TO
INDICATE THE PRESENCE OF ALL SOURCES
[NEC 705.12(B)(3)]

PHOTOVOLTAIC AC DISCONNECT

RATED AC OUTPUT CURRENT:

21

NOMINAL OPERATING AC VOLTAGE:

240

LABEL 5
AT POINT OF INTERCONNECTION, MARKED AT
AC DISCONNECTING MEANS.
[NEC 690.54, NEC 690.13 (B)]

- LABELING NOTES:
1. LABELS CALLED OUT ACCORDING TO ALL COMMON CONFIGURATIONS. ELECTRICIAN TO DETERMINE EXACT REQUIREMENTS IN THE FIELD PER CURRENT NEC AND LOCAL CODES AND MAKE APPROPRIATE ADJUSTMENTS.
 2. LABELING REQUIREMENTS BASED ON THE 2017 NATIONAL ELECTRIC CODE, OSHA STANDARD 19010.145, ANSI Z535.
 3. MATERIAL BASED ON THE REQUIREMENTS OF THE AUTHORITY HAVING JURISDICTION.
 4. LABELS TO BE OF SUFFICIENT DURABILITY TO WITHSTAND THE ENVIRONMENT INVOLVED [NEC 110.21(B)(3)]
 5. LABELS TO BE A MINIMUM LETTER HEIGHT OF 3/8", WHITE ON RED BACKGROUND; REFLECTIVE, AND PERMANENTLY AFFIXED [IFC 605.11.1.1]

**WARNING: PHOTOVOLTAIC
POWER SOURCE**

**SOLAR PV SYSTEM EQUIPPED
WITH RAPID SHUTDOWN**

TURN RAPID SHUTDOWN
SWITCH TO THE "OFF"
POSITION TO SHUT DOWN
PV SYSTEM AND REDUCE
SHOCK HAZARD IN ARRAY

LABEL 6
AT DIRECT-CURRENT EXPOSED RACEWAYS, CABLE TRAYS, COVERS AND
ENCLOSURES OF JUNCTION BOXES, AND OTHER WIRING METHODS; SPACED
AT MAXIMUM 10FT SECTION OR WHERE SEPARATED BY ENCLOSURES, WALLS,
PARTITIONS, CEILINGS, OR FLOORS.
[NEC 690.31(G)(3&4)]

LABEL 7
FOR PV SYSTEMS THAT SHUT DOWN THE ARRAY AND CONDUCTORS LEAVING
THE ARRAY:
SIGN TO BE LOCATED ON OR NO MORE THAN 3 FT AWAY FROM SERVICE
DISCONNECTING MEANS TO WHICH THE PV SYSTEMS ARE CONNECTED AND
SHALL INDICATE THE LOCATION OF ALL IDENTIFIED RAPID SHUTDOWN
SWITCHES IF NOT AT THE SAME LOCATION.
[NEC 690.56(C)(1)(A)]

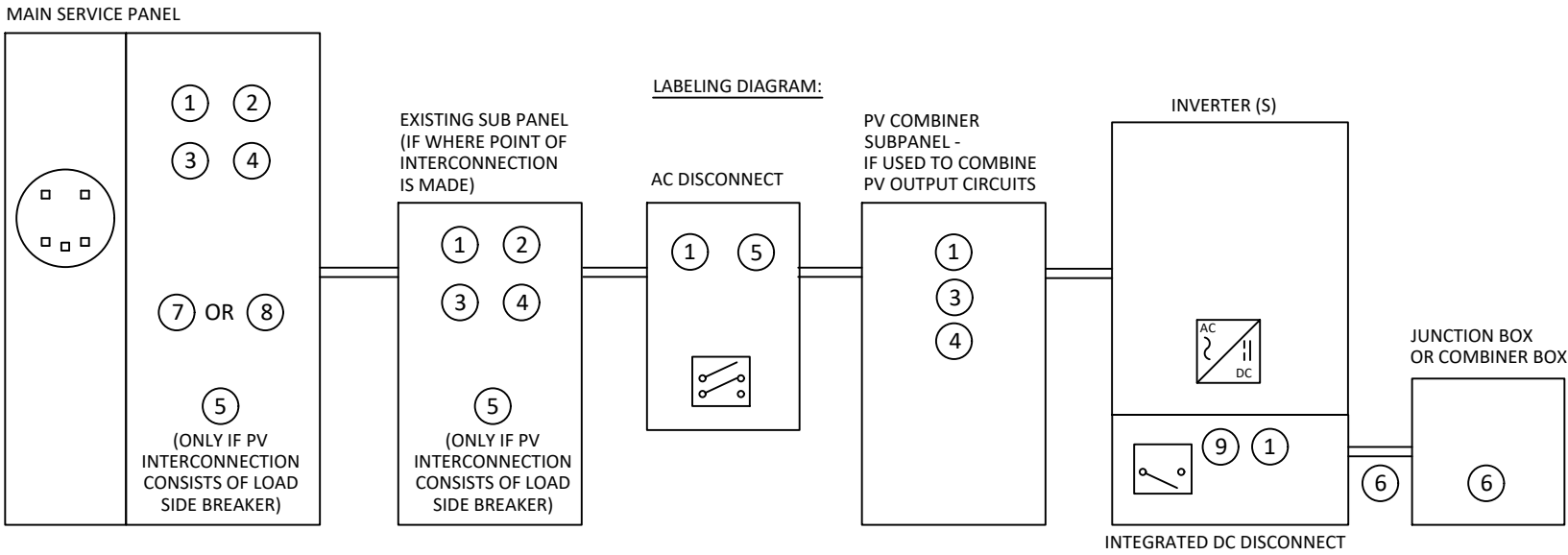
**SOLAR PV SYSTEM EQUIPPED
WITH RAPID SHUTDOWN**

TURN RAPID SHUTDOWN
SWITCH TO THE "OFF"
POSITION TO SHUT DOWN
CONDUCTORS OUTSIDE
THE ARRAY. CONDUCTORS
WITHIN THE ARRAY REMAIN
ENERGIZED IN SUNLIGHT

LABEL 8
FOR PV SYSTEMS THAT ONLY SHUT DOWN CONDUCTORS
LEAVING THE ARRAY:
SIGN TO BE LOCATED ON OR NO MORE THAN 3 FT AWAY
FROM SERVICE DISCONNECTING MEANS TO WHICH THE
PV SYSTEMS ARE CONNECTED AND SHALL INDICATE THE
LOCATION OF ALL IDENTIFIED RAPID SHUTDOWN
SWITCHES IF NOT AT THE SAME LOCATION.
[NEC 690.56(C)(1)(b)]

**RAPID SHUTDOWN
SWITCH FOR
SOLAR PV SYSTEM**

LABEL 9
SIGN LOCATED AT RAPID SHUT DOWN
DISCONNECT SWITCH [NEC 690.56(C)(3)].



*ELECTRICAL DIAGRAM SHOWN ABOVE IS FOR LABELING PURPOSES ONLY. NOT AN ACTUAL REPRESENTATION OF EQUIPMENT AND CONNECTIONS TO BE INSTALLED. LABEL LOCATIONS PRESENTED MAY VARY DEPENDING ON TYPE OF INTERCONNECTION METHOD AND LOCATION PRESENTED ON THE ELECTRICAL DIAGRAM PAGE.



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MODULES
(9) AP Systems YC600 INVERTER(S)

We Energies

DRAWN BY: SoloCAD

DATE:
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LABELS - PV07

POWER TO THIS BUILDING IS ALSO SUPPLIED FROM ROOF MOUNTED SOLAR ARRAYS WITH SAFETY DISCONNECTS AS SHOWN:



1248 Riverton Dr, Mukwonago WI 53149

PERMANENT PLAQUE OR DIRECTORY PROVIDING THE LOCATION OF THE SERVICE DISCONNECTING MEANS AND THE PHOTOVOLTAIC SYSTEM.

(ALL PLAQUES AND SIGNAGE WILL BE INSTALLED AS OUTLINED WITHIN:
NEC 690.56(B)&(C), [NEC 705.10])



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PLACARD - PV08

SITE PHOTOS:



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DATE:
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SITE PHOTOS - PV09

SITE PHOTOS:



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DATE:
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FRONT/BACK VIEWS - PV09.1

SITE PHOTOS:





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SIDE VIEWS - PV09.2

SITE PHOTOS:





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DATE:
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METER/OPEN MSP - PV09.3



SIL-360 NX



Proud Partner of
Everlight Solar

HIGH EFFICIENCY PREMIUM MONO-PERC PV MODULE



CHUBB
* Chubb provides error and omission insurance to Silfab Solar Inc.

INDUSTRY LEADING WARRANTY

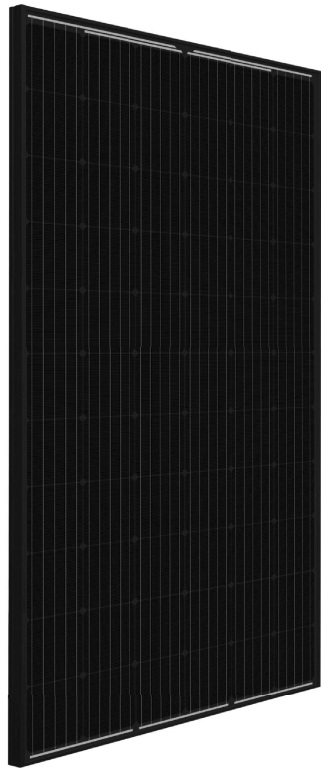
All our products include an industry leading 25-year product workmanship and 30-year performance warranty.

35+ YEARS OF SOLAR INNOVATION

Leveraging over 35+ years of worldwide experience in the solar industry, Silfab is dedicated to superior manufacturing processes and innovations such as Bifacial and Back Contact technologies, to ensure our partners have the latest in solar innovation.

NORTH AMERICAN QUALITY

Silfab is the leading automated solar module manufacturer in North America. Utilizing premium quality materials and strict quality control management to deliver the highest efficiency, premium quality PV modules.



BAA / ARRA COMPLIANT

Silfab panels are designed and manufactured to meet Buy American Act Compliance. The US State Department, US Military and FAA have all utilized Silfab panels in their solar installations.

LIGHT AND DURABLE

Engineered to accommodate high wind load conditions for test loads validated up to 4000Pa uplift. The light-weight frame is exclusively designed for wide-ranging racking compatibility and durability.

QUALITY MATTERS

Total automation ensures strict quality controls during the entire manufacturing process at our ISO certified facilities.

DOMESTIC OPERATIONS

Our 500+ North American team is ready to help our partners win the hearts and minds of customers, providing customer service and product delivery that is direct, efficient and local.

AESTHETICALLY PLEASING

All black sleek design, ideal for high-profile residential or commercial applications.

PID RESISTANT

PID Resistant due to advanced cell technology and material selection. In accordance to IEC 62804-1.

Electrical Specifications		SIL-360 NX mono PERC	
Test Conditions		STC	NOCT
Module Power (Pmax)	Wp	360	258
Maximum power voltage (Vpmax)	V	36.6	33.1
Maximum power current (Ipmax)	A	9.9	7.8
Open circuit voltage (Voc)	V	44.5	40.4
Short circuit current (Isc)	A	10.5	8.2
Module efficiency	%	19.7	17.6
Maximum system voltage (VDC)	V	1000	
Series fuse rating	A	20	
Power Tolerance	Wp	0 to +10	

Measurement conditions: STC 1000 W/m² • AM 1.5 • Temperature 25 °C • NOCT 800 W/m² • AM 1.5 • Measurement uncertainty ≤ 3%
• Sun simulator calibration reference modules from Fraunhofer Institute. Electrical characteristics may vary by ±5% and power by 0 to +10W.

Temperature Ratings		SIL-360 NX mono PERC
Temperature Coefficient Isc		+0.064 %/°C
Temperature Coefficient Voc		-0.28 %/°C
Temperature Coefficient Pmax		-0.36 %/°C
NOCT (± 2°C)		46 °C
Operating temperature		-40/+85 °C

Mechanical Properties and Components			SIL-360 NX mono PERC
	Metric	Imperial	
Module weight	20±0.2 kg	44±0.4 lbs	
Dimensions (H x L x D)	1832 mm x 1000 mm x 38 mm	72.13 in x 39.4 in x 1.5 in	
Maximum surface load (wind/snow)*	4000 Pa rear load / 5400 Pa front load	83.5/112.8 lb/ft^2	
Hail impact resistance	ø 25 mm at 83 km/h	ø 1 in at 51.6 mph	
Cells	66 - Si mono-PERC - 5 busbar 158.75 x 158.75 mm	66 - Si mono-PERC - 5 busbar 62.25 x 62.25 in	
Glass	3.2 mm high transmittance, tempered, DSM anti-reflective coating	0.126 in high transmittance, tempered, DSM anti-reflective coating	
Cables and connectors (refer to installation manual)	1200 mm ø 5.7 mm, MC4 from Staubli	47.2 in, ø 0.22 (12AWG), MC4 from Staubli	
Backsheet	High durability, superior hydrolysis and UV resistance, multi-layer dielectric film, fluorine-free PV backsheet		
Frame	Anodized Aluminum (Black)		
Bypass diodes	3 diodes-30SQ045T (45V max DC blocking voltage, 30A max forward rectified current)		
Junction Box	UL 3730 Certified, IEC 62790 Certified, IP67 rated		

Warranties		SIL-360 NX mono PERC
Module product workmanship warranty		25 years**
Linear power performance guarantee		30 years
		≥ 97.1% end 1 st year ≥ 91.6% end 12 th year ≥ 85.1% end 25 th year ≥ 82.6% end 30 th year

Certifications		SIL-360 NX mono PERC
Product		ULC ORD C1703, UL1703, CEC listed***, UL 61215-1/-1-1/-2, UL 61730-1/-2, IEC 61215-1/-1-1/-2***, IEC 61730-1/-2***, CSA C22.2#61730-1/-2, IEC 62716 Ammonia Corrosion; IEC61701:2011 Salt Mist Corrosion Certified, UL Fire Rating: Type 2 ISO9001:2015
Factory		

All states except California California
Modules Per Pallet: 26 Modules Per Pallet: 26
Pallets Per Truck: 34 Pallets Per Truck: 32
Modules Per Truck: 884 Modules Per Truck: 832

*▲ Warning. Read the Safety and Installation Manual for mounting specifications and before handling, installing and operating modules.

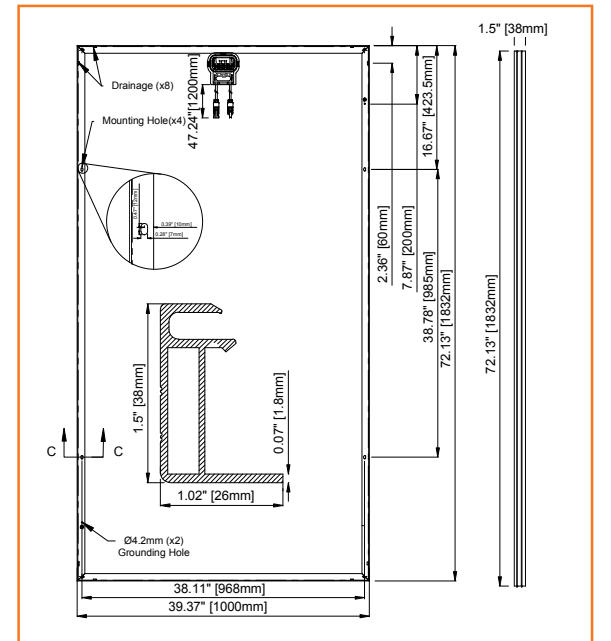
**12 year extendable to 25 years subject to registration and conditions outlined under "Warranty" at www.silfabsolar.com.

***Certification and CEC listing in progress.
PAN files generated from 3rd party performance data are available for download at: www.silfabsolar.com/downloads.

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APsystems YC600 Microinverter Datasheet

INPUT DATA (DC)

Module Compatibility	60 & 72 Cell PV Modules
MPPT Voltage Range	22V-48V
Operation Voltage Range	16V-55V
Maximum Input Voltage	55V
Maximum Input Current	12A x 2
Maximum Total PV Array Short Circuit Current	15A

OUTPUT DATA (AC)

	240V	208V
Maximum Continuous Output Power	548VA	548VA
Peak Output Power	600VA	600VA
Nominal Output Voltage	240V	208V
Nominal Output Current	2.28A	2.63A
Nominal Output Frequency	60Hz	60Hz
Adjustable Output Voltage Range	211-264V	183-229V
Adjustable Output Frequency Range	59.3 - 60.5Hz	59.3 - 60.5Hz
Power Factor (Adjustable)	0.8 leading...0.8 lagging	0.8 leading...0.8 lagging
Total Harmonic Distortion	<3%	<3%
Maximum Units per Branch	7 (14 PV modules)	6 (12 PV modules)

EFFICIENCY

Peak Efficiency	96.7%
CEC Weighted Efficiency	96.5%
Nominal MPPT Efficiency	99.5%
Night Power Consumption	60mW

MECHANICAL DATA

Operating Ambient Temperature Range	-40°F to +149°F (-40°C to +65°C)
Storage Temperature Range	-40°F to +185°F (-40°C to +85°C)
Dimensions (WxHxD) inches	10.24" x 7.4" x 1.24"
Dimensions (WxHxD) mm	260mm x 188mm x 31.5mm
Weight	5.7 lbs (2.6kg)
AC BUS Maximum Current	20A
Connector Type	MC4 Type
Enclosure Rating	NEMA 6 (IP67)
Cooling	Natural Convection - No Fans

FEATURES & COMPLIANCE

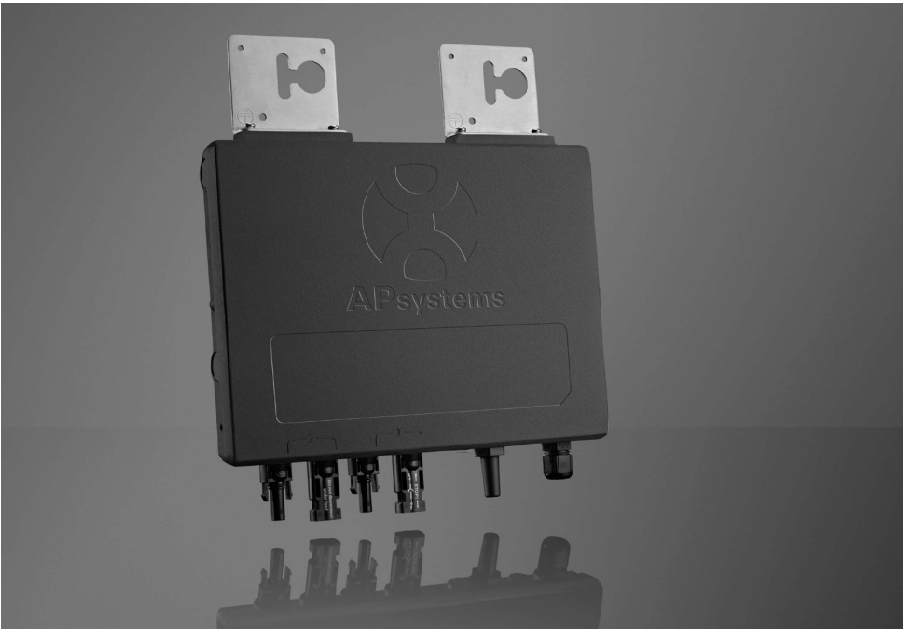
Communication	Wireless Zigbee
Transformer Design	High Frequency Transformers, Galvanic Isolation
Monitoring	Via EMA**Online Portal
Emissions & Immunity (EMC) Compliance	FCC PART 15, ANSI C63.4, ICES-003
Safety & Grid Connection Compliance	UL1741, UL1741 SA (240V version only), CA Rule 21 (240V version only), IEEE1547, CSA C22.2 No.107.1-01, NEC 2017 690.12, 690.11

* Depending on the local regulations.

**APsystems online Energy Management Analysis (EMA) platform

Specifications subject to change without notice - please ensure you are using the most recent version found at APsystems.com

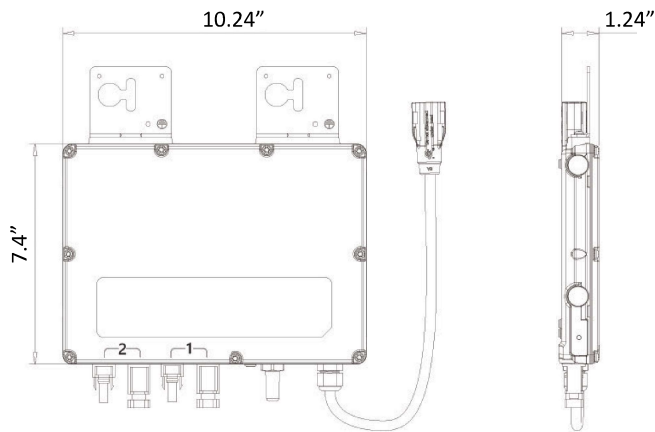
2.11.19 © All Rights Reserved



YC600
Microinverter

- Dual-module microinverter with independent MPPT
- Utility-interactive with Reactive Power Control (RPC)
- CA Rule 21 compliant
- Continuous power of 274VA per channel, 300VA peak
- Accommodates modules from 250-365W+
- Wide MPPT voltage range (22V-48V)
- Meets NEC 2014/2017 690.12 Rapid Shutdown requirements
- ZigBee communication & free monitoring

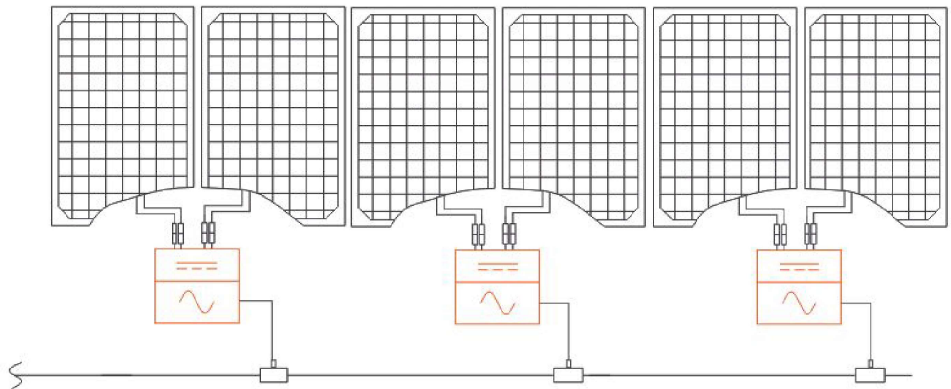
DIMENSIONS



With its groundbreaking design and features, the YC600 is the pinnacle of microinverter technology. A single-phase, smart grid-compliant microinverter, the YC600 serves two modules with dual, independent MPPT. Zigbee wireless communication over a mesh network offers faster data speeds than PLC and a wider MPPT voltage range results in a greater energy harvest for homeowners.

A true utility-interactive microinverter with Reactive Power Control (RPC) technology, the YC600 meets CA Rule 21 requirements and is inherently NEC 2014/2017 Rapid Shutdown compliant. The unit also builds on the successful APsystems line of multi-module microinverters, simplifying installation and reducing logistics costs.

WIRING SCHEMATIC

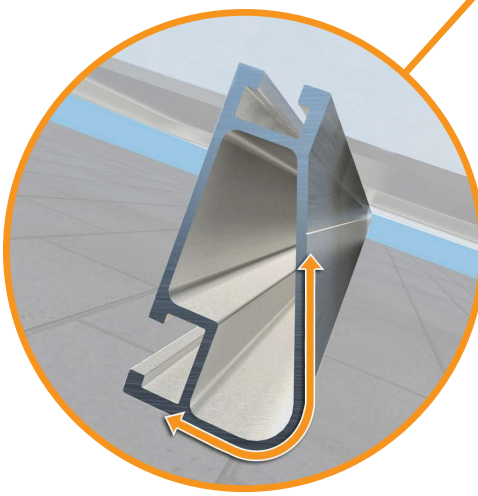
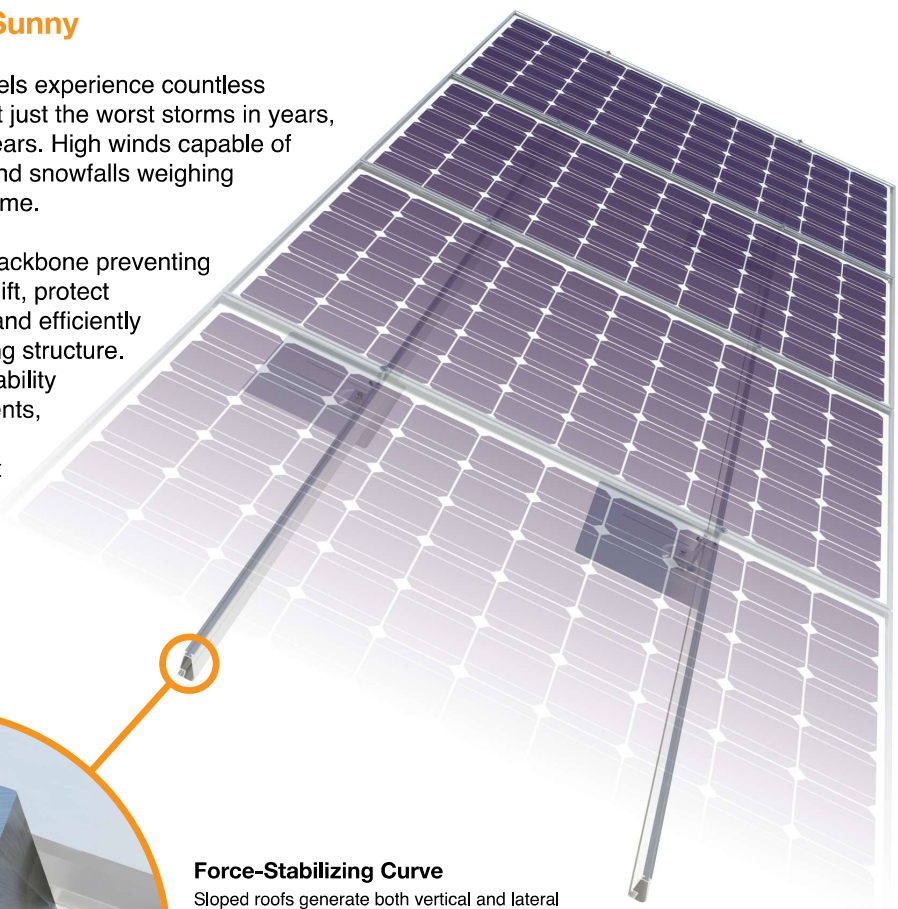


XR Rail Family

Solar Is Not Always Sunny

Over their lifetime, solar panels experience countless extreme weather events. Not just the worst storms in years, but the worst storms in 40 years. High winds capable of ripping panels from a roof, and snowfalls weighing enough to buckle a panel frame.

XR Rails are the structural backbone preventing these results. They resist uplift, protect against buckling and safely and efficiently transfer loads into the building structure. Their superior spanning capability requires fewer roof attachments, reducing the number of roof penetrations and the amount of installation time.



Force-Stabilizing Curve
Sloped roofs generate both vertical and lateral forces on mounting rails which can cause them to bend and twist. The curved shape of XR Rails is specially designed to increase strength in both directions while resisting the twisting. This unique feature ensures greater security during extreme weather and a longer system lifetime.

Compatible with Flat & Pitched Roofs



XR Rails are compatible with FlashFoot and other pitched roof attachments.



IronRidge offers a range of tilt leg options for flat roof mounting applications.

Corrosion-Resistant Materials

All XR Rails are made of 6000-series aluminum alloy, then protected with an anodized finish. Anodizing prevents surface and structural corrosion, while also providing a more attractive appearance.



XR Rail Family

The XR Rail Family offers the strength of a curved rail in three targeted sizes. Each size supports specific design loads, while minimizing material costs. Depending on your location, there is an XR Rail to match.



XR10

XR10 is a sleek, low-profile mounting rail, designed for regions with light or no snow. It achieves spans up to 6 feet, while remaining light and economical.

- 6' spanning capability
- Moderate load capability
- Clear & black anodized finish
- Internal splices available



XR100

XR100 is the ultimate residential mounting rail. It supports a range of wind and snow conditions, while also maximizing spans up to 10 feet.

- 10' spanning capability
- Heavy load capability
- Clear & black anodized finish
- Internal splices available



XR1000

XR1000 is a heavyweight among solar mounting rails. It's built to handle extreme climates and spans up to 12 feet for commercial applications.

- 12' spanning capability
- Extreme load capability
- Clear anodized finish
- Internal splices available

Rail Selection

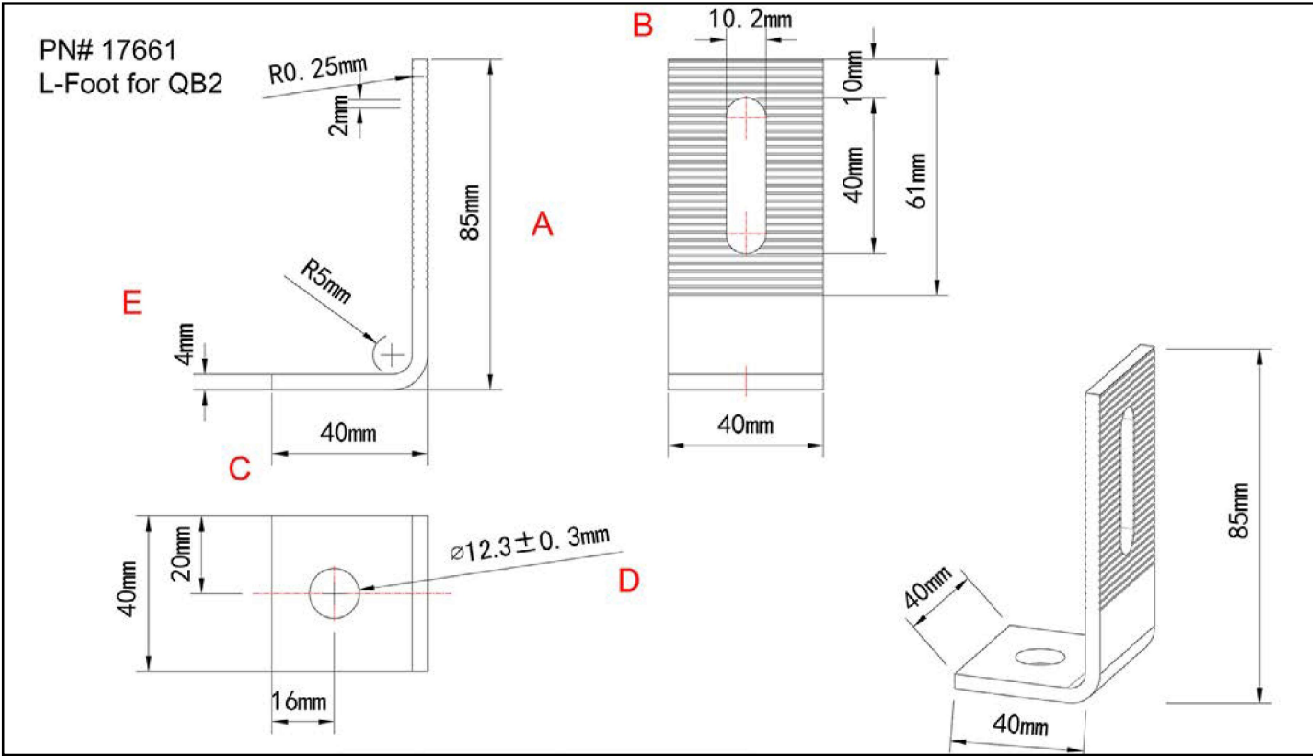
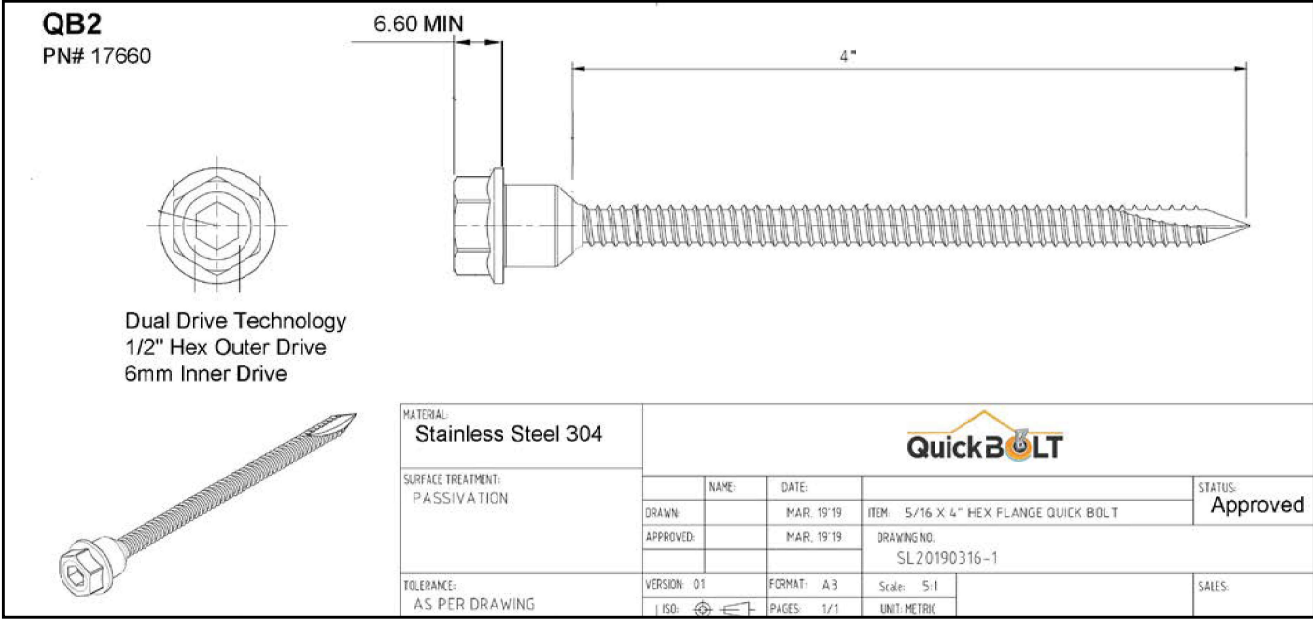
The table below was prepared in compliance with applicable engineering codes and standards.* Values are based on the following criteria: ASCE 7-16, Gable Roof Flush Mount, Roof Zones 1 & 2e, Exposure B, Roof Slope of 8 to 20 degrees and Mean Building Height of 30 ft. Visit IronRidge.com for detailed certification letters.

Load		Rail Span					
Snow (PSF)	Wind (MPH)	4'	5' 4"	6'	8'	10'	12'
None	90	XR10		XR100		XR1000	
	120						
	140						
	160						
20	90						
	120						
	140						
	160						
30	90						
	160						
40	90						
	160						
80	160						
120	160						

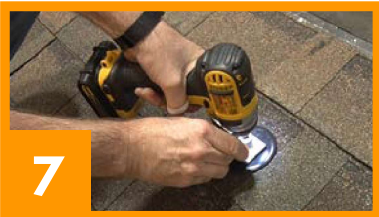
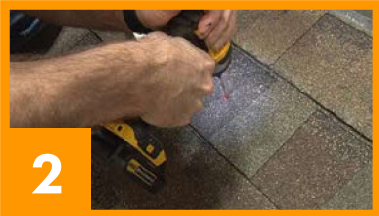
*Table is meant to be a simplified span chart for conveying general rail capabilities. Use approved certification letters for actual design guidance.

SPEC SHEET

Part #	Box Quantity
17660	4" QB2 (25)
17662	3" Microflashing® (25); 4" QB2 (25); L-Foot (25)



INSTALL INSTRUCTIONS



QB2 (17662)

RECOMMENDED MATERIALS

- Tools to locate and mark rafter
- Drill with a 15/64" drill bit
- MFG approved sealant (optional)
- 1/2" Nut Setter

INSTALLATION INSTRUCTIONS

1. Locate and mark the rafter
2. Predrill the hole
3. Optional: Fill the predrilled hole with MFG approved sealant
4. Optional: Place a ring of sealant around the bottom of the Microflashing® washer
5. Place the Microflashing®
6. Insert the Bolt into the L-Foot
7. Drive the Bolt until the Microflashing® is compressed



BUILDING CODE LETTER



February 26, 2019

To whom this may concern,

QuickBOLT is committed to excellence. The parts tested are durable goods, meaning the material composition and detailed specifications of the parts do not change. Therefore, all stamps are current. Any part tested will have the same results no matter what year the tests are performed.

SolarRoofHook is the previous name of QuickBOLT. Any test result referencing SolarRoofHook is referring to a QuickBOLT product.

All our parts were tested by a third-party test facility, in possession of a current engineering license for the state where the tests were performed for the following.

1. Uplift test
2. Downward load test
3. Lateral Test – Asphalt Mounts, and Metal Mounts only
4. ASTM E2440 and ASTM E330 Waterproof Tests - QuickBOLT only

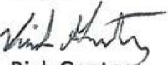
The following is an excerpt from:

CALIFORNIA BOARD FOR PROFESSIONAL ENGINEERS AND LAND SURVEYORS
guide to Engineering & Land Surveying for City and County Officials
Page 12, Line 27

27. If the license has expired between the time the engineering documents were prepared and the time when the local agency's review is performed, do the documents need to be re-sealed by a licensee with a current license? (B&P Code §§ 6733, 6735, 6735.3, 6735.4)

As long as the license was current at the time the engineering documents were prepared, the documents do not need to be re-sealed prior to review by the local agency. However, any changes (updates or modifications) to the documents that are made following the review by the local agency would have to be prepared by a licensed engineer with a current license and those changes would have to be signed and sealed.

We trust the information provided will resolve any request for the test reports submitted to have a stamp from the current year.

Regards,

Rick Gentry
Executive Vice President

CERTIFICATE OF COMPLIANCE

Certificate Number 20191115-E493748
Report Reference E493748-20170817
Issue Date 2019-NOVEMBER-15

Issued to: QUICKBOLT A DIVISION OF QUICKSCREWS INTERNATIONAL CORP
5830 Las Positas Rd
Livermore, CA 94551

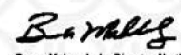
This is to certify that representative samples of COMPONENT - MOUNTING SYSTEMS, MOUNTING DEVICES, CLAMPING DEVICES AND GROUND LUGS FOR USE WITH PHOTOVOLTAIC MODULES AND PANELS (See Adendum for Additional Information.)

Have been investigated by UL in accordance with the component requirements in the Standard(s) indicated on this Certificate. UL Recognized components are incomplete in certain constructional features or restricted in performance capabilities and are intended for installation in complete equipment submitted for investigation to UL LLC.

Standard(s) for Safety: UL 2703 Standard for Mounting Systems, Mounting Devices, Clamping/Retention Devices, and Ground Lugs for Use with Flat-Plate Photovoltaic Modules and Panels.

Additional Information: See the UL Online Certifications Directory at www.ul.com/database for additional information

This Certificate of Compliance does not provide authorization to apply the UL Recognized Component Mark.
Only those products bearing the UL Recognized Component Mark should be considered as being UL Certified and covered under UL's Follow-Up Services.
Look for the UL Recognized Component Mark on the product.


Bruce Mahrenholz, Director North American Certification Program
UL LLC

Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL. For questions, please contact a local UL Customer Service Representative at <http://ul.com/about/locations/>



CERTIFICATE OF COMPLIANCE

Certificate Number 20191115-E493748
Report Reference E493748-20170817
Issue Date 2019-NOVEMBER-15

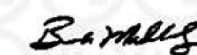
This is to certify that representative samples of the product as specified on this certificate were tested according to the current UL requirements.

Addendum -

Models/Product

USR – Component, Roof Mounting Hook Units, Models 15891 15893 15987 16000 16988 16990 16991 16993 17508 17509 17510 17511 17512 17513 17514 17515 17516 17517 17518 17519 17520 17521 17522 17523 17524 17525 17526 17527 17536 17537 17538 17539 17540 17541 17542 17543 17544 17545 17546 17547 17548 17549 17550 17551 17552 17553 17554 17555 17556 17558 17559 17560 17568 17569 17570 17571 17572 17573 17574 17575 17576 17577 17578 17579 17580 17585 17586 17587 17588 17589 17592 17596 17600 17601 17606 17607 17608 17609 17610 17611 17612 17613 17614 17615 17616 17617 17618 17620 17621 17622 17623 17624 17625 17626 17627 17628 17629 17630 17631 17632 17633 17636 17637 17638 17639 17642 17643 17646 17647 17648 17649 17650 17651 17659 17664 17667 17669 17670 17671 17672 17673 17678 17679 17680 17681 17686 17687 17688 17689 17700 17701 17702 17703 17704 17705 17706 17707 17708 17709 17710 17711 17712 17717 17718 17759 15891-10 15891BLK-10 15987A 15987B 17667SS 17672SS 17680SS 17688SS 17713SS 17720 17721SS 17723 17724SS 17726 17727SS 17729 17730SS 15894SS 15891SS 15987BSS 17660 17661 17662 17663

Ratings: Overcurrent Protection Rating – 25 Amps


Bruce Mahrenholz, Director North American Certification Program
UL LLC

Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL. For questions, please contact a local UL Customer Service Representative at <http://ul.com/about/locations/>



U1783-O-KK



Catalog Number	U1783-O-KK
Marketing Product Description	4 Terminal Ringless Plain Top Horn Bypass 2 Position Single Pedestal Direct Bury
UPC	784572134287
Length (IN)	4.5
Width (IN)	8.188
Height (IN)	74
Brand Name	Milbank
Type	Ringless Meter Socket
Application	Meter Socket
Standard	UL Listed;Type 3R
Voltage Rating	Up to 240 Volts Alternating Current
Amperage Rating	200 Continuous Ampere
Phase	1 Phase
Frequency Rating	60 Hertz
Size	4.5L x 8.188W x 74H
Number Of Cutouts	0
Cutout Size	No Main Breaker
Cable Entry	Underground
Terminal	Single Mechanical
Insulation	Glass Polyester
Mounting	Pedestal

Enclosure G90 Galvanized Steel with
Powder Coat Finish

Jaw Quantity 4 Terminal

Bypass Type Horn Bypass

Number of Meter Positions 2 Positions

Equipment Ground 2 Barrel Ground Lug

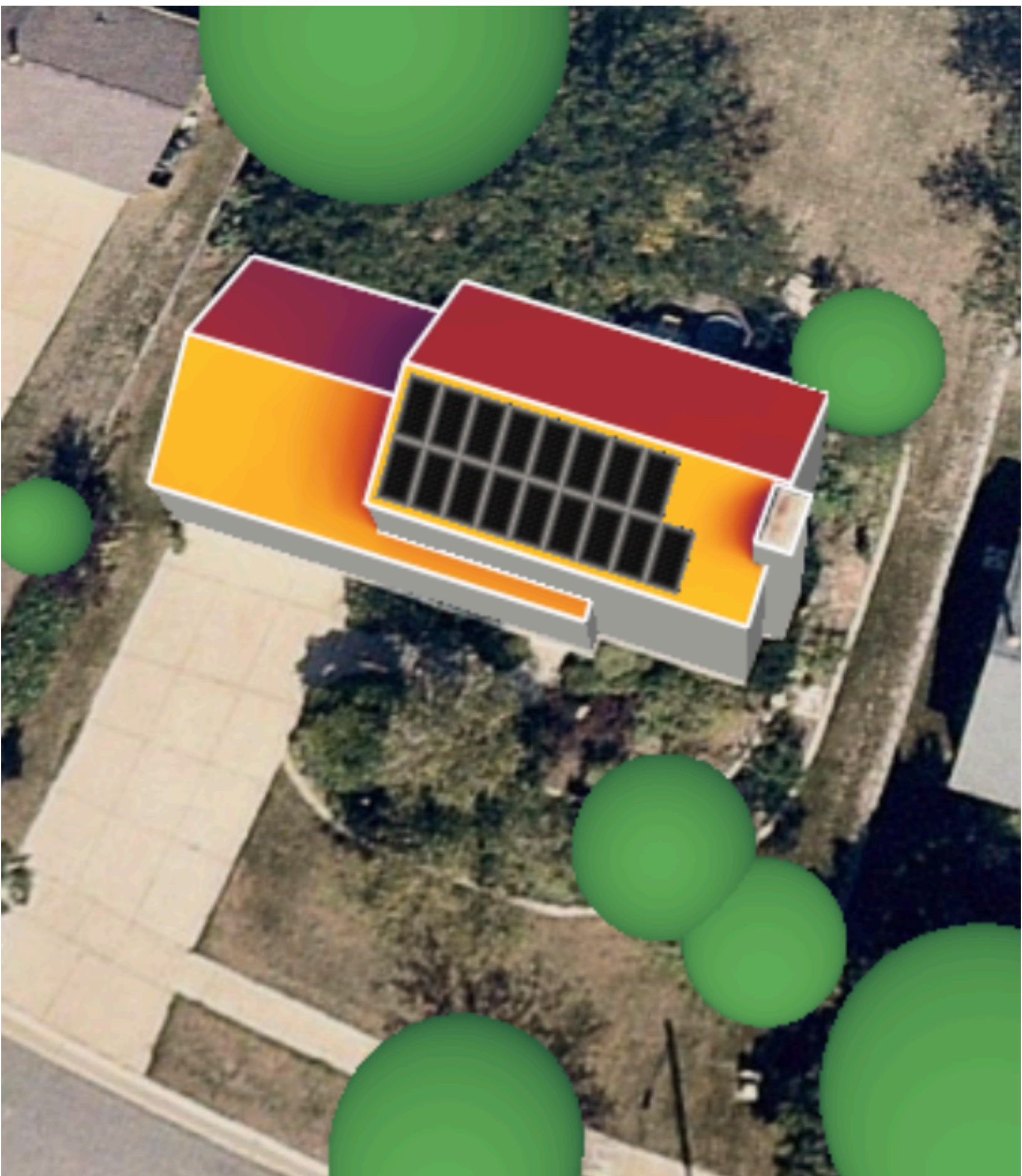
Hub Opening Plain Top

Line Side Wire Range 6 AWG - 350 kcmil

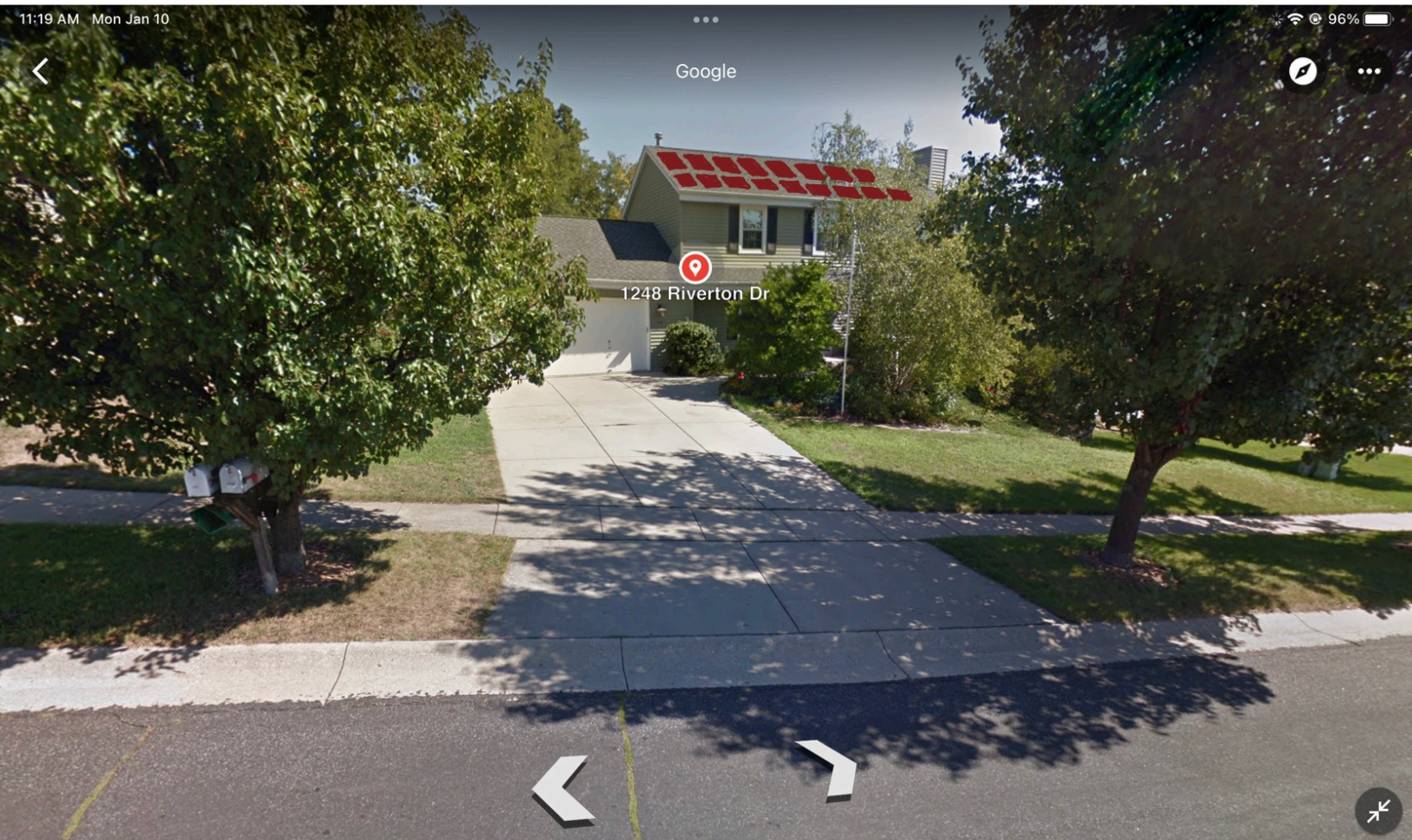
Load Side Wire Range 6 AWG - 350 kcmil

Number Of Receptacles 0

Please consult serving utility for their requirements prior to ordering or installing, as specifications and approvals vary by utility and may require local electrical inspector approval. All installations must be installed by a licensed electrician and must comply with all national and local codes, laws and regulations. Milbank reserves the right to make changes in specifications and features shown without notice or obligation.



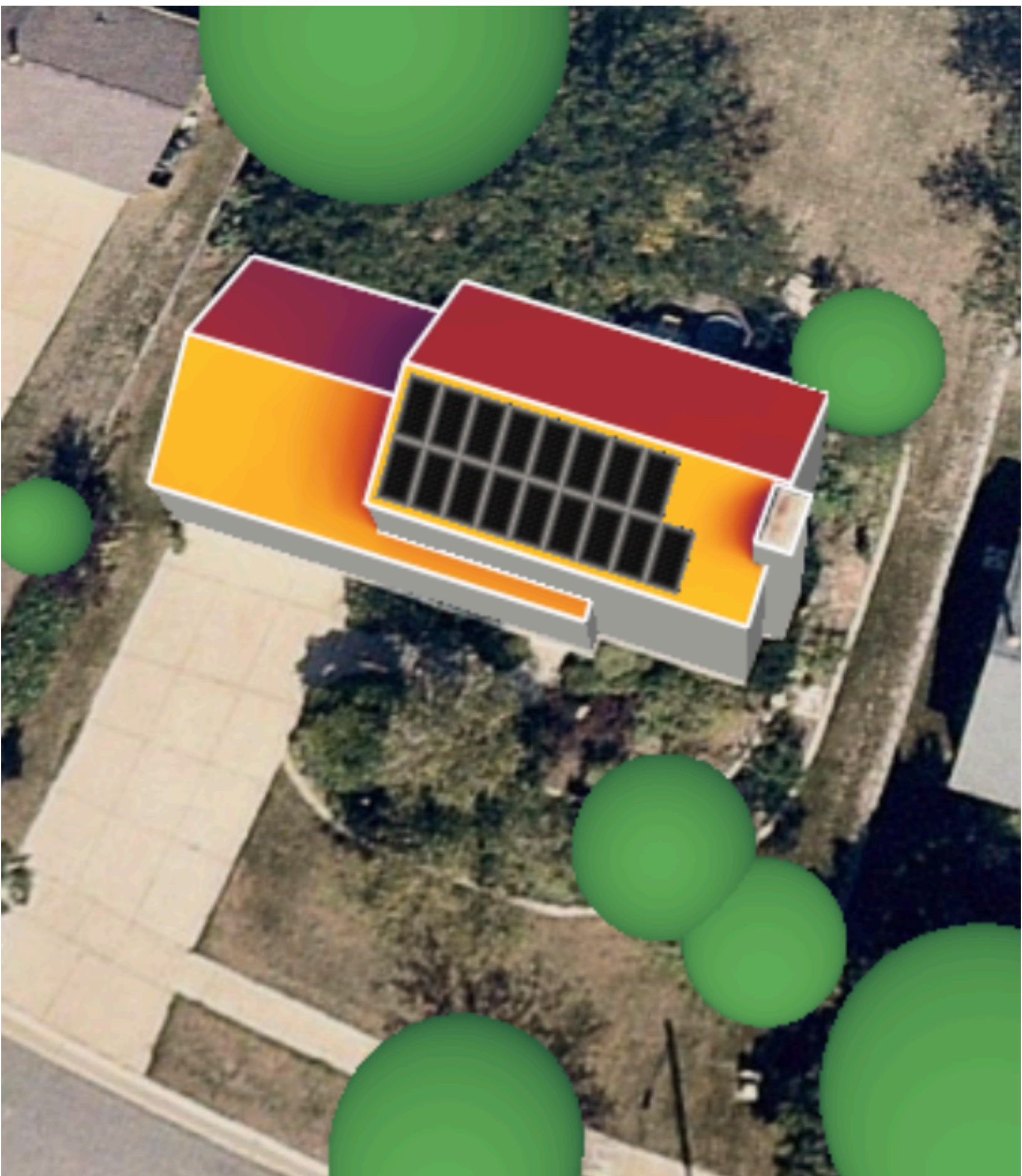




1248 Riverton Dr
1248 Riverton Dr, Mukwonago, WI 53149
Building







**VILLAGE OF MUKWONAGO
WAUKESHA AND WALWORTH COUNTIES**

RESOLUTION NO. 2022-12

**A RESOLUTION FOR SITE PLAN AND ARCHITECTURAL REVIEW FOR ALEXANDRIA
LESCHER, 1248 RIVERTON DRIVE, PARCEL MUKV 1965-040-001.**

WHEREAS, pursuant to Section 100-601, and 100-153 of the Zoning Code, an application for a site plan and architectural review has been filed for the approval for an additional and building and site modifications, which application was filed in the office of the Village Clerk, Village of Mukwonago, Wisconsin, and

WHEREAS, the application has been submitted by the ALEXANDRIA LESCHER

WHEREAS, the use is permitted within the R-2 Single Family Village Residential District in which the subject property is located, and

WHEREAS, the plan of operation and plans have been reviewed and recommended by the Village Plan Commission.

NOW, THEREFORE, BE IT RESOLVED by the Village Board of the Village of Mukwonago, Wisconsin hereby approves the site plan and architectural review for structures at 1248 RIVERTON DR, based upon the plan of operation and plans submitted to the Village.

NOW, THEREFORE, BE IT FURTHER RESOLVED this site plan and architectural review approval shall be subject to the following conditions:

1. Prior to any land disturbing activity, the applicant must submit a complete and final set of plans to the Building Inspections Office. All Village department heads must verify in writing whether they have approved the final plans within their purview. Any outstanding matters must be resolved to staff's satisfaction.
2. Prior to any land-disturbing activity, the applicant must reimburse the Village for any outstanding charges and establish an escrow account with the Village as may be required.
3. The applicant must obtain all required building permits within nine months of this date, and start construction within six months of the date of building permit issuance and continue in good faith to completion.
4. All work related to this project must comply with all project plans approved by the Village.
5. The developer must comply with all requirements related to impact fees imposed by the Village.
6. The developer shall comply with all parts of the Municipal Code as it relates to this project.
7. If the approved plans need to be revised to address any of the conditions of approval or to conform to Building and Fire Safety Codes, the Zoning Administrator and the Supervisor of Inspections are authorized to approve minor modifications so long as the overall project elements remain unchanged. If they determine that the revision is substantial, the plans must be submitted to the Plan Commission for review and approval.

8. Any future modification as required by ordinance, standards, or policy shall require an update to this site plan and architectural review.

NOW THEREFORE BE IT RESOLVED, that the Village of Mukwonago,

Approved and Adopted this 16th day of February 2022 by the Village Board of the Village of Mukwonago, Wisconsin.

APPROVED:

Fred H. Winchowky, Village President

ATTESTATION:

Diana Dykstra, MMC
Village Clerk-Treasurer



PLANNING COMMISSION

February 8, 2022 at 6:30pm
Mukwonago, WI

SITE PLAN AND ARCHITECTURAL REVIEW AND CONDITIONAL USE PERMIT

1222 Riverton
Parcel Number: MUKV 1965-052

Case Summary

Parcel Data

Proposal:	Solar Panels
Applicant:	JAMES L WAGNITZ
Request:	Site Plan and Architectural Review
Staff Recommendation:	Approve with Conditions

Parcel Characteristics / Conditions

Acreage:	0.39 acres
Current Use:	Single Family
Proposed Use:	Single Family
Reason for Request:	Solar Panels visible from public right of way
Land Use Classification:	Historic Residential – 12,000 Sq. Ft.
Zoning Classification:	R-2 Single Family Village Residential District
Census Tract:	2039.02

Site Plan and Architectural Review Request

Architectural/ Site Review

Site Modifications

The applicant is proposing to add solar panels onto their existing single-family home. The municipal code requires planning commission approval prior to issuance of a building permit. The code also requires solar panels to be screen from street view. Section 100-102 (2) c.

Utilities

No modifications at this time.

Stormwater Management

No modifications at this time.

Wetlands

None

Signage

No modifications at this time.

Parking

No modifications at this time.

Landscaping

No modifications at this time.

Trash Enclosure

No modifications at this time.

Fencing

No modifications at this time.

Outdoor Lighting

No modifications at this time.

Misc. Performance Standards

None

Staff Review

Engineering	No concerns at this time
Public Works	No concerns at this time
Utilities	No concerns at this time
Police	No concerns at this time
Fire	No concerns at this time
Building Inspection	No concerns at this time
Planning	No concerns at this time

Recommendation

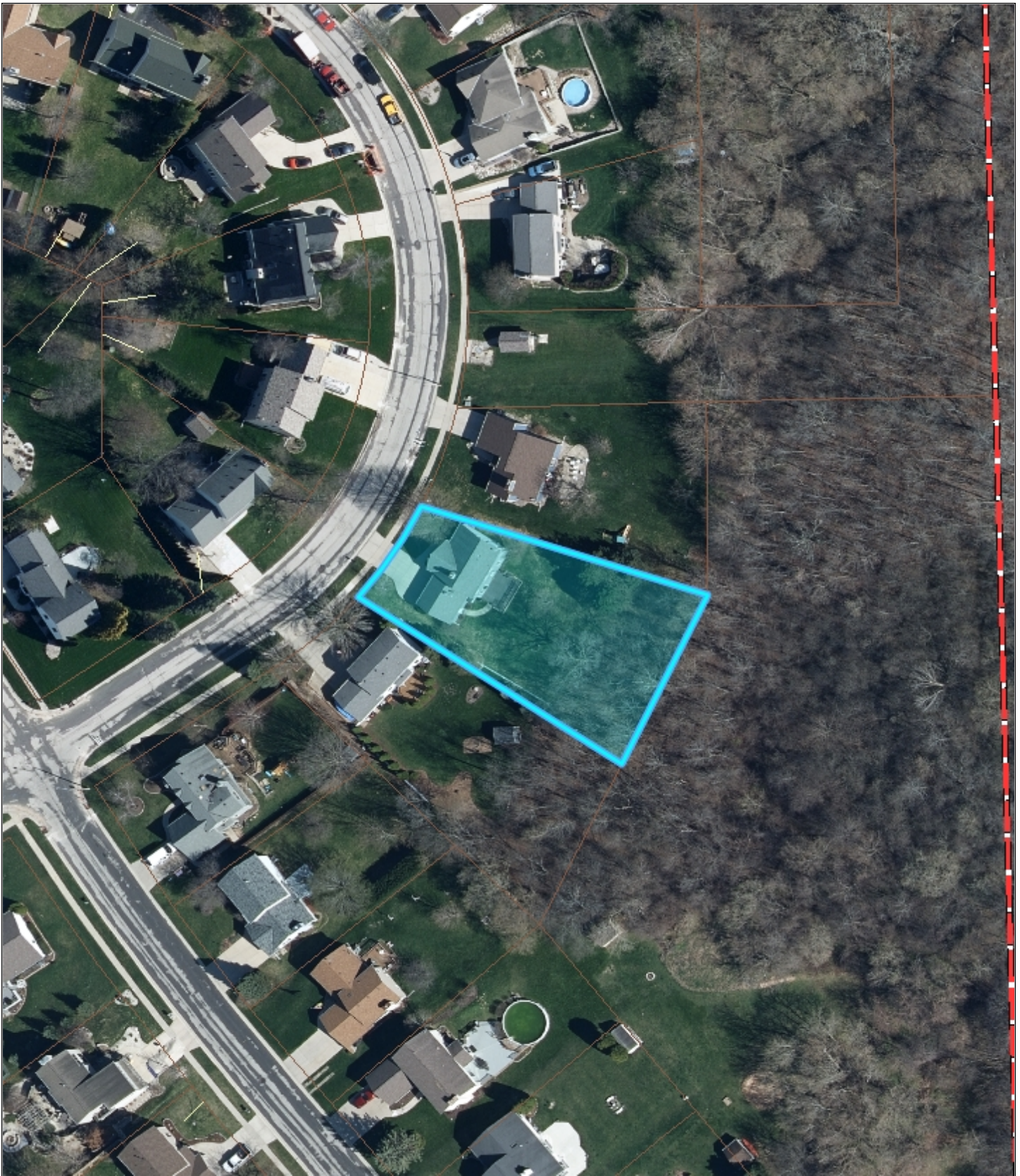
Site Plan and Architectural Review

Staff recommends the Planning Commission Approve a resolution for the Site Plan and Architectural Review, as set forth in the attached resolution.

1. Prior to any land disturbing activity, the applicant must submit a complete and final set of plans to the Building Inspections Office. All Village department heads must verify in writing whether they have approved the final plans within their purview. Any outstanding matters must be resolved to staff's satisfaction.
2. Prior to any land-disturbing activity, the applicant must reimburse the Village for any outstanding charges and establish an escrow account with the Village as may be required.
3. The applicant must obtain all required building permits within nine months of this date, and start construction within six months of the date of building permit issuance and continue in good faith to completion.
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7. If the approved plans need to be revised to address any of the conditions of approval or to conform to Building and Fire Safety Codes, the Zoning Administrator and the Supervisor of Inspections are authorized to approve minor modifications so long as the overall project elements remain unchanged. If they determine that the revision is substantial, the plans must be submitted to the Plan Commission for review and approval.
8. Any future modification as required by ordinance, standards, or policy shall require an update to this site plan and architectural review.

Attachments

- | | | |
|---------|----------|---------------|
| 1. Maps | 2. Plans | 3. Resolution |
|---------|----------|---------------|



Village of Mukwonago GIS
Aerial

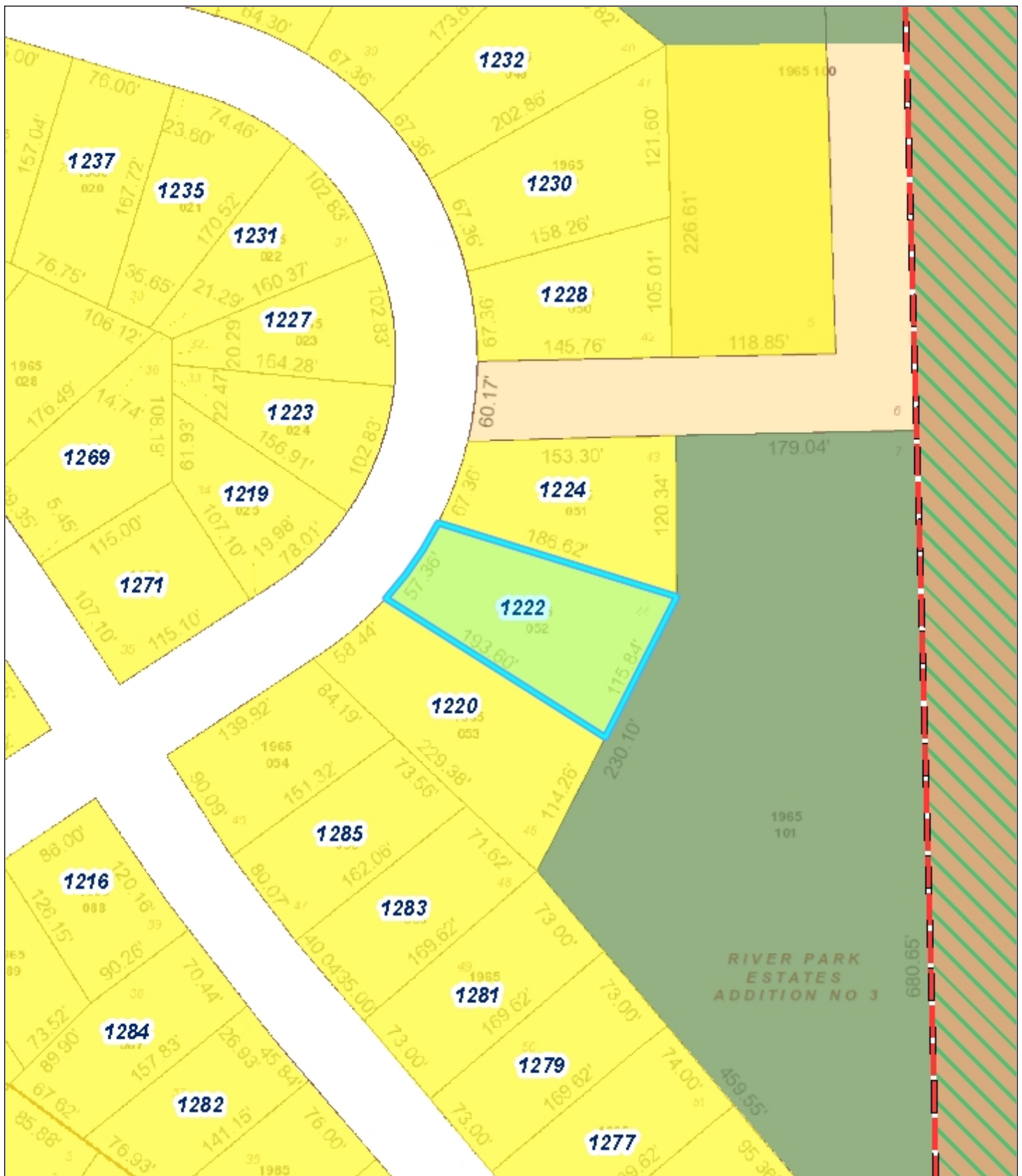
DISCLAIMER: The Village of Mukwonago does not guarantee the accuracy of the material contained here in and is not responsible for any misuse or misrepresentation of this information or its derivatives.



SCALE: 1" = 83 '

VILLAGE OF MUKWONAGO
440 River Crest Court
PO Box 206
Mukwonago, WI 53149
262-363-6420

Print Date: 1/18/2022



Village of Mukwonago GIS Land Use

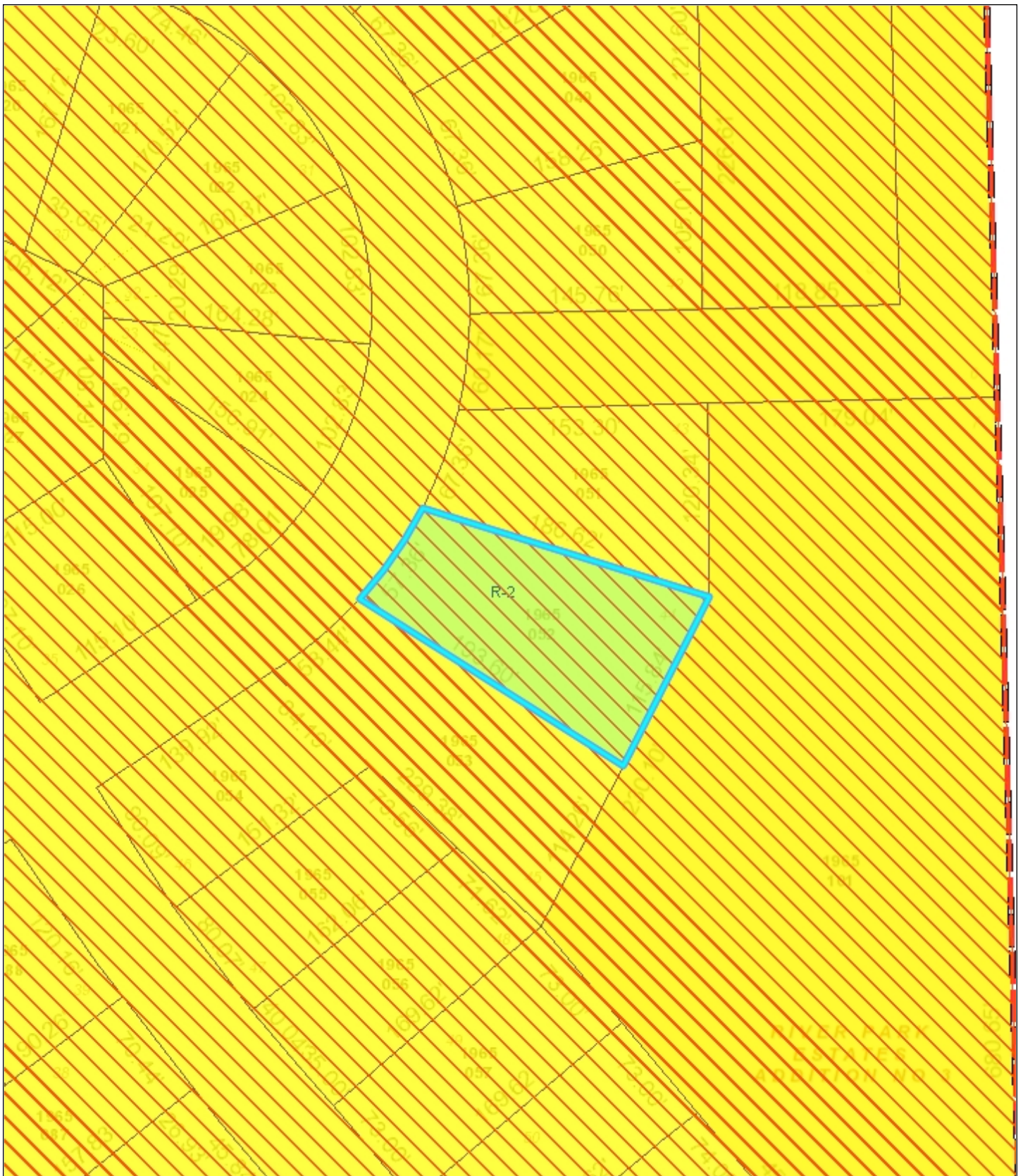
DISCLAIMER: The Village of Mukwonago does not guarantee the accuracy of the material contained here in and is not responsible for any misuse or misrepresentation of this information or its derivatives.



SCALE: 1" = 100'

VILLAGE OF MUKWONAGO
440 River Crest Court
PO Box 206
Mukwonago, WI 53149
262-363-6420

Print Date: 1/18/2022



Village of Mukwonago GIS

Zoning

DISCLAIMER: The Village of Mukwonago does not guarantee the accuracy of the material contained here in and is not responsible for any misuse or misrepresentation of this information or its derivatives.



SCALE: 1" = 83'

VILLAGE OF MUKWONAGO
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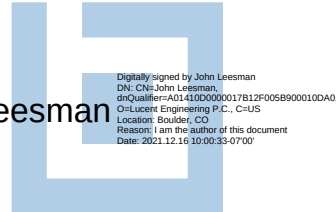
Print Date: 1/18/2022

December 16, 2021

Everlight Solar
 PO Box 930550
 Verona, WI 53593

RE: Engineering Services
 Wagnitz Residence
 1222 Riverton Dr, Mukwonago, WI
 4.38 kW System
 Solo Job #1737800

John Leesman



To Whom It May Concern,

We have reviewed the following information regarding the solar panel installation for this project. Alterations to these documents or plans shall not be made without direct written consent of the Engineer of Record.

A. Assumptions from Field Observation provided by Everlight Solar

The following structural design regarding the proposed alterations have been prepared from these assumptions. The verification of the field observations is the responsibility of the contractor. **Prior to commencement of work, the contractor shall verify the framing sizes, spacings, and spans noted in the sealed plans, calculations, and/or certification letter and notify the Engineer of Record of any discrepancies.**

	<u>Roof A</u>	<u>Roof B</u>
Roof Finish :	Asphalt Shingle	Asphalt Shingle
Roof Underlayment :	OSB	OSB
Roof Profile :	Gable	Gable
Roof Structural System :	Rafter	Rafter
Truss Top Chord/Setup :	2 x 8 / Rafter	2 x 8 / Rafter
Chord/Rafter Wood Grade :	Doug-Fir #1 or better	Doug-Fir #1 or better
Truss/Rafter Spacing :	16" o.c.	24" o.c.
Roof Slope :	23 deg	40 deg
Max Top Chord/Rafter Span :	14.64 ft	10.44 ft
Bearing Wall Type :	Convl Lt-Frame Constr	CLFC
Foundation :	Permanent Concrete	Permanent Concrete
Stories :	Single	Single

B. Building Design Criteria

Code :	Wisc. UDC (ASCE 7-10)	Risk Category :	II
Roof Live Load :	20 psf (0 psf at panels)	Occupancy Class :	R-3
Min. Roof Snow Load :	30 psf	Roof Dead Load :	7.2 psf
Ult Wind Speed :	115 mph	PV Dead Load :	<u>3 psf</u>
Exposure Category :	C	Total Dead Load :	10.2 psf

C. Summary of Existing Structure Results

Roof A & B

After review of the field observations and based on our calculations and in accordance with the applicable building codes and current industry standards, the existing roof structure supporting the proposed alterations consisting of the solar array has been determined to be:

- Adequate to support the additional imposed loads. **No structural upgrades are required.**

D. Solar Panel Support Bracket Anchorage

1. Solar panels shall be designed, mounted, and installed in accordance with the most recent "Quickbolt Manual", which can be found on the Quickbolt website (<http://quickbolt.com>).
2. Manufacturer's Panel Bracket Connection to Roof Chord/Rafter Member:

Fastener : (1) 5/16" Lag Screw per Bracket
NDS Withdrawl Value : 266 lbs/inch
Min. Thread Length and Penetration Depth : 2.5"

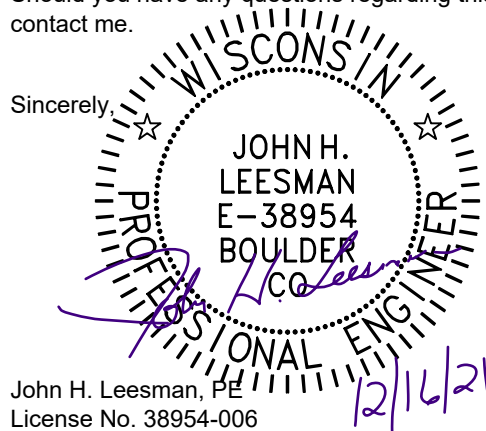
3. Considering the existing roof's slope, size, spacing, condition, and calculated loads, the panel bracket supports shall be placed no greater than 48 in. o/c.
4. Panel supports connections shall be staggered to distribute load to adjacent trusses.

E. Overall Summary

Based on the information supplied to us at the time of this report, on the evaluation of the existing structure, and solar array panel bracket connection, it is our opinion that the roof system will adequately support the additional loads imposed by the solar array. This evaluation conforms to Wisc. UDC and current industry standards.

Should you have any questions regarding this letter or if you require further information, do not hesitate to contact me.

Sincerely,



John H. Leesman, PE
License No. 38954-006

Limits of Scope of Work and Liability

The existing structure is assumed to have been designed and constructed following appropriate codes at the time of erection and assumed to have appropriated permits. The calculations performed are only for the roof framing supporting the solar array installation referenced in the stamped plans and were completed according to generally recognized structural analysis standards and procedures, professional engineering, and design experience opinions and judgements. Existing deficiencies which are unknown or were not observed during the time the site observation are not included in this scope of work. All solar panel modules, racking, and mounting equipment shall be designed and installed per the manufacturer's approved installation specifications. The Engineer of Record and the engineering consulting firm assume no responsibility for misuse or improper installation. This analysis is not stamped for water leakage. Framing was determined on information in provided plans and/or photos, along with engineering judgement. Prior to commencement of work, the contractor shall verify the framing sizes, spacings, and spans noted in the stamped plans, calculations, and/or certification letter and notify the Engineer of Record of any discrepancies prior to starting construction. If during solar panel installation, the roof framing members appear unstable or deflect non-uniformly, our office should be notified before proceeding with the installation. The contractor shall also verify that there are no damage/deficiencies (i.e., dry rot, water damage, termite damage, framing member/connection damage, etc.) to framing that was not addressed in the stamped plans, calculations, and/or certification letter and notify the Engineer of Record of any concerns prior to starting construction.

AERIAL VIEW:



STREET VIEW:



CONTRACTOR INFORMATION:

Everlight Solar Construction
PO Box 930550
Verona, WI 53593
License# DCQ-111802116
833.786.4387 ext. 701

SITE INFORMATION

Jim Wagnitz
1222 Riverton Dr
Mukwonago, WI 53149
AC SYSTEM SIZE: 4.384 kW AC
DC SYSTEM SIZE: 5.4 kW DC
Lat, 42.8799557
Long, -88.3122945
(15) Silfab SIL-360 NX mono PERC PV
MODULES
(8) AP Systems YC600 INVERTER(S)

We Energies

GENERAL NOTES

1. INSTALLATION OF SOLAR PHOTOVOLTAIC SYSTEM SHALL BE IN ACCORDANCE WITH NEC ARTICLE 690, AND ALL OTHER APPLICABLE NEC CODES WHERE NOTED OR EXISTING.
2. PROPER ACCESS AND WORKING CLEARANCE AROUND EXISTING AND PROPOSED ELECTRICAL EQUIPMENT WILL COMPLY WITH NEC ARTICLE 110.
3. ALL WIRES, INCLUDING THE GROUNDING ELECTRODE CONDUCTOR SHALL BE PROTECTED FROM PHYSICAL DAMAGE IN ACCORDANCE WITH NEC ARTICLE 250
4. THE PV MODULES ARE CONSIDERED NON-COMBUSTIBLE; THIS SYSTEM IS UTILITY INTERACTIVE PER UL 1741 AND DOES NOT INCLUDE STORAGE BATTERIES OR OTHER ALTERNATIVE STORAGE SOURCES.
5. ALL DC WIRES SHALL BE SIZED ACCORDING TO [NEC 690.8]
6. DC CONDUCTORS SHALL BE WITHIN PROTECTED RACEWAYS IN ACCORDANCE WITH [NEC 690.31]
7. ALL SIGNAGE TO BE PLACED IN ACCORDANCE WITH LOCAL JURISDICTIONAL BUILDING CODE.

PHOTOVOLTAIC (PV) SYSTEM SPECIFICATIONS

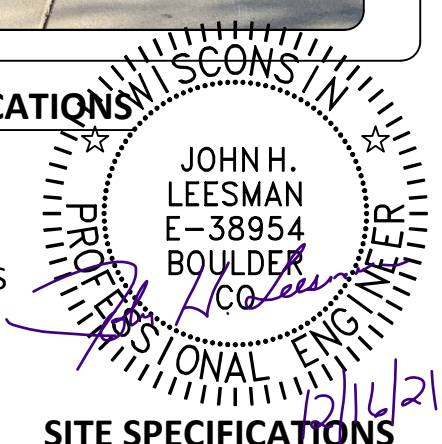
EQUIPMENT:
AC SYSTEM SIZE: 4.384 kW AC
DC SYSTEM SIZE: 5.4 kW DC
(15) Silfab SIL-360 NX mono PERC PV MODULES
(8) AP Systems YC600 INVERTER(S)
RACKING: IronRidge - 48" O.C.

APPLICABLE GOVERNING CODES

2017 NEC/ Wisconsin SPS 316
Wisconsin Uniform Dwelling Code SPS 320-325
SPS 321 Construction Standards

SITE SPECIFICATIONS

OCCUPANCY: R-3
ZONING: RESIDENTIAL



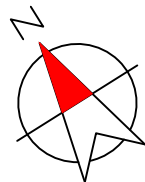
SHEET INDEX:

- PV01 COVER PAGE
- PV02 SITE PLAN
- PV03 ROOF ATTACHMENTS
- PV04 MOUNTING DETAIL
- PV05 LINE DIAGRAM
- PV06 LABELS
- PV07 PLACARD
- PV08 SITE PHOTOS

DRAWN BY: SoloCAD

DATE:
December 15, 2021

COVER PAGE - PV01



Everlight Solar

CONTRACTOR INFORMATION:

Everlight Solar Construction
PO Box 930550
Verona, WI 53593
License# DCQ-111802116
833.786.4387 ext. 701

SITE INFORMATION

Jim Wagnitz

1222 Riverton Dr

Mukwonago, WI 53149

AC SYSTEM SIZE: 4.384 kW AC

DC SYSTEM SIZE: 5.4 kW DC

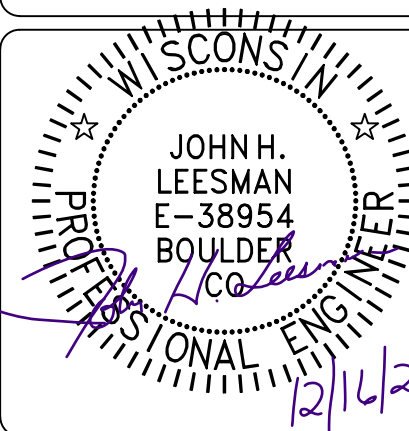
Lat, 42.8799557

Long, -88.3122945

(15) Silfab SIL-360 NX mono PERC PV
MODULES

(8) AP Systems YC600 INVERTER(S)

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EQUIPMENT LEGEND:

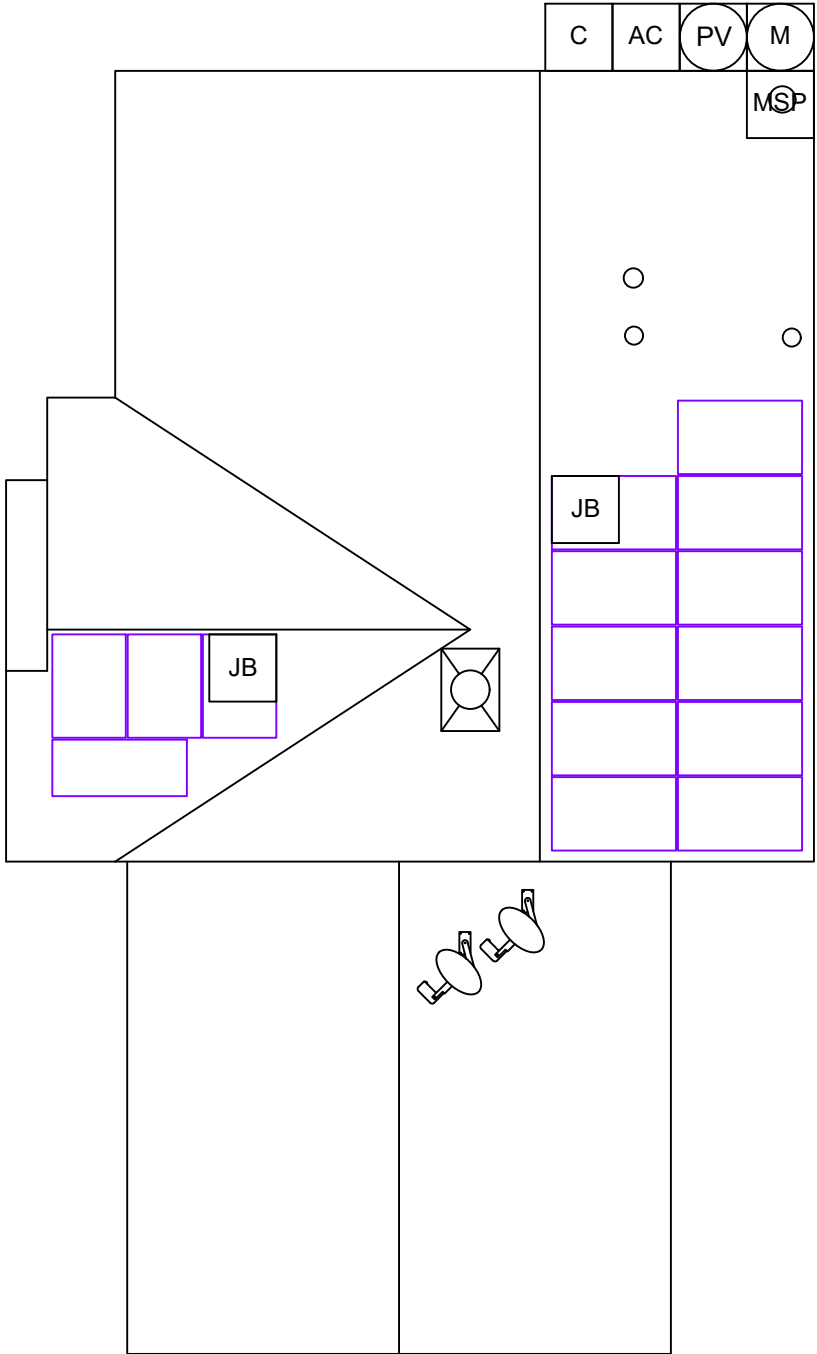
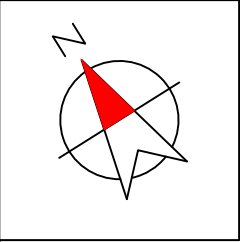
UTILITY METER	VISIBLE, LOCKABLE, LABELED AC DISCONNECT	INVERTER	SUB PANEL	FIRE ACCESS PATHWAY (3' TYP)	BATTERY(IES)
MAIN SERVICE PANEL	METER SOCKET (FOR UTILITY PV METER)	COMBINER BOX	LOAD CENTER	PROPERTY LINE	

VISIBLE, LOCKABLE,
LABELED AC DISCONNECT
LOCATED WITHIN 10'
OF UTILITY METER

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SITE PLAN - PV02



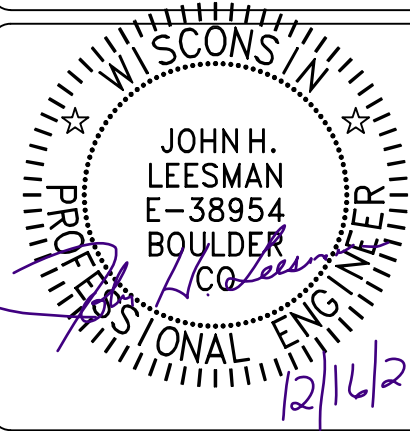
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MODULES
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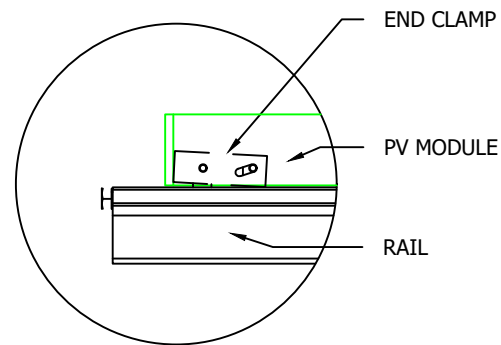


DRAWN BY: SoloCAD

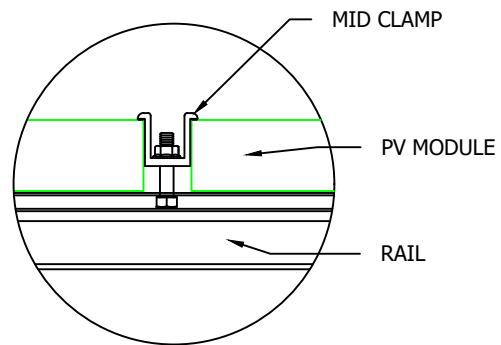
DATE:
December 15, 2021

ROOF ATTACHMENTS - PV03

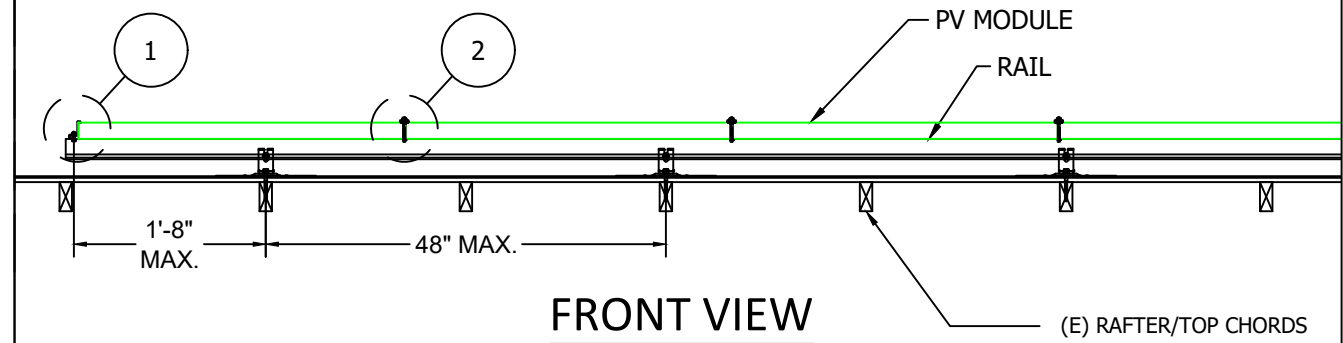
EQUIPMENT INFORMATION:		ROOF INFO:		PHOTOVOLTAIC ARRAY STRUCTURAL CRITERIA:	
RAIL MANUFACTURER	IronRidge	ROOF TYPE	asphalt_shingle	PV MODULE COUNT:	15
RAIL PART NUMBER	XR-10	ROOF FRAMING	traditional_framing	ARRAY AREA:	MODULE COUNT * 18.06ft² = 270.9
ATTACHMENTS	Quickbolt 2 (QB2)	RAFTER/TOP CHORD SIZE	2x8	ROOF AREA:	1800 ft²
ATTACHMENT QTY	32	RAFTER/TOP CHORD SPACING	16"	PERCENT OF ROOF COVERED:	15%
SPLICE QTY	4	ATTACHMENT SPACING	48	ARRAY WEIGHT:	MODULE COUNT * 50lbs = 750
MIDCLAMP QTY	22			DISTRIBUTED LOAD:	ARRAY LBS/ATTACHMENTS = 23.44
ENDCLAMP QTY	16			POINT LOAD: (lbs/ft²)	(ARRAY) WEIGHT/AREA = 2.77 lbs/ft²



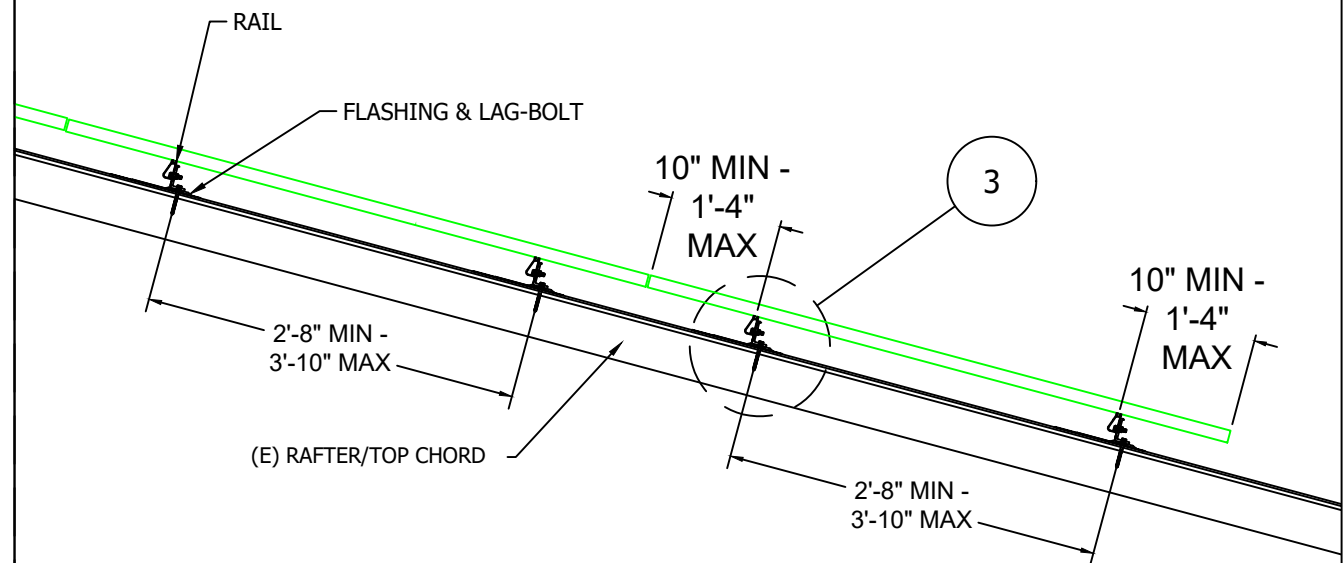
1 END CLAMP DETAILS



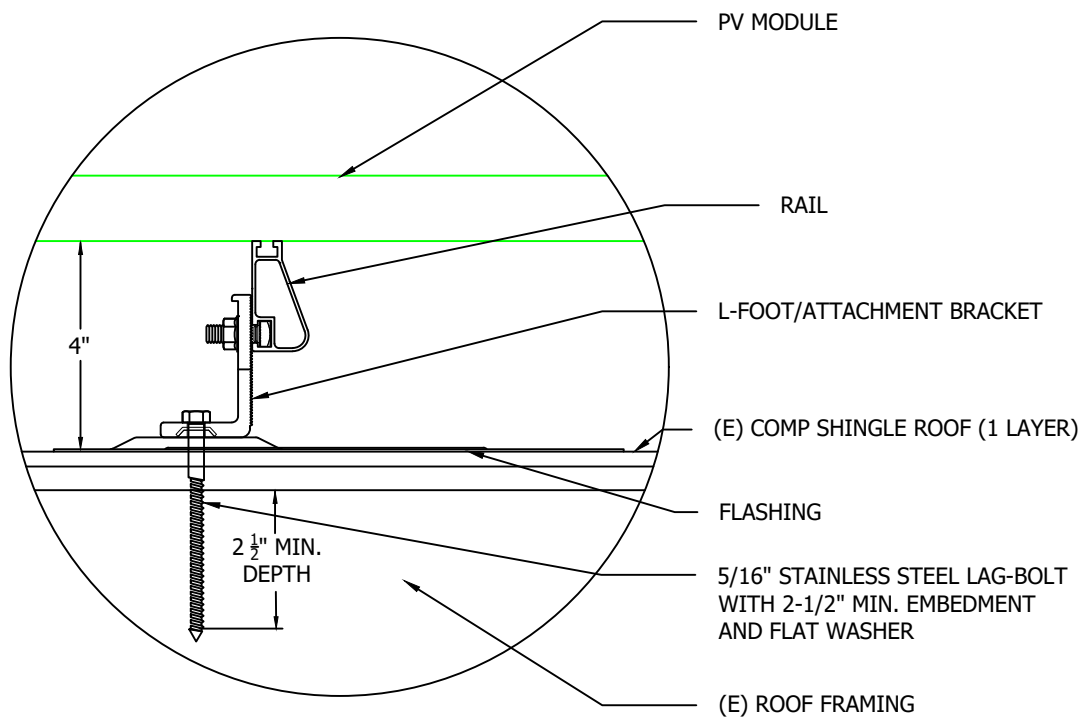
2 MID CLAMP DETAILS



FRONT VIEW



SIDE VIEW



3 DETAIL, MOUNTING AND FLASHING

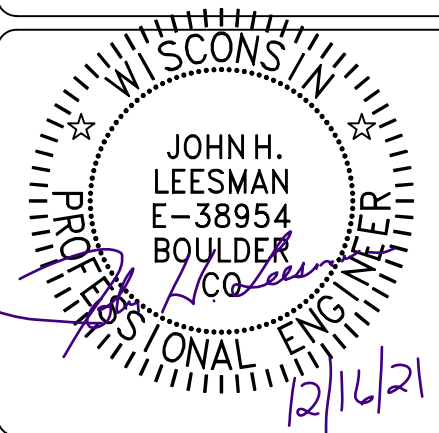


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DATE:
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MOUNTING DETAIL - PV04

EQUIPMENT INFORMATION:

RAIL MANUFACTURER	IronRidge
RAIL PART NUMBER	XR-10
ATTACHMENTS	Quickbolt 2 (QB2)
ATTACHMENT QTY	32
SPLICE QTY	4
MIDCLAMP QTY	22
ENDCLAMP QTY	16

ROOF INFO:

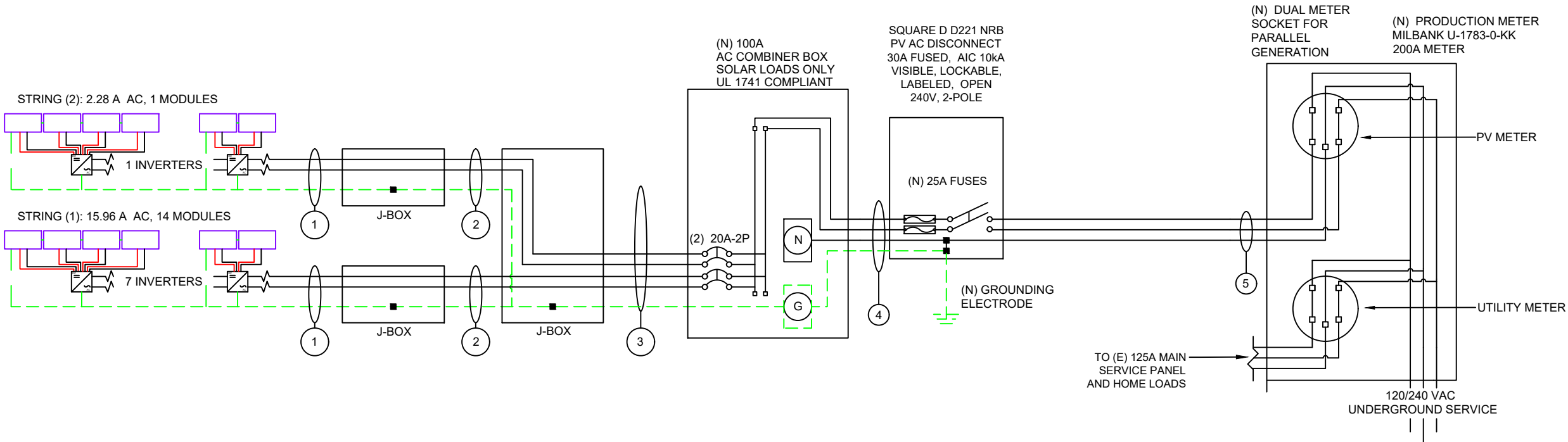
ROOF TYPE	asphalt_shingle
ROOF FRAMING	traditional_framing
RAFTER/TOP CHORD SIZE	2x8
RAFTER/TOP CHORD SPACING	16"
ATTACHMENT SPACING	48

PHOTOVOLTAIC ARRAY STRUCTURAL CRITERIA:

PV MODULE COUNT:	15
ARRAY AREA:	MODULE COUNT * 18.06ft ² = 270.9
ROOF AREA:	1800 ft ²
PERCENT OF ROOF COVERED:	15%
ARRAY WEIGHT:	MODULE COUNT * 50lbs = 750
DISTRIBUTED LOAD:	ARRAY LBS/ATTACHMENTS = 23.44
POINT LOAD: (lbs/ft ²)	(ARRAY) WEIGHT/AREA = 2.77 lbs/ft ²

EQUIPMENT SCHEDULE:			
TYPE:	QTY:	DESCRIPTION:	RATING:
MODULES:	(15)	Silfab SIL-360 NX mono PERC	360 W
INVERTERS:	(8)	AP Systems YC600	548 W
AC DISCONNECT(S):	(1)	PV AC DISCONNECT, 240V, 2-POLE	30A

Conduit & Conductor Schedule									
TAG	WIRE GAUGE	DESCRIPTION	QTY	CONDUIT SIZE	CONDUCTOR RATING	# OF CONDUCTORS DERATE	TEMP. DERATE	CONDUCTOR RATING W/DERATES	CONDUIT FILL
1	12-2	TC-ER, THWN-2, COPPER (L 1, L 2)	(2)	N/A - FREE AIR	30A	N/A - FREE AIR	0.96	28.8A	N/A - FREE AIR
	6 AWG	BARE, COPPER (GROUND)	(1)						
2	10 AWG	THWN-2, or THHN, or 10/2 NM-B COPPER - (L 1, L 2)	(2)	3/4" EMT	40A	1	0.96	38.4A	11.9%
	10 AWG	THWN-2, or THHN, or 10/2 NM-B COPPER - (GROUND)	(1)						
3	10 AWG	THHN/THWN-2, COPPER - (L1, L2)	(4)	3/4" EMT	40A	0.8	0.96	30.72A	19.8%
	10 AWG	THHN/THWN-2 - (GROUND)	(1)						
4	10 AWG	THWN-2 COPPER - (L1, L2, NEUTRAL)	(3)	3/4" EMT	35A	1	0.96	33.6A	15.9%
	10 AWG	THWN-2 COPPER - (GROUND)	(1)						
5	6 AWG	THWN-2 COPPER - (L1,L2,NEUTRAL)	(3)	3/4" EMT	65A	1	0.96	62.4A	28.61%
	NONE	N/A - NO GROUND WIRE PRESENT	(0)						



GROUNDING & GENERAL NOTES:

1. PV INVERTER IS UNGROUNDED, TRANSFORMER-LESS TYPE.
2. EGC TO BE SPLICED TO NEW OR EXISTING ELECTRODE
3. ANY EXISTING WIRING INVOLVED WITH PV SYSTEM CONNECTION THAT IS FOUND TO BE INADEQUATE PER CODE SHALL BE CORRECTED PRIOR TO FINAL INSPECTION.
4. JUNCTION BOX QUANTITIES, AND PLACEMENT SUBJECT TO CHANGE IN THE FIELD - JUNCTION BOXES DEPICTED ON ELECTRICAL DIAGRAM REPRESENT WIRE TYPE TRANSITIONS.
5. AC DISCONNECT NOTED IN EQUIPMENT SCHEDULE OPTIONAL IF OTHER AC DISCONNECTING MEANS IS LOCATED WITHIN 10' OF SERVICE DISCONNECT.

