

Village of Mukwonago
Notice of Meeting and Agenda

REGULAR VILLAGE BOARD MEETING
Wednesday, January 19, 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. 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 16, 2021 and Special Village Board Meeting of January 5, 2022.

[2021-12-15 DRAFT VB Minutes.docx](#)

[2022-01-05 Draft Special VB Minutes.docx](#)

- 5.2 Approve Accounts Payable Vouchers in the amount of \$1,148,259.56

[AP - COW Packet 01052022.pdf](#)

- 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.)*

[Sandys Miller Time LLC Original App 2021_Redacted.pdf](#)

- 5.4 Approve participation in the Waukesha County Adopt-a-Drain program.

[Adopt a Drain Agenda Cover Report .docx](#)

[Adopt A Drain.pdf](#)

6. Other Items for Approval

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

- 6.1 Discussion and possible action to approve banner designs for the downtown area and design template for promotional events.
[Banner Designs 12-22-2021 VB Memo.pdf](#)
- 6.2 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.
[Signage Wayfinding - Color Options - 12-27-2021 Memo.pdf](#)

7. 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.

- 7.1 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.
[Public Hearing Notice VB2 - Rezoning - - MUKV2009964001 - MUKV2009964004.pdf](#)

8. Planning Commission Recommendations

Discussion and possible action on the following Plan Commission Recommendations

- 8.1 Discussion and possible action to approve **RESOLUTION 2022-01** for Outdoor Dining 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.
[Staff Report - CU-SPAR - Bee Well Cafe- 100 Main Suite 1 - MUKV 1976-109-001.pdf](#)
[RESOLUTION 2022-01 - CU - Bee Well Cafe- 100 Main Suite 1 - MUKV 1976-109-001.pdf](#)
- 8.2 Discussion and possible action to approve **RESOLUTION 2022-02** to approve a Site Plan and Architectural Review (SPAR) for a Outdoor Dining for Bee Well Café, (Calaya Nelson) applicant; 100 Main Street, Suite 1; Parcel MUKV 1976-109-001.
[RESOLUTION 2022-02 - SPAR - Bee Well Cafe- 100 Main Suite 1 - MUKV 1976-109-001 clean for VB.pdf](#)
- 8.3 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.
[SPAR - Solar Panels - 410 Shore Drive.pdf](#)
[RESOLUTION 2022-03 SPAR - 410 Shore Dr- Solar Pannels.pdf](#)

- 8.4 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

[SPAR - Solar Panels - 626 Oakland.pdf](#)

[RESOLUTION 2022-04 SPAR - 626 Oakland Ave - Solar Pannels.pdf](#)

- 8.5 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.

[SPAR - Village Pumper- 710-712 Main Street.pdf](#)

[RESOLUTION 2022-05 SPAR - Village Pumper- 710-712 Main Street - W Rev clean copy for VB.pdf](#)

- 8.6 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.

[SPAR - Kwik Trip Cooler - - 1220 Rochester - MUKV1962993001.pdf](#)

[RESOLUTION 2022-06 SPAR - 1220 Rochester - MUKV1962993001.pdf](#)

- 8.7 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.

[Staff Report -Rezoning - SPAR - Parking - Blue Bay - 927 Main Street - MUKV2009 964 001 with attachments.pdf](#)

[ORDINANCE 998-Amend Zoning Map-Blue Bay- 927 Main Street - MUKV2009 964 001 w correction of#.pdf](#)

[Ordinance 998 Exhibit A.pdf](#)

[Ordinance 998 Exhibit B.pdf](#)

- 8.8 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.

[Staff Report -Rezoning - SPAR - Parking - Blue Bay - 927 Main Street - MUKV2009 964 001 with attachments.pdf](#)

[RESOLUTION 2022-07 SPAR- Blue Bay - 927 Main Street - MUKV2009 964 001 w revision for VB clean.pdf](#)

[Exhibit A - RESOLUTION 2022-07 Blue Bay.pdf](#)

9. Finance Committee, Trustee Meiners

Discussion and possible action on the following items

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

[AP Packet VB 01192022.pdf](#)

- 9.2 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.