INTERCONNECTION NOTES

1. GROUND FAULT PROTECTION IN ACCORDANCE WITH [NEC 215.9] & [NEC 230.95]
2. SUPPLY SIDE INTERCONNECTION ACCORDING TO [NEC705.12(A)]

DISCONNECT NOTES

1. DISCONNECTING SWITCHES SHALL BE WIRED SUCH THAT WHEN THE SWITCH IS OPENED THE CONDUCTORS REMAINING LIVE ARE CONNECTED TO THE TERMINALS MARKED "LINE SIDE" (TYPICALLY THE UPPER TERMINALS)
2. AC DISCONNECT MUST BE ACCESSIBLE TO QUALIFIED UTILITY PERSONNEL, BE LOCKABLE, AND BE A VISIBLE-BREAK SWITCH.
3. FUSED AC DISCONNECT TO BE USED.

VISIBLE, LOCKABLE,
LABELED AC DISCONNECT
LOCATED WITHIN 10'
OF UTILITY METER



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833.786.4387 ext. 701

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DATE:
December 15, 2021

LINE DIAGRAM - PV05

WARNING

ELECTRIC SHOCK HAZARD

**TERMINALS ON THE LINE AND
LOAD SIDES MAY BE ENERGIZED
IN THE OPEN POSITION**

LABEL 1
FOR PV DISCONNECTING MEANS WHERE THE LINE AND
LOAD TERMINALS MAY BE ENERGIZED IN THE OPEN
POSITION.
[NEC 690.13(B)]

WARNING

**THIS EQUIPMENT IS FED BY MULTIPLE
SOURCES. TOTAL RATING OF ALL
OVERCURRENT DEVICES, EXCLUDING
MAIN SUPPLY OVERCURRENT
DEVICE, SHALL NOT EXCEED
AMPACITY OF BUSBAR.**

LABEL 2
PLACED ADJACENT TO THE BACK-FED BREAKER
FROM THE INVERTER IF TIE IN CONSISTS OF
LOAD SIDE CONNECTION TO BUSBAR.
[NEC 705.12(B)(2)(3)(b)]

WARNING

INVERTER OUTPUT CONNECTION

**DO NOT RELOCATE
THIS OVERCURRENT
DEVICE**

LABEL 3
PLACED ADJACENT TO THE BACK-FED BREAKER
FROM THE INVERTER IF TIE IN CONSISTS OF
LOAD SIDE CONNECTION TO BUSBAR.
[NEC 705.12(B)(2)(3)(c)]

WARNING

DUAL POWER SUPPLY

**SOURCES: UTILITY GRID AND PV
SOLAR ELECTRIC SYSTEM**

LABEL 4
EQUIPMENT CONTAINING OVERCURRENT
DEVICES IN CIRCUITS SUPPLYING POWER
TO A BUSBAR OR CONDUCTOR SUPPLIED
FROM MULTIPLE SOURCES SHALL BE
MARKED TO INDICATE THE PRESENCE OF
ALL SOURCES [NEC 705.12(B)(3)]

PHOTOVOLTAIC AC DISCONNECT

RATED AC OUTPUT CURRENT:

18

NOMINAL OPERATING AC VOLTAGE:

240

LABEL 5
AT POINT OF INTERCONNECTION, MARKED
AT AC DISCONNECTING MEANS.
[NEC 690.54, NEC 690.13 (B)]

- LABELING NOTES:**
- LABELS CALLED OUT ACCORDING TO ALL COMMON CONFIGURATIONS. ELECTRICIAN TO DETERMINE EXACT REQUIREMENTS IN THE FIELD PER CURRENT NEC AND LOCAL CODES AND MAKE APPROPRIATE ADJUSTMENTS.
 - LABELING REQUIREMENTS BASED ON THE 2017 NATIONAL ELECTRIC CODE, OSHA STANDARD 19010.145, ANSI Z535.
 - MATERIAL BASED ON THE REQUIREMENTS OF THE AUTHORITY HAVING JURISDICTION.
 - LABELS TO BE OF SUFFICIENT DURABILITY TO WITHSTAND THE ENVIRONMENT INVOLVED [NEC 110.21(B)(3)]
 - LABELS TO BE A MINIMUM LETTER HEIGHT OF 3/8", WHITE ON RED BACKGROUND; REFLECTIVE, AND PERMANENTLY AFFIXED [IFC 605.11.1.1]

**WARNING: PHOTOVOLTAIC
POWER SOURCE**

**SOLAR PV SYSTEM EQUIPPED
WITH RAPID SHUTDOWN**

TURN RAPID SHUTDOWN
SWITCH TO THE "OFF"
POSITION TO SHUT DOWN
PV SYSTEM AND REDUCE
SHOCK HAZARD IN ARRAY

LABEL 6
AT DIRECT-CURRENT EXPOSED RACEWAYS, CABLE TRAYS, COVERS
AND ENCLOSURES OF JUNCTION BOXES, AND OTHER WIRING METHODS;
SPACED AT MAXIMUM 10FT SECTION OR WHERE SEPARATED BY
ENCLOSURES, WALLS, PARTITIONS, CEILINGS, OR FLOORS.
[NEC 690.31(G)(3&4)]

LABEL 7
FOR PV SYSTEMS THAT SHUT DOWN THE ARRAY AND CONDUCTORS
LEAVING THE ARRAY:
SIGN TO BE LOCATED ON OR NO MORE THAN 3 FT AWAY FROM SERVICE
DISCONNECTING MEANS TO WHICH THE PV SYSTEMS ARE CONNECTED
AND SHALL INDICATE THE LOCATION OF ALL IDENTIFIED RAPID
SHUTDOWN SWITCHES IF NOT AT THE SAME LOCATION.
[NEC 690.56(C)(1)(A)]

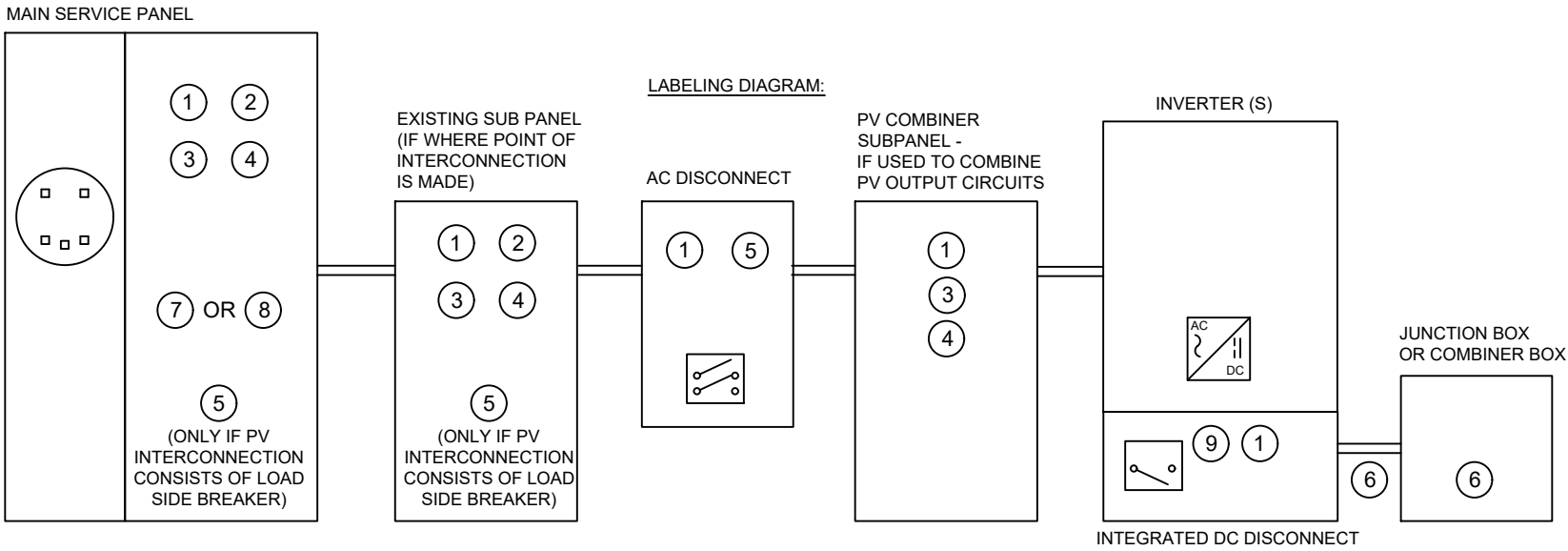
**SOLAR PV SYSTEM EQUIPPED
WITH RAPID SHUTDOWN**

TURN RAPID SHUTDOWN
SWITCH TO THE "OFF"
POSITION TO SHUT DOWN
CONDUCTORS OUTSIDE
THE ARRAY. CONDUCTORS
WITHIN THE ARRAY REMAIN
ENERGIZED IN SUNLIGHT

LABEL 8
FOR PV SYSTEMS THAT ONLY SHUT DOWN
CONDUCTORS LEAVING THE ARRAY:
SIGN TO BE LOCATED ON OR NO MORE THAN 3 FT
AWAY FROM SERVICE DISCONNECTING MEANS TO
WHICH THE PV SYSTEMS ARE CONNECTED AND
SHALL INDICATE THE LOCATION OF ALL IDENTIFIED
RAPID SHUTDOWN SWITCHES IF NOT AT THE SAME
LOCATION.
[NEC 690.56(C)(1)(b)]

**RAPID SHUTDOWN
SWITCH FOR
SOLAR PV SYSTEM**

LABEL 9
SIGN LOCATED AT RAPID SHUT DOWN
DISCONNECT SWITCH [NEC 690.56(C)(3)].



*ELECTRICAL DIAGRAM SHOWN ABOVE IS FOR LABELING PURPOSES ONLY. NOT AN ACTUAL REPRESENTATION OF EQUIPMENT AND CONNECTIONS TO BE INSTALLED. LABEL LOCATIONS PRESENTED MAY VARY DEPENDING ON TYPE OF INTERCONNECTION METHOD AND LOCATION PRESENTED ON THE ELECTRICAL DIAGRAM PAGE.



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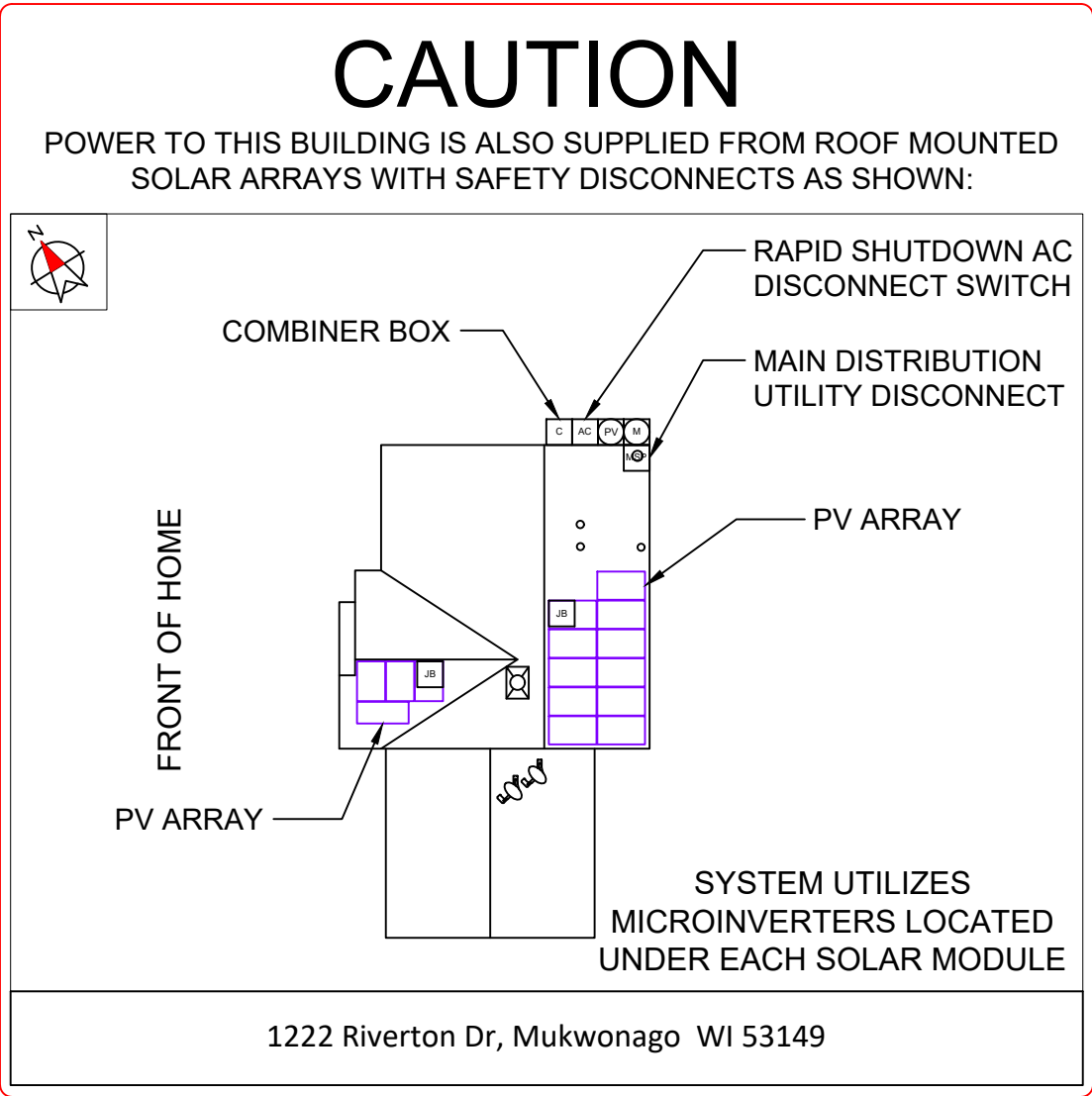
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LABELS - PV06



DIRECTORY
PERMANENT PLAQUE OR DIRECTORY PROVIDING THE LOCATION OF THE SERVICE DISCONNECTING MEANS AND THE PHOTOVOLTAIC SYSTEM.

(ALL PLAQUES AND SIGNAGE WILL BE INSTALLED AS OUTLINED WITHIN: NEC 690.56(B)&(C), [NEC 705.10])



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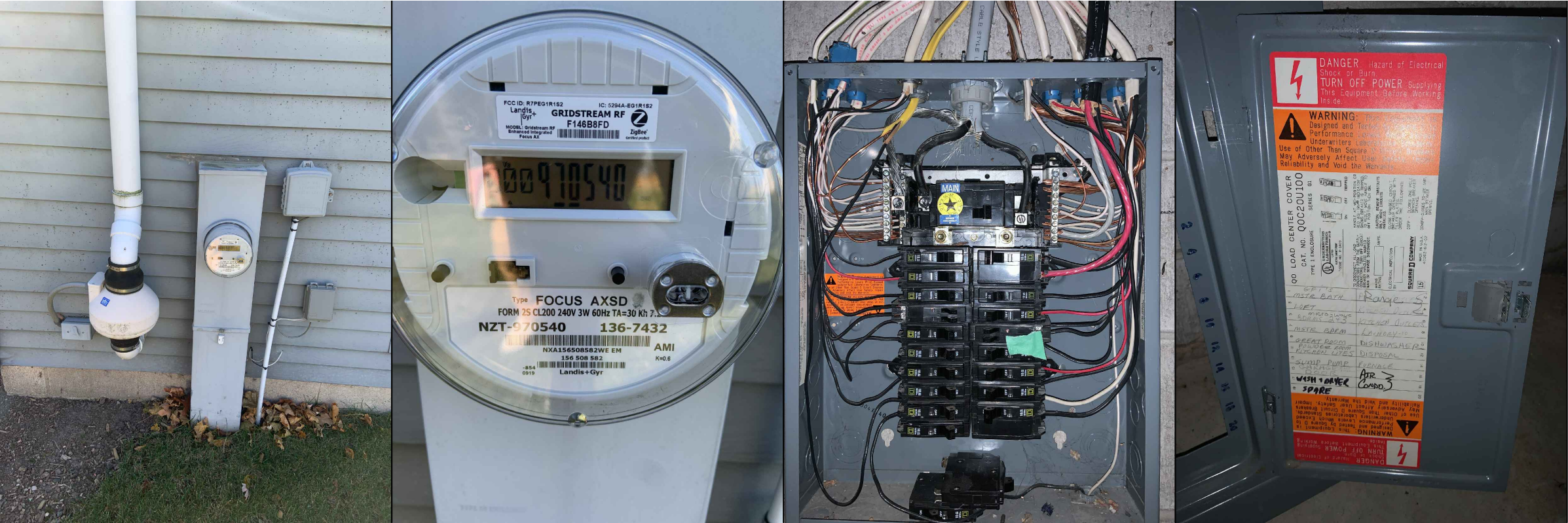
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DATE: December 15, 2021
PLACARD - PV07

SITE PHOTOS:



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SITE PHOTOS - PV08

SITE PHOTOS:



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DRAWN BY: SoloCAD

DATE:
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FRONT/BACK VIEWS - PV08.1

SITE PHOTOS:



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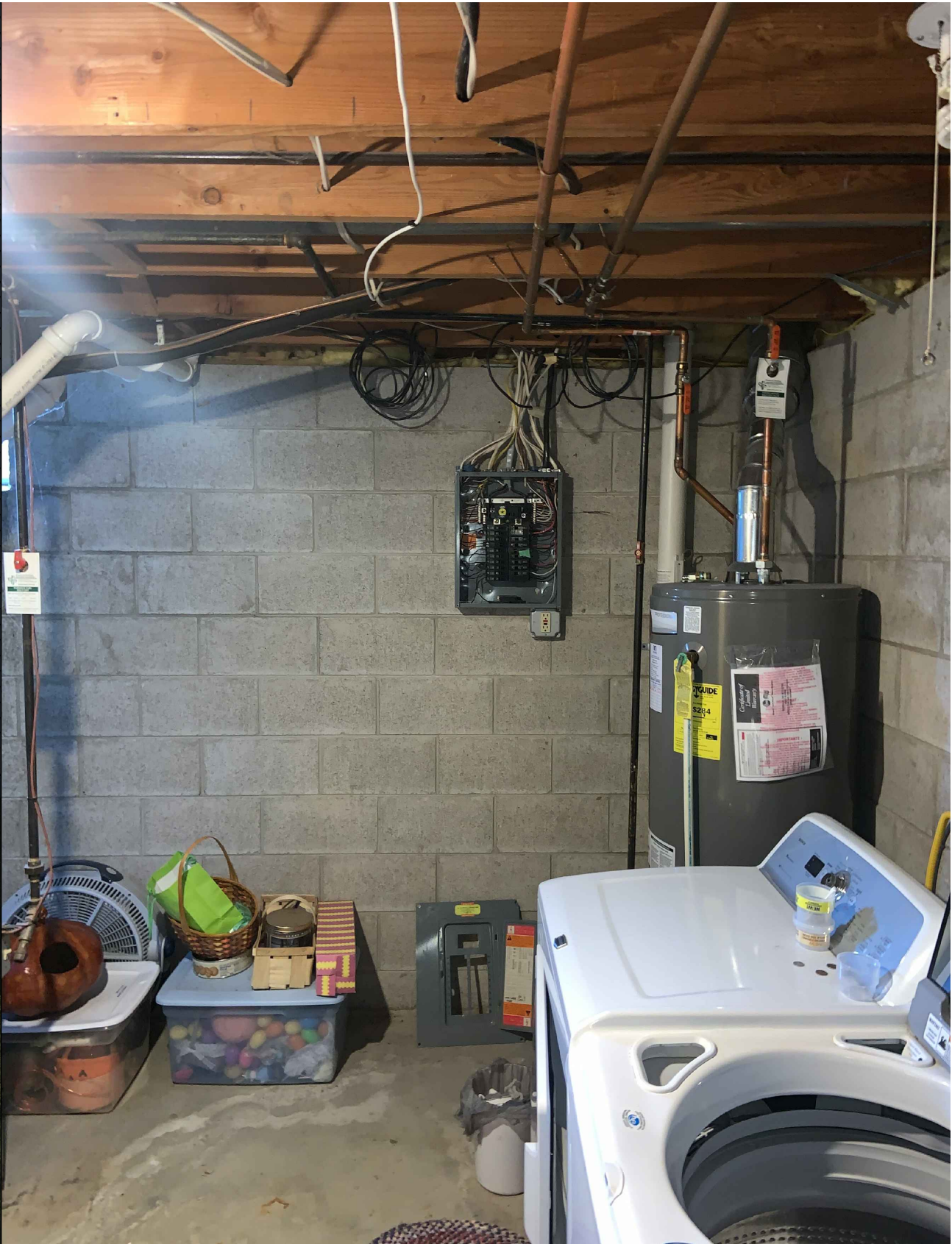
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DATE:
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SIDE VIEWS - PV08.2

SITE PHOTOS:



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DATE:
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METER/OPEN MSP - PV08.3



SIL-360 NX



Proud Partner of
Everlight Solar

HIGH EFFICIENCY PREMIUM MONO-PERC PV MODULE



CHUBB®
* Chubb provides error and omission insurance to Silfab Solar Inc.

INDUSTRY LEADING WARRANTY

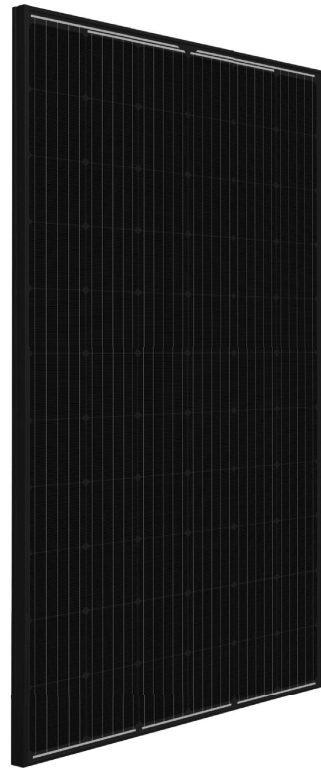
All our products include an industry leading 25-year product workmanship and 30-year performance warranty.

35+ YEARS OF SOLAR INNOVATION

Leveraging over 35+ years of worldwide experience in the solar industry, Silfab is dedicated to superior manufacturing processes and innovations such as Bifacial and Back Contact technologies, to ensure our partners have the latest in solar innovation.

NORTH AMERICAN QUALITY

Silfab is the leading automated solar module manufacturer in North America. Utilizing premium quality materials and strict quality control management to deliver the highest efficiency, premium quality PV modules.



BAA / ARRA COMPLIANT

Silfab panels are designed and manufactured to meet Buy American Act Compliance. The US State Department, US Military and FAA have all utilized Silfab panels in their solar installations.

LIGHT AND DURABLE

Engineered to accommodate high wind load conditions for test loads validated up to 4000Pa uplift. The light-weight frame is exclusively designed for wide-ranging racking compatibility and durability.

QUALITY MATTERS

Total automation ensures strict quality controls during the entire manufacturing process at our ISO certified facilities.

DOMESTIC OPERATIONS

Our 500+ North American team is ready to help our partners win the hearts and minds of customers, providing customer service and product delivery that is direct, efficient and local.

AESTHETICALLY PLEASING

All black sleek design, ideal for high-profile residential or commercial applications.

PID RESISTANT

PID Resistant due to advanced cell technology and material selection. In accordance to IEC 62804-1.

Electrical Specifications		SIL-360 NX mono PERC	
Test Conditions		STC	NOCT
Module Power (Pmax)	Wp	360	258
Maximum power voltage (Vpmax)	V	36.6	33.1
Maximum power current (Ipmax)	A	9.9	7.8
Open circuit voltage (Voc)	V	44.5	40.4
Short circuit current (Isc)	A	10.5	8.2
Module efficiency	%	19.7	17.6
Maximum system voltage (VDC)	V	1000	
Series fuse rating	A	20	
Power Tolerance	Wp	0 to +10	

Measurement conditions: STC 1000 W/m² • AM 1.5 • Temperature 25 °C • NOCT 800 W/m² • AM 1.5 • Measurement uncertainty ≤ 3%
• Sun simulator calibration reference modules from Fraunhofer Institute. Electrical characteristics may vary by ±5% and power by 0 to +10W.

Temperature Ratings		SIL-360 NX mono PERC
Temperature Coefficient Isc		+0.064 %/°C
Temperature Coefficient Voc		-0.28 %/°C
Temperature Coefficient Pmax		-0.36 %/°C
NOCT (± 2°C)		46 °C
Operating temperature		-40/+85 °C

Mechanical Properties and Components			SIL-360 NX mono PERC
	Metric	Imperial	
Module weight	20±0.2 kg	44±0.4 lbs	
Dimensions (H x L x D)	1832 mm x 1000 mm x 38 mm	72.13 in x 39.4 in x 1.5 in	
Maximum surface load (wind/snow)*	4000 Pa rear load / 5400 Pa front load	83.5/112.8 lb/ft^2	
Hail impact resistance	ø 25 mm at 83 km/h	ø 1 in at 51.6 mph	
Cells	66 - Si mono-PERC - 5 busbar 158.75 x 158.75 mm	66 - Si mono-PERC - 5 busbar 62.25 x 62.25 in	
Glass	3.2 mm high transmittance, tempered, DSM anti-reflective coating	0.126 in high transmittance, tempered, DSM anti-reflective coating	
Cables and connectors (refer to installation manual)	1200 mm ø 5.7 mm, MC4 from Staubli	47.2 in, ø 0.22 (12AWG), MC4 from Staubli	
Backsheet	High durability, superior hydrolysis and UV resistance, multi-layer dielectric film, fluorine-free PV backsheet		
Frame	Anodized Aluminum (Black)		
Bypass diodes	3 diodes-30SQ045T (45V max DC blocking voltage, 30A max forward rectified current)		
Junction Box	UL 3730 Certified, IEC 62790 Certified, IP67 rated		

Warranties		SIL-360 NX mono PERC
Module product workmanship warranty		25 years** 30 years
Linear power performance guarantee		≥ 97.1% end 1 st year ≥ 91.6% end 12 th year ≥ 85.1% end 25 th year ≥ 82.6% end 30 th year

Certifications		SIL-360 NX mono PERC
Product		ULC ORD C1703, UL1703, CEC listed***, UL 61215-1/-1-1/-2, UL 61730-1/-2, IEC 61215-1/-1-1/-2***, IEC 61730-1/-2***, CSA C22.2#61730-1/-2, IEC 62716 Ammonia Corrosion; IEC61701:2011 Salt Mist Corrosion Certified, UL Fire Rating: Type 2 ISO9001:2015
Factory		

All states except California California
■ Modules Per Pallet: 26 ■ Modules Per Pallet: 26
■ Pallets Per Truck: 34 ■ Pallets Per Truck: 32
■ Modules Per Truck: 884 ■ Modules Per Truck: 832

*▲ Warning. Read the Safety and Installation Manual for mounting specifications and before handling, installing and operating modules.

**12 year extendable to 25 years subject to registration and conditions outlined under "Warranty" at www.silfabsolar.com.

***Certification and CEC listing in progress.

PAN files generated from 3rd party performance data are available for download at: www.silfabsolar.com/downloads.



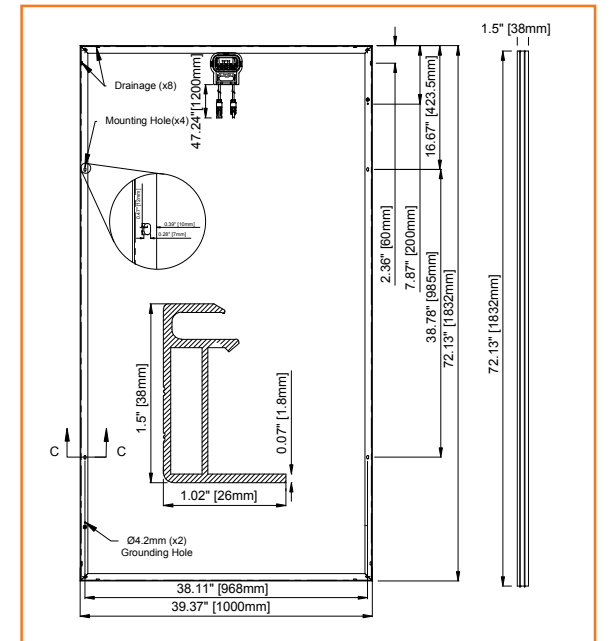
Everlight Solar
Tel 833-786-4387
www.everlightsolar.com



Silfab Solar Inc.
240 Courtnepark Drive East
Mississauga ON L5T 2Y3 Canada
Tel +1 905-255-2501 | Fax +1 905-696-0267
info@silfabsolar.com | www.silfabsolar.com



Silfab Solar Inc.
800 Cornwall Ave
Bellingham WA 98225 USA
Tel +1 360-569-4733



APsystems YC600 Microinverter Datasheet

INPUT DATA (DC)

Module Compatibility	60 & 72 Cell PV Modules
MPPT Voltage Range	22V-48V
Operation Voltage Range	16V-55V
Maximum Input Voltage	55V
Maximum Input Current	12A x 2
Maximum Total PV Array Short Circuit Current	15A

OUTPUT DATA (AC)

	240V	208V
Maximum Continuous Output Power	548VA	548VA
Peak Output Power	600VA	600VA
Nominal Output Voltage	240V	208V
Nominal Output Current	2.28A	2.63A
Nominal Output Frequency	60Hz	60Hz
Adjustable Output Voltage Range	211-264V	183-229V
Adjustable Output Frequency Range	59.3 - 60.5Hz	59.3 - 60.5Hz
Power Factor (Adjustable)	0.8 leading...0.8 lagging	0.8 leading...0.8 lagging
Total Harmonic Distortion	<3%	<3%
Maximum Units per Branch	7 (14 PV modules)	6 (12 PV modules)

EFFICIENCY

Peak Efficiency	96.7%
CEC Weighted Efficiency	96.5%
Nominal MPPT Efficiency	99.5%
Night Power Consumption	60mW

MECHANICAL DATA

Operating Ambient Temperature Range	-40°F to +149°F (-40°C to +65°C)
Storage Temperature Range	-40°F to +185°F (-40°C to +85°C)
Dimensions (WxHxD) inches	10.24" x 7.4" x 1.24"
Dimensions (WxHxD) mm	260mm x 188mm x 31.5mm
Weight	5.7 lbs (2.6kg)
AC BUS Maximum Current	20A
Connector Type	MC4 Type
Enclosure Rating	NEMA 6 (IP67)
Cooling	Natural Convection - No Fans

FEATURES & COMPLIANCE

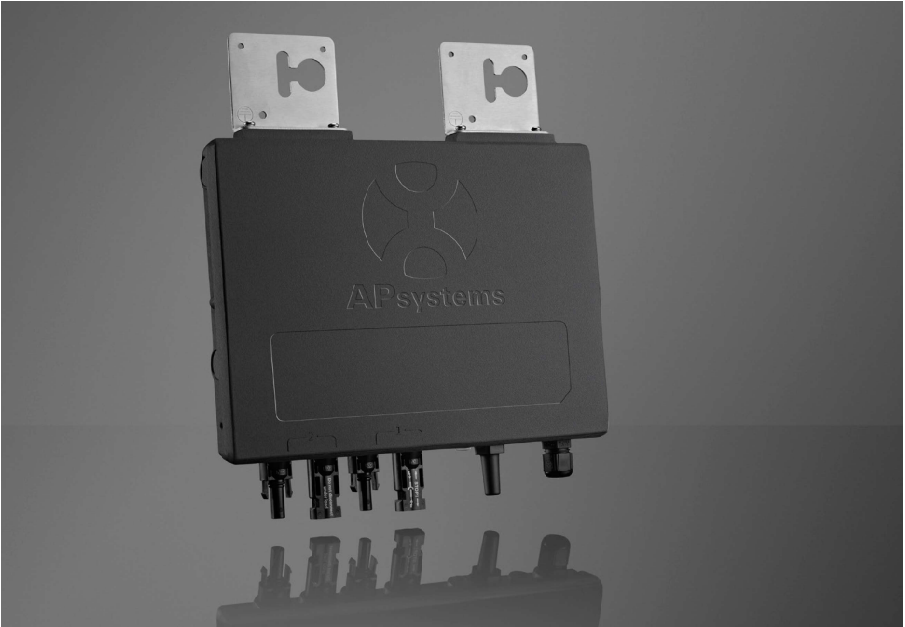
Communication	Wireless Zigbee
Transformer Design	High Frequency Transformers, Galvanic Isolation
Monitoring	Via EMA**Online Portal
Emissions & Immunity (EMC) Compliance	FCC PART 15, ANSI C63.4, ICES-003
Safety & Grid Connection Compliance	UL1741, UL1741 SA (240V version only), CA Rule 21 (240V version only), IEEE1547, CSA C22.2 No.107.1-01, NEC 2017 690.12, 690.11

* Depending on the local regulations.

**APsystems online Energy Management Analysis (EMA) platform

Specifications subject to change without notice - please ensure you are using the most recent version found at APsystems.com

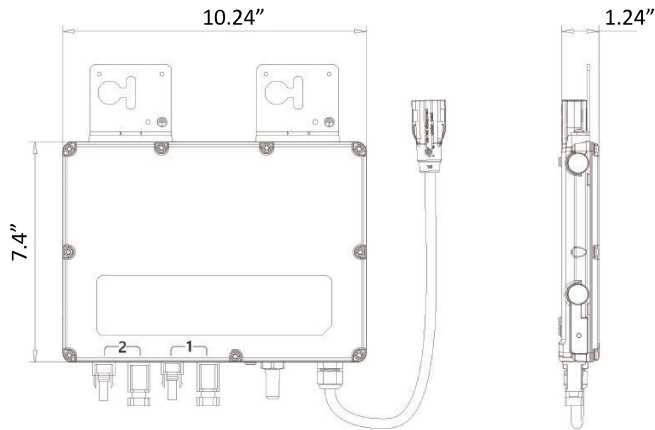
2.11.19 © All Rights Reserved



YC600
Microinverter

- Dual-module microinverter with independent MPPT
- Utility-interactive with Reactive Power Control (RPC)
- CA Rule 21 compliant
- Continuous power of 274VA per channel, 300VA peak
- Accommodates modules from 250-365W+
- Wide MPPT voltage range (22V-48V)
- Meets NEC 2014/2017 690.12 Rapid Shutdown requirements
- ZigBee communication & free monitoring

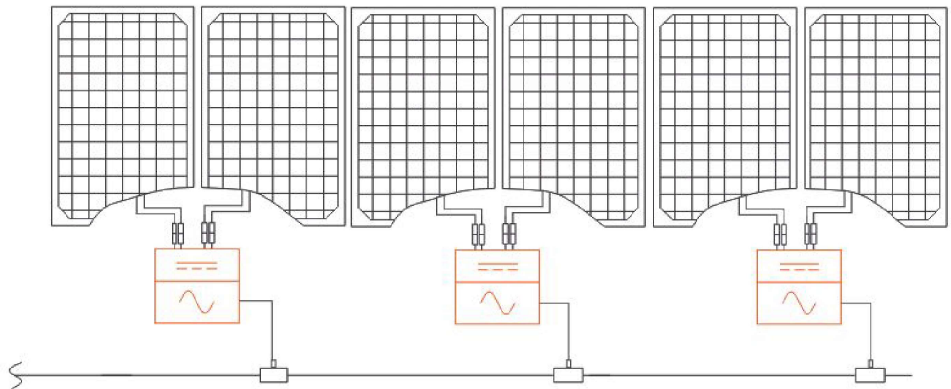
DIMENSIONS



With its groundbreaking design and features, the YC600 is the pinnacle of microinverter technology. A single-phase, smart grid-compliant microinverter, the YC600 serves two modules with dual, independent MPPT. Zigbee wireless communication over a mesh network offers faster data speeds than PLC and a wider MPPT voltage range results in a greater energy harvest for homeowners.

A true utility-interactive microinverter with Reactive Power Control (RPC) technology, the YC600 meets CA Rule 21 requirements and is inherently NEC 2014/2017 Rapid Shutdown compliant. The unit also builds on the successful APsystems line of multi-module microinverters, simplifying installation and reducing logistics costs.

WIRING SCHEMATIC

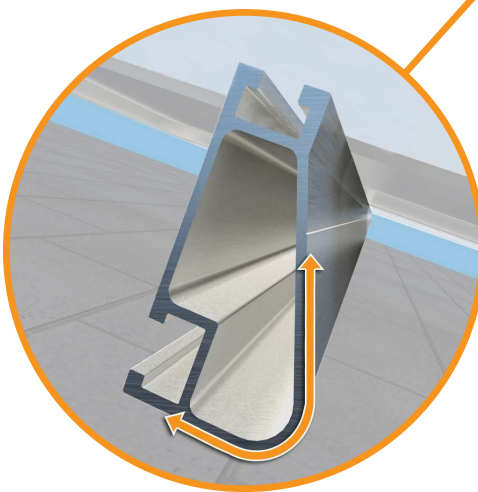
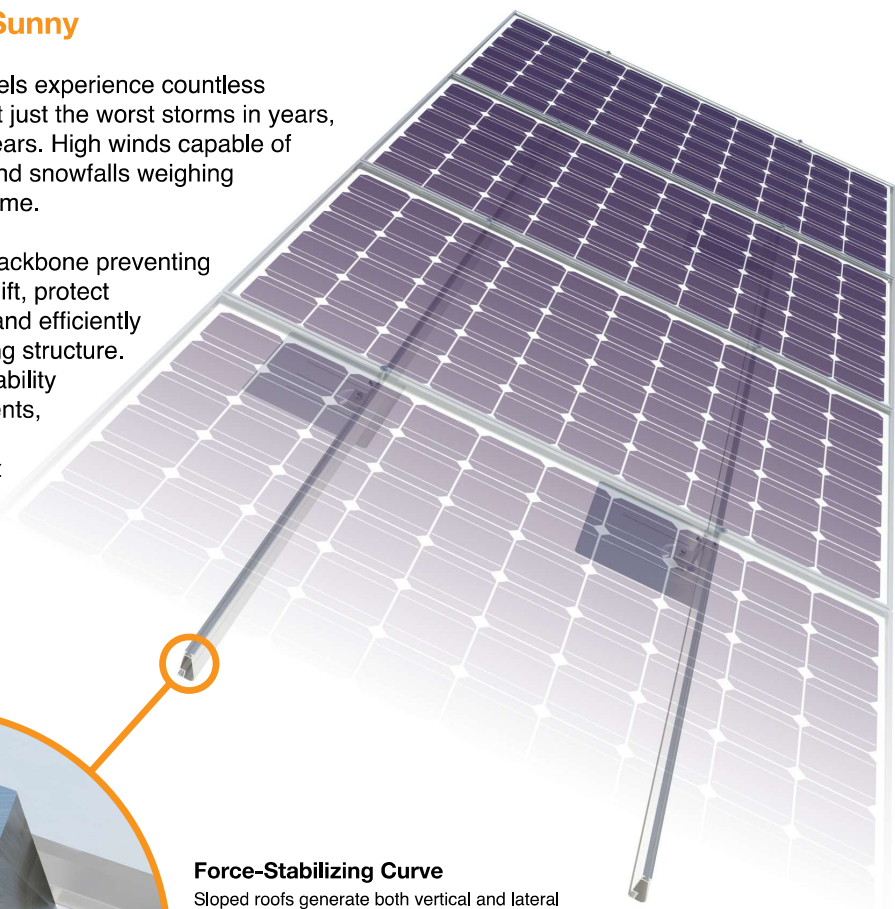


XR Rail Family

Solar Is Not Always Sunny

Over their lifetime, solar panels experience countless extreme weather events. Not just the worst storms in years, but the worst storms in 40 years. High winds capable of ripping panels from a roof, and snowfalls weighing enough to buckle a panel frame.

XR Rails are the structural backbone preventing these results. They resist uplift, protect against buckling and safely and efficiently transfer loads into the building structure. Their superior spanning capability requires fewer roof attachments, reducing the number of roof penetrations and the amount of installation time.



Force-Stabilizing Curve
Sloped roofs generate both vertical and lateral forces on mounting rails which can cause them to bend and twist. The curved shape of XR Rails is specially designed to increase strength in both directions while resisting the twisting. This unique feature ensures greater security during extreme weather and a longer system lifetime.

Compatible with Flat & Pitched Roofs



XR Rails are compatible with FlashFoot and other pitched roof attachments.



IronRidge offers a range of tilt leg options for flat roof mounting applications.

Corrosion-Resistant Materials

All XR Rails are made of 6000-series aluminum alloy, then protected with an anodized finish. Anodizing prevents surface and structural corrosion, while also providing a more attractive appearance.



XR Rail Family

The XR Rail Family offers the strength of a curved rail in three targeted sizes. Each size supports specific design loads, while minimizing material costs. Depending on your location, there is an XR Rail to match.



XR10

XR10 is a sleek, low-profile mounting rail, designed for regions with light or no snow. It achieves spans up to 6 feet, while remaining light and economical.

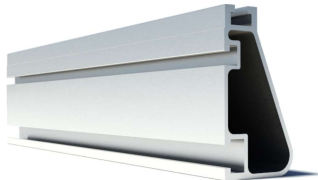
- 6' spanning capability
- Moderate load capability
- Clear & black anodized finish
- Internal splices available



XR100

XR100 is the ultimate residential mounting rail. It supports a range of wind and snow conditions, while also maximizing spans up to 10 feet.

- 10' spanning capability
- Heavy load capability
- Clear & black anodized finish
- Internal splices available



XR1000

XR1000 is a heavyweight among solar mounting rails. It's built to handle extreme climates and spans up to 12 feet for commercial applications.

- 12' spanning capability
- Extreme load capability
- Clear anodized finish
- Internal splices available

Rail Selection

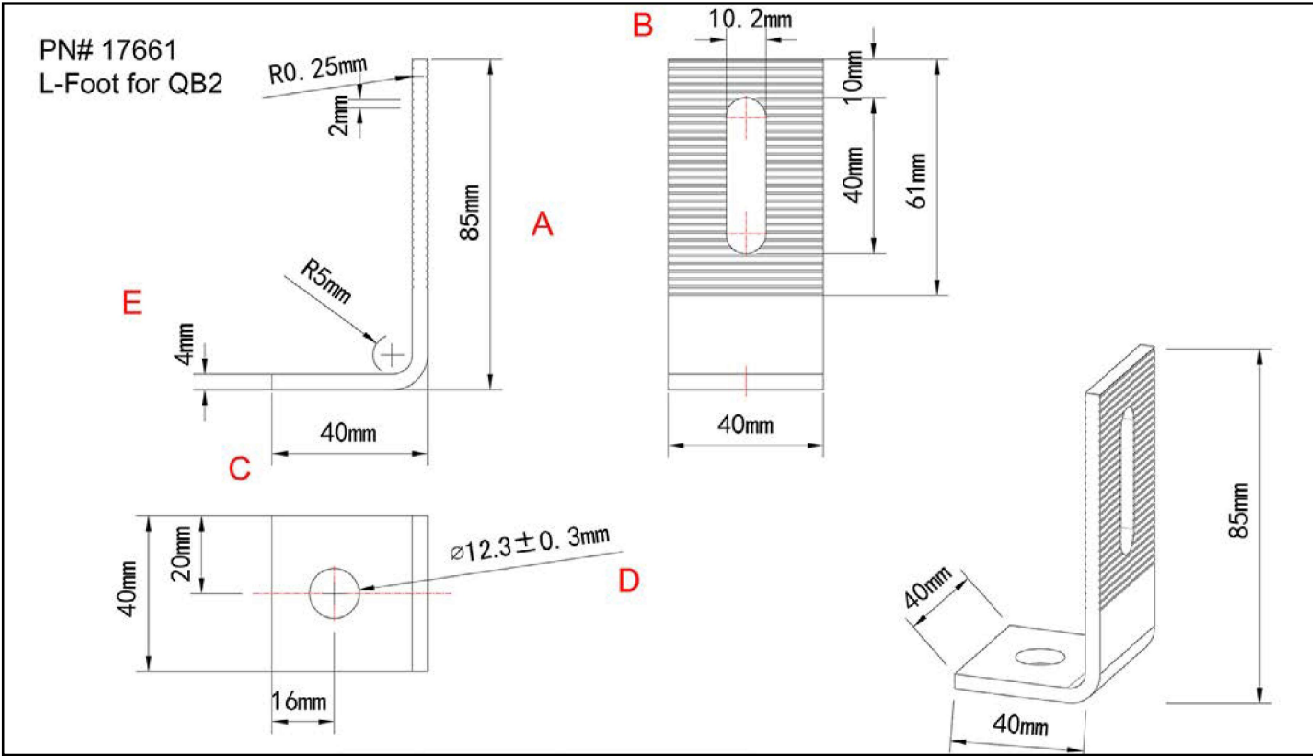
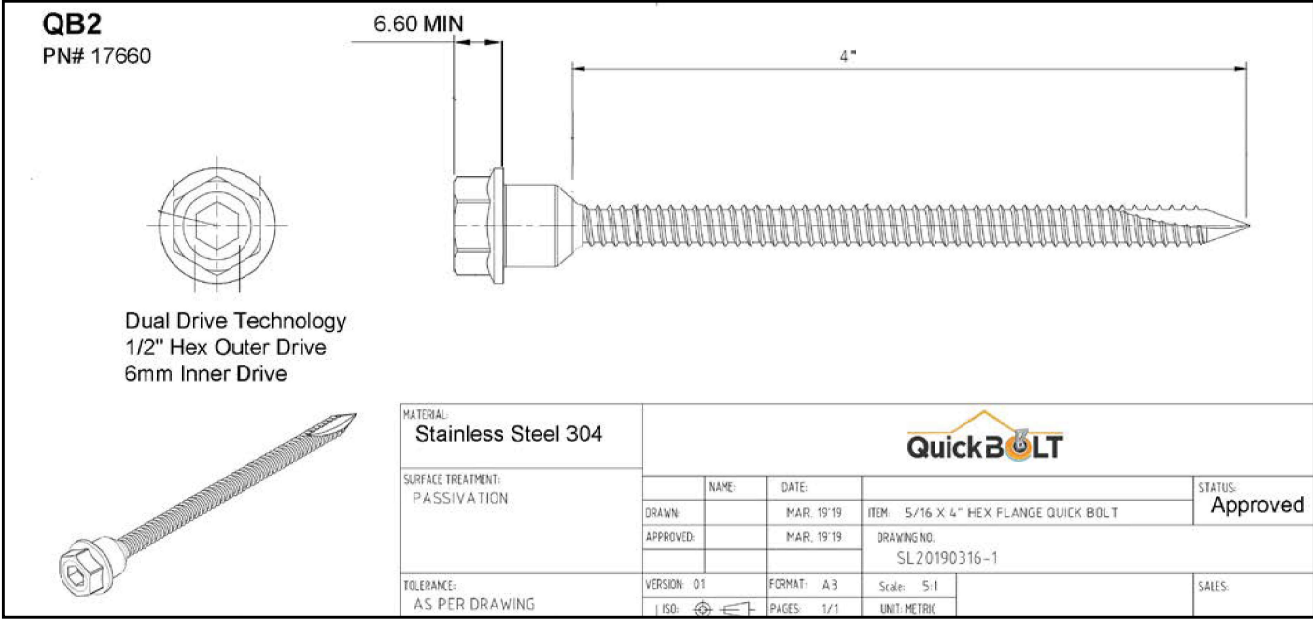
The table below was prepared in compliance with applicable engineering codes and standards.* Values are based on the following criteria: ASCE 7-16, Gable Roof Flush Mount, Roof Zones 1 & 2e, Exposure B, Roof Slope of 8 to 20 degrees and Mean Building Height of 30 ft. Visit IronRidge.com for detailed certification letters.

Load		Rail Span					
Snow (PSF)	Wind (MPH)	4'	5' 4"	6'	8'	10'	12'
None	90	XR10		XR100		XR1000	
	120						
	140						
	160						
20	90						
	120						
	140						
	160						
30	90						
	160						
40	90						
	160						
80	160						
120	160						

*Table is meant to be a simplified span chart for conveying general rail capabilities. Use approved certification letters for actual design guidance.

SPEC SHEET

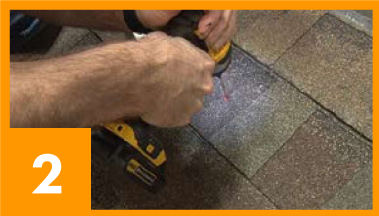
Part #	Box Quantity
17660	4" QB2 (25)
17662	3" Microflashing® (25); 4" QB2 (25); L-Foot (25)



INSTALL INSTRUCTIONS



1



2



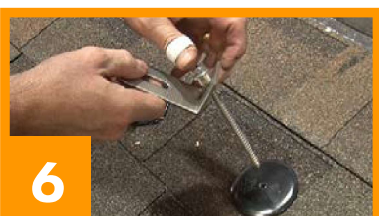
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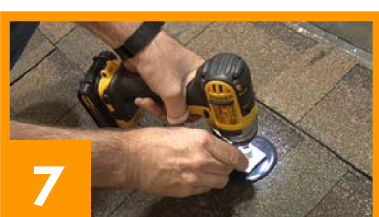
4



5



6



7

QB2 (17662)

RECOMMENDED MATERIALS

- Tools to locate and mark rafter
- Drill with a 15/64" drill bit
- MFG approved sealant (optional)
- 1/2" Nut Setter

INSTALLATION INSTRUCTIONS

1. Locate and mark the rafter
2. Predrill the hole
3. Optional: Fill the predrilled hole with MFG approved sealant
4. Optional: Place a ring of sealant around the bottom of the Microflashing® washer
5. Place the Microflashing®
6. Insert the Bolt into the L-Footer
7. Drive the Bolt until the Microflashing® is compressed



BUILDING CODE LETTER



February 26, 2019

To whom this may concern,

QuickBOLT is committed to excellence. The parts tested are durable goods, meaning the material composition and detailed specifications of the parts do not change. Therefore, all stamps are current. Any part tested will have the same results no matter what year the tests are performed.

SolarRoofHook is the previous name of QuickBOLT. Any test result referencing SolarRoofHook is referring to a QuickBOLT product.

All our parts were tested by a third-party test facility, in possession of a current engineering license for the state where the tests were performed for the following.

1. Uplift test
2. Downward load test
3. Lateral Test – Asphalt Mounts, and Metal Mounts only
4. ASTM E2440 and ASTM E330 Waterproof Tests - QuickBOLT only

The following is an excerpt from:

CALIFORNIA BOARD FOR PROFESSIONAL ENGINEERS AND LAND SURVEYORS
guide to Engineering & Land Surveying for City and County Officials
Page 12, Line 27

27. If the license has expired between the time the engineering documents were prepared and the time when the local agency's review is performed, do the documents need to be re-sealed by a licensee with a current license? (B&P Code §§ 6733, 6735, 6735.3, 6735.4)

As long as the license was current at the time the engineering documents were prepared, the documents do not need to be re-sealed prior to review by the local agency. However, any changes (updates or modifications) to the documents that are made following the review by the local agency would have to be prepared by a licensed engineer with a current license and those changes would have to be signed and sealed.

We trust the information provided will resolve any request for the test reports submitted to have a stamp from the current year.

Regards,

Rick Gentry
Executive Vice President

CERTIFICATE OF COMPLIANCE

Certificate Number 20191115-E493748
Report Reference E493748-20170817
Issue Date 2019-NOVEMBER-15

Issued to: QUICKBOLT A DIVISION OF QUICKSCREWS INTERNATIONAL CORP
5830 Las Positas Rd
Livermore, CA 94551

This is to certify that representative samples of COMPONENT - MOUNTING SYSTEMS, MOUNTING DEVICES, CLAMPING DEVICES AND GROUND LUGS FOR USE WITH PHOTOVOLTAIC MODULES AND PANELS (See Adendum for Additional Information.)

Have been investigated by UL in accordance with the component requirements in the Standard(s) indicated on this Certificate. UL Recognized components are incomplete in certain constructional features or restricted in performance capabilities and are intended for installation in complete equipment submitted for investigation to UL LLC.

Standard(s) for Safety: UL 2703 Standard for Mounting Systems, Mounting Devices, Clamping/Retention Devices, and Ground Lugs for Use with Flat-Plate Photovoltaic Modules and Panels.

Additional Information: See the UL Online Certifications Directory at www.ul.com/database for additional information

This Certificate of Compliance does not provide authorization to apply the UL Recognized Component Mark.
Only those products bearing the UL Recognized Component Mark should be considered as being UL Certified and covered under UL's Follow-Up Services.
Look for the UL Recognized Component Mark on the product.

B. Mahlen
Bruce Mahlenholz, Director North American Certification Program
UL LLC

Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL. For questions, please contact a local UL Customer Service Representative at <http://ul.com/about/locations/>



CERTIFICATE OF COMPLIANCE

Certificate Number 20191115-E493748
Report Reference E493748-20170817
Issue Date 2019-NOVEMBER-15

This is to certify that representative samples of the product as specified on this certificate were tested according to the current UL requirements.

Addendum -

Models/Product

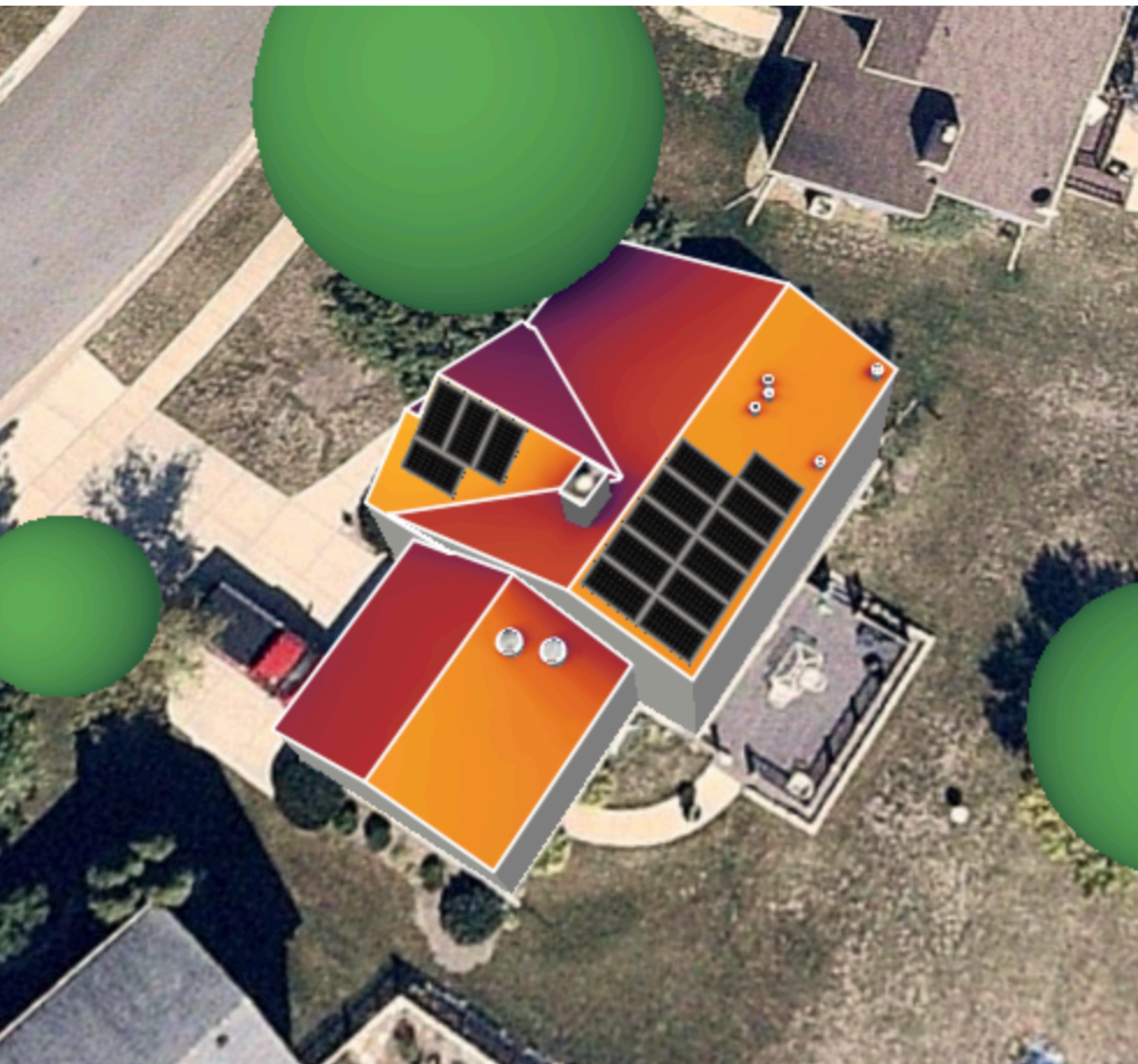
USR – Component, Roof Mounting Hook Units, Models 15891 15893 15987 16000 16988 16990 16991 16993 17508 17509 17510 17511 17512 17513 17514 17515 17516 17517 17518 17519 17520 17521 17522 17523 17524 17525 17526 17527 17536 17537 17538 17539 17540 17541 17542 17543 17544 17545 17546 17547 17548 17549 17550 17551 17552 17553 17554 17555 17556 17558 17559 17560 17568 17569 17570 17571 17572 17573 17574 17575 17576 17577 17578 17579 17580 17585 17586 17587 17588 17589 17592 17596 17600 17601 17606 17607 17608 17609 17610 17611 17612 17613 17614 17615 17616 17617 17618 17620 17621 17622 17623 17624 17625 17626 17627 17628 17629 17630 17631 17632 17633 17636 17637 17638 17639 17642 17643 17646 17647 17648 17649 17650 17651 17659 17664 17667 17669 17670 17671 17672 17673 17678 17679 17680 17681 17686 17687 17688 17689 17700 17701 17702 17703 17704 17705 17706 17707 17708 17709 17710 17711 17712 17717 17718 17759 15891-10 15891BLK-10 15987A 15987B 17667SS 17672SS 17680SS 17688SS 17713SS 17720 17721SS 17723 17724SS 17726 17727SS 17729 17730SS 15894SS 15891SS 15987BSS 17660 17661 17662 17663

Ratings: Overcurrent Protection Rating – 25 Amps

B. Mahlen
Bruce Mahlenholz, Director North American Certification Program
UL LLC

Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL. For questions, please contact a local UL Customer Service Representative at <http://ul.com/about/locations/>







11:21 AM Mon Jan 10

Google

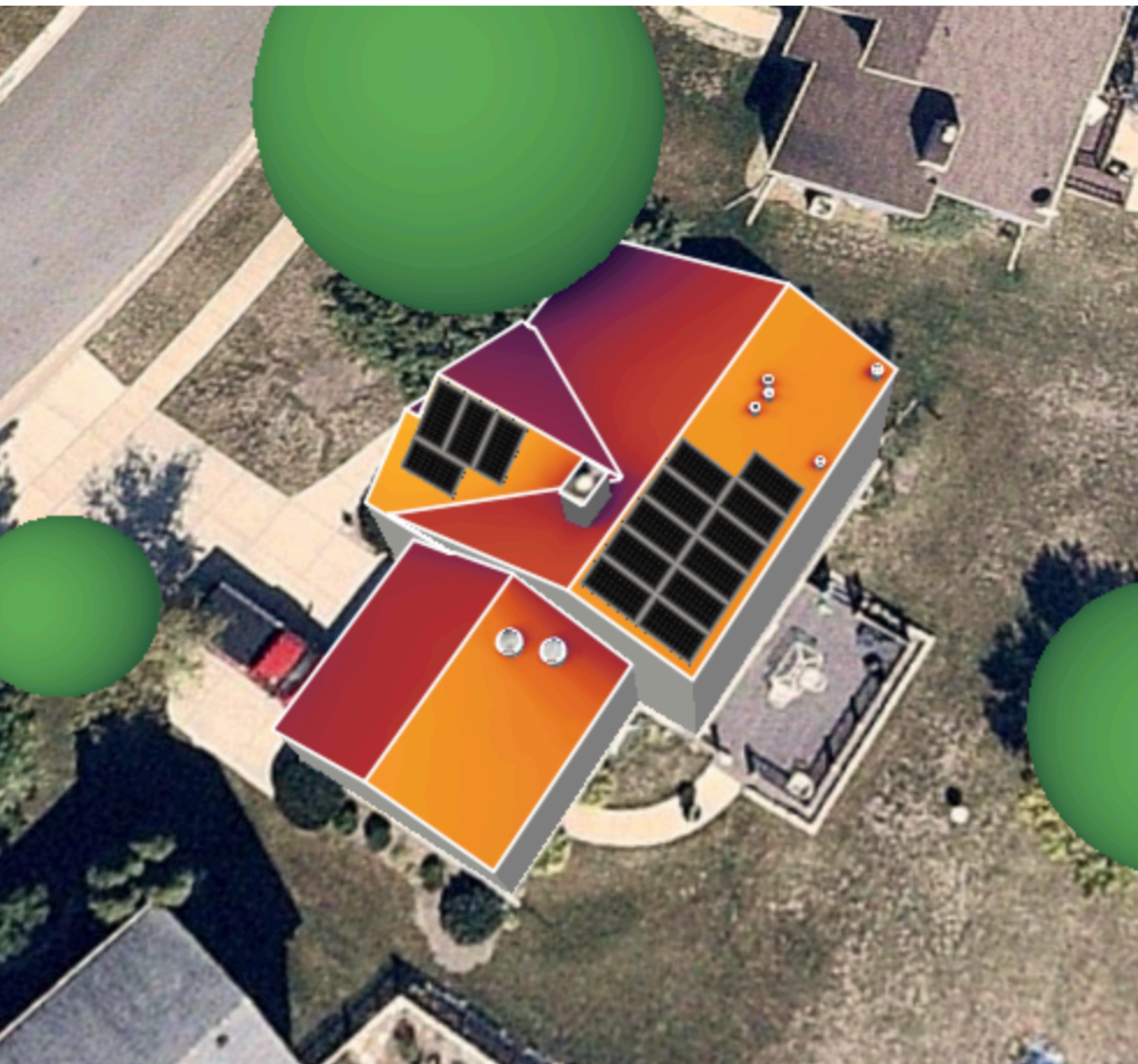
96%



1222 Riverton Dr
1222 Riverton Dr, Mukwonago, WI 53149
Building







11:21 AM Mon Jan 10

Google

96%



1222 Riverton Dr

1222 Riverton Dr, Mukwonago, WI 53149
Building



**VILLAGE OF MUKWONAGO
WAUKESHA AND WALWORTH COUNTIES**

RESOLUTION NO. 2022-11

**A RESOLUTION FOR SITE PLAN AND ARCHITECTURAL REVIEW FOR JAMES L WAGNITZ
1222 RIVERTON DRIVE, PARCEL MUKV 1965-052**

WHEREAS, pursuant to Section 100-601, and 100-153 of the Zoning Code, an application for a site plan and architectural review has been filed for the approval for an additional and building and site modifications, which application was filed in the office of the Village Clerk, Village of Mukwonago, Wisconsin, and

WHEREAS, the application has been submitted by the JAMES L WAGNITZ

WHEREAS, the use is permitted within the R-2 Single Family Village Residential District in which the subject property is located, and

WHEREAS, the plan of operation and plans have been reviewed and recommended by the Village Plan Commission.

NOW, THEREFORE, BE IT RESOLVED by the Village Board of the Village of Mukwonago, Wisconsin hereby approves the site plan and architectural review for structures at 1222 Riverton Dr, based upon the plan of operation and plans submitted to the Village.

NOW, THEREFORE, BE IT FURTHER RESOLVED this site plan and architectural review approval shall be subject to the following conditions:

1. Prior to any land disturbing activity, the applicant must submit a complete and final set of plans to the Building Inspections Office. All Village department heads must verify in writing whether they have approved the final plans within their purview. Any outstanding matters must be resolved to staff's satisfaction.
2. Prior to any land-disturbing activity, the applicant must reimburse the Village for any outstanding charges and establish an escrow account with the Village as may be required.
3. The applicant must obtain all required building permits within nine months of this date, and start construction within six months of the date of building permit issuance and continue in good faith to completion.
4. All work related to this project must comply with all project plans approved by the Village.
5. The developer must comply with all requirements related to impact fees imposed by the Village.
6. The developer shall comply with all parts of the Municipal Code as it relates to this project.
7. If the approved plans need to be revised to address any of the conditions of approval or to conform to Building and Fire Safety Codes, the Zoning Administrator and the Supervisor of Inspections are authorized to approve minor modifications so long as the overall project elements remain unchanged. If they determine that the revision is substantial, the plans must be submitted to the Plan Commission for review and approval.

8. Any future modification as required by ordinance, standards, or policy shall require an update to this site plan and architectural review.

NOW THEREFORE BE IT RESOLVED, that the Village of Mukwonago,

Approved and Adopted this 16th day of February 2022 by the Village Board of the Village of Mukwonago, Wisconsin.

APPROVED:

Fred H. Winchowky, Village President

ATTESTATION:

Diana Dykstra, MMC
Village Clerk-Treasurer



PLANNING COMMISSION

February 8, 2022 at 6:30pm
Mukwonago, WI

SITE PLAN AND ARCHITECTURAL REVIEW AND CONDITIONAL USE PERMIT

637 August Drive
Parcel Number: MUKV 1978-052

Case Summary

Parcel Data

Proposal:	Solar Panels
Applicant:	JEREMY STENGEL
Request:	Site Plan and Architectural Review
Staff Recommendation:	Approve with Conditions

Parcel Characteristics / Conditions

Acreage:	0.5171 acres
Current Use:	Single Family
Proposed Use:	Single Family
Reason for Request:	Solar Panels visible from public right of way
Land Use Classification:	Medium Lot Single Family II
Zoning Classification:	R-1 Single Family Community Residential District
Census Tract:	2039.01

Site Plan and Architectural Review Request

Architectural/ Site Review

Site Modifications

The applicant is proposing to add solar panels onto their existing single-family home. The municipal code requires planning commission approval prior to issuance of a building permit. The code also requires solar panels to be screen from street view. Section 100-102 (2) c.

Utilities

No modifications at this time.

Stormwater Management

No modifications at this time.

Wetlands

None

Signage

No modifications at this time.

Parking

No modifications at this time.

Landscaping

No modifications at this time.

Trash Enclosure

No modifications at this time.

Fencing

No modifications at this time.

Outdoor Lighting

No modifications at this time.

Misc. Performance Standards

None

Staff Review

Engineering	No concerns at this time
Public Works	No concerns at this time
Utilities	No concerns at this time
Police	No concerns at this time
Fire	No concerns at this time
Building Inspection	No concerns at this time
Planning	No concerns at this time

Recommendation

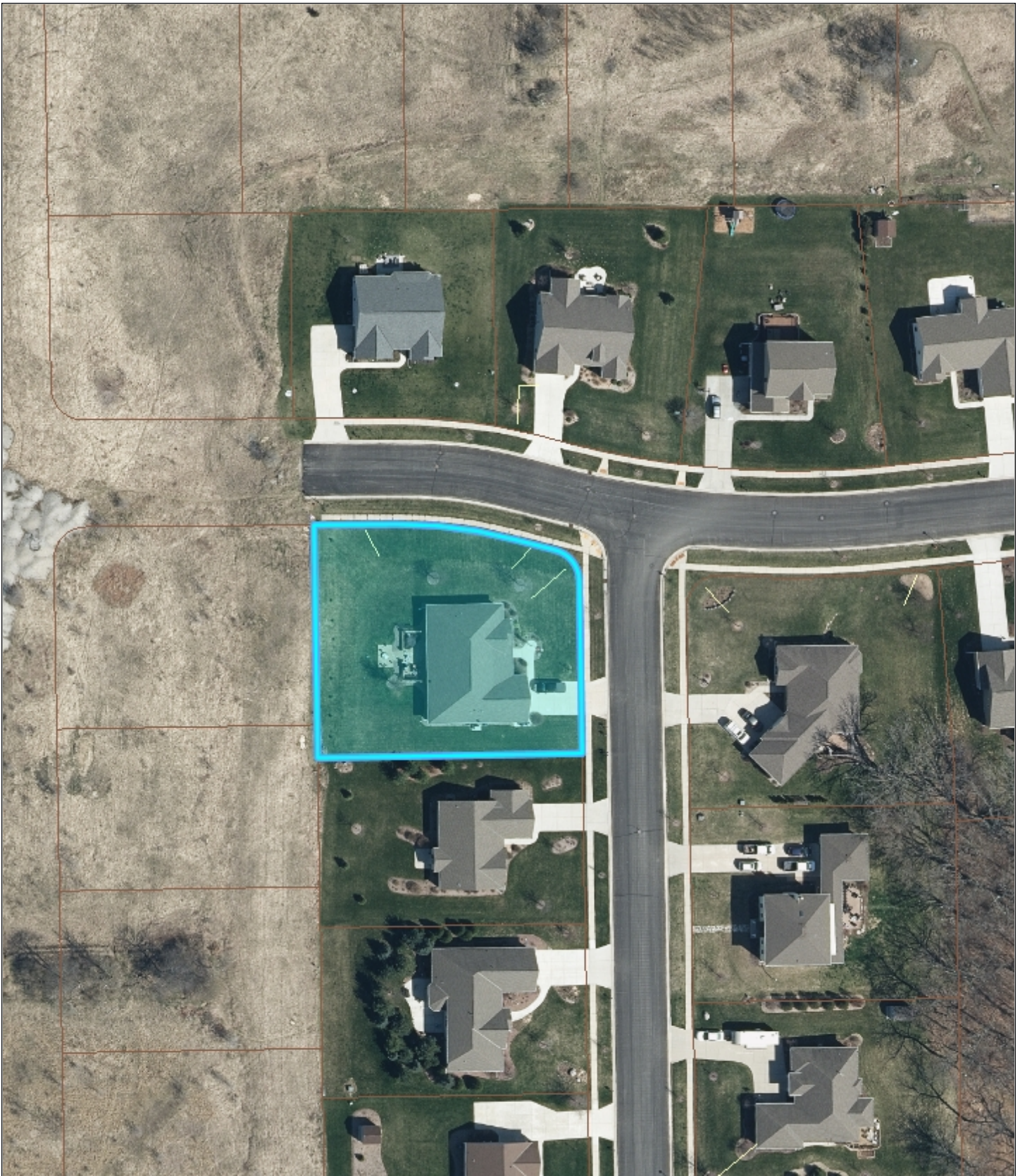
Site Plan and Architectural Review

Staff recommends the Planning Commission Approve a resolution for the Site Plan and Architectural Review, as set forth in the attached resolution.

1. Prior to any land disturbing activity, the applicant must submit a complete and final set of plans to the Building Inspections Office. All Village department heads must verify in writing whether they have approved the final plans within their purview. Any outstanding matters must be resolved to staff's satisfaction.
2. Prior to any land-disturbing activity, the applicant must reimburse the Village for any outstanding charges and establish an escrow account with the Village as may be required.
3. The applicant must obtain all required building permits within nine months of this date, and start construction within six months of the date of building permit issuance and continue in good faith to completion.
4. All work related to this project must comply with all project plans approved by the Village.
5. The developer must comply with all requirements related to impact fees imposed by the Village.
6. The developer shall comply with all parts of the Municipal Code as it relates to this project.
7. If the approved plans need to be revised to address any of the conditions of approval or to conform to Building and Fire Safety Codes, the Zoning Administrator and the Supervisor of Inspections are authorized to approve minor modifications so long as the overall project elements remain unchanged. If they determine that the revision is substantial, the plans must be submitted to the Plan Commission for review and approval.
8. Any future modification as required by ordinance, standards, or policy shall require an update to this site plan and architectural review.

Attachments

- | | | |
|---------|----------|---------------|
| 1. Maps | 2. Plans | 3. Resolution |
|---------|----------|---------------|



Village of Mukwonago GIS

Aerial

DISCLAIMER: The Village of Mukwonago does not guarantee the accuracy of the material contained here in and is not responsible for any misuse or misrepresentation of this information or its derivatives.



SCALE: 1" = 83 '

VILLAGE OF MUKWONAGO

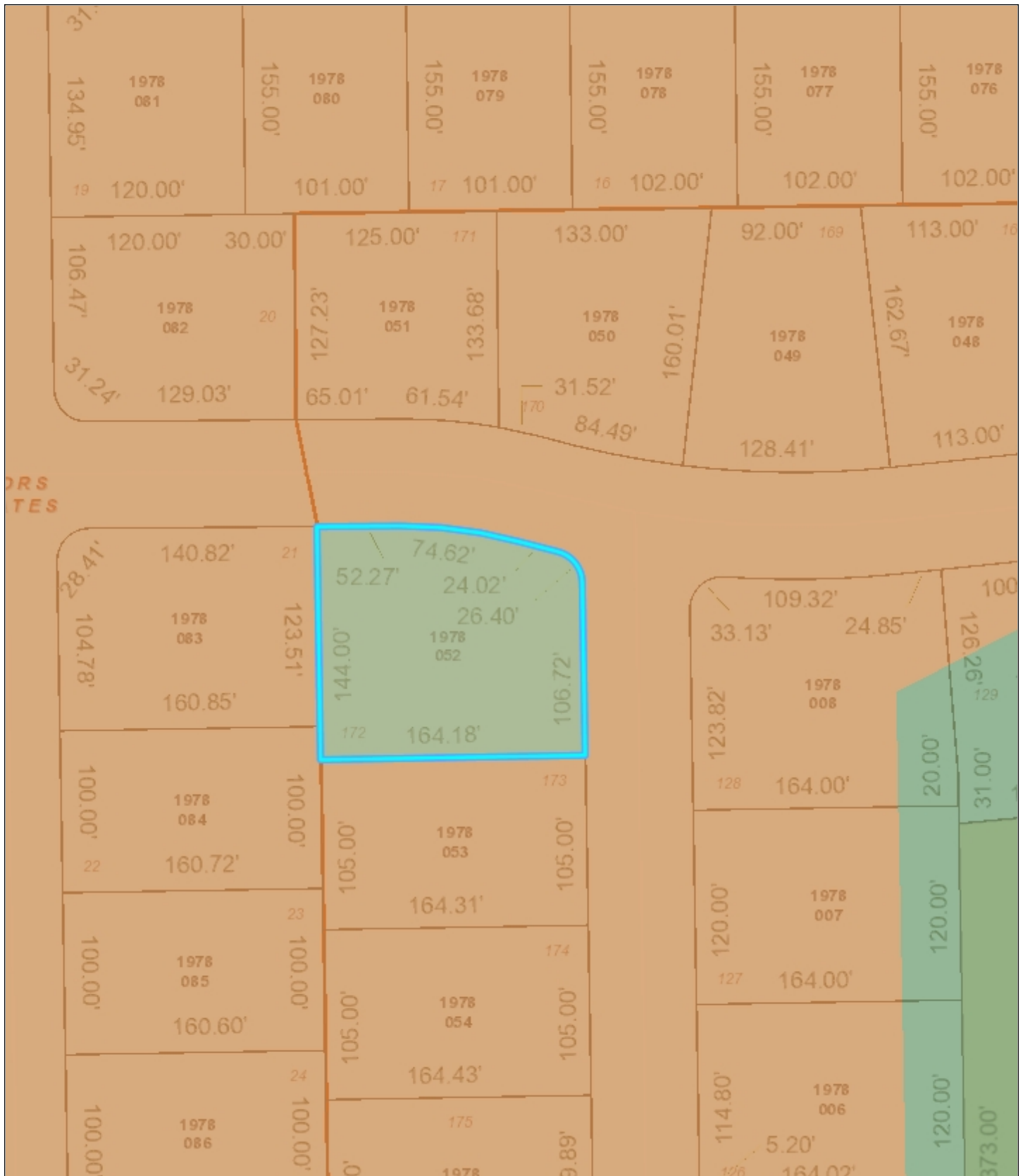
440 River Crest Court

PO Box 206

Mukwonago, WI 53149

262-363-6420

Print Date: 1/18/2022



Village of Mukwonago GIS

Land Use

DISCLAIMER: The Village of Mukwonago does not guarantee the accuracy of the material contained here in and is not responsible for any misuse or misrepresentation of this information or its derivatives.



SCALE: 1" = 83'

VILLAGE OF MUKWONAGO

440 River Crest Court
PO Box 206
Mukwonago, WI 53149
262-363-6420

Print Date: 1/18/2022



December 2, 2021

Everlight Solar
PO Box 930550
Verona, WI 53593

RE: Engineering Services
Stengel Residence
637 Augusta Dr, Mukwonago, WI
8.77 kW System
Solo Job #1696718

To Whom It May Concern,

We have reviewed the following information regarding the solar panel installation for this project. Alterations to these documents or plans shall not be made without direct written consent of the Engineer of Record.

A. Assumptions from Field Observation provided by Everlight Solar

The following structural design regarding the proposed alterations have been prepared from these assumptions. The verification of the field observations is the responsibility of the contractor. **Prior to commencement of work, the contractor shall verify the framing sizes, spacings, and spans noted in the sealed plans, calculations, and/or certification letter and notify the Engineer of Record of any discrepancies.**

	<u>Roof</u>
Roof Finish :	Asphalt Shingle
Roof Underlayment :	OSB
Roof Profile :	Hip Gable
Roof Structural System :	Metal Plate Trusses
Truss Top Chord/Setup :	2 x 4 / Howe
Chord/Rafter Wood Grade :	Doug-Fir #1 or better
Truss/Rafter Spacing :	24" o.c.
Roof Slope :	35 deg
Max Top Chord/Rafter Span :	7.2 ft
Bearing Wall Type :	Convl Lt-Frame Constr
Foundation :	Permanent Concrete
Stories :	Single

B. Building Design Criteria

Code : Wisc. UDC (ASCE 7-10)	Risk Category : II
Roof Live Load : 20 psf (0 psf at panels)	Occupancy Class : R-3
Min. Roof Snow Load : 30 psf	Roof Dead Load : 6.5 psf
Ult Wind Speed : 115 mph	PV Dead Load : <u>3 psf</u>
Exposure Category : C	Total Dead Load : 9.5 psf

C. Summary of Existing Structure Results

Roof

After review of the field observations and based on our calculations and in accordance with the applicable building codes and current industry standards, the existing roof structure supporting the proposed alterations consisting of the solar array has been determined to be:

- Adequate to support the additional imposed loads. **No structural upgrades are required.**

D. Solar Panel Support Bracket Anchorage

1. Solar panels shall be designed, mounted, and installed in accordance with the most recent "Quickbolt Manual", which can be found on the Quickbolt website (<http://quickbolt.com>).
2. Manufacturer's Panel Bracket Connection to Roof Chord/Rafter Member:

Fastener : (1) 5/16" Lag Screw per Bracket
NDS Withdrawl Value : 266 lbs/inch
Min. Thread Length and Penetration Depth : 2.5"

3. Considering the existing roof's slope, size, spacing, condition, and calculated loads, the panel bracket supports shall be placed no greater than 48 in. o/c.
4. Panel supports connections shall be staggered to distribute load to adjacent trusses.

E. Overall Summary

Based on the information supplied to us at the time of this report, on the evaluation of the existing structure, and solar array panel bracket connection, it is our opinion that the roof system will adequately support the additional loads imposed by the solar array. This evaluation conforms to Wisc. UDC and current industry standards.

Should you have any questions regarding this letter or if you require further information, do not hesitate to contact me.

Sincerely,

WISCONSIN
JOHN H. LEESMAN
E-38954
BOULDER CO
PROFESSIONAL ENGINEER
12/2/21

John H. Leesman, PE
License No. 38954-006

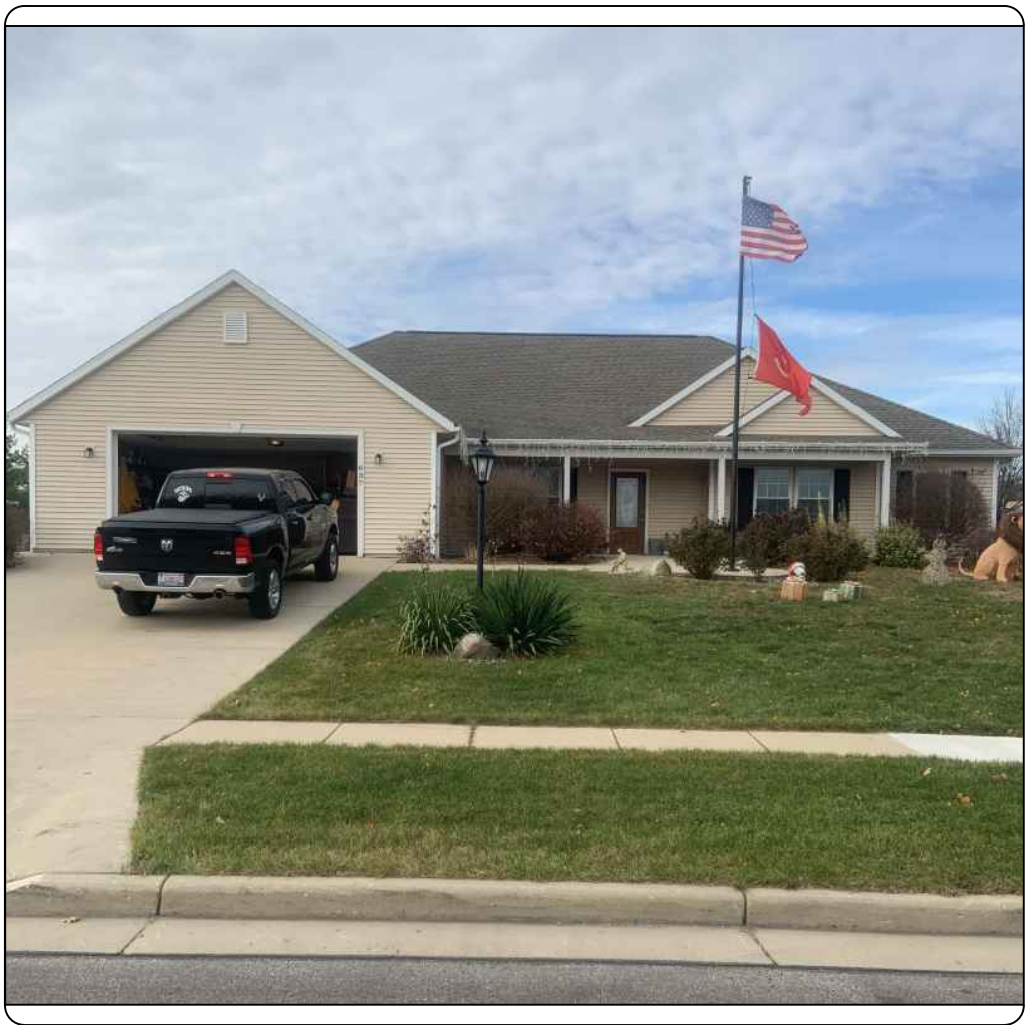
Limits of Scope of Work and Liability

The existing structure is assumed to have been designed and constructed following appropriate codes at the time of erection and assumed to have appropriated permits. The calculations performed are only for the roof framing supporting the solar array installation referenced in the stamped plans and were completed according to generally recognized structural analysis standards and procedures, professional engineering, and design experience opinions and judgements. Existing deficiencies which are unknown or were not observed during the time the site observation are not included in this scope of work. All solar panel modules, racking, and mounting equipment shall be designed and installed per the manufacturer's approved installation specifications. The Engineer of Record and the engineering consulting firm assume no responsibility for misuse or improper installation. This analysis is not stamped for water leakage. Framing was determined on information in provided plans and/or photos, along with engineering judgement. Prior to commencement of work, the contractor shall verify the framing sizes, spacings, and spans noted in the stamped plans, calculations, and/or certification letter and notify the Engineer of Record of any discrepancies prior to starting construction. If during solar panel installation, the roof framing members appear unstable or deflect non-uniformly, our office should be notified before proceeding with the installation. The contractor shall also verify that there are no damage/deficiencies (i.e., dry rot, water damage, termite damage, framing member/connection damage, etc.) to framing that was not addressed in the stamped plans, calculations, and/or certification letter and notify the Engineer of Record of any concerns prior to starting construction.

AERIAL VIEW:



STREET VIEW:



CONTRACTOR INFORMATION:

Everlight Solar Construction
PO Box 930550
Verona, WI 53593
License# DCQ-111802116
833.786.4387 ext. 701

SITE INFORMATION

Jermey Stengel
637 Augusta Dr
Mukwonago, WI 53149
AC SYSTEM SIZE: 8.768 kW AC
DC SYSTEM SIZE: 11.52 kW DC
Lat, 42.86997587
Long, -88.3634216
(32) Silfab SIL-360 NX mono PERC PV
MODULES
(16) AP Systems YC600 INVERTER(S)

We Energies

GENERAL NOTES

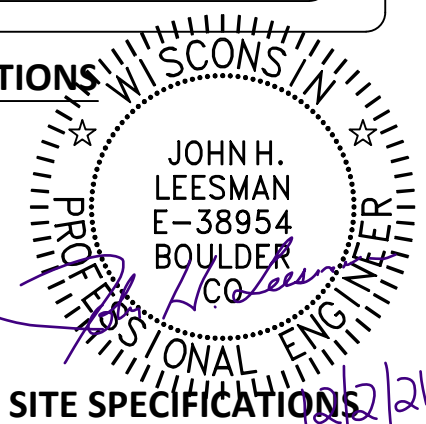
1. INSTALLATION OF SOLAR PHOTOVOLTAIC SYSTEM SHALL BE IN ACCORDANCE WITH NEC ARTICLE 690, AND ALL OTHER APPLICABLE NEC CODES WHERE NOTED OR EXISTING.
2. PROPER ACCESS AND WORKING CLEARANCE AROUND EXISTING AND PROPOSED ELECTRICAL EQUIPMENT WILL COMPLY WITH NEC ARTICLE 110.
3. ALL WIRES, INCLUDING THE GROUNDING ELECTRODE CONDUCTOR SHALL BE PROTECTED FROM PHYSICAL DAMAGE IN ACCORDANCE WITH NEC ARTICLE 250
4. THE PV MODULES ARE CONSIDERED NON-COMBUSTIBLE; THIS SYSTEM IS UTILITY INTERACTIVE PER UL 1741 AND DOES NOT INCLUDE STORAGE BATTERIES OR OTHER ALTERNATIVE STORAGE SOURCES.
5. ALL DC WIRES SHALL BE SIZED ACCORDING TO [NEC 690.8]
6. DC CONDUCTORS SHALL BE WITHIN PROTECTED RACEWAYS IN ACCORDANCE WITH [NEC 690.31]
7. ALL SIGNAGE TO BE PLACED IN ACCORDANCE WITH LOCAL JURISDICTIONAL BUILDING CODE.

PHOTOVOLTAIC (PV) SYSTEM SPECIFICATIONS

EQUIPMENT:
AC SYSTEM SIZE: 8.768 kW AC
DC SYSTEM SIZE: 11.52 kW DC
(32) Silfab SIL-360 NX mono PERC PV MODULES
(16) AP Systems YC600 INVERTER(S)
RACKING: IronRidge - 48" O.C.

APPLICABLE GOVERNING CODES

2017 NEC/ Wisconsin SPS 316
Wisconsin Uniform Dwelling Code SPS 320-325
SPS 321 Construction Standards



SITE SPECIFICATIONS

OCCUPANCY: R-3
ZONING: RESIDENTIAL

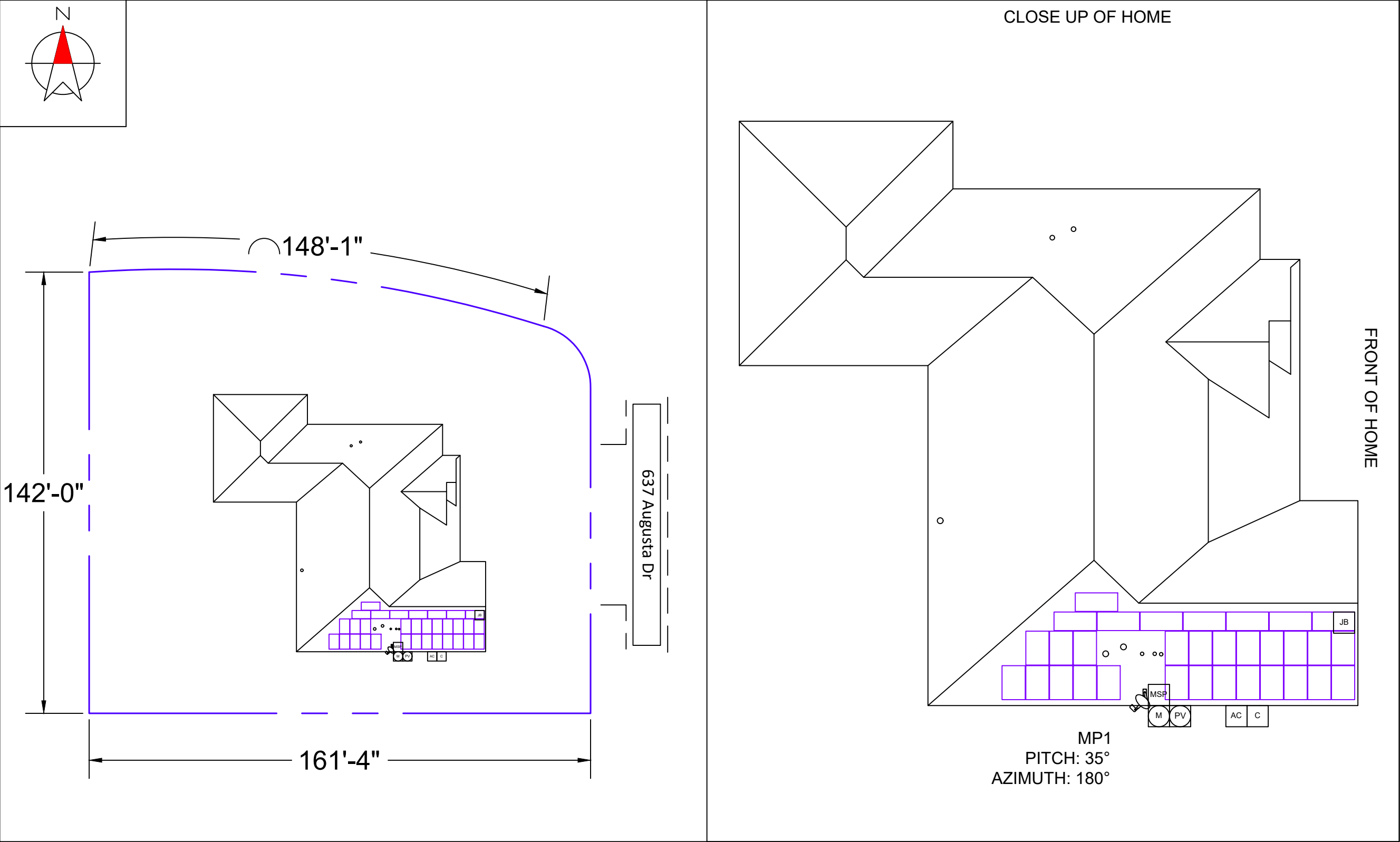
SHEET INDEX:

- PV01 COVER PAGE
- PV02 SITE PLAN
- PV03 ROOF ATTACHMENTS
- PV04 MOUNTING DETAIL
- PV05 LINE DIAGRAM
- PV06 LABELS
- PV07 PLACARD
- PV08 SITE PHOTOS

DRAWN BY: SoloCAD

DATE:
December 2, 2021

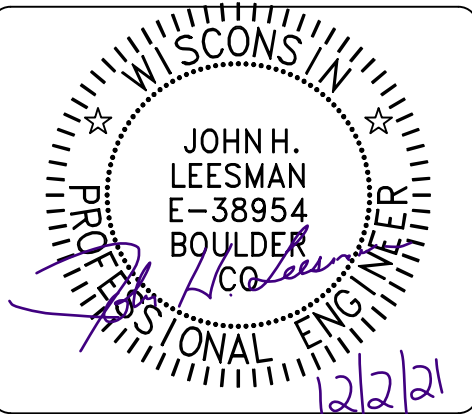
COVER PAGE - PV01



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MODULES
(16) AP Systems YC600 INVERTER(S)
We Energies



EQUIPMENT LEGEND:

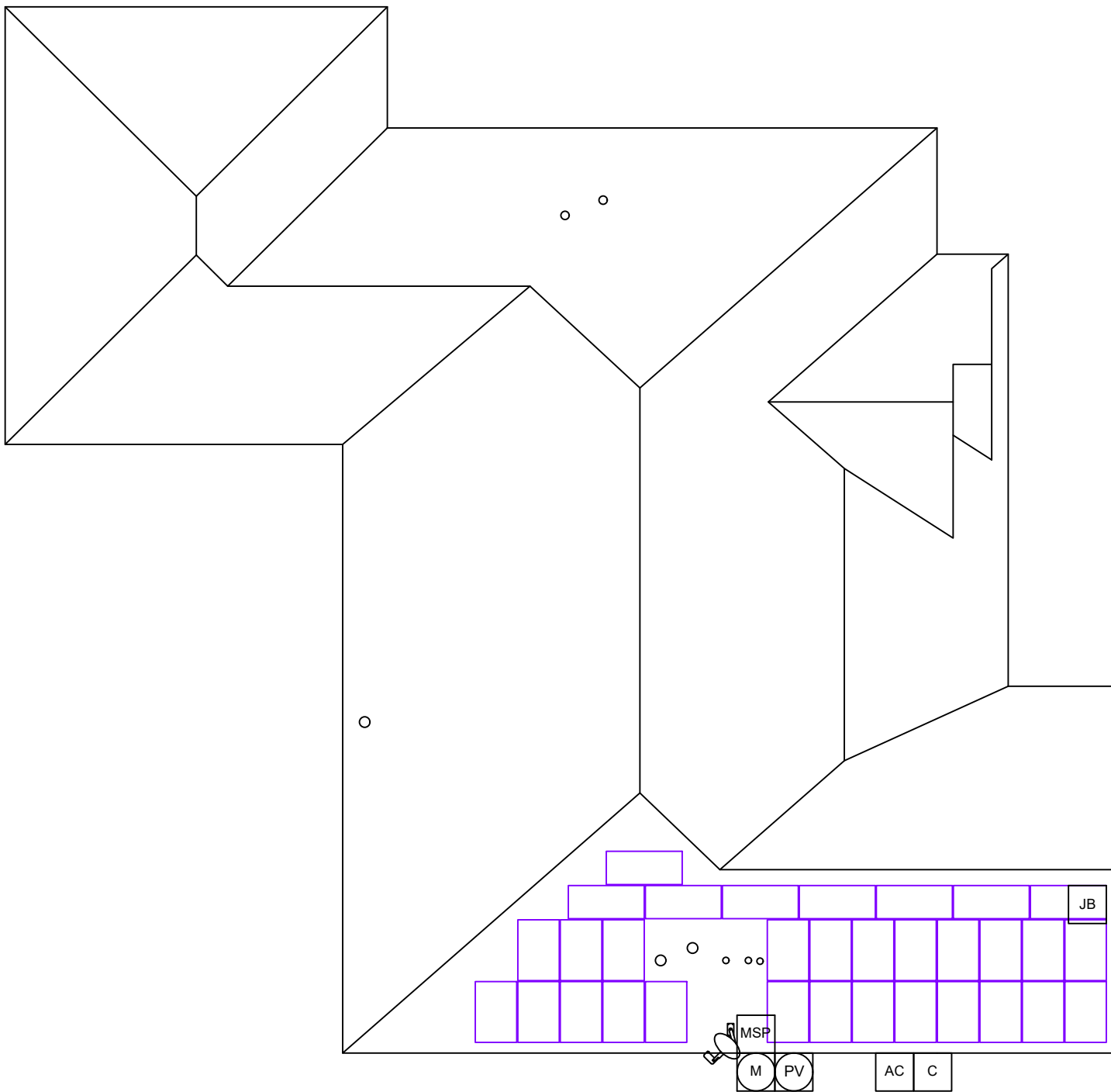
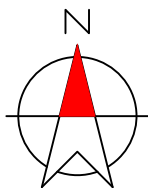
- | | | | | | |
|--------------------|--|--------------|-------------|------------------------------|--------------|
| UTILITY METER | VISIBLE, LOCKABLE, LABELED AC DISCONNECT | INVERTER | SUB PANEL | FIRE ACCESS PATHWAY (3' TYP) | BATTERY(IES) |
| MAIN SERVICE PANEL | METER SOCKET (FOR UTILITY PV METER) | COMBINER BOX | LOAD CENTER | PROPERTY LINE | |

VISIBLE, LOCKABLE,
LABELED AC DISCONNECT
LOCATED WITHIN 10'
OF UTILITY METER

DRAWN BY: SoloCAD

DATE:
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SITE PLAN - PV02

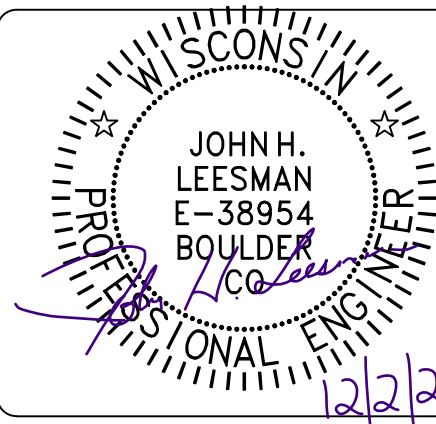


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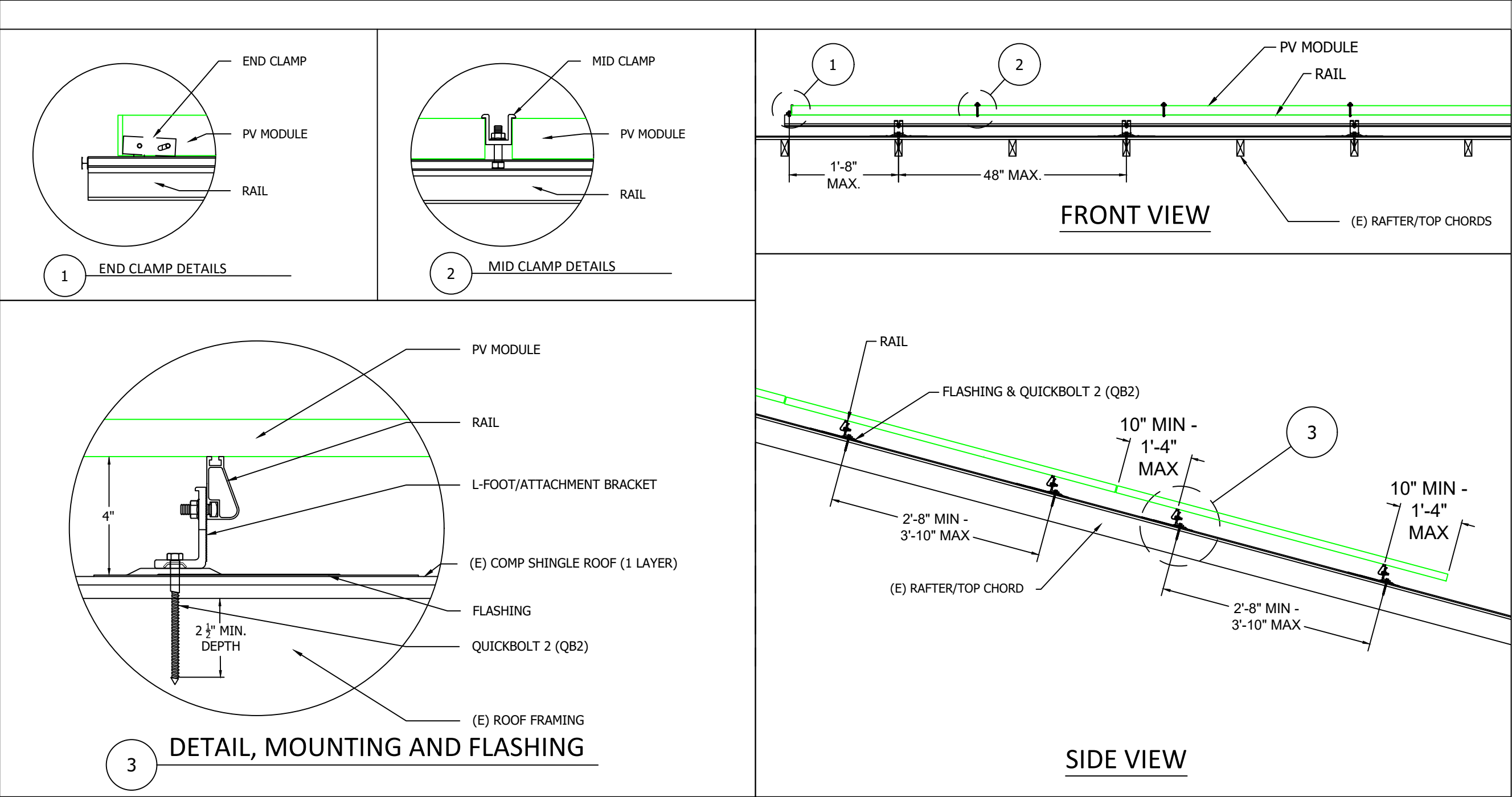


DRAWN BY: SoloCAD

DATE:
December 2, 2021

ROOF ATTACHMENTS - PV03

EQUIPMENT INFORMATION:		ROOF INFO:		PHOTOVOLTAIC ARRAY STRUCTURAL CRITERIA:	
RAIL MANUFACTURER	IronRidge	ROOF TYPE	asphalt_shingle	PV MODULE COUNT:	32
RAIL PART NUMBER	XR-10	ROOF FRAMING	manufactured_truss	ARRAY AREA:	MODULE COUNT * 18.06ft² = 577.92
ATTACHMENTS	Quickbolt 2 (QB2)	RAFTER/TOP CHORD SIZE	2x4	ROOF AREA:	4994 ft²
ATTACHMENT QTY	70	RAFTER/TOP CHORD SPACING	24"	PERCENT OF ROOF COVERED:	12%
SPLICE QTY	12	ATTACHMENT SPACING	48	ARRAY WEIGHT:	MODULE COUNT * 50lbs = 1600
MIDCLAMP QTY	52			DISTRIBUTED LOAD:	ARRAY LBS/ATTACHMENTS = 22.86
ENDCLAMP QTY	24			POINT LOAD: (lbs/ft²)	(ARRAY) WEIGHT/AREA = 2.77 lbs/ft²

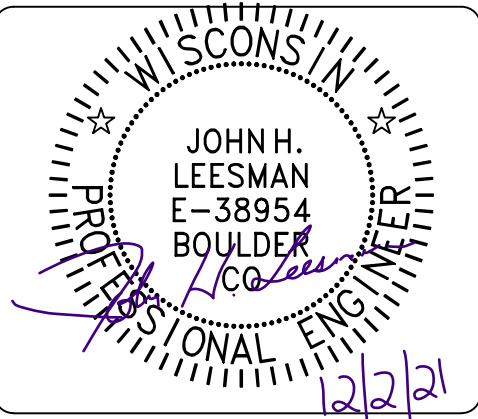


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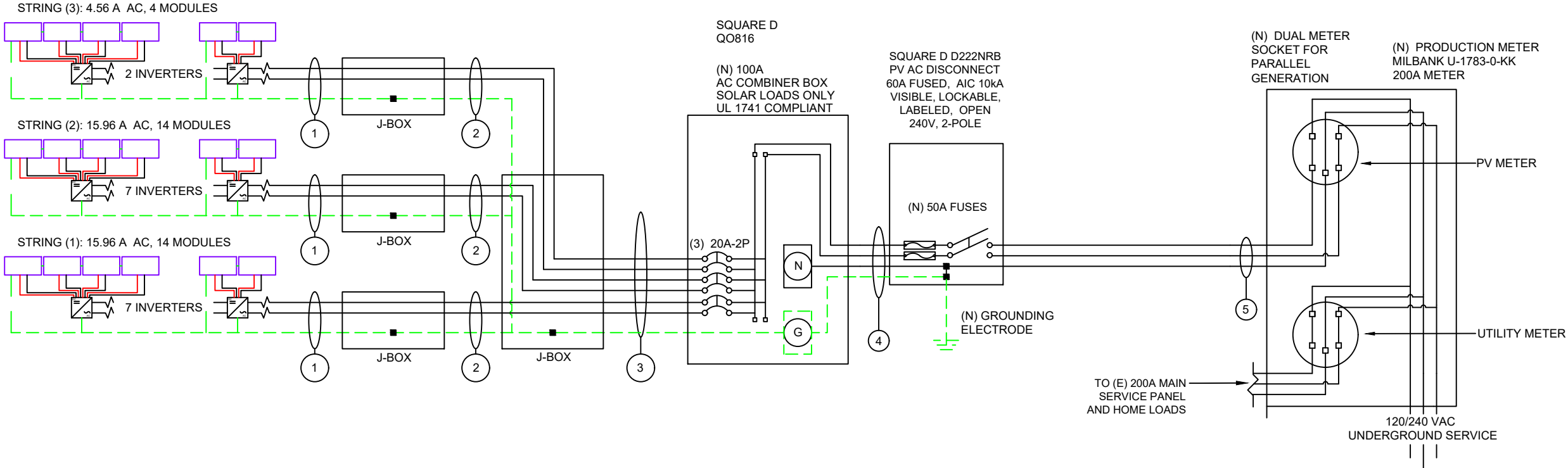
DATE:
December 2, 2021

MOUNTING DETAIL - PV04

EQUIPMENT INFORMATION:		ROOF INFO:		PHOTOVOLTAIC ARRAY STRUCTURAL CRITERIA:	
RAIL MANUFACTURER	IronRidge	ROOF TYPE	asphalt_shingle	PV MODULE COUNT:	32
RAIL PART NUMBER	XR-10	ROOF FRAMING	manufactured_truss	ARRAY AREA:	MODULE COUNT * 18.06ft ² = 577.92
ATTACHMENTS	Quickbolt 2 (QB2)	RAFTER/TOP CHORD SIZE	2x4	ROOF AREA:	4994 ft ²
ATTACHMENT QTY	70	RAFTER/TOP CHORD SPACING	24"	PERCENT OF ROOF COVERED:	12%
SPLICE QTY	12	ATTACHMENT SPACING	48	ARRAY WEIGHT:	MODULE COUNT * 50lbs = 1600
MIDCLAMP QTY	52			DISTRIBUTED LOAD:	ARRAY LBS/ATTACHMENTS = 22.86
ENDCLAMP QTY	24			POINT LOAD: (lbs/ft ²)	(ARRAY) WEIGHT/AREA = 2.77 lbs/ft ²

EQUIPMENT SCHEDULE:			
TYPE:	QTY:	DESCRIPTION:	RATING:
MODULES:	(32)	Silfab SIL-360 NX mono PERC	360 W
INVERTERS:	(16)	AP Systems YC600	548 W
AC DISCONNECT(S):	(1)	PV AC DISCONNECT, 240V, 2-POLE	60A

Conduit & Conductor Schedule									
TAG	WIRE GAUGE	DESCRIPTION	QTY	CONDUIT SIZE	CONDUCTOR RATING	# OF CONDUCTORS DERATE	TEMP. DERATE	CONDUCTOR RATING W/DERATES	CONDUIT FILL
1	12-2	TC-ER, THWN-2, COPPER (L1, L2)	(2)	N/A - FREE AIR	30A	N/A - FREE AIR	0.96	28.8A	N/A - FREE AIR
	6 AWG	BARE, COPPER (GROUND)	(1)						
2	10 AWG	THWN-2, or THHN, or 10/2 NM-B COPPER - (L1, L2)	(2)	3/4" EMT	40A	1	0.96	38.4A	11.9%
	10 AWG	THWN-2, or THHN, or 10/2 NM-B COPPER - (GROUND)	(1)						
3	10 AWG	THHN/THWN-2, COPPER - (L1, L2)	(6)	3/4" EMT	40A	0.8	0.96	30.72A	27.8%
	10 AWG	THHN/THWN-2 - (GROUND)	(1)						
4	6 AWG	THWN-2 COPPER - (L1, L2, NEUTRAL)	(3)	3/4" EMT	65A	1	0.96	62.4A	35.5%
	10 AWG	THWN-2 COPPER - (GROUND)	(1)						
5	6 AWG	THWN-2 COPPER - (L1,L2,NEUTRAL)	(3)	3/4" EMT	65A	1	0.96	62.4A	28.61%
	NONE	N/A - NO GROUND WIRE PRESENT	(0)						



GROUNDING & GENERAL NOTES:

1. PV INVERTER IS UNGROUNDED, TRANSFORMER-LESS TYPE.
2. EGC TO BE SPLICED TO NEW OR EXISTING ELECTRODE
3. ANY EXISTING WIRING INVOLVED WITH PV SYSTEM CONNECTION THAT IS FOUND TO BE INADEQUATE PER CODE SHALL BE CORRECTED PRIOR TO FINAL INSPECTION.
4. JUNCTION BOX QUANTITIES, AND PLACEMENT SUBJECT TO CHANGE IN THE FIELD - JUNCTION BOXES DEPICTED ON ELECTRICAL DIAGRAM REPRESENT WIRE TYPE TRANSITIONS.
5. AC DISCONNECT NOTED IN EQUIPMENT SCHEDULE OPTIONAL IF OTHER AC DISCONNECTING MEANS IS LOCATED WITHIN 10' OF SERVICE DISCONNECT.

INTERCONNECTION NOTES

1. GROUND FAULT PROTECTION IN ACCORDANCE WITH [NEC 215.9] & [NEC 230.95]
2. SUPPLY SIDE INTERCONNECTION ACCORDING TO [NEC705.12(A)]

DISCONNECT NOTES

1. DISCONNECTING SWITCHES SHALL BE WIRED SUCH THAT WHEN THE SWITCH IS OPENED THE CONDUCTORS REMAINING LIVE ARE CONNECTED TO THE TERMINALS MARKED "LINE SIDE" (TYPICALLY THE UPPER TERMINALS)
2. AC DISCONNECT MUST BE ACCESSIBLE TO QUALIFIED UTILITY PERSONNEL, BE LOCKABLE, AND BE A VISIBLE-BREAK SWITCH.
3. FUSED AC DISCONNECT TO BE USED.

VISIBLE, LOCKABLE,
LABELED AC DISCONNECT
LOCATED WITHIN 10'
OF UTILITY METER



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We Energies

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DATE:
December 2, 2021

LINE DIAGRAM - PV05

WARNING

ELECTRIC SHOCK HAZARD

**TERMINALS ON THE LINE AND
LOAD SIDES MAY BE ENERGIZED
IN THE OPEN POSITION**

LABEL 1
FOR PV DISCONNECTING MEANS WHERE THE LINE AND
LOAD TERMINALS MAY BE ENERGIZED IN THE OPEN
POSITION.
[NEC 690.13(B)]

WARNING

**THIS EQUIPMENT IS FED BY MULTIPLE
SOURCES. TOTAL RATING OF ALL
OVERCURRENT DEVICES, EXCLUDING
MAIN SUPPLY OVERCURRENT
DEVICE, SHALL NOT EXCEED
AMPACITY OF BUSBAR.**

LABEL 2
PLACED ADJACENT TO THE BACK-FED BREAKER
FROM THE INVERTER IF TIE IN CONSISTS OF
LOAD SIDE CONNECTION TO BUSBAR.
[NEC 705.12(B)(2)(3)(b)]

WARNING

INVERTER OUTPUT CONNECTION

**DO NOT RELOCATE
THIS OVERCURRENT
DEVICE**

LABEL 3
PLACED ADJACENT TO THE BACK-FED BREAKER
FROM THE INVERTER IF TIE IN CONSISTS OF
LOAD SIDE CONNECTION TO BUSBAR.
[NEC 705.12(B)(2)(3)(c)]

WARNING

DUAL POWER SUPPLY

**SOURCES: UTILITY GRID AND PV
SOLAR ELECTRIC SYSTEM**

LABEL 4
EQUIPMENT CONTAINING OVERCURRENT
DEVICES IN CIRCUITS SUPPLYING POWER
TO A BUSBAR OR CONDUCTOR SUPPLIED
FROM MULTIPLE SOURCES SHALL BE
MARKED TO INDICATE THE PRESENCE OF
ALL SOURCES [NEC 705.12(B)(3)]

PHOTOVOLTAIC AC DISCONNECT

RATED AC OUTPUT CURRENT:

36

NOMINAL OPERATING AC VOLTAGE:

240

LABEL 5
AT POINT OF INTERCONNECTION, MARKED
AT AC DISCONNECTING MEANS.
[NEC 690.54, NEC 690.13 (B)]

- LABELING NOTES:
1. LABELS CALLED OUT ACCORDING TO ALL COMMON CONFIGURATIONS. ELECTRICIAN TO DETERMINE EXACT REQUIREMENTS IN THE FIELD PER CURRENT NEC AND LOCAL CODES AND MAKE APPROPRIATE ADJUSTMENTS.
 2. LABELING REQUIREMENTS BASED ON THE 2017 NATIONAL ELECTRIC CODE, OSHA STANDARD 19010.145, ANSI Z535.
 3. MATERIAL BASED ON THE REQUIREMENTS OF THE AUTHORITY HAVING JURISDICTION.
 4. LABELS TO BE OF SUFFICIENT DURABILITY TO WITHSTAND THE ENVIRONMENT INVOLVED [NEC 110.21(B)(3)]
 5. LABELS TO BE A MINIMUM LETTER HEIGHT OF 3/8", WHITE ON RED BACKGROUND; REFLECTIVE, AND PERMANENTLY AFFIXED [IFC 605.11.1.1]

**WARNING: PHOTOVOLTAIC
POWER SOURCE**

**SOLAR PV SYSTEM EQUIPPED
WITH RAPID SHUTDOWN**

TURN RAPID SHUTDOWN
SWITCH TO THE "OFF"
POSITION TO SHUT DOWN
PV SYSTEM AND REDUCE
SHOCK HAZARD IN ARRAY

LABEL 6
AT DIRECT-CURRENT EXPOSED RACEWAYS, CABLE TRAYS, COVERS
AND ENCLOSURES OF JUNCTION BOXES, AND OTHER WIRING METHODS;
SPACED AT MAXIMUM 10FT SECTION OR WHERE SEPARATED BY
ENCLOSURES, WALLS, PARTITIONS, CEILINGS, OR FLOORS.
[NEC 690.31(G)(3&4)]

LABEL 7
FOR PV SYSTEMS THAT SHUT DOWN THE ARRAY AND CONDUCTORS
LEAVING THE ARRAY:
SIGN TO BE LOCATED ON OR NO MORE THAN 3 FT AWAY FROM SERVICE
DISCONNECTING MEANS TO WHICH THE PV SYSTEMS ARE CONNECTED
AND SHALL INDICATE THE LOCATION OF ALL IDENTIFIED RAPID
SHUTDOWN SWITCHES IF NOT AT THE SAME LOCATION.
[NEC 690.56(C)(1)(A)]

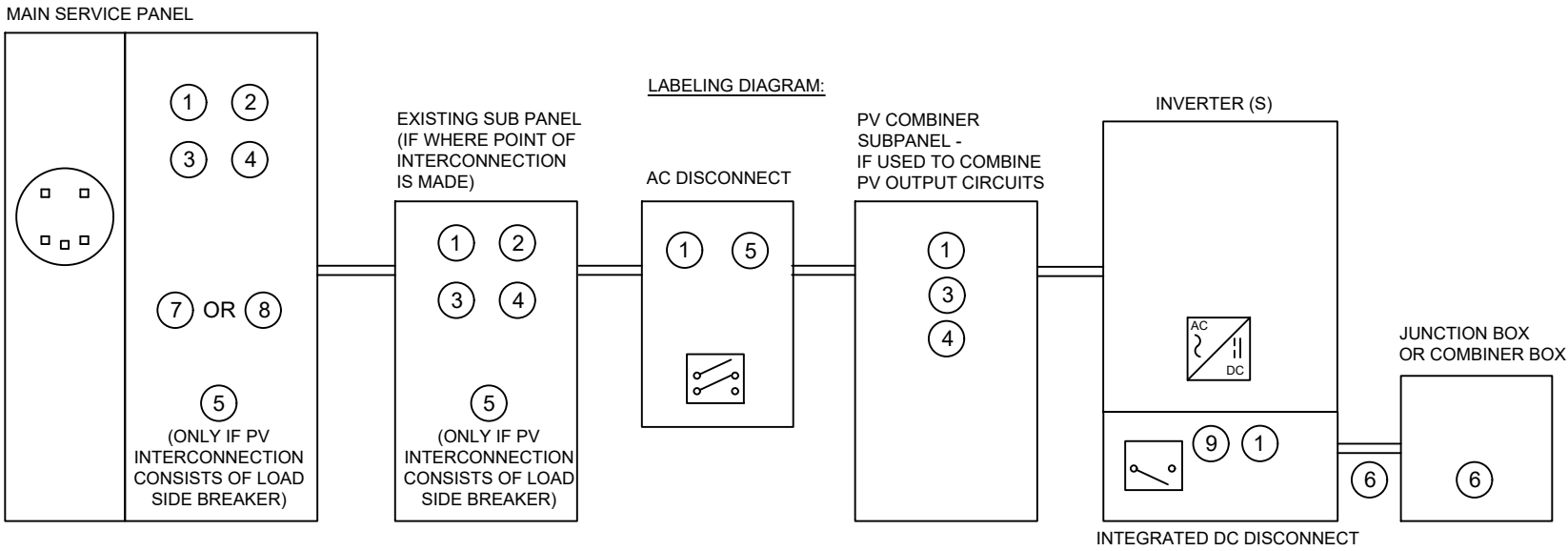
**SOLAR PV SYSTEM EQUIPPED
WITH RAPID SHUTDOWN**

TURN RAPID SHUTDOWN
SWITCH TO THE "OFF"
POSITION TO SHUT DOWN
CONDUCTORS OUTSIDE
THE ARRAY. CONDUCTORS
WITHIN THE ARRAY REMAIN
ENERGIZED IN SUNLIGHT

LABEL 8
FOR PV SYSTEMS THAT ONLY SHUT DOWN
CONDUCTORS LEAVING THE ARRAY:
SIGN TO BE LOCATED ON OR NO MORE THAN 3 FT
AWAY FROM SERVICE DISCONNECTING MEANS TO
WHICH THE PV SYSTEMS ARE CONNECTED AND
SHALL INDICATE THE LOCATION OF ALL IDENTIFIED
RAPID SHUTDOWN SWITCHES IF NOT AT THE SAME
LOCATION.
[NEC 690.56(C)(1)(b)]

**RAPID SHUTDOWN
SWITCH FOR
SOLAR PV SYSTEM**

LABEL 9
SIGN LOCATED AT RAPID SHUT DOWN
DISCONNECT SWITCH [NEC 690.56(C)(3)].



*ELECTRICAL DIAGRAM SHOWN ABOVE IS FOR LABELING PURPOSES ONLY. NOT AN ACTUAL REPRESENTATION OF EQUIPMENT AND CONNECTIONS TO BE INSTALLED. LABEL LOCATIONS PRESENTED MAY VARY DEPENDING ON TYPE OF INTERCONNECTION METHOD AND LOCATION PRESENTED ON THE ELECTRICAL DIAGRAM PAGE.



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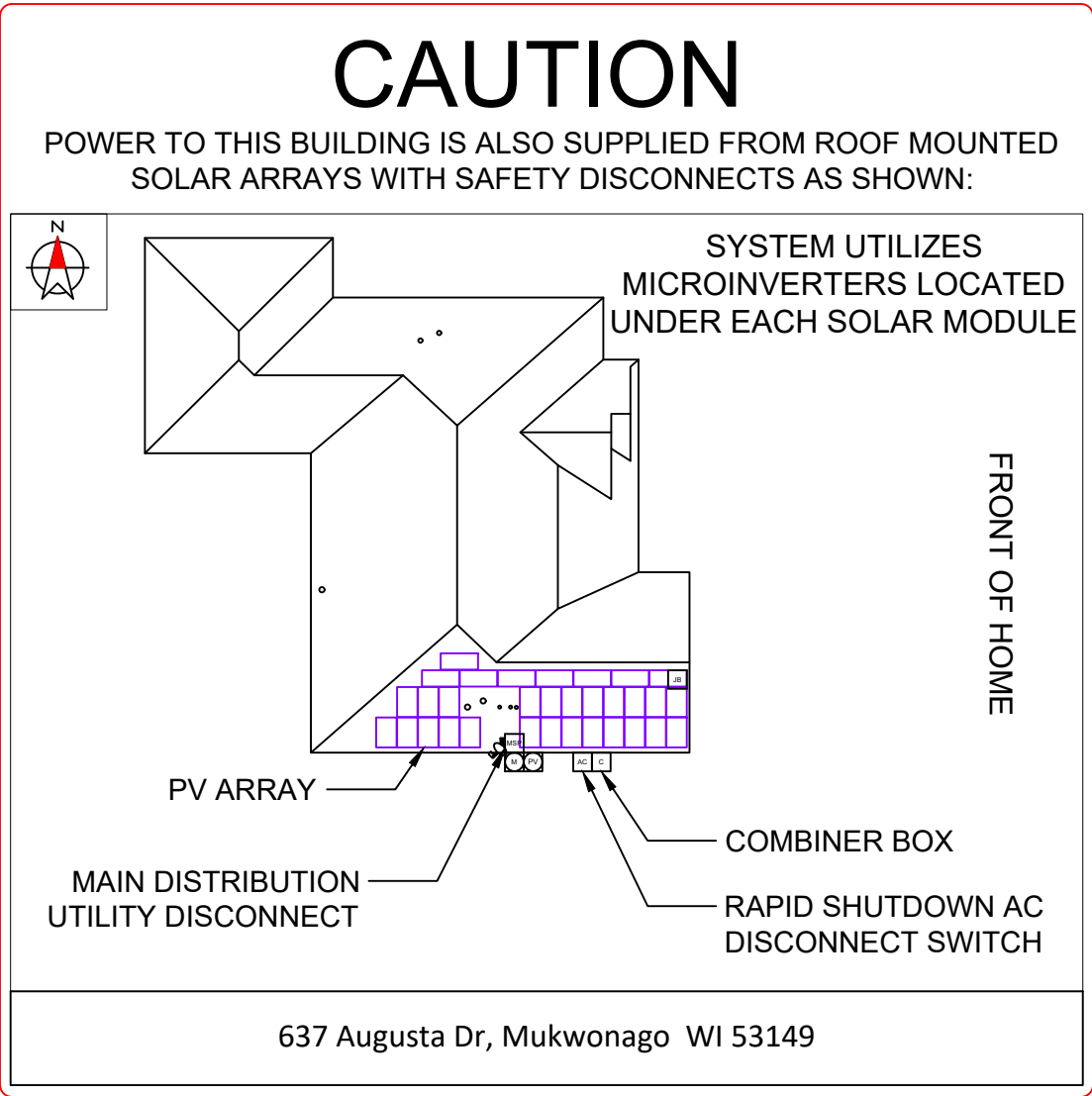
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DATE:
December 2, 2021

LABELS - PV06



DIRECTORY
PERMANENT PLAQUE OR DIRECTORY PROVIDING THE LOCATION OF THE SERVICE DISCONNECTING MEANS AND THE PHOTOVOLTAIC SYSTEM.

(ALL PLAQUES AND SIGNAGE WILL BE INSTALLED AS OUTLINED WITHIN: NEC 690.56(B)&(C), [NEC 705.10])



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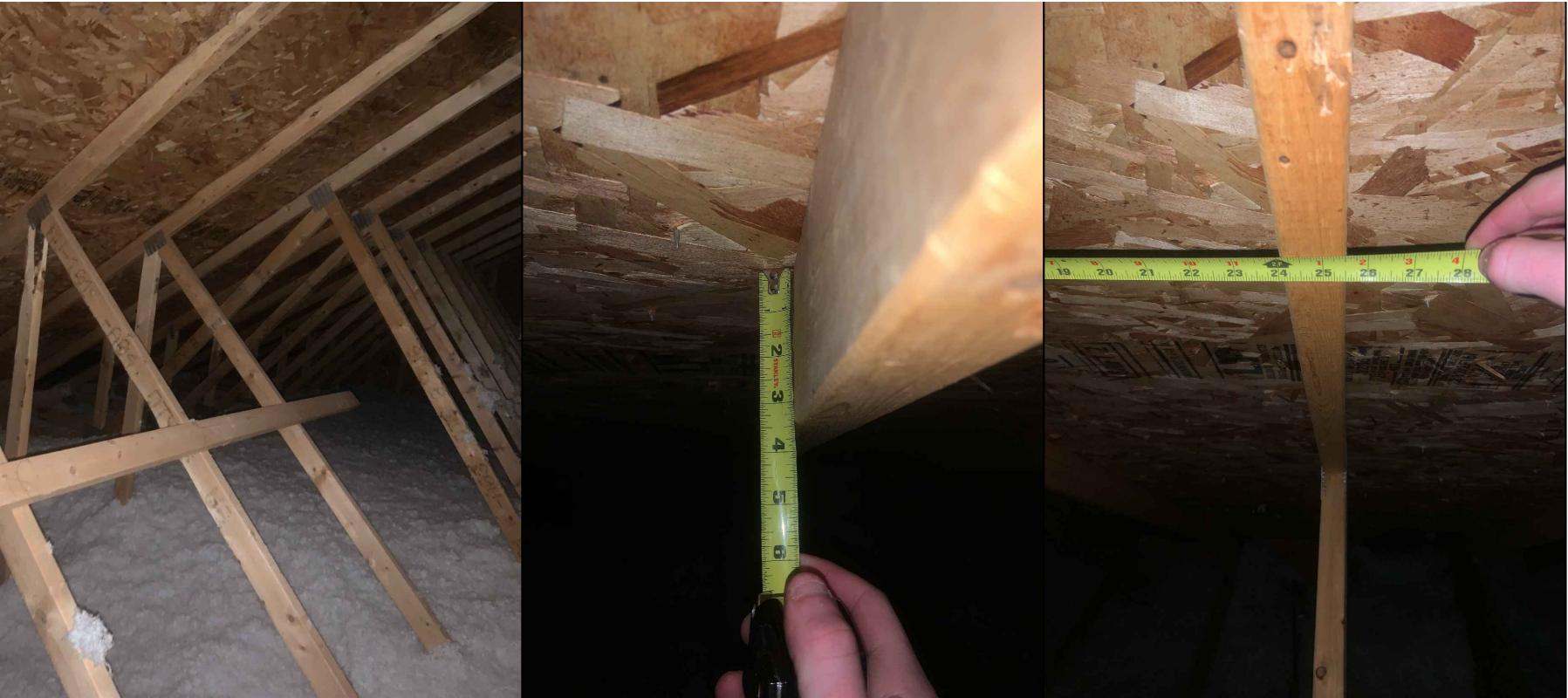
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DATE:
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PLACARD - PV07

SITE PHOTOS:



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DRAWN BY: SoloCAD
DATE:
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SITE PHOTOS - PV08

SITE PHOTOS:



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FRONT/BACK VIEWS - PV08.1

SITE PHOTOS:



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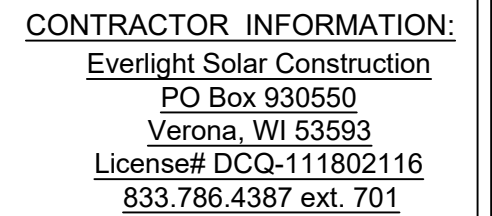
We Energies

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SIDE VIEWS - PV08.2

A photograph of a single-story house with a brown shingled roof and light-colored horizontal siding. A DIRECTV satellite dish is mounted on the roof. On the side of the house, there are three windows with white frames. Below the windows, there is a black wheelbarrow, a black trash can, a grey utility box, and a grey HVAC unit. A large green bush is in the foreground on the left. The sky is blue with some clouds.



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DATE:
December 2, 2021

252



SIL-360 NX



Proud Partner of
Everlight Solar

HIGH EFFICIENCY PREMIUM MONO-PERC PV MODULE



CHUBB®
* Chubb provides error and omission insurance to Silfab Solar Inc.

INDUSTRY LEADING WARRANTY

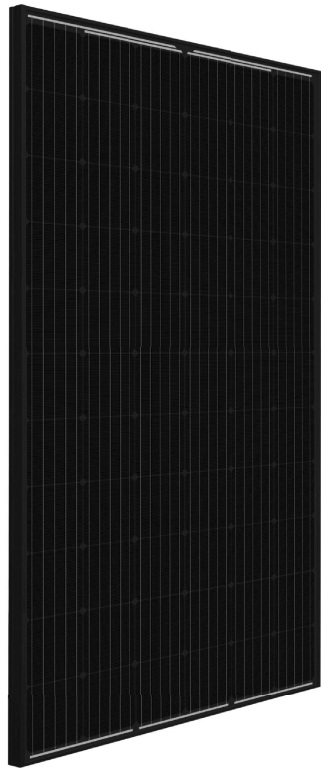
All our products include an industry leading 25-year product workmanship and 30-year performance warranty.

35+ YEARS OF SOLAR INNOVATION

Leveraging over 35+ years of worldwide experience in the solar industry, Silfab is dedicated to superior manufacturing processes and innovations such as Bifacial and Back Contact technologies, to ensure our partners have the latest in solar innovation.

NORTH AMERICAN QUALITY

Silfab is the leading automated solar module manufacturer in North America. Utilizing premium quality materials and strict quality control management to deliver the highest efficiency, premium quality PV modules.



BAA / ARRA COMPLIANT

Silfab panels are designed and manufactured to meet Buy American Act Compliance. The US State Department, US Military and FAA have all utilized Silfab panels in their solar installations.

LIGHT AND DURABLE

Engineered to accommodate high wind load conditions for test loads validated up to 4000Pa uplift. The light-weight frame is exclusively designed for wide-ranging racking compatibility and durability.

QUALITY MATTERS

Total automation ensures strict quality controls during the entire manufacturing process at our ISO certified facilities.

DOMESTIC OPERATIONS

Our 500+ North American team is ready to help our partners win the hearts and minds of customers, providing customer service and product delivery that is direct, efficient and local.

AESTHETICALLY PLEASING

All black sleek design, ideal for high-profile residential or commercial applications.

PID RESISTANT

PID Resistant due to advanced cell technology and material selection. In accordance to IEC 62804-1.

Electrical Specifications		SIL-360 NX mono PERC	
Test Conditions		STC	NOCT
Module Power (Pmax)	Wp	360	258
Maximum power voltage (Vpmax)	V	36.6	33.1
Maximum power current (Ipmax)	A	9.9	7.8
Open circuit voltage (Voc)	V	44.5	40.4
Short circuit current (Isc)	A	10.5	8.2
Module efficiency	%	19.7	17.6
Maximum system voltage (VDC)	V	1000	
Series fuse rating	A	20	
Power Tolerance	Wp	0 to +10	
Measurement conditions: STC 1000 W/m2 • AM 1.5 • Temperature 25 °C • NOCT 800 W/m2 • AM 1.5 • Measurement uncertainty ≤ 3% • Sun simulator calibration reference modules from Fraunhofer Institute. Electrical characteristics may vary by ±5% and power by 0 to +10W.			
Temperature Ratings		SIL-360 NX mono PERC	
Temperature Coefficient Isc		+0.064 %/°C	
Temperature Coefficient Voc		-0.28 %/°C	
Temperature Coefficient Pmax		-0.36 %/°C	
NOCT (± 2°C)		46 °C	
Operating temperature		-40/+85 °C	
Mechanical Properties and Components		SIL-360 NX mono PERC	
		Metric	Imperial
Module weight		20±0.2 kg	44±0.4 lbs
Dimensions (H x L x D)		1832 mm x 1000 mm x 38 mm	72.13 in x 39.4 in x 1.5 in
Maximum surface load (wind/snow)*		4000 Pa rear load / 5400 Pa front load	83.5/112.8 lb/ft^2
Hail impact resistance		Ø 25 mm at 83 km/h	Ø 1 in at 51.6 mph
Cells		66 - Si mono-PERC - 5 busbar 158.75 x 158.75 mm	66 - Si mono-PERC - 5 busbar 62.25 x 62.25 in
Glass		3.2 mm high transmittance, tempered, DSM anti-reflective coating	0.126 in high transmittance, tempered, DSM anti-reflective coating
Cables and connectors (refer to installation manual)		1200 mm Ø 5.7 mm, MC4 from Staubli	47.2 in, Ø 0.22 (12AWG), MC4 from Staubli
Backsheet	High durability, superior hydrolysis and UV resistance, multi-layer dielectric film, fluorine-free PV backsheet		
Frame	Anodized Aluminum (Black)		
Bypass diodes	3 diodes-30SQ045T (45V max DC blocking voltage, 30A max forward rectified current)		
Junction Box	UL 3730 Certified, IEC 62790 Certified, IP67 rated		
Warranties		SIL-360 NX mono PERC	
Module product workmanship warranty		25 years**	
Linear power performance guarantee		30 years	
		≥ 97.1% end 1 st year	≥ 91.6% end 12 th year ≥ 85.1% end 25 th year ≥ 82.6% end 30 th year
Certifications		SIL-360 NX mono PERC	
Product	ULC ORD C1703, UL1703, CEC listed***, UL 61215-1/-1-1/-2, UL 61730-1/-2, IEC 61215-1/-1-1/-2***, IEC 61730-1/-2***, CSA C22.2#61730-1/-2, IEC 62716 Ammonia Corrosion; IEC61701:2011 Salt Mist Corrosion Certified, UL Fire Rating: Type 2		
Factory	ISO9001:2015		

All states except California California
■ Modules Per Pallet: 26 ■ Modules Per Pallet: 26
■ Pallets Per Truck: 34 ■ Pallets Per Truck: 32
■ Modules Per Truck: 884 ■ Modules Per Truck: 832

*▲ Warning. Read the Safety and Installation Manual for mounting specifications and before handling, installing and operating modules.

**12 year extendable to 25 years subject to registration and conditions outlined under "Warranty" at www.silfabsolar.com.

***Certification and CEC listing in progress.

PAN files generated from 3rd party performance data are available for download at: www.silfabsolar.com/downloads.



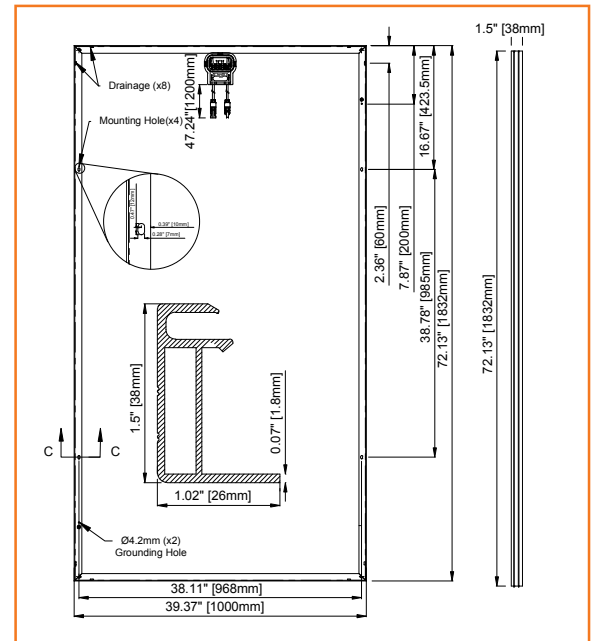
Everlight Solar
Tel 833-786-4387
www.everlightsolar.com



Silfab Solar Inc.
240 Courtnepark Drive East
Mississauga ON L5T 2Y3 Canada
Tel +1 905-255-2501 | Fax +1 905-696-0267
info@silfabsolar.com | www.silfabsolar.com



Silfab Solar Inc.
800 Cornwall Ave
Bellingham WA 98225 USA
Tel +1 360-569-4733



APsystems YC600 Microinverter Datasheet

INPUT DATA (DC)

Module Compatibility	60 & 72 Cell PV Modules
MPPT Voltage Range	22V-48V
Operation Voltage Range	16V-55V
Maximum Input Voltage	55V
Maximum Input Current	12A x 2
Maximum Total PV Array Short Circuit Current	15A

OUTPUT DATA (AC)

	240V	208V
Maximum Continuous Output Power	548VA	548VA
Peak Output Power	600VA	600VA
Nominal Output Voltage	240V	208V
Nominal Output Current	2.28A	2.63A
Nominal Output Frequency	60Hz	60Hz
Adjustable Output Voltage Range	211-264V	183-229V
Adjustable Output Frequency Range	59.3 - 60.5Hz	59.3 - 60.5Hz
Power Factor (Adjustable)	0.8 leading...0.8 lagging	0.8 leading...0.8 lagging
Total Harmonic Distortion	<3%	<3%
Maximum Units per Branch	7 (14 PV modules)	6 (12 PV modules)

EFFICIENCY

Peak Efficiency	96.7%
CEC Weighted Efficiency	96.5%
Nominal MPPT Efficiency	99.5%
Night Power Consumption	60mW

MECHANICAL DATA

Operating Ambient Temperature Range	-40°F to +149°F (-40°C to +65°C)
Storage Temperature Range	-40°F to +185°F (-40°C to +85°C)
Dimensions (WxHxD) inches	10.24" x 7.4" x 1.24"
Dimensions (WxHxD) mm	260mm x 188mm x 31.5mm
Weight	5.7 lbs (2.6kg)
AC BUS Maximum Current	20A
Connector Type	MC4 Type
Enclosure Rating	NEMA 6 (IP67)
Cooling	Natural Convection - No Fans

FEATURES & COMPLIANCE

Communication	Wireless Zigbee
Transformer Design	High Frequency Transformers, Galvanic Isolation
Monitoring	Via EMA**Online Portal
Emissions & Immunity (EMC) Compliance	FCC PART 15, ANSI C63.4, ICES-003
Safety & Grid Connection Compliance	UL1741, UL1741 SA (240V version only), CA Rule 21 (240V version only), IEEE1547, CSA C22.2 No.107.1-01, NEC 2017 690.12, 690.11

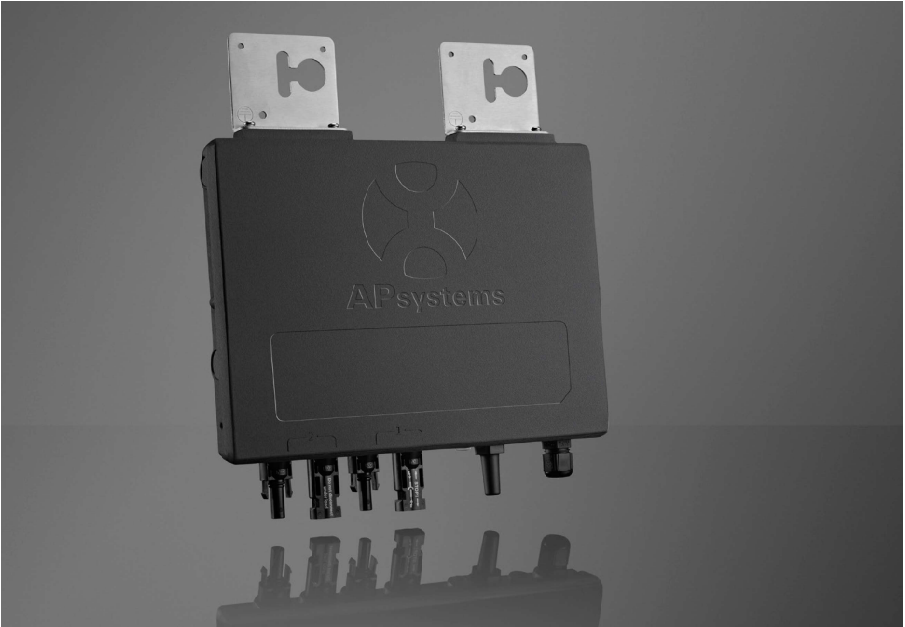
* Depending on the local regulations.

**APsystems online Energy Management Analysis (EMA) platform

Specifications subject to change without notice - please ensure you are using the most recent version found at APsystems.com

2.11.19 © All Rights Reserved

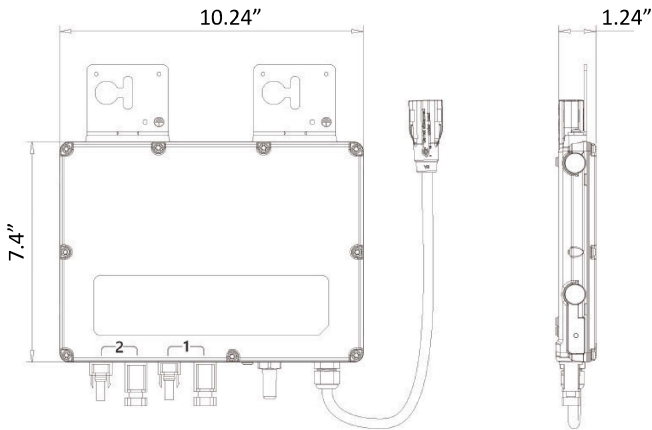
Leading the Industry in
Solar Microinverter Technology



YC600
Microinverter

- Dual-module microinverter with independent MPPT
- Utility-interactive with Reactive Power Control (RPC)
- CA Rule 21 compliant
- Continuous power of 274VA per channel, 300VA peak
- Accommodates modules from 250-365W+
- Wide MPPT voltage range (22V-48V)
- Meets NEC 2014/2017 690.12 Rapid Shutdown requirements
- ZigBee communication & free monitoring

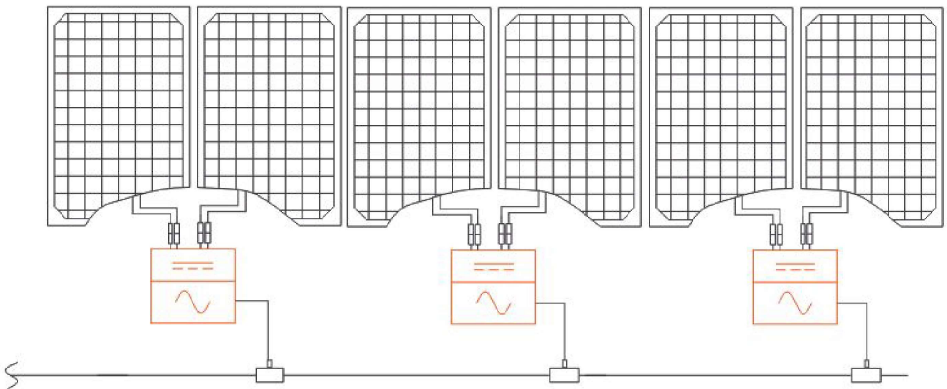
DIMENSIONS



With its groundbreaking design and features, the YC600 is the pinnacle of microinverter technology. A single-phase, smart grid-compliant microinverter, the YC600 serves two modules with dual, independent MPPT. Zigbee wireless communication over a mesh network offers faster data speeds than PLC and a wider MPPT voltage range results in a greater energy harvest for homeowners.

A true utility-interactive microinverter with Reactive Power Control (RPC) technology, the YC600 meets CA Rule 21 requirements and is inherently NEC 2014/2017 Rapid Shutdown compliant. The unit also builds on the successful APsystems line of multi-module microinverters, simplifying installation and reducing logistics costs.

WIRING SCHEMATIC

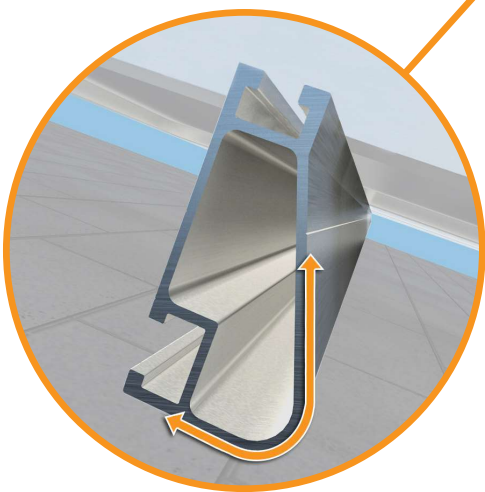
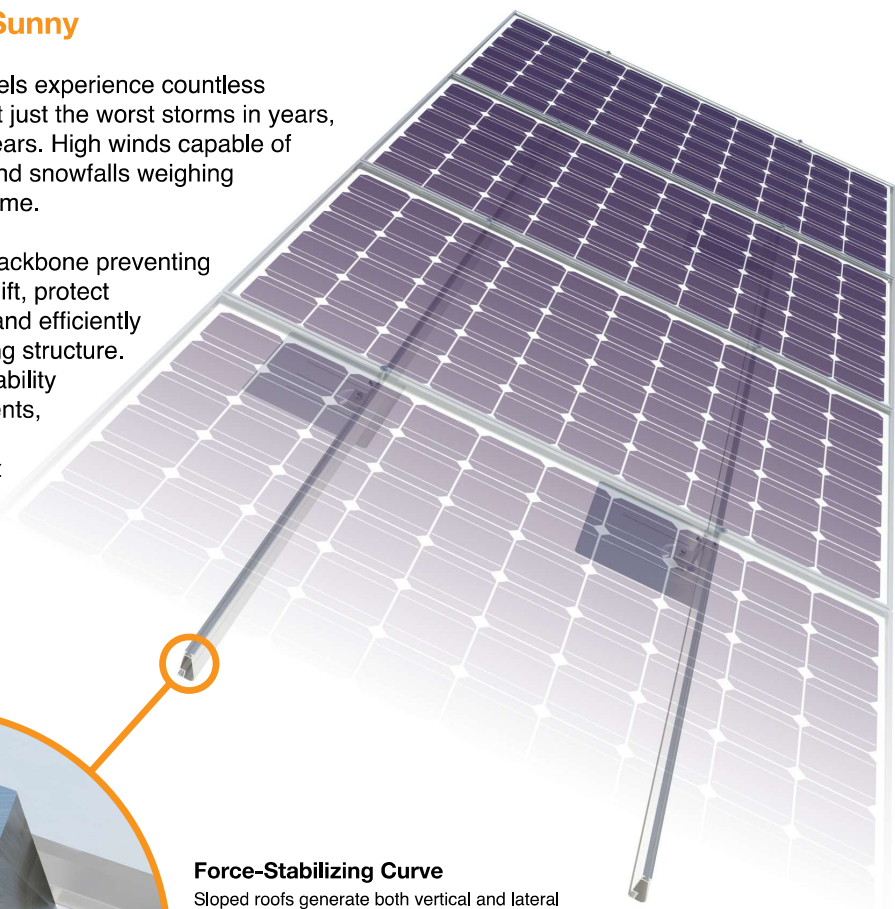


XR Rail Family

Solar Is Not Always Sunny

Over their lifetime, solar panels experience countless extreme weather events. Not just the worst storms in years, but the worst storms in 40 years. High winds capable of ripping panels from a roof, and snowfalls weighing enough to buckle a panel frame.

XR Rails are the structural backbone preventing these results. They resist uplift, protect against buckling and safely and efficiently transfer loads into the building structure. Their superior spanning capability requires fewer roof attachments, reducing the number of roof penetrations and the amount of installation time.



Force-Stabilizing Curve
Sloped roofs generate both vertical and lateral forces on mounting rails which can cause them to bend and twist. The curved shape of XR Rails is specially designed to increase strength in both directions while resisting the twisting. This unique feature ensures greater security during extreme weather and a longer system lifetime.

Compatible with Flat & Pitched Roofs



XR Rails are compatible with FlashFoot and other pitched roof attachments.



IronRidge offers a range of tilt leg options for flat roof mounting applications.

Corrosion-Resistant Materials

All XR Rails are made of 6000-series aluminum alloy, then protected with an anodized finish. Anodizing prevents surface and structural corrosion, while also providing a more attractive appearance.



XR Rail Family

The XR Rail Family offers the strength of a curved rail in three targeted sizes. Each size supports specific design loads, while minimizing material costs. Depending on your location, there is an XR Rail to match.



XR10

XR10 is a sleek, low-profile mounting rail, designed for regions with light or no snow. It achieves spans up to 6 feet, while remaining light and economical.

- 6' spanning capability
- Moderate load capability
- Clear & black anodized finish
- Internal splices available



XR100

XR100 is the ultimate residential mounting rail. It supports a range of wind and snow conditions, while also maximizing spans up to 10 feet.

- 10' spanning capability
- Heavy load capability
- Clear & black anodized finish
- Internal splices available



XR1000

XR1000 is a heavyweight among solar mounting rails. It's built to handle extreme climates and spans up to 12 feet for commercial applications.

- 12' spanning capability
- Extreme load capability
- Clear anodized finish
- Internal splices available

Rail Selection

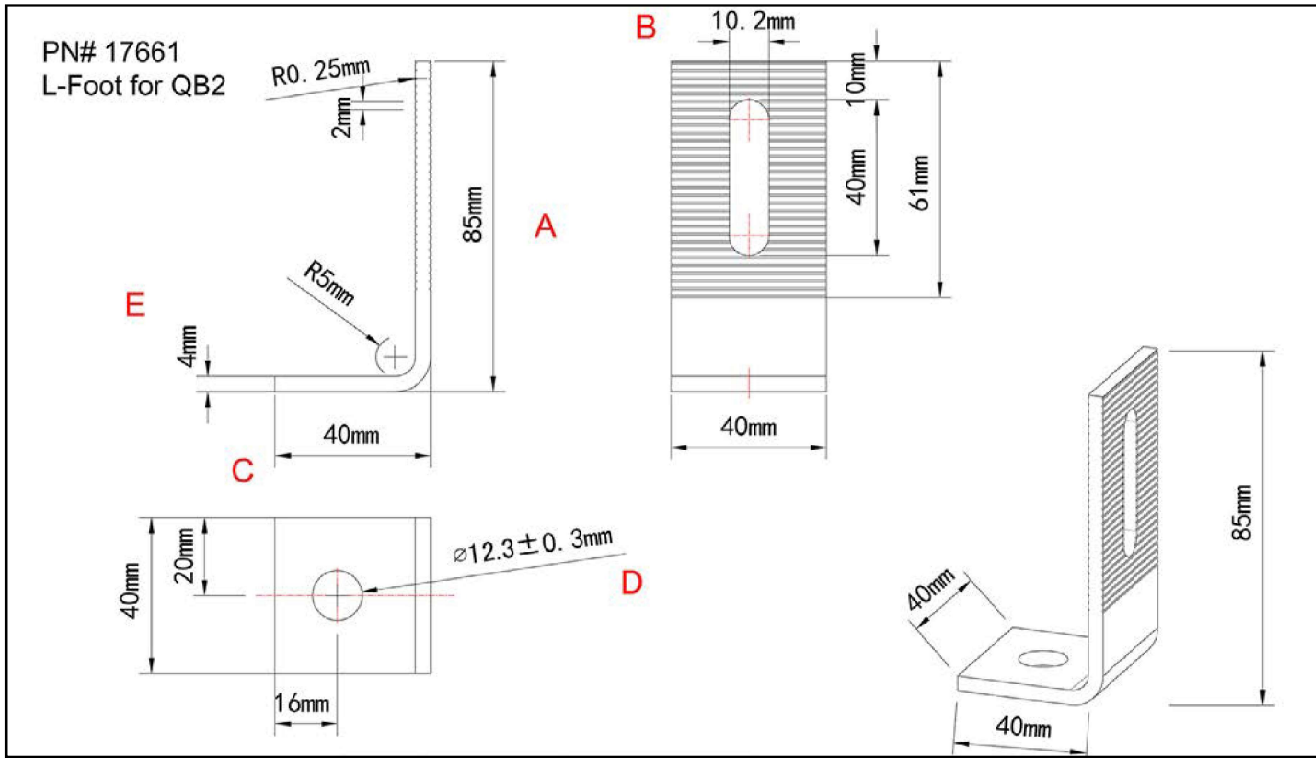
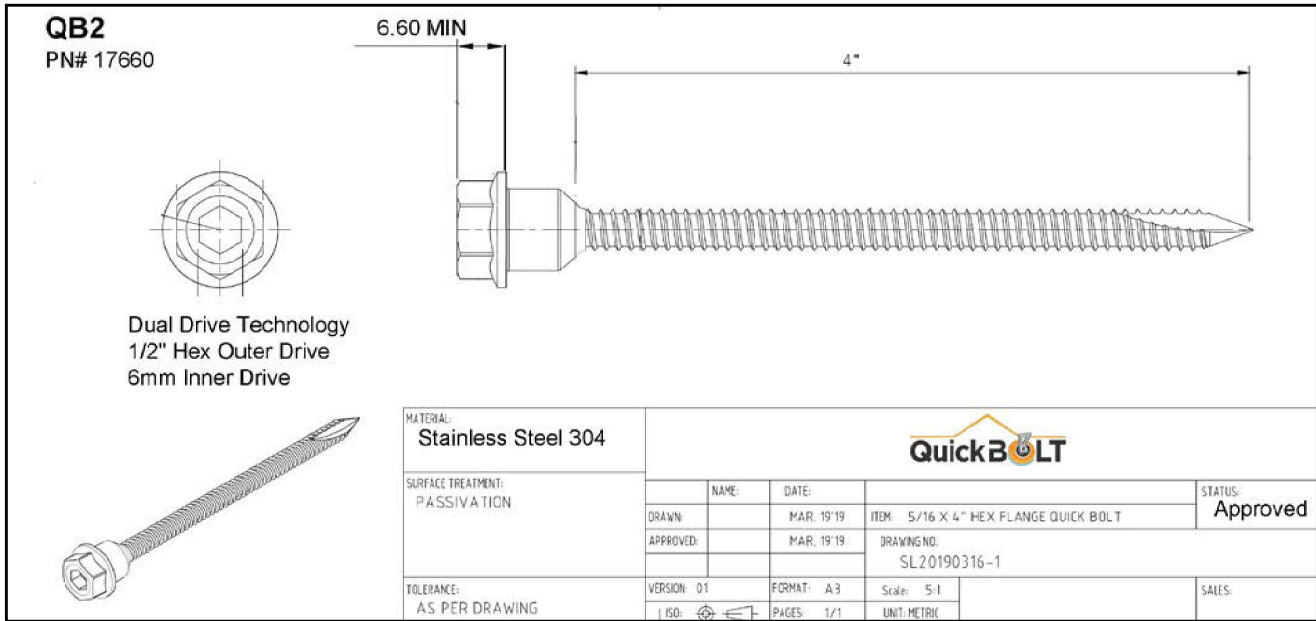
The table below was prepared in compliance with applicable engineering codes and standards.* Values are based on the following criteria: ASCE 7-16, Gable Roof Flush Mount, Roof Zones 1 & 2e, Exposure B, Roof Slope of 8 to 20 degrees and Mean Building Height of 30 ft. Visit IronRidge.com for detailed certification letters.

Load		Rail Span					
Snow (PSF)	Wind (MPH)	4'	5' 4"	6'	8'	10'	12'
None	90	XR10		XR100		XR1000	
	120						
	140						
	160						
20	90						
	120						
	140						
	160						
30	90						
	160						
40	90						
	160						
80	160						
120	160						

*Table is meant to be a simplified span chart for conveying general rail capabilities. Use approved certification letters for actual design guidance.

SPEC SHEET

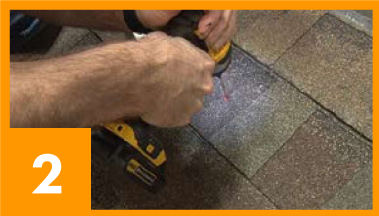
Part #	Box Quantity
17660	4" QB2 (25)
17662	3" Microflashing® (25); 4" QB2 (25); L-Foot (25)



INSTALL INSTRUCTIONS



1



2



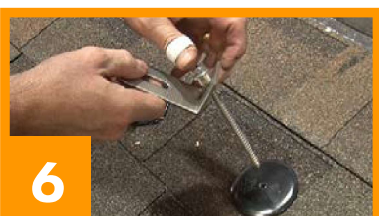
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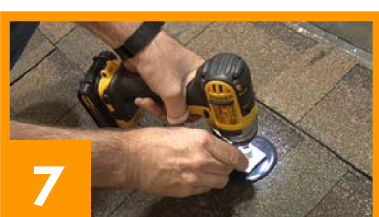
4



5



6



7

QB2 (17662)

RECOMMENDED MATERIALS

- Tools to locate and mark rafter
- Drill with a 15/64" drill bit
- MFG approved sealant (optional)
- 1/2" Nut Setter

INSTALLATION INSTRUCTIONS

1. Locate and mark the rafter
2. Predrill the hole
3. Optional: Fill the predrilled hole with MFG approved sealant
4. Optional: Place a ring of sealant around the bottom of the Microflashing® washer
5. Place the Microflashing®
6. Insert the Bolt into the L-Foot
7. Drive the Bolt until the Microflashing® is compressed



BUILDING CODE LETTER



February 26, 2019

To whom this may concern,

QuickBOLT is committed to excellence. The parts tested are durable goods, meaning the material composition and detailed specifications of the parts do not change. Therefore, all stamps are current. Any part tested will have the same results no matter what year the tests are performed.

SolarRoofHook is the previous name of QuickBOLT. Any test result referencing SolarRoofHook is referring to a QuickBOLT product.

All our parts were tested by a third-party test facility, in possession of a current engineering license for the state where the tests were performed for the following.

1. Uplift test
2. Downward load test
3. Lateral Test – Asphalt Mounts, and Metal Mounts only
4. ASTM E2440 and ASTM E330 Waterproof Tests - QuickBOLT only

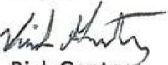
The following is an excerpt from:

CALIFORNIA BOARD FOR PROFESSIONAL ENGINEERS AND LAND SURVEYORS
guide to Engineering & Land Surveying for City and County Officials
Page 12, Line 27

27. If the license has expired between the time the engineering documents were prepared and the time when the local agency's review is performed, do the documents need to be re-sealed by a licensee with a current license? (B&P Code §§ 6733, 6735, 6735.3, 6735.4)

As long as the license was current at the time the engineering documents were prepared, the documents do not need to be re-sealed prior to review by the local agency. However, any changes (updates or modifications) to the documents that are made following the review by the local agency would have to be prepared by a licensed engineer with a current license and those changes would have to be signed and sealed.

We trust the information provided will resolve any request for the test reports submitted to have a stamp from the current year.

Regards,

Rick Gentry
Executive Vice President

CERTIFICATE OF COMPLIANCE

Certificate Number 20191115-E493748
Report Reference E493748-20170817
Issue Date 2019-NOVEMBER-15

Issued to: QUICKBOLT A DIVISION OF QUICKSCREWS INTERNATIONAL CORP
5830 Las Positas Rd
Livermore, CA 94551

This is to certify that representative samples of COMPONENT - MOUNTING SYSTEMS, MOUNTING DEVICES, CLAMPING DEVICES AND GROUND LUGS FOR USE WITH PHOTOVOLTAIC MODULES AND PANELS (See Adendum for Additional Information.)

Have been investigated by UL in accordance with the component requirements in the Standard(s) indicated on this Certificate. UL Recognized components are incomplete in certain constructional features or restricted in performance capabilities and are intended for installation in complete equipment submitted for investigation to UL LLC.

Standard(s) for Safety: UL 2703 Standard for Mounting Systems, Mounting Devices, Clamping/Retention Devices, and Ground Lugs for Use with Flat-Plate Photovoltaic Modules and Panels.

Additional Information: See the UL Online Certifications Directory at www.ul.com/database for additional information

This Certificate of Compliance does not provide authorization to apply the UL Recognized Component Mark.
Only those products bearing the UL Recognized Component Mark should be considered as being UL Certified and covered under UL's Follow-Up Services.
Look for the UL Recognized Component Mark on the product.

B. Mahlenz
Bruce Mahlenz, Director North American Certification Program
UL LLC

Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL. For questions, please contact a local UL Customer Service Representative at <http://ul.com/about/locations/>



CERTIFICATE OF COMPLIANCE

Certificate Number 20191115-E493748
Report Reference E493748-20170817
Issue Date 2019-NOVEMBER-15

This is to certify that representative samples of the product as specified on this certificate were tested according to the current UL requirements.

Addendum -

Models/Product

USR – Component, Roof Mounting Hook Units, Models 15891 15893 15987 16000 16988 16990 16991 16993 17508 17509 17510 17511 17512 17513 17514 17515 17516 17517 17518 17519 17520 17521 17522 17523 17524 17525 17526 17527 17536 17537 17538 17539 17540 17541 17542 17543 17544 17545 17546 17547 17548 17549 17550 17551 17552 17553 17554 17555 17556 17558 17559 17560 17568 17569 17570 17571 17572 17573 17574 17575 17576 17577 17578 17579 17580 17585 17586 17587 17588 17589 17592 17596 17600 17601 17606 17607 17608 17609 17610 17611 17612 17613 17614 17615 17616 17617 17618 17620 17621 17622 17623 17624 17625 17626 17627 17628 17629 17630 17631 17632 17633 17636 17637 17638 17639 17642 17643 17646 17647 17648 17649 17650 17651 17659 17664 17667 17669 17670 17671 17672 17673 17678 17679 17680 17681 17686 17687 17688 17689 17700 17701 17702 17703 17704 17705 17706 17707 17708 17709 17710 17711 17712 17717 17718 17759 15891-10 15891BLK-10 15987A 15987B 17667SS 17672SS 17680SS 17688SS 17713SS 17720 17721SS 17723 17724SS 17726 17727SS 17729 17730SS 15894SS 15891SS 15987BSS 17660 17661 17662 17663

Ratings: Overcurrent Protection Rating – 25 Amps

B. Mahlenz
Bruce Mahlenz, Director North American Certification Program
UL LLC

Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL. For questions, please contact a local UL Customer Service Representative at <http://ul.com/about/locations/>



**VILLAGE OF MUKWONAGO
WAUKESHA AND WALWORTH COUNTIES**

RESOLUTION NO. 2022-10

**A RESOLUTION FOR SITE PLAN AND ARCHITECTURAL REVIEW FOR JEREMY STENGEL
637 AUGUST DRIVE, PARCEL MUKV 1978-052**

WHEREAS, pursuant to Section 100-601, and 100-153 of the Zoning Code, an application for a site plan and architectural review has been filed for the approval for an additional and building and site modifications, which application was filed in the office of the Village Clerk, Village of Mukwonago, Wisconsin, and

WHEREAS, the application has been submitted by the JEREMY STENGEL

WHEREAS, the use is permitted within the R-1 Single Family Community Residential District in which the subject property is located, and

WHEREAS, the plan of operation and plans have been reviewed and recommended by the Village Plan Commission.

NOW, THEREFORE, BE IT RESOLVED by the Village Board of the Village of Mukwonago, Wisconsin hereby approves the site plan and architectural review for structures at 637 August Drive, based upon the plan of operation and plans submitted to the Village.

NOW, THEREFORE, BE IT FURTHER RESOLVED this site plan and architectural review approval shall be subject to the following conditions:

1. Prior to any land disturbing activity, the applicant must submit a complete and final set of plans to the Building Inspections Office. All Village department heads must verify in writing whether they have approved the final plans within their purview. Any outstanding matters must be resolved to staff's satisfaction.
2. Prior to any land-disturbing activity, the applicant must reimburse the Village for any outstanding charges and establish an escrow account with the Village as may be required.
3. The applicant must obtain all required building permits within nine months of this date, and start construction within six months of the date of building permit issuance and continue in good faith to completion.
4. All work related to this project must comply with all project plans approved by the Village.
5. The developer must comply with all requirements related to impact fees imposed by the Village.
6. The developer shall comply with all parts of the Municipal Code as it relates to this project.
7. If the approved plans need to be revised to address any of the conditions of approval or to conform to Building and Fire Safety Codes, the Zoning Administrator and the Supervisor of Inspections are authorized to approve minor modifications so long as the overall project elements remain unchanged. If they determine that the revision is substantial, the plans must be submitted to the Plan Commission for review and approval.

8. Any future modification as required by ordinance, standards, or policy shall require an update to this site plan and architectural review.

NOW THEREFORE BE IT RESOLVED, that the Village of Mukwonago,

Approved and Adopted this 16th day of February 2022 by the Village Board of the Village of Mukwonago, Wisconsin.

APPROVED:

Fred H. Winchowky, Village President

ATTESTATION:

Diana Dykstra, MMC
Village Clerk-Treasurer



PLANNING COMMISSION

February 8, 2022 at 6:30pm
Mukwonago, WI

SITE PLAN AND ARCHITECTURAL REVIEW AND CONDITIONAL USE PERMIT

512 Westlawn
Parcel Number: MUKV 1960-105

Case Summary

Parcel Data

Proposal:	Solar Panels
Applicant:	DAVID S SCHULTZ
Request:	Site Plan and Architectural Review
Staff Recommendation:	Approve with Conditions

Parcel Characteristics / Conditions

Acreage:	0.3452 acres
Current Use:	Single Family
Proposed Use:	Single Family
Reason for Request:	Solar Panels visible from public right of way
Land Use Classification:	Medium Lot Single Family II
Zoning Classification:	R-1 Single Family Community Residential District
Census Tract:	2039.01

Site Plan and Architectural Review Request

Architectural/ Site Review

Site Modifications

The applicant is proposing to add solar panels onto their existing single-family home. The municipal code requires planning commission approval prior to issuance of a building permit. The code also requires solar panels to be screen from street view. Section 100-102 (2) c.

Utilities

No modifications at this time.

Stormwater Management

No modifications at this time.

Wetlands

None

Signage

No modifications at this time.

Parking

No modifications at this time.

Landscaping

No modifications at this time.

Trash Enclosure

No modifications at this time.

Fencing

No modifications at this time.

Outdoor Lighting

No modifications at this time.

Misc. Performance Standards

None

Staff Review

Engineering	No concerns at this time
Public Works	No concerns at this time
Utilities	No concerns at this time
Police	No concerns at this time
Fire	No concerns at this time
Building Inspection	No concerns at this time
Planning	No concerns at this time

Recommendation

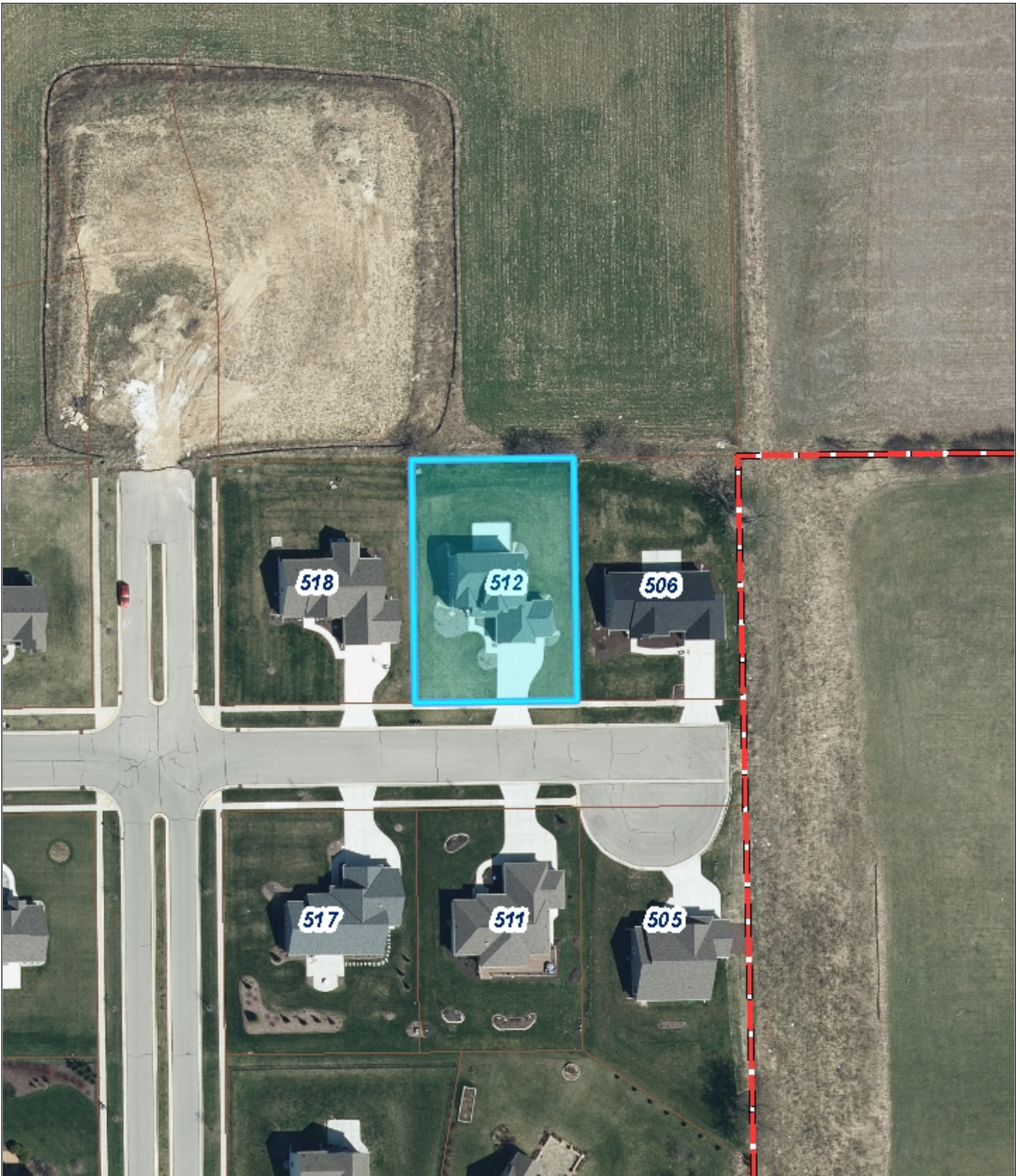
Site Plan and Architectural Review

Staff recommends the Planning Commission Approve a resolution for the Site Plan and Architectural Review, as set forth in the attached resolution.

1. Prior to any land disturbing activity, the applicant must submit a complete and final set of plans to the Building Inspections Office. All Village department heads must verify in writing whether they have approved the final plans within their purview. Any outstanding matters must be resolved to staff's satisfaction.
2. Prior to any land-disturbing activity, the applicant must reimburse the Village for any outstanding charges and establish an escrow account with the Village as may be required.
3. The applicant must obtain all required building permits within nine months of this date, and start construction within six months of the date of building permit issuance and continue in good faith to completion.
4. All work related to this project must comply with all project plans approved by the Village.
5. The developer must comply with all requirements related to impact fees imposed by the Village.
6. The developer shall comply with all parts of the Municipal Code as it relates to this project.
7. If the approved plans need to be revised to address any of the conditions of approval or to conform to Building and Fire Safety Codes, the Zoning Administrator and the Supervisor of Inspections are authorized to approve minor modifications so long as the overall project elements remain unchanged. If they determine that the revision is substantial, the plans must be submitted to the Plan Commission for review and approval.
8. Any future modification as required by ordinance, standards, or policy shall require an update to this site plan and architectural review.

Attachments

- | | | |
|---------|----------|---------------|
| 1. Maps | 2. Plans | 3. Resolution |
|---------|----------|---------------|



Village of Mukwonago GIS

Aerial

DISCLAIMER: The Village of Mukwonago does not guarantee the accuracy of the material contained here in and is not responsible for any misuse or misrepresentation of this information or its derivatives.



SCALE: 1" = 83'

VILLAGE OF MUKWONAGO

440 River Crest Court

PO Box 206

Mukwonago, WI 53149

262-363-6420

Print Date: 1/18/2022



Village of Mukwonago GIS

Land Use

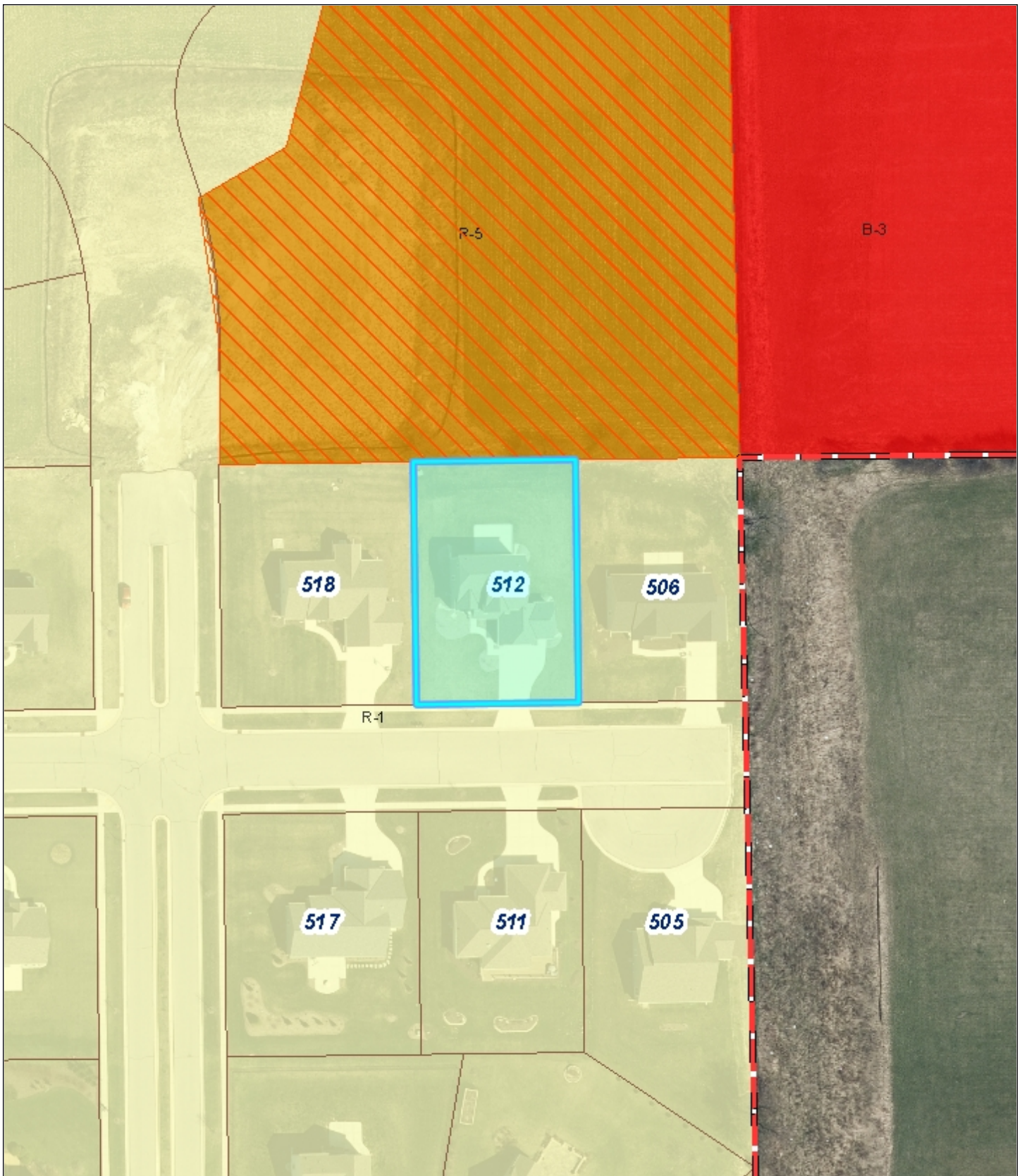
DISCLAIMER: The Village of Mukwonago does not guarantee the accuracy of the material contained here in and is not responsible for any misuse or misrepresentation of this information or its derivatives.



SCALE: 1" = 83'

VILLAGE OF MUKWONAGO
440 River Crest Court
PO Box 206
Mukwonago, WI 53149
262-363-6420

Print Date: 1/18/2022



Village of Mukwonago GIS Zoning

DISCLAIMER: The Village of Mukwonago does not guarantee the accuracy of the material contained here in and is not responsible for any misuse or misrepresentation of this information or its derivatives.



SCALE: 1" = 83'

VILLAGE OF MUKWONAGO
440 River Crest Court
PO Box 206
Mukwonago, WI 53149
262-363-6420

Print Date: 1/18/2022

January 7, 2022

Everlight Solar
 PO Box 930550
 Verona, WI 53593

John Leesman

Digitally signed by John Leesman
 DN: CN=John Leesman,
 dnQualifier=A014100000017B12F005B900010DA0,
 O=Lucent Engineering P.C., C=US
 Location: Boulder, CO
 Reason: I am the author of this document
 Date: 2022.01.07 21:21:34-0700

RE: Engineering Services
 Schultz Residence
 512 Westlawn Ave, Mukwonago, WI
 6.03 kW System
 Solo Job #1766773

To Whom It May Concern,

We have reviewed the following information regarding the solar panel installation for this project. Alterations to these documents or plans shall not be made without direct written consent of the Engineer of Record.

A. Assumptions from Field Observation provided by Everlight Solar

The following structural design regarding the proposed alterations have been prepared from these assumptions. The verification of the field observations is the responsibility of the contractor. **Prior to commencement of work, the contractor shall verify the framing sizes, spacings, and spans noted in the sealed plans, calculations, and/or certification letter and notify the Engineer of Record of any discrepancies.**

	<u>Roof A</u>	<u>Roof B</u>
Roof Finish :	Asphalt Shingle	Asphalt Shingle
Roof Underlayment :	OSB	OSB
Roof Profile :	Gable	Gable
Roof Structural System :	Metal Plate Trusses	Metal Plate Trusses
Truss Top Chord/Setup :	2 x 4 / Fink	2 x 4 / Fink
Chord/Rafter Wood Grade :	Spruce-Pine-Fir MSR 1650f-1.5E or better	Spruce-Pine-Fir MSR 1650f-1.5E or better
Truss/Rafter Spacing :	24" o.c.	24" o.c.
Roof Slope :	27 deg	45 deg
Max Top Chord/Rafter Span :	8.39 ft	7.08 ft
Bearing Wall Type :	Convl Lt-Frame Constr	CLFC
Foundation :	Permanent Concrete	Permanent Concrete
Stories :	Two	Single

B. Building Design Criteria

Code :	Wisc. UDC (ASCE 7-10)	Ground Snow Load :	30 psf
Roof Live Load :	20 psf (0 psf at panels)	Risk Category :	II
Min. Roof Snow Load :	30 psf	Occupancy Class :	R-3
Ult Wind Speed :	115 mph	Roof Dead Load :	6.5 psf
Exposure Category :	C	PV Dead Load :	3 psf
		Total Dead Load :	9.5 psf

C. Summary of Existing Structure Results

Roof A & B

After review of the field observations and based on our calculations and in accordance with the applicable building codes and current industry standards, the existing roof structure supporting the proposed alterations consisting of the solar array has been determined to be:

- Adequate to support the additional imposed loads. **No structural upgrades are required.**

D. Solar Panel Support Bracket Anchorage

1. Solar panels shall be designed, mounted, and installed in accordance with the most recent "Quickbolt Manual", which can be found on the Quickbolt website (<http://quickbolt.com>).
2. Manufacturer's Panel Bracket Connection to Roof Chord/Rafter Member:

Fastener : (1) 5/16" Lag Screw per Bracket
NDS Withdrawl Value : 205 lbs/inch
Min. Thread Length and Penetration Depth : 2.5"

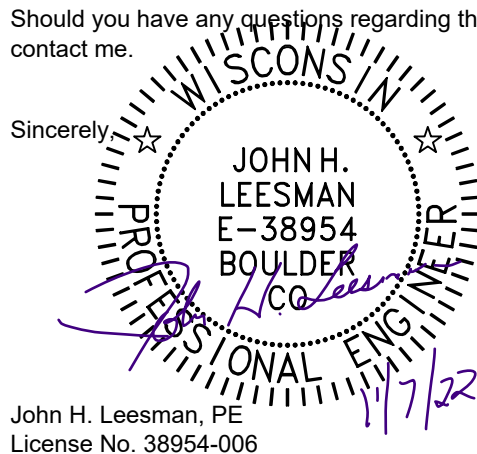
3. Considering the existing roof's slope, size, spacing, condition, and calculated loads, the panel bracket supports shall be placed no greater than 48 in. o/c.
4. Panel supports connections shall be staggered to distribute load to adjacent trusses.

E. Overall Summary

Based on the information supplied to us at the time of this report, on the evaluation of the existing structure, and solar array panel bracket connection, it is our opinion that the roof system will adequately support the additional loads imposed by the solar array. This evaluation conforms to Wisc. UDC and current industry standards.

Should you have any questions regarding this letter or if you require further information, do not hesitate to contact me.

Sincerely,



John H. Leesman, PE
License No. 38954-006

Limits of Scope of Work and Liability

The existing structure is assumed to have been designed and constructed following appropriate codes at the time of erection and assumed to have appropriated permits. The calculations performed are only for the roof framing supporting the solar array installation referenced in the stamped plans and were completed according to generally recognized structural analysis standards and procedures, professional engineering, and design experience opinions and judgements. Existing deficiencies which are unknown or were not observed during the time the site observation are not included in this scope of work. All solar panel modules, racking, and mounting equipment shall be designed and installed per the manufacturer's approved installation specifications. The Engineer of Record and the engineering consulting firm assume no responsibility for misuse or improper installation. This analysis is not stamped for water leakage. Framing was determined on information in provided plans and/or photos, along with engineering judgement. Prior to commencement of work, the contractor shall verify the framing sizes, spacings, and spans noted in the stamped plans, calculations, and/or certification letter and notify the Engineer of Record of any discrepancies prior to starting construction. If during solar panel installation, the roof framing members appear unstable or deflect non-uniformly, our office should be notified before proceeding with the installation. The contractor shall also verify that there are no damage/deficiencies (i.e., dry rot, water damage, termite damage, framing member/connection damage, etc.) to framing that was not addressed in the stamped plans, calculations, and/or certification letter and notify the Engineer of Record of any concerns prior to starting construction.

AERIAL VIEW:



STREET VIEW:



CONTRACTOR INFORMATION:

Everlight Solar Construction
PO Box 930550
Verona, WI 53593
License# DCQ-111802116
833.786.4387 ext. 701

SITE INFORMATION

David Schultz
512 Westlawn Ave
Mukwonago, WI 53149
AC SYSTEM SIZE: 6.028 kW AC
DC SYSTEM SIZE: 7.92 kW DC
Lat, 42.8787327
Long, -88.3459233999999
(22) Silfab SIL-360 NX mono PERC PV MODULES
(11) AP Systems YC600 INVERTER(S)
We Energies

GENERAL NOTES

1. INSTALLATION OF SOLAR PHOTOVOLTAIC SYSTEM SHALL BE IN ACCORDANCE WITH NEC ARTICLE 690, AND ALL OTHER APPLICABLE NEC CODES WHERE NOTED OR EXISTING.
2. PROPER ACCESS AND WORKING CLEARANCE AROUND EXISTING AND PROPOSED ELECTRICAL EQUIPMENT WILL COMPLY WITH NEC ARTICLE 110.
3. ALL WIRES, INCLUDING THE GROUNDING ELECTRODE CONDUCTOR SHALL BE PROTECTED FROM PHYSICAL DAMAGE IN ACCORDANCE WITH NEC ARTICLE 250
4. THE PV MODULES ARE CONSIDERED NON-COMBUSTIBLE; THIS SYSTEM IS UTILITY INTERACTIVE PER UL 1741 AND DOES NOT INCLUDE STORAGE BATTERIES OR OTHER ALTERNATIVE STORAGE SOURCES.
5. ALL DC WIRES SHALL BE SIZED ACCORDING TO [NEC 690.8]
6. DC CONDUCTORS SHALL BE WITHIN PROTECTED RACEWAYS IN ACCORDANCE WITH [NEC 690.31]
7. ALL SIGNAGE TO BE PLACED IN ACCORDANCE WITH LOCAL JURISDICTIONAL BUILDING CODE.

PHOTOVOLTAIC (PV) SYSTEM SPECIFICATIONS

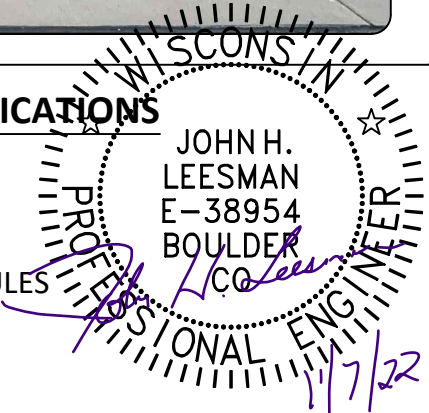
EQUIPMENT:
AC SYSTEM SIZE: 6.028 kW AC
DC SYSTEM SIZE: 7.92 kW DC
(22) Silfab SIL-360 NX mono PERC PV MODULES
(11) AP Systems YC600 INVERTER(S)
RACKING: Quickbolt 2 (QB2) - 48" O.C.