[Mukwonago Contract Amendment 2022.docx](#)

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

[RESOLUTION 2022-08 \(Property Tax Refund Overpayments\)](#)

- 9.4 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.

[HAWS Service Agreement 2022-2024](#)

10. Judicial Committee, Trustee Walsh

Discussion and possible action on the following items

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

[Knights of Columbus 2-18-22 Event Temp App.pdf](#)

11. Protective Services, Trustee Adler

Discussion and possible action on the following items

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

[Monthly Report December 2021.pdf](#)

12. 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 concerning GFLP v Village of Mukwonago and regarding liquidated damages with JH Hassinger.

13. 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. 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.

MINUTES OF THE VILLAGE BOARD OF TRUSTEES MEETING Wednesday, December 15, 2021

Time: 6:30 pm

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

Call to Order

Meeting was called to order by President Winchowky 6:30pm.

Roll Call

Board Members Present

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

Also Present

Diana Dykstra, Village Clerk-Treasurer
Diana Doherty, Finance Director
John Fellows, Village Planner
Chris DeMotto, Asst Police Chief
Mike Michalski, Village Engineer
Mark Blum, Village Attorney
Ron Bittner, Public Works Director
Dave Brown, Utilities Director
Wayne Castle, Utilities Director
Tim Rutenbeck, Building Inspections Supervisor

Pledge of Allegiance

Comments from the Public

David Boebel, 815 Parkview Ln, submitted the following comments:

"8. Planning Commission Recommendations

8.4 Discussion and action on a special exception for additional square footage for wall signs for ProHealth/Waukesha Memorial Hospital Inc, applicant; 240 Maple Ave; Parcel MUKV 2016-993-002.

No matter how the signs in the staff report are described, these two signs are SINGLE SIGNS — WHITE SPACE IS PART OF THE DESIGN!

There are no "secondary signs" - the individual pieces cannot be moved relative to each other. The "secondary signs" - "Hospital Mukwonago", "Memorial Hospital", and "Mukwonago" make no sense standing alone — THEY ARE ALL PART OF THE PARENT SIGN! Any changes to overall size affects all signs equally — there is no separation between individual pieces of the parent sign.

The area calculation done by the Community Planner gives the ProHealth Care sign proposal extraordinary advantage over typical single-piece sign construction. These calculations should be rejected on the basis of a lack of universality needed for typical variations in sign construction.

A simple and fair calculation across corners of a sign (or group) is fairest. Location #7 (primary) is actually 286 sf measured across corners and Location #10 (secondary) is actually 209 sf for a total of 495 sf, a 65% increase over the 300 sf specified in the sign code.

The ProHealth Care building is closer to the street than either Home Depot or Walmart — which makes the 300 sq ft sign package more prominent than standard signs at Home Depot and Walmart. Consistent sizing is the fairest for all TID#3 merchants.

There is no hardship or other reason for ProHealth Care to need larger signs. If the Village accepts the argument that larger buildings deserve larger signs, then the sign code needs to be rewritten.

These signs are billboards, not signs. There is no good reason to extend ProHealth Care an exception to the standard sign code allowance."

Micah Roberts, Resident, expressed concerns regarding fee schedules and the amount of fees that have jumped. He noted there are new fees for several permits for building and zoning fees, Zoning Map fees, concept reviews, and feels it is a great deal of money. Further he noted there is an agricultural building accessory structure proposed .7cents per sq ft. He would challenge the body not to approve the increases.

Presentations

Presentation from Executive Director of Economic Development for Waukesha County Center for Growth Judie Taylor.

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 Special Village Board meeting of November 3, 2021, Joint Village Board Meeting of November 15, 2021, and Regular Village Board meeting of November 17, 2021.

6.2 Motion to approve the Sign and Wayfinding Program formal design as Option #2 with a final color choice yet to be determined

6.3 Motion to approve Accounts Payable Vouchers in the amount of \$383,280.15

6.4 Motion to approve Resolution 2021-102 A Resolution to adopt the 2022 Fee Schedule for the Village of Mukwonago.

6.5 Motion to approve a contract agreement for Assessment Services with Associated Appraisal Consultants, Inc. for 2022-2023

6.6 Motion to approve authorizing the Village President to sign a 3-year engagement letter with Baker Tilly for the 2021-2023 annual audits.