APPLICABLE GOVERNING CODES

2017 NEC/ WISCONSIN SPS 316
WISCONSIN UNIFORM DWELLING CODE SPS 320-325
SPS 321 CONSTRUCTION STANDARDS

SITE SPECIFICATIONS

OCCUPANCY: R-3
ZONING: RESIDENTIAL



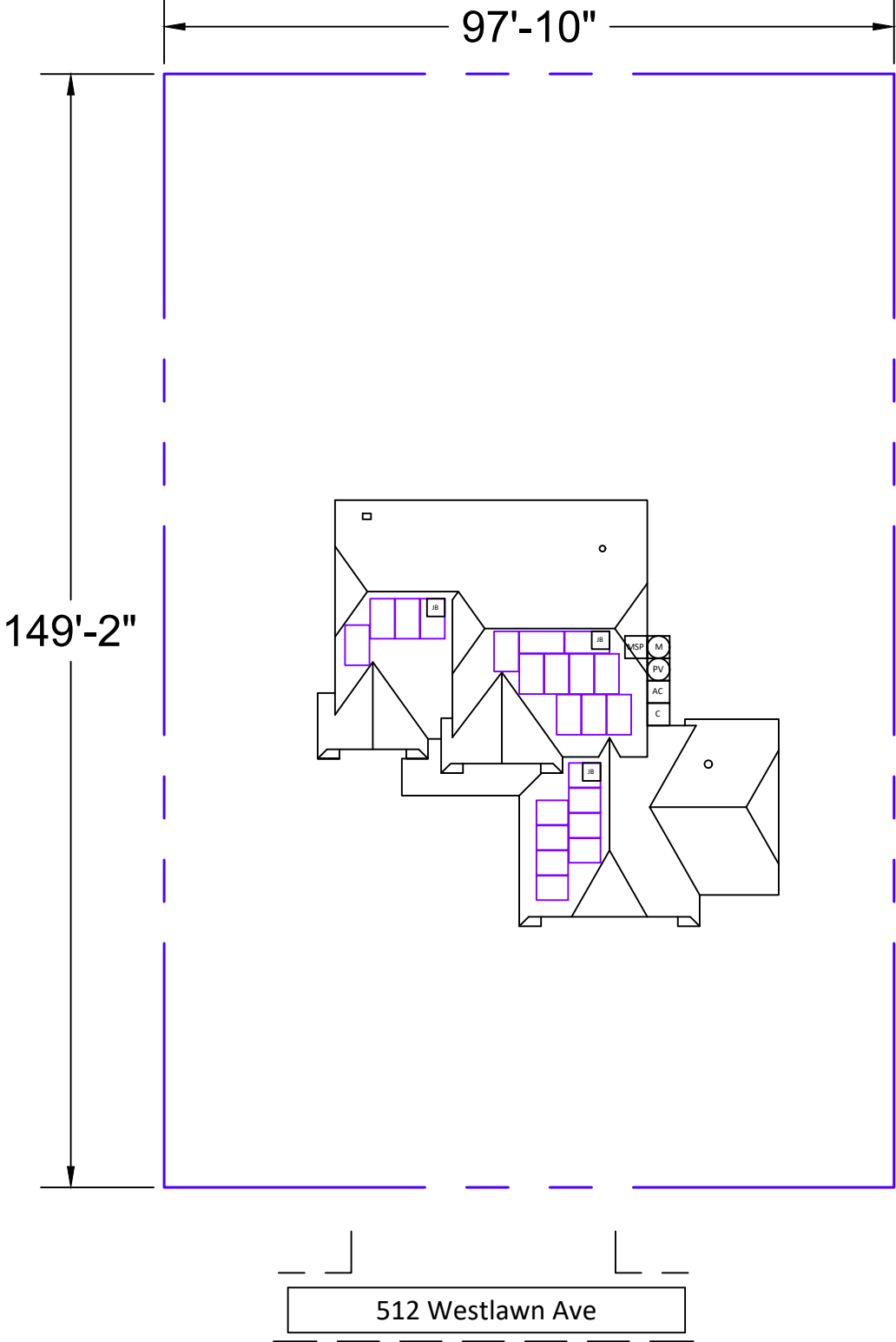
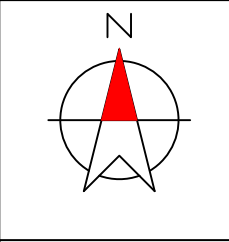
SHEET INDEX:

PV01 COVER PAGE
PV02 SITE PLAN
PV03 ROOF ATTACHMENTS
PV04 MOUNTING DETAIL
PV05 LINE DIAGRAM
PV06 ELECTRICAL CALCS
PV07 LABELS
PV08 PLACARD
PV09 SITE PHOTOS

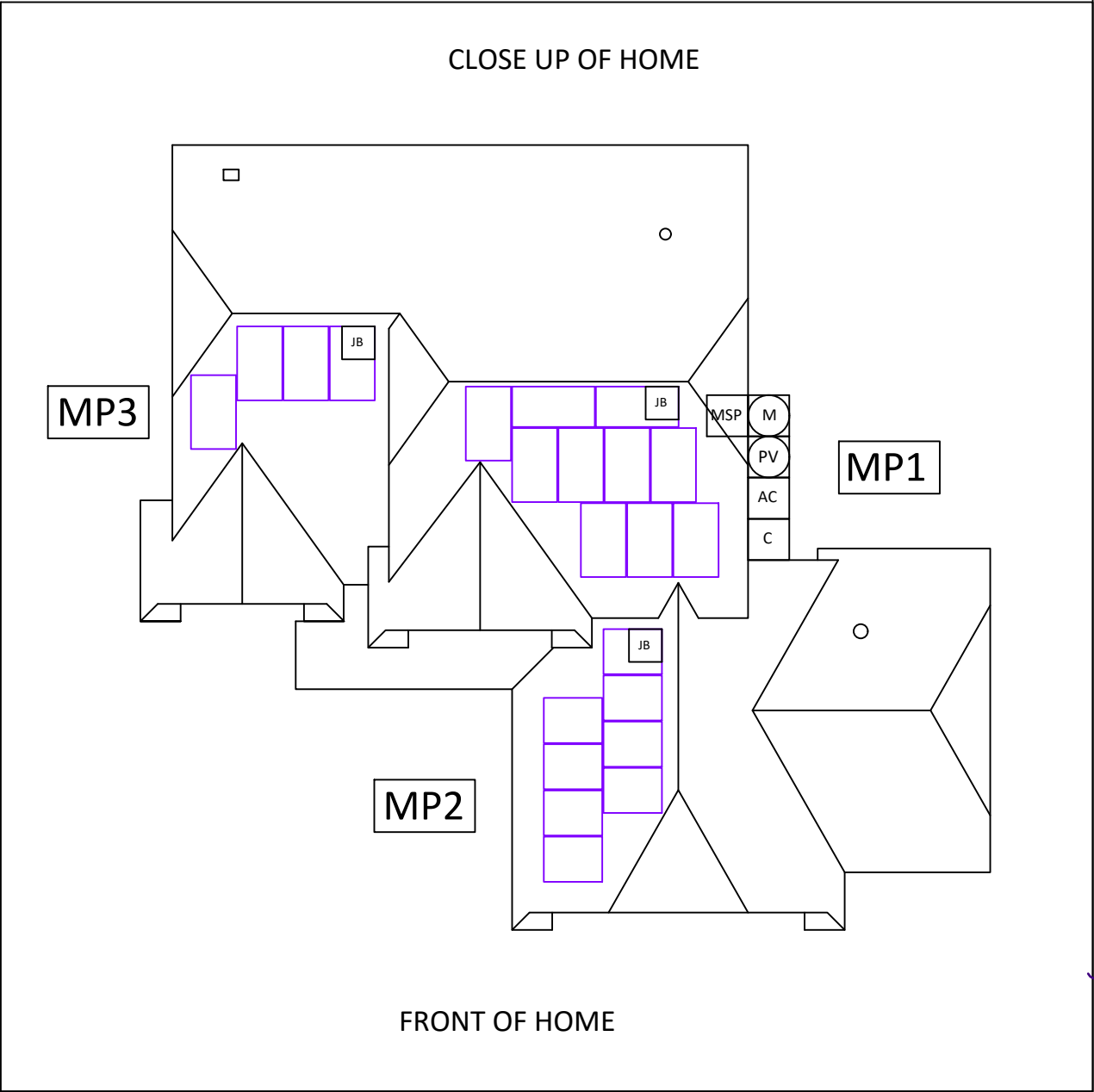
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DATE:
January 6, 2022

COVER PAGE - PV01



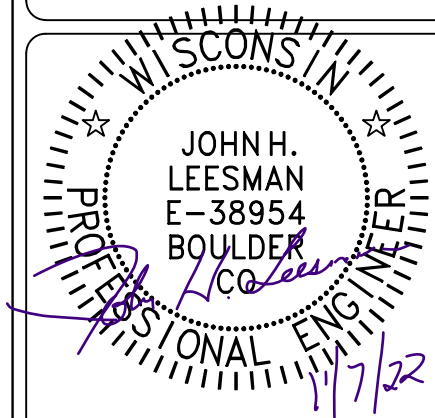
ARRAY DETAILS:		
MOUNTING PLANE:	AZIMUTH:	TILT:
MP1	180°	27°
MP2	270°	45°
MP3	180°	27°



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MODULES
(11) AP Systems YC600 INVERTER(S)
We Energies



EQUIPMENT LEGEND:

- M

 UTILITY METER
- AC

 VISIBLE, LOCKABLE, LABELED AC DISCONNECT
- INV

 INVERTER
- SUB

 SUB PANEL
- FIRE ACCESS PATHWAY (3' TYP)
- BATT

 BATTERY(IES)
- MSP

 MAIN SERVICE PANEL
- PV

 METER SOCKET (FOR UTILITY PV METER)
- C

 COMBINER BOX
- LC

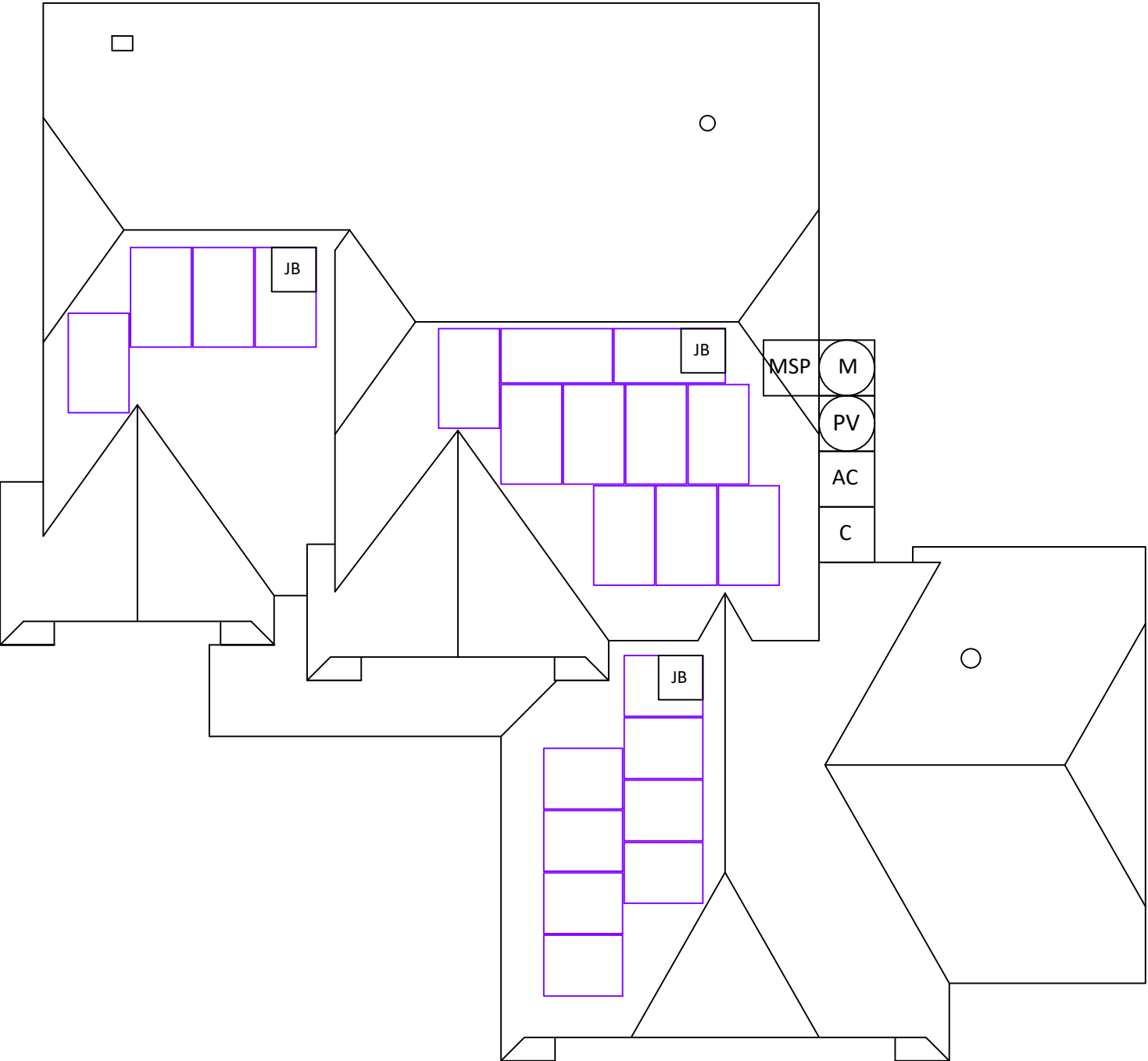
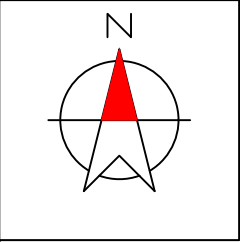
 LOAD CENTER
- PROPERTY LINE

VISIBLE, LOCKABLE,
LABELED AC DISCONNECT
LOCATED WITHIN 10'
OF UTILITY METER

DRAWN BY: SoloCAD

DATE:
January 6, 2022

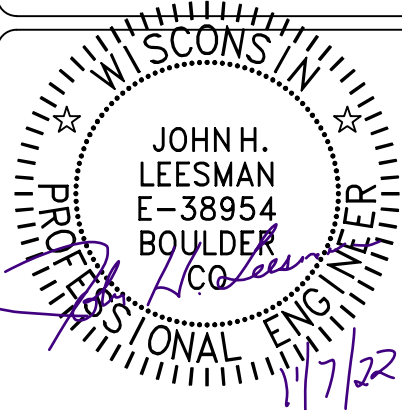
SITE PLAN - PV02



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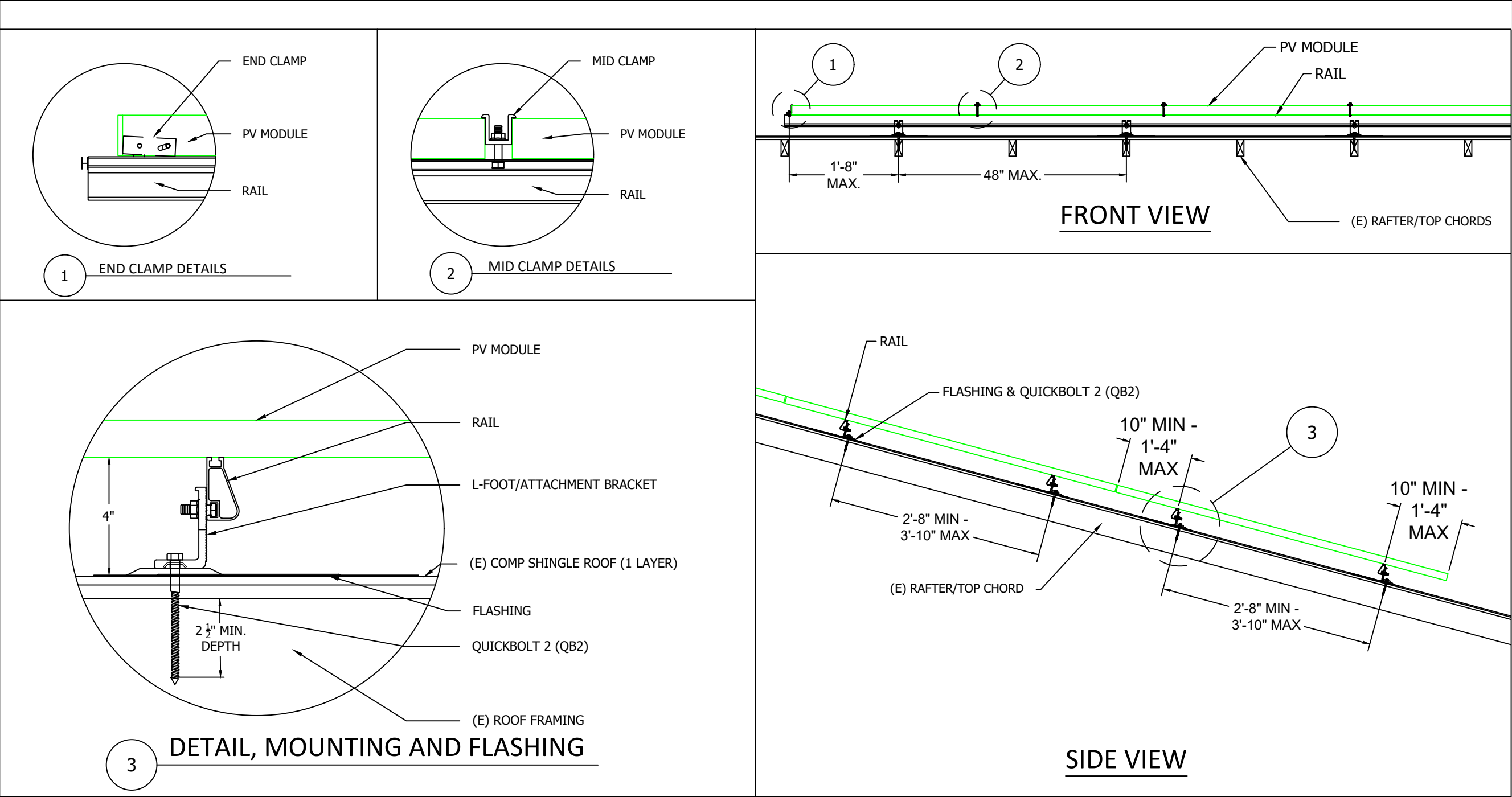


EQUIPMENT INFORMATION:		ROOF INFO:		PHOTOVOLTAIC ARRAY STRUCTURAL CRITERIA:	
RAIL MANUFACTURER:	IronRidge	ROOF TYPE:	Asphalt Shingle	PV MODULE COUNT:	22
RAIL PART NUMBER:	XR-10	ROOF FRAMING:	Manufactured Truss	ARRAY AREA:	MODULE COUNT * 19.72 ft² = 433.84
ATTACHMENTS	Quickbolt 2 (QB2)	RAFTER/TOP CHORD SIZE:	2x4	ROOF AREA:	2321 ft²
ATTACHMENT QTY:	52	RAFTER/TOP CHORD SPACING:	24"	PERCENT OF ROOF COVERED:	19%
SPLICE QTY:	0	ATTACHMENT SPACING:	48"	ARRAY WEIGHT:	MODULE COUNT * 44 lbs = 968 lbs
MIDCLAMP QTY:	28			DISTRIBUTED LOAD:	ARRAY LBS/ATTACHMENTS = 18.62
ENDCLAMP QTY:	32			POINT LOAD: (lbs/ft²)	(ARRAY) WEIGHT/AREA = 2.23 lbs/ft²

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DATE:
January 6, 2022

ROOF ATTACHMENTS - PV03

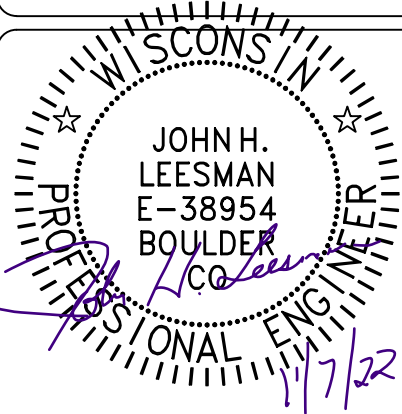


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(11) AP Systems YC600 INVERTER(S)
We Energies



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DATE:
January 6, 2022

MOUNTING DETAIL - PV04

EQUIPMENT INFORMATION:		ROOF INFO:		PHOTOVOLTAIC ARRAY STRUCTURAL CRITERIA:	
RAIL MANUFACTURER:	IronRidge	ROOF TYPE:	Asphalt Shingle	PV MODULE COUNT:	22
RAIL PART NUMBER:	XR-10	ROOF FRAMING:	Manufactured Truss	ARRAY AREA:	MODULE COUNT * 19.72 ft² = 433.84
ATTACHMENTS	Quickbolt 2 (QB2)	RAFTER/TOP CHORD SIZE:	2x4	ROOF AREA:	2321 ft²
ATTACHMENT QTY:	52	RAFTER/TOP CHORD SPACING:	24"	PERCENT OF ROOF COVERED:	19%
SPLICE QTY:	0	ATTACHMENT SPACING:	48"	ARRAY WEIGHT:	MODULE COUNT * 44 lbs = 968 lbs
MIDCLAMP QTY:	28			DISTRIBUTED LOAD:	ARRAY LBS/ATTACHMENTS = 18.62
ENDCLAMP QTY:	32			POINT LOAD: (lbs/ft²)	(ARRAY) WEIGHT/AREA = 2.23 lbs/ft²

Silfab SIL-360 NX mono PERC Specs	
POWER MAX (P _{MAX}):	360W
OPEN CIRCUIT VOLTAGE (V _{OC}):	40.4V
MAX POWER-POINT CURRENT (I _{MP}):	7.8A
MAX POWER-POINT VOLTAGE (V _{MP}):	33.1V
SHORT CIRCUIT CURRENT (I _{SC}):	8.2A
SERIES FUSE RATING:	20A

AP Systems YC600 Specs	
MAX INPUT VOLTAGE:	7 V
MAX DC SHORT CIRCUIT CURRENT:	12 A
MAXIMUM OUTPUT POWER:	548 W
MAXIMUM OUTPUT CURRENT:	2.28 A
NOM. OUTPUT VOLTAGE:	240 V
MAX UNITS PER 20A CIRCUIT:	14
1-Phase, 60 HZ, UL 1741 Listed	

Equipment Schedule			
TYPE:	QTY:	DESCRIPTION:	RATING:
MODULES:	(22)	Silfab SIL-360 NX mono PERC	360 W
INVERTERS:	(11)	AP Systems YC600	548 W
AC DISCONNECT(S):	(1)	PV AC DISCONNECT, 240V, 2-POLE	60A

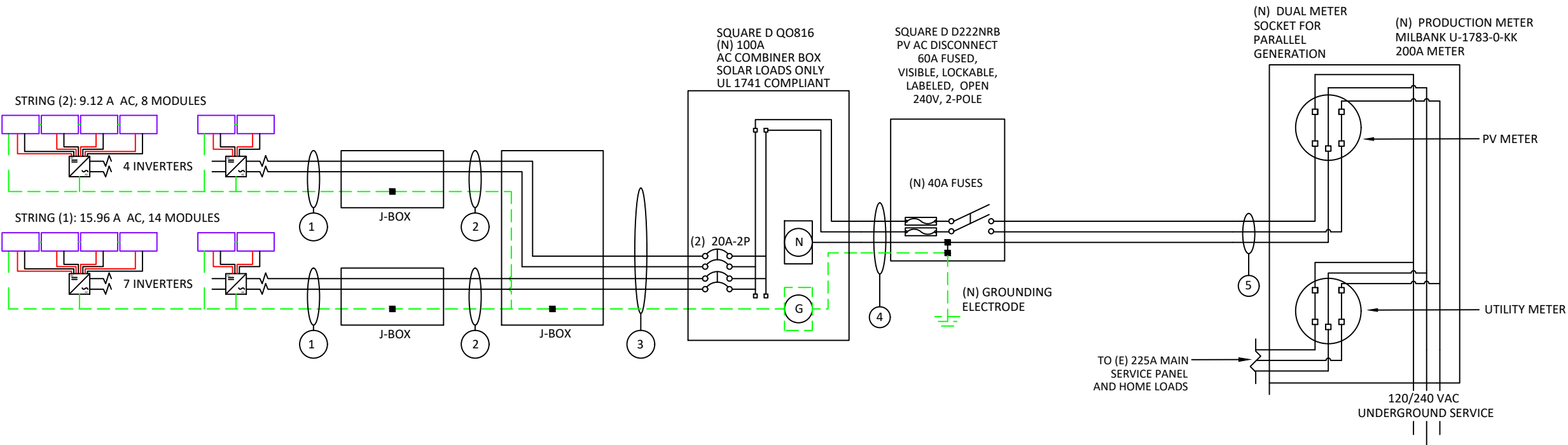
Conduit & Conductor Schedule				
TAG	QTY	WIRE GAUGE	DESCRIPTION	CONDUIT SIZE
1	(2)	12-2	TC-ER, THWN-2, COPPER (L1, L2)	N/A - FREE AIR
	(1)	6 AWG	BARE, COPPER (GROUND)	
2	(2)	10 AWG	THWN-2, or THHN COPPER - (L1, L2)	3/4" EMT
	(1)	10 AWG	THWN-2, or THHN COPPER - (GROUND)	
3	(4)	10 AWG	THHN/THWN-2, COPPER - (L1, L2)	3/4" EMT
	(1)	10 AWG	THHN/THWN-2 - (GROUND)	
4	(3)	8 AWG	THWN-2 COPPER - (L1, L2, NEUTRAL)	3/4" EMT
	(1)	10 AWG	THWN-2 COPPER - (GROUND)	
5	(3)	6 AWG	THWN-2 COPPER - (L1,L2,NEUTRAL)	3/4" EMT
	(0)	NONE	N/A - NO GROUND WIRE PRESENT	



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We Energies



VISIBLE, LOCKABLE,
LABELED AC DISCONNECT
LOCATED WITHIN 10'
OF UTILITY METER

DRAWN BY: SoloCAD

DATE:
January 6, 2022

LINE DIAGRAM - PV05

STRING CALCULATIONS		
AP Systems YC600	STRING #1	STRING #2
MAX AC CURRENT:	15.96A	9.12A
MICRO INVERTERS IN SERIES	7	4
NOMINAL STRING VOLTAGE:	240V	240V
MAX AC OUTPUT POWER	3836W	2192W
ARRAY DC POWER:	7920W	
TOTAL MAX AC CURRENT:	25.08A	

NUMBER OF CURRENT CARRYING CONDUCTORS	PERCENT OF VALUES
4-6	.80
7-9	.70
10-20	.50

SYSTEM OCPD CALCULATIONS	
INVERTER MODEL(S):	AP Systems YC600
# OF INVERTERS:	11
MAX OUTPUT CURRENT:	2.28A
(# OF INVERTERS) X (MAX OUTPUT CURRENT) X 125% <= OCPD RATING	
(11 X 2.28 A X 1.25) = 31.35A <= 40A, OK	

SUPPLY SIDE INTERCONNECTION	
MAIN BUSBAR RATING:	225A
MAIN DISCONNECT RATING:	200A
PV OCPD RATING:	40A
SERVICE RATING >= PV OCPD	
225A >= 40A, OK	

Conduit & Conductor Schedule											
TAG	QTY	WIRE GAUGE	DESCRIPTION	CONDUIT SIZE	CONDUCTOR RATING	CONDUCTOR TEMP. RATE	AMBIENT TEMP	TEMP. DERATE	# OF CONDUCTORS DERATE	CONDUCTOR RATING W/DERATES	CONDUIT FILL
1	(2)	12-2	TC-ER, THWN-2, COPPER (L1, L2)	N/A - FREE AIR	30A	90°C	32°C	0.96	N/A - FREE AIR	28.8A	N/A - FREE AIR
	(1)	6 AWG	BARE, COPPER (GROUND)								
2	(2)	10 AWG	THWN-2, or THHN COPPER - (L1, L2)	3/4" EMT	40A	90°C	32°C	0.96	1	38.4A	11.9%
	(1)	10 AWG	THWN-2 COPPER - (GROUND)								
3	(4)	10 AWG	THHN/THWN-2, COPPER - (L1, L2)	3/4" EMT	40A	90°C	32°C	0.96	0.8	30.72A	19.8%
	(1)	10 AWG	THWN-2 COPPER - (GROUND)								
4	(3)	8 AWG	THWN-2 COPPER - (L1, L2, NEUTRAL)	3/4" EMT	50A	75°C	32°C	0.96	1	48A	24.6%
	(1)	10 AWG	THWN-2 COPPER - (GROUND)								
5	(3)	6 AWG	THWN-2 COPPER - (L1,L2,NEUTRAL)	3/4" EMT	65A	75°C	32°C	0.96	1	62.4A	28.61%
	(0)	NONE	N/A - NO GROUND WIRE PRESENT								

GROUNDING & GENERAL NOTES:

- PV INVERTER IS UNGROUNDED, TRANSFORMER-LESS TYPE.
- DC GEC AND AC EGC TO BE SPLICED TO EXISTING ELECTRODE
- ANY EXISTING WIRING INVOLVED WITH PV SYSTEM CONNECTION THAT IS FOUND TO BE INADEQUATE PER CODE SHALL BE CORRECTED PRIOR TO FINAL INSPECTION.
- JUNCTION BOX QUANTITIES, AND PLACEMENT SUBJECT TO CHANGE IN THE FIELD - JUNCTION BOXES DEPICTED ON ELECTRICAL DIAGRAM REPRESENT WIRE TYPE TRANSITIONS.
- AC DISCONNECT NOTED IN EQUIPMENT SCHEDULE OPTIONAL IF OTHER AC DISCONNECTING MEANS IS LOCATED WITHIN 10' OF SERVICE DISCONNECT.

INTERCONNECTION NOTES

- GROUND FAULT PROTECTION IN ACCORDANCE WITH [NEC 215.9] & [NEC 230.95]
- SUPPLY SIDE INTERCONNECTION ACCORDING TO [NEC705.12(A)]

DISCONNECT NOTES

- DISCONNECTING SWITCHES SHALL BE WIRED SUCH THAT WHEN THE SWITCH IS OPENED THE CONDUCTORS REMAINING LIVE ARE CONNECTED TO THE TERMINALS MARKED “LINE SIDE” (TYPICALLY THE UPPER TERMINALS)
- AC DISCONNECT MUST BE ACCESSIBLE TO QUALIFIED UTILITY PERSONNEL, BE LOCKABLE, AND BE A VISIBLE-BREAK SWITCH.
- FUSED AC DISCONNECT TO BE USED.



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We Energies

DRAWN BY: SoloCAD

DATE:
January 6, 2022

ELECTRICAL CALCS - PV06

WARNING

ELECTRIC SHOCK HAZARD

**TERMINALS ON THE LINE AND
LOAD SIDES MAY BE ENERGIZED
IN THE OPEN POSITION**

LABEL 1
FOR PV DISCONNECTING MEANS WHERE THE LINE AND
LOAD TERMINALS MAY BE ENERGIZED IN THE OPEN
POSITION.
[NEC 690.13(B)]

WARNING

**THIS EQUIPMENT IS FED BY MULTIPLE
SOURCES. TOTAL RATING OF ALL
OVERCURRENT DEVICES, EXCLUDING
MAIN SUPPLY OVERCURRENT
DEVICE, SHALL NOT EXCEED
AMPACITY OF BUSBAR.**

LABEL 2
PLACED ADJACENT TO THE BACK-FED BREAKER FROM
THE INVERTER IF TIE IN CONSISTS OF LOAD SIDE
CONNECTION TO BUSBAR.
[NEC 705.12(B)(2)(3)(b)]

WARNING

INVERTER OUTPUT CONNECTION

**DO NOT RELOCATE
THIS OVERCURRENT
DEVICE**

LABEL 3
PLACED ADJACENT TO THE BACK-FED BREAKER
FROM THE INVERTER IF TIE IN CONSISTS OF LOAD
SIDE CONNECTION TO BUSBAR.
[NEC 705.12(B)(2)(3)(c)]

WARNING

DUAL POWER SUPPLY

**SOURCES: UTILITY GRID AND PV
SOLAR ELECTRIC SYSTEM**

LABEL 4
EQUIPMENT CONTAINING OVERCURRENT
DEVICES IN CIRCUITS SUPPLYING POWER TO A
BUSBAR OR CONDUCTOR SUPPLIED FROM
MULTIPLE SOURCES SHALL BE MARKED TO
INDICATE THE PRESENCE OF ALL SOURCES
[NEC 705.12(B)(3)]

PHOTOVOLTAIC AC DISCONNECT

RATED AC OUTPUT CURRENT:

25

NOMINAL OPERATING AC VOLTAGE:

240

LABEL 5
AT POINT OF INTERCONNECTION, MARKED AT
AC DISCONNECTING MEANS.
[NEC 690.54, NEC 690.13 (B)]

- LABELING NOTES:**
1. LABELS CALLED OUT ACCORDING TO ALL COMMON CONFIGURATIONS. ELECTRICIAN TO DETERMINE EXACT REQUIREMENTS IN THE FIELD PER CURRENT NEC AND LOCAL CODES AND MAKE APPROPRIATE ADJUSTMENTS.
 2. LABELING REQUIREMENTS BASED ON THE 2017 NATIONAL ELECTRIC CODE, OSHA STANDARD 19010.145, ANSI Z535.
 3. MATERIAL BASED ON THE REQUIREMENTS OF THE AUTHORITY HAVING JURISDICTION.
 4. LABELS TO BE OF SUFFICIENT DURABILITY TO WITHSTAND THE ENVIRONMENT INVOLVED [NEC 110.21(B)(3)]
 5. LABELS TO BE A MINIMUM LETTER HEIGHT OF 3/8", WHITE ON RED BACKGROUND; REFLECTIVE, AND PERMANENTLY AFFIXED [IFC 605.11.1.1]

**WARNING: PHOTOVOLTAIC
POWER SOURCE**

**SOLAR PV SYSTEM EQUIPPED
WITH RAPID SHUTDOWN**

TURN RAPID SHUTDOWN
SWITCH TO THE "OFF"
POSITION TO SHUT DOWN
PV SYSTEM AND REDUCE
SHOCK HAZARD IN ARRAY

LABEL 6
AT DIRECT-CURRENT EXPOSED RACEWAYS, CABLE TRAYS, COVERS AND
ENCLOSURES OF JUNCTION BOXES, AND OTHER WIRING METHODS; SPACED
AT MAXIMUM 10FT SECTION OR WHERE SEPARATED BY ENCLOSURES, WALLS,
PARTITIONS, CEILINGS, OR FLOORS.
[NEC 690.31(G)(3&4)]

LABEL 7
FOR PV SYSTEMS THAT SHUT DOWN THE ARRAY AND CONDUCTORS LEAVING
THE ARRAY:
SIGN TO BE LOCATED ON OR NO MORE THAN 3 FT AWAY FROM SERVICE
DISCONNECTING MEANS TO WHICH THE PV SYSTEMS ARE CONNECTED AND
SHALL INDICATE THE LOCATION OF ALL IDENTIFIED RAPID SHUTDOWN
SWITCHES IF NOT AT THE SAME LOCATION.
[NEC 690.56(C)(1)(A)]

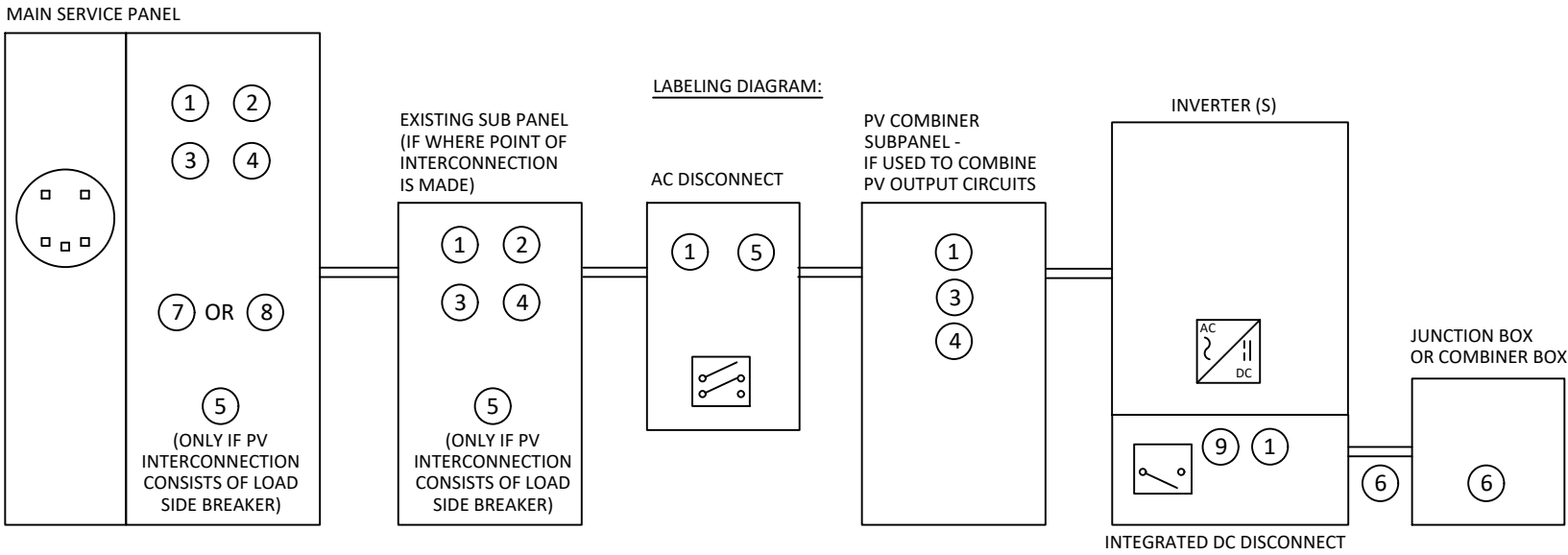
**SOLAR PV SYSTEM EQUIPPED
WITH RAPID SHUTDOWN**

TURN RAPID SHUTDOWN
SWITCH TO THE "OFF"
POSITION TO SHUT DOWN
CONDUCTORS OUTSIDE
THE ARRAY. CONDUCTORS
WITHIN THE ARRAY REMAIN
ENERGIZED IN SUNLIGHT

LABEL 8
FOR PV SYSTEMS THAT ONLY SHUT DOWN CONDUCTORS
LEAVING THE ARRAY:
SIGN TO BE LOCATED ON OR NO MORE THAN 3 FT AWAY
FROM SERVICE DISCONNECTING MEANS TO WHICH THE
PV SYSTEMS ARE CONNECTED AND SHALL INDICATE THE
LOCATION OF ALL IDENTIFIED RAPID SHUTDOWN
SWITCHES IF NOT AT THE SAME LOCATION.
[NEC 690.56(C)(1)(b)]

**RAPID SHUTDOWN
SWITCH FOR
SOLAR PV SYSTEM**

LABEL 9
SIGN LOCATED AT RAPID SHUT DOWN
DISCONNECT SWITCH [NEC 690.56(C)(3)].



*ELECTRICAL DIAGRAM SHOWN ABOVE IS FOR LABELING PURPOSES ONLY. NOT AN ACTUAL REPRESENTATION OF EQUIPMENT AND CONNECTIONS TO BE INSTALLED. LABEL LOCATIONS PRESENTED MAY VARY DEPENDING ON TYPE OF INTERCONNECTION METHOD AND LOCATION PRESENTED ON THE ELECTRICAL DIAGRAM PAGE.



CONTRACTOR INFORMATION:

Everlight Solar Construction
PO Box 930550
Verona, WI 53593
License# DCQ-111802116
833.786.4387 ext. 701

SITE INFORMATION

David Schultz

512 Westlawn Ave
Mukwonago, WI 53149

AC SYSTEM SIZE: 6.028 kW AC
DC SYSTEM SIZE: 7.92 kW DC
Lat, 42.8787327
Long, -88.3459233999999

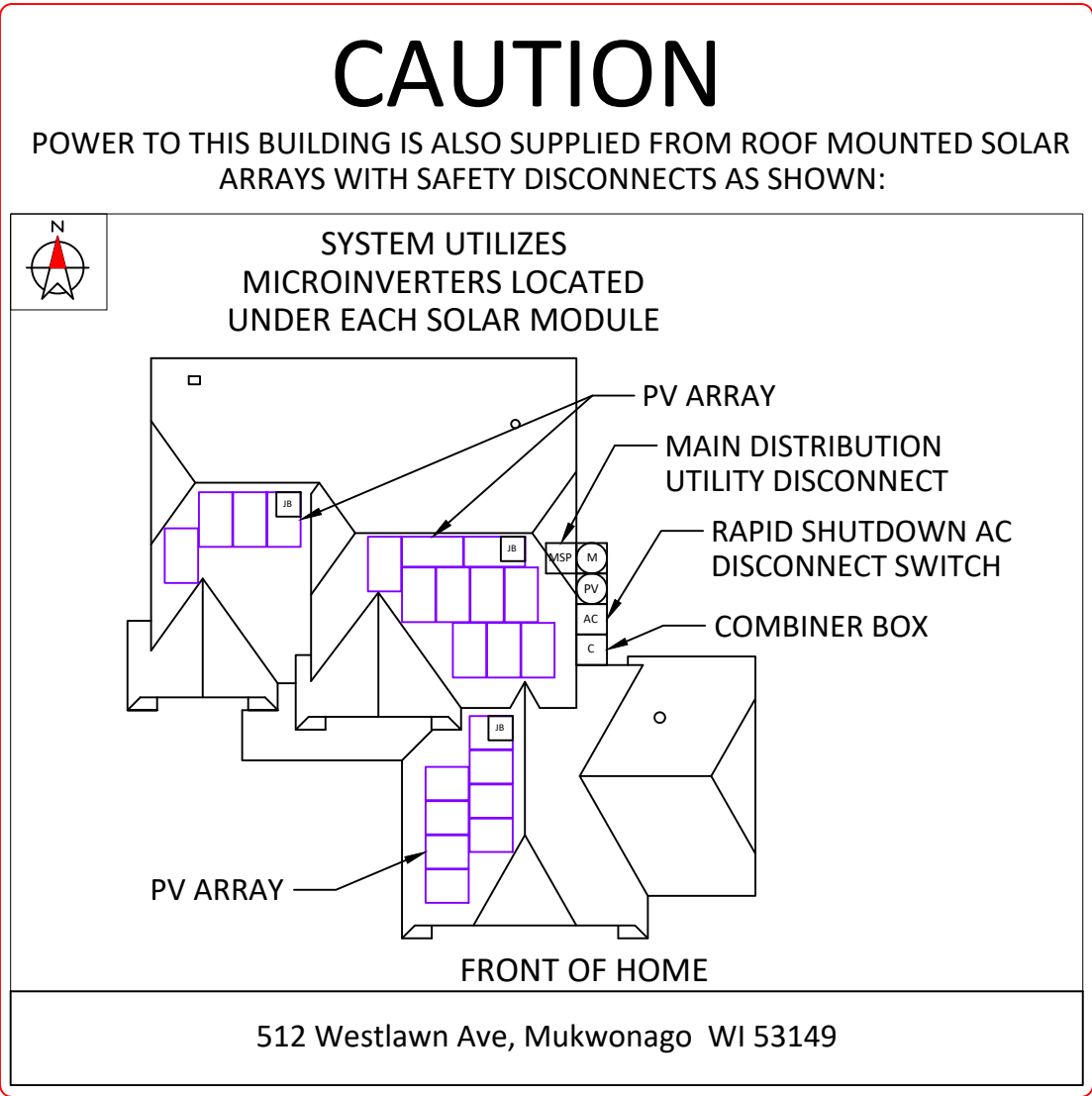
(22) Silfab SIL-360 NX mono PERC PV
MODULES
(11) AP Systems YC600 INVERTER(S)

We Energies

DRAWN BY: SoloCAD

DATE:
January 6, 2022

LABELS - PV07



SITE PHOTOS:



CONTRACTOR INFORMATION:
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We Energies

DRAWN BY: SoloCAD

DATE:
January 6, 2022

SITE PHOTOS - PV09

SITE PHOTOS:



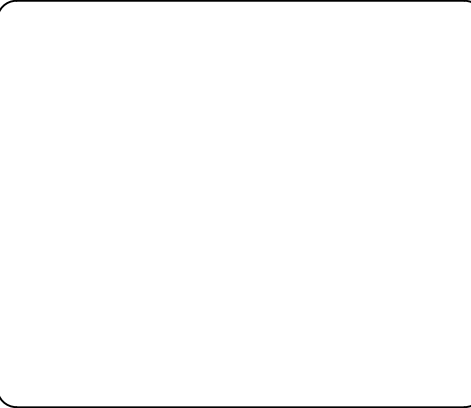


Everlight Solar

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MODULES
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We Energies



DRAWN BY: SoloCAD
DATE:
January 6, 2022
FRONT/BACK VIEWS - PV09.1

SITE PHOTOS:





Everlight Solar

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(11) AP Systems YC600 INVERTER(S)

We Energies

DRAWN BY: SoloCAD

DATE:
January 6, 2022

SIDE VIEWS - PV09.2

SITE PHOTOS:





Everlight Solar

CONTRACTOR INFORMATION:
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License# DCQ-111802116
833.786.4387 ext. 701

SITE INFORMATION
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MODULES
(11) AP Systems YC600 INVERTER(S)
We Energies

DRAWN BY: SoloCAD
DATE:
January 6, 2022
METER/OPEN MSP - PV09.3



SIL-360 NX



Proud Partner of
Everlight Solar

HIGH EFFICIENCY PREMIUM MONO-PERC PV MODULE



CHUBB®
* Chubb provides error and omission insurance to Silfab Solar Inc.

INDUSTRY LEADING WARRANTY

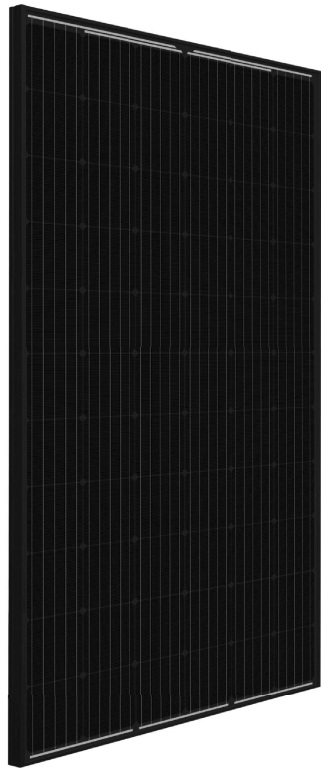
All our products include an industry leading 25-year product workmanship and 30-year performance warranty.

35+ YEARS OF SOLAR INNOVATION

Leveraging over 35+ years of worldwide experience in the solar industry, Silfab is dedicated to superior manufacturing processes and innovations such as Bifacial and Back Contact technologies, to ensure our partners have the latest in solar innovation.

NORTH AMERICAN QUALITY

Silfab is the leading automated solar module manufacturer in North America. Utilizing premium quality materials and strict quality control management to deliver the highest efficiency, premium quality PV modules.



BAA / ARRA COMPLIANT

Silfab panels are designed and manufactured to meet Buy American Act Compliance. The US State Department, US Military and FAA have all utilized Silfab panels in their solar installations.

LIGHT AND DURABLE

Engineered to accommodate high wind load conditions for test loads validated up to 4000Pa uplift. The light-weight frame is exclusively designed for wide-ranging racking compatibility and durability.

QUALITY MATTERS

Total automation ensures strict quality controls during the entire manufacturing process at our ISO certified facilities.

DOMESTIC OPERATIONS

Our 500+ North American team is ready to help our partners win the hearts and minds of customers, providing customer service and product delivery that is direct, efficient and local.

AESTHETICALLY PLEASING

All black sleek design, ideal for high-profile residential or commercial applications.

PID RESISTANT

PID Resistant due to advanced cell technology and material selection. In accordance to IEC 62804-1.

Electrical Specifications		SIL-360 NX mono PERC	
Test Conditions		STC	NOCT
Module Power (Pmax)	Wp	360	258
Maximum power voltage (Vpmax)	V	36.6	33.1
Maximum power current (Ipmax)	A	9.9	7.8
Open circuit voltage (Voc)	V	44.5	40.4
Short circuit current (Isc)	A	10.5	8.2
Module efficiency	%	19.7	17.6
Maximum system voltage (VDC)	V	1000	
Series fuse rating	A	20	
Power Tolerance	Wp	0 to +10	

Measurement conditions: STC 1000 W/m² • AM 1.5 • Temperature 25 °C • NOCT 800 W/m² • AM 1.5 • Measurement uncertainty ≤ 3%
• Sun simulator calibration reference modules from Fraunhofer Institute. Electrical characteristics may vary by ±5% and power by 0 to +10W.

Temperature Ratings		SIL-360 NX mono PERC
Temperature Coefficient Isc		+0.064 %/°C
Temperature Coefficient Voc		-0.28 %/°C
Temperature Coefficient Pmax		-0.36 %/°C
NOCT (± 2°C)		46 °C
Operating temperature		-40/+85 °C

Mechanical Properties and Components			SIL-360 NX mono PERC
	Metric	Imperial	
Module weight	20±0.2 kg	44±0.4 lbs	
Dimensions (H x L x D)	1832 mm x 1000 mm x 38 mm	72.13 in x 39.4 in x 1.5 in	
Maximum surface load (wind/snow)*	4000 Pa rear load / 5400 Pa front load	83.5/112.8 lb/ft^2	
Hail impact resistance	ø 25 mm at 83 km/h	ø 1 in at 51.6 mph	
Cells	66 - Si mono-PERC - 5 busbar 158.75 x 158.75 mm	66 - Si mono-PERC - 5 busbar 62.25 x 62.25 in	
Glass	3.2 mm high transmittance, tempered, DSM anti-reflective coating	0.126 in high transmittance, tempered, DSM anti-reflective coating	
Cables and connectors (refer to installation manual)	1200 mm ø 5.7 mm, MC4 from Staubli	47.2 in, ø 0.22 (12AWG), MC4 from Staubli	
Backsheet	High durability, superior hydrolysis and UV resistance, multi-layer dielectric film, fluorine-free PV backsheet		
Frame	Anodized Aluminum (Black)		
Bypass diodes	3 diodes-30SQ045T (45V max DC blocking voltage, 30A max forward rectified current)		
Junction Box	UL 3730 Certified, IEC 62790 Certified, IP67 rated		

Warranties		SIL-360 NX mono PERC
Module product workmanship warranty		25 years**
Linear power performance guarantee		30 years
		≥ 97.1% end 1 st year ≥ 91.6% end 12 th year ≥ 85.1% end 25 th year ≥ 82.6% end 30 th year

Certifications		SIL-360 NX mono PERC
Product		ULC ORD C1703, UL1703, CEC listed***, UL 61215-1/-1-1/-2, UL 61730-1/-2, IEC 61215-1/-1-1/-2***, IEC 61730-1/-2***, CSA C22.2#61730-1/-2, IEC 62716 Ammonia Corrosion; IEC61701:2011 Salt Mist Corrosion Certified, UL Fire Rating: Type 2 ISO9001:2015
Factory		

All states except California California
■ Modules Per Pallet: 26 ■ Modules Per Pallet: 26
■ Pallets Per Truck: 34 ■ Pallets Per Truck: 32
■ Modules Per Truck: 884 ■ Modules Per Truck: 832

*▲ Warning. Read the Safety and Installation Manual for mounting specifications and before handling, installing and operating modules.

**12 year extendable to 25 years subject to registration and conditions outlined under "Warranty" at www.silfabsolar.com.

***Certification and CEC listing in progress.

PAN files generated from 3rd party performance data are available for download at: www.silfabsolar.com/downloads.



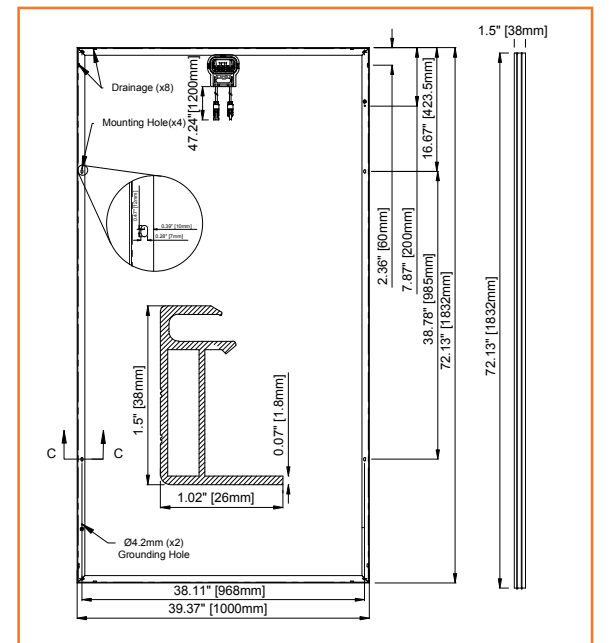
Everlight Solar
Tel 833-786-4387
www.everlightsolar.com



Silfab Solar Inc.
240 Courtney Park Drive East
Mississauga ON L5T 2Y3 Canada
Tel +1 905-255-2501 | Fax +1 905-696-0267
info@silfabsolar.com | www.silfabsolar.com



Silfab Solar Inc.
800 Cornwall Ave
Bellingham WA 98225 USA
Tel +1 360-569-4733



APsystems YC600 Microinverter Datasheet

INPUT DATA (DC)

Module Compatibility	60 & 72 Cell PV Modules
MPPT Voltage Range	22V-48V
Operation Voltage Range	16V-55V
Maximum Input Voltage	55V
Maximum Input Current	12A x 2
Maximum Total PV Array Short Circuit Current	15A

OUTPUT DATA (AC)

	240V	208V
Maximum Continuous Output Power	548VA	548VA
Peak Output Power	600VA	600VA
Nominal Output Voltage	240V	208V
Nominal Output Current	2.28A	2.63A
Nominal Output Frequency	60Hz	60Hz
Adjustable Output Voltage Range	211-264V	183-229V
Adjustable Output Frequency Range	59.3 - 60.5Hz	59.3 - 60.5Hz
Power Factor (Adjustable)	0.8 leading...0.8 lagging	0.8 leading...0.8 lagging
Total Harmonic Distortion	<3%	<3%
Maximum Units per Branch	7 (14 PV modules)	6 (12 PV modules)

EFFICIENCY

Peak Efficiency	96.7%
CEC Weighted Efficiency	96.5%
Nominal MPPT Efficiency	99.5%
Night Power Consumption	60mW

MECHANICAL DATA

Operating Ambient Temperature Range	-40°F to +149°F (-40°C to +65°C)
Storage Temperature Range	-40°F to +185°F (-40°C to +85°C)
Dimensions (WxHxD) inches	10.24" x 7.4" x 1.24"
Dimensions (WxHxD) mm	260mm x 188mm x 31.5mm
Weight	5.7 lbs (2.6kg)
AC BUS Maximum Current	20A
Connector Type	MC4 Type
Enclosure Rating	NEMA 6 (IP67)
Cooling	Natural Convection - No Fans

FEATURES & COMPLIANCE

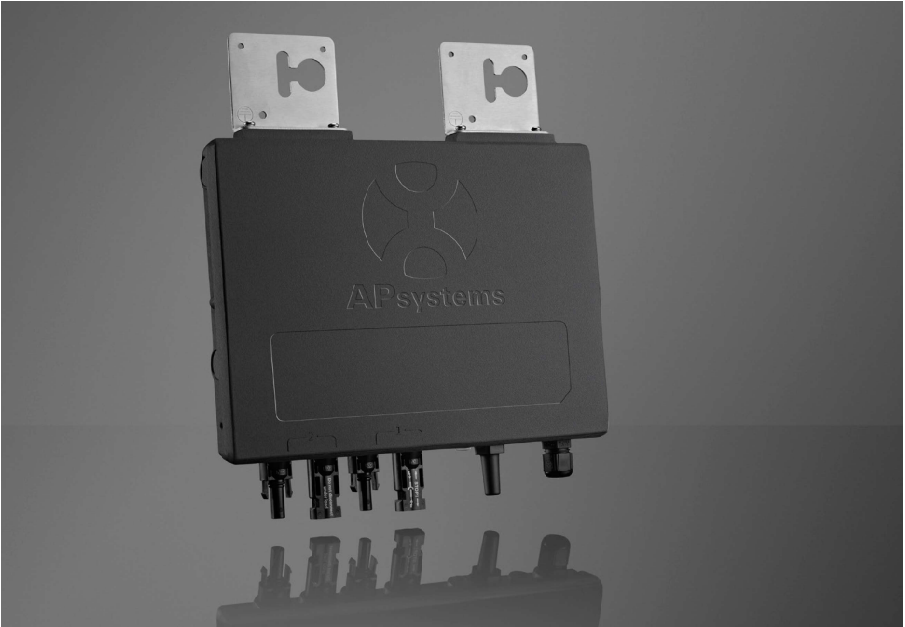
Communication	Wireless Zigbee
Transformer Design	High Frequency Transformers, Galvanic Isolation
Monitoring	Via EMA**Online Portal
Emissions & Immunity (EMC) Compliance	FCC PART 15, ANSI C63.4, ICES-003
Safety & Grid Connection Compliance	UL1741, UL1741 SA (240V version only), CA Rule 21 (240V version only), IEEE1547, CSA C22.2 No.107.1-01, NEC 2017 690.12, 690.11

* Depending on the local regulations.

**APsystems online Energy Management Analysis (EMA) platform

Specifications subject to change without notice - please ensure you are using the most recent version found at APsystems.com

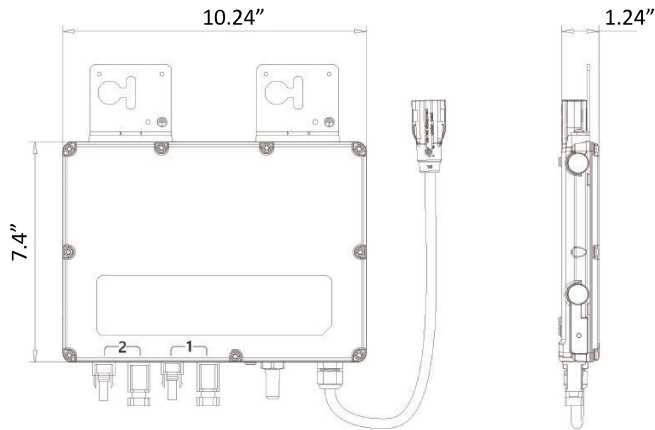
2.11.19 © All Rights Reserved



YC600
Microinverter

- Dual-module microinverter with independent MPPT
- Utility-interactive with Reactive Power Control (RPC)
- CA Rule 21 compliant
- Continuous power of 274VA per channel, 300VA peak
- Accommodates modules from 250-365W+
- Wide MPPT voltage range (22V-48V)
- Meets NEC 2014/2017 690.12 Rapid Shutdown requirements
- ZigBee communication & free monitoring

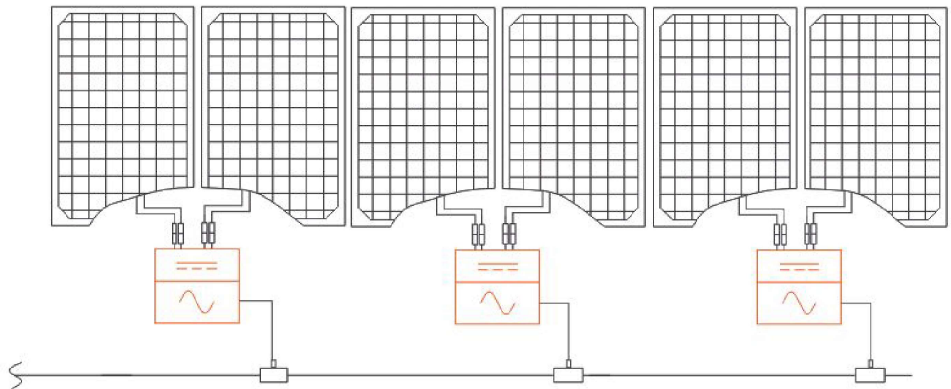
DIMENSIONS



With its groundbreaking design and features, the YC600 is the pinnacle of microinverter technology. A single-phase, smart grid-compliant microinverter, the YC600 serves two modules with dual, independent MPPT. Zigbee wireless communication over a mesh network offers faster data speeds than PLC and a wider MPPT voltage range results in a greater energy harvest for homeowners.

A true utility-interactive microinverter with Reactive Power Control (RPC) technology, the YC600 meets CA Rule 21 requirements and is inherently NEC 2014/2017 Rapid Shutdown compliant. The unit also builds on the successful APsystems line of multi-module microinverters, simplifying installation and reducing logistics costs.

WIRING SCHEMATIC

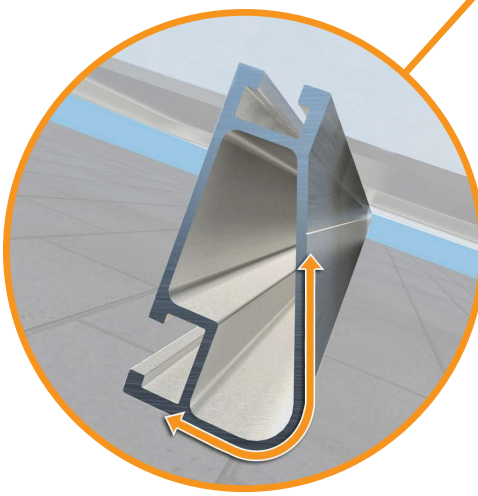
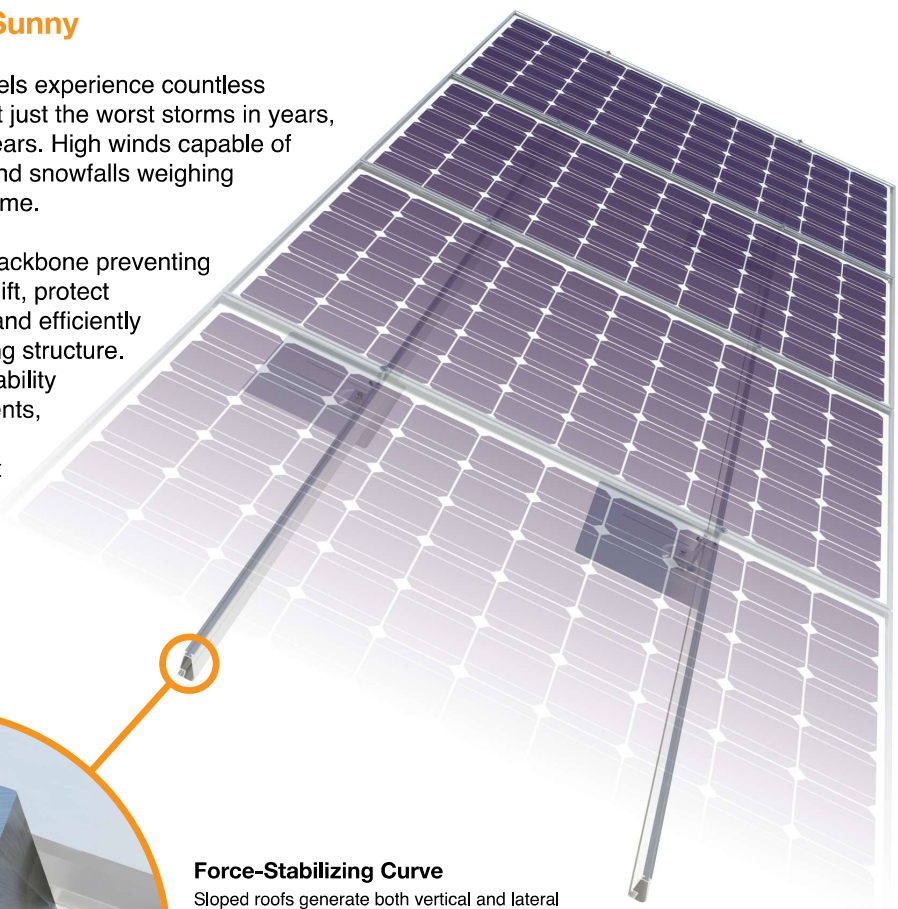


XR Rail Family

Solar Is Not Always Sunny

Over their lifetime, solar panels experience countless extreme weather events. Not just the worst storms in years, but the worst storms in 40 years. High winds capable of ripping panels from a roof, and snowfalls weighing enough to buckle a panel frame.

XR Rails are the structural backbone preventing these results. They resist uplift, protect against buckling and safely and efficiently transfer loads into the building structure. Their superior spanning capability requires fewer roof attachments, reducing the number of roof penetrations and the amount of installation time.



Force-Stabilizing Curve
Sloped roofs generate both vertical and lateral forces on mounting rails which can cause them to bend and twist. The curved shape of XR Rails is specially designed to increase strength in both directions while resisting the twisting. This unique feature ensures greater security during extreme weather and a longer system lifetime.

Compatible with Flat & Pitched Roofs



XR Rails are compatible with FlashFoot and other pitched roof attachments.



IronRidge offers a range of tilt leg options for flat roof mounting applications.

Corrosion-Resistant Materials

All XR Rails are made of 6000-series aluminum alloy, then protected with an anodized finish. Anodizing prevents surface and structural corrosion, while also providing a more attractive appearance.



XR Rail Family

The XR Rail Family offers the strength of a curved rail in three targeted sizes. Each size supports specific design loads, while minimizing material costs. Depending on your location, there is an XR Rail to match.



XR10

XR10 is a sleek, low-profile mounting rail, designed for regions with light or no snow. It achieves spans up to 6 feet, while remaining light and economical.

- 6' spanning capability
- Moderate load capability
- Clear & black anodized finish
- Internal splices available



XR100

XR100 is the ultimate residential mounting rail. It supports a range of wind and snow conditions, while also maximizing spans up to 10 feet.

- 10' spanning capability
- Heavy load capability
- Clear & black anodized finish
- Internal splices available



XR1000

XR1000 is a heavyweight among solar mounting rails. It's built to handle extreme climates and spans up to 12 feet for commercial applications.

- 12' spanning capability
- Extreme load capability
- Clear anodized finish
- Internal splices available

Rail Selection

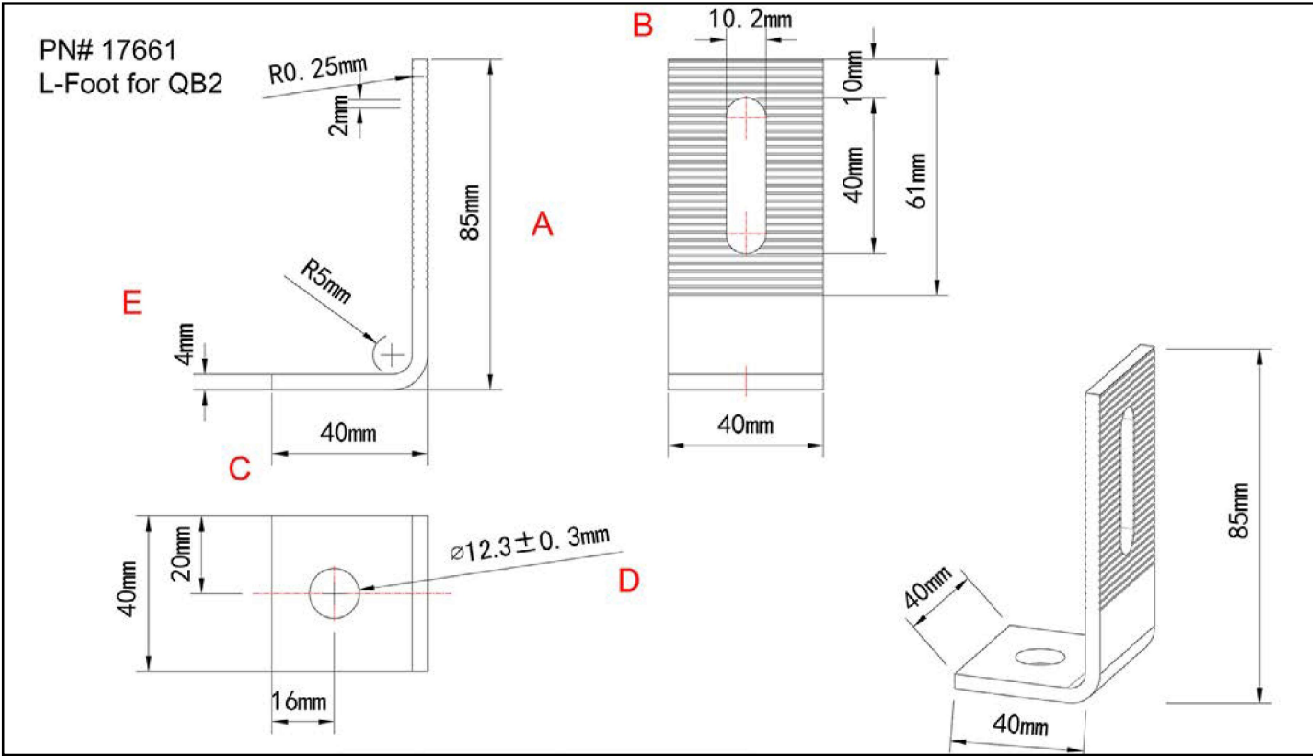
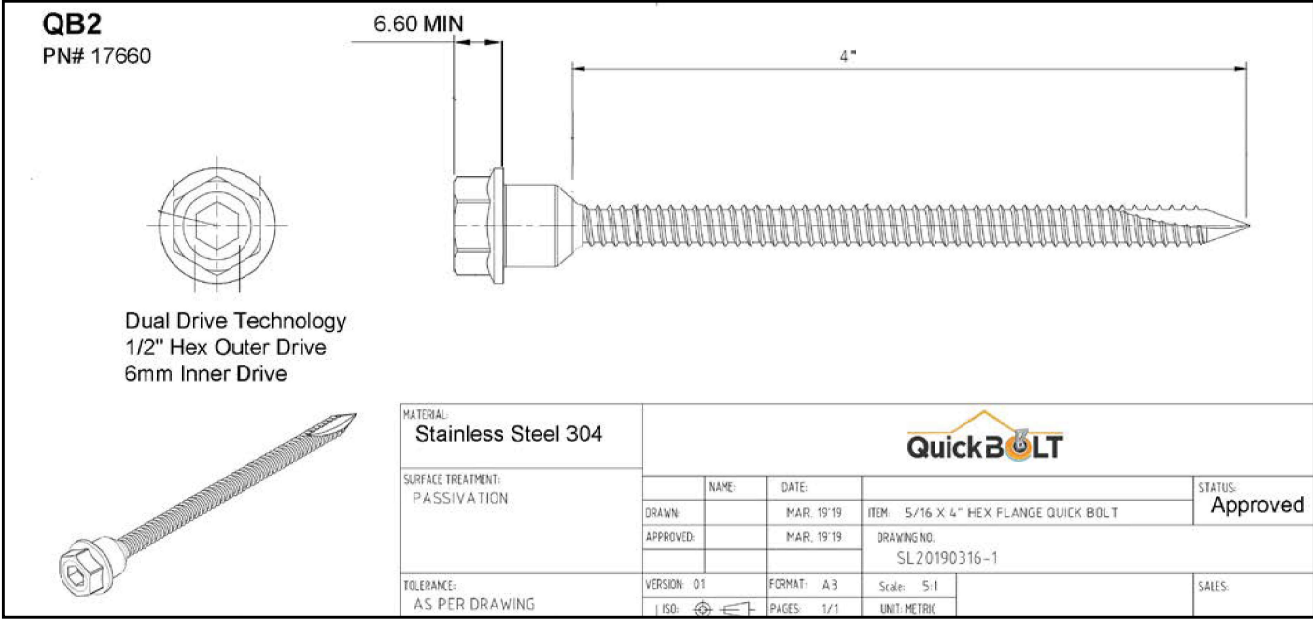
The table below was prepared in compliance with applicable engineering codes and standards.* Values are based on the following criteria: ASCE 7-16, Gable Roof Flush Mount, Roof Zones 1 & 2e, Exposure B, Roof Slope of 8 to 20 degrees and Mean Building Height of 30 ft. Visit IronRidge.com for detailed certification letters.

Load		Rail Span					
Snow (PSF)	Wind (MPH)	4'	5' 4"	6'	8'	10'	12'
None	90	XR10		XR100		XR1000	
	120						
	140						
	160						
20	90						
	120						
	140						
	160						
30	90						
	160						
40	90						
	160						
80	160						
120	160						

*Table is meant to be a simplified span chart for conveying general rail capabilities. Use approved certification letters for actual design guidance.

SPEC SHEET

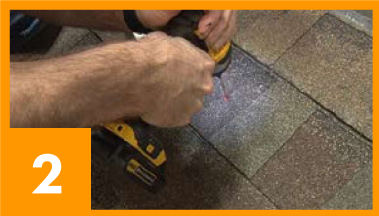
Part #	Box Quantity
17660	4" QB2 (25)
17662	3" Microflashing® (25); 4" QB2 (25); L-Foot (25)



INSTALL INSTRUCTIONS



1



2



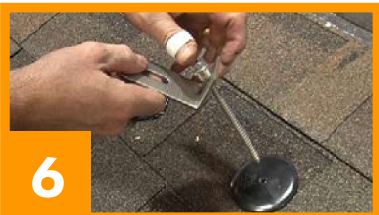
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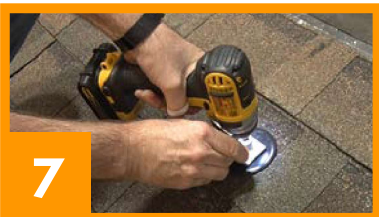
4



5



6



7

QB2 (17662)

RECOMMENDED MATERIALS

- Tools to locate and mark rafter
- Drill with a 15/64" drill bit
- MFG approved sealant (optional)
- 1/2" Nut Setter

INSTALLATION INSTRUCTIONS

1. Locate and mark the rafter
2. Predrill the hole
3. Optional: Fill the predrilled hole with MFG approved sealant
4. Optional: Place a ring of sealant around the bottom of the Microflashing® washer
5. Place the Microflashing®
6. Insert the Bolt into the L-Foot
7. Drive the Bolt until the Microflashing® is compressed



BUILDING CODE LETTER



February 26, 2019

To whom this may concern,

QuickBOLT is committed to excellence. The parts tested are durable goods, meaning the material composition and detailed specifications of the parts do not change. Therefore, all stamps are current. Any part tested will have the same results no matter what year the tests are performed.

SolarRoofHook is the previous name of QuickBOLT. Any test result referencing SolarRoofHook is referring to a QuickBOLT product.

All our parts were tested by a third-party test facility, in possession of a current engineering license for the state where the tests were performed for the following.

1. Uplift test
2. Downward load test
3. Lateral Test – Asphalt Mounts, and Metal Mounts only
4. ASTM E2440 and ASTM E330 Waterproof Tests - QuickBOLT only

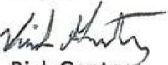
The following is an excerpt from:

CALIFORNIA BOARD FOR PROFESSIONAL ENGINEERS AND LAND SURVEYORS
guide to Engineering & Land Surveying for City and County Officials
Page 12, Line 27

27. If the license has expired between the time the engineering documents were prepared and the time when the local agency's review is performed, do the documents need to be re-sealed by a licensee with a current license? (B&P Code §§ 6733, 6735, 6735.3, 6735.4)

As long as the license was current at the time the engineering documents were prepared, the documents do not need to be re-sealed prior to review by the local agency. However, any changes (updates or modifications) to the documents that are made following the review by the local agency would have to be prepared by a licensed engineer with a current license and those changes would have to be signed and sealed.

We trust the information provided will resolve any request for the test reports submitted to have a stamp from the current year.

Regards,

Rick Gentry
Executive Vice President

CERTIFICATE OF COMPLIANCE

Certificate Number 20191115-E493748
Report Reference E493748-20170817
Issue Date 2019-NOVEMBER-15

Issued to: QUICKBOLT A DIVISION OF QUICKSCREWS INTERNATIONAL CORP
5830 Las Positas Rd
Livermore, CA 94551

This is to certify that representative samples of COMPONENT - MOUNTING SYSTEMS, MOUNTING DEVICES, CLAMPING DEVICES AND GROUND LUGS FOR USE WITH PHOTOVOLTAIC MODULES AND PANELS (See Adendum for Additional Information.)

Have been investigated by UL in accordance with the component requirements in the Standard(s) indicated on this Certificate. UL Recognized components are incomplete in certain constructional features or restricted in performance capabilities and are intended for installation in complete equipment submitted for investigation to UL LLC.

Standard(s) for Safety: UL 2703 Standard for Mounting Systems, Mounting Devices, Clamping/Retention Devices, and Ground Lugs for Use with Flat-Plate Photovoltaic Modules and Panels.

Additional Information: See the UL Online Certifications Directory at www.ul.com/database for additional information

This Certificate of Compliance does not provide authorization to apply the UL Recognized Component Mark.
Only those products bearing the UL Recognized Component Mark should be considered as being UL Certified and covered under UL's Follow-Up Services.
Look for the UL Recognized Component Mark on the product.

B. Mahlen
Bruce Mahlenholz, Director North American Certification Program
UL LLC

Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL. For questions, please contact a local UL Customer Service Representative at <http://ul.com/about/locations/>



CERTIFICATE OF COMPLIANCE

Certificate Number 20191115-E493748
Report Reference E493748-20170817
Issue Date 2019-NOVEMBER-15

This is to certify that representative samples of the product as specified on this certificate were tested according to the current UL requirements.

Addendum -

Models/Product

USR – Component, Roof Mounting Hook Units, Models 15891 15893 15987 16000 16988 16990 16991 16993 17508 17509 17510 17511 17512 17513 17514 17515 17516 17517 17518 17519 17520 17521 17522 17523 17524 17525 17526 17527 17536 17537 17538 17539 17540 17541 17542 17543 17544 17545 17546 17547 17548 17549 17550 17551 17552 17553 17554 17555 17556 17558 17559 17560 17568 17569 17570 17571 17572 17573 17574 17575 17576 17577 17578 17579 17580 17585 17586 17587 17588 17589 17592 17596 17600 17601 17606 17607 17608 17609 17610 17611 17612 17613 17614 17615 17616 17617 17618 17620 17621 17622 17623 17624 17625 17626 17627 17628 17629 17630 17631 17632 17633 17636 17637 17638 17639 17642 17643 17646 17647 17648 17649 17650 17651 17659 17664 17667 17669 17670 17671 17672 17673 17678 17679 17680 17681 17686 17687 17688 17689 17700 17701 17702 17703 17704 17705 17706 17707 17708 17709 17710 17711 17712 17717 17718 17759 15891-10 15891BLK-10 15987A 15987B 17667SS 17672SS 17680SS 17688SS 17713SS 17720 17721SS 17723 17724SS 17726 17727SS 17729 17730SS 15894SS 15891SS 15987BSS 17660 17661 17662 17663

Ratings: Overcurrent Protection Rating – 25 Amps

B. Mahlen
Bruce Mahlenholz, Director North American Certification Program
UL LLC

Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL. For questions, please contact a local UL Customer Service Representative at <http://ul.com/about/locations/>





MILBANK
ENERGY AT WORK

U1783-O-KK



Catalog Number	U1783-O-KK
Marketing Product Description	4 Terminal Ringless Plain Top Horn Bypass 2 Position Single Pedestal Direct Bury
UPC	784572134287
Length (IN)	4.5
Width (IN)	8.188
Height (IN)	74
Brand Name	Milbank
Type	Ringless Meter Socket
Application	Meter Socket
Standard	UL Listed;Type 3R
Voltage Rating	Up to 240 Volts Alternating Current
Amperage Rating	200 Continuous Ampere
Phase	1 Phase
Frequency Rating	60 Hertz
Size	4.5L x 8.188W x 74H
Number Of Cutouts	0
Cutout Size	No Main Breaker
Cable Entry	Underground
Terminal	Single Mechanical
Insulation	Glass Polyester
Mounting	Pedestal

Enclosure G90 Galvanized Steel with
Powder Coat Finish

Jaw Quantity 4 Terminal

Bypass Type Horn Bypass

Number of Meter Positions 2 Positions

Equipment Ground 2 Barrel Ground Lug

Hub Opening Plain Top

Line Side Wire Range 6 AWG - 350 kcmil

Load Side Wire Range 6 AWG - 350 kcmil

Number Of Receptacles 0

Please consult serving utility for their requirements prior to ordering or installing, as specifications and approvals vary by utility and may require local electrical inspector approval. All installations must be installed by a licensed electrician and must comply with all national and local codes, laws and regulations. Milbank reserves the right to make changes in specifications and features shown without notice or obligation.

**VILLAGE OF MUKWONAGO
WAUKESHA AND WALWORTH COUNTIES**

RESOLUTION NO. 2002-09

**A RESOLUTION FOR SITE PLAN AND ARCHITECTURAL REVIEW FOR DAVID S SCHULTZ
512 WESTLAWN AVE, PARCEL MUKV 1960-105**

WHEREAS, pursuant to Section 100-601, and 100-153 of the Zoning Code, an application for a site plan and architectural review has been filed for the approval for an additional and building and site modifications, which application was filed in the office of the Village Clerk, Village of Mukwonago, Wisconsin, and

WHEREAS, the application has been submitted by the DAVID S SCHULTZ

WHEREAS, the use is permitted within the R-1 Single Family Community Residential District in which the subject property is located, and

WHEREAS, the plan of operation and plans have been reviewed and recommended by the Village Plan Commission.

NOW, THEREFORE, BE IT RESOLVED by the Village Board of the Village of Mukwonago, Wisconsin hereby approves the site plan and architectural review for structures at 512 Westlawn Ave based upon the plan of operation and plans submitted to the Village.

NOW, THEREFORE, BE IT FURTHER RESOLVED this site plan and architectural review approval shall be subject to the following conditions:

1. Prior to any land disturbing activity, the applicant must submit a complete and final set of plans to the Building Inspections Office. All Village department heads must verify in writing whether they have approved the final plans within their purview. Any outstanding matters must be resolved to staff's satisfaction.
2. Prior to any land-disturbing activity, the applicant must reimburse the Village for any outstanding charges and establish an escrow account with the Village as may be required.
3. The applicant must obtain all required building permits within nine months of this date, and start construction within six months of the date of building permit issuance and continue in good faith to completion.
4. All work related to this project must comply with all project plans approved by the Village.
5. The developer must comply with all requirements related to impact fees imposed by the Village.
6. The developer shall comply with all parts of the Municipal Code as it relates to this project.
7. If the approved plans need to be revised to address any of the conditions of approval or to conform to Building and Fire Safety Codes, the Zoning Administrator and the Supervisor of Inspections are authorized to approve minor modifications so long as the overall project elements remain unchanged. If they determine that the revision is substantial, the plans must be submitted to the Plan Commission for review and approval.

8. Any future modification as required by ordinance, standards, or policy shall require an update to this site plan and architectural review.

NOW THEREFORE BE IT RESOLVED, that the Village of Mukwonago,

Approved and Adopted this 16th day of February 2022 by the Village Board of the Village of Mukwonago, Wisconsin.

APPROVED:

Fred H. Winchowky, Village President

ATTESTATION:

Diana Dykstra, MMC
Village Clerk-Treasurer



PLANNING COMMISSION

February 8, 2021 at 6:30pm

Mukwonago, WI

Extraterritorial CSM Review

S92 W32265 County Road NN, Town of Mukwonago

TM Highview LLC

MUKT 1952-998

Case Summary

Parcel Data

Proposal:	Extraterritorial CSM Review
Applicant:	TM HIGH VIEW LLC
Request:	Request approval of an extraterritorial CSM
Staff Recommendation:	Approve with Conditions

Parcel Characteristics / Conditions

Acreage:	Lot 1 – 37.48 Acres, Lot 2 – 4.01 Acres
Current Use:	Farmland / Farmstead
Proposed Use:	Lot 1 Farmland, Lot 2 Farmstead
Village Ultimate Boundary:	The parcel is within the Village Boundary Agreement Area
Reason for Request:	Splitting off the homestead and farm structure area from agricultural lands
Land Use Classification:	Planned for large Lot single Family (37,500 SF lots)

Project Summary

The proposed CSM is to create two lots from the existing lot. The reason for the land division is to separate the home and agricultural buildings from the agricultural lands.

Staff Review

Public Works	No issues.
Utilities	No issues.
Police	No issues.
Fire	No issues.
Building Inspection	No issues.
Engineering/Planning	See attached letter /comments below: 1. Per Wisconsin Administrative Code Chapter, A-E 7 – No comments.

2. Per Wisconsin Statute Chapter 236.34 (1m) (c) – The location of the land by government lot, recorded private claim, quarter-quarter section, section, township, range and county noted under the CERTIFIED SURVEY MAP heading. The description that is listed is missing the Northwest ¼ on all four pages.
3. Per Wisconsin Statute Chapter 236.20 (2) – Where the exterior boundary lines show bearings or lengths which vary from those recorded in abutting plats or certified surveys, “recorded as” bearings and distances shall be shown. Along the Westerly boundary the “recorded as” bearing for Whispering Oaks Subdivision needs to be noted.
4. Per Wisconsin Statute Chapter 236.20 (3)(d) – The names of adjoining streets, highways and subdivisions shown in their proper place. The property to the East on page 1 is listed as unplatted lands, the north half of the area is CSM 9028, the Southern half is unplatted lands per the Waukesha County GIS.
5. Per the Village of Mukwonago Code of Ordinances Chapter 45.94 (6) – The setbacks or building lines required by the planning commission. This may be required per the planning commission.
6. Per the Village of Mukwonago Code of Ordinances Chapter 45.94 (10) – The location, area, depth, and type of the soil absorption wastes disposal system for each building site. The locations of the soil borings are shown, but the depth and soil type are not. These may be best shown on a separate document/form.
 - The vicinity map is incorrect, it should mirror the land described in the heading and Surveyor’s Certificate.
 - On page 2, the dashed line should be under CTH ‘NN’.
 - On page 1, the word natural is misspelled.

Recommendation

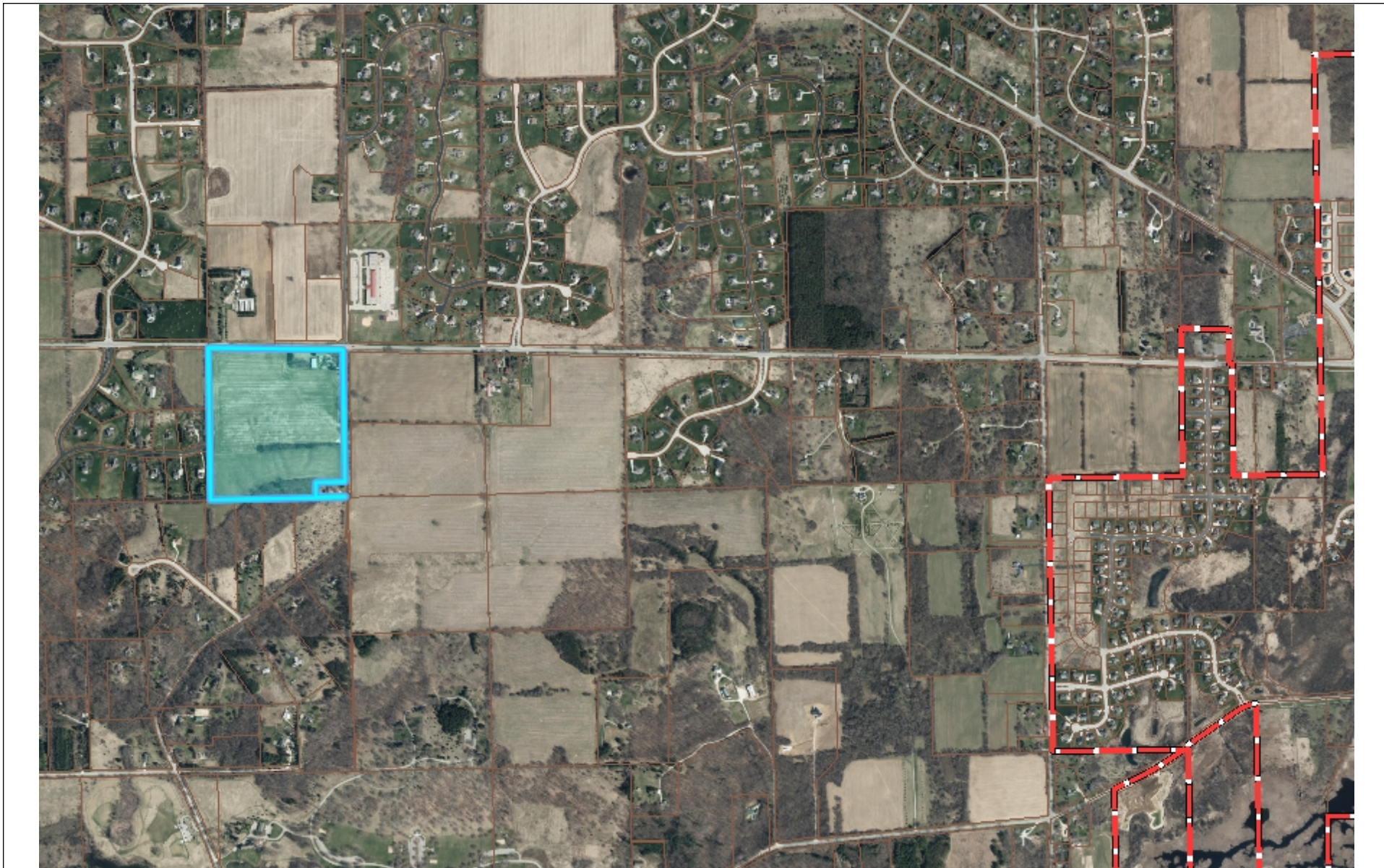
Approval with Conditions. State law allows the Village to review the CSM to ensure compliance with the Village Comprehensive Plan. The Village Comprehensive Plan designates the property as within the ultimate Village Boundary. As the lots sized of each property will be over 7 acres and the village comprehensive plans calls for 3.6 lots per acre there should not be any issues in the future for division of this land to conform to the comprehensive plan. Therefore, as the proposed CSM conforms to the comprehensive plan, staff recommends approval with the following condition:

1. Although the Village of Mukwonago has reviewed the subdivision plat/certified survey map, the surveyor is entirely responsible for the thoroughness and accuracy of the survey and related matters and compliance with all state and local codes, ordinances, and procedures. Modifications to the survey may be required should errors or changed conditions be found at a future date.
2. Before releasing the CSM for recording, the petitioner shall submit payment for any application fees established by the Village.
3. The petitioner must obtain the approval of the Village Engineer prior to recording. The Village Engineer may ask for any modifications as necessary in addition to those listed in condition #6 below.
4. Prior to Village signature placement on the CSM, the Town of Mukwonago shall provide the Village Planner with documentation of Town approval.

5. The CSM shall have placed upon signature lines for the Village President and Village Clerk for Plan Commission and Village Board Approvals and subsequent signatures prior to recording.
6. The following items shall be corrected on the CSM prior to being returned to the Village for signatures:
 1. Per Wisconsin Administrative Code Chapter, A-E 7 – No comments.
 2. Per Wisconsin Statute Chapter 236.34 (1m) (c) – The location of the land by government lot, recorded private claim, quarter-quarter section, section, township, range and county noted under the CERTIFIED SURVEY MAP heading. The description that is listed is missing the Northwest ¼ on all four pages.
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 - The vicinity map is incorrect, it should mirror the land described in the heading and Surveyor’s Certificate.
 - On page 2, the dashed line should be under CTH ‘NN’.
 - On page 1, the word natural is misspelled.

Attachments

1. Maps
2. CSM



Village of Mukwonago GIS

Aerial

DISCLAIMER: The Village of Mukwonago does not guarantee the accuracy of the material contained here in and is not responsible for any misuse or misrepresentation of this information or its derivatives.



SCALE: 1" = 1333'

VILLAGE OF MUKWONAGO

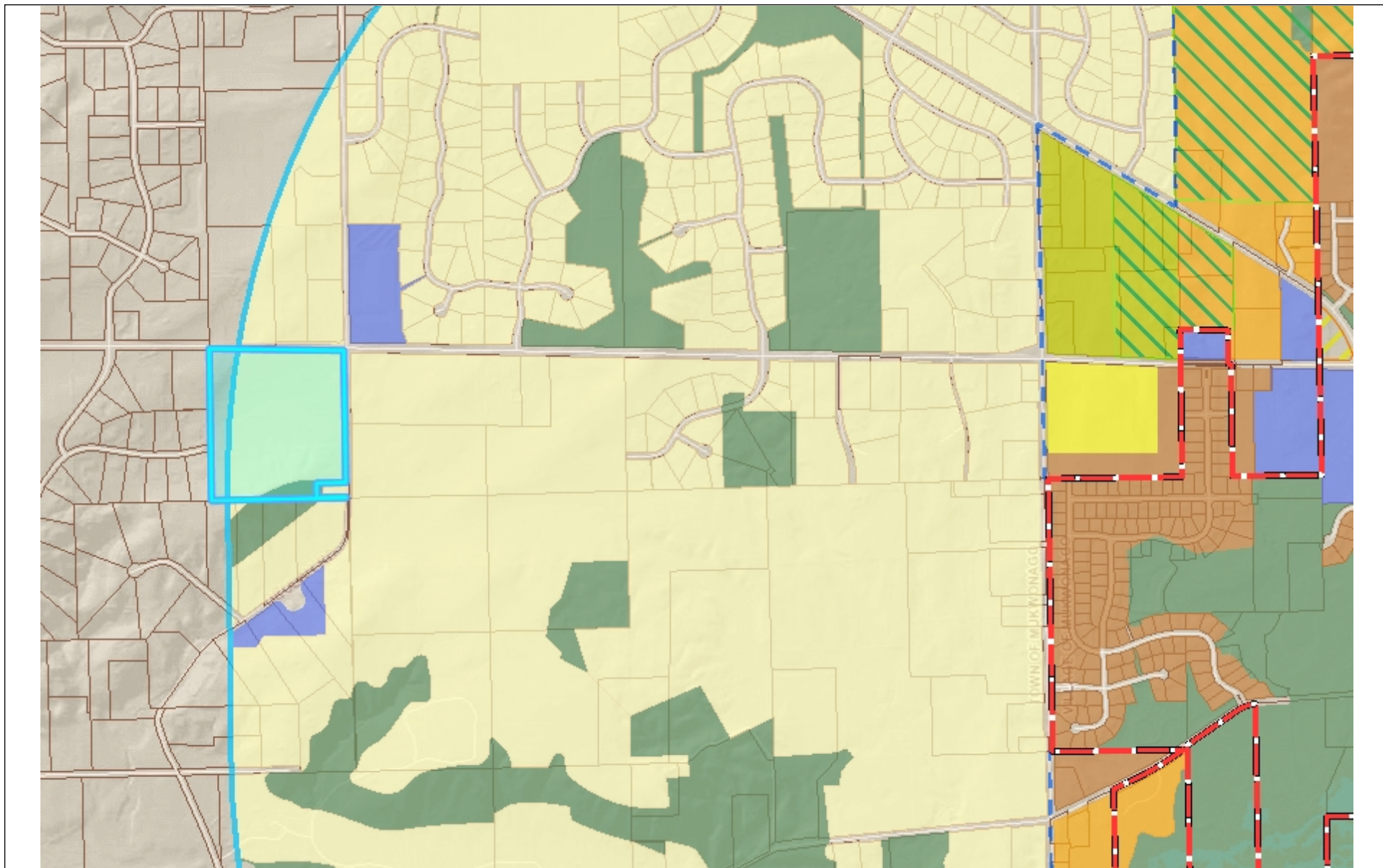
440 River Crest Court

PO Box 206

Mukwonago, WI 53149

262-363-6420

Print Date: 1/18/2022



Village of Mukwonago GIS

Land Use

DISCLAIMER: The Village of Mukwonago does not guarantee the accuracy of the material contained here in and is not responsible for any misuse or misrepresentation of this information or its derivatives.



SCALE: 1" = 1333'

VILLAGE OF MUKWONAGO

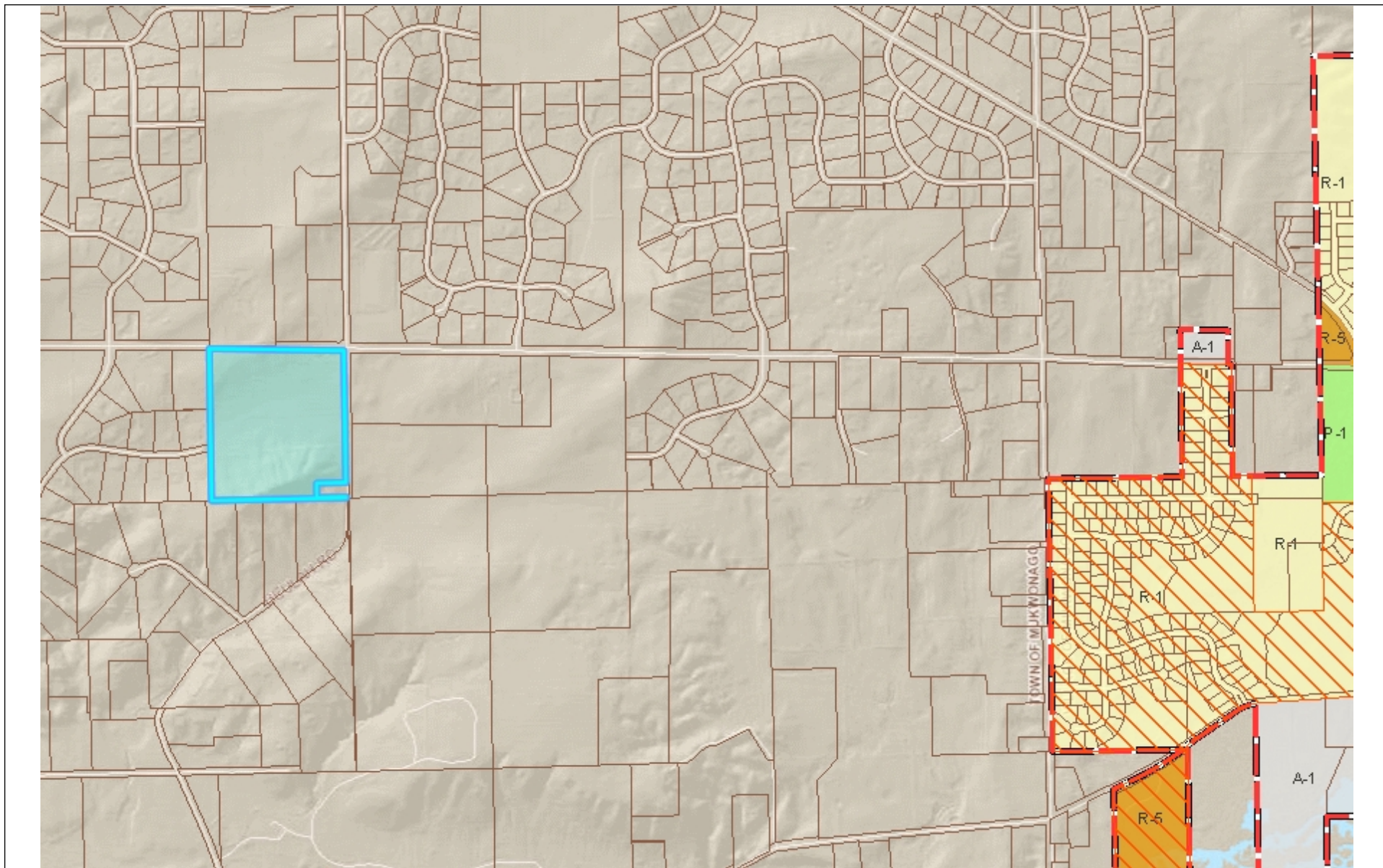
440 River Crest Court

PO Box 206

Mukwonago, WI 53149

262-363-6420

Print Date: 1/18/2022



Village of Mukwonago GIS

Zoning

DISCLAIMER: The Village of Mukwonago does not guarantee the accuracy of the material contained here in and is not responsible for any misuse or misrepresentation of this information or its derivatives.



SCALE: 1" = 1333'

VILLAGE OF MUKWONAGO
440 River Crest Court
PO Box 206
Mukwonago, WI 53149
262-363-6420

Print Date: 1/18/2022

January 14, 2022

Village of Mukwonago
440 River Crest Ct.
Mukwonago, WI 53149

RE: 2 Lot Certified Survey Map Project Summary

Dear Village Planner,

I have submitted a 2 lot Certified Survey Map located in the Town of Mukwonago for review by the Village because the Village has extraterritorial jurisdiction. The creation of Lot 2 is to divide this 4 acre lot from the remaining parcel so that at some point in the future it will be economically feasible for me to propose an 11 lot subdivision that meets the Town's ordinance.

Included with this project summary is a copy of the January 5, 2022 minutes from the Town of Mukwonago approving the Preliminary CSM, a proposed concept plan of the future subdivision, a Revocable Occupancy Permit with Waukesha County and the soil boring report.

The Town of Mukwonago has sent this same 2 lot CSM to their engineer, Sean Sullivan, of Ruekert/Mielke and knowing that the Village Engineer is Jered Wegner, also from Ruekert/Mielke, I feel there is no need to have an additional review from the same company.

Sincerely,

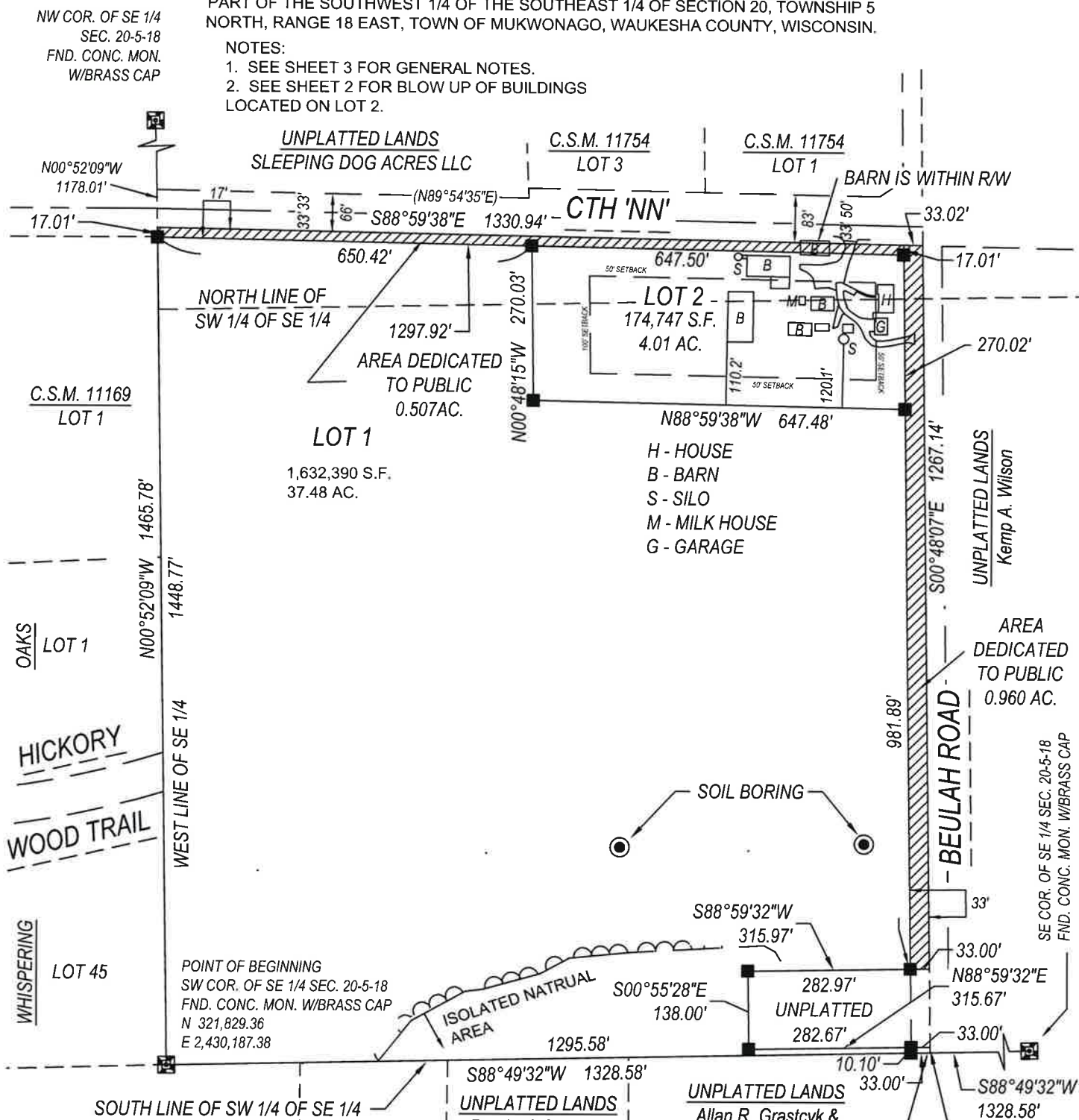
Tom McAdams, owner
TM Highveiw LLC

CERTIFIED SURVEY MAP NO. _____

PART OF THE SOUTHWEST 1/4 OF THE SOUTHEAST 1/4 OF SECTION 20, TOWNSHIP 5 NORTH, RANGE 18 EAST, TOWN OF MUKWONAGO, WAUKESHA COUNTY, WISCONSIN.

NOTES:

1. SEE SHEET 3 FOR GENERAL NOTES.
2. SEE SHEET 2 FOR BLOW UP OF BUILDINGS LOCATED ON LOT 2.

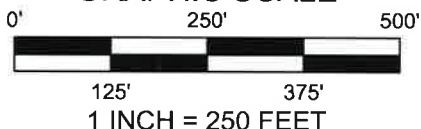


SURVEYOR:
JEFFREY A. NIPPLE
440 MILWAUKEE AVE,
BURLINGTON WI. 53105

OWNER/SUBDIVIDER:
TM HIGH VIEW LLC
S92 W32265 CTY RD 'NN'
MUKWONAGO, WI 53149

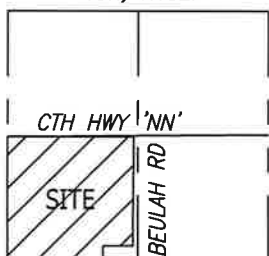
- LEGEND
- FOUND 1" IRON PIPE
 - SET 5/8" REBAR W/ CAP, 18" LENGTH
 - (XX R) RECORDED AS
 - MONUMENT FOUND

GRAPHIC SCALE



BEARINGS ARE BASED ON THE WISCONSIN STATE PLANE COORDINATE SYSTEM, SOUTH ZONE (NAD '27) - GRID NORTH. THE SOUTH LINE OF THE SE 1/4 OF SEC. 20-5-18 IS ASSUMED TO BEAR S 88°49'32" W

VICINITY MAP

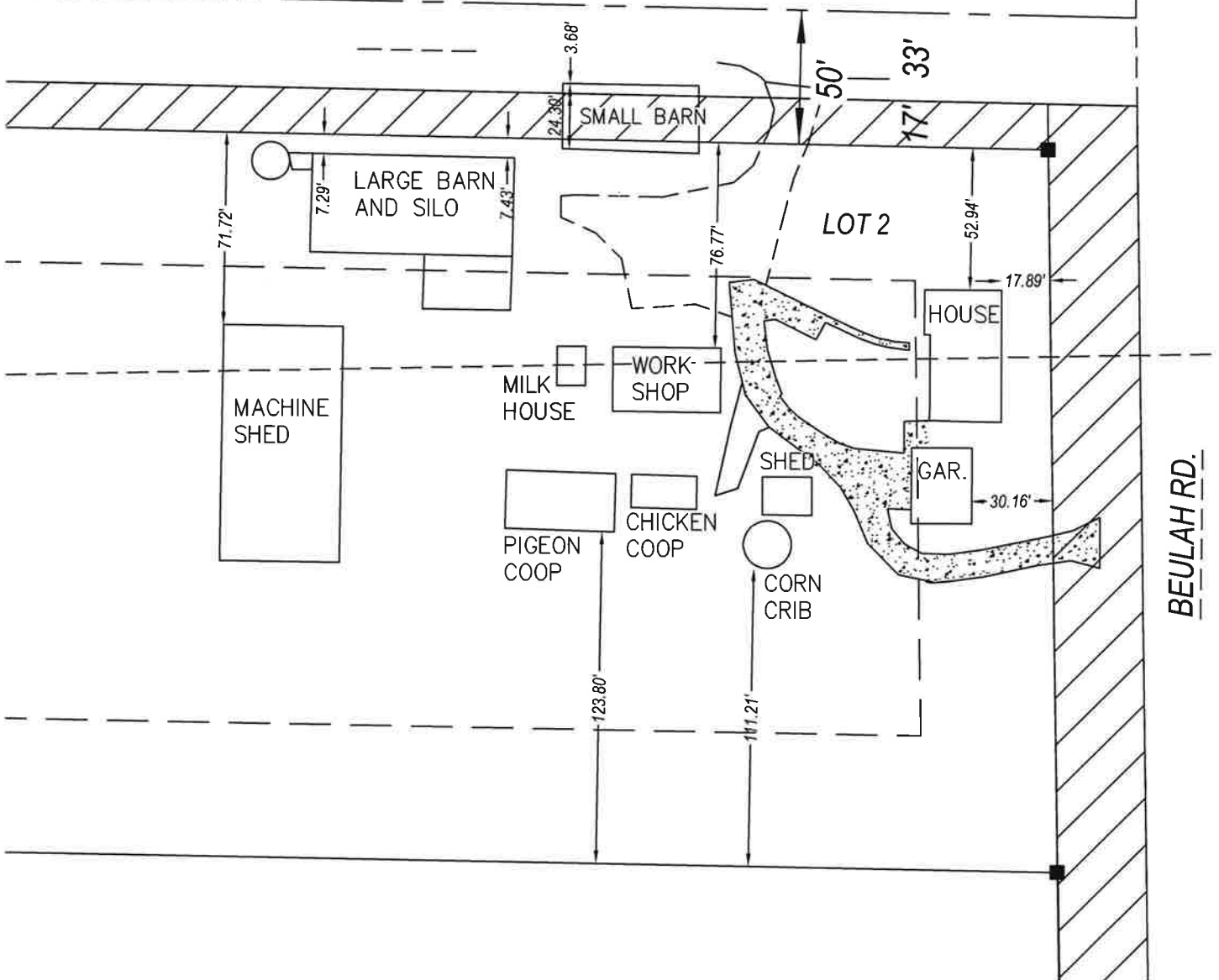


21.5093
DATE 01/07/2022
SHEET 1 OF 4

INSTRUMENT DRAFTED BY JEFFREY A. NIPPLE, P.L.S. #1929

CERTIFIED SURVEY MAP NO. _____
PART OF THE SOUTHWEST 1/4 OF THE SOUTHEAST 1/4 OF SECTION 20, TOWNSHIP 5
NORTH, RANGE 18 EAST, TOWN OF MUKWONAGO, WAUKESHA COUNTY, WISCONSIN.

BLOW UP OF BUILDINGS ON LOT 2
CTH 'NN'

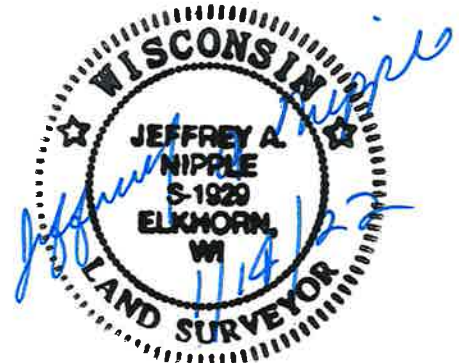
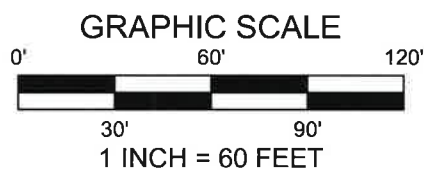


LEGEND

- FOUND 1" IRON PIPE
- SET 5/8" REBAR W/ CAP, 18" LENGTH
- (XX R) RECORDED AS

SURVEYOR:
JEFFREY A. NIPPLE
440 MILWAUKEE AVE,
BURLINGTON WI. 53105

OWNER/SUBDIVIDER:
TM HIGH VIEW LLC
S92 W32265 CTY RD 'NN'
MUKWONAGO, WI 53149



CERTIFIED SURVEY MAP NO.

PART OF THE SOUTHWEST 1/4 OF THE SOUTHEAST 1/4 OF SECTION 20, TOWNSHIP 5 NORTH, RANGE 18 EAST, TOWN OF MUKWONAGO, WAUKESHA COUNTY, WISCONSIN.

SURVEYOR'S CERTIFICATE:

I, JEFFREY A. NIPPLE, PROFESSIONAL LAND SURVEYOR, HEREBY CERTIFY THAT I HAVE SURVEYED AND MAPPED THE FOLLOWING LAND HEREIN DESCRIBED:

BEING PART OF THE SOUTHWEST 1/4 AND THE NORTHWEST 1/4 OF THE SOUTHEAST 1/4 OF SECTION 20, TOWNSHIP 5 NORTH, RANGE 18 EAST, TOWN OF MUKWONAGO, WAUKESHA COUNTY, WISCONSIN, DESCRIBED AS FOLLOWS:

BEGINNING AT THE SOUTHWEST CORNER OF THE SOUTHEAST 1/4 OF SAID SECTION 20; THENCE N 0°52'09" W ALONG THE WEST LINE OF SAID SOUTHEAST 1/4, 1465.78 FEET TO THE SOUTH LINE OF COUNTY TRUNK HIGHWAY 'NN' (CTH 'NN'); THENCE S 88°59'38" E ALONG SAID SOUTH LINE OF CTH 'NN', 1297.92 FEET TO THE WEST LINE OF BEULAH ROAD; THENCE CONTINUING S 88°59'38" E, 33.02 FEET TO THE CENTERLINE OF SAID BEULAH ROAD; THENCE S 0°48'07" E ALONG SAID CENTERLINE OF BEULAH ROAD, 1267.14 FEET; THENCE S 88°59'32" W, 33.00 FEET TO THE WEST LINE OF BEULAH ROAD; THENCE CONTINUING S 88°59'32" W, 282.97 FEET; THENCE S 0°55'28" E, 138.00 FEET; THENCE N 88°59'32" E, 282.67 FEET TO THE WEST LINE OF BEULAH ROAD; THENCE CONTINUING N 88°59'32" E, 33.00 FEET TO THE CENTERLINE OF BEULAH ROAD; THENCE S 0°48'07" E ALONG SAID CENTERLINE OF BEULAH ROAD, 10.00 FEET TO THE SOUTH LINE OF SAID SOUTHEAST 1/4 OF SECTION 20; THENCE S 88°49'32" W ALONG SAID SOUTH LINE OF THE SOUTHEAST 1/4, 33.00 FEET TO THE WEST LINE OF BEULAH ROAD; THENCE CONTINUING S 88°49'32" W ALONG SAID SOUTH LINE OF THE SOUTHEAST 1/4, 1295.58 FEET TO THE SOUTHWEST CORNER OF SAID SOUTHEAST 1/4 AND THE POINT OF BEGINNING.

SAID PARCEL CONTAINS 1,871,374 SQUARE FEET OR 42.961 ACRES, MORE OR LESS.

I FURTHER CERTIFY THAT I HAVE MADE SAID LAND DIVISION AND DEDICATION BY THE DIRECTION OF TM HIGH VIEW, LLC, OWNER OF SAID LANDS. THAT SUCH LAND DIVISION IS A CORRECT REPRESENTATION OF ALL THE EXTERIOR BOUNDARIES OF THE LANDS SURVEYED AND THE DIVISION THEREOF.

THAT I HAVE FULLY COMPLIED WITH THE PROVISIONS OF CHAPTER 236 OF THE WISCONSIN STATUTES AND SECTION 34 OF THE TOWN OF MUKWONAGO MUNICIPAL CODE IN SURVEYING, DIVIDING, AND MAPPING THE SAME.

DATED THIS 14th DAY OF January, 2022.

Jeffrey A. Nipple 1/14/22
JEFFREY A. NIPPLE
PROFESSIONAL LAND SURVEYOR #S-1929



GENERAL NOTES:

1. SUBJECT LANDS ARE WITHIN THE MUKWONAGO FIRE SERVICE AREA.
2. THERE IS NO FLOODPLAIN ON THIS PARCEL.
3. THERE ARE NO WETLANDS, NAVIGABLE WATER BODY OR SHORELAND JURISDICTION ON THIS PROPERTY.
4. THE ISOLATED NATURAL AREA WAS DETERMINED BY SURVEYING THE DRIP LINE OF THE TREES.
5. THERE ARE NO HISTORICAL OR CULTURAL FEATURES PER STATE HISTORICAL SOCIETY OF WISCONSIN, DIVISION OF HISTORIC PRESERVATION ARCHEOLOGICAL SITE INVENTORY.
6. THERE IS NO LANDFILL, MANURE, OR OTHER WASTE STORAGE FACILITY ON THIS SITE PER REGISTRY OF WASTE DISPOSAL SITES OF WISCONSIN.
7. THERE IS NO KNOWLEDGE OF ANY DRAIN TILE ON PROPERTY.
8. THIS CSM IS IN A STATE DESIGNATED GROUNDWATER MANAGEMENT AREA.
9. THE CHICKEN COOP AND CORN CRIB ARE TO BE REMOVED WITHIN 1 YEAR OF THE SIGNING OF THIS CERTIFIED SURVEY MAP.
10. NO ADDITIONAL ACCESSORY BUILDINGS ALLOWED.
11. NO COMMERCIAL USE OF ANY BUILDINGS ALLOWED.
12. THE OWNER WILL ENTER INTO A PERMISSIVE USE AGREEMENT WITH WAUKESHA COUNTY.
13. THE EXISTING HOUSE, GARAGE, LARGE AND SMALL BARNs ARE NON-CONFORMING AND ARE LOCATED WITHIN THE BUILDING SETBACK.
14. THERE ARE NO WELLS OR SEPTIC SYSTEMS WITHIN 50 FEET OF THE PROPERTY.

CERTIFIED SURVEY MAP NO. _____

PART OF THE SOUTHWEST 1/4 OF THE SOUTHEAST 1/4 OF SECTION 20, TOWNSHIP 5
NORTH, RANGE 18 EAST, TOWN OF MUKWONAGO, WAUKESHA COUNTY, WISCONSIN.

OWNER'S CERTIFICATE:

AS OWNERS, WE, TM HIGH VIEW, LLC, A WISCONSIN COMPANY, HEREBY CERTIFY THAT WE HAVE CAUSED THE LAND DESCRIBED
ON THIS CERTIFIED SURVEY MAP TO BE SURVEYED, MAPPED, DIVIDED AND DEDICATED AS REPRESENTED ON THIS MAP.

AS OWNERS, WE FURTHER CERTIFY THAT THIS PLAT IS REQUIRED BY S. 236.10 OR S.236.12 TO BE SUBMITTED TO THE
FOLLOWING FOR APPROVAL:

1. TOWN OF MUKWONAGO
2. VILLAGE OF MUKWONAGO

DATED THIS _____ DAY OF _____, 2022

THOMAS McADAMS - PRESIDENT, TM HIGH VIEW, LLC

STATE OF _____) ss
COUNTY OF _____)

PERSONALLY CAME BEFORE ME THIS _____ DAY OF _____, 2022

THE ABOVE NAMED _____
TO ME KNOWN TO BE THE PERSONS WHO EXECUTED THE FOREGOING INSTRUMENT AND
ACKNOWLEDGED THE SAME.

NOTARY PUBLIC

MY COMMISSION EXPIRES: _____

TOWN BOARD OF MUKWONAGO, TOWN BOARD APPROVAL:

APPROVED BY THE TOWN BOARD OF THE TOWN OF MUKWONAGO

ON THIS _____ DAY OF _____, 2022.

PETER TOPCZEWSKI, TOWN CHAIRMAN

KATHY KARLEWITZ, CLERK

VILLAGE BOARD OF MUKWONAGO, TOWN BOARD APPROVAL:

THIS CERTIFIED SURVEY MAP LOCATED WITHIN THE EXTRA-TERRITORIAL JURISDICTION OF THE VILLAGE OF MUKWONAGO IS
HEREBY APPROVED BY THE VILLAGE BOARD ON THIS _____ DAY OF _____, 2022

FRED WINCHOKY, PRESIDENT

DIANA DYKSTRA, CLERK



DATE 01/070/2022
SHEET 4 OF 4

INSTRUMENT DRAFTED BY JEFFREY A. NIPPLE, P.L.S. #1929

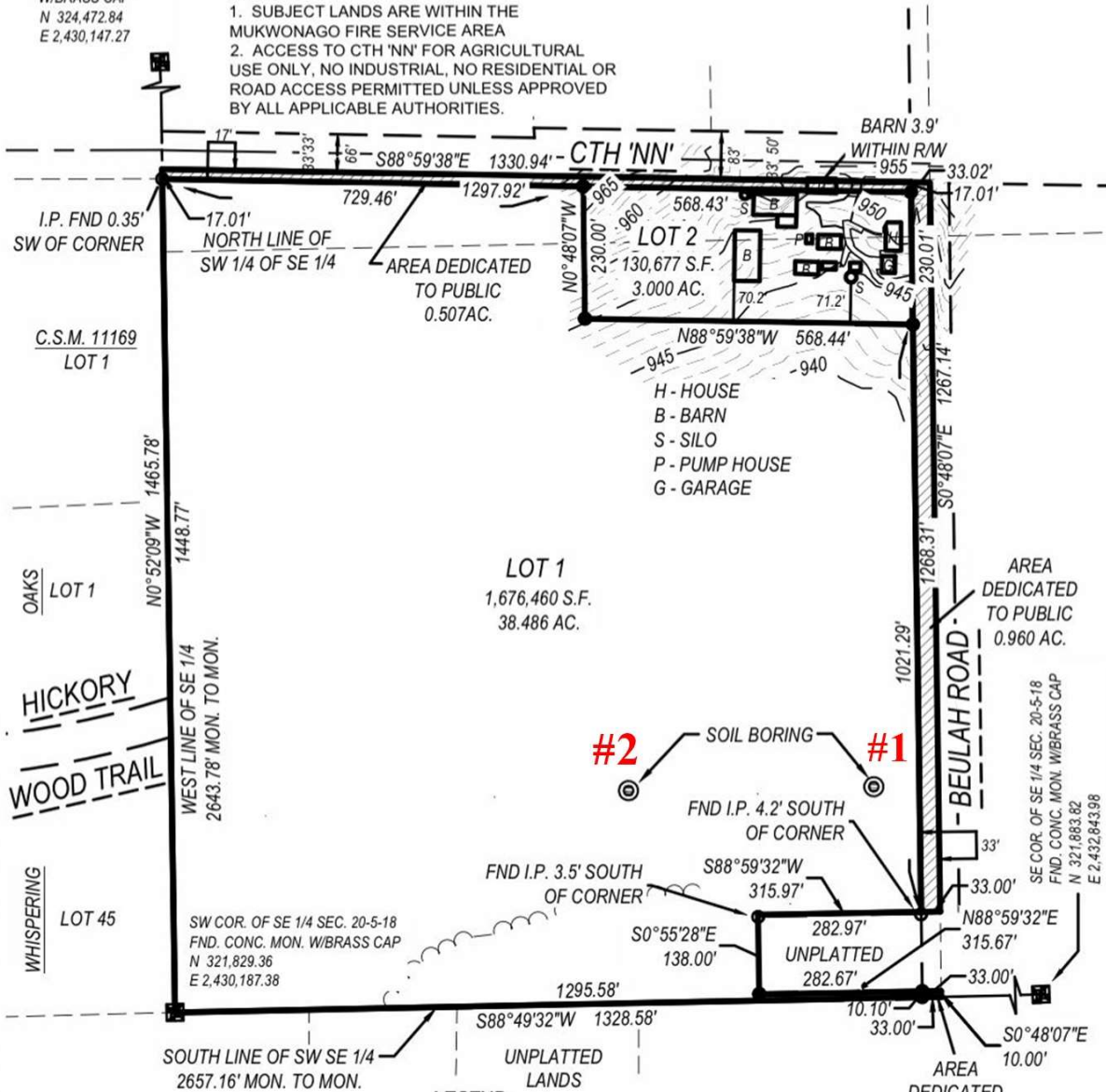
NW COR. OF SE 1/4
SEC. 20-5-18
FND. CONC. MON.
W/BRASS CAP
N 324,472.84
E 2,430,147.27

CERTIFIED SURVEY MAP NO. _____

PART OF THE SOUTHWEST 1/4 OF THE SOUTHEAST 1/4 OF SECTION 20, TOWNSHIP 5
NORTH, RANGE 18 EAST, TOWN OF MUKWONAGO, WAUKESHA COUNTY, WISCONSIN.

NOTES:

1. SUBJECT LANDS ARE WITHIN THE MUKWONAGO FIRE SERVICE AREA
2. ACCESS TO CTH 'NN' FOR AGRICULTURAL USE ONLY, NO INDUSTRIAL, NO RESIDENTIAL OR ROAD ACCESS PERMITTED UNLESS APPROVED BY ALL APPLICABLE AUTHORITIES.

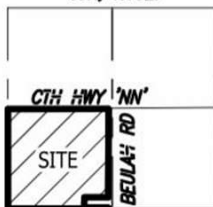


SURVEYOR:
PETER J. NIELSON
5482 S. WESTRIDGE DR.
NEW BERLIN, WI 53151

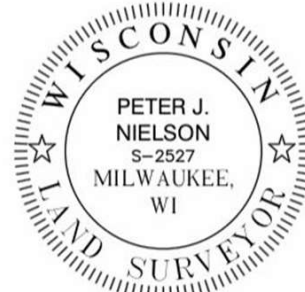
OWNER/SUBDIVIDER:
TM HIGH VIEW LLC
S92 W32265 CTY RD 'NN'
MUKWONAGO, WI 53149

- LEGEND**
- FOUND 1" IRON PIPE
 - SET 3/4" REBAR - 1.502 Lbs./LF
 - (XX R) RECORDED AS

VICINITY MAP
SE 1/4 SEC. 20
T5N, R18E.



BEARINGS ARE BASED ON THE
WISCONSIN STATE PLANE
COORDINATE SYSTEM, SOUTH ZONE
(NAD '27) - GRID NORTH. THE SOUTH
LINE OF THE SE 1/4 OF SEC. 20-5-18
IS ASSUMED TO BEAR S 88°49'32" W



SOIL EVALUATION REPORT

Page 1 of 3

in accordance with SPS 383, Wis. Adm. Code

Attach complete site plan on paper not less than 8 1/2 x 11 inches in size. Plan must include, but not limited to: vertical and horizontal reference point (BM), direction and percent slope, scale or dimensions, north arrow, and location and distance to nearest road.

Please print all information.

Personal information you provide may be used for secondary purposes (Privacy Law, s. 15.04 (1) (m)).

County	WAUKESHA
Parcel I.D.	
Reviewed by	Date

Property Owner	Tom McAlams			Property Location	Govt. Lot <u>SW</u> 1/4 SE 1/4 S 20 T 5 N R 18 E (or) W		
Property Owner's Mailing Address	894 W33665 LITTLEFIELD CT			Lot #	Block #	Subd. Name or CSM#	
City	State	Zip Code	Phone Number	☐ City	☐ Village	☒ Town	Nearest Road
MUKWONAGO	WI	53149	(414) 831 0943	MUKWONAGO			BEULAH Rd

☐ New Construction Use ☐ Residential / Number of bedrooms _____ Code derived design flow rate _____ GPD

☐ Replacement ☐ Public or commercial - Describe: _____

Parent material _____ Flood Plain elevation if applicable _____ ft.

General comments and recommendations: PRELIMINARY BORINGS

1 Boring # ☐ Boring ☒ Pit Ground surface elev. _____ ft. Depth to limiting factor 45 in.

Horizon	Depth in.	Dominant Color Munsell	Redox Description Qu. Sz. Cont. Color	Texture	Structure Gr. Sz. Sh.	Consistence	Boundary	Roots	Soil Application Rate GPD/ft ²	
									*Eff#1	*Eff#2
Ap	0-5	10YR 3/3	—	SL	2FSBK	MFR	AS	2F	0.6	1.0
B	5-16	7.5YR 4/4	—	GSL	2FSBK	MFR	AW	2F	0.4	0.6
C ₁	16-30	10YR 6/4	—	GSL	1FSBK	MFR	AW	1F	0.4	0.7
C ₂	30-45	10YR 6/4	—	GS	OSG	ML	CW	—	0.7	1.6
C ₃	45-87	10YR 6/4	C2d SPOTS 7.5YR 5/8	GSL SILCB	1FPL	MFR	—	—	0.4	0.6

2 Boring # ☐ Boring ☒ Pit Ground surface elev. _____ ft. Depth to limiting factor 31 in.

Horizon	Depth in.	Dominant Color Munsell	Redox Description Qu. Sz. Cont. Color	Texture	Structure Gr. Sz. Sh.	Consistence	Boundary	Roots	Soil Application Rate GPD/ft ²	
									*Eff#1	*Eff#2
Ap	0-10	10YR 3/3	—	SL	2FSBK	MFR	AS	2F	0.6	1.0
E	10-15	10YR 6/2	—	SL	1FSBK	MFR	AS	1F	0.4	0.7
B	15-31	7.5YR 4/4	—	GSL	2FSBK	MFR	AW	1F	0.4	0.6
C	31-75	10YR 6/4	Fid SPOTS 7.5YR 5/8	GSL SILCB	1FPL	MFR	—	—	0.4	0.6

* Effluent #1 = BOD₅ > 30 ≤ 220 mg/L and TSS > 30 ≤ 150 mg/L

* Effluent #2 = BOD₅ ≤ 30 mg/L and TSS ≤ 30 mg/L

CST Name (Please Print)	Signature	CST Number
ANN CATALDO	<i>Ann Cataldo</i>	245389
Address	Date Evaluation Conducted	Telephone Number
SIS W33670 WOLF Rd OCONOMOWOC WI 53066	7-9-21	242 968 2550

Document No.
REVOCABLE OCCUPANCY PERMIT

THIS AGREEMENT between the **WAUKESHA COUNTY DEPARTMENT OF PUBLIC WORKS**, hereinafter called the **DEPARTMENT**, and **TM HIGH VIEW LLC** hereinafter called the **PERMITTEE**, constitutes a granting of the right to the occupancy of portions of the highway right of way along **C.T.H. "NN"**.

The agreement allows the PERMITTEE to maintain an existing barn structure within the described public right of way in Waukesha County, Wisconsin as detailed on the attached legal description.

Should this permit be revoked at a future date, no compensation is due to the PERMITTEE.

This space is reserved for recording data

Return to:
The Waukesha County Dept of Public Works
Attn: Jason Mayer
515 W. Moreland Blvd. Room 220
Waukesha WI 53188

Parcel Identification Number/ MUKT 1952998
Lot 2 CSM#

Date
State of Wisconsin)
COUNTY

Signature

On the above date, this instrument was acknowledged before me by the named person(s).

Tom McAdams, TM HIGH VIEW LLC

Print Name and Title

(Signature, Notary Public, State of Wisconsin)

(Print or Type Name, Notary Public, State of Wisconsin)

(Date Commission Expires)

WAUKESHA COUNTY

Date
State of Wisconsin)
Waukesha COUNTY

Signature

On the above date, this instrument was acknowledged before me by the named person(s). Allison Bussler

ALLISON BUSSLER

Print Name

(Signature, Notary Public, State of Wisconsin)

KAREN LYNN BRAUN

(Print or Type Name, Notary Public, State of Wisconsin)

Director - Waukesha County Department of Public Works

Title

(Date Commission Expires)

LEGAL DESCRIPTION OF PERMIT AREA

Owner: **Tom McAdams, TM HIGH VIEW LLC**

Public Highway right of way adjacent to S92 W32265 Cty. Rd. NN, being a part of the Southwest $\frac{1}{4}$ of the Southeast $\frac{1}{4}$ of Section 20, Township 5 North, Range 18 East, Town of Mukwonago, Waukesha County, Wisconsin.

(See Exhibit as Page 4)

Conditions for Occupation of the Right of Way

1. The barn structure within the above described area may remain in place provided it does not interfere with grading, utilities, clear zones, pedestrian facilities or create a visual obstruction for vehicles using driveways and side streets. The determination of the suitability of the material within the described areas shall be the responsibility of the DEPARTMENT.
2. The PERMITTEE or assignees shall be responsible for all necessary maintenance of the barn structure to satisfy the requirements of this permit.
3. Subsequent revisions to the barn structure within the permit area shall be approved by the DEPARTMENT.
4. Advertising signs or other decorative structures cannot be placed within the County right of way.
5. Municipal and public utilities may be placed within the occupancy area when permitted by the County. The utilities will be responsible for restoration of the disturbed area.
6. The PERMITTEE shall hold the County harmless for liability resulting from private use of the right of way.
7. The DEPARTMENT and/or its agents shall not be responsible for any damage or expense as a result of maintenance operations to the highway that is incurred by the PERMITTEE as a result of this authorization.
8. This agreement is not assignable without written approval from the DEPARTMENT.

Owner: **Tom McAdams, TM HIGH VIEW LLC**

Requirements for Removal

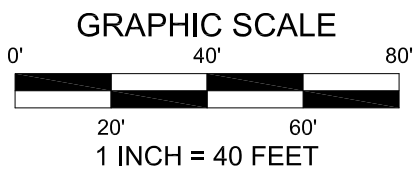
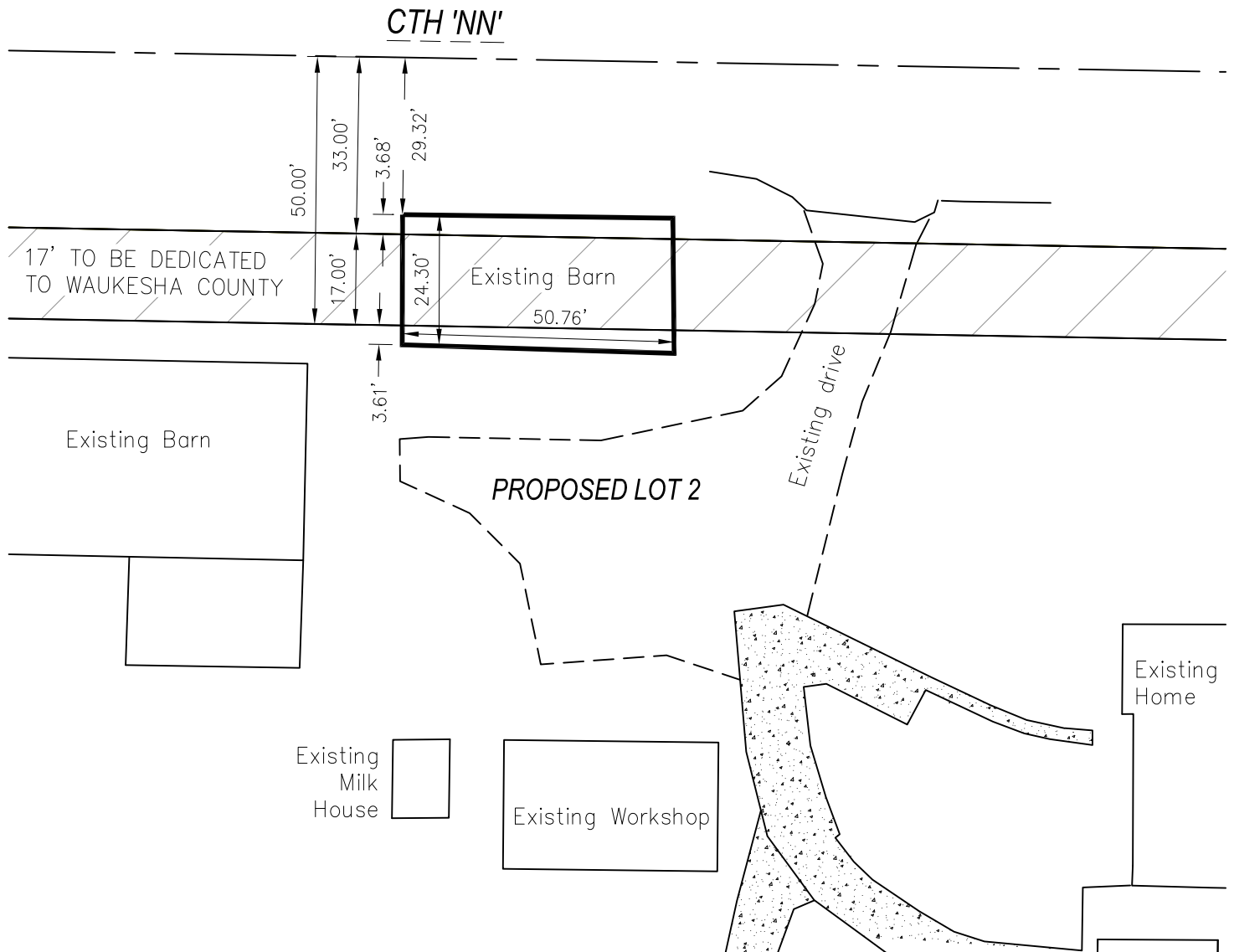
Section 86.04, Wisconsin Statutes, contains specific provisions for encroachments upon a highway right of way. Under this section of the Statutes, the DEPARTMENT may order the removal of the encroachment. The DEPARTMENT specifically reserves those rights granted to it under Section 86.04, Wisconsin Statutes. Reasons for removal include but are not limited to the following:

- A. In the event that there is a change in the use of the highway right of way, such that the use of the highway right of way is inconsistent with the encroachment of the barn structure upon the right of way, the DEPARTMENT will require the encroachment to be removed at the expense of the PERMITTEE.
- B. Should the DEPARTMENT determine that the encroachment obstructs drainage, increases the difficulty of street maintenance, creates conditions adverse to the best interests of the highway user, the general public or presents a threat to highway safety, then the DEPARTMENT will give written notice that the encroachment be removed.
- C. Failure of the PERMITTEE to maintain the permit area described herein shall be reason to terminate this permit at the DEPARTMENTS sole discretion.
- D. Failure by the PERMITTEE to comply with the provisions of this permit is cause for the DEPARTMENT to terminate this permit and to require the PERMITTEE to take immediate action to implement the removal of the encroachment from the right of way.

EXHIBIT

LOT 2 OF CERTIFIED SURVEY MAP NO. _____

PART OF THE SOUTHWEST 1/4 OF THE SOUTHEAST 1/4 OF SECTION 20, TOWNSHIP 5 NORTH, RANGE 18 EAST, TOWN OF MUKWONAGO, WAUKESHA COUNTY, WISCONSIN.



OWNER:
TM HIGH VIEW LLC
S92 W32265 CTY RD 'NN'
MUKWONAGO, WI 53149

In addition, #4; The buildings to be kept in good rural accessory designation conditions.

Plan Commission action: Motion by Commission Yerke to recommend to the Town Board the designation of buildings 1,2,3,5,6,8,9 in the application as rural accessory buildings based on the finding that they meet the criteria established in the Town's zoning code, provided the property owner files deed restrictions as approved by the Town planner when the certified survey map is recorded by Waukesha County and the Town's building inspector determines that the buildings are currently structurally sound. Buildings 4 and 7 to be removed.

The Town put the prospective buyers on notice, and any future buyers to be put on notice, there will be no commercial use on the property and there will be no further out buildings allowed. These two restrictions to be included in the Deed Restrictions Second by Commission Usarek, Chairman Topczewski voted nay, the others all voted aye.

Town Board action: Motion by Supervisor Boucher to accept the Plan Commission's recommendation. Second by Supervisor Wrasman, Chairman Topczewski voted nay, the others all voted aye.

9. Two-lot certified survey map for concept review for property located at S92W32265 CTH NN (MUKT1952998); TM High View LLC, developer (Tom McAdams, agent) (application 2021-29)

Mr. Schwecke gave an overview of the proposal and requirements from his staff report dated December 30, 2021. A joint discussion followed.

Plan Commission action: Motion by Commissioner Schuette to approve the conceptual design of the two-lot CSM, subject to the following conditions:

1. The sheet numbers are incorrect.
2. The layout of the lots in the final CSM must substantially comply with the layout depicted in the conceptual CSM. (OR as revised at the meeting)
3. The final CSM must comply with the Town's land division regulations (ch. 34), and any requirements in ch. 236, Wis. Stats.
4. The final CSM submittal must include the Review Checklist as adopted by the Town of Mukwonago, including the requirements for septic systems.
5. The Town engineer must review the CSM and approve of the same.
6. Floodplain limits must be shown on the face of the CSM. If none exist, so note.
7. A signature block must be added for the Village of Mukwonago.
8. The surveyor's seal, signature, and date must appear on all sheets of the final CSM. The same revision date must also be noted on each sheet.
9. The petitioner must obtain all necessary approvals as specified in s. 236.34(1), Wis. Stats.
10. The petitioner must remove the accessory buildings to comply with the maximum number/floor area for the A-1 district or submit an application for a rural building determination and/or a special exception for additional floor area.
11. The petitioner should either obtain a permissive use agreement with the county (or equivalent) for the barn in the ROW or written confirmation from the county indicating such agreement is not needed.
12. The final CSM must include an explanatory note regarding the nonconforming structures within the front-yard setback.
13. The petitioner must obtain verification from Waukesha County that the existing septic on lot 2

complies with all current standards and requirements.

14. The concept layout for the future division of Lot 1 is for informational purposes and is in no way binding on the Town in any manner should the petitioner submit a subdivision proposal.

Second by Commissioner Yerke, all in favor; motion passed.

10. Discussion related to potential amendments to the zoning code

The Planner read thru the proposed changes to the ordinance. Discussion followed.

Plan Commission action: Motion by Chairman Topczewski direct staff to initiate a petition to set a public hearing date for the meeting February 2, 2022 for the text amendment. Also, to direct staff to initiate a petition to amend the Town Map and to notify those residents affected by the changes.

Petition to notify neighbors. Second by Commissioner Schuett, all in favor; motion passed.

11. Miscellaneous correspondences (none)

12. Recommendations for future agendas (no packet materials). Discussion to possibly go back to Zoom meetings, or hybrid meetings

Miscellaneous updates (if any) none

A. Phantom Lake Management District

B. Fox River Commission

Next regular meeting date

February 2, 2022

Adjournment

Plan Commission action: Motion by Chairman Topczewski, second by Commissioner Schuett to adjourn at 8:15p.m. All ayes, motion passed.

Town Board action: Motion by Chairman Topczewski, second by Supervisor Yerke to adjourn at 8:15p.m. All ayes, motion passed.

Respectfully submitted,

Gail Obradovich Deputy/Clerk-Treasurer

UNAPPROVED

**VILLAGE OF MUKWONAGO
WAUKESHA AND WALWORTH COUNTIES**

RESOLUTION NO. 2022-13

**RESOLUTION APPROVING THE EXTRATERRITORIAL REVIEW OF A TWO-
LOT CERTIFIED SURVEY MAP WITHIN THE TOWN OF MUKWONAGO
TAX KEY MUKT 1952-998**

WHEREAS, pursuant to the Village of Mukwonago Land Division Ordinance and the State of Wisconsin Plat Act (Chapter 236), an application for extraterritorial review of a Certified Survey Map for the property with the current tax key numbers of **MUKT 1952-998**, located within the Town of Mukwonago, was filed in the office of the Village Clerk, Village of Mukwonago, Wisconsin, and

WHEREAS, the application was submitted by TM Highview LLC, and

WHEREAS, the subject property, located along S92 W32265 County Road NN, Town of Mukwonago with the 1.5-mile extraterritorial plat review area surrounding the corporate boundary of the Village of Mukwonago, and

WHEREAS, the Plat Act allows the Village the opportunity to review any land division that is within the 1.5-mile extraterritorial plat review area for compliance with the Village Comprehensive Plan, and

WHEREAS, the subject property, is located within the ultimate village boundary.

WHEREAS, a 2-lot CSM is being created out of the existing parcel and recommended by the Village Plan Commission.

NOW, THEREFORE, BE IT RESOLVED by the Village Board of the Village of Mukwonago, Wisconsin hereby approves the 2-Lot Certified Survey Map dated January 7th 2022 prepared by Jeffery A Nipple subject to documentation of Town Board approval and the following conditions.

1. Although the Village of Mukwonago has reviewed the subdivision plat/certified survey map, the surveyor is entirely responsible for the thoroughness and accuracy of the survey and related matters and compliance with all state and local codes, ordinances, and procedures. Modifications to the survey may be required should errors or changed conditions be found at a future date.
2. Before releasing the CSM for recording, the petitioner shall submit payment for any application fees established by the Village.
3. The petitioner must obtain the approval of the Village Engineer prior to recording. The Village Engineer may ask for any modifications as necessary in addition to those listed in condition #6 below.
4. Prior to Village signature placement on the CSM, the Town of Mukwonago shall provide the Village Planner with documentation of Town approval.
5. The CSM shall have placed upon signature lines for the Village President and Village Clerk for Plan Commission and Village Board Approvals and subsequent signatures prior

to recording.

6. The following items shall be corrected on the CSM prior to being returned to the Village for signatures:
 1. Per Wisconsin Administrative Code Chapter, A-E 7 – No comments.
 2. Per Wisconsin Statute Chapter 236.34 (1m) (c) – The location of the land by government lot, recorded private claim, quarter-quarter section, section, township, range and county noted under the CERTIFIED SURVEY MAP heading. The description that is listed is missing the Northwest ¼ on all four pages.
 3. Per Wisconsin Statute Chapter 236.20 (2) – Where the exterior boundary lines show bearings or lengths which vary from those recorded in abutting plats or certified surveys, “recorded as” bearings and distances shall be shown. Along the Westerly boundary the “recorded as” bearing for Whispering Oaks Subdivision needs to be noted.
 4. Per Wisconsin Statute Chapter 236.20 (3)(d) – The names of adjoining streets, highways and subdivisions shown in their proper place. The property to the East on page 1 is listed as unplatted lands, the north half of the area is CSM 9028, the Southern half is unplatted lands per the Waukesha County GIS.
 5. Per the Village of Mukwonago Code of Ordinances Chapter 45.94 (6) – The setbacks or building lines required by the planning commission. This may be required per the planning commission.
 6. Per the Village of Mukwonago Code of Ordinances Chapter 45.94 (10) – The location, area, depth, and type of the soil absorption wastes disposal system for each building site. The locations of the soil borings are shown, but the depth and soil type are not. These may be best shown on a separate document/form.
 - The vicinity map is incorrect, it should mirror the land described in the heading and Surveyor’s Certificate.
 - On page 2, the dashed line should be under CTH ‘NN’.
 - On page 1, the word natural is misspelled.

NOW THEREFORE BE IT RESOLVED, that the Village of Mukwonago,

Approved and adopted this 16th day of February 2022 by the Village Board of the Village of Mukwonago, Wisconsin.

APPROVED:

Fred H. Winchowky, Village President

ATTESTATION:

Diana Dykstra, MMC
Village Clerk-Treasurer



PLANNING COMMISSION

February 8, 2021 at 6:30pm
Mukwonago, WI

Ordinance – Amending the Zoning Map

Modifications of the Zoning Map for Multiple Parcels

Project Summary

The Village of Mukwonago zoning code has not been updated or revised in a significant period of time. Currently the zoning code is being updated. This process began in 2021 and it is anticipated to be complete in 2023.

As part of the zoning code update the zoning map of the Village will be updated with new names, new districts.

As such the consultant and staff have analyzed the existing zoning map in conjunction with the comprehensive plan. The following changes if adopted under the current zoning map will also for the new zoning map to be created more smoothly and allow for better coordination with the comprehensive plan.

Changes

From A-1 Agricultural District to P-1 Public and Semipublic District

MUKV1959988010 - S93W30740 HIGHWAY NN

Owner: Village of Mukwonago

LOT 1 CSM #9046 VOL 81/198 REC AS DOC #2589806 PT SW1/4
SEC 22 T5N R18E

MUKV1977999001 - COUNTY ROAD LO

Owner: Village of Mukwonago

PT NE1/4 & SE1/4 SEC 27 T5N R18E; COM E1/4 COR; S89°26'W
1329.98 FT; S 280 FT THE BGN; N 130 FT; N 149.87 FT; S89°26'W
1329.98 FT; N 468.36 FT; N85°38' E 988.68 FT ALG CURVE
272.61 FT; N53°28'E 613.85 FT ALG CURVE N70°48'E 267.27 FT;
N88°09'E 681.58 FT; S 1087.14 FT TO BGN :: DOC #1081540 &
DOC #1081541

MUKV1979995001 – No Address Assigned

Owner: Village of Mukwonago

N1/2 NW1/4 SE1/4 & N1/2 NE1/4 SE1/4 SEC 27 T5N R18E :: DOC
#1714562

MUKV1979989 - COUNTY ROAD LO

Owner: Village of Mukwonago

PT SE1/4 NW1/4 & NE1/4 SW1/4 SEC 27 T5N R18E PCL 6 COM
SW COR SW1/4 N89°42'E 1331.14 FT; N 1313.36 FT; N89°51'E
662.72 FT THE BGN; N89°51'E 668.69 FT; N0°01'E 880.46 FT;
N42°12'E 470.33 FT; N89°59'W 192.72 FT; N0°01'E 468.44 FT;
S87°08'W 623.12 FT; S84°26'W 42.78 FT; S0°08'W 1744.60 FT TO
BGN :: DOC #1334435

#VM 00029 – No Address Assigned

Owner: FRIENDS OF EAST TROY RAILROAD MUSEUM INC

PT NW 1/4 SEC 2 T4N R18E DESC AS: COM NW COR NW 1/4
SEC 2, N89D57'56"E 511.92' TO POB, N89D57'56"E 368.09' TO
C/L HWY ES, S37D57'05"W 174.79', S56D26'36"W 325.58' TO C/L
HWY J, S81D27'48"W 191.41', N30D01'55"E 399.65' TO POB.
EXC SLY 33' & ELY 33' FOR HWY. 83357 SQ FT (NET) VILLAGE
OF MUKWONAGO ANNEXED UNDER #822030 OMITTS P ET 2-
3C, P ET 2-3C1 & P ET 2-3D

MUKV2011985 - 1450 MAIN ST

Owner: FRIENDS OF EAST TROY RAILROAD MUSEUM INC

PT SW1/4 SEC 35 T5N R18E; COM AT PT S88°50'E 511.92 FT
FROM NW COR SEC 2 T4N R18E; S88°50'E 368.23 FT; N39°09'E
105.89 FT; N55°28'W 290.25 FT; N58°46'W 32.00 FT; S31°14'W
38.00 FT; N58°46'W 11.50 FT; S31°14'W 268.01 FT TO BGN ::
DOC# 2018861 & DOC# 2166958

From P-1 Public and Semipublic District to A-1 Agricultural District

A364100001 - 1545 MAIN ST

STRAWBERRY ORCHARDS LLC

LOT 1 CERTIFIED SURVEY NO. 3641 AS RECORDED IN VOL 21
OF C.S. ON PAGE 296 WCR. LOCATED IN NW 1/4 & SW 1/4 NW
1/4 SEC 2 T4N R18E. 163146 SQ FT OUT OF #VM-11

**From A-1 Agricultural District /M-2 Light Industrial District /M-4 Medium
/Heavy Industrial to A-1 Agricultural District**

MUKV 2012994 – Address Not Assigned

HMS PARTNERS LLC

PT SE1/4 SEC 35 T5N R18E; COM SE COR; N0°45'54"E 1872.26
FT; S44°19'29"W 1277.35 FT; S50°02'07"W 201 FT; S44°19'29"W
1107.10 FT; S88°48'46"E 1795.50 FT TO BGN :: EX RR :: DOC
#4380104

From R-1 Single Family Community Residential District and P-1 Public and Semipublic District to P-1 Public and Semipublic District

MUKV2134998003 – Address Not Assigned
Owner: Village of Mukwonago

PT NW1/4 SEC 30 T5N R19E :: ALSO PT NE1/4 SEC 25 T5N R18E; COM NW COR SEC 30 N87°15'E 490 FT TO HIGH WATER LI FOX RIVER; SELY ALG RIVER TO W HIGH WATER LI MUKWONAGO RIVER; SLY ALG RIVER TO N LI SE1/4 NW1/4 SEC 30 T5N R19E; S87°46'W 550 FT; S01°21'E 295 FT TO N HIGH WATER LI MUKWONAGO RIVER; SWLY ALG RIVER TO E LI NE1/4 SEC 25 T5N R18E; S01°13'E 270 FT; N89°35'W 1812.71 FT; N 600.15 FT; S89°35'E 1463.58 FT; N30°22'W 260.19 FT; N05°20'E 100.41 FT; N20°46'E 543.27 FT; N74°12'E 173.36 FT; N60°46'E 287.77 FT; N56°23'E 139.91 FT; N49°04'E 322.08 FT; N25°32'W 486.51 FT; N65°02'W 247.26 FT; N65°21'W 219.23 FT; N55°55'E 105.35 FT TO BGN :: EX COM SE COR CSM #7041; N 496.47 FT THE BGN; N 103.67 FT N89°35'E 184.05 FT; S 99.63 FT; S89°08'W 184.01 FT TO BGN :: ALSO EX COM SE COR CSM #7041; N 600.15 FT; S89°35'E 252.42 FT THE BGN; S89°35'E 20.01 FT; S01°47'E 19.23 FT; S88°12'W 20 FT; N01°47'W 20 FT TO BGN :: EX CSM #8526 :: ALSO PT SW1/4 NE1/4 SEC 25 T5NR18E; COM SE COR CSM #7041; N00°51'W 600.15 FT; S89°35'E 252.42 FT THE BGN; S89°35'E 20.01 FT; S01°47'E 19.23 FT; S88°12'W 20.00 FT; N01°47'W 20.00 FT TO BGN :: EX DOC #2600132 :: DOC #2180797 & DOC #2600131

MUKV1969076 - TWO RIVERS CT
Owner: Village of Mukwonago

OUTLOT 1 TWO RIVERS ADDITION NO 2 PT NE1/4 SEC 25 T5N R18E & PT NW1/4 SEC 30 T5N R19E :: DOC #2356791

From R-1 Single Family Community Residential District to P-1 Public and Semipublic District

MUKV1969062 – Address Not Assigned
Owner: Village of Mukwonago

OUTLOT 1 TWO RIVERS ADDITION NO 1 PT NE1/4 SEC 25 T5N R18E :: DOC #2335481

MUKV1969077 No Address Assigned
Owner: Village of Mukwonago

OUTLOT 2 TWO RIVERS ADDITION NO 2 PT NE1/4 SEC 25 T5N R18E & PT NW1/4 SEC 30 T5N R19E :: DOC #2356791

MUKV2091085002 – Address Not Assigned
WAUKESHA COUNTY

OUTLOT 2 FOX RIVER VIEW PT SW1/4 & SE1/4 SEC 19 & NW1/4
SEC 30 T5N R19E (DEDICATED TO WAUKESHA COUNTY PER
PLAT) :: INCLUDING BURIAL LANDS AS DESCRIBED IN NOTICE
OF LOCATION OF CATALOGUED BURIAL SITE EXECUTED BY
THE STATE HISTORICAL SOCIETY OF WISCONSIN AND
RECORDED AS DOC #3212088

MUKV2091089 – Address Not Assigned

Owner: Village of Mukwonago

OUTLOT 6 FOX RIVER VIEW PT SW1/4 & SE1/4 SEC 19 & NW1/4
SEC 30 T5N R19E :: DOC #3200496

**From R-1 Single Family Community Residential District and P-1 Public and
Semipublic District to R-1 Single Family Community Residential District**

MUKV1969025 -416 EASTERN TRL

Owner: CONNIE R COYLE

LOT 18 BLK 6 TWO RIVERS ADDITION NO 1 PT NE1/4 SEC 25
T5N R18E

MUKV1969023 - 426 EASTERN TRL

Owner: JIM DARBY

LOT 16 BLK 6 TWO RIVERS ADDITION NO 1 PT NE1/4 SEC 25
T5N R18E :: DOC #4355641

MUKV1969070 - 1341 TWO RIVERS CT

Owner: ANDREW CIGANEK

LOT 26 BLK 5 TWO RIVERS ADDITION NO 2 PT NE1/4 SEC 25
T5N R18E & PT NW1/4 SEC 30 T5N R19E 0.910 AC DOC#
3715550

MUKV1969069 - 1338 TWO RIVERS CT

Owner: ANDREW R YERGENS & SHELLY A YERGENS JT REV TRUST

LOT 25 BLK 5 TWO RIVERS ADDITION NO 2 PT NE1/4 SEC 25
T5N R18E & PT NW1/4 SEC 30 T5N R19E :: DOC# 4182004

MUKV1969068 - 1332 TWO RIVERS CT

Owner: HARTWIG TRUST

LOT 24 BLK 5 TWO RIVERS ADDITION NO 2 PT NE1/4 SEC 25
T5N R18E & PT NW1/4 SEC 30 T5N R19E 1.366 AC DOC#
3322411

MUKV1969067 - 1326 TWO RIVERS CT

Owner: BRIAN SWIRTH

LOT 23 BLK 5 TWO RIVERS ADDITION NO 2 PT NE1/4 SEC 25
T5N R18E & PT NW1/4 SEC 30 T5N R19E R2885/3305

MUKV1969066 - 1320 TWO RIVERS CT

Owner: LOUIS BURG

LOT 22 BLK 5 TWO RIVERS ADDITION NO 2 PT NE1/4 SEC 25
T5N R18E & PT NW1/4 SEC 30 T5N R19E DOC# 2790910

MUKV1969065 - 1314 TWO RIVERS CT

Owner: MARK A ZABOROWSKI

LOT 21 BLK 5 TWO RIVERS ADDITION NO 2 PT NE1/4 SEC 25
T5N R18E & PT NW1/4 SEC 30 T5N R19E :: DOC# 4143905

MUKV1969064 -1308 TWO RIVERS CT

Owner: KENNETH A WERNER JR

LOT 20 BLK 5 TWO RIVERS ADDITION NO 2 PT NE1/4 SEC 25
T5N R18E & PT NW1/4 SEC 30 T5N R19E DOC# 2815397

MUKV1968142 626 TWO RIVERS DR

Owner: GREGORY J WILLETT

LOT 13 BLK 5 TWO RIVERS PT SE1/4 SEC 24 & NE1/4 SEC 25
T5N R18E 1.1297 AC DOC# 3482848

MUKV1968141 630 TWO RIVERS DR

Owner: LUCAS G LEMASTER

LOT 12 BLK 5 TWO RIVERS PT SE1/4 SEC 24 & NE1/4 SEC 25
T5N R18E

MUKV1968140 - 634 TWO RIVERS DR

Owner: SHAWN MCNULTY

LOT 11 BLK 5 TWO RIVERS PT SE1/4 SEC 24 & NE1/4 SEC 25
T5N R18E DOC# 2912593

MUKV1968139 - 638 TWO RIVERS DR

Owner: JASON R PARSELL

LOT 10 BLK 5 TWO RIVERS PT SE1/4 SEC 24 & NE1/4 SEC 25
T5N R18E :: DOC# 4113379

MUKV1968138 - 642 TWO RIVERS DR

Owner: JOHN E LEPINSKI

LOT 9 BLK 5 TWO RIVERS PT SE1/4 SEC 24 & NE1/4 SEC 25
T5N R18E 0.8002 AC DOC# 3632084

MUKV1968137 - 646 TWO RIVERS DR

Owner: BRAD SMITH

LOT 8 BLK 5 TWO RIVERS PT SE1/4 SEC 24 & NE1/4 SEC 25
T5N R18E DOC# 2814156

MUKV1968136 - 650 TWO RIVERS DR

Owner: TIMOTHY MAHER

LOT 7 BLK 5 TWO RIVERS PT SE1/4 SEC 24 & NE1/4 SEC 25
T5N R18E DOC# 2601340

MUKV1968135 - 704 TWO RIVERS DR
Owner: JOAN DUBEY
LOT 6 BLK 5 TWO RIVERS PT SE1/4 SEC 24 & NE1/4 SEC 25
T5N R18E

MUKV1968134 - 712 TWO RIVERS DR
Owner: ROBERT C JOY
LOT 5 BLK 5 TWO RIVERS PT SE1/4 SEC 24 & NE1/4 SEC 25
T5N R18E DOC# 4042130 & DOC# 4082094

MUKV1968133 - 720 TWO RIVERS DR
Owner: JOSEPH KOWALCZYK
LOT 4 BLK 5 TWO RIVERS PT SE1/4 SEC 24 & NE1/4 SEC 25
T5N R18E DOC# 2536266

MUKV1968132 - 728 TWO RIVERS DR
Owner: JOHN BUSSE JR
LOT 3 BLK 5 TWO RIVERS PT SE1/4 SEC 24 & NE1/4 SEC 25
T5N R18E DOC# 2676113

MUKV1968131 - 736 TWO RIVERS DR
Owner: CYNTHIA M SCHIFERL
LOT 2 BLK 5 TWO RIVERS PT SE1/4 SEC 24 & NE1/4 SEC 25
T5N R18E :: DOC# 4228964

MUKV1968130 - 744 TWO RIVERS DR
Owner: JONATHAN G HURLEY
LOT 1 BLK 5 & OUTLOT 1 BLK 9 TWO RIVERS PT SE1/4 SEC 24
& NE1/4 SEC 25 T5N R18E DOC# 3899387

**From R-2 Single-Family Village Residential to R-1 Single Family Community
Residential District**

MUKV1974977 – 577 Eagle Lake Ave
Owner: JOSEPH C MENDEZ
PT NW1/4 SEC 26 T5N R18E COM W1/4 POST N 505.56 FT N
566.28 FT N89°E 74.25 FT S 567.60 FT W 74.25 FT TO BGN 0.966
AC ALSO 28 FT STRIP DOC# 3116776

MUKV1974976 – 503 Eagle Lake Ave
Owner: KRISTIN J PETERSON
E 120 FT OF PT NW1/4 SEC 26 T5N R18E COM 505.56 FT N OF
& 74.25 FT E OF W1/4 POST N 567.6 FT N89°E 74.25 FT S 568.92
FT W 74.25 FT TO BGN ALSO COM 505.62 FT N OF & 148.50 FT
E OF W1/4 POST N 568.92 FT N89°E 74.25 FT S 570.24 FT W
74.25 FT TO BGN DOC# 3603451

MUKV1974975 – 493 Eagle Lake Ave

Owner: JASON DREGER

PT NW1/4 SEC 26 T5N R18E COM W1/4 POST N 505.56 FT E
222.55 FT N 570.24 FT N89°E 74.25 FT S 571.56 FT W 74.25 FT
TO BGN DOC# 3057094

MUKV1974974 – 487 Eagle Lake Ave

Owner: TERRY HASS

PT NW1/4 SEC 26 T5N R18E; COM 7 CH 66 LINKS (505.56 FT) N
& 4 CH 50 LINKS (297 FT) E OF W1/4 POST; N 8 CH 66 LINKS
(571.56 FT) TO CNTR OF HWY; N89°E 1 CH 25 LINKS (82.5 FT);
S 8 CH 68 1/4 LINKS (573.04 FT); W 1 CH 25 LINKS (82.5 FT) TO
BGN :: DOC# 4222578

MUKV1974973 – 477 Eagle Lake Ave

Owner: RICHARD R HIERL

PT NW1/4 SEC 26 T5N R18E; COM AT POINT 505.56 FT N &
379.50 FT E OF 1/4 POST ON W SI OF SAID SEC 26; N
PARALLEL TO W LI OF SEC 573.04 FT TO CTR OF HWY; N89°E
IN CTR OF HWY 82.50 FT; S PARALLEL TO W LI OF SEC 574.53
FT; W 82.50 FT TO BGN :: DOC #4379879

MUKV1974972 – 467 Eagle Lake Ave

Owner: CRAIG WILSON

PT NW1/4 SEC 26 T5N R18E COM 505.56 FT N & 462.00 FT E
OF W1/4 POST N 574.53 FT N89°E 82.50 FT S 577.99 FT W 82.50
FT TO BGN DOC# 3170440

MUKV1974971 – 459 Eagle Lake Ave

Owner: DANIEL LEISTER

PT NW1/4 SEC 26 T5N R18E COM W1/4 POST N 505.56 FT E
544.50 FT N 576.01 FT N89°E 82.50 FT S 577.50 FT W 82.50 FT
TO BGN DOC# 3951221

MUKV1974970- No Address

Owner: WAUKESHA COUNTY

PT NW1/4 SEC 26 T5N R18E COM W1/4 POST N 505.56 FT E
627 FT N 577.50 FT S81 E 76.56 FT S 566.28 FT W 75.90 FT TO
BGN 0.715 AC EX R24/71 R999/268

MUKV1974969 – 512 Bay St

Owner: NICHOLAS K NEWBY

PT NW1/4 SEC 26 T5N R18E COM 505.56 FT N & 627 FT E OF
W1/4 POST N 130.02 FT E 75.90 FT S 130.02 FT W 75.90 FT TO
BGN DOC# 4039326 & DOC# 4043584

MUKV1974985 – 430 Eagle Lake Ave

Owner: DEBBIE D JAMES

PT NW1/4 SEC 26 T5N R18E; COM NW COR; S 1/2°W 883.08 FT; N89°30'E 726 FT THE BGN; S 1/2°W 676.5 FT; S86°E 92.6 FT; N 1/2°E 684.5 FT; S89°30'W 92.42 FT TO BGN :: DOC# 4131729 & DOC# 4170782

MUKV1974984 – 440 Eagle Lake Ave

Owner: ROSS PILAK

T NW1/4 SEC 26 T5N R18E; COM AT PT CTR OF HWY 16.24 CH (1071.84') N OF 1/4 POST W SI SEC 26 & 11 CH (726') N89°E OF W LI SEC 26; N 10 CH (660'); S89°W 100 FT; S 10 CH (660') TO CNTR OF HWY; N89°E 100 FT TO BGN :: DOC #4343503

MUKV1974983 – 450 Eagle Lake Ave

Owner: RAYMOND SCHMIDT

PT NW1/4 SEC 26 T5N R18E; COM IN CTR OF HWY 16 CHAINS & 24 LINKS (1071.84 FT) N OF W1/4 POST & 6 CHAINS (396 FT) N89°E FROM W LI SEC 26; N89°E 175 FT THE BGN; N 250 FT; S89°W 100 FT; N 410 FT; N89°E 155 FT; S 660 FT; S89°W 55 FT TO BGN :: DOC# 4230284

MUKV1974982 – 460 Eagle Lake Ave

Owner: JOHN W STRIZIC

PT NW1/4 SEC 26 T5N R18E COM 1071.84 FT N OF W1/4 POST & 396.00 FT N89° E FROM W SEC LI; N89° E 75 FT THE BGN; N 250 FT; N89° E 100 FT; S 250 FT; S89° W 100 FT TO BGN DOC# 4067838

MUKV1974981 - 470 EAGLE LAKE AVE

Owner: JOHN W STRIZIC

PT NW1/4 SEC 26 T5N R18E COM 1071.84 FT N OF W1/4 POST & 396.00 FT N89° E FROM W SEC LI; N 660.00 FT; N89° E 75 FT; S 660 FT; S89° W 75 FT TO BGN DOC# 4067838

MUKV1974980 490 EAGLE LAKE AVE

Owner: NYSSE REVOCABLE TRUST

PT NW1/4 SEC 26 T5N R18E; COM AT A POINT ON W LI OF SAID 1/4 SEC N 1071.84 FT FROM THE W1/4 POST OF SAID SEC; N89°35'36"E ALG CNTR LI OF HWY 252.0 FT THE BGN; N89°35'36"E ALG SAID CNTR LI 144.0 FT; N & PARALLEL TO W LI OF SAID 1/4 SEC 268.0 FT; S89°35'36"W 144.0 FT; S 268.0 FT TO BGN

MUKV1974979004 500 EAGLE LAKE AVE

Owner: MARY JO LA TONA

LOT 4 CSM #9632 VOL 88/277 REC AS DOC #3066849 PT NW1/4 SEC 26 T5N R18E

MUKV1974979003 618 MEADOW VIEW CT

Owner: ALAN FORD

LOT 3 CSM #9632 VOL 88/277 REC AS DOC #3066849 PT NW1/4
SEC 26 T5N R18E

MUKV1974979002 612 MEADOW VIEW CT

Owner: ANDREW GRIPPEN

LOT 2 CSM #9632 VOL 88/277 REC AS DOC #3066849 PT NW1/4
SEC 26 T5N R18E :: DOC #4345683

MUKV1974979001 606 MEADOWVIEW CT

Owner: JEFFREY SCOTT RUDOLPH

LOT 1 CSM #9632 VOL 88/277 REC AS DOC #3066894 PT NW1/4
SEC 26 T5N R18E :: DOC #4348624

From A-1 Agricultural District to R-10 Multi Family District

MUKV1962989015

Owner: LOT OWNERS OF THE GLEN OF MUKWONAGO
CONDOMINIUM

1ST ADDENDUM TO CONDOMINIUM PLAT OF THE GLEN OF
MUKWONAGO (PHASE 1) EX UNITS 37 & 38 PT NW1/4 SEC 23
T5N R18E

Recommendation

Staff recommend the Planning Commission recommend to the Village board the adoption of an ordinance as drafted.

Attachments

1. Ordinance



Village of Mukwonago GIS
MUKV1959988010 - Aerial Map

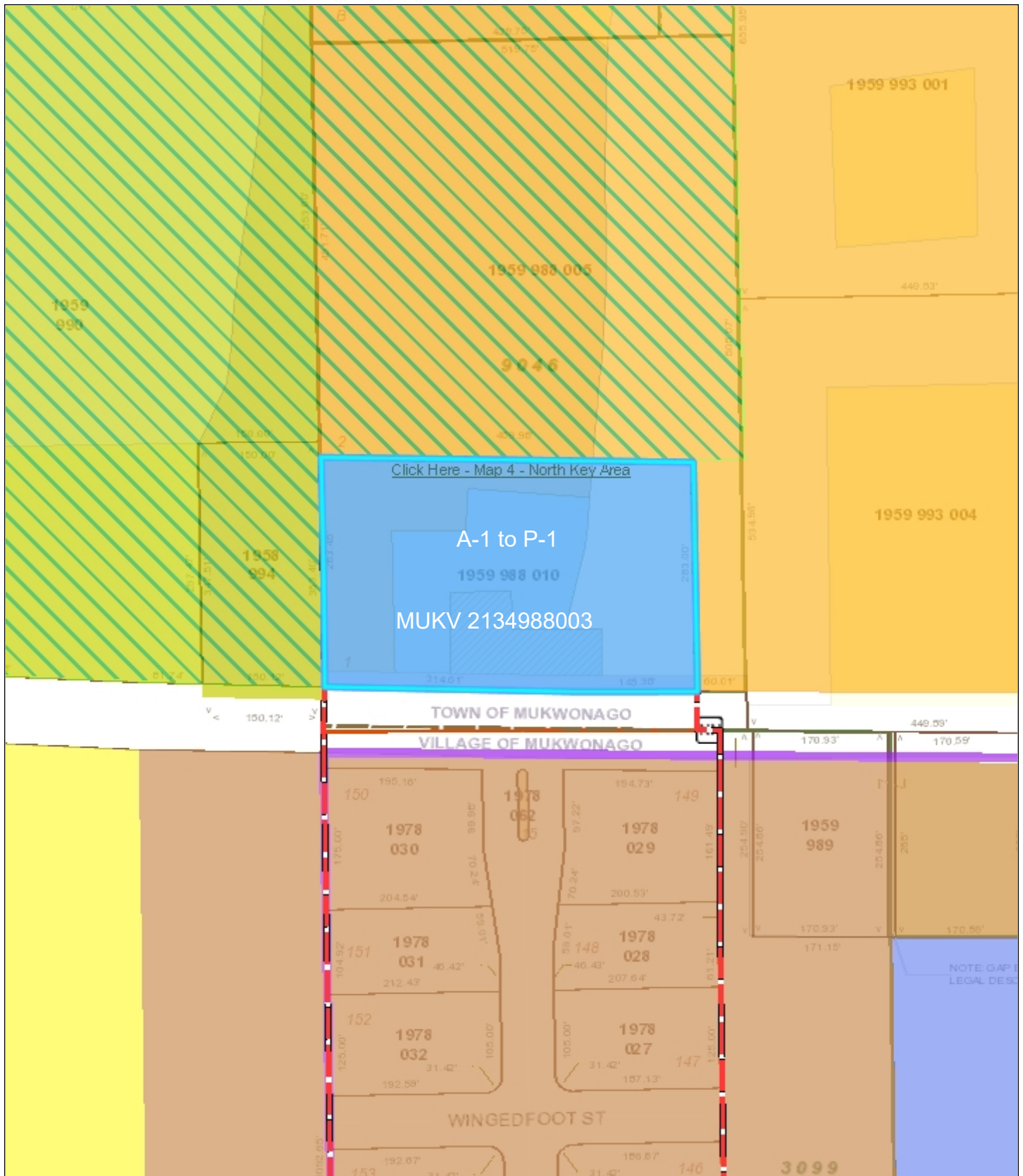
DISCLAIMER: The Village of Mukwonago does not guarantee the accuracy of the material contained here in and is not responsible for any misuse or misrepresentation of this information or its derivatives.



SCALE: 1" = 167'

VILLAGE OF MUKWONAGO
440 River Crest Court
PO Box 206
Mukwonago, WI 53149
262-363-6420

Print Date: 1/7/2022



Village of Mukwonago GIS

MUKV1959988010 - Current Land Use Map

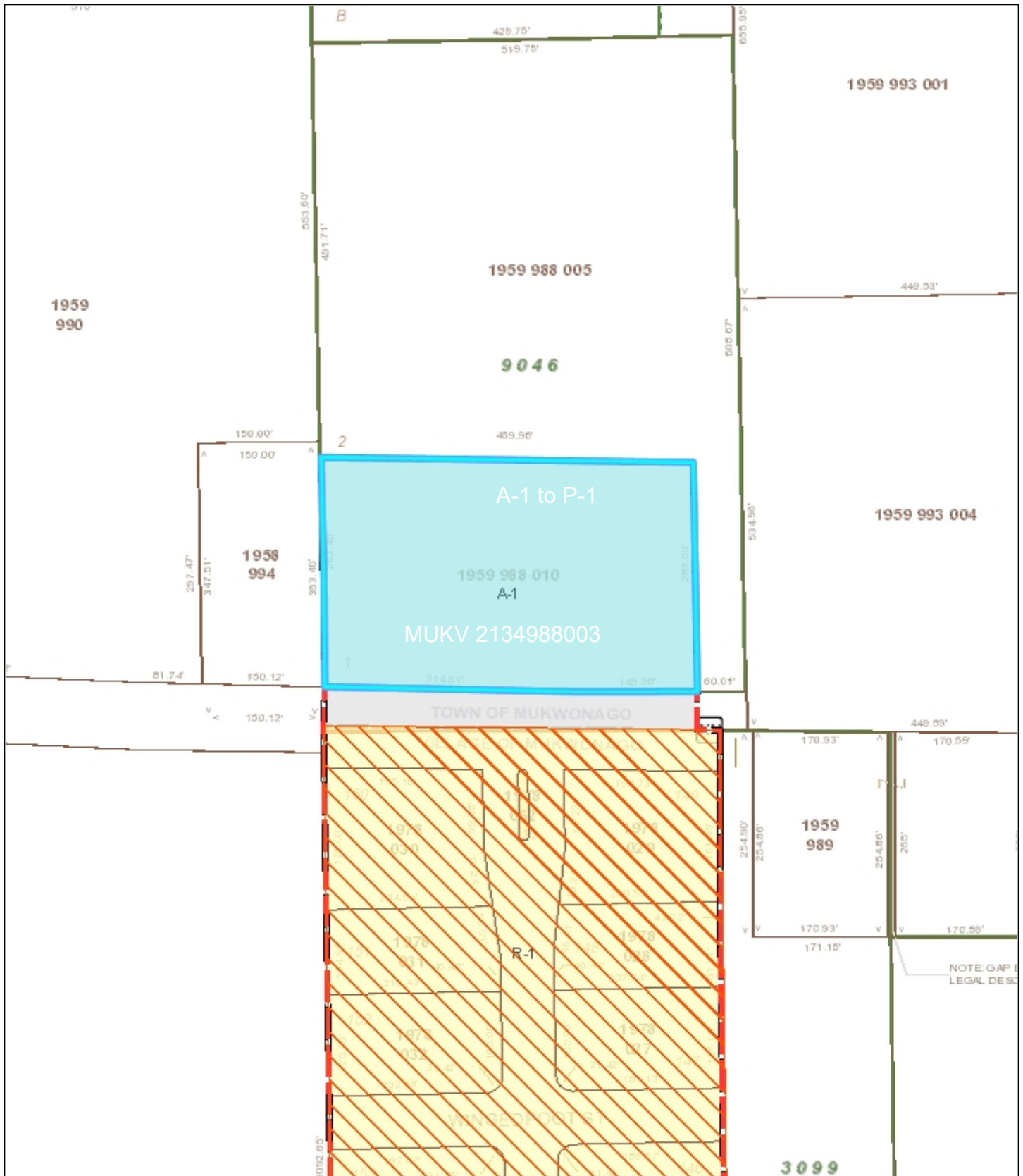
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Village of Mukwonago GIS
MUKV1959988010 - Current Zoning Map

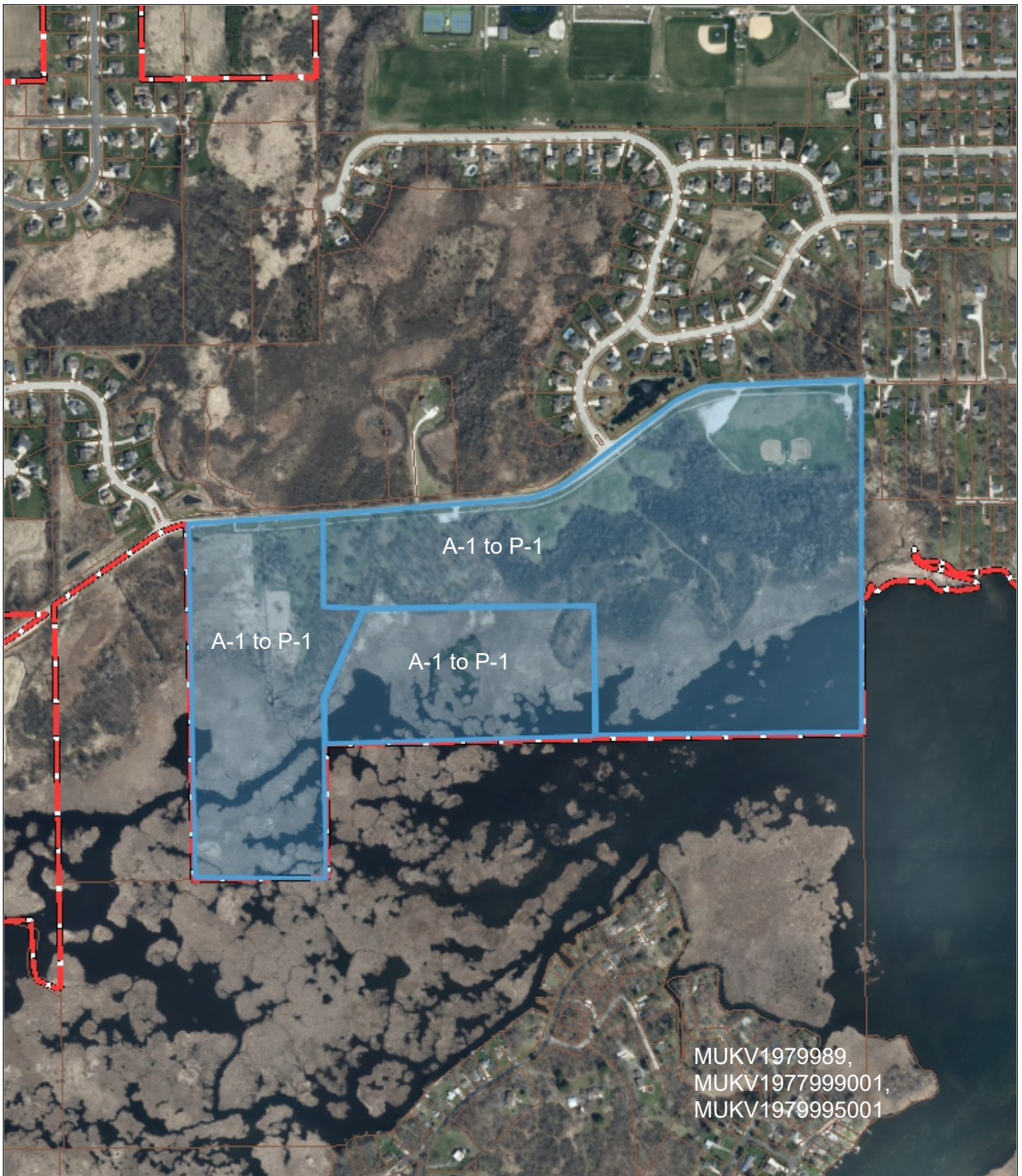
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Village of Mukwonago GIS

MUKV1979989, MUKV1977999001, MUKV1979995001 -
Aerial Map

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SCALE: 1" = 667'

VILLAGE OF MUKWONAGO

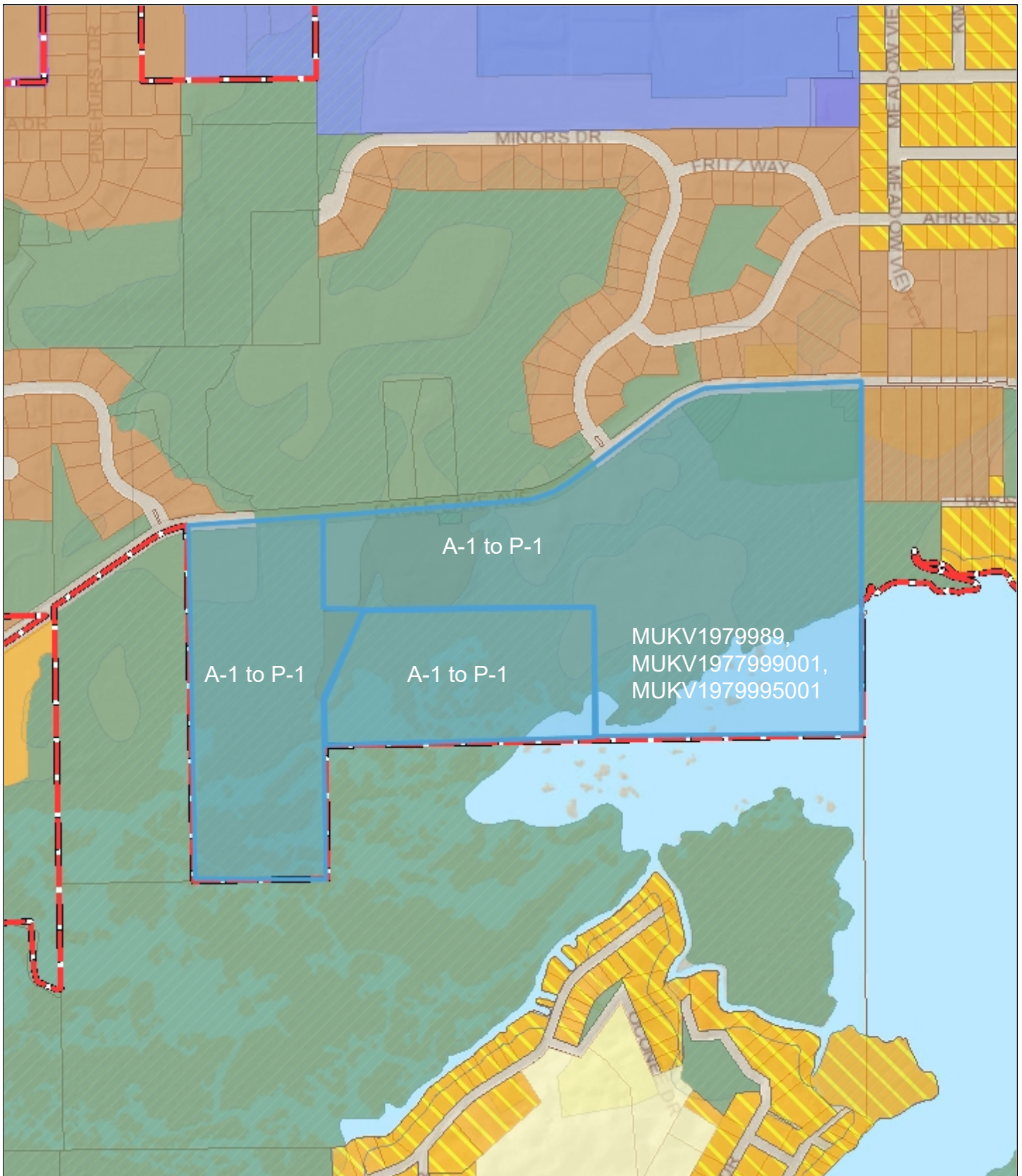
440 River Crest Court

PO Box 206

Mukwonago, WI 53149

262-363-6420

Print Date: 1/7/2022



Village of Mukwonago GIS

MUKV1979989, MUKV1977999001, MUKV1979995001 -

Current Land Use Map

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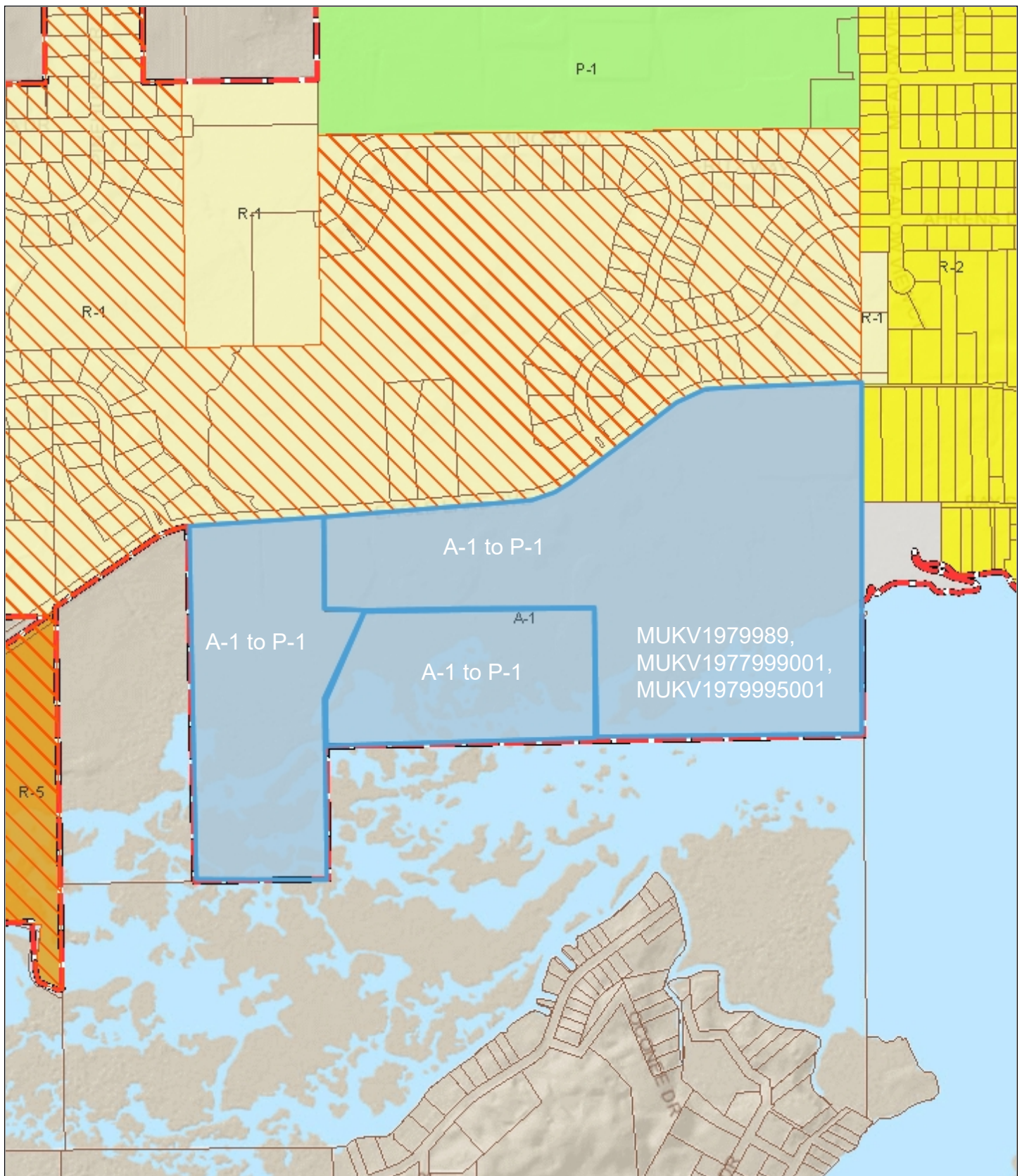
440 River Crest Court

PO Box 206

Mukwonago, WI 53149

262-363-6420

Print Date: 1/7/2022



Village of Mukwonago GIS

MUKV1979989, MUKV1977999001, MUKV1979995001 -

Current Zoning Map

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VILLAGE OF MUKWONAGO

440 River Crest Court

PO Box 206

Mukwonago, WI 53149

262-363-6420

Print Date: 1/7/2022



Village of Mukwonago GIS
E Troy Railroad Parcels - Aerial Map

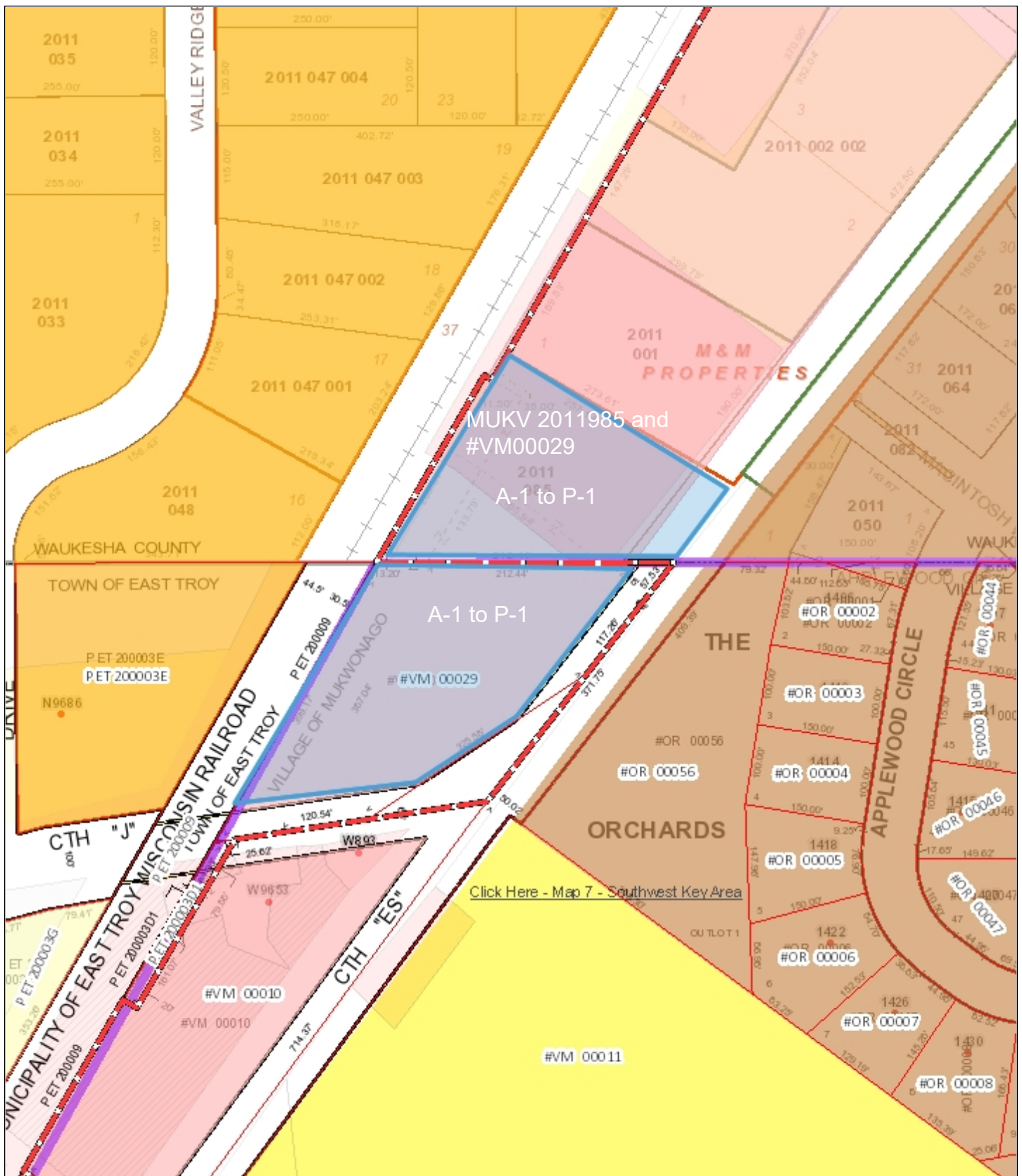
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VILLAGE OF MUKWONAGO
440 River Crest Court
PO Box 206
Mukwonago, WI 53149
262-363-6420

Print Date: 1/7/2022



Village of Mukwonago GIS E Troy Railroad Parcels - Land Use Map

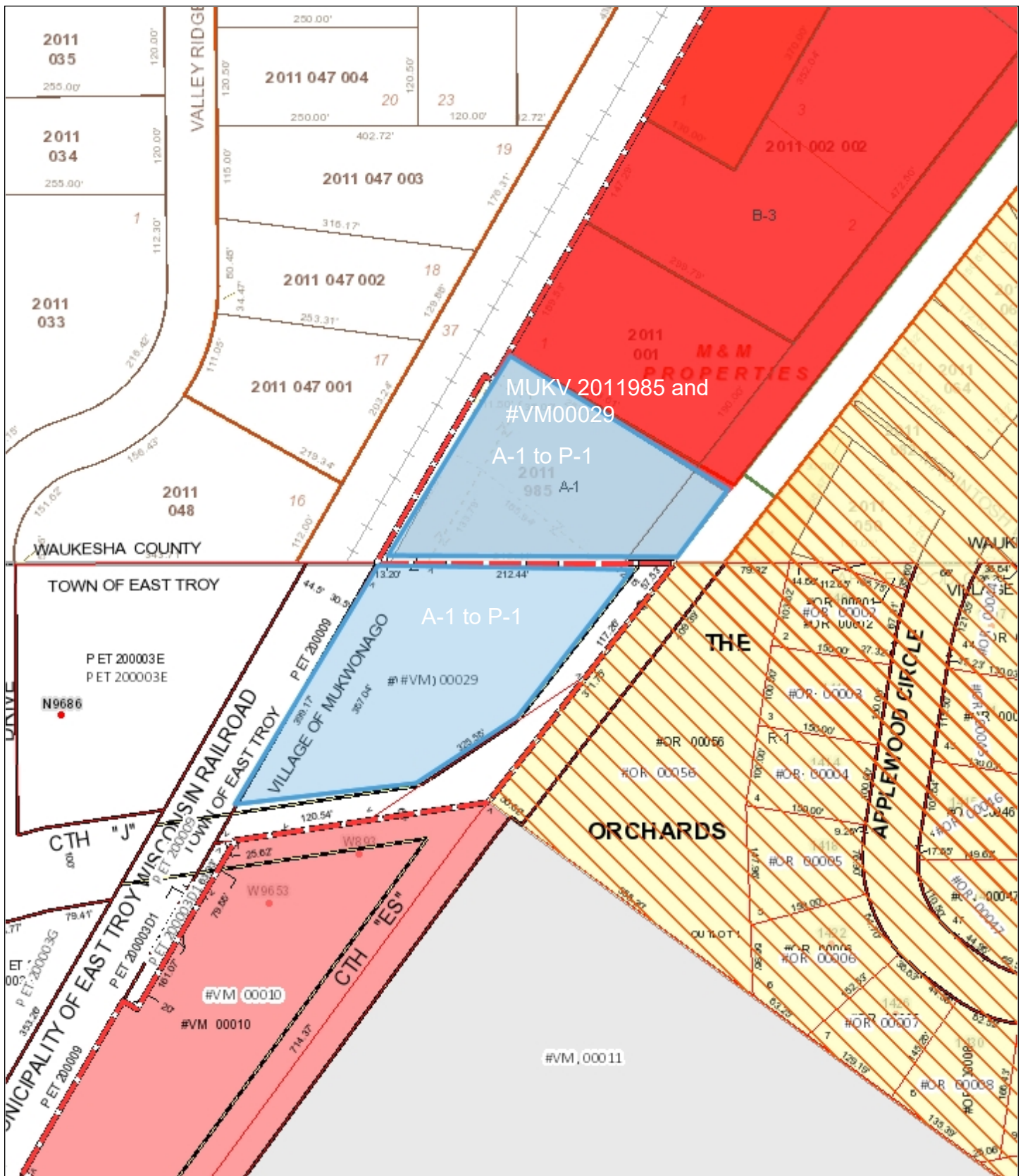
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VILLAGE OF MUKWONAGO
440 River Crest Court
PO Box 206
Mukwonago, WI 53149
262-363-6420

Print Date: 1/7/2022



Village of Mukwonago GIS E Troy Railroad Parcels - Zoning Map

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VILLAGE OF MUKWONAGO
440 River Crest Court
PO Box 206
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262-363-6420

Print Date: 1/7/2022



Village of Mukwonago GIS #A364100001 Aerial Photo

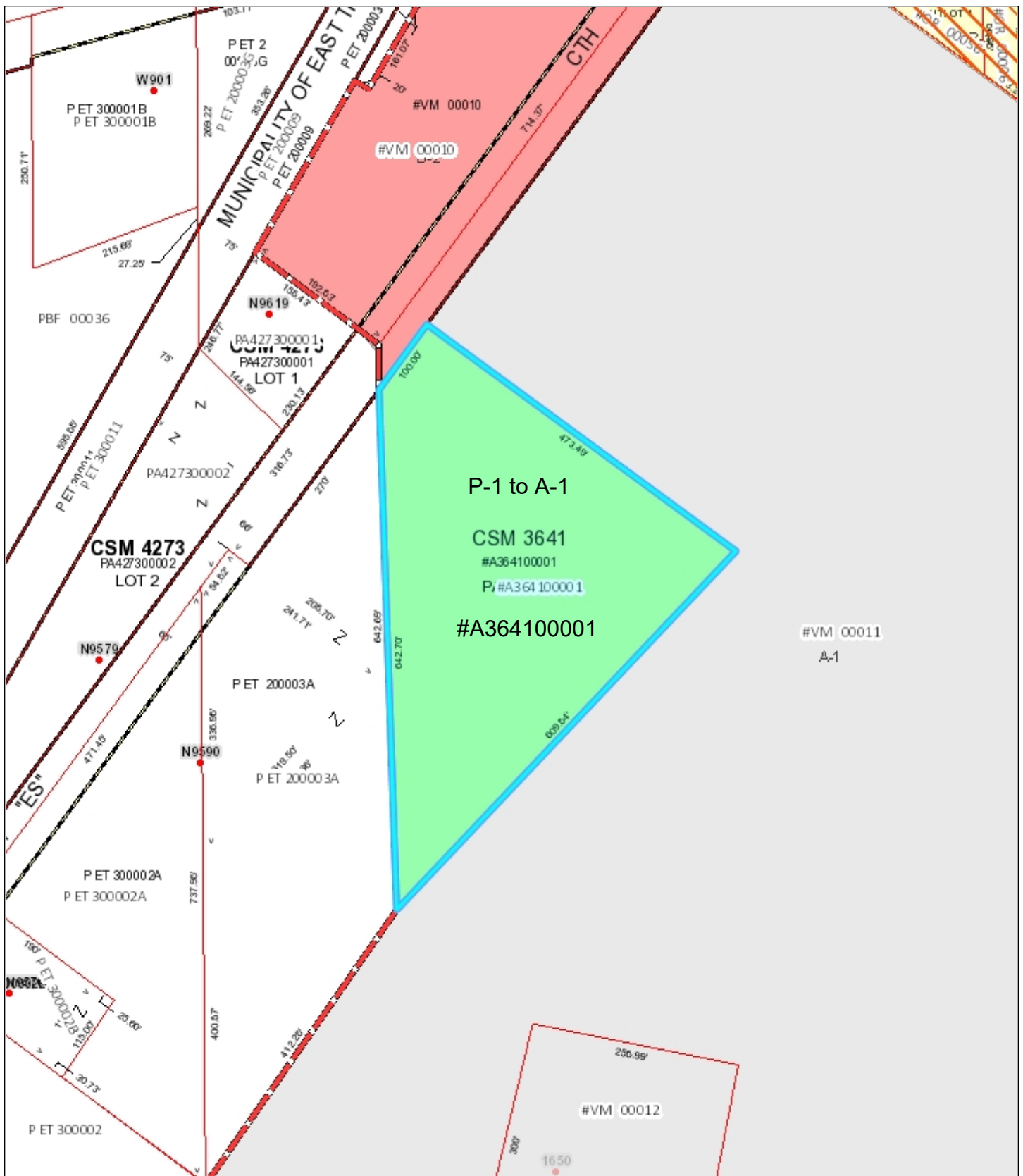
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SCALE: 1" = 200'

VILLAGE OF MUKWONAGO
440 River Crest Court
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262-363-6420

Print Date: 1/17/2022



Village of Mukwonago GIS #A364100001 Zoning

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440 River Crest Court
PO Box 206
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Print Date: 1/17/2022



Village of Mukwonago GIS
MUKV2012994 -Aerial

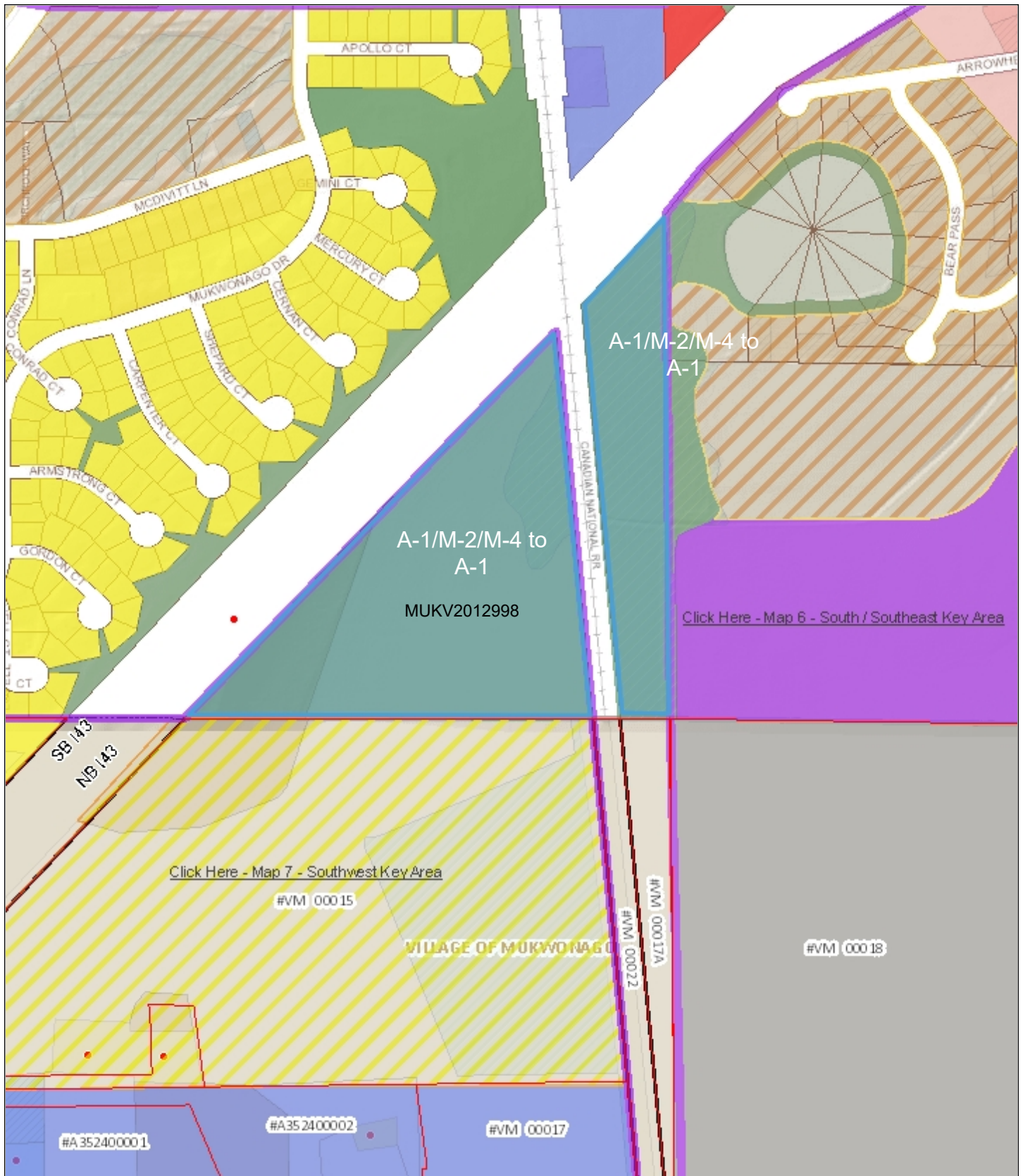
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SCALE: 1" = 500'

VILLAGE OF MUKWONAGO
440 River Crest Court
PO Box 206
Mukwonago, WI 53149
262-363-6420

Print Date: 1/10/2022



Village of Mukwonago GIS MUKV2012994 - Land Use

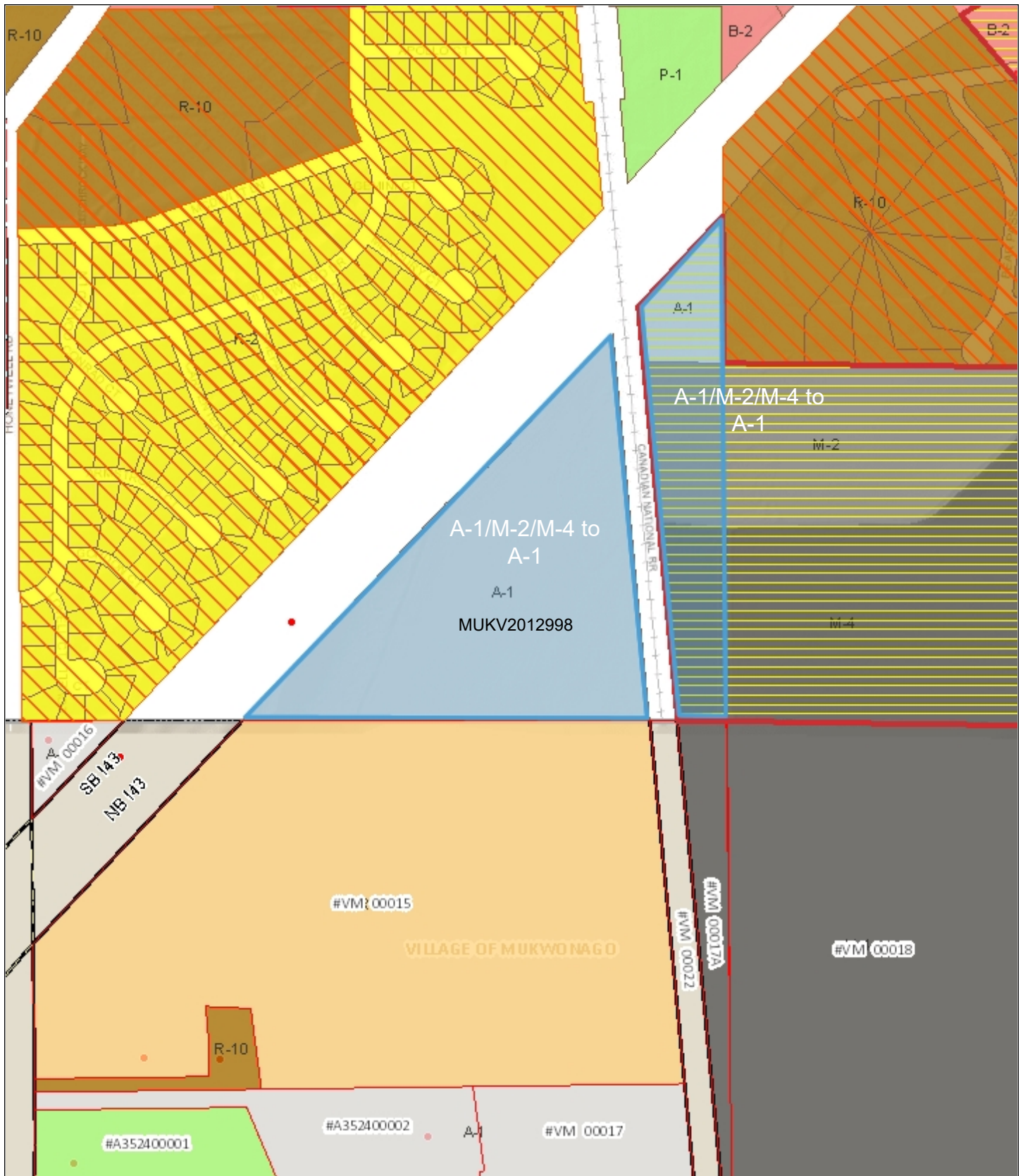
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262-363-6420

Print Date: 1/10/2022



Village of Mukwonago GIS
MUKV2012994 - Zoning

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VILLAGE OF MUKWONAGO
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262-363-6420

Print Date: 1/10/2022



Village of Mukwonago GIS
MUKV1969062 and 077 - Aerial

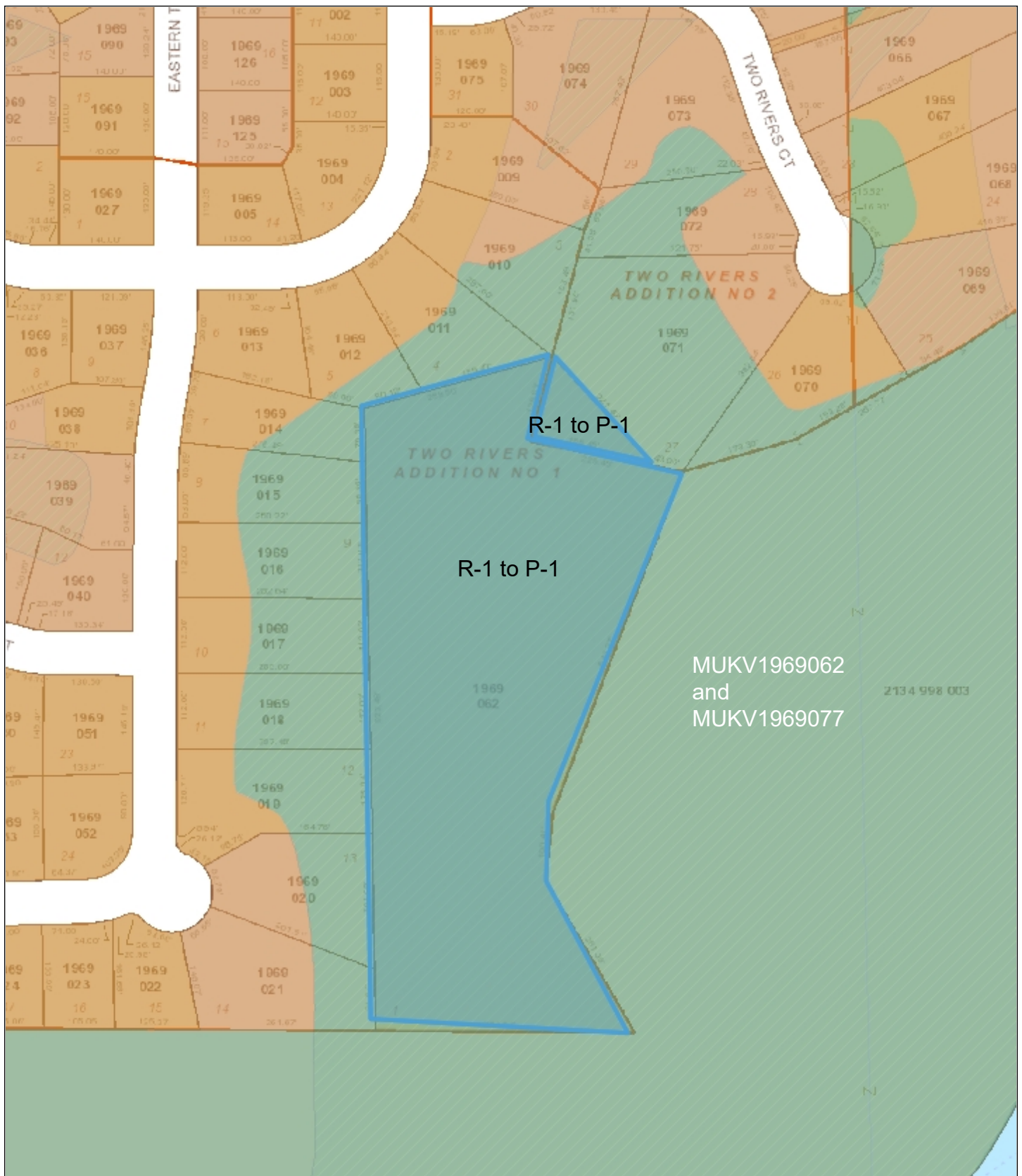
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Village of Mukwonago GIS MUKV1969062 and 077 - Land Use