6.7 Motion to approve Resolution 2021 -99 A resolution related to the annual increase in Impact Fees and Sewer Connection Fees as allowed by Village code.

6.8 Motion to approve a Class A combination Liquor and Fermented Malt Beverage License application for the NHI Real Estate Holding LLC d/b/a Village Mini Mart, Harjinder Khasria agent.

6.9 Motion to approve a Temporary Class "B" Retailers License to sell fermented malt beverages for the Rotary Club of Mukwonago for the Drive thru Beer Garden Fundraiser on January 8, 2022.

6.10 Motion to approve Resolution 2021-101 A Resolution to appoint Election Inspectors for the Village of Mukwonago.

6.11 Motion to approve Resolution 2021-96 A Resolution approving the 2022 Salary and Wage Schedules for Non-Represented Full-Time and Part-Time Employees.

6.12 Motion to approve Resolution 2021-97 A Resolution relating to a wage exception for the Utilities Lead Operator position.

6.13 Motion to approve Resolution 2021-98 A Resolution authorizing annual stipends for the Assistant Fire Chief and Deputy Fire Chief

6.14 Motion to approve Change Order No. 4 for DeBack Drive Infrastructure in the amount of \$72,200.00

6.15 Motion to approve Resolution 2021-100 A Resolution adopting the Annual Tax Increment District Budgets for TID #3, TID #4, and TID #5.

Decker/Meiners motion to approve Consent Agenda items 6.1 to 6.15 (Less 6.4)
Trustee Johnson asked exclude item 6.4 Fee Schedule.
Unanimously carried

6.4 Motion to approve Resolution 2021-102 A Resolution to adopt the 2022 Fee Schedule for the Village of Mukwonago.

Trustee Johnson questioned the Fireworks permit review.
Planner Fellows discussed additional fees he requested the board to implement.
President Winchowky questioned the \$1000 major comprehensive review fee.
Fellows noted it requires public meetings and hearings and multiple month process and a lot of effort.
Clerk Dykstra noted the line does list "Plus Chargebacks" so it should be clarified if this is a flat fee or if it includes billable expenses.
Trustee Meiners noted he helped create the comprehensive plan, this is a long-term plan and this is our defense as we have created our vision for the community and doesn't feel it should be changed easily. The Plan Review a builder would specifically ask for and he feels is a small amount of money in a builder's world. Doesn't feel these fees are excessive.
Trustee Walsh agrees with Trustee Meiners, and feels we should carefully consider major amendment.
Trustee Johnson noted that citizens see fees as a tax and feels even with incremental increases feels it is a lot extra increase.

Decker/Adler motion to approve Resolution 2021-102 a Resolution to adopt the 2022 Fee Schedule for the Village, with adjustment for flat fee on the master plan amendment.
Roll Call: "Yes" Trustee Adler, Brill, Decker, Meiners, Walsh. "No" Trustee Johnson and President Winchowky. Motion carried 5-2.

Other Items for Approval

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

Motion to approve the donation of \$2,500 budgeted in the Celebrations account, to the Phantom Lakes Fireworks display for July 3, 2022.

Decker/Meiners motion to approve the donation of \$2,500 budgeted in the Celebrations account, to the Phantom Lakes Fireworks display for July 3, 2022.
President Winchowky noted this is the first time we have ever done this and is concerned we are setting a precedent.
Roll Call: "Yes" Trustee Brill, Decker, Johnson, Meiners, Walsh. "No" Trustees Adler and Winchowky. Motion carried 5-2.

Planning Commission Recommendations

Discussion and possible action to rescind Resolution 2018-024 for a Preliminary Plat for Chapman Farms Subdivision (Phase 1,2, and 3) and adoption of a RESOLUTION 2021-84 for a Preliminary Plat for Chapman Farms Subdivision (Phase 1, 2, 3, and 4) for Bielinski Homes, LLC, Parcel Numbers MUKV 1957-001-010, MUKV 195-7001-001, MUKV 1957-007, MUKV 1957-006, MUKV 1957-004, MUKV 1957-005, MUKV 1957-011, MUKV 1957-010, MUKV 1957-997-001.

Decker/Brill motion to rescind Resolution 2018-024 for a Preliminary Plat for Chapman Farms Subdivision (Phase 1,2, and 3) and adoption of a RESOLUTION 2021-84 for a Preliminary Plat for Chapman Farms Subdivision (Phase 1, 2, 3, and 4) for Bielinski Homes, LLC, Parcel Numbers MUKV 1957-001-010, MUKV 195-7001-001, MUKV 1957-007, MUKV 1957-006, MUKV 1957-004, MUKV 1957-005, MUKV 1957-011, MUKV 1957-010, MUKV 1957-997-001. Unanimously carried.

Discussion and possible action regarding an amendment to development agreement for subdivision improvements for Chapman Farms Subdivision (First Phase) and adopt a new Resolution 2021-085; and consideration and discussion regarding an amendment to development agreement for subdivision improvements for Chapman Farms Subdivision (Second Phase) and adopt a new Resolution 2021-086

Decker/Brill motion to approve an amendment to development agreement for subdivision improvements for Chapman Farms Subdivision (First Phase) and adopt a new Resolution 2021-085; and consideration and discussion regarding an amendment to development agreement for subdivision improvements for Chapman Farms Subdivision (Second Phase) and adopt a new Resolution 2021-086 Unanimously carried.

Discussion and possible action regarding approval of a revised Stormwater Maintenance Agreement (SWMA) of December 2, 2021 for Chapman Farms Subdivision; and discussion and consideration regarding approval of a revised Preliminary Stormwater Maintenance Plan (SWMP) of November 18, 2021 for Chapman Farms.

Decker/Meiners motion to approve a revised Stormwater Maintenance Agreement (SWMA) of December 2, 2021 for Chapman Farms Subdivision; and discussion and consideration regarding approval of a revised Preliminary Stormwater Maintenance Plan (SWMP) of November 18, 2021 for Chapman Farms. Unanimously carried.

Discussion and action on a special exception for additional square footage for wall signs for ProHealth/Waukesha Memorial Hospital Inc, applicant; 240 Maple Ave; Parcel MUKV 2016-993-002.

Decker/Meiners motion to approve a special exception for additional square footage for wall signs for ProHealth/Waukesha Memorial Hospital Inc, applicant; 240 Maple Ave; Parcel MUKV 2016-993-002.

Roll Call: "Yes" Trustee Adler, Decker, Johnson, Meiners, Walsh, and Winchowky. Abstain Trustee Brill. Motion carried.

Discussion and possible action to approve RESOLUTION 2021-103 for a conditional use for Lynch Ventures, LLC, 280 E Wolf Run, Parcel Number MUKV Lynch Ventures, LLC, 280 E Wolf Run, Parcel Number MUKV 2013-994-004.

Decker/Meiners motion to approve RESOLUTION 2021-103 for a conditional use for Lynch Ventures, LLC, 280 E Wolf Run, Parcel Number MUKV Lynch Ventures, LLC, 280 E Wolf Run, Parcel Number MUKV 2013-994-004.

Unanimously carried.

Discussion and possible action to approve RESOLUTION 2021-104 for a site plan and architectural review for Lynch Ventures, LLC, 280 E Wolf Run, Parcel Number MUKV 2013-994-004

Decker/Meiners motion to approve RESOLUTION 2021-104 for a site plan and architectural review for Lynch Ventures, LLC, 280 E Wolf Run, Parcel Number MUKV 2013-994-004. Unanimously carried.

Discussion and possible action on a recommendation from the Planning Commission for site plan and architectural review for a swimming pool and associated amenities for Suzanne Perkins, applicant; 406 Grand Ave; MUKV 1973-046.

Decker/Brill motion to approve Resolution 2021-105 a site plan and architectural review for a swimming pool and associated amenities for Suzanne Perkins, applicant; 406 Grand Ave; MUKV 1973-046. Unanimously carried.