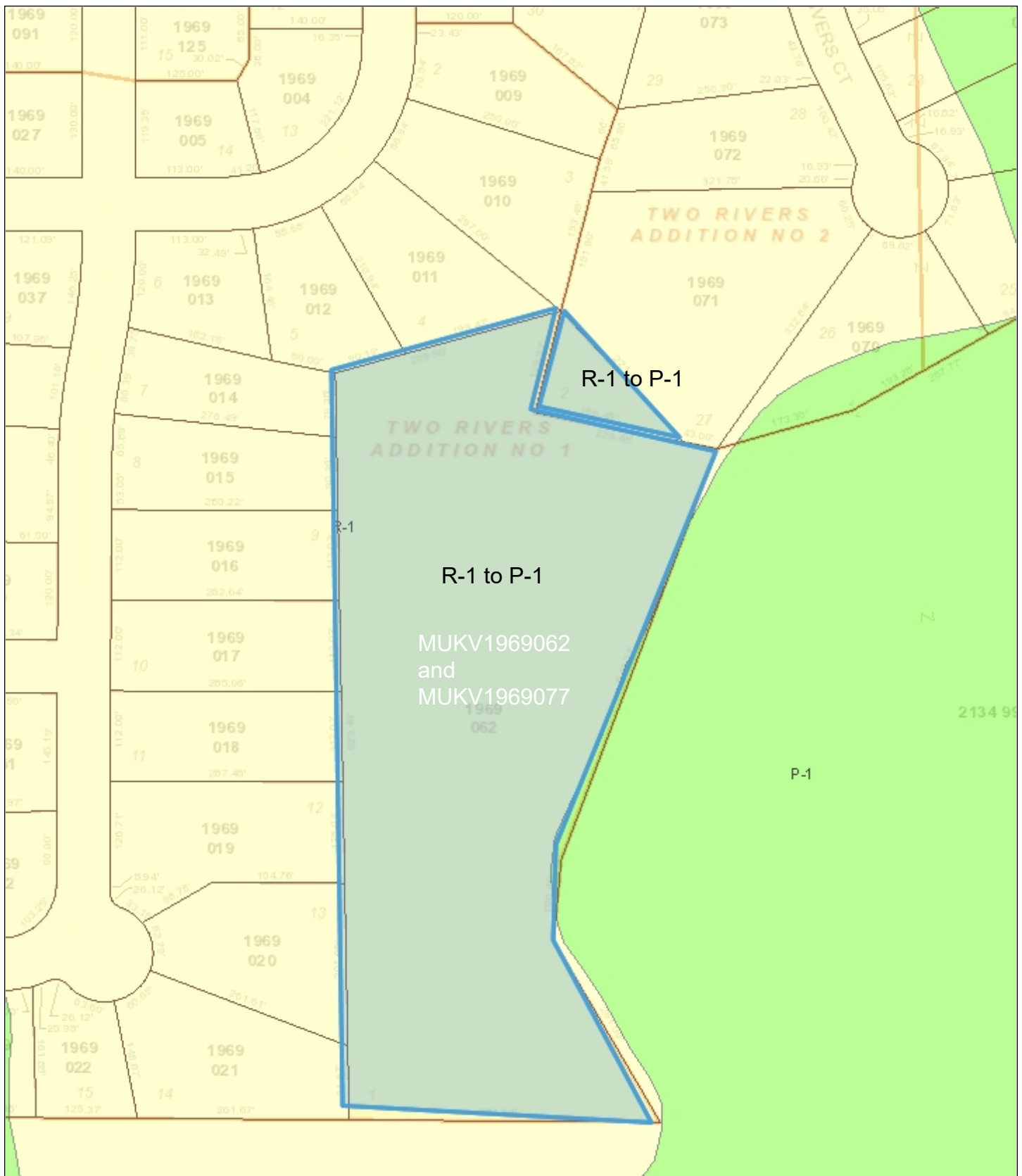
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VILLAGE OF MUKWONAGO
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Village of Mukwonago GIS
MUKV1969062 and 077 - Zoning

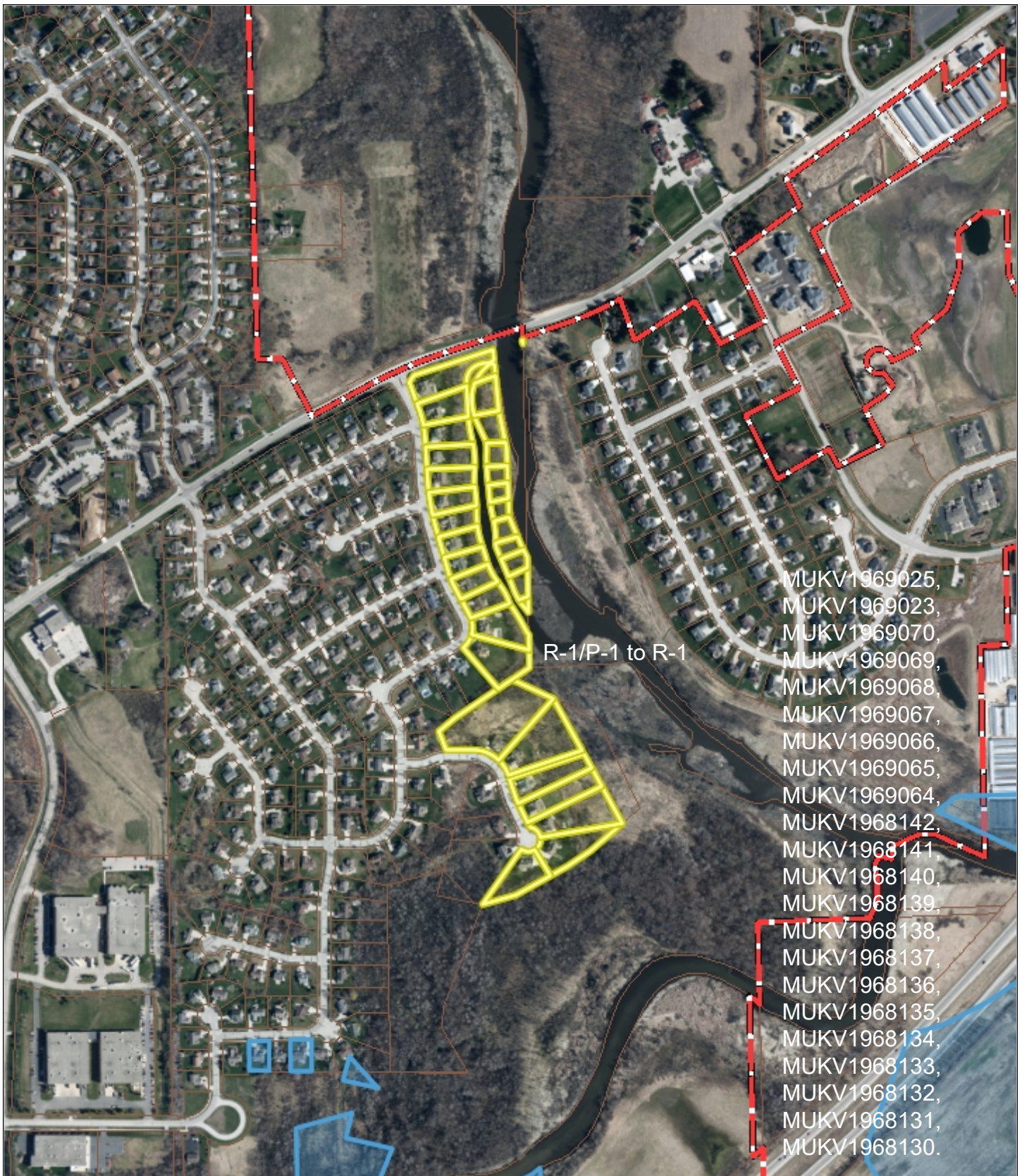
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VILLAGE OF MUKWONAGO
440 River Crest Court
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Mukwonago, WI 53149
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Print Date: 1/10/2022



Village of Mukwonago GIS
Parcels with Two Rivers - Aerial

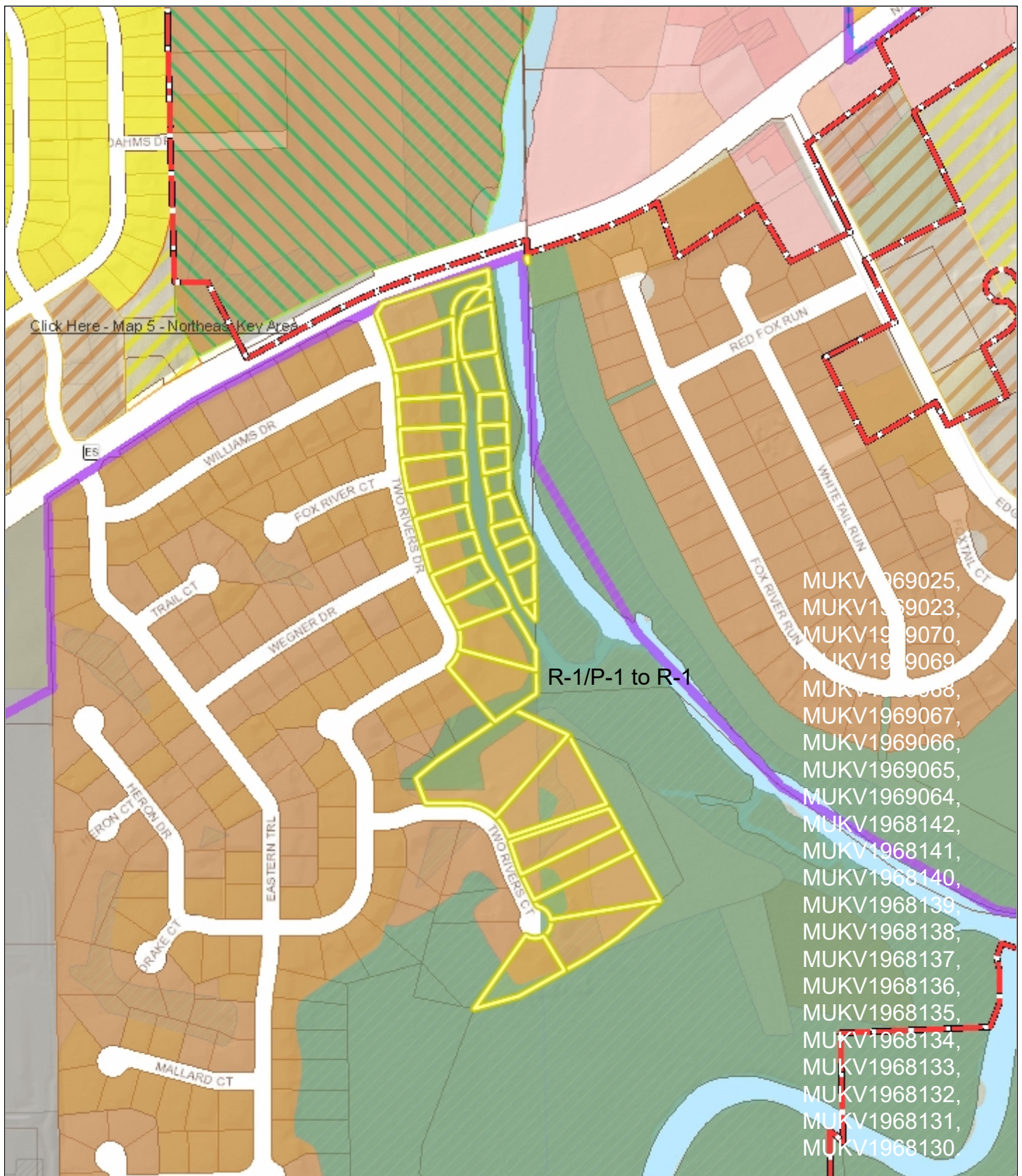
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SCALE: 1" = 667'

VILLAGE OF MUKWONAGO
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262-363-6420

Print Date: 1/13/2022



Village of Mukwonago GIS

Parcels with Two Rivers - Land Use

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PO Box 206
Mukwonago, WI 53149
262-363-6420

Print Date: 1/13/2022



Village of Mukwonago GIS
N and S of LO R-2 to R-1 -Aerial Map

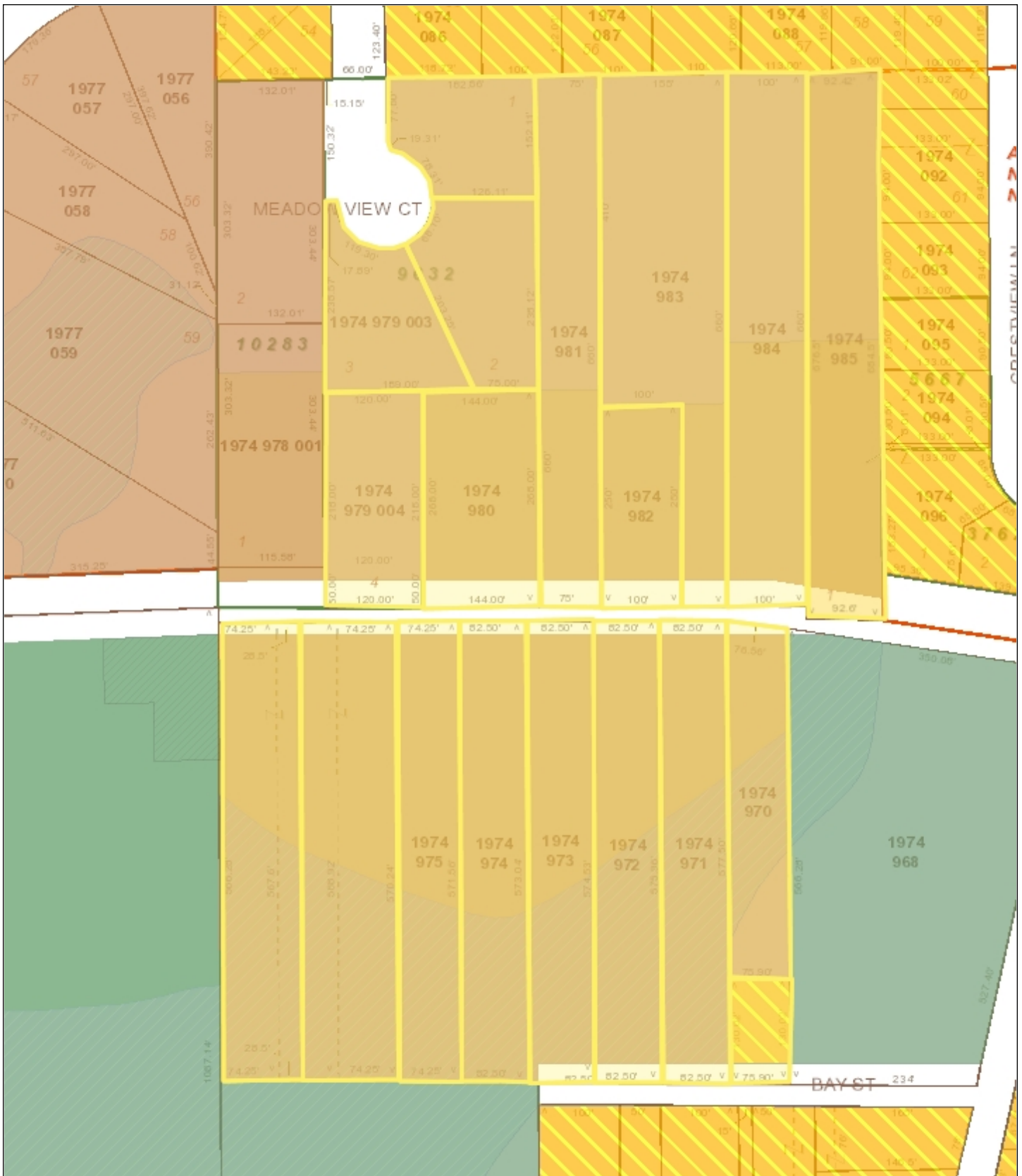
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SCALE: 1" = 200'

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262-363-6420

Print Date: 1/7/2022



Village of Mukwonago GIS N and S of LO R-2 to R-1 -Land Use Map

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Print Date: 1/7/2022



Village of Mukwonago GIS
MUKV1969023 and 025 - Aerial

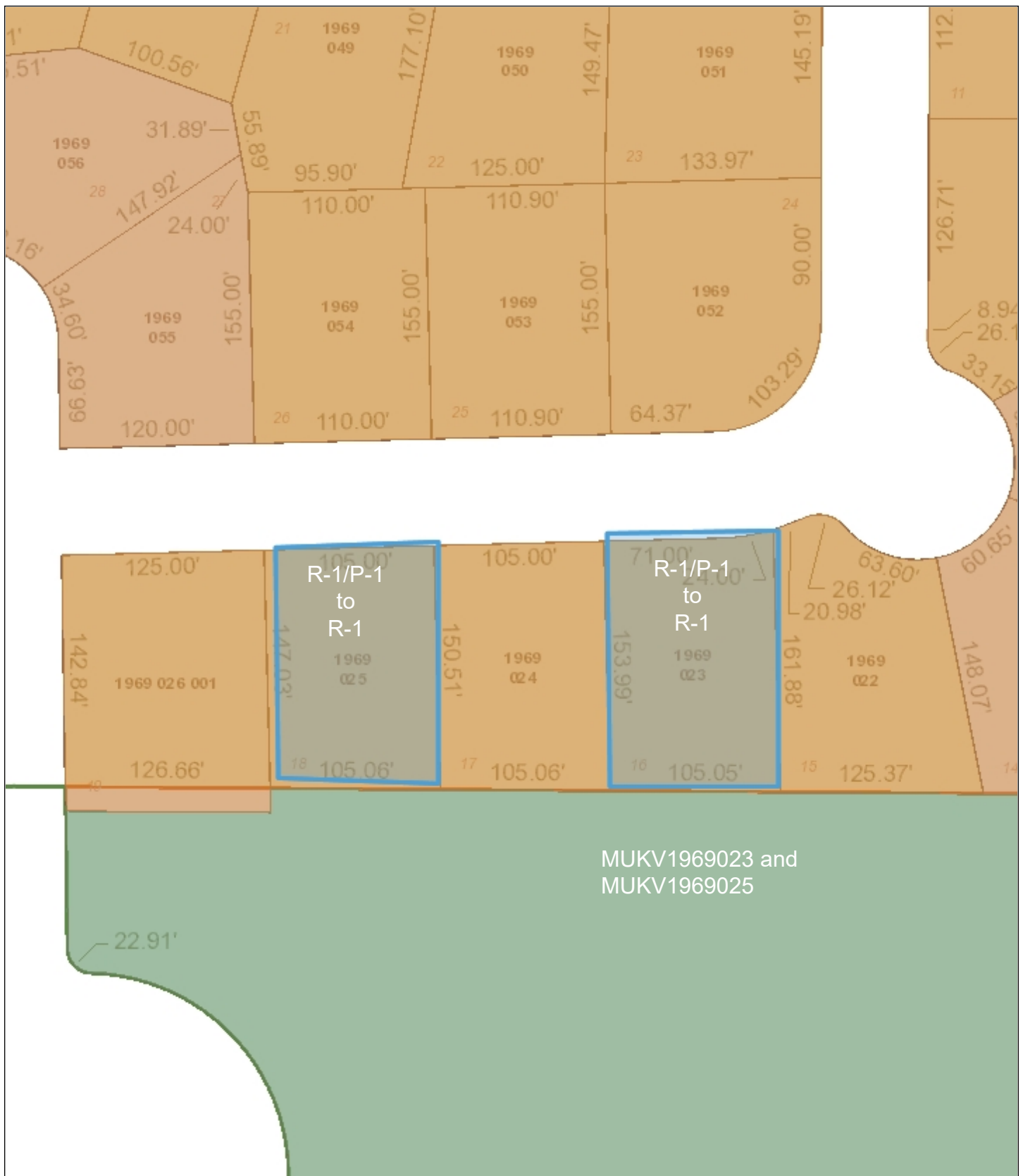
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SCALE: 1" = 100'

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PO Box 206
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262-363-6420

Print Date: 1/10/2022



Village of Mukwonago GIS
MUKV1969023 and 025 - Land Use

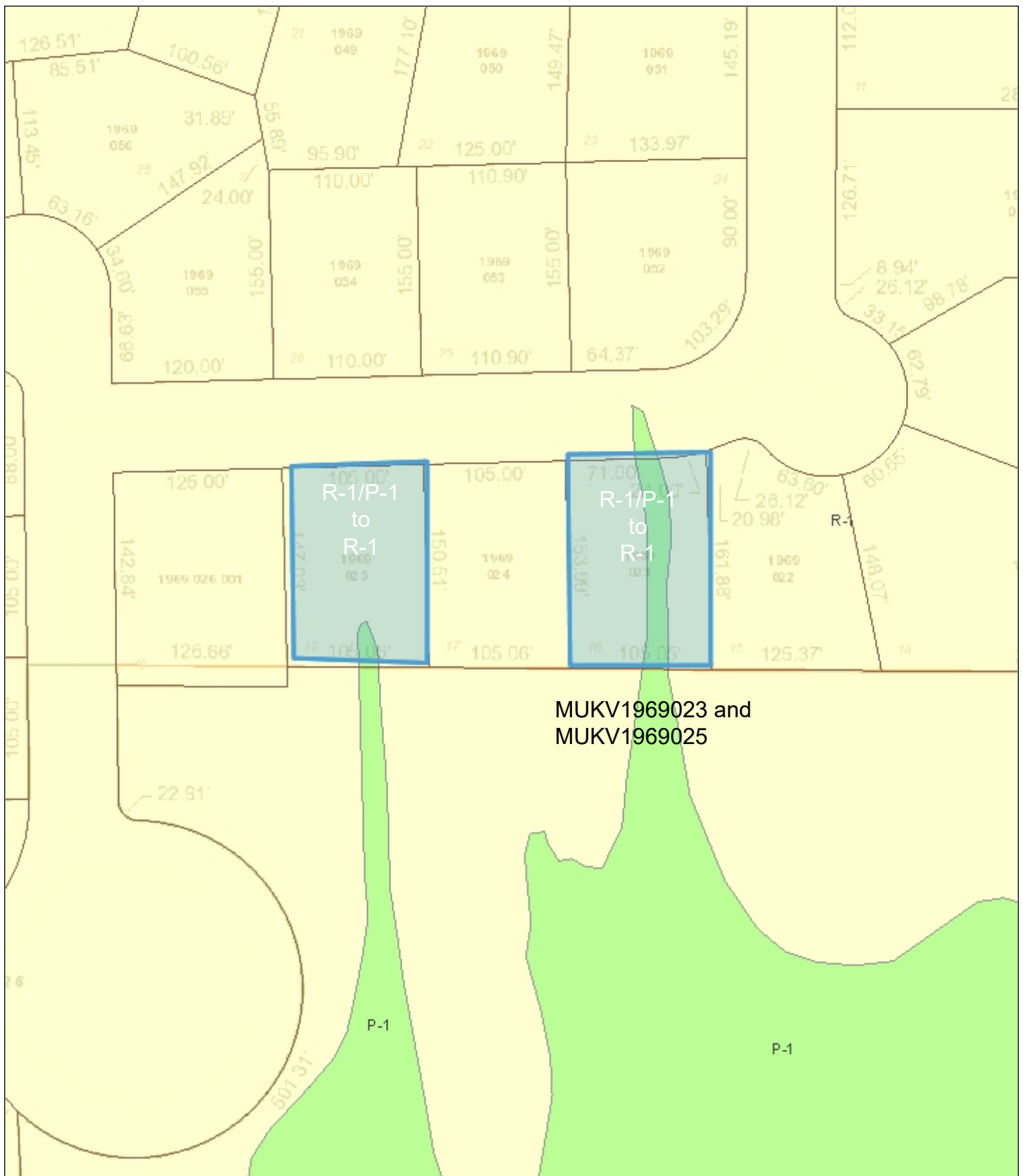
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SCALE: 1" = 83'

VILLAGE OF MUKWONAGO
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Village of Mukwonago GIS
MUKV1969023 and 025 - Zoning

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SCALE: 1" = 100'

VILLAGE OF MUKWONAGO
 440 River Crest Court
 PO Box 206
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 262-363-6420

Print Date: 1/10/2022



Village of Mukwonago GIS
MUKV2134988003 - Aerial

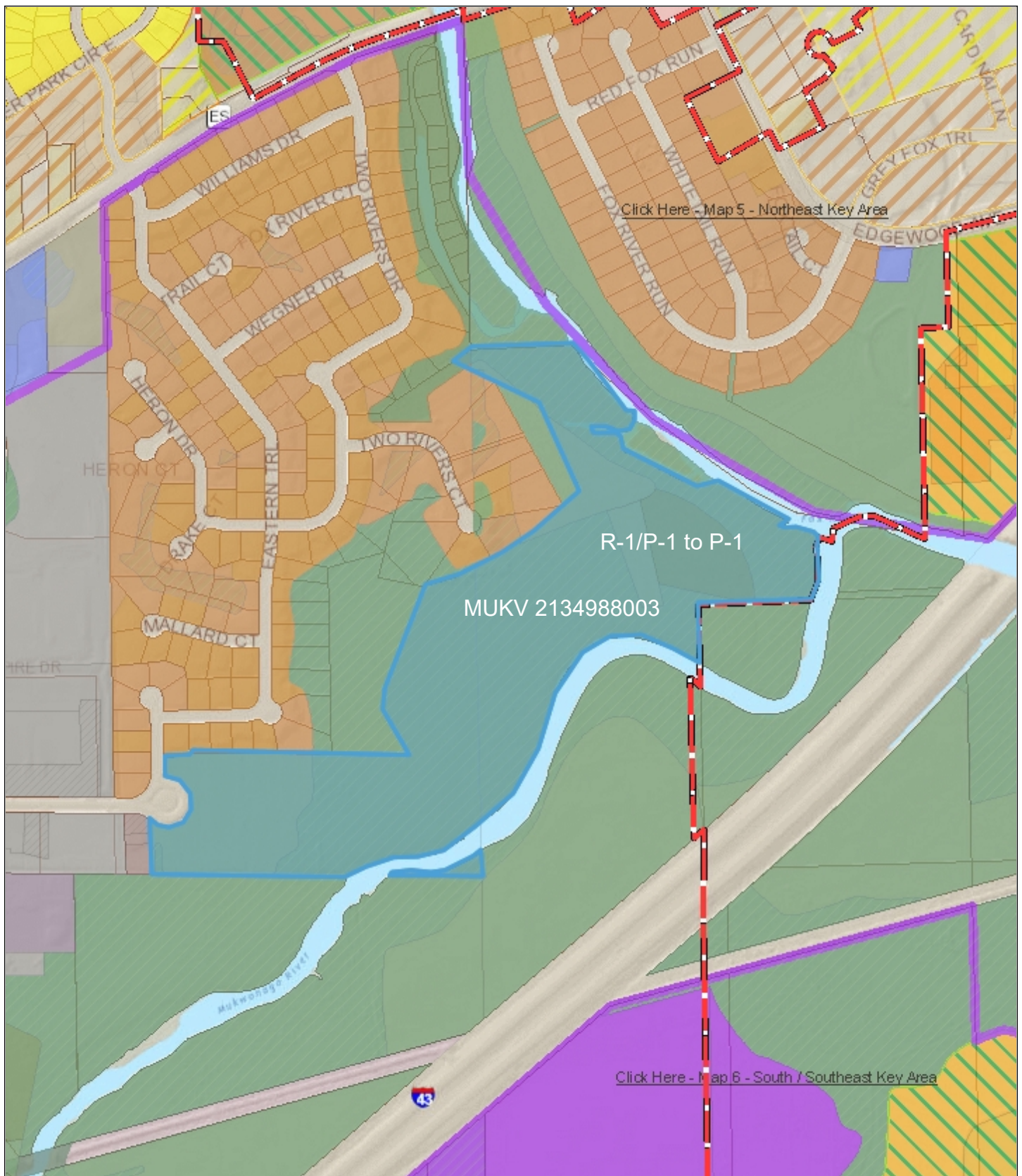
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SCALE: 1" = 667'

VILLAGE OF MUKWONAGO
440 River Crest Court
PO Box 206
Mukwonago, WI 53149
262-363-6420

Print Date: 1/10/2022



Village of Mukwonago GIS
MUKV2134988003 - land use

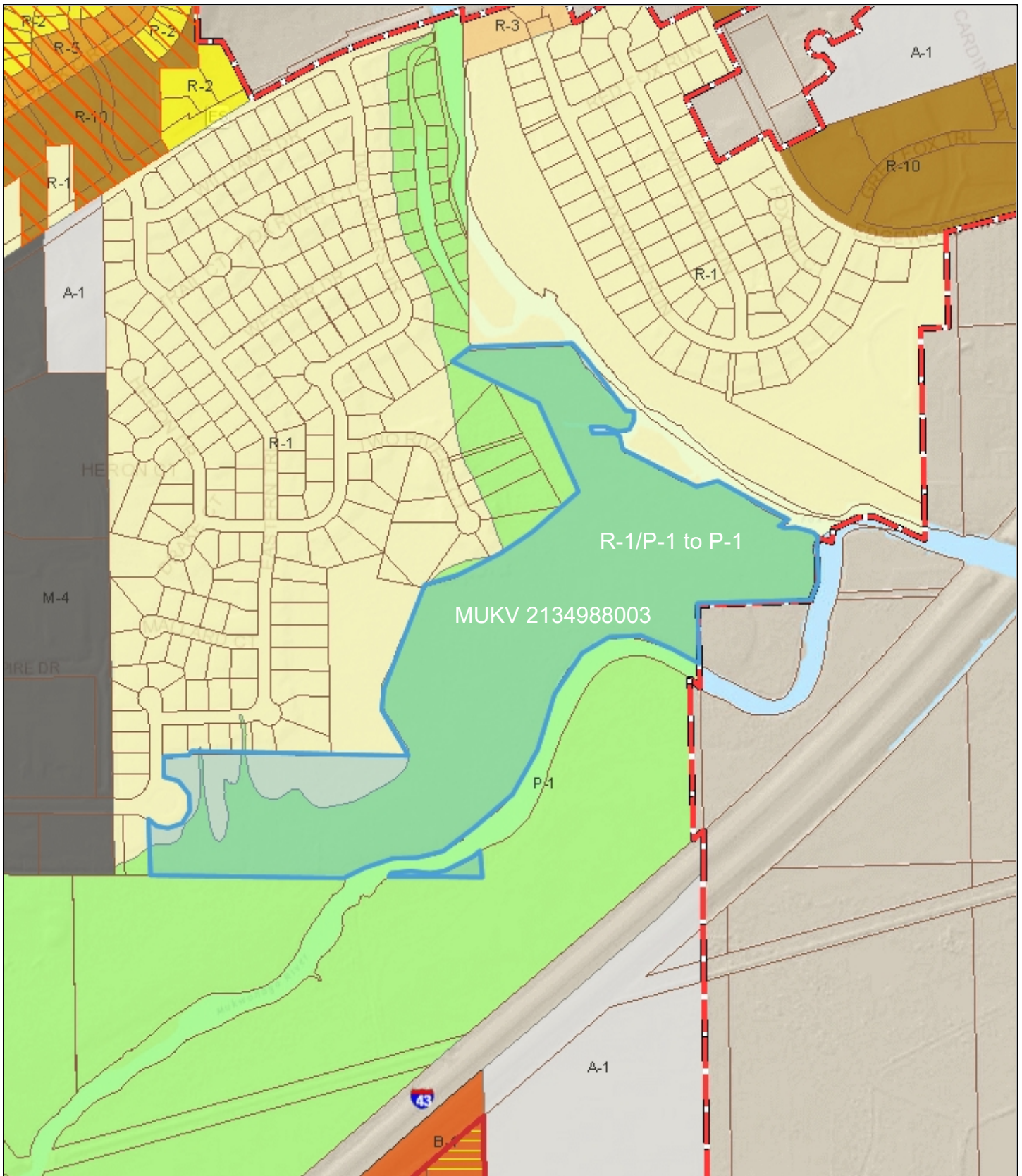
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PO Box 206
Mukwonago, WI 53149
262-363-6420

Print Date: 1/10/2022



Village of Mukwonago GIS
MUKV2134988003 - zoning

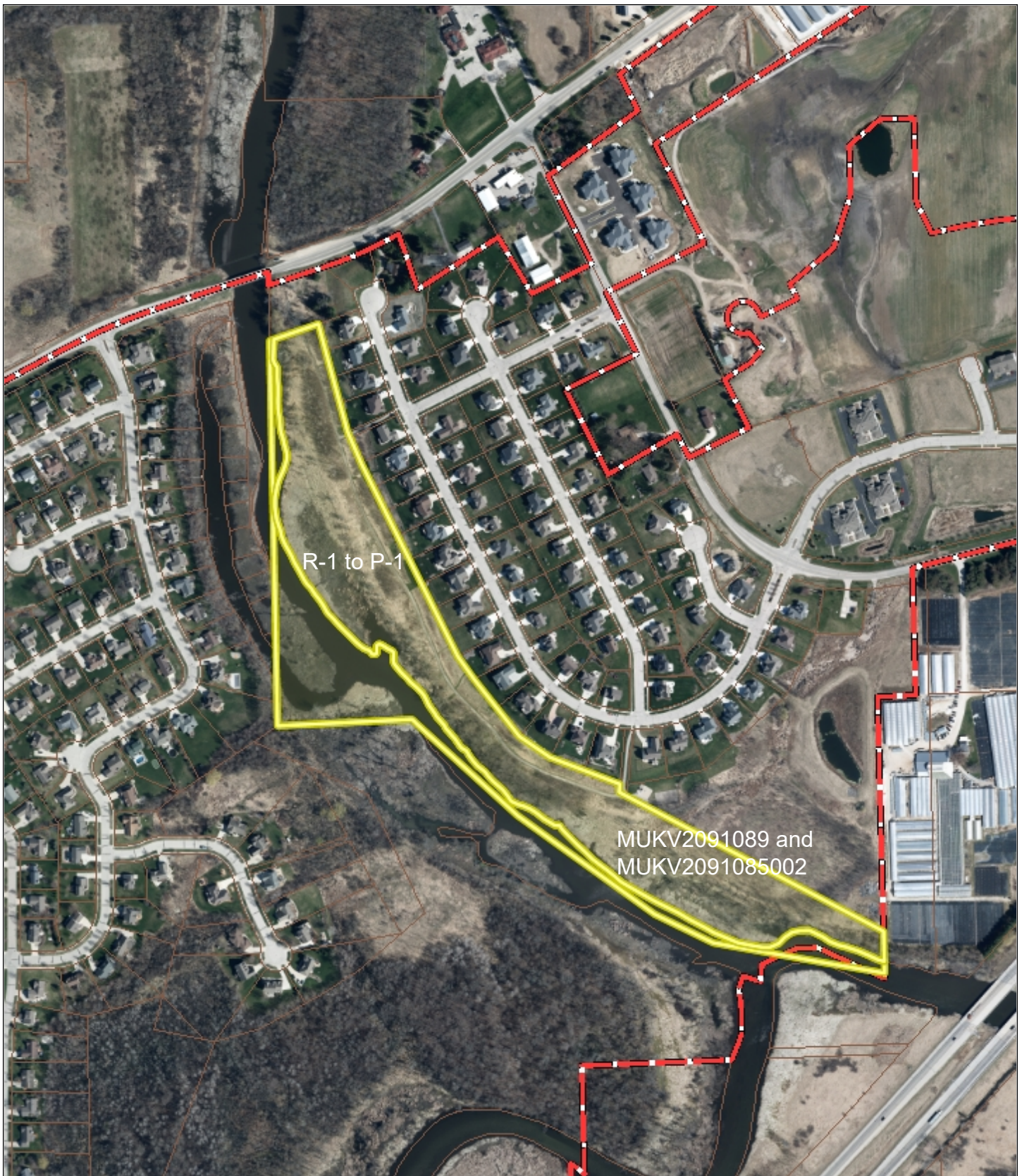
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PO Box 206
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262-363-6420

Print Date: 1/10/2022



Village of Mukwonago GIS

Waukesha Co. / V of Mukwonago land along Fox River -
Aerial

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VILLAGE OF MUKWONAGO

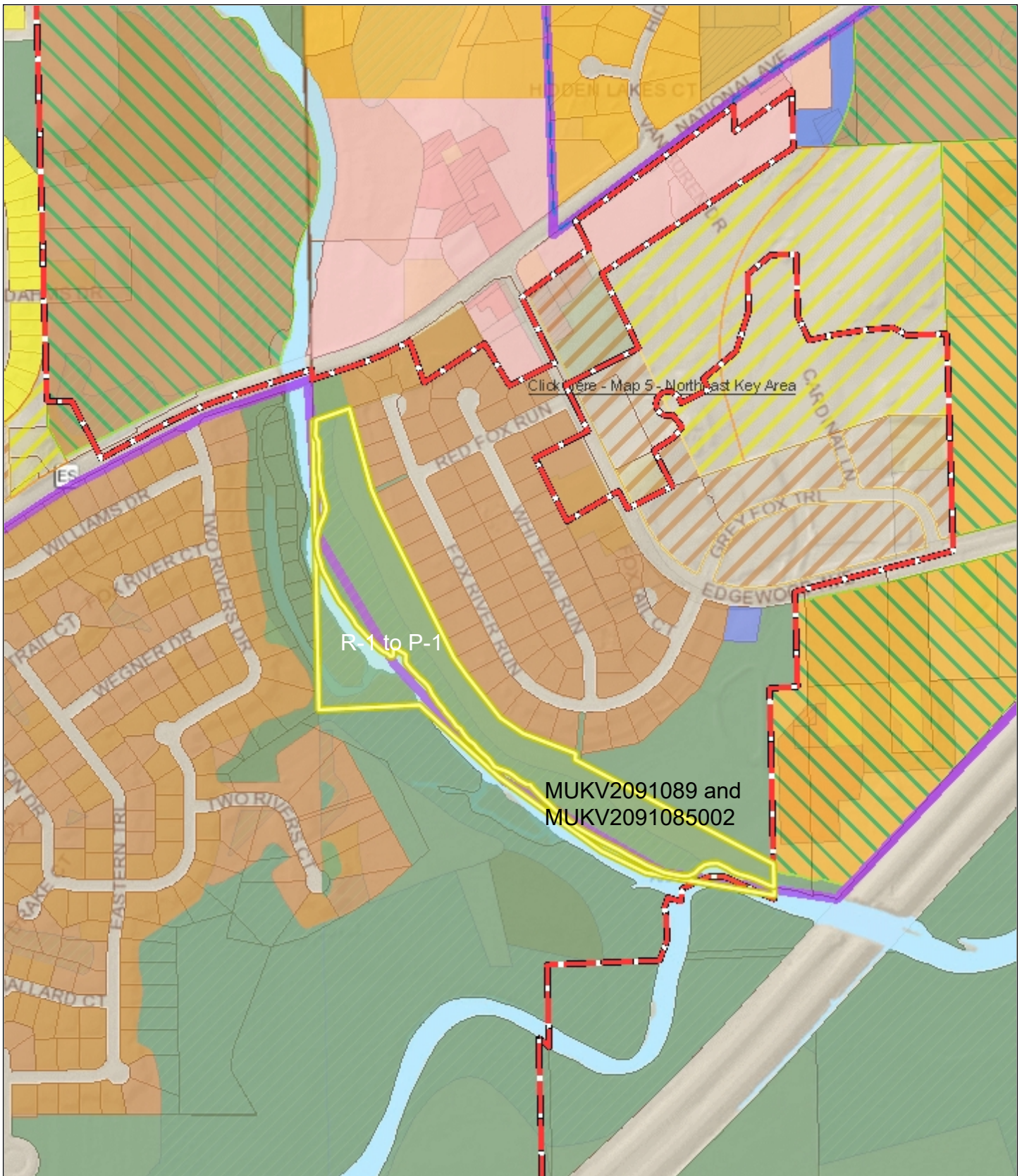
440 River Crest Court

PO Box 206

Mukwonago, WI 53149

262-363-6420

Print Date: 1/13/2022



Village of Mukwonago GIS

Waukesha Co. / V of Mukwonago land along Fox River - Land Use

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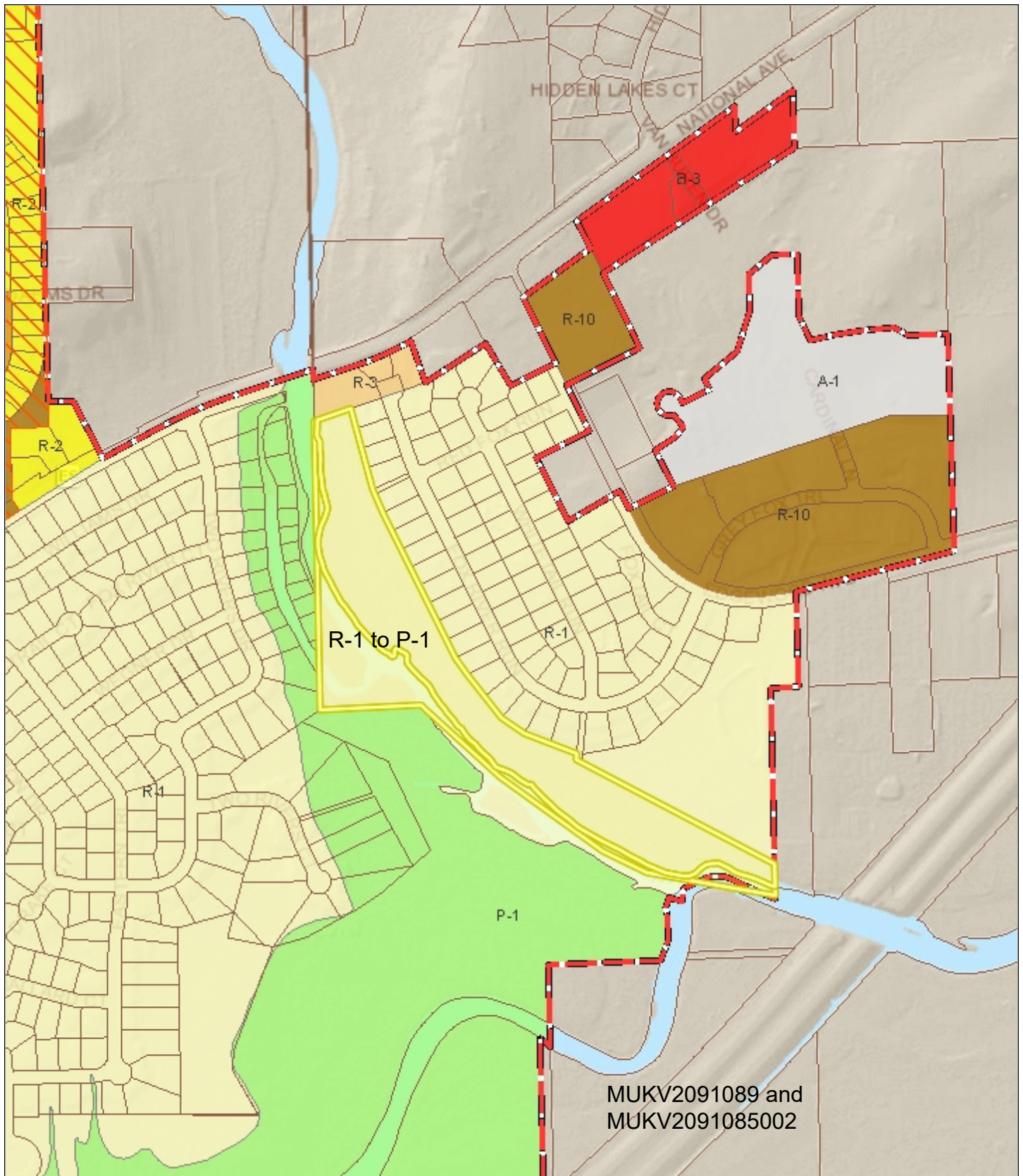


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VILLAGE OF MUKWONAGO

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Village of Mukwonago GIS

Waukesha Co. / V of Mukwonago land along Fox River - Zoning

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440 River Crest Court
PO Box 206
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262-363-6420

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Village of Mukwonago GIS
Black Bear Condo - Aerial

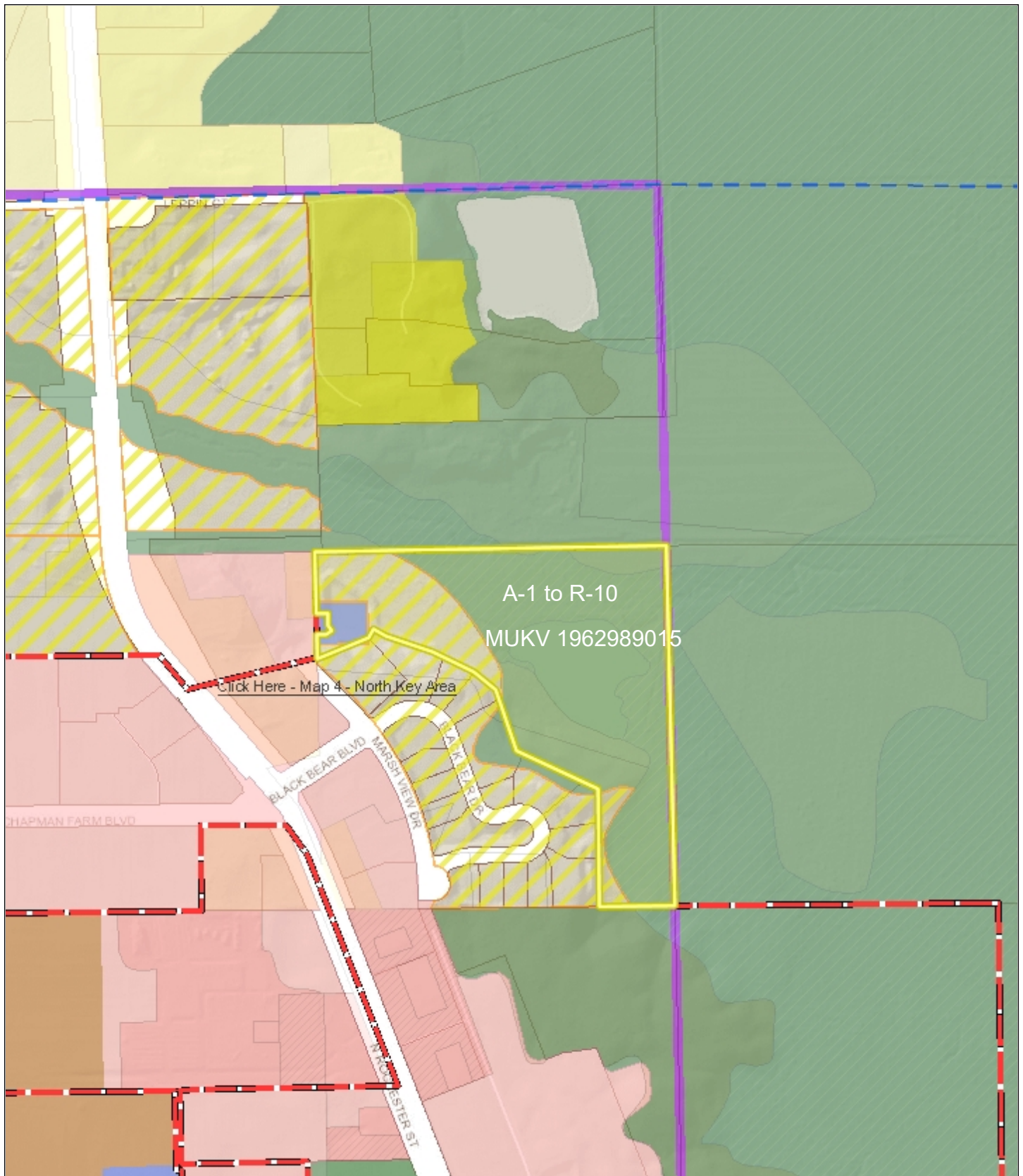
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Village of Mukwonago GIS Black Bear Condo - Land Use

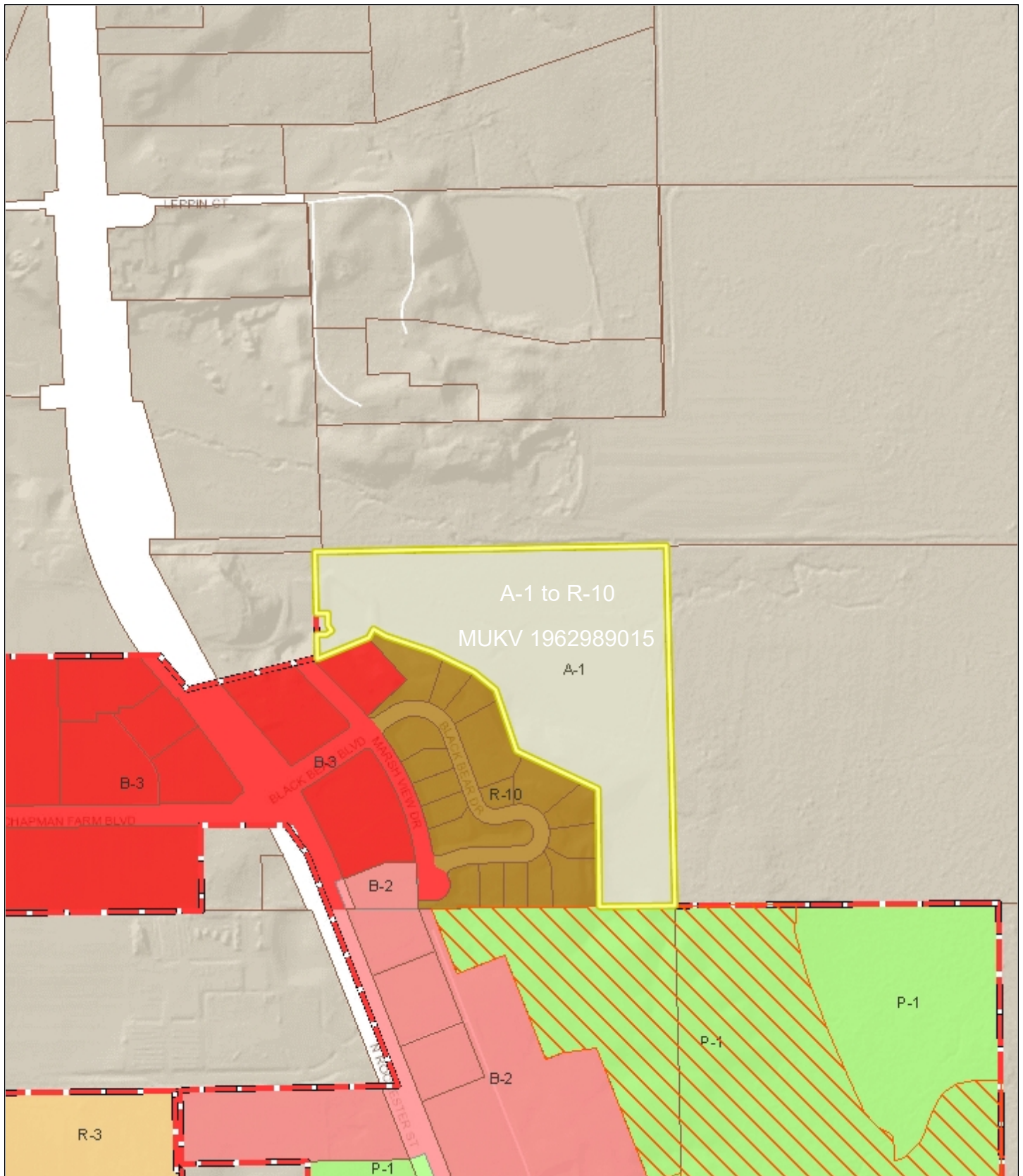
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262-363-6420

Print Date: 1/13/2022



Village of Mukwonago GIS
Black Bear Condo - Zoning

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262-363-6420

Print Date: 1/13/2022

**VILLAGE OF MUKWONAGO
WAUKESHA AND WALWORTH COUNTIES**

ORDINANCE NO. 999

**AN ORDINANCE TO AMEND THE ZONING MAP OF
THE VILLAGE OF MUKWONAGO ON BEHALF OF THE VILLAGE OF
MUKWONAGO FOR MULTIPLE PROPERTIES AND ADDRESSES**

THE VILLAGE BOARD of the Village of Mukwonago, Waukesha and Walworth Counties, Wisconsin, do ordain as follows:

SECTION I. Pursuant to the provision of Article XIII and Section 100.856 of the Municipal Code of the Village of Mukwonago, having received the recommendation of the Village Plan Commission, and after a public hearing duly called and held on the 16th day of March, 2022, the following legally described properties are amended on the Village of Mukwonago Zoning District Map as follows:

From A-1 Agricultural District to P-1 Public and Semipublic District

MUKV1959988010 - S93W30740 HIGHWAY NN

Owner: Village of Mukwonago

LOT 1 CSM #9046 VOL 81/198 REC AS DOC #2589806 PT SW1/4
SEC 22 T5N R18E

MUKV1977999001 - COUNTY ROAD LO

Owner: Village of Mukwonago

PT NE1/4 & SE1/4 SEC 27 T5N R18E; COM E1/4 COR; S89°26'W
1329.98 FT; S 280 FT THE BGN; N 130 FT; N 149.87 FT; S89°26'W
1329.98 FT; N 468.36 FT; N85°38' E 988.68 FT ALG CURVE
272.61 FT; N53°28'E 613.85 FT ALG CURVE N70°48'E 267.27 FT;
N88°09'E 681.58 FT; S 1087.14 FT TO BGN :: DOC #1081540 &
DOC #1081541

MUKV1979995001 – No Address Assigned

Owner: Village of Mukwonago

N1/2 NW1/4 SE1/4 & N1/2 NE1/4 SE1/4 SEC 27 T5N R18E :: DOC
#1714562

MUKV1979989 - COUNTY ROAD LO

Owner: Village of Mukwonago

PT SE1/4 NW1/4 & NE1/4 SW1/4 SEC 27 T5N R18E PCL 6 COM
SW COR SW1/4 N89°42'E 1331.14 FT; N 1313.36 FT; N89°51'E
662.72 FT THE BGN; N89°51'E 668.69 FT; N0°01'E 880.46 FT;
N42°12'E 470.33 FT; N89°59'W 192.72 FT; N0°01'E 468.44 FT;
S87°08'W 623.12 FT; S84°26'W 42.78 FT; S0°08'W 1744.60 FT TO
BGN :: DOC #1334435

**VILLAGE OF MUKWONAGO
WAUKESHA AND WALWORTH COUNTIES**

#VM 00029 – No Address Assigned

Owner: FRIENDS OF EAST TROY RAILROAD MUSEUM INC

PT NW 1/4 SEC 2 T4N R18E DESC AS: COM NW COR NW 1/4 SEC 2, N89D57'56"E 511.92' TO POB, N89D57'56"E 368.09' TO C/L HWY ES, S37D57'05"W 174.79', S56D26'36"W 325.58' TO C/L HWY J, S81D27'48"W 191.41', N30D01'55"E 399.65' TO POB. EXC SLY 33' & ELY 33' FOR HWY. 83357 SQ FT (NET) VILLAGE OF MUKWONAGO ANNEXED UNDER #822030 OMITS P ET 2-3C, P ET 2-3C1 & P ET 2-3D

MUKV2011985 - 1450 MAIN ST

Owner: FRIENDS OF EAST TROY RAILROAD MUSEUM INC

PT SW1/4 SEC 35 T5N R18E; COM AT PT S88°50'E 511.92 FT FROM NW COR SEC 2 T4N R18E; S88°50'E 368.23 FT; N39°09'E 105.89 FT; N55°28'W 290.25 FT; N58°46'W 32.00 FT; S31°14'W 38.00 FT; N58°46'W 11.50 FT; S31°14'W 268.01 FT TO BGN :: DOC# 2018861 & DOC# 2166958

From P-1 Public and Semipublic District to A-1 Agricultural District

A364100001 - 1545 MAIN ST

STRAWBERRY ORCHARDS LLC

LOT 1 CERTIFIED SURVEY NO. 3641 AS RECORDED IN VOL 21 OF C.S. ON PAGE 296 WCR. LOCATED IN NW 1/4 & SW 1/4 NW 1/4 SEC 2 T4N R18E. 163146 SQ FT OUT OF #VM-11

From A-1 Agricultural District /M-2 Light Industrial District /M-4 Medium /Heavy Industrial to A-1 Agricultural District

MUKV 2012994 – Address Not Assigned

HMS PARTNERS LLC

PT SE1/4 SEC 35 T5N R18E; COM SE COR; N0°45'54"E 1872.26 FT; S44°19'29"W 1277.35 FT; S50°02'07"W 201 FT; S44°19'29"W 1107.10 FT; S88°48'46"E 1795.50 FT TO BGN :: EX RR :: DOC #4380104

From R-1 Single Family Community Residential District and P-1 Public and Semipublic District to P-1 Public and Semipublic District

MUKV2134998003 – Address Not Assigned

Owner: Village of Mukwonago

PT NW1/4 SEC 30 T5N R19E :: ALSO PT NE1/4 SEC 25 T5N R18E; COM NW COR SEC 30 N87°15'E 490 FT TO HIGH WATER LI FOX RIVER; SELY ALG RIVER TO W HIGH WATER LI MUKWONAGO RIVER; SLY ALG RIVER TO N LI SE1/4 NW1/4 SEC 30 T5N R19E; S87°46'W 550 FT; S01°21'E 295 FT TO N HIGH WATER LI MUKWONAGO RIVER; SWLY ALG RIVER TO E LI NE1/4 SEC 25 T5N R18E; S01°13'E 270 FT; N89°35'W 1812.71

**VILLAGE OF MUKWONAGO
WAUKESHA AND WALWORTH COUNTIES**

FT; N 600.15 FT; S89°35'E 1463.58 FT; N30°22'W 260.19 FT;
N05°20'E 100.41 FT; N20°46'E 543.27 FT; N74°12'E 173.36 FT;
N60°46'E 287.77 FT; N56°23'E 139.91 FT; N49°04'E 322.08 FT;
N25°32'W 486.51 FT; N65°02'W 247.26 FT; N65°21'W 219.23 FT;
N55°55'E 105.35 FT TO BGN :: EX COM SE COR CSM #7041; N
496.47 FT THE BGN; N 103.67 FT N89°35'E 184.05 FT; S 99.63
FT; S89°08'W 184.01 FT TO BGN :: ALSO EX COM SE COR CSM
#7041; N 600.15 FT; S89°35'E 252.42 FT THE BGN; S89°35'E
20.01 FT; S01°47'E 19.23 FT; S88°12'W 20 FT; N01°47'W 20 FT
TO BGN :: EX CSM #8526 :: ALSO PT SW1/4 NE1/4 SEC 25
T5NR18E; COM SE COR CSM #7041; N00°51'W 600.15 FT;
S89°35'E 252.42 FT THE BGN; S89°35'E 20.01 FT; S01°47'E
19.23 FT; S88°12'W 20.00 FT; N01°47'W 20.00 FT TO BGN :: EX
DOC #2600132 :: DOC #2180797 & DOC #2600131

MUKV1969076 - TWO RIVERS CT
Owner: Village of Mukwonago

OUTLOT 1 TWO RIVERS ADDITION NO 2 PT NE1/4 SEC 25 T5N
R18E & PT NW1/4 SEC 30 T5N R19E :: DOC #2356791

**From R-1 Single Family Community Residential District to P-1 Public and
Semipublic District**

MUKV1969062 – Address Not Assigned
Owner: Village of Mukwonago
OUTLOT 1 TWO RIVERS ADDITION NO 1 PT NE1/4 SEC 25 T5N
R18E :: DOC #2335481

MUKV1969077 No Address Assigned
Owner: Village of Mukwonago
OUTLOT 2 TWO RIVERS ADDITION NO 2 PT NE1/4 SEC 25 T5N
R18E & PT NW1/4 SEC 30 T5N R19E :: DOC #2356791

MUKV2091085002 – Address Not Assigned
WAUKESHA COUNTY
OUTLOT 2 FOX RIVER VIEW PT SW1/4 & SE1/4 SEC 19 & NW1/4
SEC 30 T5N R19E (DEDICATED TO WAUKESHA COUNTY PER
PLAT) :: INCLUDING BURIAL LANDS AS DESCRIBED IN NOTICE
OF LOCATION OF CATALOGUED BURIAL SITE EXECUTED BY
THE STATE HISTORICAL SOCIETY OF WISCONSIN AND
RECORDED AS DOC #3212088

MUKV2091089 – Address Not Assigned
Owner: Village of Mukwonago
OUTLOT 6 FOX RIVER VIEW PT SW1/4 & SE1/4 SEC 19 & NW1/4
SEC 30 T5N R19E :: DOC #3200496

**VILLAGE OF MUKWONAGO
WAUKESHA AND WALWORTH COUNTIES**

From R-1 Single Family Community Residential District and P-1 Public and Semipublic District to R-1 Single Family Community Residential District

MUKV1969025 -416 EASTERN TRL
Owner: CONNIE R COYLE
LOT 18 BLK 6 TWO RIVERS ADDITION NO 1 PT NE1/4 SEC 25
T5N R18E

MUKV1969023 - 426 EASTERN TRL
Owner: JIM DARBY
LOT 16 BLK 6 TWO RIVERS ADDITION NO 1 PT NE1/4 SEC 25
T5N R18E :: DOC #4355641

MUKV1969070 - 1341 TWO RIVERS CT
Owner: ANDREW CIGANEK
LOT 26 BLK 5 TWO RIVERS ADDITION NO 2 PT NE1/4 SEC 25
T5N R18E & PT NW1/4 SEC 30 T5N R19E 0.910 AC DOC#
3715550

MUKV1969069 - 1338 TWO RIVERS CT
Owner: ANDREW R YERGENS & SHELLY A YERGENS JT REV TRUST
LOT 25 BLK 5 TWO RIVERS ADDITION NO 2 PT NE1/4 SEC 25
T5N R18E & PT NW1/4 SEC 30 T5N R19E :: DOC# 4182004

MUKV1969068 - 1332 TWO RIVERS CT
Owner: HARTWIG TRUST
LOT 24 BLK 5 TWO RIVERS ADDITION NO 2 PT NE1/4 SEC 25
T5N R18E & PT NW1/4 SEC 30 T5N R19E 1.366 AC DOC#
3322411

MUKV1969067 - 1326 TWO RIVERS CT
Owner: BRIAN SWIRTH
LOT 23 BLK 5 TWO RIVERS ADDITION NO 2 PT NE1/4 SEC 25
T5N R18E & PT NW1/4 SEC 30 T5N R19E R2885/3305

MUKV1969066 - 1320 TWO RIVERS CT
Owner: LOUIS BURG
LOT 22 BLK 5 TWO RIVERS ADDITION NO 2 PT NE1/4 SEC 25
T5N R18E & PT NW1/4 SEC 30 T5N R19E DOC# 2790910

MUKV1969065 - 1314 TWO RIVERS CT
Owner: MARK A ZABOROWSKI
LOT 21 BLK 5 TWO RIVERS ADDITION NO 2 PT NE1/4 SEC 25
T5N R18E & PT NW1/4 SEC 30 T5N R19E :: DOC# 4143905

MUKV1969064 -1308 TWO RIVERS CT
Owner: KENNETH A WERNER JR
LOT 20 BLK 5 TWO RIVERS ADDITION NO 2 PT NE1/4 SEC 25
T5N R18E & PT NW1/4 SEC 30 T5N R19E DOC# 2815397

**VILLAGE OF MUKWONAGO
WAUKESHA AND WALWORTH COUNTIES**

MUKV1968142 626 TWO RIVERS DR
Owner: GREGORY J WILLETT
LOT 13 BLK 5 TWO RIVERS PT SE1/4 SEC 24 & NE1/4 SEC 25
T5N R18E 1.1297 AC DOC# 3482848

MUKV1968141 630 TWO RIVERS DR
Owner: LUCAS G LEMASTER
LOT 12 BLK 5 TWO RIVERS PT SE1/4 SEC 24 & NE1/4 SEC 25
T5N R18E

MUKV1968140 - 634 TWO RIVERS DR
Owner: SHAWN MCNULTY
LOT 11 BLK 5 TWO RIVERS PT SE1/4 SEC 24 & NE1/4 SEC 25
T5N R18E DOC# 2912593

MUKV1968139 - 638 TWO RIVERS DR
Owner: JASON R PARSELL

LOT 10 BLK 5 TWO RIVERS PT SE1/4 SEC 24 & NE1/4 SEC 25
T5N R18E :: DOC# 4113379

MUKV1968138 - 642 TWO RIVERS DR
Owner: JOHN E LEPINSKI
LOT 9 BLK 5 TWO RIVERS PT SE1/4 SEC 24 & NE1/4 SEC 25
T5N R18E 0.8002 AC DOC# 3632084

MUKV1968137 - 646 TWO RIVERS DR
Owner: BRAD SMITH
LOT 8 BLK 5 TWO RIVERS PT SE1/4 SEC 24 & NE1/4 SEC 25
T5N R18E DOC# 2814156

MUKV1968136 - 650 TWO RIVERS DR
Owner: TIMOTHY MAHER
LOT 7 BLK 5 TWO RIVERS PT SE1/4 SEC 24 & NE1/4 SEC 25
T5N R18E DOC# 2601340

MUKV1968135 - 704 TWO RIVERS DR
Owner: JOAN DUBEY
LOT 6 BLK 5 TWO RIVERS PT SE1/4 SEC 24 & NE1/4 SEC 25
T5N R18E

MUKV1968134 - 712 TWO RIVERS DR
Owner: ROBERT C JOY
LOT 5 BLK 5 TWO RIVERS PT SE1/4 SEC 24 & NE1/4 SEC 25
T5N R18E DOC# 4042130 & DOC# 4082094

MUKV1968133 - 720 TWO RIVERS DR
Owner: JOSEPH KOWALCZYK
LOT 4 BLK 5 TWO RIVERS PT SE1/4 SEC 24 & NE1/4 SEC 25
T5N R18E DOC# 2536266

**VILLAGE OF MUKWONAGO
WAUKESHA AND WALWORTH COUNTIES**

MUKV1968132 - 728 TWO RIVERS DR
Owner: JOHN BUSSE JR
LOT 3 BLK 5 TWO RIVERS PT SE1/4 SEC 24 & NE1/4 SEC 25
T5N R18E DOC# 2676113

MUKV1968131 - 736 TWO RIVERS DR
Owner: CYNTHIA M SCHIFERL
LOT 2 BLK 5 TWO RIVERS PT SE1/4 SEC 24 & NE1/4 SEC 25
T5N R18E :: DOC# 4228964

MUKV1968130 - 744 TWO RIVERS DR
Owner: JONATHAN G HURLEY
LOT 1 BLK 5 & OUTLOT 1 BLK 9 TWO RIVERS PT SE1/4 SEC 24
& NE1/4 SEC 25 T5N R18E DOC# 3899387

**From R-2 Single-Family Village Residential to R-1 Single Family Community
Residential District**

MUKV1974977 – 577 Eagle Lake Ave
Owner: JOSEPH C MENDEZ
PT NW1/4 SEC 26 T5N R18E COM W1/4 POST N 505.56 FT N
566.28 FT N89°E 74.25 FT S 567.60 FT W 74.25 FT TO BGN 0.966
AC ALSO 28 FT STRIP DOC# 3116776

MUKV1974976 – 503 Eagle Lake Ave
Owner: KRISTIN J PETERSON
E 120 FT OF PT NW1/4 SEC 26 T5N R18E COM 505.56 FT N OF
& 74.25 FT E OF W1/4 POST N 567.6 FT N89°E 74.25 FT S 568.92
FT W 74.25 FT TO BGN ALSO COM 505.62 FT N OF & 148.50 FT
E OF W1/4 POST N 568.92 FT N89°E 74.25 FT S 570.24 FT W
74.25 FT TO BGN DOC# 3603451

MUKV1974975 – 493 Eagle Lake Ave
Owner: JASON DREGER
PT NW1/4 SEC 26 T5N R18E COM W1/4 POST N 505.56 FT E
222.55 FT N 570.24 FT N89°E 74.25 FT S 571.56 FT W 74.25 FT
TO BGN DOC# 3057094

MUKV1974974 – 487 Eagle Lake Ave
Owner: TERRY HASS
PT NW1/4 SEC 26 T5N R18E; COM 7 CH 66 LINKS (505.56 FT) N
& 4 CH 50 LINKS (297 FT) E OF W1/4 POST; N 8 CH 66 LINKS
(571.56 FT) TO CNTR OF HWY; N89°E 1 CH 25 LINKS (82.5 FT);
S 8 CH 68 1/4 LINKS (573.04 FT); W 1 CH 25 LINKS (82.5 FT) TO
BGN :: DOC# 4222578

MUKV1974973 – 477 Eagle Lake Ave
Owner: RICHARD R HIERL

**VILLAGE OF MUKWONAGO
WAUKESHA AND WALWORTH COUNTIES**

PT NW1/4 SEC 26 T5N R18E; COM AT POINT 505.56 FT N & 379.50 FT E OF 1/4 POST ON W SI OF SAID SEC 26; N PARALLEL TO W LI OF SEC 573.04 FT TO CTR OF HWY; N89°E IN CTR OF HWY 82.50 FT; S PARALLEL TO W LI OF SEC 574.53 FT; W 82.50 FT TO BGN :: DOC #4379879

MUKV1974972 – 467 Eagle Lake Ave

Owner: CRAIG WILSON

PT NW1/4 SEC 26 T5N R18E COM 505.56 FT N & 462.00 FT E OF W1/4 POST N 574.53 FT N89°E 82.50 FT S 577.99 FT W 82.50 FT TO BGN DOC# 3170440

MUKV1974971 – 459 Eagle Lake Ave

Owner: DANIEL LEISTER

PT NW1/4 SEC 26 T5N R18E COM W1/4 POST N 505.56 FT E 544.50 FT N 576.01 FT N89°E 82.50 FT S 577.50 FT W 82.50 FT TO BGN DOC# 3951221

MUKV1974970- No Address

Owner: WAUKESHA COUNTY

PT NW1/4 SEC 26 T5N R18E COM W1/4 POST N 505.56 FT E 627 FT N 577.50 FT S81 E 76.56 FT S 566.28 FT W 75.90 FT TO BGN 0.715 AC EX R24/71 R999/268

MUKV1974969 – 512 Bay St

Owner: NICHOLAS K NEWBY

PT NW1/4 SEC 26 T5N R18E COM 505.56 FT N & 627 FT E OF W1/4 POST N 130.02 FT E 75.90 FT S 130.02 FT W 75.90 FT TO BGN DOC# 4039326 & DOC# 4043584

MUKV1974985 – 430 Eagle Lake Ave

Owner: DEBBIE D JAMES

PT NW1/4 SEC 26 T5N R18E; COM NW COR; S 1/2°W 883.08 FT; N89°30'E 726 FT THE BGN; S 1/2°W 676.5 FT; S86°E 92.6 FT; N 1/2°E 684.5 FT; S89°30'W 92.42 FT TO BGN :: DOC# 4131729 & DOC# 4170782

MUKV1974984 – 440 Eagle Lake Ave

Owner: ROSS PILAK

T NW1/4 SEC 26 T5N R18E; COM AT PT CTR OF HWY 16.24 CH (1071.84') N OF 1/4 POST W SI SEC 26 & 11 CH (726') N89°E OF W LI SEC 26; N 10 CH (660'); S89°W 100 FT; S 10 CH (660') TO CNTR OF HWY; N89°E 100 FT TO BGN :: DOC #4343503

MUKV1974983 – 450 Eagle Lake Ave

Owner: RAYMOND SCHMIDT

PT NW1/4 SEC 26 T5N R18E; COM IN CTR OF HWY 16 CHAINS & 24 LINKS (1071.84 FT) N OF W1/4 POST & 6 CHAINS (396 FT) N89°E FROM W LI SEC 26; N89°E 175 FT THE BGN; N 250 FT;

**VILLAGE OF MUKWONAGO
WAUKESHA AND WALWORTH COUNTIES**

S89°W 100 FT; N 410 FT; N89°E 155 FT; S 660 FT; S89°W 55 FT
TO BGN :: DOC# 4230284

MUKV1974982 – 460 Eagle Lake Ave

Owner: JOHN W STRIZIC

PT NW1/4 SEC 26 T5N R18E COM 1071.84 FT N OF W1/4 POST
& 396.00 FT N89° E FROM W SEC LI; N89° E 75 FT THE BGN; N
250 FT; N89° E 100 FT; S 250 FT; S89° W 100 FT TO BGN DOC#
4067838

MUKV1974981 - 470 EAGLE LAKE AVE

Owner: JOHN W STRIZIC

PT NW1/4 SEC 26 T5N R18E COM 1071.84 FT N OF W1/4 POST
& 396.00 FT N89° E FROM W SEC LI; N 660.00 FT; N89° E 75 FT;
S 660 FT; S89° W 75 FT TO BGN DOC# 4067838

MUKV1974980 490 EAGLE LAKE AVE

Owner: NYSSE REVOCABLE TRUST

PT NW1/4 SEC 26 T5N R18E; COM AT A POINT ON W LI OF
SAID 1/4 SEC N 1071.84 FT FROM THE W1/4 POST OF SAID
SEC; N89°35'36"E ALG CNTR LI OF HWY 252.0 FT THE BGN;
N89°35'36"E ALG SAID CNTR LI 144.0 FT; N & PARALLEL TO W
LI OF SAID 1/4 SEC 268.0 FT; S89°35'36"W 144.0 FT; S 268.0 FT
TO BGN

MUKV1974979004 500 EAGLE LAKE AVE

Owner: MARY JO LA TONA

LOT 4 CSM #9632 VOL 88/277 REC AS DOC #3066849 PT NW1/4
SEC 26 T5N R18E

MUKV1974979003 618 MEADOW VIEW CT

Owner: ALAN FORD

LOT 3 CSM #9632 VOL 88/277 REC AS DOC #3066849 PT NW1/4
SEC 26 T5N R18E

MUKV1974979002 612 MEADOW VIEW CT

Owner: ANDREW GRIPPEN

LOT 2 CSM #9632 VOL 88/277 REC AS DOC #3066849 PT NW1/4
SEC 26 T5N R18E :: DOC #4345683

MUKV1974979001 606 MEADOWVIEW CT

Owner: JEFFREY SCOTT RUDOLPH

LOT 1 CSM #9632 VOL 88/277 REC AS DOC #3066894 PT NW1/4
SEC 26 T5N R18E :: DOC #4348624

From A-1 Agricultural District to R-10 Multi Family District

MUKV1962989015

**VILLAGE OF MUKWONAGO
WAUKESHA AND WALWORTH COUNTIES**

Owner: LOT OWNERS OF THE GLEN OF MUKWONAGO
CONDOMINIUM
1ST ADDENDUM TO CONDOMINIUM PLAT OF THE GLEN OF
MUKWONAGO (PHASE 1) EX UNITS 37 & 38 PT NW1/4 SEC 23
T5N R18E

SECTION II: The above referenced legal descriptions are graphically provided within attached Exhibit A.

SECTION III. All Ordinances or parts of Ordinances contravening the terms and conditions of this Ordinance are hereby to that extent repealed.

SECTION IV. Severability. If any portion of this Ordinance is invalid or unconstitutional, or the application of this Ordinance to any person or circumstances is invalid or unconstitutional, such invalidity or unconstitutionality shall not affect the other provisions or applications of this Ordinance which can be given effect without the invalid or unconstitutional provisions or applications.

SECTION V. Effective Date. This Ordinance shall take effect upon passage and publication as provided by law.

The remainder of this page left intentionally blank.

**VILLAGE OF MUKWONAGO
WAUKESHA AND WALWORTH COUNTIES**

PASSED AND ADOPTED by the Village Board this _____ day of _____, 2022.

APPROVED:

Fred Winchowky, Village President

Countersigned:

Diana Dykstra, Village Clerk/Treasurer



PLANNING COMMISSION

February 8, 2021 at 6:30pm
Mukwonago, WI

Ordinance – Solar Panels

Modifications of Chapter 100 Regarding Solar Panel Standards and Approval Processes

Project Summary

The Village of Mukwonago zoning code has not been updated or revised in a significant period of time. Currently the zoning code is being updated. This process began in 2021 and it is anticipated to be complete in 2023.

Currently there are number of property owners seeking approval for solar panels within the Village. Applicants apply for a building permit and if they are not visible from the street then permits are issued by inspections. However, there are a number of properties who are requesting solar panel approval that are visible from the street.

Multiple sections of the zoning code state that *“both roof mounted and as a accessory structure are permitted provided they comply with all yard and height requirements for the district in which they are located, are screened from street view, and received prior plan commission approval and a permit from the building inspector.”*

The complexity of these ordinance sections is the “screened from view” and well as the additional burden of having to get approval from the planning commission.

To address these two sections staff has drafted a proposed ordinance for the short term until the full zoning code update is able to be competed and adopted. This draft ordinance simply makes solar collectors and accessory use to the primary use in each district and removes the screening, as well as planning commission approval.

Draft Ordinance

Note: ~~Crossed out~~ = text removed Underlined = text added

100-71 (2) d. ~~Roof-mounted solar collectors, which do not detract from the appearance of the structure, provided that the location of the collector is approved by the board of zoning and building appeals.~~

100-101 (2) c. ~~Solar collectors, both roof mounted and as an accessory structure are permitted provided they comply with all yard and height requirements for the district in which they are located, are screened from street view, and receive prior plan commission approval and a permit from the Building Inspector.~~

100-102 (2) c. ~~Solar collectors, both roof mounted and as an accessory structure are permitted provided they comply with all yard and height requirements for the district in which they are~~

~~located, are screened from street view, and receive prior plan commission approval and a permit from the Building Inspector.~~

- 100-103 (2) c. ~~Solar collectors, both roof mounted and as an accessory structure are permitted provided they comply with all yard and height requirements for the district in which they are located, are screened from street view, and receive prior plan commission approval and a permit from the Building Inspector.~~
- 100-107 (2) c. ~~Solar collectors, both roof mounted and as an accessory structure are permitted provided they comply with all yard and height requirements for the district in which they are located, are screened from street view, and receive prior plan commission approval and a permit from the Building Inspector.~~
- 100-108 (2) c. ~~Solar collectors, both roof mounted and as an accessory structure are permitted provided they comply with all yard and height requirements for the district in which they are located, are screened from street view, and receive prior plan commission approval and a permit from the Building Inspector.~~
- 100-109 (2) c. ~~Solar collectors, both roof mounted and as an accessory structure are permitted provided they comply with all yard and height requirements for the district in which they are located, are screened from street view, and receive prior plan commission approval and a permit from the Building Inspector.~~
- 100-105 (2) c. ~~Solar collectors, both roof mounted and as an accessory structure are permitted provided they comply with all yard and height requirements for the district in which they are located, are screened from street view, and receive prior plan commission approval and a permit from the Building Inspector.~~
- 100-110 (2) c. ~~Solar collectors, both roof mounted and as an accessory structure are permitted provided they comply with all yard and height requirements for the district in which they are located, are screened from street view, and receive prior plan commission approval and a permit from the Building Inspector.~~
- 100-115 (2) c. ~~Solar collectors, both roof mounted and as an accessory structure are permitted provided they comply with all yard and height requirements for the district in which they are located, are screened from street view, and receive prior plan commission approval and a permit from the Building Inspector.~~
- 100-155 (2) d. ~~Solar collectors, only as a conditional use.~~
- 100-156 (2) e. ~~Solar collectors, only as a conditional use.~~

Recommendation

Staff recommend the planning commission recommend to the Village board the adoption of an ordinance as drafted.

Attachments

1. Ordinance

**VILLAGE OF MUKWONAGO
WAUKESHA AND WALWORTH COUNTIES**

ORDINANCE NO. 1000

**AN ORDINANCE TO AMEND THE ZONING CODE RELATED TO SOLAR
PANELS IN MULTIPLE ZONING DISTRICTS WITHIN THE VILLAGE OF
MUKWONAGO, WISCONSIN**

The Village Board of the Village of Mukwonago, Wisconsin, do ordain as follows:

SECTION I.

Pursuant to the recommendation of the Village Plan Commission, and after a public hearing duly called and held on the 16th day of February 2022, that Chapter 100 Zoning Code, Article II District Regulations of the Municipal Code of the Village of Mukwonago, Wisconsin is amended as follows:

DIVISION 2 AGRICULTURAL DISTRICT

Section 100-71 A-1 agricultural district.

(a) (2) Permitted accessory uses.

~~d. Roof-mounted solar collectors, which do not detract from the appearance of the structure, provided that the location of the collector is approved by the board of zoning and building appeals.~~

DIVISION 3 RESIDENTIAL DISTRICTS

Section 100-101 R-1 single family medium lot residential district.

(a) (2) Permitted accessory uses.

~~c. Solar collectors, both roof mounted and as an accessory structure are permitted provided they comply with all yard and height requirements for the district in which they are located, are screened from street view, and receive prior plan commission approval and a permit from the Building Inspector.~~

Section 100-102 R-2 single family historical lot residential district.

(a) (2) Permitted accessory uses.

~~c. Solar collectors, both roof mounted and as an accessory structure are permitted provided they comply with all yard and height requirements for the district in which they are located, are screened from street view, and receive prior plan commission approval and a permit from the Building Inspector.~~

Section 100-103 R-3 single family lot residential district.

(a) (2) Permitted accessory uses.

~~c. Solar collectors, both roof mounted and as an accessory structure are permitted provided they comply with all yard and height requirements for the district in which they are located, are screened from street view, and receive prior plan commission approval and a permit from the Building Inspector.~~

**VILLAGE OF MUKWONAGO
WAUKESHA AND WALWORTH COUNTIES**

Section 100-105 R-5 low density multi-family residential district.

(a) (2) Permitted accessory uses.

c. Solar collectors, ~~both roof mounted and as an accessory structure are permitted provided they comply with all yard and height requirements for the district in which they are located, are screened from street view, and receive prior plan commission approval and a permit from the Building Inspector.~~

Section 100-107 R-7 single family intermediate lot residential district.

(a) (2) Permitted accessory uses.

c. Solar collectors, ~~both roof mounted and as an accessory structure are permitted provided they comply with all yard and height requirements for the district in which they are located, are screened from street view, and receive prior plan commission approval and a permit from the Building Inspector.~~

Section 100-108 R-8 single family executive large lot residential district.

(a) (2) Permitted accessory uses.

c. Solar collectors, ~~both roof mounted and as an accessory structure are permitted provided they comply with all yard and height requirements for the district in which they are located, are screened from street view, and receive prior plan commission approval and a permit from the Building Inspector.~~

Section 100-109 R-9 single family rural residential district.

(a) (2) Permitted accessory uses.

c. Solar collectors, ~~both roof mounted and as an accessory structure are permitted provided they comply with all yard and height requirements for the district in which they are located, are screened from street view, and receive prior plan commission approval and a permit from the Building Inspector.~~

Section 100-110 R-10 medium density multi-family residential district.

(a) (2) Permitted accessory uses.

c. Solar collectors, ~~both roof mounted and as an accessory structure are permitted provided they comply with all yard and height requirements for the district in which they are located, are screened from street view, and receive prior plan commission approval and a permit from the Building Inspector.~~

Section 100-115 R-15 high density multi-family residential district.

(a) (2) Permitted accessory uses.

c. Solar collectors, ~~both roof mounted and as an accessory structure are permitted provided they comply with all yard and height requirements for the district in which they are located, are screened from street view, and receive prior plan commission approval and a permit from the Building Inspector.~~

DIVISION 4 BUSINESS DISTRICTS

Section 100-155 B-4 commercial business design district.

(k) (2) Permitted accessory buildings, structures, and uses:

d. Solar collectors, ~~only as a conditional use.~~

Section 100-156 B-5 planned business and light industrial development district.

(k) (2) Permitted accessory buildings, structures, and uses:

**VILLAGE OF MUKWONAGO
WAUKESHA AND WALWORTH COUNTIES**

- e. Solar collectors, ~~only as a conditional use.~~

SECTION II.

All Ordinances or parts of Ordinances contravening the terms and conditions of this Ordinance are hereby to that extent repealed.

SECTION III.

If any portion of this Ordinance is invalid or unconstitutional, or the application of this Ordinance to any person or circumstances is invalid or unconstitutional, such invalidity or unconstitutionality shall not affect the other provisions or applications of this Ordinance which can be given effect without the invalid or unconstitutional provisions or applications.

SECTION IV

This Ordinance shall take effect upon passage and publication as provided by law, and the Village Clerk shall so amend the Code of Ordinances of the Village of Mukwonago and shall indicate the date and number of this amending ordinances therein.

PASSED AND ADOPTED by the Village Board this 16th day of February, 2022.

APPROVED:

Fred Winchowky, Village President

Countersigned:

Diana Dykstra, Village Clerk/Treasurer



PLANNING COMMISSION

**February 8, 2021 at 6:30pm
Mukwonago, WI**

PC - Resolution VB - Ordinance

**Minor Amendment to the Comprehensive Plan
related to Parcel Numbers #VM00029 and MUKV2011985**

Project Summary

The Village of Mukwonago zoning code has not been updated or revised in a significant period of time. Currently the zoning code is being updated. This process began in 2021 and it is anticipated to be complete in 2023.

The consultants and staff have reviewed both the Comprehensive Plan (Land Use Plan) and the Zoning Map. Upon our review we found two minor items for consideration with regard to the Comprehensive Plan. These two items relate to the #VM00029 and MUKV2011985 which are both owned by the East Troy Railroad where they organization has their maintenance facility.

Currently, the Comprehensive Plan (Land Use Plan) list these two parcels as Low Intensity Commercial/ Business. These parcels based upon their current use and their anticipated long-term use as part of the historic rail system, should in staff's opinion be listed as Government and Institutional.

This land use classification will allow for a more logical mapping of the zoning map to institutional thus allowing for such an operation to continue as a conforming use.

Recommendation

Staff recommend the planning commission recommend to the Village board the adoption of an ordinance as drafted.

Attachments

1. Ordinance



Village of Mukwonago GIS Land Use Plan Amendment - Aerial

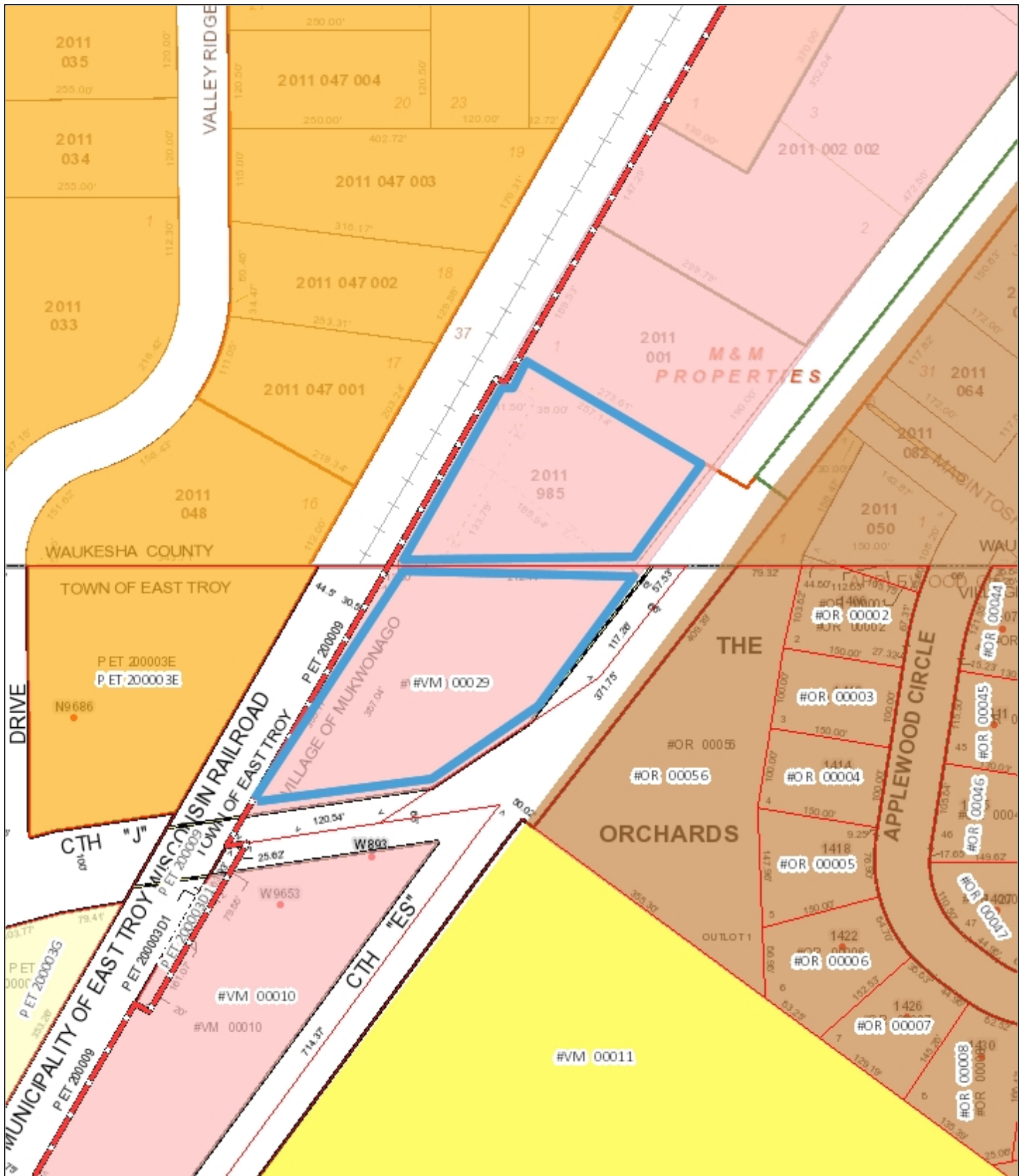
DISCLAIMER: The Village of Mukwonago does not guarantee the accuracy of the material contained here in and is not responsible for any misuse or misrepresentation of this information or its derivatives.



SCALE: 1" = 167'

VILLAGE OF MUKWONAGO
440 River Crest Court
PO Box 206
Mukwonago, WI 53149
262-363-6420

Print Date: 1/31/2022



Village of Mukwonago GIS Land Use Plan Amendment - Land Use

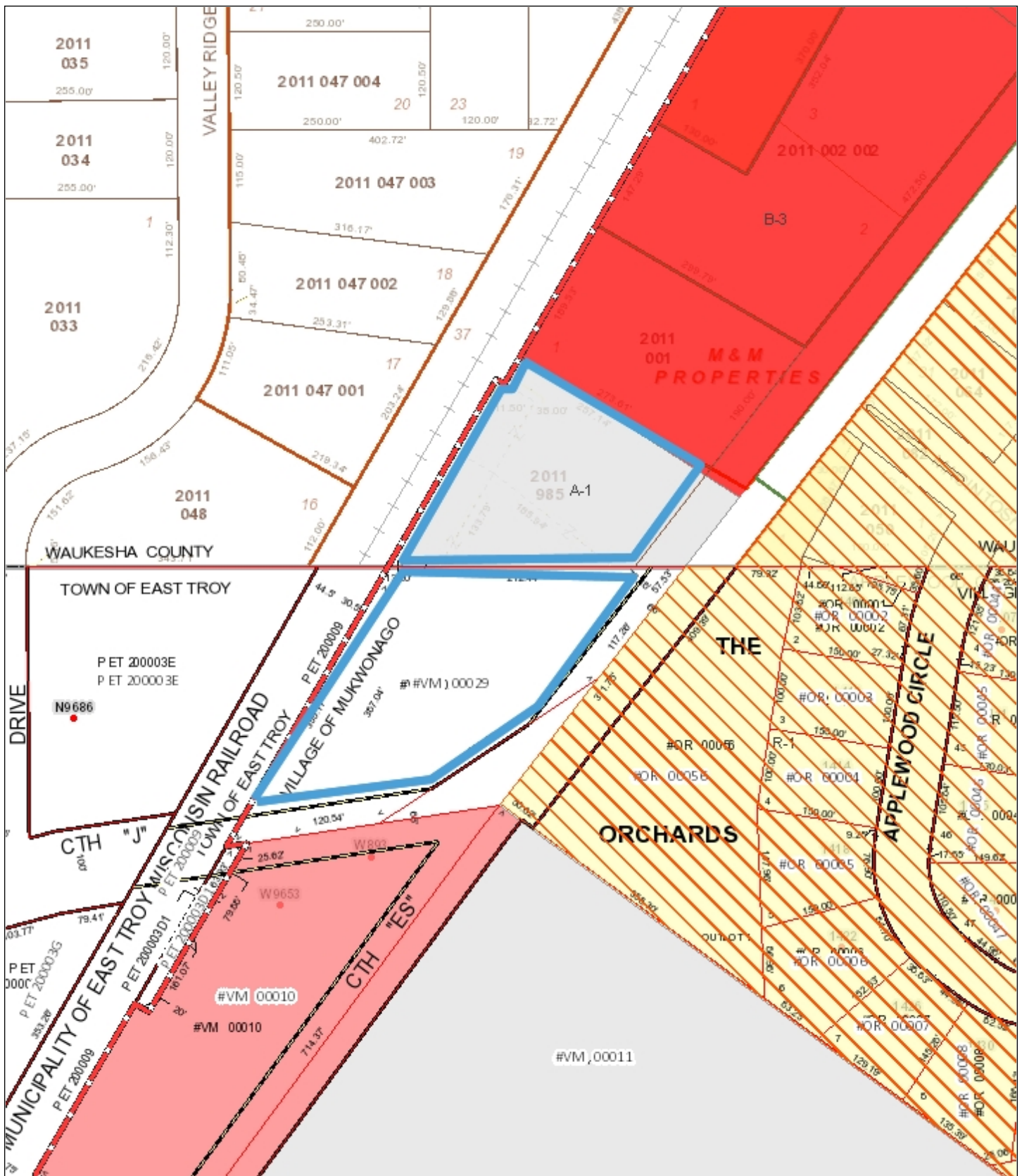
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Village of Mukwonago GIS Land Use Plan Amendment - Zoning

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SCALE: 1" = 167'

VILLAGE OF MUKWONAGO
440 River Crest Court
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Mukwonago, WI 53149
262-363-6420

Print Date: 1/31/2022

**VILLAGE OF MUKWONAGO
WAUKESHA AND WALWORTH COUNTIES**

PLAN COMMISSION RESOLUTION NO. PC- 2022-01

**A RESOLUTION OF THE VILLAGE OF MUKWONAGO PLAN COMMISSION
RECOMMENDING TO THE VILLAGE BOARD VARIOUS REVISIONS TO THE
COMPREHENSIVE PLAN (LAND USE MAP) RELATING TO PARCEL NUMBERS
#VM 00029 and MUKV2011985**

WHEREAS, the Village Board is authorized by state law to adopt a comprehensive plan as defined in Sections 66.1001(1)(a) and 66.1001(2), Wis. Stats.; and

WHEREAS, the Village Board, upon recommendation of the Village Plan Commission, adopted a comprehensive plan on October 6, 2009; and

WHEREAS, the Village Board upon recommendation of the Village Plan Commission, Adopted an Update to the Comprehensive Plan 2035 on November, 29, 2016; and

WHEREAS, the Village Board is authorized to amend the adopted comprehensive plan from time to time, upon recommendation of the Village Plan Commission; and

WHEREAS, the Village Board adopted a public participation plan that describes the way in which Village residents and other interested parties can participate in the revision of the adopted comprehensive plan; and

WHEREAS, The Village has embarked upon a zoning code rewrite and prior to completion of the text and map has determined a number of inconsistencies between the actual land use, the land use plan, and zoning; on parcels identified by parcel numbers #VM 00029 and MUKV2011985 to amend the future land use map (Map 9) and the Southwest Key Area Map (Map 7) of the adopted comprehensive plan by change the classification from Low Intensity Commercial/ Business to Government and Institutional.

WHEREAS, the proposed revisions constitute a minor amendment as set forth in the adopted public participation plan; and

WHEREAS, the Village Plan Commission at their meeting on February 8, 2022 has determined that additional opportunities for public participation (aside from the public hearing to be conducted by the Village Board) are not needed for this minor amendment owing to the limited nature of the request; and

WHEREAS, the Village Plan Commission considered this resolution at their meeting on February 8, 2022, and found it to be a desirable change; and

NOW, THEREFORE, the Plan Commission of the Village of Mukwonago, Waukesha and Walworth Counties, does hereby ordain as follows:

SECTION I: The Comprehensive Plan for the Village of Mukwonago entitled "Comprehensive Plan 2035 for the Village of Mukwonago" should be amended as follows:

**VILLAGE OF MUKWONAGO
WAUKESHA AND WALWORTH COUNTIES**

- A. Map 9, "Land Use 2035", should be amended by adding a "Government and Institutional" to Parcel Number VM 00029 and MUKV2011985
- B. Map 7, " Southwest Key Area Map ", should be amended by adding "Government and Institutional" to Parcel Number VM 00029 and MUKV2011985
- C. This amendment shall take precedence to any conflict that may arise between other Comprehensive Plan policies and presentation of projected number of dwelling units and population within the Comprehensive Plan calculated based on the prior land use designation of the area subject to this amendment.

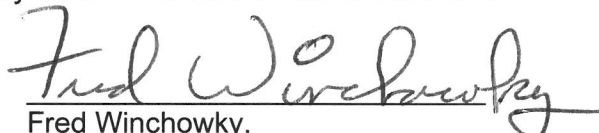
SECTION II. All Resolutions or parts of Resolutions contravening the terms and conditions of this Resolution are hereby to that extent repealed.

SECTION III: SEVERABILITY. The several sections of this resolution are declared to be severable. If any section or portion thereof shall be declared by a court of competent jurisdiction to be invalid, unlawful or unenforceable, such decisions shall apply only to the specific section or portion thereof directly specified in the decision and shall not affect the validity of any other provisions, section or portions thereof of the ordinance. The remainder of the resolution shall remain in full force and effect. Any other resolutions whose terms are in conflict with the provisions of this resolution are hereby repealed as to those terms that conflict.

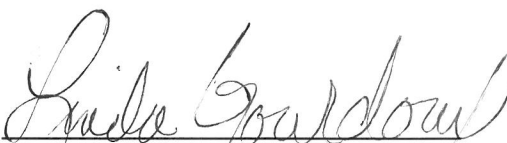
Passed and adopted this 8th day of February 2022. VILLAGE OF MUKWONAGO



By:


Fred Winchowky,
Plan Commission Chairman

Attest:


Linda Gourdoux, WCMC
Deputy Village Clerk

**VILLAGE OF MUKWONAGO
WAUKESHA AND WALWORTH COUNTIES**

ORDINANCE NO. 1001

AN ORDINANCE TO AMEND THE COMPREHENSIVE PLAN

The Village Board of the Village of Mukwonago, Waukesha and Walworth Counties, Wisconsin, do ordain as follows:

Whereas, the Village of Mukwonago has by ordinance established Plan Commission for the Village of Mukwonago empowered to make and adopt a master plan for the physical development of the Village Pursuant to the Wisconsin Statutes Section 62.23 (2) and (3); and

Whereas, the Village of Mukwonago adopted a Comprehensive / Master Plan for the Village of Mukwonago via Ordinance No. 824 on October 6, 2009 and subsequently amended on several occasions to meet the particular needs of the Village; and

Whereas, per the adopted public participation plan (Resolution 2016-004) minor amendments may be recommended by the Planning Commission after adoption of a resolution and adopted by the Village Board by ordinance after holding a public hearing; and

WHEREAS, the Village Plan Commission at their meeting on February 8, 2022 has determined that additional opportunities for public participation (aside from the public hearing to be conducted by the Village Board) are not needed for this minor amendment owing to the limited nature of the request; and

WHEREAS, The Village has embarked upon a zoning code rewrite and prior to completion of the text and map has determined a number of inconsistencies between the actual land use, the land use plan, and zoning; on parcels identified by parcel numbers #VM 00029 and MUKV2011985 to amend the future land use map (Map 9) and the Southwest Key Area Map (Map 7) of the adopted comprehensive plan by change the classification from Low Intensity Commercial/ Business to Government and Institutional.

Whereas, the Village Board hosted a public hearing on March 16, 2022 for additional citizen comment in accordance with Wisconsin Statutes Section 66.1001; and

Whereas, The Village Board by adoption of this ordinance is ratifying all previous amendments to the comprehensive plan approved by the planning commission and approved by resolution; and

WHEREAS, the Village Plan Commission considered this resolution at their meeting on February 8, 2022, and found it to be a desirable change; and

**VILLAGE OF MUKWONAGO
WAUKESHA AND WALWORTH COUNTIES**

NOW, THEREFORE, the Village Board of Trustees of the Village of Mukwonago, Waukesha and Walworth Counties, does hereby ordain as follows:

SECTION I: The Comprehensive Plan for the Village of Mukwonago entitled "Comprehensive Plan 2035 for the Village of Mukwonago" shall be amended as follows:

- A. Map 9, "Land Use 2035", should be amended by adding a "Government and Institutional" to Parcel Number VM 00029 and MUKV2011985
- B. Map 7, " Southwest Key Area Map ", should be amended by adding "Government and Institutional" to Parcel Number VM 00029 and MUKV2011985
- C. This amendment shall take precedence to any conflict that may arise between other Comprehensive Plan policies and presentation of projected number of dwelling units and population within the Comprehensive Plan calculated based on the prior land use designation of the area subject to this amendment.

SECTION II. All Ordinances or parts of Ordinances contravening the terms and conditions of this Ordinances are hereby to that extent repealed.

SECTION III: SEVERABILITY. The several sections of this ordinances are declared to be severable. If any section or portion thereof shall be declared by a court of competent jurisdiction to be invalid, unlawful or unenforceable, such decisions shall apply only to the specific section or portion thereof directly specified in the decision, and shall not affect the validity of any other provisions, section or portions thereof of the ordinance. The remainder of the ordinances shall remain in full force and effect. Any other ordinances whose terms are in conflict with the provisions of this ordinances are hereby repealed as to those terms that conflict.

Passed and adopted this ____ day of ____ 2022. VILLAGE OF MUKWONAGO

By: _____
Fred Winchowky, Village President

Attest: _____
Diana Dykstra., Village Clerk



PLANNING COMMISSION

February 8, 2021 at 6:30pm
Mukwonago, WI

Zoning Text Amendment

AN ORDINANCE TO REPEAL AND RECREATE DIVISION 7 FLOODPLAIN DISTRICT AND STANDARDS (SECTIONS 100-271 THROUGH 100-281) OF MUNICIPAL CODE VILLAGE OF MUKWONAGO

Project Summary

The Village received a Letter of Final Determination (LFD) from the Federal Emergency Management Agency (FEMA) regarding the updated Flood Insurance Rate Maps (FIRM) for Walworth County in November of 2021.

As part of the map changes, the Village will need to update the local floodplain zoning ordinance by April 6, 2022. The Department of Natural Resources (DNR) has been assisting with this process. The DNR has provided a draft ordinance to be adopted. This ordinance has a few options and blanks to be filled in by each municipality. This draft has been reviewed and discussed with the Village Legal council and the draft that is attached has been reviewed by both the DNR and Attorney.

This ordinance has the same sections as our existing ordinance, however there are portions of the text that have become more clear or additional language has been added.

As note above the Village is required to approve this ordinance by April 6, 2022.

If the Village does not pass the attached ordinance the Village will no longer be participating in the Flood Insurance program. The results of not participating are that residence of the Village would not be able to apply for flood insurance. This is an important ordinance for a community like Mukwonago as we have two rivers, one lake, a marsh, and multiple other areas like wetlands that can flood. Thus, this program is important for many of the property owners and residents of the community as well as assisting with regulatory standards for development.

Recommendation

Staff recommend the planning commission recommend to the Village board the adoption of the ordinance as drafted.

Attachments

1. Ordinance

**VILLAGE OF MUKWONAGO
WAUKESHA AND WALWORTH COUNTIES**

ORDINANCE NO. 1002

**AN ORDINANCE TO REPEAL AND RECREATE DIVISION 7 FLOODPLAIN
DISTRICT AND STANDARDS (SECTIONS 100-271 THROUGH 100-281) OF
MUNICIPAL CODE VILLAGE OF MUKWONAGO**

THE VILLAGE BOARD of the Village of Mukwonago, Waukesha and Walworth Counties, Wisconsin, do ordain as follows:

SECTION I. Pursuant to the provision of Article XIII and Section 100.856 of the Municipal Code of the Village of Mukwonago, having received the recommendation of the Village Plan Commission, and after a public hearing duly called and held on the 16th day of February 2022, that Division 7, Sections 100-271 through 281 of the Municipal Code of the Village of Mukwonago, Wisconsin, is hereby repealed and recreated as follows: . . .

**100-271 STATUTORY AUTHORIZATION, FINDING OF FACT, STATEMENT OF
PURPOSE, TITLE AND GENERAL PROVISIONS**

1.1 STATUTORY AUTHORIZATION

This ordinance is adopted pursuant to the authorization in s. 61.35 and 62.23, for villages and cities and the requirements in s. 87.30, Stats.

1.2 FINDING OF FACT

Uncontrolled development and use of the floodplains and rivers of this municipality would impair the public health, safety, convenience, general welfare and tax base.

1.3 STATEMENT OF PURPOSE

This ordinance is intended to regulate floodplain development to:

- (1) Protect life, health and property;
- (2) Minimize expenditures of public funds for flood control projects;
- (3) Minimize rescue and relief efforts undertaken at the expense of the taxpayers;
- (4) Minimize business interruptions and other economic disruptions;
- (5) Minimize damage to public facilities in the floodplain;
- (6) Minimize the occurrence of future flood blight areas in the floodplain;
- (7) Discourage the victimization of unwary land and homebuyers;
- (8) Prevent increases in flood heights that could increase flood damage and result in conflicts between property owners; and

**VILLAGE OF MUKWONAGO
WAUKESHA AND WALWORTH COUNTIES**

- (9) Discourage development in a floodplain if there is any practicable alternative to locate the activity, use or structure outside of the floodplain.

1.4 TITLE

This ordinance shall be known as the Floodplain Zoning Ordinance for Village of Mukwonago, Wisconsin.

1.5 GENERAL PROVISIONS

(1) **AREAS TO BE REGULATED**

This ordinance regulates all areas of special flood hazard identified as zones A, AO, AH, A1-30, or AE on the Flood Insurance Rate Map. Additional areas identified on maps approved by the Department of Natural Resources (DNR) and local community may also be regulated under the provisions of this ordinance, where applicable.

(2) **OFFICIAL MAPS & REVISIONS**

Special Flood Hazard Areas (SFHA) are designated as zones A, A1-30, AE, AH, or AO on the Flood Insurance Rate Maps (FIRMs) based on flood hazard analyses summarized in the Flood Insurance Study (FIS) listed in subd. (a) below. Additional flood hazard areas subject to regulation under this ordinance are identified on maps based on studies approved by the DNR and listed in subd. (b) below. These maps and revisions are on file in the office of the ***Village Clerk (Village of Mukwonago)***.

(a) **OFFICIAL MAPS**: Based on the Flood Insurance Study (FIS):

1. Flood Insurance Rate Map (FIRM) for Walworth County, panel numbers 55127C0104E and 55127C0110E, dated 04/06/2022;
2. Flood Insurance Rate Map (FIRM) for Waukesha County, panel numbers 55133C0314G, 55133C0318G, 55133C0426G, 55133C0427G, and 55133C0431G, dated 11/05/2014;
3. Flood Insurance Study (FIS) for Walworth County, 55127CV001C and 55127CV002C, dated 04/06/2022.
4. Flood Insurance Study (FIS) for Waukesha County, 55133CV001C dated 11/5/2014.

Approved by: The DNR and FEMA

(b) **OFFICIAL MAPS**: Based on other studies. Any maps referenced in this section must be approved by the DNR and be more restrictive than those based on the FIS at the site of the proposed development.

1. Lake Beulah Dam Failure analysis approved by the Department of Natural Resources on December 1, 2004, including:
 - Map dated June 6, 2004 and titled "Lake Beulah Dam".

**VILLAGE OF MUKWONAGO
WAUKESHA AND WALWORTH COUNTIES**

- Floodway data table dated June 6, 2004 and titled "Lake Beulah NWS Parameter Estimates".
 - Flood profiles dated June 6, 2004 and titled "Lake Beulah NWS Parameter Estimates".
2. Lower Phantom Dam Failure Analysis approved by the Department of Natural Resources on July 11, 2012 including:
- Map dated June 28, 2012 and titled "Inundation Map Hydraulic Shadow – Dam Failure".
 - Floodway data table dated June 27, 2012 and titled "Mukwonago River, Waukesha Co., Wisconsin. Mukwonago Dam Hydraulic Shadow Floodway Data Table."
 - Flood profiles dated June 27, 2012 and titled "Dam Failure, 100-year Flood Profile".
3. Waukesha County, Village of Mukwonago Flood Storage District, Panel 11 of 12, Effective November 5, 2014.
- (3) ESTABLISHMENT OF FLOODPLAIN ZONING DISTRICTS
- The flood hazard areas regulated by this ordinance are divided into districts as follows:
- (a) The Floodway District (FW), is the channel of a river or stream and those portions of the floodplain adjoining the channel required to carry the regional floodwaters, within AE Zones as shown on the FIRM, or within A Zones shown on the FIRM when determined according to s. 5.1(5).
 - (b) The Floodfringe District (FF) is that portion of a riverine special flood hazard area outside the floodway within AE Zones on the FIRM, or, when floodway limits have been determined according to s. 5.1(5), within A Zones shown on the FIRM.
 - (c) The General Floodplain District (GFP) is those riverine areas that may be covered by floodwater during the regional flood in which a floodway boundary has not been delineated on the FIRM and also includes shallow flooding areas identified as AH and AO zones on the FIRM.
 - (e) The Flood Storage District (FSD) is that area of the floodplain where storage of floodwaters is calculated to reduce the regional flood discharge.

(4) LOCATING FLOODPLAIN BOUNDARIES

Discrepancies between the exterior boundaries of zones A1-30, AE, AH, or A on the official floodplain zoning map and actual field conditions may be resolved using the criteria in subd (a) or (b) below. If a significant difference exists, the map shall be amended according to s. 8.0 *Amendments*. The zoning administrator can rely on a boundary derived from a profile elevation to grant or deny a land use permit, whether or not a map amendment is required. The zoning administrator shall be responsible for documenting actual pre-development field conditions and the basis upon which the district boundary was

**VILLAGE OF MUKWONAGO
WAUKESHA AND WALWORTH COUNTIES**

determined. Disputes between the zoning administrator and an applicant over the district boundary line shall be settled according to s. 7.3(3) and the criteria in (a) and (b) below. Where the flood profiles are based on established base flood elevations from a FIRM, FEMA must approve any map amendment or revision pursuant to s. 8.0 *Amendments*.

(a) If flood profiles exist, the map scale and the profile elevations shall determine the district boundary. The regional or base flood elevations shall govern if there are any discrepancies.

(b) Where flood profiles do not exist for projects, including any boundary of zone A, or AO the location of the boundary shall be determined by the map scale.

(5) REMOVAL OF LANDS FROM FLOODPLAIN

(a) Compliance with the provisions of this ordinance shall not be grounds for removing land from the floodplain unless it is filled at least two feet above the regional or base flood elevation, the fill is contiguous to land outside the floodplain, and the map is amended pursuant to s. 8.0 *Amendments*.

(b) The delineation of any of the Floodplain Districts may be revised by the community where natural or man-made changes have occurred and/or where more detailed studies have been conducted. However, prior to any such change, approval must be obtained from the Wisconsin Department of Natural Resources and Federal Emergency Management Agency. A completed Letter of Map Revision is a record of this approval. The floodplain administrator shall not sign a community acknowledgement form unless all criteria set forth in the following paragraphs are met:

1. The land and/or land around the structure must be filled at least two feet above the regional or base flood elevation;
2. The fill must be contiguous to land outside the floodplain; Applicant shall obtain floodplain development permit before applying for a LOMR or LOMR-F;

(c) Removal of lands from the floodplain may also occur by operation of §87.30(1)(e), Wis. Stat. if a property owner has obtained a letter of map amendment from the federal emergency management agency under 44 C.F.R. 70.

(6) COMPLIANCE

(a) No structure or use within areas regulated by this ordinance shall hereafter be located, erected, constructed, reconstructed, repaired, extended, converted, enlarged, or altered without full compliance with the terms of these regulations and all other applicable regulations that apply to uses within the jurisdiction of these regulations.

(b) Failure to obtain a floodplain development permit shall be a violation of these regulations and shall be punishable in accordance with s. 9.0.

**VILLAGE OF MUKWONAGO
WAUKESHA AND WALWORTH COUNTIES**

(c) Floodplain development permits issued on the basis of plans and applications approved by the Floodplain Administrator authorize only the use, and arrangement, set forth in such approved plans and applications, or amendments thereto if approved by the Floodplain Administrator. Use, arrangement, or construction contrary to that authorized shall be deemed a violation of these regulations and punishable in accordance with s. 9.0.

(7) MUNICIPALITIES AND STATE AGENCIES REGULATED

Unless specifically exempted by law, all cities, villages, towns, and counties are required to comply with this ordinance and obtain all necessary permits. State agencies are required to comply if s. 13.48(13), Stats., applies. The construction, reconstruction, maintenance and repair of state highways and bridges by the Wisconsin Department of Transportation is exempt when s. 30.2022, Stats., applies. Although exempt from a local zoning permit and permit fees, DOT must provide sufficient project documentation and analysis to ensure that the community is in compliance with Federal, State, and local floodplain standards.

(8) ABROGATION AND GREATER RESTRICTIONS

(a) This ordinance supersedes all the provisions of any municipal zoning ordinance enacted under s. 61.35 for villages or s. 87.30, Stats., which relate to floodplains. A more restrictive ordinance shall continue in full force and effect to the extent of the greater restrictions, but not otherwise.

(b) This ordinance is not intended to repeal, abrogate or impair any existing deed restrictions, covenants or easements. If this ordinance imposes greater restrictions, the provisions of this ordinance shall prevail.

(9) INTERPRETATION

In their interpretation and application, the provisions of this ordinance are the minimum requirements liberally construed in favor of the governing body and are not a limitation on or repeal of any other powers granted by the Wisconsin Statutes. If a provision of this ordinance, required by ch. NR 116, Wis. Adm. Code, is unclear, the provision shall be interpreted in light of the standards in effect on the date of the adoption of this ordinance or in effect on the date of the most recent text amendment to this ordinance.

(10) WARNING AND DISCLAIMER OF LIABILITY

The flood protection standards in this ordinance are based on engineering experience and research. Larger floods may occur, or the flood height may be increased by man-made or natural causes. This ordinance does not imply or guarantee that non-floodplain areas or permitted floodplain uses will be free from flooding and flood damages. This ordinance does not create liability on the part of, or a cause of action against, the municipality or any officer or employee thereof for any flood damage that may result from reliance on this ordinance.

(11) SEVERABILITY

Should any portion of this ordinance be declared unconstitutional or invalid by a court of competent jurisdiction, the remainder of this ordinance shall not be

**VILLAGE OF MUKWONAGO
WAUKESHA AND WALWORTH COUNTIES**

affected.

(12) ANNEXED AREAS FOR CITIES AND VILLAGES

The Walworth County and Waukesha County floodplain zoning provisions in effect on the date of annexation shall remain in effect and shall be enforced by the municipality for all annexed areas until the municipality adopts and enforces an ordinance which meets the requirements of ch. NR 116, Wis. Adm. Code and 44 CFR 59-72, *National Flood Insurance Program* (NFIP). These annexed lands are described on the municipality's official zoning map. County floodplain zoning provisions are incorporated by reference for the purpose of administering this section and are on file in the office of the municipal zoning administrator. All plats or maps of annexation shall show the regional flood elevation and the floodway location.

100-272 GENERAL STANDARDS APPLICABLE TO ALL FLOODPLAIN DISTRICTS

2.1 General Standards

The community shall review all permit applications to determine whether proposed building sites will be reasonably safe from flooding and assure that all necessary permits have been received from those governmental agencies whose approval is required by federal or state law.

(1) If a proposed building site is in a flood-prone area, all new construction and substantial improvements shall:

(a) be designed and anchored to prevent flotation, collapse, or lateral movement of the structure resulting from hydrodynamic and hydrostatic loads, including the effects of buoyancy;

(b) be constructed with flood-resistant materials;

(c) be constructed by methods and practices that minimize flood damages; and

(d) be constructed with electrical, heating, ventilation, plumbing, and air conditioning equipment and other service facilities that are designed and/or located so as to prevent water from entering or accumulating within the components during conditions of flooding.

(2) If a subdivision or other proposed new development is in a flood-prone area, the community shall assure that:

(a) such proposed subdivision or other proposed new development is consistent with the need to minimize flood damage within the flood-prone area;

(b) public utilities and facilities such as sewer, gas, electrical, and water systems are located and constructed to minimize or eliminate flood damage; and

(c) adequate drainage is provided to reduce exposure to flood hazards. All subdivision proposals (including manufactured home parks) shall include regional flood elevation and floodway data for any development that meets the subdivision

**VILLAGE OF MUKWONAGO
WAUKESHA AND WALWORTH COUNTIES**

definition of this ordinance and all other requirements in s. 7.1(2).

2.2 HYDRAULIC AND HYDROLOGIC ANALYSES

(1) No floodplain development shall:

(a) Obstruct flow, defined as development which blocks the conveyance of floodwaters by itself or with other development, causing any increase in the regional flood height; or

(b) Cause any increase in the regional flood height due to floodplain storage area lost.

(2) The zoning administrator shall deny permits if it is determined the proposed development will obstruct flow or cause any increase in the regional flood height, based on the officially adopted FIRM or other adopted map, unless the provisions of s. 8.0 *Amendments* are met.

2.3 WATERCOURSE ALTERATIONS

No land use permit to alter or relocate a watercourse in a mapped floodplain shall be issued until the local official has notified in writing all adjacent municipalities, the Department and FEMA regional offices, and required the applicant to secure all necessary state and federal permits. The standards of s. 2.1 must be met and the flood carrying capacity of any altered or relocated watercourse shall be maintained.

As soon as is practicable, but not later than six months after the date of the watercourse alteration or relocation and pursuant to s. 8.0 *Amendments*, the community shall apply for a Letter of Map Revision (LOMR) from FEMA. Any such alterations must be reviewed and approved by FEMA and the DNR through the LOMC process.

2.4 CHAPTER 30, 31, WIS. STATS., DEVELOPMENT

Development which requires a permit from the Department, under chs. 30 and 31, Stats., such as docks, piers, wharves, bridges, culverts, dams and navigational aids, may be allowed if the necessary permits are obtained and amendments to the floodplain zoning ordinance are made according to s. 8.0 *Amendments*.

2.5 PUBLIC OR PRIVATE CAMPGROUNDS

Public or private campgrounds shall have a low flood damage potential and shall meet the following provisions:

(1) The campground is approved by the Department of Agriculture, Trade and Consumer Protection;

(2) A land use permit for the campground is issued by the zoning administrator;

(3) The character of the river system and the campground elevation are such that a 72-hour warning of an impending flood can be given to all campground occupants;

(4) There is an adequate flood warning procedure for the campground that offers the minimum notice required under this section to all persons in the campground. This procedure shall include a written agreement between the campground owner, the municipal emergency government coordinator and the chief law enforcement official

**VILLAGE OF MUKWONAGO
WAUKESHA AND WALWORTH COUNTIES**

which specifies the flood elevation at which evacuation shall occur, personnel responsible for monitoring flood elevations, types of warning systems to be used and the procedures for notifying at-risk parties, and the methods and personnel responsible for conducting the evacuation;

- (5) This agreement shall be for no more than one calendar year, at which time the agreement shall be reviewed and updated - by the officials identified in sub. (4) - to remain in compliance with all applicable regulations, including those of the state Department of Agriculture, Trade and Consumer Protection and all other applicable regulations;
- (6) All mobile recreational vehicles placed on the site must meet one of the following:
- (a) Only camping units that are fully licensed, if required, and ready for highway use are allowed; or
 - (b) The camping units shall not occupy any site in the campground for more than 180 consecutive days, at which time the camping unit must be removed from the floodplain for a minimum of 24 hours; A mobile recreational vehicle is ready for highway use if it is on its wheels or jacking system, is attached to the site only by quick-disconnect utilities and security devices and has no permanently attached additions.
- (7) All camping units that remain on site for more than 30 days shall be issued a limited authorization by the campground operator, a written copy of which is kept on file at the campground. Such authorization shall allow placement of a camping unit consistent with 2.4(6) and shall ensure compliance with all the provisions of this section;
- (8) The municipality shall monitor the limited authorizations issued by the campground operator to assure compliance with the terms of this section;
- (9) All camping units that remain in place for more than 180 consecutive days must meet the applicable requirements in either s. 3.0, 4.0, 5.1, or 5.3 for the floodplain district in which the structure is located;
- (10) The campground shall have signs clearly posted at all entrances warning of the flood hazard and the procedures for evacuation when a flood warning is issued; and
- (11) All service facilities, including but not limited to refuse collection, electrical service, gas lines, propane tanks, sewage systems and wells shall be properly anchored and placed at or floodproofed to the flood protection elevation.

100-273 FLOODWAY DISTRICT (FW)

3.1 APPLICABILITY

This section applies to all floodway areas on the floodplain zoning maps and those identified pursuant to s. 5.1(5).

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3.2 PERMITTED USES

The following open space uses are allowed in the Floodway District and the floodway areas of the General Floodplain District, if:

- they are not prohibited by any other ordinance;
 - they meet the standards in s. 3.3 and 3.4; and
 - all permits or certificates have been issued according to s. 7.1.
- (1) Agricultural uses, such as: farming, outdoor plant nurseries, horticulture, viticulture and wild crop harvesting.
 - (2) Nonstructural industrial and commercial uses, such as loading areas, parking areas and airport landing strips.
 - (3) Nonstructural recreational uses, such as golf courses, tennis courts, archery ranges, picnic grounds, boat ramps, swimming areas, parks, wildlife and nature preserves, game farms, fish hatcheries, shooting, trap and skeet activities, hunting and fishing areas and hiking and horseback riding trails, subject to the fill limitations of s. 3.3(4).
 - (4) Uses or structures accessory to open space uses or classified as historic structures that comply with s. 3.3 and 3.4.
 - (5) Extraction of sand, gravel or other materials that comply with s. 3.3(4).
 - (6) Functionally water-dependent uses, such as docks, piers or wharves, dams, flowage areas, culverts, navigational aids and river crossings of transmission lines, and pipelines that comply with chs. 30 and 31, Stats.
 - (7) Public utilities, streets and bridges that comply with s. 3.3(3).
 - (8) Portable latrines that are removed prior to flooding and systems associated with recreational areas and Department-approved campgrounds that meet the applicable provisions of local ordinances and ch. SPS 383, Wis. Adm. Code.
 - (9) Public or private wells used to obtain potable water for recreational areas that meet the requirements of local ordinances and chs. NR 811 and NR 812, Wis. Adm. Code.
 - (10) Wastewater treatment ponds or facilities permitted under s. NR 110.15(3)(b), Wis. Adm. Code.
 - (11) Sanitary sewer or water supply lines to service existing or proposed development located outside the floodway that complies with the regulations for the floodplain area occupied.

3.3 STANDARDS FOR DEVELOPMENTS IN THE FLOODWAY

(1) GENERAL

- (a) Any development in the floodway shall comply with s. 2.0 and have a low flood damage potential.

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- (b) Applicants shall provide an analysis calculating the effects of this proposal on the regional flood height to determine the effects of the proposal according to s. 2.1 and 7.1(2)(c). The analysis must be completed by a registered professional engineer in the state of Wisconsin.
- (c) Any encroachment in the regulatory floodway is prohibited unless the data submitted for subd. 3.3(1)(b) above demonstrates that the encroachment will cause no increase in flood elevations in flood events up to the base flood at any location or removes the encroached area from the regulatory floodway as provided in s. 1.5(5).

(2) STRUCTURES

Structures accessory to permanent open space uses, including utility and sanitary facilities, or functionally dependent on a waterfront location may be allowed by permit if the structures comply with the following criteria:

- (a) Not designed for human habitation, does not have a high flood damage potential and is constructed to minimize flood damage;
- (b) Shall either have the lowest floor elevated to or above the flood protection elevation or shall meet all the following standards:
 - 1. Have the lowest floor elevated to or above the regional flood elevation and be dry floodproofed so that the structure is watertight with walls substantially impermeable to the passage of water and completely dry to the flood protection elevation without human intervention during flooding;
 - 2. Have structural components capable of meeting all provisions of Section 3.3(2)(g) and;
 - 3. Be certified by a registered professional engineer or architect, through the use of a Federal Emergency Management Agency Floodproofing Certificate, that the design and methods of construction are in accordance with Section 3.3(2)(g).
- (c) Must be anchored to resist flotation, collapse, and lateral movement;
- (d) Mechanical and utility equipment must be elevated to or above the flood protection elevation; and
- (e) Must not obstruct flow of flood waters or cause any increase in flood levels during the occurrence of the regional flood.
- (f) For a structure designed to allow the automatic entry of floodwaters below the Regional Flood Elevation, the applicant shall submit a plan that meets s. 3.3(2)(a) through 3.3(2)(e) and meets or exceeds the following standards:

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1. The lowest floor must be elevated to or above the regional flood elevation;
 2. a minimum of two openings having a total net area of not less than one square inch for every square foot of enclosed area subject to flooding;
 3. the bottom of all openings shall be no higher than one foot above the lowest adjacent grade; openings may be equipped with screens, louvers, valves, or other coverings or devices provided that they permit the automatic entry and exit of floodwaters, otherwise must remain open.
 4. The use must be limited to parking, building access or limited storage.
- (g) Certification: Whenever floodproofing measures are required, a registered professional engineer or architect shall certify that the following floodproofing measures will be utilized, where appropriate, and are adequate to withstand the flood depths, pressures, velocities, impact and uplift forces and other factors associated with the regional flood:
1. Reinforcement of floors and walls to resist rupture, collapse, or lateral movement caused by water pressures or debris buildup;
 2. Construction of wells, water supply systems and waste treatment systems so as to prevent the entrance of flood waters in such systems and must be in accordance with provisions in Sections 3.4(4) and 3.4(5);
 3. Subsurface drainage systems to relieve external pressures on foundation walls and basement floors;
 4. Cutoff valves on sewer lines or the elimination of gravity flow basement drains; and
 5. Placement of utilities to or above the flood protection elevation.

(3) PUBLIC UTILITIES, STREETS AND BRIDGES

Public utilities, streets and bridges may be allowed by permit, if:

- (a) Adequate floodproofing measures are provided to the flood protection elevation;
and
- (b) Construction meets the development standards of s. 2.1.

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(4) FILLS OR DEPOSITION OF MATERIALS

Fills or deposition of materials may be allowed by permit, if:

- (a) The requirements of s. 2.1 are met;
- (b) No material is deposited in navigable waters unless a permit is issued by the Department pursuant to ch. 30, Stats., and a permit pursuant to s. 404 of the Federal Water Pollution Control Act, Amendments of 1972, 33 U.S.C. 1344 has been issued, if applicable, and all other requirements have been met;
- (c) The fill or other materials will be protected against erosion by riprap, vegetative cover, sheet piling or bulkheading; and
- (a) The fill is not classified as a solid or hazardous material.

3.4 PROHIBITED USES

All uses not listed as permitted uses in s. 3.2 are prohibited, including the following uses:

- (1) Habitable structures, structures with high flood damage potential, or those not associated with permanent open-space uses;
- (2) Storing materials that are buoyant, flammable, explosive, injurious to property, water quality, or human, animal, plant, fish or other aquatic life;
- (3) Uses not in harmony with or detrimental to uses permitted in the adjoining districts;
- (4) Any private or public sewage systems, except portable latrines that are removed prior to flooding and systems associated with recreational areas and Department-approved campgrounds that meet the applicable provisions of local ordinances and ch. SPS 383, Wis. Adm. Code;
- (5) Any public or private wells which are used to obtain potable water, except those for recreational areas that meet the requirements of local ordinances and chs. NR 811 and NR 812, Wis. Adm. Code;
- (6) Any solid or hazardous waste disposal sites;
- (7) Any wastewater treatment ponds or facilities, except those permitted under s. NR 110.15(3)(b), Wis. Adm. Code; and
- (8) Any sanitary sewer or water supply lines, except those to service existing or proposed development located outside the floodway which complies with the regulations for the floodplain area occupied.

100-274 FLOODFRINGE DISTRICT (FF)

4.1 APPLICABILITY

This section applies to all floodfringe areas shown on the floodplain zoning maps and those identified pursuant to s. 5.1(5).

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4.2 PERMITTED USES

Any structure, land use, or development is allowed in the Floodfringe District if the standards in s. 4.3 are met, the use is not prohibited by this or any other ordinance or regulation and all permits or certificates specified in s. 7.1 have been issued.

4.3 STANDARDS FOR DEVELOPMENT IN THE FLOODFRINGE

Section 2.0 shall apply in addition to the following requirements according to the use requested. Any existing structure in the floodfringe must meet the requirements of s. 6.0 *Nonconforming Uses*;

(1) RESIDENTIAL USES

Any structure, including a manufactured home, which is to be newly constructed or moved into the floodfringe, shall meet or exceed the following standards. Any existing structure in the floodfringe must meet the requirements of s. 6.0 *Nonconforming Uses*;

- (a) All new construction, including placement of manufactured homes, and substantial improvement of residential structures, shall have the lowest floor elevated to or above the flood protection elevation on fill. The fill around the structure shall be one foot or more above the regional flood elevation extending at least 15 feet beyond the limits of the structure. No area may be removed from the floodfringe district unless it can be shown to meet s. 1.5(5).
- (b) Notwithstanding s. 4.3 (1)(a), a basement or crawlspace floor may be placed at the regional flood elevation if the basement or crawlspace is designed to make all portions of the structure below the flood protection elevation watertight with walls substantially impermeable to the passage of water and with structural components having the capability of resisting hydrostatic and hydrodynamic loads and effects of buoyancy. No floor of any kind is allowed below the regional flood elevation;
- (c) Contiguous dryland access shall be provided from a structure to land outside of the floodplain, except as provided in subd. (d).
- (d) In developments where existing street or sewer line elevations make compliance with subd. (c) impractical, the municipality may permit new development and substantial improvements where roads are below the regional flood elevation, if:
 - 1. The municipality has written assurance from police, fire and emergency services that rescue and relief will be provided to the structure(s) by wheeled vehicles during a regional flood event; or
 - 2. The municipality has a DNR-approved emergency evacuation plan that follows acceptable hazard mitigation planning guidelines.

(2) ACCESSORY STRUCTURES OR USES

In addition to s. 2.0, new construction and substantial improvements of Accessory structures shall be constructed on fill with the lowest floor at or above the regional flood elevation.

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(3) COMMERCIAL USES

In addition to s. 2.0, any commercial structure which is erected, altered or moved into the floodfringe shall meet the requirements of s. 4.3(1). Subject to the requirements of s. 4.3(5), storage yards, surface parking lots and other such uses may be placed at lower elevations if an adequate warning system exists to protect life and property.

(4) MANUFACTURING AND INDUSTRIAL USES

In addition to s. 2.0, any manufacturing or industrial structure which is erected, altered or moved into the floodfringe shall have the lowest floor elevated to or above the flood protection elevation or meet the floodproofing standards in s 7.5. Subject to the requirements of s. 4.3(5), storage yards, surface parking lots and other such uses may be placed at lower elevations if an adequate warning system exists to protect life and property.

(5) STORAGE OF MATERIALS

Materials that are buoyant, flammable, explosive, or injurious to property, water quality or human, animal, plant, fish or aquatic life shall be stored at or above the flood protection elevation or floodproofed in compliance with s. 7.5. Adequate measures shall be taken to ensure that such materials will not enter the water body during flooding.

(6) PUBLIC UTILITIES, STREETS AND BRIDGES

All utilities, streets and bridges shall be designed to be compatible with comprehensive floodplain development plans; and

- (a) When failure of public utilities, streets and bridges would endanger public health or safety, or where such facilities are deemed essential, construction or repair of such facilities shall only be permitted if they are designed to comply with s. 7.5.
- (b) Minor roads or non-essential utilities may be constructed at lower elevations if they are designed to withstand flood forces to the regional flood elevation.

(7) SEWAGE SYSTEMS

All sewage disposal systems shall be designed to minimize or eliminate infiltration of flood water into the system, pursuant to s. 7.5(3), to the flood protection elevation and meet the provisions of all local ordinances and ch. SPS 383, Wis. Adm. Code.

(8) WELLS

All wells shall be designed to minimize or eliminate infiltration of flood waters into the system, pursuant to s. 7.5(3), to the flood protection elevation and shall meet the provisions of chs. NR 811 and NR 812, Wis. Adm. Code.

(9) SOLID WASTE DISPOSAL SITES

Disposal of solid or hazardous waste is prohibited in floodfringe areas.

(10) DEPOSITION OF MATERIALS

Any deposited material must meet all the provisions of this ordinance.

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(11) MANUFACTURED HOMES

- (a) Owners or operators of all manufactured home parks and subdivisions shall provide adequate surface drainage to minimize flood damage, and prepare, secure approval and file an evacuation plan, indicating vehicular access and escape routes, with local emergency management authorities.
- (b) In existing manufactured home parks, all new homes, replacement homes on existing pads, and substantially improved homes shall:
 - 1. have the lowest floor elevated to the flood protection elevation; and
 - 2. be anchored so they do not float, collapse or move laterally during a flood
- (c) Outside of existing manufactured home parks, including new manufactured home parks and all single units outside of existing parks, all new, replacement and substantially improved manufactured homes shall meet the residential development standards for the floodfringe in s. 4.3(1).

(12) MOBILE RECREATIONAL VEHICLES

All mobile recreational vehicles must be on site for less than 180 consecutive days and be either:

- (a) fully licensed and ready for highway use; or
- (b) shall meet the elevation and anchoring requirements in s. 4.3 (11)(b) and (c). A mobile recreational vehicle is ready for highway use if it is on its wheels or jacking system, is attached to the site only by quick-disconnect utilities and security devices and has no permanently attached additions.

100-275 OTHER FLOODPLAIN DISTRICTS

5.1 GENERAL FLOODPLAIN DISTRICT (GFP)

(1) APPLICABILITY

The provisions for the General Floodplain District shall apply to development in all floodplains mapped as A, AO, AH, and in AE zones within which a floodway is not delineated on the Flood Insurance Rate Maps identified in s. 1.5(2)(a).

(2) FLOODWAY BOUNDARIES

For proposed development in zone A, or in zone AE within which a floodway is not delineated on the Flood Insurance Rate Map identified in s. 1.5(2)(a), the boundaries of the regulatory floodway shall be determined pursuant to s. 5.1(5). If the development is proposed to encroach upon the regulatory floodway, the development is subject to the standards of s 3.0. If the development is located entirely within the floodfringe, the development is subject to the standards of s. 4.0.

(3) PERMITTED USES

Pursuant to s. 5.1(5) it shall be determined whether the proposed use is located within the floodway or floodfringe. Those uses permitted in the Floodway (s. 3.2) and

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Floodfringe (s. 4.2) Districts are allowed within the General Floodplain District, according to the standards of s. 5.1(4) provided that all permits or certificates required under s. 7.1 have been issued.

(4) STANDARDS FOR DEVELOPMENT IN THE GENERAL FLOODPLAIN DISTRICT

Section 3.0 applies to floodway areas, determined to pursuant to 5.1(5); Section 4.0 applies to floodfringe areas, determined to pursuant to 5.1(5).

(a) New construction and substantial improvement of structures in zone AO shall have the lowest floor, including basement, elevated:

1. To or above the depth, in feet, as shown on the FIRM above the highest adjacent natural grade; or
2. If the depth is not specified on the FIRM, to or above two (2) feet above the highest adjacent natural grade.

(b) New Construction and substantial improvement of structures in zone AH shall have the lowest floor, including basement, elevated to or above the flood protection elevation.

(c) In AO/AH zones, provide adequate drainage paths to guide floodwaters around structures.

(d) All development in zones AO and zone AH shall meet the requirements of s. 4.0 applicable to flood fringe areas.

(5) DETERMINING FLOODWAY AND FLOODFRINGE LIMITS

Upon receiving an application for development within zone A, or within zone AE where a floodway has not been delineated on the Flood Insurance Rate Maps, the zoning administrator shall:

(a) Require the applicant to submit two copies of an aerial photograph or a plan which shows the proposed development with respect to the general floodplain district limits, stream channel, and existing floodplain developments, along with a legal description of the property, fill limits and elevations, building floor elevations and flood proofing measures; and the flood zone as shown on the FIRM.

(b) Require the applicant to furnish any of the following information deemed necessary by the Department to evaluate the effects of the proposal upon flood height and flood flows, regional flood elevation and to determine floodway boundaries.

1. A Hydrologic and Hydraulic Study as specified in s. 7.1(2)(c).
2. Plan (surface view) showing elevations or contours of the ground; pertinent structure, fill or storage elevations; size, location and layout of all proposed and existing structures on the site; location and elevations of streets, water supply, and sanitary facilities; soil types and other pertinent information;
3. Specifications for building construction and materials, floodproofing, filling, dredging,

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channel improvement, storage, water supply and sanitary facilities.

5.2 FLOOD STORAGE DISTRICT

The flood storage district delineates that portion of the floodplain where storage of floodwaters has been taken into account and is relied upon to reduce the regional flood discharge. The district protects the flood storage areas and assures that any development in the storage areas will not decrease the effective flood storage capacity which would cause higher flood elevations.

(1) APPLICABILITY

The provisions of this section apply to all areas within the Flood Storage District (FSD), as shown on the official floodplain zoning maps.

(2) PERMITTED USES

Any use or development which occurs in a flood storage district must meet the applicable requirements in s. 4.3.

(3) STANDARDS FOR DEVELOPMENT IN FLOOD STORAGE DISTRICTS

- (a) Development in a flood storage district shall not cause an increase equal or greater than 0.00 of a foot in the height of the regional flood.
- (b) No development shall be allowed which removes flood storage volume unless an equal volume of storage as defined by the pre-development ground surface and the regional flood elevation shall be provided in the immediate area of the proposed development to compensate for the volume of storage which is lost, (compensatory storage). Excavation below the groundwater table is not considered to provide an equal volume of storage.
- (c) If compensatory storage cannot be provided, the area may not be developed unless the entire area zoned as flood storage district – on this waterway – is rezoned to the floodfringe district. This must include a revision to the floodplain study and map done for the waterway to revert to the higher regional flood discharge calculated without floodplain storage, as per s. 8.0 *Amendments* of this ordinance.
- (d) No area may be removed from the flood storage district unless it can be shown that the area has been filled to the flood protection elevation and is contiguous to other lands lying outside of the floodplain.

100-276 NONCONFORMING USES

6.1 GENERAL

(1) APPLICABILITY

- (a) The standards in this section shall apply to all uses and buildings that do not conform to the provisions contained within a floodplain zoning ordinance or with s. 87.30, Stats. and §§ NR 116.12-14, Wis. Adm. Code and 44 CFR 59-72., these standards shall apply to all modifications or additions to any nonconforming use or structure and to the use of any structure or premises which was lawful before the passage of this ordinance or any amendment thereto. A party asserting existence of a lawfully established nonconforming use or structure has the burden of proving

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that the use or structure was compliant with the floodplain zoning ordinance in effect at the time the use or structure was created.

- (b) As permit applications are received for additions, modifications, or substantial improvements to nonconforming buildings in the floodplain, municipalities shall develop a list of those nonconforming buildings, their present equalized assessed value and a list of the costs of those activities associated with changes to those buildings.

(2) The existing lawful use of a structure or its accessory use which is not in conformity with the provisions of this ordinance may continue subject to the following conditions:

- (a) No modifications or additions to a nonconforming use or structure shall be permitted unless they comply with this ordinance. The words "modification" and "addition" include, but are not limited to, any alteration, addition, modification, structural repair, rebuilding or replacement of any such existing use, structure or accessory structure or use. Maintenance is not considered a modification; this includes painting, decorating, paneling and other nonstructural components and the maintenance, repair or replacement of existing private sewage or water supply systems or connections to public utilities. Any costs associated with the repair of a damaged structure are not considered maintenance.

The construction of a deck that does not exceed 200 square feet and that is adjacent to the exterior wall of a principal structure is not an extension, modification or addition. The roof of the structure may extend over a portion of the deck in order to provide safe ingress and egress to the principal structure.

(b) If a nonconforming use or the use of a nonconforming structure is discontinued for 12 consecutive months, it is no longer permitted and any future use of the property, and any structure or building thereon, shall conform to the applicable requirements of this ordinance;

(c) The municipality shall keep a record which lists all nonconforming uses and nonconforming structures, their present equalized assessed value, the cost of all modifications or additions which have been permitted, and the percentage of the structure's total current value those modifications represent;

(d) No modification or addition to any nonconforming structure or any structure with a nonconforming use, which over the life of the structure would equal or exceed 50% of its present equalized assessed value, shall be allowed unless the entire structure is permanently changed to a conforming structure with a conforming use in compliance with the applicable requirements of this ordinance. Contiguous dry land access must be provided for residential and commercial uses in compliance with s. 4.3(1). The costs of elevating the lowest floor of a nonconforming building or a building with a nonconforming use to the flood protection elevation are excluded from the 50% provisions of this paragraph;

(e) No maintenance on a per event basis to any nonconforming structure or any structure with a nonconforming use, the cost of which would equal or exceed 50%

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of its present equalized assessed value, shall be allowed unless the entire structure is permanently changed to a conforming structure with a conforming use in compliance with the applicable requirements of this ordinance. Contiguous dry land access must be provided for residential and commercial uses in compliance with s. 4.3(1). Maintenance to any nonconforming structure, which does not exceed 50% of its present equalized assessed value on a per event basis, does not count against the cumulative calculations over the life of the structure for substantial improvement calculations.

(f) If on a per event basis the total value of the work being done under (d) and (e) equals or exceeds 50% of the present equalized assessed value the work shall not be permitted unless the entire structure is permanently changed to a conforming structure with a conforming use in compliance with the applicable requirements of this ordinance. Contiguous dry land access must be provided for residential and commercial uses in compliance with s. 4.3(1).

(g) Except as provided in subd. (h), if any nonconforming structure or any structure with a nonconforming use is destroyed or is substantially damaged, it cannot be replaced, reconstructed or rebuilt unless the use and the structure meet the current ordinance requirements. A structure is considered substantially damaged if the total cost to restore the structure to its pre-damaged condition equals or exceeds 50% of the structure's present equalized assessed value.

(h) For nonconforming buildings that are substantially damaged or destroyed by a nonflood disaster, the repair or reconstruction of any such nonconforming building shall be permitted in order to restore it to the size and use in effect prior to the damage event, provided that the following minimum requirements are met and all required permits have been granted prior to the start of construction:

1. Residential Structures

- a. Shall have the lowest floor, including basement, elevated to or above the flood protection elevation using fill, pilings, columns, posts or perimeter walls. Perimeter walls must meet the requirements of s. 7.5(2).
- b. Shall be anchored to prevent flotation, collapse, or lateral movement of the structure resulting from hydrodynamic and hydrostatic loads, including the effects of buoyancy and shall be constructed with methods and materials resistant to flood damage.
- c. Shall be constructed with electrical, heating, ventilation, plumbing and air conditioning equipment and other service facilities that are designed and/or elevated so as to prevent water from entering or accumulating within the components during conditions of flooding.
- d. In A Zones, obtain, review and utilize any flood data available from a federal, state or other source.
- e. In AO Zones with no elevations specified, shall have the lowest floor, including basement, meet the standards in s. 5.1(4).

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f. in AO Zones, shall have adequate drainage paths around structures on slopes to guide floodwaters around and away from the structure.

2. Nonresidential Structures

a. Shall meet the requirements of s. 6.1(2)(h)1a-f.

b. Shall either have the lowest floor, including basement, elevated to or above the regional flood elevation; or, together with attendant utility and sanitary facilities, shall meet the standards in s. 7.5 (1) or (2).

c. In AO Zones with no elevations specified, shall have the lowest floor, including basement, meet the standards in s. 5.1(4).

(3) A nonconforming historic structure may be altered if the alteration will not preclude the structure's continued designation as a historic structure, the alteration will comply with s. 3.3 (1), flood resistant materials are used, and construction practices and floodproofing methods that comply with s. 7.5 are used. Repair or rehabilitation of historic structures shall be exempt from the development standards of s. 6.1 (2)(h)1 if it is determined that the proposed repair or rehabilitation will not preclude the structure's continued designation as a historic structure and is the minimum necessary to preserve the historic character and design of the structure.

6.2 FLOODWAY DISTRICT

(1) No modification or addition shall be allowed to any nonconforming structure or any structure with a nonconforming use in the Floodway District, unless such modification or addition:

(a) Has been granted a permit or variance which meets all ordinance requirements;

(b) Meets the requirements of s. 6.1;

(c) Shall not increase the obstruction to flood flows or regional flood height;

(d) Any addition to the existing structure shall be floodproofed, pursuant to s. 7.5, by means other than the use of fill, to the flood protection elevation; and

(e) If any part of the foundation below the flood protection elevation is enclosed, the following standards shall apply:

1. The enclosed area shall be designed by a registered architect or engineer to allow for the efficient entry and exit of flood waters without human intervention. A minimum of two openings must be provided with a minimum net area of at least one square inch for every one square foot of the enclosed area. The lowest part of the opening can be no more than 12 inches above the adjacent grade;

2. The parts of the foundation located below the flood protection elevation must be constructed of flood-resistant materials;

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3. Mechanical and utility equipment must be elevated or floodproofed to or above the flood protection elevation; and

4. The use must be limited to parking, building access or limited storage.

(2) No new on-site sewage disposal system, or addition to an existing on-site sewage disposal system, except where an addition has been ordered by a government agency to correct a hazard to public health, shall be allowed in the Floodway District. Any replacement, repair or maintenance of an existing on-site sewage disposal system in a floodway area shall meet the applicable requirements of all municipal ordinances, s. 7.5(3) and ch. SPS 383, Wis. Adm. Code.

(3) No new well or modification to an existing well used to obtain potable water shall be allowed in the Floodway District. Any replacement, repair or maintenance of an existing well in the Floodway District shall meet the applicable requirements of all municipal ordinances, s. 7.5(3) and chs. NR 811 and NR 812, Wis. Adm. Code.

6.3 FLOODFRINGE DISTRICT

(1) No modification or addition shall be allowed to any nonconforming structure or any structure with a nonconforming use unless such modification or addition has been granted a permit or variance by the municipality and meets the requirements of s. 4.3 except where s. 6.3(2) is applicable.

(2) Where compliance with the provisions of subd. (1) would result in unnecessary hardship and only where the structure will not be used for human habitation or be associated with a high flood damage potential, the Board of Adjustment/Appeals, using the procedures established in s. 7.3, may grant a variance from those provisions of subd. (1) for modifications or additions using the criteria listed below. Modifications or additions which are protected to elevations lower than the flood protection elevation may be permitted if:

(a) No floor is allowed below the regional flood elevation for residential or commercial structures;

(b) Human lives are not endangered;

(c) Public facilities, such as water or sewer, shall not be installed;

(d) Flood depths shall not exceed two feet;

(e) Flood velocities shall not exceed two feet per second; and

(f) The structure shall not be used for storage of materials as described in s. 4.3(5).

(3) All new private sewage disposal systems, or addition to, replacement, repair or maintenance of a private sewage disposal system shall meet all the applicable provisions of all local ordinances, s. 7.5 (3) and ch. SPS 383, Wis. Adm. Code.

(4) All new wells, or addition to, replacement, repair or maintenance of a well shall meet

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the applicable provisions of this ordinance, s. 7.5 (3) and ch. NR 811 and NR 812, Wis. Adm. Code.

6.4 FLOOD STORAGE DISTRICT

No modifications or additions shall be allowed to any nonconforming structure in a flood storage area unless the standards outlined in 5.2(3) are met.

100-277 ADMINISTRATION

Where a zoning administrator, planning agency or a board of appeals has already been appointed to administer a zoning ordinance adopted under ss. 59.69, 59.692 or 62.23(7), Stats., these officials shall also administer this ordinance.

7.1 ZONING ADMINISTRATOR

(1) DUTIES AND POWERS

The zoning administrator is authorized to administer this ordinance and shall have the following duties and powers:

- (a) Advise applicants of the ordinance provisions, assist in preparing permit applications and appeals, and assure that the regional flood elevation for the proposed development is shown on all permit applications.
- (b) Issue permits and inspect properties for compliance with provisions of this ordinance and issue certificates of compliance where appropriate.
- (c) Inspect and assess all damaged floodplain structures to determine if substantial damage to the structures has occurred.
- (d) Keep records of all official actions such as:
 - 1. All permits issued, inspections made, and work approved;
 - 2. Documentation of certified lowest floor and regional flood elevations;
 - 3. Floodproofing certificates.
 - 4. Water surface profiles, floodplain zoning maps and ordinances, nonconforming uses and structures including changes, appeals, variances and amendments.
 - 5. All substantial damage assessment reports for floodplain structures.
 - 6. List of nonconforming structures and uses.
- (e) Submit copies of the following items to the Department Regional office:
 - 1. Within 10 days of the decision, a copy of any decisions on variances, appeals for map or text interpretations, and map or text amendments;
 - 2. Copies of case-by-case analyses and other required information.
 - 3. Copies of substantial damage assessments performed and all related correspondence concerning the assessments.
- (f) Investigate, prepare reports, and report violations of this ordinance to the municipal zoning agency and attorney for prosecution. Copies of the reports shall also be sent to the Department Regional office.

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(g) Submit copies of amendments to the FEMA Regional office.

(2) LAND USE PERMIT

A land use permit shall be obtained before any development; repair, modification or addition to an existing structure; or change in the use of a building or structure, including sewer and water facilities, may be initiated. Application to the zoning administrator shall include:

(a) GENERAL INFORMATION

1. Name and address of the applicant, property owner and contractor;
2. Legal description, proposed use, and whether it is new construction or a modification;

(b) SITE DEVELOPMENT PLAN

A site plan drawn to scale shall be submitted with the permit application form and shall contain:

1. Location, dimensions, area and elevation of the lot;
2. Location of the ordinary highwater mark of any abutting navigable waterways;
3. Location of any structures with distances measured from the lot lines and street center lines;
4. Location of any existing or proposed on-site sewage systems or private water supply systems;
5. Location and elevation of existing or future access roads;
6. Location of floodplain and floodway limits as determined from the official floodplain zoning maps;
7. The elevation of the lowest floor of proposed buildings and any fill using the vertical datum from the adopted study – either National Geodetic Vertical Datum (NGVD) or North American Vertical Datum (NAVD);
8. Data sufficient to determine the regional flood elevation in NGVD or NAVD at the location of the development and to determine whether or not the requirements of s. 3.0 or 4.0 are met; and
9. Data to determine if the proposed development will cause an obstruction to flow or an increase in regional flood height or discharge according to s. 2.1. This may include any of the information noted in s. 3.3(1).

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(c) **HYDRAULIC AND HYDROLOGIC STUDIES TO ANALYZE DEVELOPMENT**

All hydraulic and hydrologic studies shall be completed under the direct supervision of a professional engineer registered in the State. The study contractor shall be responsible for the technical adequacy of the study. All studies shall be reviewed and approved by the Department.

1. Zone A floodplains and in AE zones within which a floodway is not delineated:

a. Hydrology

- i. The appropriate method shall be based on the standards in ch. NR 116.07(3), Wis. Admin. Code, *Hydrologic Analysis: Determination of Regional Flood Discharge*.

b. Hydraulic modeling

The regional flood elevation shall be based on the standards in ch. NR 116.07(4), Wis. Admin. Code, *Hydraulic Analysis: Determination of Regional Flood Elevation* and the following:

- i. determination of the required limits of the hydraulic model shall be based on detailed study information for downstream structures (dam, bridge, culvert) to determine adequate starting WSEL for the study.

- ii. channel sections must be surveyed.

- iii. minimum four-foot contour data in the overbanks shall be used for the development of cross section overbank and floodplain mapping.

- iv. a maximum distance of 500 feet between cross sections is allowed in developed areas with additional intermediate cross sections required at transitions in channel bottom slope including a survey of the channel at each location.

- v. the most current version of HEC-RAS shall be used.

- vi. a survey of bridge and culvert openings and the top of road is required at each structure.

- vii. additional cross sections are required at the downstream and upstream limits of the proposed development and any necessary intermediate locations based on the length of the reach if greater than 500 feet.

- viii. standard accepted engineering practices shall be used when assigning parameters for the base model such as flow, Manning's N values, expansion and contraction coefficients or effective flow limits. The base model shall be calibrated to past flooding data such as high water marks to determine the reasonableness of the model results. If no historical data is available, adequate justification shall be provided for any parameters outside standard accepted engineering practices.

- ix. the model must extend past the upstream limit of the difference in the existing and proposed flood profiles in order to provide a tie-in to existing

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studies. The height difference between the proposed flood profile and the existing study profiles shall be no more than 0.00 feet.

c. Mapping

A work map of the reach studied shall be provided, showing all cross-section locations, floodway/floodplain limits based on best available topographic data, geographic limits of the proposed development and whether the proposed development is located in the floodway.

- i. If the proposed development is located outside of the floodway, then it is determined to have no impact on the regional flood elevation.
- ii. If any part of the proposed development is in the floodway, it must be added to the base model to show the difference between existing and proposed conditions. The study must ensure that all coefficients remain the same as in the existing model, unless adequate justification based on standard accepted engineering practices is provided.

2. Zone AE Floodplains

a. Hydrology

If the proposed hydrology will change the existing study, the appropriate method to be used shall be based on ch. NR 116.07(3), Wis. Admin. Code, *Hydrologic Analysis: Determination of Regional Flood Discharge*.

b. Hydraulic model

The regional flood elevation shall be based on the standards in ch. NR 116.07(4), Wis. Admin. Code, *Hydraulic Analysis: Determination of Regional Flood Elevation* and the following:

i. Duplicate Effective Model

The effective model shall be reproduced to ensure correct transference of the model data and to allow integration of the revised data to provide a continuous FIS model upstream and downstream of the revised reach. If data from the effective model is available, models shall be generated that duplicate the FIS profiles and the elevations shown in the Floodway Data Table in the FIS report to within 0.1 foot.

ii. Corrected Effective Model.

The Corrected Effective Model shall not include any man-made physical changes since the effective model date but shall import the model into the most current version of HEC-RAS for Department review.

iii. Existing (Pre-Project Conditions) Model.

The Existing Model shall be required to support conclusions about the actual impacts of the project associated with the Revised (Post-Project) Model or to establish more up-to-date models on which to base the Revised (Post-Project) Model.

iv. Revised (Post-Project Conditions) Model.

The Revised (Post-Project Conditions) Model shall incorporate the Existing

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Model and any proposed changes to the topography caused by the proposed development. This model shall reflect proposed conditions.

- v. All changes to the Duplicate Effective Model and subsequent models must be supported by certified topographic information, bridge plans, construction plans and survey notes.
- vi. Changes to the hydraulic models shall be limited to the stream reach for which the revision is being requested. Cross sections upstream and downstream of the revised reach shall be identical to those in the effective model and result in water surface elevations and topwidths computed by the revised models matching those in the effective models upstream and downstream of the revised reach as required. The Effective Model shall not be truncated.

c. Mapping

Maps and associated engineering data shall be submitted to the Department for review which meet the following conditions:

- i. Consistency between the revised hydraulic models, the revised floodplain and floodway delineations, the revised flood profiles, topographic work map, annotated FIRMs and/or Flood Boundary Floodway Maps (FBFMs), construction plans, bridge plans.
- ii. Certified topographic map of suitable scale, contour interval, and a planimetric map showing the applicable items. If a digital version of the map is available, it may be submitted in order that the FIRM may be more easily revised.
- iii. Annotated FIRM panel showing the revised 1% and 0.2% annual chance floodplains and floodway boundaries.
- iv. If an annotated FIRM and/or FBFM and digital mapping data (GIS or CADD) are used then all supporting documentation or metadata must be included with the data submission along with the Universal Transverse Mercator (UTM) projection and State Plane Coordinate System in accordance with FEMA mapping specifications.
- v. The revised floodplain boundaries shall tie into the effective floodplain boundaries.
- vi. All cross sections from the effective model shall be labeled in accordance with the effective map and a cross section lookup table shall be included to relate to the model input numbering scheme.
- vii. Both the current and proposed floodways shall be shown on the map.
- viii. The stream centerline, or profile baseline used to measure stream distances in the model shall be visible on the map.

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(d) EXPIRATION

All permits issued under the authority of this ordinance shall expire no more than 180 days after issuance. The permit may be extended for a maximum of 180 days for good and sufficient cause. If the permitted work has not started within 180 days of the permit date, the development must comply with any regulation, including any revision to the FIRM or FIS, that took effect after the permit date.

(3) CERTIFICATE OF COMPLIANCE

No land shall be occupied or used, and no building which is hereafter constructed, altered, added to, modified, repaired, rebuilt or replaced shall be occupied until a certificate of compliance is issued by the zoning administrator, except where no permit is required, subject to the following provisions:

- (a) The certificate of compliance shall show that the building or premises or part thereof, and the proposed use, conform to the provisions of this ordinance;
- (b) Application for such certificate shall be concurrent with the application for a permit;
- (c) If all ordinance provisions are met, the certificate of compliance shall be issued within 10 days after written notification that the permitted work is completed;
- (d) The applicant shall submit a certification signed by a registered professional engineer, architect or land surveyor that the fill, lowest floor and floodproofing elevations are in compliance with the permit issued. Floodproofing measures also require certification by a registered professional engineer or architect that the requirements of s. 7.5 are met.
- (e) Where applicable pursuant to s. 5.1(4), the applicant must submit a certification by a registered professional engineer or surveyor of the elevation of the bottom of the lowest horizontal structural member supporting the lowest floor (excluding pilings or columns), and an indication of whether the structure contains a basement.
- (f) Where applicable pursuant to s. 5.1(4), the applicant must submit certifications by a registered professional engineer or architect that the structural design and methods of construction meet accepted standards of practice as required by s. 5.1(4).

(4) OTHER PERMITS

Prior to obtaining a floodplain development permit the applicant must secure all necessary permits from federal, state, and local agencies, including but not limited to those required by the U.S. Army Corps of Engineers under s. 404 of the Federal Water Pollution Control Act, Amendments of 1972, 33 U.S.C. 1344.

7.2 ZONING AGENCY

(1) The Planning Commission shall:

- (a) oversee the functions of the office of the zoning administrator; and

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- (b) review and advise the governing body on all proposed amendments to this ordinance, maps and text.
- (c) publish adequate notice pursuant to Ch. 985, Stats., specifying the date, time, place and subject of the public hearing.
- (2) The Planning Commission shall not:
 - (a) grant variances to the terms of the ordinance in place of action by the Board of Adjustment/Appeals; or
 - (b) amend the text or zoning maps in place of official action by the governing body.

7.3 BOARD OF APPEALS

The Board of Appeals, created under s. 62.23(7)(e), Stats., for cities or villages, is hereby authorized or shall be appointed to act for the purposes of this ordinance. The Board shall exercise the powers conferred by Wisconsin Statutes and adopt rules for the conduct of business. The zoning administrator shall not be the secretary of the Board.

(1) POWERS AND DUTIES

The Board of Appeals shall:

- (a) Appeals - Hear and decide appeals where it is alleged there is an error in any order, requirement, decision or determination made by an administrative official in the enforcement or administration of this ordinance;
- (b) Boundary Disputes - Hear and decide disputes concerning the district boundaries shown on the official floodplain zoning map; and
- (c) Variances - Hear and decide, upon appeal, variances from the ordinance standards.

(2) APPEALS TO THE BOARD

- (a) Appeals to the board may be taken by any person aggrieved, or by any officer or department of the municipality affected by any decision of the zoning administrator or other administrative officer. Such appeal shall be taken within 30 days unless otherwise provided by the rules of the board, by filing with the official whose decision is in question, and with the board, a notice of appeal specifying the reasons for the appeal. The official whose decision is in question shall transmit to the board all records regarding the matter appealed.

(b) NOTICE AND HEARING FOR APPEALS INCLUDING VARIANCES

1. Notice - The board shall:

- a. Fix a reasonable time for the hearing;
- b. Publish adequate notice pursuant to Wisconsin Statutes, specifying the date, time, place and subject of the hearing; and
- c. Assure that notice shall be mailed to the parties in interest and the Department Regional office at least 10 days in advance of the hearing.

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2. Hearing - Any party may appear in person or by agent. The board shall:

- a. Resolve boundary disputes according to s. 7.3(3);
- b. Decide variance applications according to s. 7.3(4); and
- c. Decide appeals of permit denials according to s. 7.4.

(c) DECISION: The final decision regarding the appeal or variance application shall:

1. Be made within a reasonable time;
2. Be sent to the Department Regional office within 10 days of the decision;
3. Be a written determination signed by the chairman or secretary of the Board;
4. State the specific facts which are the basis for the Board's decision;
5. Either affirm, reverse, vary or modify the order, requirement, decision or determination appealed, in whole or in part, dismiss the appeal for lack of jurisdiction or grant or deny the variance application; and
6. Include the reasons for granting an appeal, describing the hardship demonstrated by the applicant in the case of a variance, clearly stated in the recorded minutes of the Board proceedings.

(3) BOUNDARY DISPUTES

The following procedure shall be used by the Board in hearing disputes concerning floodplain district boundaries:

- (a) If a floodplain district boundary is established by approximate or detailed floodplain studies, the flood elevations or profiles shall prevail in locating the boundary.
- (b) The person contesting the boundary location shall be given a reasonable opportunity to present arguments and technical evidence to the Board; and
- (c) If the boundary is incorrectly mapped, the Board should inform the zoning committee or the person contesting the boundary location to petition the governing body for a map amendment according to s. 8.0 *Amendments*.

(4) VARIANCE

- (a) The Board may, upon appeal, grant a variance from the standards of this ordinance if an applicant convincingly demonstrates that:
 1. Literal enforcement of the ordinance will cause unnecessary hardship;
 2. The hardship is due to adoption of the floodplain ordinance and unique property conditions, not common to adjacent lots or premises. In such case the ordinance or map must be amended;
 3. The variance is not contrary to the public interest; and

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4. The variance is consistent with the purpose of this ordinance in s. 1.3.
- (b) In addition to the criteria in subd. (a), to qualify for a variance under FEMA regulations, the Board must find that the following criteria have been met:
 1. The variance shall not cause any increase in the regional flood elevation;
 2. The applicant has shown good and sufficient cause for issuance of the variance;
 3. Failure to grant the variance would result in exceptional hardship;
 4. Granting the variance will not result in additional threats to public safety, extraordinary expense, create a nuisance, cause fraud on or victimization of the public, or conflict with existing local laws or ordinances;
 5. The variance granted is the minimum necessary, considering the flood hazard, to afford relief.
- (c) A variance shall not:
 1. Grant, extend or increase any use prohibited in the zoning district;
 2. Be granted for a hardship based solely on an economic gain or loss;
 3. Be granted for a hardship which is self-created.
 4. Damage the rights or property values of other persons in the area;
 5. Allow actions without the amendments to this ordinance or map(s) required in s. 8.0 *Amendments*; and
 6. Allow any alteration of an historic structure, including its use, which would preclude its continued designation as an historic structure.
- (d) When a floodplain variance is granted the Board shall notify the applicant in writing that it may increase risks to life and property and flood insurance premiums could increase up to \$25.00 per \$100.00 of coverage. A copy shall be maintained with the variance record.

7.4 TO REVIEW APPEALS OF PERMIT DENIALS

- (1) The Zoning Agency (s. 7.2) or Board shall review all data related to the appeal. This may include:
 - (a) Permit application data listed in s. 7.1(2);
 - (b) Floodway/floodfringe determination data in s. 5.1(5);
 - (c) Data listed in s. 3.3(1)(b) where the applicant has not submitted this information to the zoning administrator; and

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- (d) Other data submitted with the application or submitted to the Board with the appeal.
- (2) For appeals of all denied permits the Board shall:
 - (a) Follow the procedures of s. 7.3;
 - (b) Consider zoning agency recommendations; and
 - (c) Either uphold the denial or grant the appeal.
- (3) For appeals concerning increases in regional flood elevation the Board shall:
 - (a) Uphold the denial where the Board agrees with the data showing an increase in flood elevation. Increases may only be allowed after amending the flood profile and map and all appropriate legal arrangements are made with all adversely affected property owners as per the requirements of s. 8.0 *Amendments*; and
 - (b) Grant the appeal where the Board agrees that the data properly demonstrates that the project does not cause an increase provided no other reasons for denial exist.

7.5 FLOODPROOFING STANDARDS

- (1) No permit or variance shall be issued for a non-residential structure designed to be watertight below the regional flood elevation until the applicant submits a plan certified by a registered professional engineer or architect that the floodproofing measures will protect the structure or development to or above the flood protection elevation and submits a FEMA Floodproofing Certificate. Floodproofing is not an alternative to the development standards in ss. 2.0, 3.0, 4.0, 5.1, or 5.3.
- (2) For a structure designed to allow the entry of floodwaters, no permit or variance shall be issued until the applicant submits a plan either:
 - (a) certified by a registered professional engineer or architect; or
 - (b) meeting or exceeding the following standards:
 - 1. a minimum of two openings having a total net area of not less than one square inch for every square foot of enclosed area subject to flooding;
 - 2. the bottom of all openings shall be no higher than one-foot above grade; and
 - 3. openings may be equipped with screens, louvers, valves, or other coverings or devices provided that they permit the automatic entry and exit of floodwaters.
- (3) Floodproofing measures shall be designed, as appropriate, to:
 - (a) Withstand flood pressures, depths, velocities, uplift and impact forces and other regional flood factors;
 - (b) Protect structures to the flood protection elevation;

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- (c) Anchor structures to foundations to resist flotation and lateral movement;
- (d) Minimize or eliminate infiltration of flood waters;
- (e) Minimize or eliminate discharges into flood waters;
- (f) Placement of essential utilities to or above the flood protection elevation; and
- (g) If any part of the foundation below the flood protection elevation is enclosed, the following standards shall apply:
 - 1. The enclosed area shall be designed by a registered architect or engineer to allow for the efficient entry and exit of flood waters without human intervention. A minimum of two openings must be provided with a minimum net area of at least one square inch for every one square foot of the enclosed area. The lowest part of the opening can be no more than 12 inches above the adjacent grade;
 - 2. The parts of the foundation located below the flood protection elevation must be constructed of flood-resistant materials;
 - 3. Mechanical and utility equipment must be elevated or floodproofed to or above the flood protection elevation; and
 - 4. The use must be limited to parking, building access or limited storage.

7.6 PUBLIC INFORMATION

- (1) Place marks on structures to show the depth of inundation during the regional flood.
- (2) All maps, engineering data and regulations shall be available and widely distributed.
- (3) Real estate transfers should show what floodplain district any real property is in.

100-278 AMENDMENTS

Obstructions or increases may only be permitted if amendments are made to this ordinance, the official floodplain zoning maps, floodway lines and water surface profiles, in accordance with s. 8.1.

- (1) In AE Zones with a mapped floodway, no obstructions or increases shall be permitted unless the applicant receives a Conditional Letter of Map Revision from FEMA and amendments are made to this ordinance, the official floodplain zoning maps, floodway lines and water surface profiles, in accordance with s. 8.1. Any such alterations must be reviewed and approved by FEMA and the DNR.
- (2) In A Zones increases equal to or greater than 1.0 foot may only be permitted if the applicant receives a Conditional Letter of Map Revision from FEMA and amendments are made to this ordinance, the official floodplain maps, floodway lines, and water surface profiles, in accordance with s. 8.1.

8.1 GENERAL

The governing body shall change or supplement the floodplain zoning district boundaries and this ordinance in the manner outlined in s. 8.2 below. Actions which require an

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amendment to the ordinance and/ or submittal of a Letter of Map Change (LOMC) include, but are not limited to, the following:

- (1) Any fill or floodway encroachment that obstructs flow causing any increase in the regional flood height;
- (2) Any change to the floodplain boundaries and/or watercourse alterations on the FIRM;
- (3) Any changes to any other officially adopted floodplain maps listed in s. 1.5 (2)(b);
- (4) Any floodplain fill which raises the elevation of the filled area to a height at or above the flood protection elevation and is contiguous to land lying outside the floodplain;
- (5) Correction of discrepancies between the water surface profiles and floodplain maps;
- (6) Any upgrade to a floodplain zoning ordinance text required by s. NR 116.05, Wis. Adm. Code, or otherwise required by law, or for changes by the municipality; and
- (7) All channel relocations and changes to the maps to alter floodway lines or to remove an area from the floodway or the floodfringe that is based on a base flood elevation from a FIRM requires prior approval by FEMA.

8.2 PROCEDURES

Ordinance amendments may be made upon petition of any party according to the provisions of s. 62.23, Stats., for cities and villages. The petitions shall include all data required by s. 5.1(5) and 7.1(2). The Land Use Permit shall not be issued until a Letter of Map Revision is issued by FEMA for the proposed changes.

- (1) The proposed amendment shall be referred to the zoning agency for a public hearing and recommendation to the governing body. The amendment and notice of public hearing shall be submitted to the Department Regional office for review prior to the hearing. The amendment procedure shall comply with the provisions of s. 62.23, Stats., for cities and villages.
- (2) No amendments shall become effective until reviewed and approved by the Department.
- (3) All persons petitioning for a map amendment that obstructs flow causing any increase in the regional flood height, shall obtain flooding easements or other appropriate legal arrangements from all adversely affected property owners and notify local units of government before the amendment can be approved by the governing body.

100-279 ENFORCEMENT AND PENALTIES

Any violation of the provisions of this ordinance by any person shall be unlawful and shall be referred to the municipal attorney who shall expeditiously prosecute all such violators. A violator shall, upon conviction, forfeit to the municipality a penalty of not more than \$50.00 (fifty dollars), together with a taxable cost of such action. Each day of continued violation shall constitute a separate offense. Every violation of this ordinance is a public nuisance and the creation may be enjoined and the maintenance may be abated by action at suit of the municipality, the state, or any citizen thereof pursuant to s. 87.30, Stats.

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100-280 DEFINITIONS

Unless specifically defined, words and phrases in this ordinance shall have their common law meaning and shall be applied in accordance with their common usage. Words used in the present tense include the future, the singular number includes the plural and the plural number includes the singular. The word "may" is permissive, "shall" is mandatory and is not discretionary.

1. A ZONES – Those areas shown on the Official Floodplain Zoning Map which would be inundated by the regional flood. These areas may be numbered or unnumbered A Zones. The A Zones may or may not be reflective of flood profiles, depending on the availability of data for a given area.
2. AH ZONE – See “AREA OF SHALLOW FLOODING”.
3. AO ZONE – See “AREA OF SHALLOW FLOODING”.
4. ACCESSORY STRUCTURE OR USE – A facility, structure, building or use which is accessory or incidental to the principal use of a property, structure or building. An accessory structure shall not be used for human habitation.
5. ALTERATION – An enhancement, upgrade or substantial change or modification other than an addition or repair to a dwelling or to electrical, plumbing, heating, ventilating, air conditioning and other systems within a structure.
6. AREA OF SHALLOW FLOODING – A designated AO, AH, AR/AO, AR/AH, or VO zone on a community’s Flood Insurance Rate Map (FIRM) with a 1 percent or greater annual chance of flooding to an average depth of 1 to 3 feet where a clearly defined channel does not exist, where the path of flooding is unpredictable, and where velocity flood may be evident. Such flooding is characterized by ponding or sheet flow.
7. BASE FLOOD – Means the flood having a one percent chance of being equaled or exceeded in any given year, as published by FEMA as part of a FIS and depicted on a FIRM.
8. BASEMENT – Any enclosed area of a building having its floor sub-grade on all sides.
9. BREAKAWAY WALL – A wall that is not part of the structural support of the building and is intended through its design and construction to collapse under specific lateral loading forces, without causing damage to the elevated portion of the building or supporting foundation system.
10. BUILDING – See STRUCTURE.
11. BULKHEAD LINE – A geographic line along a reach of navigable water that has been adopted by a municipal ordinance and approved by the Department pursuant to s. 30.11, Stats., and which allows limited filling between this bulkhead line and the original ordinary highwater mark, except where such filling

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is prohibited by the floodway provisions of this ordinance.

12. CAMPGROUND – Any parcel of land which is designed, maintained, intended or used for the purpose of providing sites for nonpermanent overnight use by 4 or more camping units, or which is advertised or represented as a camping area.
13. CAMPING UNIT – Any portable device, no more than 400 square feet in area, used as a temporary shelter, including but not limited to a camping trailer, motor home, bus, van, pick-up truck, or tent that is fully licensed, if required, and ready for highway use.
14. CERTIFICATE OF COMPLIANCE – A certification that the construction and the use of land or a building, the elevation of fill or the lowest floor of a structure is in compliance with all of the provisions of this ordinance.
15. CHANNEL – A natural or artificial watercourse with definite bed and banks to confine and conduct normal flow of water.
16. COASTAL FLOODPLAIN – An area along the coast of Lake Michigan or Lake Superior which is inundated by the regional flood and which is also subject to additional hazard due to wave runup.
17. COASTAL HIGH HAZARD AREA – An area of special flood hazard extending from offshore to the inland limit of a primary frontal dune along an open coast, and any other area subject to high velocity wave action from storms.
18. CRAWLWAYS or CRAWL SPACE – An enclosed area below the first usable floor of a building, generally less than five feet in height, used for access to plumbing and electrical utilities.
19. DECK – An unenclosed exterior structure that has no roof or sides and has a permeable floor which allows the infiltration of precipitation.
20. DEPARTMENT – The Wisconsin Department of Natural Resources.
21. DEVELOPMENT – Any artificial change to improved or unimproved real estate, including, but not limited to, the construction of buildings, structures or accessory structures; the construction of additions or alterations to buildings, structures or accessory structures; the repair of any damaged structure or the improvement or renovation of any structure, regardless of percentage of damage or improvement; the placement of buildings or structures; subdivision layout and site preparation; mining, dredging, filling, grading, paving, excavation or drilling operations; the storage, deposition or extraction of materials or equipment; and the installation, repair or removal of public or private sewage disposal systems or water supply facilities.
22. DRYLAND ACCESS – A vehicular access route which is above the regional flood elevation and which connects land located in the floodplain to land outside the floodplain, such as a road with its surface above regional flood elevation and wide enough for wheeled rescue and relief vehicles.

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23. ENCROACHMENT – Any fill, structure, equipment, use or development in the floodway.
24. FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA) – The federal agency that administers the National Flood Insurance Program.
25. FLOOD INSURANCE RATE MAP (FIRM) – A map of a community on which the Federal Insurance Administration has delineated both the floodplain and the risk premium zones applicable to the community. This map can only be amended by the Federal Emergency Management Agency.
26. FLOOD or FLOODING – A general and temporary condition of partial or complete inundation of normally dry land areas caused by one of the following conditions:
 - The overflow or rise of inland waters;
 - The rapid accumulation or runoff of surface waters from any source;
 - The inundation caused by waves or currents of water exceeding anticipated cyclical levels along the shore of Lake Michigan or Lake Superior; or
 - The sudden increase caused by an unusually high water level in a natural body of water, accompanied by a severe storm, or by an unanticipated force of nature, such as a seiche, or by some similarly unusual event.
27. FLOOD FREQUENCY – The probability of a flood occurrence which is determined from statistical analyses. The frequency of a particular flood event is usually expressed as occurring, on the average once in a specified number of years or as a percent (%) chance of occurring in any given year.
28. FLOODFRINGE – That portion of the floodplain outside of the floodway which is covered by flood waters during the regional flood and associated with standing water rather than flowing water.
29. FLOOD HAZARD BOUNDARY MAP – A map designating approximate flood hazard areas. Flood hazard areas are designated as unnumbered A-Zones and do not contain floodway lines or regional flood elevations. This map forms the basis for both the regulatory and insurance aspects of the National Flood Insurance Program (NFIP) until superseded by a Flood Insurance Study and a Flood Insurance Rate Map.
30. FLOOD INSURANCE STUDY – A technical engineering examination, evaluation, and determination of the local flood hazard areas. It provides maps designating those areas affected by the regional flood and provides both flood insurance rate zones and base flood elevations and may provide floodway lines. The flood hazard areas are designated as numbered and unnumbered A-Zones. Flood Insurance Rate Maps, that accompany the Flood Insurance Study, form the basis for both the regulatory and the insurance aspects of the National Flood Insurance Program.
31. FLOODPLAIN – Land which has been or may be covered by flood water during the regional flood. It includes the floodway and the floodfringe and may include other designated floodplain areas for regulatory purposes.

**VILLAGE OF MUKWONAGO
WAUKESHA AND WALWORTH COUNTIES**

- 32. FLOODPLAIN ISLAND – A natural geologic land formation within the floodplain that is surrounded, but not covered, by floodwater during the regional flood.
- 33. FLOODPLAIN MANAGEMENT – Policy and procedures to ensure wise use of floodplains, including mapping and engineering, mitigation, education, and administration and enforcement of floodplain regulations.
- 34. FLOOD PROFILE – A graph or a longitudinal profile line showing the relationship of the water surface elevation of a flood event to locations of land surface elevations along a stream or river.
- 35. FLOODPROOFING – Any combination of structural provisions, changes or adjustments to properties and structures, water and sanitary facilities and contents of buildings subject to flooding, for the purpose of reducing or eliminating flood damage.
- 36. FLOOD PROTECTION ELEVATION – An elevation of two feet of freeboard above the Regional Flood Elevation. (Also see: FREEBOARD.)
- 37. FLOOD STORAGE – Those floodplain areas where storage of floodwaters has been taken into account during analysis in reducing the regional flood discharge.
- 38. FLOODWAY – The channel of a river or stream and those portions of the floodplain adjoining the channel required to carry the regional flood discharge.
- 39. FREEBOARD – A safety factor expressed in terms of a specified number of feet above a calculated flood level. Freeboard compensates for any factors that cause flood heights greater than those calculated, including ice jams, debris accumulation, wave action, obstruction of bridge openings and floodways, the effects of watershed urbanization, loss of flood storage areas due to development and aggregation of the river or stream bed.
- 40. HABITABLE STRUCTURE – Any structure or portion thereof used or designed for human habitation.
- 41. HEARING NOTICE – Publication or posting meeting the requirements of Ch. 985, Stats. For appeals, a Class 1 notice, published once at least one week (7 days) before the hearing, is required. For all zoning ordinances and amendments, a Class 2 notice, published twice, once each week consecutively, the last at least a week (7 days) before the hearing. Local ordinances or bylaws may require additional notice, exceeding these minimums.
- 42. HIGH FLOOD DAMAGE POTENTIAL – Damage that could result from flooding that includes any danger to life or health or any significant economic loss to a structure or building and its contents.
- 43. HIGHEST ADJACENT GRADE – The highest natural elevation of the ground surface prior to construction next to the proposed walls of a structure.

**VILLAGE OF MUKWONAGO
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44. HISTORIC STRUCTURE – Any structure that is either:
- Listed individually in the National Register of Historic Places or preliminarily determined by the Secretary of the Interior as meeting the requirements for individual listing on the National Register;
 - Certified or preliminarily determined by the Secretary of the Interior as contributing to the historical significance of a registered historic district or a district preliminarily determined by the Secretary to qualify as a registered historic district;
 - Individually listed on a state inventory of historic places in states with historic preservation programs which have been approved by the Secretary of the Interior; or
 - Individually listed on a local inventory of historic places in communities with historic preservation programs that have been certified either by an approved state program, as determined by the Secretary of the Interior; or by the Secretary of the Interior in states without approved programs.
45. INCREASE IN REGIONAL FLOOD HEIGHT – A calculated upward rise in the regional flood elevation greater than 0.00 foot, based on a comparison of existing conditions and proposed conditions which is directly attributable to development in the floodplain but not attributable to manipulation of mathematical variables such as roughness factors, expansion and contraction coefficients and discharge.
46. LAND USE – Any nonstructural use made of unimproved or improved real estate. (Also see DEVELOPMENT.)
47. LOWEST ADJACENT GRADE – Elevation of the lowest ground surface that touches any of the exterior walls of a building.
48. LOWEST FLOOR – The lowest floor of the lowest enclosed area (including basement).
49. MAINTENANCE – The act or process of ordinary upkeep and repairs, including redecorating, refinishing, nonstructural repairs, or the replacement of existing fixtures, systems or equipment with equivalent fixtures, systems or structures.
50. MANUFACTURED HOME – A structure transportable in one or more sections, which is built on a permanent chassis and is designed to be used with or without a permanent foundation when connected to required utilities. The term "manufactured home" includes a mobile home but does not include a "mobile recreational vehicle."
51. MOBILE/MANUFACTURED HOME PARK OR SUBDIVISION – A parcel (or contiguous parcels) of land, divided into two or more manufactured home lots for rent or sale.
52. MOBILE/MANUFACTURED HOME PARK OR SUBDIVISION, EXISTING – A parcel of land, divided into two or more manufactured home lots for rent or sale, on which the construction of facilities for servicing the lots is completed before the effective date of this ordinance. At a minimum, this would include the

**VILLAGE OF MUKWONAGO
WAUKESHA AND WALWORTH COUNTIES**

installation of utilities, the construction of streets and either final site grading or the pouring of concrete pads.

53. **MOBILE/MANUFACTURED HOME PARK, EXPANSION TO EXISTING** – The preparation of additional sites by the construction of facilities for servicing the lots on which the manufactured homes are to be affixed. This includes installation of utilities, construction of streets and either final site grading, or the pouring of concrete pads.
54. **MOBILE RECREATIONAL VEHICLE** – A vehicle which is built on a single chassis, 400 square feet or less when measured at the largest horizontal projection, designed to be self-propelled, carried or permanently towable by a licensed, light-duty vehicle, is licensed for highway use if registration is required and is designed primarily not for use as a permanent dwelling, but as temporary living quarters for recreational, camping, travel or seasonal use. Manufactured homes that are towed or carried onto a parcel of land, but do not remain capable of being towed or carried, including park model homes, do not fall within the definition of "mobile recreational vehicles."
55. **MODEL, CORRECTED EFFECTIVE** – A hydraulic engineering model that corrects any errors that occur in the Duplicate Effective Model, adds any additional cross sections to the Duplicate Effective Model, or incorporates more detailed topographic information than that used in the current effective model.
56. **MODEL, DUPLICATE EFFECTIVE** – A copy of the hydraulic analysis used in the effective FIS and referred to as the effective model.
57. **MODEL, EFFECTIVE** – The hydraulic engineering model that was used to produce the current effective Flood Insurance Study.
58. **MODEL, EXISTING (PRE-PROJECT)** – A modification of the Duplicate Effective Model or Corrected Effective Model to reflect any man made modifications that have occurred within the floodplain since the date of the effective model but prior to the construction of the project for which the revision is being requested. If no modification has occurred since the date of the effective model, then this model would be identical to the Corrected Effective Model or Duplicate Effective Model.
59. **MODEL, REVISED (POST-PROJECT)** – A modification of the Existing or Pre-Project Conditions Model, Duplicate Effective Model or Corrected Effective Model to reflect revised or post-project conditions.
60. **MODERATE WAVE ACTION AREA (MoWA)** – A special flood hazard area subject to the potential for breaking wave heights of greater than or equal to 1.5 feet, but less than 3 feet, where the primary source of flooding is astronomical tides, storm surges, seiches, and/or tsunamis. A MoWA is an area within zone AE on a FIRM that is between the inland limit of zone VE and a Limit of Moderate Wave Action, where identified. (Also known as "coastal A zone")
61. **MUNICIPALITY or MUNICIPAL** – The county, city or village governmental units enacting, administering and enforcing this zoning ordinance.

**VILLAGE OF MUKWONAGO
WAUKESHA AND WALWORTH COUNTIES**

- 62. NAVD or NORTH AMERICAN VERTICAL DATUM – Elevations referenced to mean sea level datum, 1988 adjustment.
- 63. NGVD or NATIONAL GEODETIC VERTICAL DATUM – Elevations referenced to mean sea level datum, 1929 adjustment.
- 64. NEW CONSTRUCTION – Structures for which the start of construction commenced on or after the effective date of a floodplain zoning regulation adopted by this community and includes any subsequent improvements to such structures.
- 65. NON-FLOOD DISASTER – A fire or an ice storm, tornado, windstorm, mudslide or other destructive act of nature, but excludes a flood.
- 66. NONCONFORMING STRUCTURE – An existing lawful structure or building which is not in conformity with the dimensional or structural requirements of this ordinance for the area of the floodplain which it occupies. (For example, an existing residential structure in the floodfringe district is a conforming use. However, if the lowest floor is lower than the flood protection elevation, the structure is nonconforming.)
- 67. NONCONFORMING USE – An existing lawful use or accessory use of a structure or building which is not in conformity with the provisions of this ordinance for the area of the floodplain which it occupies. (Such as a residence in the floodway.)
- 68. OBSTRUCTION TO FLOW – Any development which blocks the conveyance of floodwaters such that this development alone or together with any future development will cause an increase in regional flood height.
- 69. OFFICIAL FLOODPLAIN ZONING MAP – That map, adopted and made part of this ordinance, as described in s. 1.5(2), which has been approved by the Department and FEMA.
- 70. OPEN SPACE USE – Those uses having a relatively low flood damage potential and not involving structures.
- 71. ORDINARY HIGHWATER MARK – The point on the bank or shore up to which the presence and action of surface water is so continuous as to leave a distinctive mark such as by erosion, destruction or prevention of terrestrial vegetation, predominance of aquatic vegetation, or other easily recognized characteristic.
- 72. PERSON – An individual, or group of individuals, corporation, partnership, association, municipality or state agency.
- 73. PRIMARY FRONTAL DUNE – A continuous or nearly continuous mound or ridge of sand with relatively steep seaward and landward slopes immediately landward and adjacent to the beach and subject to erosion and overtopping from

**VILLAGE OF MUKWONAGO
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high tides and waves during major coastal storms. The inland limit of the primary frontal dune occurs at the point where there is a distinct change from a relatively steep slope to a relatively mild slope.

74. PRIVATE SEWAGE SYSTEM – A sewage treatment and disposal system serving one structure with a septic tank and soil absorption field located on the same parcel as the structure. It also means an alternative sewage system approved by the Department of Safety and Professional Services, including a substitute for the septic tank or soil absorption field, a holding tank, a system serving more than one structure or a system located on a different parcel than the structure.
75. PUBLIC UTILITIES – Those utilities using underground or overhead transmission lines such as electric, telephone and telegraph, and distribution and collection systems such as water, sanitary sewer and storm sewer.
76. REASONABLY SAFE FROM FLOODING – Means base flood waters will not inundate the land or damage structures to be removed from the floodplain and that any subsurface waters related to the base flood will not damage existing or proposed buildings.
77. REGIONAL FLOOD – A flood determined to be representative of large floods known to have occurred in Wisconsin. A regional flood is a flood with a one percent chance of being equaled or exceeded in any given year, and if depicted on the FIRM, the RFE is equivalent to the BFE.
78. SAND DUNES – Naturally occurring accumulations of sand in ridges or mounds landward of the beach.
79. START OF CONSTRUCTION – The date the building permit was issued, provided the actual start of construction, repair, reconstruction, rehabilitation, addition, placement, or other improvement was within 180 days of the permit date. The actual start means either the first placement of permanent construction on a site, such as the pouring of slab or footings, the installation of piles, the construction of columns, or any work beyond initial excavation, or the placement of a manufactured home on a foundation. Permanent construction does not include land preparation, such as clearing, grading and filling, nor does it include the installation of streets and/or walkways, nor does it include excavation for a basement, footings, piers or foundations or the erection of temporary forms, nor does it include the installation on the property of accessory buildings, such as garages or sheds not occupied as dwelling units or not part of the main structure. For an alteration, the actual start of construction means the first alteration of any wall, ceiling, floor or other structural part of a building, whether or not that alteration affects the external dimensions of the building.
80. STRUCTURE – Any manmade object with form, shape and utility, either permanently or temporarily attached to, placed upon or set into the ground, stream bed or lake bed, including, but not limited to, roofed and walled buildings, gas or liquid storage tanks, bridges, dams and culverts.

**VILLAGE OF MUKWONAGO
WAUKESHA AND WALWORTH COUNTIES**

- 81. SUBDIVISION – Has the meaning given in s. 236.02(12), Wis. Stats.
- 82. SUBSTANTIAL DAMAGE – Damage of any origin sustained by a structure, whereby the cost of restoring the structure to its pre-damaged condition would equal or exceed 50 percent of the equalized assessed value of the structure before the damage occurred.
- 83. SUBSTANTIAL IMPROVEMENT – Any repair, reconstruction, rehabilitation, addition or improvement of a building or structure, the cost of which equals or exceeds 50 percent of the equalized assessed value of the structure before the improvement or repair is started. If the structure has sustained substantial damage, any repairs are considered substantial improvement regardless of the work performed. The term does not include either any project for the improvement of a building required to correct existing health, sanitary or safety code violations identified by the building official and that are the minimum necessary to assure safe living conditions; or any alteration of a historic structure provided that the alteration will not preclude the structure's continued designation as a historic structure.
- 84. UNNECESSARY HARDSHIP – Where special conditions affecting a particular property, which were not self-created, have made strict conformity with restrictions governing areas, setbacks, frontage, height or density unnecessarily burdensome or unreasonable in light of the purposes of the ordinance.
- 85. VARIANCE – An authorization by the board of adjustment or appeals for the construction or maintenance of a building or structure in a manner which is inconsistent with dimensional standards (not uses) contained in the floodplain zoning ordinance.
- 86. VIOLATION – The failure of a structure or other development to be fully compliant with the floodplain zoning ordinance. A structure or other development without required permits, lowest floor elevation documentation, floodproofing certificates or required floodway encroachment calculations is presumed to be in violation until such time as that documentation is provided.
- 87. WATERSHED – The entire region contributing runoff or surface water to a watercourse or body of water.
- 88. WATER SURFACE PROFILE – A graphical representation showing the elevation of the water surface of a watercourse for each position along a reach of river or stream at a certain flood flow. A water surface profile of the regional flood is used in regulating floodplain areas.
- 89. WELL – means an excavation opening in the ground made by digging, boring, drilling, driving or other methods, to obtain groundwater regardless of its intended use.

100-281 (Reserved)

**VILLAGE OF MUKWONAGO
WAUKESHA AND WALWORTH COUNTIES**

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SECTION II. All Ordinances or parts of Ordinances contravening the terms and conditions of this Ordinance are hereby to that extent repealed.

SECTION III. Severability. If any portion of this Ordinance is invalid or unconstitutional, or the application of this Ordinance to any person or circumstances is invalid or unconstitutional, such invalidity or unconstitutionality shall not affect the other provisions or applications of this Ordinance which can be given effect without the invalid or unconstitutional provisions or applications.

SECTION IV. Effective Date. This Ordinance shall take effect upon passage and publication as provided by law.

PASSED AND ADOPTED by the Village Board this _____ day of _____, 2022.

APPROVED:

Fred Winchowky, Village President

Countersigned:

Diana Dykstra, Village Clerk/Treasurer

VILLAGE OF MUKWONAGO PURCHASE REQUISITION

PLEASE TYPE OR PRINT IN INK CLEARLY ON THIS FORM

DATE:	02/07/2022	NUMBER:	
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VENDOR NAME & ADDRESS:	SHIP TO:
Ewald Automotive Group 36833 E Wisconsin Ave. Oconomowoc, WI 53066	Village of Mukwonago Police Department 627 S. Rochester Street Mukwonago, WI 53149

DEPT NAME:	SUGGESTED VENDOR	AUTHORIZED SIGNATURE
Police Department	Ewald Automotive Group	<i>Chief Daniel Streit</i>

BUDGETED ITEM?	Yes	BUDGETED SOURCE:	Capital Budget
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<u>ITEM</u>	<u>QTY</u>	<u>DESCRIPTION</u>	<u>UNIT PRICE</u>	<u>AMOUNT</u>	<u>ACCT #</u>
1	3	2021 Chevrolet Tahoe	\$39,932.00	\$119,796	#430-5700-5711
			TOTAL	\$150,405.00	

FINANCE COMMITTEE USE ONLY	
APPROVED (COMMITTEE INITIALS):	
DATE:	
SPECIAL INSTRUCTIONS	



Ewald Automotive Group

Scott Kussow | 262-567-5555 | skfleet@ewaldauto.com

Village of Mukwonago PD

Prepared For: Assistant Chief Chris DeMotto

(262)363-6436

cdemotto@mkpd.org

Vehicle: [Fleet] 2021 Chevrolet Tahoe (CK10706) 4WD 4dr Commercial





Ewald Automotive Group

Scott Kussow | 262-567-5555 | skfleet@ewaldauto.com

Vehicle: [Fleet] 2021 Chevrolet Tahoe (CK10706) 4WD 4dr Commercial (Complete)

Quote Worksheet

	MSRP
Base Price	\$51,300.00
Dest Charge	\$1,695.00
Total Options	(\$2,860.00)
Subtotal	\$50,135.00
Subtotal Pre-Tax Adjustments	\$0.00
Less Customer Discount	(\$10,203.00)
Subtotal Discount	(\$10,203.00)
Trade-In	\$0.00
Subtotal Trade-In	\$0.00
Taxable Price	\$39,932.00
Sales Tax	\$0.00
Subtotal Taxes	\$0.00
Subtotal Post-Tax Adjustments	\$0.00
Total Sales Price	\$39,932.00

Comments:

2022 Chevrolet Tahoe 4wd PPV to your specs as detailed. Registration fees are not included. Delivery can be anticipated 210 days plus from receipt of your order.

Dealer Signature / Date

Customer Signature / Date

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Ewald Automotive Group

Scott Kussow | 262-567-5555 | skfleet@ewaldauto.com

Vehicle: [Fleet] 2021 Chevrolet Tahoe (CK10706) 4WD 4dr Commercial (Complete)

Standard Equipment

Mechanical

Engine, 5.3L EcoTec3 V8 with Dynamic Fuel Management, Direct Injection and Variable Valve Timing, includes aluminum block construction (355 hp [265 kW] @ 5600 rpm, 383 lb-ft of torque [518 Nm] @ 4100 rpm) (STD)

Transmission, 10-speed automatic electronically controlled with overdrive, includes Traction Select System including tow/haul (Most vehicles built on or after 6-7-2021 with a V8 engine will have (NSS) Not Equipped with Automatic Stop/Start, which removes Automatic Stop/Start, Engine control stop/start disable button and its content.) (STD)

Rear axle, 3.23 ratio

Suspension Package, Premium Smooth Ride (Included and only available with (5W4) Special Service Vehicle.) (STD)

GVWR, 7500 lbs. (3402 kg) (4WD models only.) (STD)

Automatic Stop/Start (Not available with (9C1) Police Vehicle or (5W4) Special Service Vehicle.) (Standard on vehicles built before 6-7-2021. Most vehicles built on or after 6-7-2021 equipped with a V8 engine will have (NSS) Not Equipped with Automatic Stop/Start, which removes Automatic Stop/Start, Engine control stop/start disable button and its content. See dealer for details.)

Engine control, stop/start system disable button, non-latching (Standard on vehicles built before 6-7-2021. Most vehicles built on or after 6-7-2021 equipped with a V8 engine will have (NSS) Not Equipped with Automatic Stop/Start, which removes Automatic Stop/Start, Engine control stop/start disable button and its content. See dealer for details.)

Engine air filtration monitor

Fuel, gasoline, E15

Transfer case, active, single-speed, electronic Autotrac does not include neutral. Cannot be dinghy towed (4WD models only. Deleted when (NHT) Max Trailering Package is ordered.)

Differential, mechanical limited-slip

4-wheel drive

Air filter, heavy-duty

Cooling, external engine oil cooler, heavy-duty air-to-oil integral to driver side of radiator

Cooling, auxiliary transmission oil cooler, heavy-duty air-to-oil

Battery, 800 cold-cranking amps with 80 amp hour rating

Alternator, 220 amps

Trailering equipment includes trailering hitch platform, 7-wire harness with independent fused trailering circuits mated to a 7-way connector and 2" trailering receiver

Trailer sway control

Hitch Guidance

Suspension, front coil-over-shock with stabilizer bar

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Vehicle: [Fleet] 2021 Chevrolet Tahoe (CK10706) 4WD 4dr Commercial ( Complete)

Mechanical

Suspension, rear multi-link with coil springs
Steering, power
Brakes, 4-wheel antilock, 4-wheel disc with DURALIFE rotors
Exhaust, single system, single-outlet
Mechanical Jack with tools

Exterior

Wheels, 18" x 8.5" (45.7 cm x 21.6 cm) Bright Silver painted aluminum (STD)
Tires, 265/65R18SL all-season, blackwall (Standard with (PZX) 18" Bright Silver painted aluminum wheels only.) (STD)
Wheel, full-size spare, 17" (43.2 cm) steel
Tire, spare P265/70R17 all-season, blackwall
Tire carrier, lockable outside spare, winch-type mounted under frame at rear
Active aero shutters, upper
Fascia, front
Luggage rack side rails, roof-mounted, Black
Assist steps, Black with chrome accent strip
Headlamps, LED
Lamps, stop and tail, LED
Mirrors, outside heated power-adjustable, manual-folding, body-color
Mirror caps, body-color
Glass, deep-tinted (all windows, except light-tinted glass on windshield and driver- and front passenger-side glass)
Glass, acoustic, laminated
Glass, windshield shade band
Windshield, solar absorbing
Wipers, front intermittent, Rainsense
Wiper, rear intermittent with washer
Door handles, body-color
Liftgate, rear manual

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Vehicle: [Fleet] 2021 Chevrolet Tahoe (CK10706) 4WD 4dr Commercial (Complete)

Entertainment

Audio system, Chevrolet Infotainment 3 system, 8" diagonal color touchscreen AM/FM stereo. Additional features for compatible phones include: Bluetooth audio streaming for 2 active devices, voice command pass-through to phone, Apple CarPlay and Android Auto capable. (STD)

Audio system feature, 6-speaker system

SiriusXM Radio delete

Infotainment display, 8" diagonal touchscreen

Bluetooth for phone personal cell phone connectivity to vehicle audio system

Wireless Apple CarPlay/Wireless Android Auto

4G LTE Wi-Fi Hotspot capable (Standard with (UE1) OnStar only. Terms and limitations apply. See onstar.com or dealer for details.)

Interior

Seats, front 40/20/40 split-bench (Not available with (D07) center floor console and (USR) USB data ports.) (STD)

Keyless start, push button

Seat adjusters, 8-way power includes 6-way power front passenger seat with 2-way power lumbar

Seat adjusters, 10-way power includes 8-way power driver seat with 2-way power lumbar

Seats, second row 60/40 split-folding bench, manual

Seats, third row 60/40 split-folding bench, manual (Not available with (9C1) Police Vehicle or (5W4) Special Service Vehicle.)

Floor covering, Black rubberized vinyl (Deleted when (B30) floor covering is ordered.)

Electronic Precision Shift

Steering column, manual tilt and telescopic

Steering wheel, urethane

Steering wheel controls, mounted audio, Driver Information Center, cruise control and Forward Collision Alert following gap button (if equipped) (left backside Seek/Scan steering wheel radio buttons are inoperable; these 2 buttons can be repurposed for aftermarket emergency equipment)

Driver Information Center, 4.2" diagonal color display includes driver personalization

Rear Seat Reminder

Door locks, power programmable with lockout protection and delayed locking (When ordered with (9C1) Police Vehicle or (5W4) Special Service Vehicle, Auto Lockout is disabled on driver door.)

Keyless Open includes extended range Remote Keyless Entry

Cruise control, electronic with set and resume speed

Theft-deterrent system, content, electrical, unauthorized entry (When ordered with (9C1) Police Vehicle or (5W4) Special Service Vehicle, deleted when SEO (UTQ) content theft-deterrent system is ordered.)