Discussion and possible action to approve RESOLUTION 2021-106 for Site Plan and Architectural Review for Car Wash; Carl Goede/Rivers Edge Care Wash, applicant; 809 S Rochester St; Parcel MUKV 2009-978-004.

Decker/Johnson motion to approve RESOLUTION 2021-106 for Site Plan and Architectural Review for Car Wash; Carl Goede/Rivers Edge Care Wash, applicant; 809 S Rochester St; Parcel MUKV 2009-978-004. Unanimously carried.

Finance Committee, Trustee Meiners

Discussion and possible action to approve Accounts Payable Vouchers in the amount of \$346,108.59.

Meiners/Decker motion to approve Accounts Payable Vouchers in the amount of \$346,108.59. Unanimously carried.

Discussion and possible action to approve We Energies' electric facilities relocation for DeBack Drive Infrastructure in the amount of \$16,802.18.

Meiners/Decker motion to approve We Energies' electric facilities relocation for DeBack Drive Infrastructure in the amount of \$16,802.18 subject to further staff review in regard to litigation. Unanimously carried.

Discussion and possible action to approve a purchase requisition for a John Deere 324L Four Wheel Drive Loader 2.1 Cy Bucket, Snowplow, Angle Broom in the amount of \$120,400

Meiners/Decker motion to approve a purchase requisition for a John Deere 324L Four Wheel Drive Loader 2.1 Cy Bucket, Snowplow, Angle Broom in the amount of \$120,400. Unanimously carried.

Public Works Committee, Trustee Brill

Discussion and possible action to approve the reimbursement of \$2,346.92 to Jan and Marsha Grutzmacher of 723 Division Street, Mukwonago for sewer lateral cleaning due to faulty village sewer repair.

Brill/Walsh motion to approve the reimbursement of \$2,346.92 to Jan and Marsha Grutzmacher of 723 Division Street, Mukwonago for sewer lateral cleaning due to faulty village sewer repair. Unanimously carried.

Closed Session

Decker/Johnson 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 Liquidated Damages for the Indian Head Outdoor Performance Stage 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 with the Hill Court Partners.

Roll Call: "Yes" Trustee Adler, Brill, Decker, Johnson, Meiners, Walsh, and Winchowky.
Unanimously carried.

Also Present Clerk Dykstra and Village Administrator Fred Schnook

Reconvene into Open Session

Johnson/Meiners 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

Roll Call: "Yes" Roll Call: "Yes" Trustee Adler, Brill, Decker, Johnson, Meiners, Walsh, and Winchowky. Unanimously carried.

Meiners/ Decker motion to Approve an Offer to Purchase from Hill Court Partners as presented by the Village Attorney.

Roll Call: "Yes" Trustee Adler, Brill, Decker, Meiners, Walsh, Winchowky. "No" Trustee Johnson. Motion carried 6-1.

Adjournment

Meeting adjourned at 7:54pm.

Respectfully Submitted,

/s/ Diana Dykstra, MMC
Village Clerk-Treasurer

MINUTES OF THE SPECIAL VILLAGE BOARD MEETING

Wednesday, January 5, 2022

Time: **6:30 pm**

Place: **Mukwonago Municipal Building, 440 River Crest Ct., Mukwonago, WI 53149**

***** This meeting will begin at 6:30pm or immediately following the Committee of the Whole. *****

Call To Order

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

Roll Call

Board Members Present

Daniel Adler
Eric Brill
Jim Decker
Darlene Johnson
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
Mike Michalski, Village Engineer
Mark Blum, Village Attorney
Ron Bittner, Public Works Director
Wayne Castle, Utilities Director
Tim Rutenbeck, Building Inspections Supervisor

Closed Session

Decker/Johnson 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 GFLP v Village of Mukwonago.

Roll Call: "Yes" Trustee Adler, Brill, Decker, Johnson, Meiners, Walsh, Winchowky.
Unanimously carried.