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Vehicle: [Fleet] 2021 Chevrolet Tahoe (CK10706) 4WD 4dr Commercial (Complete)

Interior

USB charging-only ports, 4, (2) located on rear of center console and (2) in 3rd row (1 left and 1 right side below quarter glass side window) (When ordered with (9C1) Police Vehicle or (5W4) Special Service Vehicle, (2) type-C ports are moved to the rear of center seat base and (2) type-C are moved to the cargo area. Deleted when (A50) front bucket seats are ordered.)

Window, power with driver Express-Up/Down

Window, power with front passenger Express-Up/Down

Windows, power with rear Express-Down

Air conditioning, tri-zone automatic climate control with individual climate settings for driver, right front passenger and rear seat occupants

Air conditioning, rear

Defogger, rear-window electric

Power outlets, 2, 120-volt, located on the rear of the center seat and rear cargo area

Power outlet, front auxiliary, 12-volt, located in the center stack of instrument panel

Mirror, inside rearview manual day/night

Visors, driver and front passenger illuminated vanity mirrors, sliding

Assist handles, overhead, driver and front passenger, located in headliner

Assist handles, front passenger A-pillar and second row outboard B-pillar (Deleted when SEO (7X2) left- and right-hand spotlamps or SEO (7X3) left-hand spotlamp are ordered.)

Lighting, interior with dome light, driver- and passenger-side door switch with delayed entry feature, cargo lights, door handle or Remote Keyless Entry-activated illuminated entry and map lights in front and second seat positions. On Police/Special Service vehicles, the control switch is located in the roof console in lieu of the driver - and passenger-side door switch with delayed entry feature.

Cargo management system

Chevrolet Connected Access capable (Subject to terms. See onstar.com or dealer for details.)

Safety-Mechanical

Automatic Emergency Braking

Hill Start Assist

StabiliTrak, stability control system with brake assist, includes traction control

Safety-Exterior

Daytime Running Lamps, reduced intensity low beam

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Data Version: 14187. Data Updated: Jul 6, 2021 10:55:00 PM PDT.



Ewald Automotive Group

Scott Kussow | 262-567-5555 | skfleet@ewaldauto.com

Vehicle: [Fleet] 2021 Chevrolet Tahoe (CK10706) 4WD 4dr Commercial (✔ Complete)

Safety-Interior

Teen Driver a configurable feature that lets you activate customizable vehicle settings associated with a key fob, to help encourage safe driving behavior. It can limit certain available vehicle features, and it prevents certain safety systems from being turned off. An invehicle report card gives you information on driving habits and helps you to continue to coach your new driver

Airbags, Frontal airbags for driver and front outboard passenger; Seat-mounted side-impact airbags for driver and front outboard passenger; Head-curtain airbags for all rows in outboard seating positions (Included and only available with (9C1) Police Vehicle or (5W4) Special Service Vehicle. Always use seat belts and child restraints. Children are safer when properly secured in a rear seat in the appropriate child restraint. See the Owner's Manual for more information.)

Front outboard Passenger Sensing System for frontal outboard passenger airbag (Always use seat belts and child restraints. Children are safer when properly secured in a rear seat in the appropriate child restraint. See the Owner's Manual for more information.)

OnStar and Chevrolet connected services capable (Terms and limitations apply. See onstar.com or dealer for details.)

Rear Park Assist

Following Distance Indicator

HD Rear Vision Camera

Front Pedestrian Braking

Lane Keep Assist with Lane Departure Warning

Forward Collision Alert

Door locks, rear child security, manual

LATCH system (Lower Anchors and Tethers for CHildren), for child restraint seats lower anchors and top tethers located in all second-row seating positions (Deleted when (ATZ) second row seat delete is ordered.)

Tire Pressure Monitoring System auto learn, includes Tire Fill Alert (does not apply to spare tire)

Warning tones headlamp on, driver and right-front passenger seat belt unfasten and turn signal on

WARRANTY

Warranty Note: <<< Preliminary 2021 Warranty >>>

Basic Years: 3

Basic Miles/km: 36,000

Drivetrain Years: 5

Drivetrain Miles/km: 60,000

Drivetrain Note: Qualified Fleet Purchases: 5 Years/100,000 Miles

Corrosion Years (Rust-Through): 6

Corrosion Years: 3

Corrosion Miles/km (Rust-Through): 100,000

Corrosion Miles/km: 36,000

Roadside Assistance Years: 5

Roadside Assistance Miles/km: 60,000

Roadside Assistance Note: Qualified Fleet Purchases: 5 Years/100,000 Miles

Maintenance Note: 1 Year/1 Visit

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Vehicle: [Fleet] 2021 Chevrolet Tahoe (CK10706) 4WD 4dr Commercial (Complete)

Selected Model and Options

MODEL

CODE	MODEL	MSRP
CK10706	2021 Chevrolet Tahoe 4WD 4dr Commercial	\$51,300.00

COLORS

CODE	DESCRIPTION
GBA	Black

SUSPENSION PKG

CODE	DESCRIPTION	MSRP
Z56	Suspension Package, heavy-duty, police-rated Full independent suspension with monotube dampers, linear coil springs, 35mm solid front stabilizer bar and 32mm hollow rear stabilizer bar (Included and only available with (9C1) Police Vehicle.)	Inc.

EMISSIONS

CODE	DESCRIPTION	MSRP
FE9	Emissions, Federal requirements	\$0.00

ENGINE

CODE	DESCRIPTION	MSRP
L84	Engine, 5.3L EcoTec3 V8 with Dynamic Fuel Management, Direct Injection and Variable Valve Timing, includes aluminum block construction (355 hp [265 kW] @ 5600 rpm, 383 lb-ft of torque [518 Nm] @ 4100 rpm) (STD)	\$0.00

TRANSMISSION

CODE	DESCRIPTION	MSRP
MQC	Transmission, 10-speed automatic electronically controlled with overdrive, includes Traction Select System including tow/haul (Most vehicles built on or after 6-7-2021 with a V8 engine will have (NSS) Not Equipped with Automatic Stop/Start, which removes Automatic Stop/Start, Engine control stop/start disable button and its content.) (STD)	\$0.00

GVWR

CODE	DESCRIPTION	MSRP
C6C	GVWR, 7400 lbs. (3357 kg) (4WD models only. Included and only available with (9C1) Police Vehicle.)	Inc.

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Vehicle: [Fleet] 2021 Chevrolet Tahoe (CK10706) 4WD 4dr Commercial (✔ Complete)

AXLE

CODE	DESCRIPTION	MSRP
GU5	Rear axle, 3.23 ratio	\$0.00

PREFERRED EQUIPMENT GROUP

CODE	DESCRIPTION	MSRP
1FL	Commercial Preferred Equipment Group includes standard equipment	\$0.00

WHEEL TYPE

CODE	DESCRIPTION	MSRP
PXT	Wheels, 20" x 9" (50.8 cm x 22.9 cm) steel (Included and only available with (9C1) Police Vehicle.)	Inc.

TIRES

CODE	DESCRIPTION	MSRP
XCS	Tires, 275/55R20SL all-season, blackwall, Firestone Firehawk Pursuit (Included and only available with (9C1) Police Vehicle.)	Inc.

PAINT

CODE	DESCRIPTION	MSRP
GBA	Black	\$0.00

SEAT TYPE

CODE	DESCRIPTION	MSRP
AZ3	Seats, front 40/20/40 split-bench (STD)	\$0.00

SEAT TRIM

CODE	DESCRIPTION	MSRP
H1T	Jet Black, cloth seat trim (Requires (9C1) Police Vehicle or (5W4) Special Service Vehicle.)	\$0.00

RADIO

CODE	DESCRIPTION	MSRP
IOR	Audio system, Chevrolet Infotainment 3 system, 8" diagonal color touchscreen AM/FM stereo. Additional features for compatible phones include: Bluetooth audio streaming for 2 active devices, voice command pass-through to phone, Apple CarPlay and Android Auto capable. (STD)	\$0.00

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Vehicle: [Fleet] 2021 Chevrolet Tahoe (CK10706) 4WD 4dr Commercial (Complete)

ADDITIONAL EQUIPMENT - PACKAGE

CODE	DESCRIPTION	MSRP
9C1	Identifier for Police Package Vehicle includes, (K47) heavy-duty air filter, (KX4) 250 amp high output alternator, (K6K) 760 cold-cranking amps auxiliary battery, electrical power & vehicle signals for customer connection located at the center front floor. Auxiliary battery circuit for customer connection located in the rear cargo area, (Z56) heavy-duty, police-rated suspension, (XCS) 275/55R20SL all-season tires, (RAV) P275/55R20 all-season spare tire, Police brakes, (RC1) front skid plate, (PXT) 20" steel wheels, Certified speedometer, SEO (5J3) Surveillance Mode interior lighting calibration, SEO (UT7) blunt cut cargo area and blunt cut console area ground wires, (V53) delete luggage rack side rails, (ATD) third row seat delete, (NP0) active single -speed transfer case (4WD only).	(\$4,300.00)
AMF	Remote Keyless Entry Package includes 4 additional transmitters, NOTE: programming of remotes is at customer's expense. Programming remotes is not a warranty expense (Requires (9C1) Police Vehicle or (5W4) Special Service Vehicle.)	\$75.00

ADDITIONAL EQUIPMENT - MECHANICAL

CODE	DESCRIPTION	MSRP
—	Capless Fuel Fill (Included and only available with (9C1) Police Vehicle or (5W4) Special Service Vehicle.)	Inc.
J55	Brake system, heavy duty with front Brembo calipers and 16" front rotors (Included and only available with (9C1) Police Vehicle.)	Inc.
K3W	Battery, 900 cold-cranking amps with 95 amp hour rating (Included and only available with (9C1) Police Vehicle or (5W4) Special Service Vehicle.)	Inc.
K6K	Battery, auxiliary, 760 cold-cranking amps with 70 amp hour rating (packaged behind left rear cargo area panel) (Included and only available with (9C1) Police Vehicle or (5W4) Special Service Vehicle.)	Inc.
KX4	Alternator, 220 amps (Included and only available with (9C1) Police Vehicle or (5W4) Special Service Vehicle.)	Inc.
NSS	Not Equipped with Automatic Stop/Start, see dealer for details (Most vehicles built on or after 6-7-2021 with a V8 engine will have (NSS) Not Equipped with Automatic Stop/Start, which removes Automatic Stop/Start, Engine control stop/start disable button and its content.) *CREDIT*	(\$50.00)
RC1	Skid plate, front (Included and only available with (9C1) Police Vehicle or (5W4) Special Service Vehicle.)	Inc.
V03	Cooling system, extra capacity (Included and only available with (9C1) Police Vehicle or (NHT) Max Trailering Package. Not included when (LM2) Duramax 3.0L Turbo-Diesel I6 engine is ordered.)	Inc.

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Vehicle: [Fleet] 2021 Chevrolet Tahoe (CK10706) 4WD 4dr Commercial (Complete)

ADDITIONAL EQUIPMENT - EXTERIOR

CODE	DESCRIPTION	MSRP
—	Exterior ornamentation delete (front & rear Chevrolet bowties will remain) (Included and only available with (9C1) Police Vehicle or (5W4) Special Service Vehicle.)	Inc.
RAV	Tire, spare P275/55R20 all-season, blackwall, Firestone Firehawk Pursuit (Included and only available with (9C1) Police Vehicle.)	Inc.
RNQ	Wheel, full-size spare, matching 20" (50.8 cm) steel wheel without center cap (Included and only available with (9C1) Police Vehicle.)	Inc.
V53	Luggage rack side rails, delete (Included with (9C1) Police Vehicle or (5W4) Special Service Vehicle.) *CREDIT*	Inc.
WUA	Fascia, front high-approach angle (Included and only available with (9C1) Police Vehicle or (5W4) Special Service Vehicle.)	Inc.

ADDITIONAL EQUIPMENT - INTERIOR

CODE	DESCRIPTION	MSRP
—	Instrumentation, analog with certified 140 mph speedometer, odometer with trip odometer, engine hour meter, fuel level, voltmeter, engine temperature, oil pressure and tachometer (Included and only available with (9C1) Police Vehicle or (5W4) Special Service Vehicle.)	Inc.
—	Power supply, 100-amp, auxiliary battery, rear electrical center (Included and only available with (9C1) Police Vehicle or (5W4) Special Service Vehicle.)	Inc.
—	Power supply, 120-amp, (4) 30-amp circuit, Primary battery relay controlled, passenger compartment harness wiring (Included and only available with (9C1) Police Vehicle or (5W4) Special Service Vehicle.)	Inc.
—	Power supply, 50-amp, power supply, auxiliary battery passenger compartment wiring harness (Included and only available with (9C1) Police Vehicle or (5W4) Special Service Vehicle.)	Inc.
—	Theft-deterrent system, vehicle, PASS-Key III (Included and only available with (9C1) Police Vehicle or (5W4) Special Service Vehicle.)	Inc.
ATD	Seat delete, third row passenger *CREDIT*	Inc.
AU7	Key, common, fleet (Requires SEO (6E2) complete vehicle fleet common key or SEO (6E8) complete vehicle fleet common key and (9C1) Police Vehicle or (5W4) Special Service Vehicle.)	\$25.00
R7N	Not Equipped with Steering Column Lock see dealer for details (Most vehicles built on or after 7-5 -2021 will have (R7N) Not Equipped with Steering Column Lock, which deletes (N06) Steering Column Lock.) *CREDIT*	(\$50.00)
VZ2	Speedometer calibration (Included and only available with (9C1) Police Vehicle or (5W4) Special Service Vehicle.)	Inc.

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Vehicle: [Fleet] 2021 Chevrolet Tahoe (CK10706) 4WD 4dr Commercial (Complete)

ADDITIONAL EQUIPMENT - SAFETY-INTERIOR

CODE	DESCRIPTION	MSRP
—	Lane Keep Assist Delete	Inc.
—	Seat belts, 3-point, all seating positions (Included and only available with (9C1) Police Vehicle or (5W4) Special Service Vehicle.)	Inc.

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Vehicle: [Fleet] 2021 Chevrolet Tahoe (CK10706) 4WD 4dr Commercial (Complete)

ADDITIONAL EQUIPMENT - OTHER

CODE	DESCRIPTION	MSRP
5J3	Calibration, Surveillance Mode interior lighting (Included and only available with (9C1) Police Vehicle or (5W4) Special Service Vehicle.)	Inc.
5J9	Calibration taillamp flasher, Red/White (Included and only available with SEO (6J7) headlamp and taillamp flasher system. Requires (9C1) Police Vehicle or (5W4) Special Service Vehicle.)	Inc.
5LO	Calibration taillamp flasher, Red/Red (Included and only available with SEO (6J7) headlamp and taillamp flasher system. Requires (9C1) Police Vehicle or (5W4) Special Service Vehicle.)	Inc.
6C7	Lighting, red and white front auxiliary dome Red and white LED auxiliary dome lamp is located on headliner between front row seats. The auxiliary lamp is wired independently from standard dome lamp (Requires (9C1) Police Vehicle or (5W4) Special Service Vehicle.)	\$170.00
6E2	Key common, complete vehicle fleet provides a single key with a specific code that is common to the door locks of all the vehicles in the vehicle fleet. Key code is an alternate to SEO (6E8) complete vehicle fleet common key. NOTE: NOT COMPATIBLE with previous model years (Requires (AMF) Remote Keyless Entry Package, (AU7) fleet common key and (9C1) Police Vehicle or (5W4) Special Service Vehicle. Not available with SEO (6E8) complete vehicle fleet common key.)	\$25.00
6J4	Wiring, horn and siren circuit (Requires (9C1) Police Vehicle or (5W4) Special Service Vehicle.)	\$55.00
6J7	Flasher system, headlamp and taillamp, DRL compatible with control wire (Requires (9C1) Police Vehicle or (5W4) Special Service Vehicle. Includes SEO (5J9) taillamp flasher calibration, Red/White and SEO (5LO) taillamp flasher calibration, Red/Red.)	\$50.00
6N5	Switches, rear window inoperative (rear windows can only operate from driver's position.) (Requires (9C1) Police Vehicle or (5W4) Special Service Vehicle.)	\$57.00
6N6	Door locks and handles, inside rear doors inoperative (door can only be opened from outside) (Requires (9C1) Police Vehicle or (5W4) Special Service Vehicle.)	\$62.00
7X3	Spotlamp, left-hand Not available with SEO (7X2) left and right-hand spotlamps. Requires (9C1) Police Vehicle or (5W4) Special Service Vehicle.)	\$800.00
9G8	Headlamps, Daytime Running Lamps and automatic headlamp control delete deletes standard Daytime Running Lamps and automatic headlamp control features (Requires (9C1) Police Vehicle or (5W4) Special Service Vehicle.)	\$50.00
—	Protected idle allows vehicle engine to remain idling and vehicle immobilized while FOB is outside vehicle (Included and only available (9C1) Police Vehicle or (5W4) Special Service Vehicle.)	Inc.
T66	Wiring provision, for outside mirrors and cargo side mirrors (Included and only available with (9C1) Police Vehicle or (5W4) Special Service Vehicle.)	Inc.
UN9	Radio Suppression Package, with ground straps (Requires (9C1) Police Vehicle or (5W4) Special Service Vehicle.)	\$95.00
UT7	Ground wires, blunt cut cargo area and blunt cut console area (Included and only available with (9C1) Police Vehicle or (5W4) Special Service Vehicle.)	Inc.
UTQ	Theft-deterrent system content, disable, the alarm and horn become non-functional in an attempt of theft to the vehicle (Requires (9C1) Police Vehicle or (5W4) Special Service Vehicle.)	\$50.00

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Vehicle: [Fleet] 2021 Chevrolet Tahoe (CK10706) 4WD 4dr Commercial (Complete)

VXT Incomplete vehicle (Included and only available with (9C1) Police Vehicle or (5W4) Special Service Vehicle. Included and only available with (ATZ) rear seat delete.) Inc.

SHIP THRU CODES

CODE	DESCRIPTION	MSRP
VPV	Ship Thru, Produced in Arlington Assembly and shipped to Kerr Industries and onto Arlington Assembly (Requires a Fleet or Government order type.) (Included with SEO (6C7) red and white front auxiliary dome lighting, SEO (6N6) door locks and handles, SEO (7X2) left- and right-hand spotlamps, SEO (7X3) left-hand spotlamp, SEO (T53) alternate flashing Red & Blue rear compartment lid warning lamps, SEO (UN9) Radio Suppression Package, SEO (6J3) grille lamps and siren speakers wiring, SEO (6J4) horn and siren circuit wiring and SEO (WX7) auxiliary speaker wiring.)	\$0.00

CUSTOM EQUIPMENT

CODE	DESCRIPTION	MSRP
DI-1	Delivery from Oconomowoc to Mukwonago	\$26.00
Options Total		(\$2,860.00)

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Vehicle: [Fleet] 2021 Chevrolet Tahoe (CK10706) 4WD 4dr Commercial ( Complete)

Price Summary

PRICE SUMMARY	
	MSRP
Base Price	\$51,300.00
Total Options	(\$2,860.00)
Vehicle Subtotal	\$48,440.00
Destination Charge	\$1,695.00
Grand Total	\$50,135.00

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Accounts Payable Cover Sheet

Report:	Period or corresponding report date		
Village Accounts Payable	2/10/2022	\$	263,863.81

Total for Approval: \$ 263,863.81

The preceding list of bills payable was approved for payment

Date: _____

Approved by: _____

02/10/2022 09:18 AM
User: MROCKLEY
DB: Mukwonago

PENDING VILLAGE BOARD REVIEW FOR MUKWONAGO
EXP CHECK RUN DATES 02/17/2022 - 02/17/2022
BOTH JOURNALIZED AND UNJOURNALIZED OPEN AND PAID
BANK CODE: GEN - CHECK TYPE: PAPER CHECK

Page: 1/11

INVOICE NUMBER	DESCRIPTION	DISTRIBUTIONS\AMOUNTS		AMOUNT	APPROVAL DEPARTMENT	POST DATE
VENDOR NAME: 5 ALARM FIRE & SAFETY						
P01925	LION GEAR NAME PLATE BUCHHOLTZ	150-5222-531100	83.90	83.90	FIRE	02/17/2022
TOTAL VENDOR 5 ALARM FIRE & SAFETY				83.90		
VENDOR NAME: ABEDNEGO FIRE PROTECTION LLC						
151768	COMPRESSOR VALVE REPAIR	150-5222-539500	120.84	120.84	FIRE	12/31/2021
TOTAL VENDOR ABEDNEGO FIRE PROTECTION LLC				120.84		
VENDOR NAME: AIR ONE						
177445	FIRE SUPPLIES FOR PORTABLE PUMP	150-5222-531100	112.60	112.60	FIRE	02/17/2022
TOTAL VENDOR AIR ONE				112.60		
VENDOR NAME: ALSCO						
IMIL175777	VILLAGE HALL WALK OFF MATS	100-5160-521900	47.62	47.62	DPW	12/31/2021
IMIL1762202	VILLAGE HALL WALK OFF MATS	100-5160-521900	48.67	48.67	DPW	02/17/2022
IMIL1768909	MAT CLEANING SERVICE	100-5211-539400	53.01	53.01	POLICE	02/17/2022
TOTAL VENDOR ALSCO				149.30		
VENDOR NAME: AMAZON CAPITOL SERVICES						
1YK11HVDRJXQ	MIC CORD HOLDER AND USB DRIVE	100-5142-531100	50.93	50.93	CLERK	02/17/2022
1CN4QJ1MN949	DRILL BIT SETS	100-5323-531100	133.36	133.36	DPW	02/17/2022
1PXN1PKFHNJH	HANGING FILES	100-5141-531100	18.23	18.23	ADMIN	02/17/2022
TOTAL VENDOR AMAZON CAPITOL SERVICES				202.52		
VENDOR NAME: AMERICAN POWER, INC						
148644	CHAINSAW PARTS/GAS CANS	100-5611-531100	97.16	97.16	DPW	02/17/2022
148643	CHAINSAW REPAIR	100-5611-531100	79.03	79.03	DPW	02/17/2022
TOTAL VENDOR AMERICAN POWER, INC				176.19		
VENDOR NAME: AMERICAN PUBLIC WORK						
2022 MEMBERSHIP	APWA MEMBERSHIP BITTNER	100-5300-532400	237.00	237.00	DPW	02/17/2022
TOTAL VENDOR AMERICAN PUBLIC WORK				237.00		
VENDOR NAME: ASSOCIATED APPRAISAL CONSULTANT INC						
160642	FEB 2022 ASSESSOR CONTRACT	100-5153-521900	1,464.24	1,464.24	CLERK	02/17/2022
TOTAL VENDOR ASSOCIATED APPRAISAL CONSULTANT INC				1,464.24		
VENDOR NAME: BAKER TILLY VIRCHOW KRAUSE						

02/10/2022 09:18 AM
User: MROCKLEY
DB: Mukwonago

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EXP CHECK RUN DATES 02/17/2022 - 02/17/2022
BOTH JOURNALIZED AND UNJOURNALIZED OPEN AND PAID
BANK CODE: GEN - CHECK TYPE: PAPER CHECK

Page: 2/11

INVOICE NUMBER	DESCRIPTION	DISTRIBUTIONS\AMOUNTS		AMOUNT	APPROVAL DEPARTMENT	POST DATE
VENDOR NAME: BAKER TILLY VIRCHOW KRAUSE						
BT1986590	2021 AUDIT- PROGRESS BILLING #1	100-5151-521900	1,117.22	6,750.00	FINANCE	02/17/2022
		150-5221-521900	339.82			
		200-5141-521900	524.71			
		410-5363-521900	124.43			
		430-5141-521900	259.31			
		440-5511-521900	225.74			
		480-5151-521900	771.74			
		500-5344-521900	7.26			
		810-5140-521900	4.77			
		220-5151-521900	503.19			
		240-5151-521900	43.13			
		250-5151-521900	553.87			
		610-6920-692300	1,174.66			
		620-8400-852000	1,100.15			
TOTAL VENDOR BAKER TILLY VIRCHOW KRAUSE				6,750.00		
VENDOR NAME: BASSETT MECHANICAL						
659280C	WWTF HVAC BOILER MAINT. CONTRACT	620-8010-834000	739.17	739.17	UTILITIES	02/17/2022
TOTAL VENDOR BASSETT MECHANICAL				739.17		
VENDOR NAME: BEACON ATHLETICS						
0542674-IN	HOME PLATES FOR BASEBALL	100-5521-531100	390.00	390.00	DPW	02/17/2022
TOTAL VENDOR BEACON ATHLETICS				390.00		
VENDOR NAME: BEAR GRAPHICS						
0887839	AP CHECK STOCK REORDER	100-5120-531100	3.96	435.95	ALLOCATE	02/17/2022
		100-5141-531100	8.28			
		100-5142-531100	16.56			
		100-5211-531100	41.04			
		100-5241-531100	5.76			
		100-5323-531100	73.08			
		150-5221-531100	48.60			
		440-5511-531100	80.63			
		610-6902-690300	49.68			
		620-8300-840000	66.60			
		100-5145-531100	34.92			
		100-5632-531100	6.84			
TOTAL VENDOR BEAR GRAPHICS				435.95		
VENDOR NAME: BOBS GLASS SERVICE						
I151545	SATION #1 GARAGE DOOR GLASS REPLACEMENT	100-5220-539400	2,394.00	2,394.00	DPW	02/17/2022
TOTAL VENDOR BOBS GLASS SERVICE				2,394.00		
VENDOR NAME: BOUND TREE MEDICAL LLC						
84377116	EMS SUPPLIES	150-5231-531100	190.30	190.30	FIRE	02/17/2022
84387061	EMS SUPPLIES	150-5231-531100	20.10	20.10	FIRE	02/17/2022
84387060	EMS SUPPLIES	150-5231-531100	49.58	49.58	FIRE	02/17/2022

02/10/2022 09:18 AM
User: MROCKLEY
DB: Mukwonago

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EXP CHECK RUN DATES 02/17/2022 - 02/17/2022
BOTH JOURNALIZED AND UNJOURNALIZED OPEN AND PAID
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INVOICE NUMBER	DESCRIPTION	DISTRIBUTIONS\AMOUNTS		AMOUNT	APPROVAL DEPARTMENT	POST DATE
VENDOR NAME: BOUND TREE MEDICAL LLC						
TOTAL VENDOR BOUND TREE MEDICAL LLC				259.98		
VENDOR NAME: BROOKS TRACTOR						
M57499 DPW	JOHN DEERE LOADER REPLACEMENT MIRRIOR	100-5324-539500	155.52	155.52	DPW	02/17/2022
M57499 UTILITY	WWTF SKID STEER CUTTING EDGE	620-8010-825500	350.53	350.53	UTILITIES	02/17/2022
TOTAL VENDOR BROOKS TRACTOR				506.05		
VENDOR NAME: BUELOW, VETTER, BUIKEMA, OLSON						
JAN ACTIVITY 2022	GENERAL VILLAGE MATTERS	100-5141-521900	288.50	288.50	FINANCE	02/17/2022
TOTAL VENDOR BUELOW, VETTER, BUIKEMA, OLSON				288.50		
VENDOR NAME: BUREAU OF CORRECTIONAL ENTERPR						
306-191477 DPW	C FOLD TOWELS VILLAGE HALL	100-5160-531100	130.72	130.72	DPW	02/17/2022
306-191477 FIRE	STATION SUPPLIES	150-5221-531100	110.82	110.82	FIRE	02/17/2022
TOTAL VENDOR BUREAU OF CORRECTIONAL ENTERPR				241.54		
VENDOR NAME: C & M AUTO PARTS INC						
6079-348061	SQUAD 30 HEADLIGHT	100-5212-539500	8.14	8.14	POLICE	02/17/2022
6079-348083	PLOW MARKERS	100-5324-539500	79.74	79.74	DPW	02/17/2022
6079-348313	CAR 1 REPAIR	150-5222-539500	68.62	68.62	FIRE	02/17/2022
6079-348057	WWTF- AIR TOOL OIL	620-8010-827000	7.58	7.58	UTILITIES	02/17/2022
6079-348074	CAR 1 REPAIR	150-5222-539500	30.89	30.89	FIRE	02/17/2022
6079-348154	SCRAPER/SHOP SUPPLIES	100-5323-531100	21.00	21.00	DPW	02/17/2022
6079-348312	3452 CORE RETURN	150-5231-539500	(65.00)	(65.00)	FIRE	02/17/2022
6079-348516	WWTF VACTOR REPAIR PARTS	620-8030-831000	37.11	37.11	UTILITIES	02/17/2022
TOTAL VENDOR C & M AUTO PARTS INC				188.08		
VENDOR NAME: CASPERS TRUCK EQUIPMENT						
0051936-IN	WING PLOW EXTERNSION CLEVIS	100-5324-539500	119.73	119.73	DPW	02/17/2022
TOTAL VENDOR CASPERS TRUCK EQUIPMENT				119.73		
VENDOR NAME: CENTRAL OFFICE SYSTEMS						
75151770	FEBRUARY LEASE PAYMENT	100-5142-531200	23.43	165.00	ALLOCATE	02/17/2022
		150-5221-531100	21.78			
		410-5363-531200	3.30			
		440-5511-531200	8.58			
		500-5344-531200	1.65			
		610-6902-690300	54.78			
		620-8300-840000	51.48			
75147014	COPIER INVOICE	150-5221-531100	92.00	92.00	FIRE	02/17/2022
TOTAL VENDOR CENTRAL OFFICE SYSTEMS				257.00		
VENDOR NAME: CENTURY SPRINGS BOTTLING						
5058918	BOTTLED WATER	100-5323-531100	6.99	19.47	DPW	02/17/2022
		100-5160-531100	12.48			
5048661	WWTF LAB TESTING	620-8010-826000	81.99	81.99	UTILITIES	02/17/2022
TOTAL VENDOR CENTURY SPRINGS BOTTLING				101.46		

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VENDOR NAME: CENTURYLINK						
2022 JANUARY	PHONE SERVICE 2022	100-5142-522500	75.50	655.43	MULTIPLE	02/17/2022
		100-5211-522500	53.95			
		100-5323-522500	100.90			
		100-5512-522500	114.65			
		440-5511-522500	178.98			
		610-6920-692100	32.78			
		620-8400-851000	98.67			
TOTAL VENDOR CENTURYLINK				655.43		
VENDOR NAME: CINTAS						
4109782800	WATER/WWTF UNIFORM SERVICE	610-6920-693000	59.55	118.55	UTILITIES	02/17/2022
		620-8010-827000	59.00			
4109782790	SATFF UNIFORMS	100-5323-531100	118.32	118.32	DPW	02/17/2022
4109092646	WATER/WWTF UNIFORM SERVICE	610-6920-693000	59.00	118.55	UTILITIES	02/17/2022
		620-8010-827000	59.55			
4109092673	STAFF UNIFORMS	100-5323-531100	118.32	118.32	DPW	02/17/2022
TOTAL VENDOR CINTAS				473.74		
VENDOR NAME: CIT						
39384765	WWTF COPIER LEASE	620-8400-851000	88.64	88.64	UTILITIES	02/17/2022
TOTAL VENDOR CIT				88.64		
VENDOR NAME: CONLEY MEDIA, LLC						
6362410122 BILLABLE	BLUEBAY REZONE NOTICE OF PUBLIC HEARING	100-0000-211425	37.76	37.76	FINANCE	02/17/2022
6362410122 UTILITY	WATER/WWTF BID ADVERTISING	610-6920-692300	100.00	222.52	UTILITIES	02/17/2022
		620-8400-852000	122.52			
6362410122 FIRE	UTV PUBLIC NOTICE	150-5221-521900	46.34	46.34	FIRE	02/17/2022
6362410122 CLERK	LEGAL NOTICES SOLAR AND FLOOD PLAIN	100-5142-531200	33.48	72.46	CLERK	02/17/2022
		100-5142-531200	38.98			
TOTAL VENDOR CONLEY MEDIA, LLC				379.08		
VENDOR NAME: CONWAY SHIELD						
0487140	HELMET FRONTS FOR ACTING OFFICERS	150-5222-531100	161.25	161.25	FIRE	02/17/2022
TOTAL VENDOR CONWAY SHIELD				161.25		
VENDOR NAME: CORRY EIFERT						
011822	EXAM FEE	100-5241-533500	34.17	34.17	BUILDING	02/17/2022
TOTAL VENDOR CORRY EIFERT				34.17		
VENDOR NAME: DE LAGE LANDEN FINANCIAL						

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VENDOR NAME: DE LAGE LANDEN FINANCIAL					
75292564	LEASE 02/15/22 - 03/14/22 KONICA 450I	100-5142-531200 22.72	160.00	ALLOCATE	02/17/2022
		150-5221-531100 21.12			
		410-5363-531200 3.20			
		440-5511-531200 8.32			
		500-5344-531200 1.60			
		610-6902-690300 53.12			
		620-8300-840000 49.92			
75292564- POLICE	COPIER LEASE FEBRUARY INVOICE	100-5211-521900 108.00	108.00	POLICE	02/17/2022
TOTAL VENDOR DE LAGE LANDEN FINANCIAL			268.00		
VENDOR NAME: EMERGENCY MEDICAL PRODUCTS					
2316783	EMS SUPPLIES	150-5231-531100 59.99	59.99	FIRE	02/17/2022
2315836	EMS SUPPLIES	150-5231-531100 866.78	866.78	FIRE	02/17/2022
2315837	EMS SUPPLIES	150-5231-531100 408.57	408.57	FIRE	02/17/2022
TOTAL VENDOR EMERGENCY MEDICAL PRODUCTS			1,335.34		
VENDOR NAME: EMPATHIA, INC.					
42235	QUARTERLY EAP BENEFIT COST	100-5141-515900 3.75	438.75	FINANCE	02/17/2022
		100-5241-515900 7.50			
		100-5142-515900 7.50			
		100-5120-511000 7.50			
		100-5632-515900 3.75			
		150-5221-515900 183.75			
		440-5511-515900 71.25			
		100-5211-515900 86.25			
		100-5300-515900 26.25			
		610-6920-515900 13.12			
		620-8400-515900 13.13			
		100-5145-515900 15.00			
TOTAL VENDOR EMPATHIA, INC.			438.75		
VENDOR NAME: ENVIRONMENT CONTROL					
21317-613	VILLAGE HALL CLEANING	100-5160-521900 698.00	698.00	DPW	02/17/2022
TOTAL VENDOR ENVIRONMENT CONTROL			698.00		
VENDOR NAME: EVOQUA WATER TECHNOLOGIES					
905184163	WWTF DIGESTER REPAIR PARTS	620-8010-833000 563.61	563.61	UTILITIES	12/31/2021
TOTAL VENDOR EVOQUA WATER TECHNOLOGIES			563.61		
VENDOR NAME: EWALDS HARTFORD FORD LLC					
41044	2022 CHEVY TAHOE VIN #182863	430-5700-571100 40,007.00	40,007.00	POLICE	02/17/2022
41046	2022 CHEVY TAHOE - VIN 183078	430-5700-571100 39,932.00	39,932.00	POLICE	02/17/2022
41045	2022 CHEVY TAHOE - VIN 182902	430-5700-571100 40,007.00	40,007.00	POLICE	02/17/2022
TOTAL VENDOR EWALDS HARTFORD FORD LLC			119,946.00		
VENDOR NAME: FRED SCHNOOK					
020122	REIMBURSEMENT FOR OFFICE FURNITURE CHG'D	100-5141-531100 1,213.44	1,213.44	ADMIN	02/17/2022

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VENDOR NAME: FRED SCHNOOK						
	TOTAL VENDOR FRED SCHNOOK			1,213.44		
VENDOR NAME: GALLS LLC						
020190212	2022 UNIFORM ALLOWANCE - DEMOTTO	100-5211-534600	66.47	66.47	POLICE	02/17/2022
020300394	2022 UNIFORM ALLOWANCE - K TIPTON	100-5212-534600	90.00	90.00	POLICE	02/17/2022
	TOTAL VENDOR GALLS LLC			156.47		
VENDOR NAME: GEAR WASH LLC						
5-116	TURNOUT GEAR REPAIR	150-5222-539500	132.47	132.47	FIRE	02/17/2022
	TOTAL VENDOR GEAR WASH LLC			132.47		
VENDOR NAME: HAHN ACE HARDWARE						
2022 JAN UTILITY	WATER/WWTF WELL 7 CHEM RM REPAIRS, BLOWE	610-6300-663200	18.44	370.67	UTILITIES	02/17/2022
		620-8010-827000	225.64			
		620-8010-833000	103.05			
		620-8030-831000	20.85			
		620-8010-826000	2.69			
2022 JAN DPW						
	MISC TOOLS AND SUPPLIES	100-5323-531100	166.69	236.86	DPW	02/17/2022
		100-5323-539500	35.96			
		100-5521-531100	11.94			
		100-5324-539500	2.94			
		100-5220-539400	19.33			
2022 JAN LIBRARY						
	MISC SUPPLIES	440-5511-531100	2.33	2.33	LIBRARY	02/17/2022
2022 JAN FIRE						
	HAHN ACE HARDWARE INVOICE	150-5222-531100	88.60	177.19	FIRE	02/17/2022
		150-5231-531100	88.59			
	TOTAL VENDOR HAHN ACE HARDWARE			787.05		
VENDOR NAME: HAWKINS WATER TREATMENT						
6105591	WATER- TREATMENT CHEMICALS FOR WELLS	610-6300-663100	1,764.33	1,764.33	UTILITIES	02/17/2022
	TOTAL VENDOR HAWKINS WATER TREATMENT			1,764.33		
VENDOR NAME: HIPPENMEYER, REILLY, BLUM,						
52296	MISCELLANEOUS MATTERS	100-5130-521900	2,072.00	2,072.00	FINANCE	02/17/2022
52297	UTILITIES	610-6920-692300	37.00	351.50	FINANCE	02/17/2022
		620-8400-852100	314.50			
52300						
	PROSECUTIONS	100-5130-521900	1,432.50	1,432.50	FINANCE	02/17/2022
52298	HILL COURT PARTNERS	100-0000-211425	185.00	185.00	FINANCE	02/17/2022
52299	BOX SELF STORAGE	100-0000-211425	74.00	74.00	FINANCE	02/17/2022
	TOTAL VENDOR HIPPENMEYER, REILLY, BLUM,			4,115.00		
VENDOR NAME: HOME DEPOT						

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INVOICE NUMBER	DESCRIPTION	DISTRIBUTIONS\AMOUNTS	AMOUNT	APPROVAL DEPARTMENT	POST DATE
VENDOR NAME: HOME DEPOT					
2021 DEC DPW	ELECTRICAL SUPPLIES PARKS/DOOR STOPS DPW	100-5323-539500 35.96	123.88	DPW	12/31/2021
		100-5160-531100 59.88			
		100-5521-531100 11.12			
		100-5220-539400 16.92			
TOTAL VENDOR HOME DEPOT			123.88		
VENDOR NAME: HORN OIL					
JANUARY 2022	JANUARY FUEL	100-5212-535100 2,327.39	8,678.75	ALLOCATE	02/17/2022
		100-5241-535100 83.80			
		100-5324-535100 2,997.56			
		150-5222-535100 516.21			
		150-5231-535100 1,952.21			
		610-6920-693300 390.17			
		620-8010-828000 388.56			
		100-5323-531100 22.85			
TOTAL VENDOR HORN OIL			8,678.75		
VENDOR NAME: HYDROCORP					
0065515-IN	WATER CROSS INSPECTION INDUSTRIAL, COMME	610-6920-692300 1,665.00	1,665.00	UTILITIES	02/17/2022
TOTAL VENDOR HYDROCORP			1,665.00		
VENDOR NAME: JAMES IMAGING SYSTEMS					
1152920	COPIES KONICA 458 - 10/30/21 - 01/29/22	100-5142-531200 31.63	336.52	ALLOCATE	02/17/2022
		100-5300-539900 32.68			
		100-5120-531100 22.66			
		100-5141-531100 3.48			
		100-5145-531100 36.74			
		100-5241-531200 6.84			
		100-5632-531200 10.16			
		100-5211-531200 54.14			
		150-5221-531100 24.61			
		410-5363-531200 3.36			
		440-5511-531200 46.18			
		500-5344-531200 3.36			
		610-6902-690300 30.70			
		620-8300-840000 29.98			
TOTAL VENDOR JAMES IMAGING SYSTEMS			336.52		
VENDOR NAME: JOHNS DISPOSAL SVC. INC.					
799275	GARBAGE AND RECYCLING JANUARY	410-5362-531000 25,368.42	44,296.56	DPW	02/17/2022
		410-5363-522000 18,928.14			
TOTAL VENDOR JOHNS DISPOSAL SVC. INC.			44,296.56		
VENDOR NAME: KAESTNER AUTO ELECTRIC					

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VENDOR NAME: KAESTNER AUTO ELECTRIC					
358106	LANDSCAPING TOOLS	100-5323-531100 235.95	235.95	DPW	02/17/2022
TOTAL VENDOR KAESTNER AUTO ELECTRIC			235.95		
VENDOR NAME: MARK SHIELDS					
2021-1149	ACT 102 REIMBURSEMENT - SHIELDS	150-5880-580500 980.00	980.00	FIRE	02/17/2022
TOTAL VENDOR MARK SHIELDS			980.00		
VENDOR NAME: MARTENS PLBG & HTG INC					
60341	DRAIN CLEANING SERVICES	100-5220-539400 307.00	307.00	DPW	02/17/2022
TOTAL VENDOR MARTENS PLBG & HTG INC			307.00		
VENDOR NAME: MOTOROLA SOLUTIONS, INC.					
8281308828	NEW 3451 MOBILE RADIO	430-5700-571400 4,783.15	4,783.15	FIRE	02/17/2022
8281308315	NEW 3488 MOBILE RADIO	430-5700-571400 4,323.97	4,323.97	FIRE	02/17/2022
TOTAL VENDOR MOTOROLA SOLUTIONS, INC.			9,107.12		
VENDOR NAME: MUKWONAGO AREA CHAMBER OF COMM					
013122	EXPEDIA/HOMEAWAY.COM 4TH QUARTER ROOM TA	100-0000-244000 921.35	1,892.43	CLERK	02/17/2022
		100-0000-244000 971.08			
TOTAL VENDOR MUKWONAGO AREA CHAMBER OF COMM			1,892.43		
VENDOR NAME: NAPA AUTO PARTS - SP018					
155464	WWTF VACTOR REPAIR PARTS	620-8030-831000 5.47	5.47	UTILITIES	02/17/2022
155588	WWTF UV HOSES	620-8010-833000 549.03	549.03	UTILITIES	02/17/2022
155610	WWTF VACTOR REPAIR PARTS	620-8030-831000 296.18	296.18	UTILITIES	02/17/2022
155615	WWTF VACTOR REPAIR PARTS	620-8030-831000 33.94	33.94	UTILITIES	02/17/2022
155204	PLASTIC BOND REPAIR KIT	100-5323-531100 8.99	8.99	DPW	02/17/2022
154975	WATER- WELLS 3 AND 4 GENERATOR FUEL TREA	610-6200-662300 53.94	53.94	UTILITIES	02/17/2022
155088	3451 RADIATOR CAP	150-5231-539500 7.36	7.36	FIRE	02/17/2022
TOTAL VENDOR NAPA AUTO PARTS - SP018			954.91		
VENDOR NAME: NATURAL LANDSCAPES, INC					
1916	CHAPMAN BIO SWALE MAINTENANCE AND RIVER	100-5344-539500 1,000.00	2,500.00	DPW	12/31/2021
		100-5521-531100 1,500.00			
TOTAL VENDOR NATURAL LANDSCAPES, INC			2,500.00		
VENDOR NAME: NORTH CENTRAL LABORATORIES					
466012	WWTF LAB SUPPLIES	620-8010-826000 219.49	219.49	UTILITIES	02/17/2022
TOTAL VENDOR NORTH CENTRAL LABORATORIES			219.49		
VENDOR NAME: PROHEALTH MEDICAL GROUP					
311806	HEPITITUS SHOT DPW STAFFER	100-5323-534800 60.00	60.00	DPW	02/17/2022
311838	ENTRY PHYSICAL EXAMS	150-5221-521900 1,368.00	1,368.00	FIRE	02/17/2022
TOTAL VENDOR PROHEALTH MEDICAL GROUP			1,428.00		
VENDOR NAME: PROHEALTH PHARMACY					
2022 JANUARY	EMS SUPPLIES	150-5231-531100 935.86	935.86	FIRE	02/17/2022

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VENDOR NAME: PROHEALTH PHARMACY					
TOTAL VENDOR PROHEALTH PHARMACY			935.86		
VENDOR NAME: QUADIENT LEASING USA INC					
N9242896	2021 NOV 27 TO 2022 FEB 26 POSTAGE LEASE	100-5142-531500 66.55	468.69	ALLOCATE	02/17/2022
		150-5221-531100 61.87			
		410-5363-531500 9.37			
		440-5511-531500 24.37			
		500-5344-531500 4.69			
		610-6902-690300 155.61			
		620-8400-851000 146.23			
TOTAL VENDOR QUADIENT LEASING USA INC			468.69		
VENDOR NAME: QUILL LLC					
22556716	STATION SUPPLIES	150-5221-531100 77.97	77.97	FIRE	02/17/2022
TOTAL VENDOR QUILL LLC			77.97		
VENDOR NAME: SHI INTERNATIONAL CORP					
B14662203	SERVER PROJECT VH	430-5700-571800 5,937.00	5,937.00	FINANCE	02/17/2022
TOTAL VENDOR SHI INTERNATIONAL CORP			5,937.00		
VENDOR NAME: SIREN SERVICES					
796	3463 REPAIR	150-5222-539500 418.16	418.16	FIRE	02/17/2022
TOTAL VENDOR SIREN SERVICES			418.16		
VENDOR NAME: SOMAR ENTERPRISES					
102556	2022 UNIFORM ALLOWANCE - KUBIAK	100-5212-534600 139.44	139.44	POLICE	02/17/2022
102542	2022 UNIFORM ALLOWANCE - PETTED	100-5213-534600 108.98	108.98	POLICE	02/17/2022
TOTAL VENDOR SOMAR ENTERPRISES			248.42		
VENDOR NAME: SOUTHERN LAKES NEWSPAPERS					
2022 SUBSCRIPTION	MUKWONAGO TIMES SUBSCRIPTION	100-5111-539900 19.95	19.95	CLERK	02/17/2022
TOTAL VENDOR SOUTHERN LAKES NEWSPAPERS			19.95		
VENDOR NAME: STANLEY WALTER SEPTIC					
72693	WWTF SEPTAGE BED CLEANUP	620-8010-834000 450.00	450.00	UTILITIES	02/17/2022
TOTAL VENDOR STANLEY WALTER SEPTIC			450.00		
VENDOR NAME: TERMINAL ANDRAE INC.					
55660	WWTF- BLOWER BREAKER FAILURE REPAIR	620-8010-833000 13,588.66	13,588.66	UTILITIES	02/17/2022
TOTAL VENDOR TERMINAL ANDRAE INC.			13,588.66		
VENDOR NAME: THE HIGHLAND GROUP					
INV 1	PROPERTY APPRAISAL FEE - HWY 83 PROJECT	250-5140-521900 15,600.00	15,600.00	FINANCE	02/17/2022
TOTAL VENDOR THE HIGHLAND GROUP			15,600.00		
VENDOR NAME: ULINE					
144077670	WWTF- FILE SORTER FOR PROJECTS	620-8400-851000 185.51	185.51	UTILITIES	02/17/2022

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VENDOR NAME: ULINE						
	TOTAL VENDOR ULINE			185.51		
VENDOR NAME: USA BLUEBOOK						
864441	WWTF LAB SUPPLIES	620-8010-826000	149.04	149.04	UTILITIES	02/17/2022
864581	WWTF LAB TESTING	620-8010-826000	76.36	76.36	UTILITIES	02/17/2022
869732	WWTF LAB SUPPLIES	620-8010-826000	69.37	69.37	UTILITIES	02/17/2022
	TOTAL VENDOR USA BLUEBOOK			294.77		
VENDOR NAME: WALWORTH CTY SECURITY ALARMS LLC						
15537	DPW FIRE PANEL MONITORING SERVICE	100-5323-521900	444.00	444.00	DPW	02/17/2022
	TOTAL VENDOR WALWORTH CTY SECURITY ALARMS LLC			444.00		
VENDOR NAME: WATERLY, LLC						
1139	WATER DATA MANAGEMENT	610-6920-692300	1,920.00	1,920.00	UTILITIES	02/17/2022
	TOTAL VENDOR WATERLY, LLC			1,920.00		
VENDOR NAME: WAUKESHA CTY TREASURER						
2022-10090034	HOUSEHOLD HAZZARDOUS WASTE COLLECTION	500-5344-531000	40.32	503.98	DPW	02/17/2022
		100-5660-535400	463.66			
	TOTAL VENDOR WAUKESHA CTY TREASURER			503.98		
VENDOR NAME: WCMA						
2022 MEMBERSHIP	WCMA MEMBERSHIP	100-5142-532400	50.00	50.00	CLERK	02/17/2022
	TOTAL VENDOR WCMA			50.00		
VENDOR NAME: WCTC						
S0762915	WCTC- CURTIS-SCHMID-SHIELDS-CWILLIAMS	150-5223-533500	240.00	240.00	FIRE	02/17/2022
	TOTAL VENDOR WCTC			240.00		
VENDOR NAME: WI RURAL WATER ASSOCIATION						
4279	WATER/WWTF- SAFETY PROCEDURES HANDBOOK	610-6920-693000	31.78	63.55	UTILITIES	02/17/2022
		620-8400-854100	31.77			
	TOTAL VENDOR WI RURAL WATER ASSOCIATION			63.55		
VENDOR NAME: WI STATE LAB OF HYGIENE						
704145	WATER LAB TESTING	610-6300-663200	26.00	26.00	UTILITIES	02/17/2022
	TOTAL VENDOR WI STATE LAB OF HYGIENE			26.00		
VENDOR NAME: WI SUPREME COURT						
680-0000000439	CONTINUING JUDICIAL EDUCATION	100-5120-533500	700.00	700.00	FINANCE	02/17/2022
	TOTAL VENDOR WI SUPREME COURT			700.00		
VENDOR NAME: WOLF PAVING						
41021	COLD PATCH	100-5341-539500	364.08	364.08	DPW	02/17/2022
	TOTAL VENDOR WOLF PAVING			364.08		

INVOICE NUMBER	DESCRIPTION	DISTRIBUTIONS\AMOUNTS		APPROVAL AMOUNT DEPARTMENT		POST DATE
VENDOR NAME: ZAESKE DEBORAH 2022 UNIFORM	2022 UNIFORM ALLOWANCE - ZAESKE	100-5211-534600	172.78	172.78	POLICE	02/17/2022
TOTAL VENDOR ZAESKE DEBORAH				172.78		
GRAND TOTAL:				263,863.81		



Agenda Item Cover Report

Date: February 3, 2022	Committee/Board:
Submitted by: Village Attorney Blum	Department:
Date of Committee Action:	Date of Village Board Action:

Subject:

Discussion regarding approval of Resolution to utilize Village lands regarding STH 83 land acquisition.

Executive Summary:

The Village has entered into an agreement with the Wisconsin DOT related to the construction of highway improvements along STH 83. Part of this also involves Village improvements, which the Village will work with DOT to construct. DOT is taking the position that even though the lands are owned by the Village, it wants to see a Resolution by the Village that authorizes the use of the lands for these transportation improvement purposes.

Fiscal Impact:

X.

Executive Recommendation/Action:

Approval a Resolution allowing for the use of the lands described in this document for the construction of highway transportation improvements as part of the STH 83 corridor work.

- ☒ **Attachments Included**
-- Resolution w/ Exhibit A

**VILLAGE OF MUKWONAGO
WAUKESHA/WALWORTH COUNTIES**

RESOLUTION NO. 2022-14

**RESOLUTION OF THE VILLAGE BOARD OF THE VILLAGE OF MUKWONAGO
REGARDING UTILIZING OF VILLAGE LANDS FOR
STH 83 CORRIDOR IMPROVEMENTS**

WHEREAS, the Village of Mukwonago has entered into an agreement with the Wisconsin Department of Transportation concerning improvements being made to the STH 83 corridor in the Village; and

WHEREAS, the Village is acquiring rights in land for the STH 83 improvements being funded by the Village; and

WHEREAS, attached hereto and marked Exhibit A is a description of lands for which the Village has title that ultimately, would be lands to be utilized in the STH 83 corridor improvements.

NOW, THEREFORE, BE IT RESOLVED by the Village Board of the Village of Mukwonago that the Village hereby authorizes the use of the lands described in the attached Exhibit A for purposes of the construction of transportation improvements as per the agreement between the Village and the Wisconsin Department of Transportation.

BE IT FURTHER RESOLVED that Village Staff is authorized to take such steps as may be necessary to effectuate the intention of this Resolution.

Adopted this 16th day of February, 2022.

APPROVED:

Attestation:

Fred Winchowky, Village President

Diana Dykstra, Village Clerk

*VILLAGE OF MUKWONAGO
POLICE DEPARTMENT*



MONTHLY REPORT

January 2022

Citation Totals by Offense

Mukwonago Police Department

Violation Date: 01/01/2022 through 01/31/2022

Court	Agency	Offense Code	Offense Description	Total
MKPD				
	Adult			
		346.14(1m)	Automobile Following Too Closely	3
		943.01(1)	Criminal Damage to Property	1
		82-2	Display Of Power	1
		341.61(2)	Display Unauth. Veh. Registration Plate	2
		346.57(3)	Driving Too Fast For Conditions	1
		346.04(2)	Fail/Obey Traffic Officer-Work Area	1
		346.46(1)	Fail/Stop At Stop Sign	5
		346.18(3)	Fail/Yield Right/Way From Stop Sign	2
		346.18(2)	Fail/Yield While Making Left Turn	3
		346.57(2)	Failure To Keep Vehicle Under Control	5
		346.69	Hit And Run-Property Adjacent To Highway	1
		341.15(3)(b)	Improper Display/Plates (Hard To See)	5
		341.15(3)(c)	Improper Display/Plates (Illegible)	3
		346.31(2)	Improper Right Turn	1
		346.89(1)	Inattentive Driving	7
		341.04(1)	Non-Registration Of Auto, Etc	29
		341.03(1)	Operate After Rev/Susp Of Registration	2
		344.62(1)	Operate Motor Vehicle W/O Insurance	15
		344.62(2)	Operate Motor Vehicle W/O Proof Of Insurance	1
		347.14(1)	Operate Vehicle W/O Stopping Lights	3
		343.05(3)(a)	Operate W/O Valid License	1
		343.44(1)(a)	Operating After Suspension	6
		346.05(1)	Operating Left Of Center Line	1
		346.63(1)(a)	Operating While Intox.	1
		82-71	Parking Lot Traffic Violation	4
		961.573(1)	Possess Drug Paraphernalia	2
		961.41(3g)(b)	Possession of Controlled Substance	2
		943.50(1m)(b)	Retail Theft-Intentionally Take(<=\$2500)	1
		346.57(4)(gm)2	Speeding on Freeway	2
		346.57(5)	Speeding Zone And Posted Limits	54
		347.06(3)	Unclean/Defective Lights Or Reflectors	3
		346.33(1)(a)	Unlawful U/Y Turn-Control Intersection	1
		346.37(1)(c)1	Violate Red Traffic Signal	5
		TR305.34(6)(c)	Windshield - Tinting - Critical Area	3
Adult Grand Total				177

Citation Totals by Offense

Mukwonago Police Department

Violation Date: 01/01/2022 through 01/31/2022

Court	Agency	Offense Code	Offense Description	Total
MKPD				
	Juvenile			
		82-71	Parking Lot Traffic Violation	1
		961.41(3g)(b)	Possession of Controlled Substance	1
		54-103	Possession of Nicotine/Tobacco by a Minor	1
		125.07(4)(b)	Underage Drinking-Possess	1
			Juvenile Grand Total	4

Mukwonago Police Department
Tickets Totals (by Violation)
Department: Mukwonago Police Department
Issue Date: 01/01/2022 through 01/31/2022

Violation Description	Violation Code	Area	Total
Fire Lane Violation	82-194		1
		By Violation:	1
Mhs - Park W/O Permit	82-212		7
		By Violation:	7
Park 24hr - Abandoned	82-1(K)		2
		By Violation:	2
Park On Wrong Side - Winter	82-227		10
		By Violation:	10
Park W/O Permit - Winter	82-226		17
		By Violation:	17
Restrictions: Winter/Sth 83/Etc	82-191		2
		By Violation:	2
		Total Tickets:	39



Monthly Case Overview Report

Printed On: 02/03/22 10:17

Reporting Period: 01/02/2022 - 01/31/2022

Village of Mukwonago Police - 1122

	Total
	49
Administrative/Informational	9
Agg Asslt-Nonfamily-Weapon	1
Amphetamine - Possession	1
Assist Other Dept/Service/Request by Citizen	3
Bail Jumping	1
Criminal Damage-Private	2
Dangerous Drugs - Use	1
Disorderly Conduct	3
DOA - Sudden Death, Etc.	2
Drug/Narcotic Law Investigatio	1
Emergency Detention/M.O.	2
Evidence Room	1
Forgery of Checks	1
Found Property	1
Fraud Complaint	1
Fraud-Illeg Use Credit Card	1
Fraud-Imperson	1
Liquor - Underage Possession	1
Marijuana-Possession	1
Miscellaneous Information	1
Obstructing Court Order	1
Operating After Suspension Vio	2
OWI/DWI-Liquor	1
Passing Counterfeit	1
Retail Theft <\$50	1
Stat Rape-No force	1
Theft From Auto >\$200	1
Traffic Offense/Traffic Other	2
Traffic Stop	1
Warrant Service	2
Weapon Offense	1



Arrests by Statute Report

Printed On: 02/03/22 10:18

Reporting Period: 01/02/22 - 01/29/22

This report contains all arrest charges.

	Total	Felony	Misdemeanor	Non-Criminal	Ordinance	Parking
346.63(1)(a) - Operating While Intoxicated - 1st Offense	1			1		
346.63(1)(a) - Operating While Intoxicated - 3rd Offense	1		1			
54-1(1) - Retail Theft (Shoplifting)	1				1	
54-1(B) - Underage Consumption of Alcohol (17-20 YOA)	1				1	
54-1(G) - Disorderly Conduct	4		2		2	
54-1(V) - Possession of a Controlled Substance	3				3	
54-1(V1) - Possession of Drug Paraphernalia	2				2	
54-1(W) - Criminal Damage to Property	1				1	
54-103 - Possession of Nicotine or Tobacco Product by a Minor	1				1	
813.125(7) - Violate/Harassment Restraining Order	1		1			
82-2 - Display of Power	1					1
940.30 - False Imprisonment	1	1				
941.20(1)(b) - Operate/Go Armed w/ Firearm-Intoxicated	1		1			
941.30(2) - 2nd-Degree Recklessly Endangering Safety	1	1				
946.41(1) - Resisting or Obstructing an Officer	1		1			
946.49(1)(a) - Bail Jumping-Misdemeanor	1		1			
961.41(3g)(am) - Possession of Narcotic Drugs	1	1				
FUGM - Fugitive Warrant Other Municipal	4			4		
Total	27	3	7	5	11	1

January 2022 Monthly Crash Report

Date	On Hwy	On Street	At #	From/At Hwy	From/At Street	Total Units	Total Injured	Total Killed
01/01/2022	83	ROCHESTER RD			FRONT ST	1	0	0
01/03/2022		PRAIRIE HILL AVE			ROSEWOOD DR	2	1	0
01/03/2022		ARMSTRONG CT			MUKWONAGO DR	1	0	0
01/03/2022		CTH NN	1010	083	ROCHESTER RD	1	0	0
01/05/2022		HOLZ PKWY			SWAN DR	2	0	0
01/05/2022	NN		605		FAIRWINDS BLVD	2	0	0
01/06/2022	83	ROCHESTER RD			MACARTHUR DR	1	0	0
01/09/2022		PARKING LOT	1010	083	ROCHESTER RD	2	0	0
01/10/2022		WOLF RUN E		083	ROCHESTER RD	2	0	0
01/10/2022		PARKING LOT	627	083	ROCHESTER RD	1	0	0
01/10/2022	43			083	ROCHESTER RD	2	0	0
01/12/2022	ES	FOX ST			EASTERN TRL	1	0	0
01/12/2022		PARKING LOT	1212	083		2	0	0
01/13/2022	NN				FAIRWINDS BLVD	3	0	0
01/13/2022	NN			EE		2	1	0
01/19/2022	83			083		2	0	0
01/20/2022		PARKING LOT	245		WOLF RUN E	2	0	0
01/21/2022	NN			EE		4	0	0
01/23/2022	ES	FOX ST		NN		2	0	0
01/24/2022	ES	FOX ST		NN		2	0	0
01/24/2022		HOLZ PKWY		083		2	0	0
01/24/2022		WOLF RUN E	111	083		1	0	0
01/24/2022	083			083	ROCHESTER RD	2	0	0
01/25/2022		PARKING LOT	605	NN		2	0	0
01/26/2022		PARKING LOT	605	NN		2	1	0
01/26/2022	83	ROCHESTER RD			BLOOD ST	2	0	0
01/29/2022	NN				FAIRWINDS BLVD	2	0	0
						50	3	0

458
7/12/22
27

Police Contacts - Village

First Shift	1514
Second Shift	1074
Third Shift	462
911 Calls	107
TOTAL CALLS	3157

Eagle Lake Patrol

Stops/All Calls

Police Contacts - Town

First Shift	359
Second Shift	839
Third Shift	640
911 Calls	33
TOTAL CALLS	1871

Phantom Lake Patrol

Stops/All Calls

<u>TOTAL CONTACTS</u>	5028
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FLEET MILES AND GAS USAGE

	<u>24</u>	<u>26</u>	<u>28</u>	<u>30</u>	<u>32</u>	<u>33</u>	<u>34</u>	<u>36</u>	<u>38</u>
	<u>18 Ford</u>	<u>21 Ford</u>	<u>20 Dodge</u>	<u>19 Ford</u>	<u>18 Ford</u>	<u>19 Chev</u>	<u>17 Ford</u>	<u>16 Ford</u>	<u>19 Ford</u>
Speed End	85272	2537	6286	94429	77439	8930	115506	83769	90129
Speed Beg	84570	2021	6178	92116	77296	NA	NA	78871	88419
Total Miles	702	516	108	2313	143	NA	NA	4898	1710
Total Gas	62	15	24	193	13	14	11	366	142

Respectfully Submitted,

Chief Daniel J. Streit
Village of Mukwongo Police Department



Agenda Item Cover Report

Date: 2/1/22	Committee/Board: N/A
Submitted by: Fred P. Schnook	Department: Admin.
Date of Committee Action: N/A	Date of Village Board Action: 2/16/22

Subject:

Village Attorney Appointment

Executive Summary:

On November 1, 2021, the Village of Mukwonago released a Request For Proposals for Legal Services. See attachment A. The scope of services primarily covered the need for general municipal services, litigation services and legal services related to development. Legal services provided to the village in terms of personnel & labor law and criminal law were not specifically called out in the R.F.P.

The Village received three proposals along with a separate hourly rate schedule for each of the bidders which appear as attachment B.

Interviews were scheduled with Michael Van Kleunen and Kathryn Sawyer Gutenkunst of the Axley Brynson law firm on January 20th. An interview with Nathan Bayer and Jeffrey Nichols of the Crivello Carlson law firm was conducted on January 26th. The Von Briesen law firm dropped out of the selection process in a phone call with Clerk/ Treasurer Dykstra on January 26, 2022.

A list of questions developed by Village Attorney Mark Blum was employed in each interview of the law firms, and appear as attachment C.

The Interview Team consisted of Village President Winchowky, Administrator Schnook and Clerk/Treasurer Dykstra.

It is the recommendation of the Interview Team that the Crivello Carlson firm be selected. This recommendation is due to the firm's having access to fifty attorneys who can meet the needs of the varying legal requirements of the Village thereby providing legal expertise and previous experience with the Villages many needs. The Axley Brynson law firm is substantially smaller and therefore it is believed the firm does not have the capacity to provide the twenty-five hours per week (on average) of legal services needed nor has the depth of experience that the Crivello Carlson firm possesses. Interview Team members were impressed with Crivello's Critical Incident Team and the accompanying services they offer. The Crivello team assured that they would respond the same day to inquiries from the Village. Finally, the Crivello law firm would offer a breadth of experience to assure the Village will not be designing-in errors or mistakes to legal actions taken by the Village.

Fiscal Impact:

Estimate of \$135,000 annually based upon estimated 2021 activity for Hippenmeyer, Reilly, Blum, Schmitzer, Fabian & English, S.C.

Executive Recommendation/Action:

It is the recommendation of the Interview Team that the Crivello Carlson firm be selected.

Attachments Included

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Agenda Item #A

VILLAGE OF MUKWONAGO



REQUEST FOR PROPOSALS

LEGAL SERVICES

Proposal Submission Deadline:

November 30, 2021 5:00PM

For Information Contact:

Diana Dykstra, MMC
Interim Administrator/Clerk-Treasurer
440 River Crest Ct. | Mukwonago, WI 53149
(262) 363-6420 X2103 | ddykstra@villageofmukwonago.com

INTRODUCTION

The Village of Mukwonago invites interested individual attorneys and law firms to submit written proposals to provide legal services to the Village.

The Village of Mukwonago is a growing community with a current population of 8,290 located in both Waukesha and Walworth Counties. The Village is governed by a President and a (6) Village Trustees, all elected at large. The Village has approximately (75) Full Time Employees and (50) part time employees.

The Village of Mukwonago is seeking primary attorney services from an attorney who is licensed to practice in the State of Wisconsin and has at least a minimum of five years of experience providing representation to municipal clients. Said individual should also be licensed to appear before the United States District Courts for the Eastern and Western Districts of Wisconsin.

SERVICES TO BE PROVIDED

The Village Attorney provides legal services needed by the Village for the Village Board, and administrative staff.

Routine Legal Services

- A. Provide clear and concise legal advice and consultation (oral and written) as requested or required pertaining to all aspects of governance. Prospective Counsel will be well versed in Chapter 61, 62, and 66 of the Wisconsin Statutes.
- B. Research and interpret laws, court decisions and other authorities for preparing legal opinions and to advise the Board and staff on legal matters as it pertains to Village matters.
- C. Draft, review, and/or revise documents, including but not limited to memorandum concerning legal issues, contracts, ordinances, resolutions, license agreements, development agreements, policies, open records, leases, deeds, loans, land use, zoning issues, permits, general real estate matters, tax incremental financing, eminent domain proceedings, surety instruments and dealings with the Public Service Commission, DNR and DOT.
- D. Represent the Village in intergovernmental projects as needed.
- E. Provide correspondence and other legal documents on behalf of the Village as directed.
- F. Represent and advise the Board, Officer, Boards and Commissions in all matters of law pertaining to their offices.
- G. Attend as needed Regular Village Board meetings (open and closed), and Committee of the Whole meetings and advise the Board on matters on the agenda as well as procedural matters that may arise during and following the meeting. The Village Board meets the third Wednesday of each month at 6:30pm. The Committee of the Whole meets the first Wednesday of each month at 5:30pm. Special meetings are called as necessary.

- H. The Village conducts a bi-weekly Department Head meeting and attendance at those meetings is expected.
- I. Provide guidance and legal advice on Wisconsin Open Meetings law and parliamentary procedure.
- J. Additionally, will be required to monitor pending litigation which may impact the Village and to apprise the Village regarding those developments.

Non-Routine Legal Services

The Village Attorney may represent the Village in the following:

- a. Litigation and mediation (civil, tort, liability, construction law/public works, general writ etc.)
- b. Proceedings before the state and federal courts
- c. Proceedings before state and federal administrative agencies

Prosecutor Services Excluded

The Village currently retains separate counsel for municipal court services.

SUBMITTAL INSTRUCTIONS

A. Letter of Transmittal

All proposals must include a cover letter addressed to Diana Dykstra, Interim-Administrator.

B. Proposal (*Excluding any Prosecutor Services*)

Provide an explanation of your firm's experience, background and history. Describe you or your firm's municipal legal services, training and experience along with current municipal clients and number of years.

Additionally, identify the attorneys providing the services under this agreement and specifically identify the attorney that would be the primary point of contact for the Village.

C. Fee Schedule

Provide a detailed hourly rate and fee schedule for all services including travel time. List any out of pocket charges which you bill separately.

D. Potential Conflicts of Interest

Provide a list of any known conflicts of interest with parties that reside in or do business in the Village of Mukwonago and describe how you or the firm will identify and manage a conflict of interest.

E. References

Provide contact information for at least two (2) municipal clients.

Proposals may be submitted via email to ddykstra@villageofmukwonago.com or by U.S. Mail or hand delivery to:

Ms. Diana Dykstra, MMC
Village of Mukwonago
440 River Crest Ct.
Mukwonago, WI 53149

*The Village reserves the right to select and individual or firm for legal services
based on evaluations of the proposals.*

Agenda Item #B

Diana Dykstra

From: Kosmeder, Stephanie N. <SKosmeder@CrivelloCarlson.com>
Sent: Tuesday, November 30, 2021 1:52 PM
To: Diana Dykstra
Cc: Bayer, Nathan J.; Nichols, Jeffrey T.
Subject: Response to Request for Proposals - Legal Services
Attachments: 1R90076-ltr to dykstra from bayer and nichols encl response to rfp.PDF

**CAUTION: This email originated from outside the organization.
Do not click links or open attachments unless you recognize the sender and know the content is safe.**

Good Afternoon Ms. Dykstra,

Please see attached from Attorney Bayer and Attorney Nichols in regards to the above referenced matter.

Thank you,

Stephanie



Stephanie N. Kosmeder | Legal Assistant to
Attorney Nathan J. Bayer
Attorney Stacy K. Luell
Attorney Micaela E. Haggenjos
710 N. Plankinton Avenue, Suite 500
Milwaukee, WI 53203
(414) 615-8416 Direct
(414) 271-7722 Main
(414) 271-4438 Fax
Email: skosmeder@crivellocarlson.com

This message is intended for the use of the individual or entity to which it is addressed. It may contain information that is legally privileged, confidential, and/or exempt from disclosure. If you are not the intended recipient, you may not use, read, copy, forward or disclose this message or its attachments to anyone. If you have received this message in error, please immediately notify the sender by return email or by telephone at (414) 271-7722 and please delete this message along with any attachments. Thank you.



CRIVELLO
CARLSON S.C.

ATTORNEYS

Nathan J. Bayer
710 N. Plankinton Avenue
Suite 500
Milwaukee, WI 53203
Direct: (414) 290-7505
Email: nbayer@crivellocarlson.com

November 30, 2021

Village of Mukwonago
Attn: Diana Dykstra, MMC
Interim Administrator/Clerk-Treasurer
440 River Crest Court
Mukwonago, WI 53149

Dear Ms. Dykstra:

Enclosed please find Crivello Carlson, S.C.'s response to Village of Mukwonago, WI request for proposals for Village Attorney Services. Thank you.

Sincerely,

NATHAN J. BAYER
NJB/snk
Enclosure

JEFFREY T. NICHOLS



**CRIVELLO
CARLSON S.C.**

ATTORNEYS

**PROPOSAL TO THE VILLAGE OF MUKWONAGO, WI
TO PROVIDE LEGAL SERVICES**

Submitted by:

Nathan J. Bayer and

Jeffrey T. Nichols

CRIVELLO CARLSON, S.C.

710 North Plankinton Avenue, Suite 500

Milwaukee, Wisconsin 53203

Direct Office: (414) 271-7722



CRIVELLO
CARLSON S.C.

ATTORNEYS

Crivello Carlson's experience, background, and history.

For decades, Crivello Carlson's municipal practice group has been both on the front lines directly representing municipalities as well as defending lawsuits against municipalities through their insurers. This affords a unique perspective and allows us to have the vision necessary to help municipalities meet their long-range goals while avoiding legal entanglements down the road. Our focus is providing clear and concise advice that helps municipalities provide excellent service to its citizens.

Crivello Carlson has served the Village of Shorewood in Milwaukee County for decades. Ray Pollen served from the 1990's until his retirement in 2014, and Nathan Bayer has been serving since that time. His duties include, but are not limited to, assisting with land use and zoning, public easements, reviewing contracts, assisting with drafting of ordinances, assisting the Board of Review and Planning Commission with quasi-judicial functions, and environmental matters. Nathan also began serving the Village of Brown Deer in Milwaukee County as well in November and is transitioning to take over the duties of City Attorney in Glendale in January.

Currently, Charles Polk handles all aspects of the municipal prosecution in Shorewood, and assists with items such as research, drafting ordinances, and the like. William Dineen has acted for many years as municipal attorney and municipal prosecutor for the Village of Brown Deer as well. Miriam Horwitz recently joined the firm after over a quarter century in the Milwaukee City Attorney's office.

In addition to direct representation, the firm also represents many municipalities around the state through municipal insurers. Representation includes defense of constitutional claims and other civil claims asserted against municipalities. For example, Crivello Carlson defended the City of Milwaukee in a number of cases in which officers in the Milwaukee Police Department were accused of conducting illegal strip searches. Nathan Bayer is currently handling matters for municipalities through their insurers involving challenges to zoning amendments, challenges to tax assessments, and a writ involving an open records request.

Current municipal clients of Crivello Carlson.

- Village of Shorewood, WI (Since 1994, handling day to day Village legal services as well as municipal prosecutions.)
- Village of Brown Deer, WI (Just began representation in November, handling day to day Village legal services.)
- Village of River Hills (Since 1990, handling day to day legal services as well as municipal prosecution, handled by William P. Dineen, of counsel.)
- North Shore Fire Department (Since 1994, handled by William Dineen, of counsel.)



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ATTORNEYS

- Crivello Carlson also represents numerous municipalities through municipal insurers, including but not limited to La Crosse, Eau Claire, and the City of Wauwatosa.

Crivello Carlson's philosophy on providing municipal legal services.

The Village and its taxpayers are entitled to advice that is not only legally sound, but provided in a manner that is prompt, concise, easy to understand, and developed in a cost-effective way. We also believe that a municipality should have direct access to its attorney, and we are dedicated to providing that access. Our direct line and cell phone numbers are available to the Village at all times of day or night.

We firmly believe that the ability to deal with and respect divergent viewpoints, opinions, and perspectives is a must for counsel representing a municipality. Fostering trust and cooperation is of utmost importance. We also believe it is important for a municipal attorney to understand that they are not elected officials: our role is to give sound and accurate advice, while leaving policy decisions to those that were elected by the residents of the Village to carry out that function.

We are also mindful of budgetary challenges faced by municipalities and look to strike a balance between providing comprehensive services while also spotting areas where cost savings being achieved. For example, in Shorewood, we talk to staff before planning commission meetings to evaluate whether there are agenda items that they anticipate need for legal counsel on, or whether one of us can be available by phone if an unanticipated legal question arises. Also, sometimes the Village Board has a single purpose "special meeting" that may not require legal counsel to be present.

As another example, there are some standard form templates for simple, commonly used ordinances for things like amending the fee schedule that we have shared with staff. In a cost saving measure, staff can draft those and our office may be asked to simply make a brief review before consideration.

With respect to contracts, there are some standard clauses our office usually asks to be included in all contracts with municipal entities. Again, we have shared those with other municipalities, and on some standard service contracts for small amounts, staff can simply ask for those clauses to be included without additional assistance from the Village attorney's office. However, for larger scale contracts, where ensuring proper liability protections and insurance are in place, we believe that review by the attorney is appropriate.



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Proposed Attorneys who would work primarily with the Village.

Nathan Bayer and Jeffrey Nichols would be the main point of contact with the Village. (A copy of their resumes are included herein.) The attorneys listed above would provide assistance as needed, including research, assistance with legal opinions, and/or attend meetings when called upon.

In addition to the extensive municipal experience the team brings, Jeff Nichols is a president of the Wisconsin Chapter of the American Board of Trial Advocates, which is limited to the top 85 trial attorneys in the State of Wisconsin.

Fee Schedule.

We believe that an hourly fee proposal allows the client and attorney to work jointly to control costs, and the client receives services more directly proportional to the value of the services. Under this structure, cost savings can often be accomplished when some tasks can be assigned to law clerks or paralegals at hourly rates less than that which might be billed for an attorney.

We are proposing to provide services on an hourly basis with a rate of \$200.00 per hour for all general legal services, and litigation. Any assistance provided by paralegals or law clerks would be billed at \$115.00 per hour. We bill in increments of .1 hour. We propose to send monthly electronic invoices to the Village as a PDF document and simultaneously a PDF Summary copy to the Village Treasurer. Because transparency and communication are paramount, we would provide itemized, detailed bills showing the date of service, the name of the attorney/paralegal/clerk, the specific time spent on each task, and a detailed description of the service provided.

Occasional incidental expenses, such as parking for any appearances that would have to be made in circuit court would be included.

Potential conflicts of interest.

We are not aware of any conflicts that would arise if our firm was chosen to provide services to the Village of Mukwonago. To protect against any such conflict arising, we have an internal check that must be conducted before a new client could be taken on that might create a conflict. Preference is given to institutional clients already on retainer over prospective ad hoc representation.



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ATTORNEYS

References:

- James Soneberg, Former President, Big Bend, Wisconsin
Current EMS Assistant Chief, Big Bend FD
W230 S9185 Nevis, Big Bend, WI 53103
- Rebecca Ewald, Village Manager, Village of Shorewood, WI
3930 N. Murray Avenue
Shorewood, WI 53211
(414) 847-2701

NATHAN J. BAYER

JEFFREY T. NICHOLS

NATHAN J. BAYER

nbayer@crivellocarlson.com

710 N. Plankinton Ave
Suite 500
Milwaukee, WI 53203

TELEPHONE: 414-271-7722

DIRECT DIAL: 414-290-7505

CELL: 414-793-5145

FAX: 414-271-4438



Bar Admissions

Wisconsin, 2001, #1032312

U.S. District Court - Eastern District of Wisconsin

U.S. District Court - Western District of Wisconsin

U.S. Court of Appeals - Seventh Circuit

U.S. District Court – Northern District of Illinois

Education

Marquette University - Juris Doctor 2001

Certificate of Comparative Law, T.C. Bierne School of Law, Queensland
Australia, 2000

University of Wisconsin at Whitewater - B.A. 1996

Professional Organizations

League of Wisconsin Municipalities

Wisconsin Defense Counsel

Milwaukee Bar Association

Wisconsin Bar Association

American Bar Association

Biography:

Nathan has been with the firm since graduating law school in 2001 and is a shareholder. He currently serves as the Village Attorney for the Village of Shorewood in Milwaukee County. Before becoming the Acting Village Attorney in 2014, he was an Assistant Village Attorney between 2002-2014. His duties include advising the Village Board and municipal departments, and appearing for meetings of the Board, Planning Commission, and Board of Appeals. He also currently represents many municipalities in active litigation through their insurers.

Nathan is a three time recipient of "Rising Star" recognition by the Wisconsin Super Lawyers publication.

Nathan has been the volunteer coach for the Shorewood High School mock trial team since 2002. The team has advanced from the regional tournament to the state competition every year since 2004, qualified for the state championship round in front of the Wisconsin Supreme Court 10 times, and were state champions in 2007, 2016, 2018 and 2019. He is also a member of the State Mock Trial Advisory Board.

PRACTICE AREAS

Municipal Law, Including
Direct Representation of
Municipalities, Defense of
Municipalities in Tax
Assessment, Open Records,
and Civil Rights Litigation,
and Municipal Prosecution
Contracts
Appellate Practice

JEFFREY T. NICHOLS

jnichols@crivellocarloson.com

710 N. Plankinton Ave

Suite 500

Milwaukee, WI 53203

TELEPHONE: 414-271-7722

DIRECT DIAL: 414-290-7549

FAX: 414-271-4438



Bar Admissions

State of Wisconsin

U.S. District Court - Eastern District of Wisconsin

U.S. District Court - Western District of Wisconsin

U.S. Court of Appeals - Fifth Circuit

U.S. Court of Appeals - Seventh Circuit

U.S. Court of Appeals - Ninth Circuit

Menomonee Tribal Court

Northern District of Illinois

Western District of Texas

Admitted Pro Hac Vice in more than 25 states

Education

Marquette University 1987

Valparaiso Law School 1990

Professional Organizations

American Bar Association

ABOTA - Wisconsin Chapter - Advocate

State Bar of Wisconsin

Defense Research Institute

Civil Trial Counsel

Milwaukee Bar Association

Milwaukee Insurance Adjusters Association

Transportation Lawyers Association

Seventh Circuit Bar Association

FDCC – Federation of Defense and Corporate Counsel

Honors & Awards

2016 Wisconsin Defense Counsel: Advocate of the Year

2018, 2019, 2020 Super Lawyer

2019 Best's Lawyer of the Year: Defense

2020, 2021 Best's Lawyer

2021 ABOTA President-Elect

Biography

PRACTICE AREAS

Adult Daycare

Bad Faith

Construction Litigation

Contracts

Dental/Medical Malpractice

Extra Contractual Liability

Fraudulent Insurance Claims

General Insurance Defense

Legal Malpractice Defense

Long Term Care

Mechanical Accidents

Motor Vehicle Litigation

Negligence

Nursing Home Liability

Personal Injury

Premises Liability

Products Liability

Second Opinion/Last Minute Trial Coverage

Trucking Litigation

Wrongful Death

Jeff is a long standing member of the Board of Directors at Crivello Carlson and is the firm's president. He is National Trial Counsel for one of the Country's leading manufacturers of compact farming and construction equipment and assists as National Counsel for a leading manufacturer of outdoor power equipment. He has also served as National Counsel for one of the Country's leading manufacturers of boilers and water heaters and works with several multi-national companies on contract disputes, product performance issues and product liability claims.

Jeff has been elected by his peers for membership in the American Board of Trial Advocacy (ABOTA) and presently serves as President. He has been given the highest possible peer review rating by Martindale Hubbell (A/V), has been selected as a Wisconsin Super Lawyer, has been recognized by the Wisconsin Defense Counsel as Advocate of the Year (2016) as well as selected for inclusion in US News and World Report: Best Lawyers in America and Lawyer of the Year: Defense in 2019.

Over the past 30 years Jeff has litigated cases throughout the country and Wisconsin in both State and Federal courts, including more than 75 cases tried to jury verdict. In addition to handling cases in Wisconsin, Jeff has been admitted pro hac vice in over 25 states and has tried cases to juries in Texas, New York, Kansas, Connecticut and California (multiple times). He has successfully represented clients in jury trials dealing with issues ranging from catastrophic injuries, quadriplegia, amputations, wrongful deaths and contract disputes. Many of his trials involved claimed damages in excess of \$1 Million and involved alleged malpractice, product defects, performance and warning issues.

Earlier in his career, while working at Crivello Carlson Jeff was a member of the trial team involving litigation surrounding a manufacturer of one of the world's largest mobile cranes. That lawsuit arose out of the construction of the Miller Park Baseball Stadium in 2001 when a crane collapsed resulting in the deaths of three workers. At the conclusion of the trial the court ruled the crane was not defective as a matter of law and co-defendant was responsible for approximately \$100 Million in damages.

In 2017 Jeff defended a telehandler manufacturer in a five week jury trial in Sonoma, California. Plaintiff's attorney had asked the jury to award his client \$26 Million following a double amputation that plaintiff claimed was caused by a defective machine. After three days of deliberation the California jury found that Jeff's client was not negligent and the product was not defective, for a complete defense verdict.

In addition to defending product manufacturers, small businesses and fortune 500 companies, Jeff also defends doctors and healthcare providers in medical malpractice and long term care cases in addition to assisting doctors in licensing issues. He has had great success in all aspects of medical defense and is proud to represent the medical community.

Closer to home Jeff is proud to sit on the Board of Directors for one of the clients that he has represented for nearly 30 years. He has tried numerous cases to juries throughout the State involving automobile accidents, products liability, medical malpractice and fire loss claims with great success.





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www.crivellocarlson.com

RAPID RESPONSE TEAM FOR CRITICAL INCIDENTS

24/7 RESPONSE VIA PHONE, TEXT OR EMAIL:

Call or Text: (888) 248-0385

incidentresponse@crivellocarlson.com

Experienced, Flexible, Responsive and Multidisciplinary Support for Critical Incidents

In the midst of a critical incident, you need to know that your employees and community have the support and resources that they need. In the immediate aftermath of a critical incident, you may have to make split-second decisions that will impact future litigation.

We provide a multidisciplinary approach focused on crisis communication with local and sometimes national media, while also providing privileged and confidential legal support to organizations, supervisors, and those individuals personally involved with the incident. And we do it right away.

Our work is tailored to the needs of your community and organization because that is where our experience lies. We utilize the framework and structure that you already have in place to provide assistance in communicating with your employees, the public, and the media. Importantly, we are also prepared to provide specialized legal representation to the organization, supervisors and the individuals involved with the incident, who may face investigation. Our team is experienced in rapidly providing this support through phone or video conference and on-site consulting.



Anne E. Schwartz

With more than 35 years' experience, Anne E. Schwartz is an award-winning print and broadcast journalist, author, and internationally recognized trainer and advisor on strategic communication and public relations practices for Law Enforcement, prosecutors, Tribal Police, Fire/EMS, schools and others in Criminal Justice and Public Safety.



Samuel C. Hall, Jr.

Sam Hall is the Managing Partner at Crivello Carlson, S.C., where he helps manage the firm's legal work throughout the country. His principal practice focuses on federal civil rights litigation, government affairs, public records law and appellate advocacy. Sam has successfully defended hundreds of law enforcement officers, school officials, and other government officials in cases involving all types of allegations of wrongdoing.

COMBINED REPRESENTATIVE EXPERIENCE:

- ◆ Dozens of Officer-Involved Shootings and Other Law Enforcement/Jail Related Deaths
- ◆ Mass Casualty Events (Oak Creek Sikh temple shooting, Waukesha Christmas Parade Attack and others)
- ◆ Public Unrest and Riots (Kenosha Riots, Wauwatosa Unrest and Unrest Following George Floyd death)
- ◆ School Incidents: Bomb/Shooting Threats, Sexual Assault Allegations, High Profile Student Discipline
- ◆ High Profile Arrests/Prosecutions and Claims of False Arrest (Steven Avery and Brendan Dassey cases)

Diana Dykstra

From: Michael P. Van Kleunen <MVanKleunen@axley.com>
Sent: Tuesday, November 30, 2021 3:14 PM
To: Diana Dykstra
Cc: Kathy Sawyer-Gutenkunst; Debra K. Weber
Subject: Village of Mukwonago - Request for Proposal
Attachments: MPV ltr to Mukwonago w. enclosure.pdf

**CAUTION: This email originated from outside the organization.
Do not click links or open attachments unless you recognize the sender and know the content is safe.**

Interim-Administrator Dykstra,

Attached is Axley Brynelson, LLP's Response to the Request for Proposal for Legal Services to the Village of Mukwonago.

If you could, please confirm your receipt.

Let me know if you have any questions. We look forward to working with you!

Michael P. Van Kleunen

Attorney

Phone: 262.409.2708 (Ext. 268)

Email: MVanKleunen@axley.com | www.axley.com

Axley Brynelson, LLP | N20W22961 Watertown Rd | Waukesha, WI 53186

Unless otherwise indicated or obvious from the nature of this transmittal, the information in this transmission is confidential and protected from disclosure by the attorney-client privilege, attorney work-product doctrine, privacy laws, or by its proprietary nature. This transmission is intended for the exclusive use of the named recipient. If you are not the named recipient or responsible to deliver it to the named recipient, you are notified that any use, copying, disclosure, dissemination, or other distribution of the information is strictly prohibited and you may be subject to legal restrictions or sanctions. If you have received this communication in error or are not sure whether it is confidential, please immediately notify us by return email or telephone at (608) 257-5661 and destroy all copies. To ensure compliance with requirements imposed by the IRS, we inform you that any U.S. federal tax advice contained in this communication (including any attachments) is not intended to be used, and cannot be used, for the purpose of (i) avoiding penalties under the Internal Revenue Code or (ii) promoting, marketing or recommending to another party any transaction or matter addressed herein.



AXLEY BRYNELSON, LLP

• • • • •

MICHAEL P. VAN KLEUNEN
(262) 409-2708
mvk@axley.com

November 30, 2021

VIA EMAIL ONLY

ddykstra@villageofmukwonago.com

Diana Dykstra, MMC
Interim-Administrator/Clerk-Treasurer
440 River Crest Court
Mukwonago, WI 53149

Re: Request for Proposal for Legal Services to Village of Mukwonago

Dear Interim-Administrator Dykstra:

Please find enclosed Axley Brynerson, LLP's Response to Request for Proposal for Legal Services to Village of Mukwonago. Upon request, we are happy to provide physical copies of this Response to Request for Proposal at any forthcoming Village meeting.

Thank you for the opportunity to submit our firm's Response to your Request for Proposal. We are confident that our firm's resources and expertise will allow us to assist the Village in all areas identified in the Request for Proposal.

If you have any questions or would like additional information concerning our firm, please feel free to contact me.

Sincerely,

AXLEY BRYNELSON, LLP

Michael P. Van Kleunen
MPV:dkw

Enclosure

cc: Kathryn Sawyer Gutenkunst (*via email only*)

Axley Attorneys

History of Our Firm & Personnel

Axley Brynson, LLP is a law firm based in Waukesha and Madison that has represented the community since 1885. The firm's 50 attorneys offer its clients a full-service experience by representing individuals, companies, and governmental entities in areas of litigation, employment, corporate and transactional, real estate, public finance, land use and development, tax law, estate planning, personal injury, family law, and lending and creditor rights.

As to its municipal practice, Axley has the expertise to efficiently resolve almost any legal issue facing a governmental entity in a cost-effective manner. These areas include: land use, annexation, finance, intergovernmental negotiation and cooperation, labor issues, ordinance enforcement, and litigation in Municipal and Circuit Court.

Axley has the capacity to serve as successor legal counsel to the Village of Mukwonago and provide prompt service during the transition.



Michael Van Kleunen

mvk@axley.com • 262.409.2708

📍 Waukesha Office



Kathryn Sawyer Gutenkunst

ksg@axley.com • 262.409.2292

📍 Waukesha Office



Tracy J. Murn

tmurn@axley.com • 262.409.2294

📍 Waukesha Office



Timothy Fenner

tfenner@axley.com • 608.283.6733

📍 Waukesha Office



William Cole

wcole@axley.com • 608.283.6766

📍 Madison Office

Supporting Attorneys & Paralegal

ATTORNEY TRACY J. MURN (WAUKESHA)

Attorney Murn currently serves as legal counsel to the Towns of Oconomowoc and Merton. She also practices in the areas of real estate, land use, and general business. Attorney Murn has extensive experience with development projects, land use issues, municipal contracts, and ordinance drafting.

ATTORNEY TIMOTHY D. FENNER (WAUKESHA)

Attorney Fenner has significant municipal law experience throughout his 40-year career counseling towns, villages, cities, and sanitary/sewer and other utility districts.

ATTORNEY WILLIAM S. COLE (MADISON)

Attorney Cole has focused a majority of his 30-year practice on municipal law. During this time, he has handled substantial matters involving land use issues, municipal litigation, eminent domain, and public finance. He currently represents over 15 municipalities and utility districts around Madison.

MEGAN JERKE (MADISON)

Megan Jerke is a Paralegal at Axley with over nine years of paralegal experience. As Axley's Municipal Paralegal, Ms. Jerke focuses her practice in municipal law and provides a range of support to the firm's municipal group.

Memberships

Axley is a member of the League of Wisconsin Municipalities and various subcommittees. The firm has conducted several workshops and seminars on municipal law issues. Axley is also a member of the Wisconsin Towns Association.

Representative Clients

Municipalities & Public Entities

References

MUNICIPALITY	ADDRESS
Town of Brookfield Tom Hagie, Town Administrator	645 N. Janacek Road, Brookfield, WI 53045 262.796.3788, administrator@townofbrookfield.com
Village of Johnson Creek Brad Calder, Village Administrator	125 Depot Street, Johnson Creek, WI 53038 920.699.2296, villageadministrator@johnsoncreekwi.org

Other Representative Clients

- ▶ City of Delafield
- ▶ City of Mayville
- ▶ City of Monona
- ▶ City of Platteville
- ▶ City of Waterloo
- ▶ City of Watertown
- ▶ Heart of the Valley Metropolitan Sewerage District
- ▶ Iowa County
- ▶ Leroy Sanitary District No. 1
- ▶ Town of Cottage Grove
- ▶ Town of Koshkonong
- ▶ Town of Mayville
- ▶ Village of Black Earth
- ▶ Village of Brooklyn
- ▶ Village of Maple Bluff
- ▶ Village of Mazomanie
- ▶ Village of Prairie du Sac
- ▶ Village of Warrens
- ▶ Village of Windsor
- ▶ Walworth County Metropolitan Sewerage District

Conflict of Interest

Axley presently has identified a potential conflict with Teronomy Builders, Inc. relating to an ongoing development matter in the Village. Axley could not represent the Village as it relates to this matter. For an abundance of caution, a conflict waiver letter should also be signed. Axley has dealt with similar situations in the past and can discuss alternative representation options with the Village.

In the event that any other conflicts of interest would arise, we will promptly notify the Village and take appropriate action to resolve the conflict.

November 4, 2021

VIA E-MAIL: ddykstra@villageofmukwonago.com

Ms. Diana Dykstra, MMC
Village of Mukwonago
440 River Crest Court
Mukwonago, WI 53149

Re: Proposal for Specialized Legal Services

Dear Ms. Dykstra:

Thank you for inviting us to participate in your request for proposals for legal services. We would like to take this opportunity to submit our interest in providing specialized legal services to the Village of Mukwonago. von Briesen is a Wisconsin-based law firm with over 180 attorneys in offices throughout the state. We have worked tremendously hard to earn our reputation throughout the state as the firm of choice when government faces difficult legal challenges.

The firm's Government Law Group emphasizes innovation and creativity to solve all government legal needs, not just labor and employment needs. Our team of dedicated professionals has made it their mission to creatively solve the most pressing challenges facing governments.

von Briesen is unparalleled in its representation of government. The firm's clientele includes more than 200 counties, villages, cities, towns, school districts, utility districts and other quasi-governmental entities throughout the State of Wisconsin. We are most qualified to assist the Village of Mukwonago with specialized legal matters that are not typically handled by the City Attorney. Our experience in the specialty areas of law that municipal governments encounter, but are not considered routine, allows us to partner with your City and City Attorney to provide economies of scale and better results and are listed below alphabetically.

- Compliance and Training on HIPAA and other federal and state privacy law
- Constitutional Issues
- Construction and Construction-related Litigation
- Contracts and Procurement
- COVID-19 Concerns
- Data Breach Response, Reporting and Mitigation

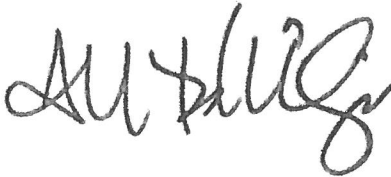
- Development
- Eminent Domain
- Employee Benefits
- Environmental
- Government Finance
- Land Development Agreements
- Litigation and Dispute Resolution
- Open Records/Open Meetings
- Property Tax Disputes
- Real Estate
- Tax Incremental Financing (TIF) District Development Projects
- Zoning and Land Use Issues

Our discounted blended rate for general municipal work is \$315/hour and our discounted blended rate for development and construction work is \$375/hour. Specialty legal services such as environmental, eminent domain, Federal and State court litigation, and financing require the services of attorneys in the firm with specialized experience. This work would fall outside the discounted billing rates identified above.

We appreciate the opportunity to confirm our interest in providing the Village of Mukwonago with specialized legal services and look forward to hearing further about the opportunity to do so.

Very truly yours,

von BRIESEN & ROPER, s.c.



Andrew T. Phillips, Shareholder
Chair, Government Law Group

References

1. City of Waukesha
Kevin Lahner, City Administrator
klahner@waukesha-wi.gov
(262) 524-3700
201 Delafield St.
Waukesha, WI 53188
Representation: mid-2000s through present
Services Provided: Labor and employment services
2. Village of Saukville
Dawn Wagner, Village Administrator
dwagner@village.saukville.wi.us
(262) 284-9423
639 E. Green Bay Ave.
Saukville, WI 53080
3. Village of Caledonia
Thomas J. Christensen, Village Administrator
TChristensen@caledonia-wi.gov
(262) 835-4551
5043 Chester Lane
Racine, WI 53402
Representation: representation of the Village from mid-2000s through present
Services Provided: Labor and employment, litigation, real estate and other matters
4. Mr. Patrick Glynn
Carlson Dettman Consulting, a Cottingham & Butler Company
Patrick.Glynn@carlsondettman.com
(608) 729-7556
800 Main St.
Dubuque, IA 52001
Representation: Coordinated services in various capacities since mid-2000s
Services Provided: Consulting services and labor and employment services
5. Mr. Steven Riffel (retired Chief of Police and Fire Chief, City of Sheboygan Falls)
Community Security Solutions
sriffel@communitysecuritysolutions.com
(414)315-2111
676 Sweet Briar Ct.
Kewaskum, WI 53040
Representation: Coordinated services in various capacities since mid-2000s
Services Provided: Consulting services and labor and employment services

Fee Structure Comparison

DESCRIPTION	General Legal	Litigation	Utility	TIF/Development
Axley	\$ 225.00	\$ 225.00	\$ 275.00	\$ 325.00
Crivelo Carlson	\$ 200.00	\$ 200.00		
Von Briesen	\$ 315.00			\$ 375.00

* Paralegal billed at \$115/Hr.

**Special Litigation, Eminent Domain
etc will require increased fee

Agenda Item #C

1. Please describe why your firm has applied for this position.
2. What do you know about the Village of Mukwonago and why do you feel that your firm would be a good fit to represent the Village?
3. What is your philosophy for providing municipal legal representation?
4. Please describe the current representation you have of municipal clients.
5. Please describe the past experience of your firm in representing municipal clients.
6. As to your current municipal clients, who is the principal attorney providing that representation?
7. What is the scope of other matters in which your firm has had to refer out in providing that municipal representation?
8. Who will be the Village's primary contact, and who will be the other assigned attorneys providing representation? As to each such person, please describe their legal experience and, in particular, their experience with regard to municipal matters, including the clients represented, kinds of matters worked on, and the duration of that experience.
9. Are you able to keep the Village updated proactively as to changes in legislation in Madison and Washington that would affect the Village?
10. What level of commitment are you willing to make for the duration of the contract?

The following is a list of matters which a municipal attorney would have the occasion to deal with. You may want to provide them with that list and ask them whether there are any matters which they would not have experience in and would need to refer out, and that list would be the following:

- Preparation of Developer Agreements
- Preparing Easement and Access Agreement
- Real Estate Purchases and Sales
- TIF Districts
- Work on Project Plans and Developer Agreements related thereto
- Preparation of Leases, e.g., Cell Towers
- Open Meetings/Open Records Issues
- Ethics Matters
- Review of Contracts for Design and Construction of Public Infrastructure
- Planning and Zoning, Smart Growth Issues
- Representation of Boards of Zoning Appeal
- Familiarity with ADA or RLUIPA and the Fair Housing Acts and their impacts on Municipal Land Use
- Historic Preservation Issues
- Sex Offender Residency Issues
- Review of surety instruments, Bonds, and Letters of Credit
- Police and Fire Commission Issues
- Special Assessments
- Raze and Repair Orders

- Public Right-of-Way Discontinuance/Vacation
- Storm Water Management and Maintenance Agreements
- Liquor Licenses
- Impact Fees
- Eminent Domain
- Tax Assessments and Boards of Review
- Parliamentary procedure and

11. What can the Village expect with regard to response time to voice and emails?
12. Is a member of your firm prepared to be present at Village Committee of the Whole and Board Meetings, as well as necessary for other meetings such as the Plan Commission, Board and Zoning Appeals and Board of Review?
13. Do you anticipate any conflicts of interest in providing representation to the Village? For example, representation of Village businesses.
14. When would your firm be able to begin the representation?
15. The Village bills many of its attorney costs for developments to developers. This requires keeping track of time and charges based on particular projects. Are you able to accommodate that billing practice?
16. Why should the Village retain your firm?