Open Session

Decker/Johnson motion to reconvene into open session pursuant to Wis. Stats. §19.85(2) at 7:38pm. Roll Call: "Yes" Trustee Adler, Brill, Decker, Johnson, Meiners, Walsh, Winchowky.
Unanimously carried.

Adjournment

Meeting adjourned at 7:38pm.

/s/ Diana Dykstra, MMC
Village Clerk-Treasurer

Accounts Payable Cover Sheet

Report:	Period or corresponding report date		
Village Accounts Payable	12/29/2021	\$	914,282.30
Library Accounts Payable	12/14/2021	\$	24,196.82
Charter Communications/Spectrum (ach withdrawal)	12/15/2021	\$	2,890.36
US Bank (ach withdrawal)	12/28/2021	\$	15,420.87
We Energies (ach withdrawal)	12/14/2021	\$	39,005.62
Check Disbursement - Court	12/8/2021	\$	5,595.94
Check Disbursement -Invoice Cloud, Flex, Payroll Related	12/28/2021	\$	55,914.63
Check Disbursement - Payroll Related, Escrow, Postage	12/21/2021	\$	3,299.53
Check Disbursement - Payroll Related	12/8/2021	\$	6,917.37
Check Disbursement - Payroll Related	12/22/2021	\$	80,736.12
	Total for Approval:	\$	<u>1,148,259.56</u>

The preceding list of bills payable was approved for payment

Date: _____

Approved by: _____

12/29/2021 01:02 PM
User: MROCKLEY
DB: Mukwonago

PENDING VILLAGE BOARD REVIEW FOR MUKWONAGO
EXP CHECK RUN DATES 01/06/2022 - 01/06/2022
BOTH JOURNALIZED AND UNJOURNALIZED OPEN AND PAID
BANK CODE: GEN - CHECK TYPE: PAPER CHECK

Page: 1/9

INVOICE NUMBER	DESCRIPTION	DISTRIBUTIONS\AMOUNTS		APPROVAL AMOUNT	DEPARTMENT
VENDOR NAME: 5 ALARM FIRE & SAFETY					
P00705	LION TURNOUT GEAR	150-5700-571300	35,893.95	35,893.95	FIRE
P00706	LUDWIG LION TURNOUT GEAR	150-5700-571300	2,765.95	2,765.95	FIRE
P00957	EMS APPARATUS	150-5700-571400	571.85	571.85	FIRE
P01078	EMS SUPPLIES 3451	150-5231-531100	166.03	166.03	FIRE
TOTAL VENDOR 5 ALARM FIRE & SAFETY				39,397.78	
VENDOR NAME: ABT MAILCOM					
41031	WAL CO TAX BILL MAILING	100-5142-531500	39.44	39.44	CLERK
TOTAL VENDOR ABT MAILCOM				39.44	
VENDOR NAME: AIRGAS USA LLC					
9120475558	EMS SUPPLIES	150-5231-531100	715.59	715.59	FIRE
9984349525	EMS SUPPLIES	150-5231-531100	430.29	430.29	FIRE
TOTAL VENDOR AIRGAS USA LLC				1,145.88	
VENDOR NAME: ALSCO					
IMIL1755524	MAT CLEANING SERVICE	100-5211-539400	51.86	51.86	POLICE
TOTAL VENDOR ALSCO				51.86	
VENDOR NAME: AQUA-PURE OF WI					
1090	WWTF CHEMICALS FOR PHOSPHORUS REMOVAL	620-8010-824000	2,535.00	2,535.00	UTILITIES
TOTAL VENDOR AQUA-PURE OF WI				2,535.00	
VENDOR NAME: AT & T MOBILITY					
287291370101X12152	AT&T CELL PHONES AND HOTSPOTS	100-5211-522500	629.77	629.77	POLICE
TOTAL VENDOR AT & T MOBILITY				629.77	
VENDOR NAME: AUER STEEL					
31160327	FIRE STATION FURNACE	430-5700-571200	25,755.00	25,755.00	DPW
TOTAL VENDOR AUER STEEL				25,755.00	
VENDOR NAME: AUGUST WINTER & SONS INC					
36230	WWTF STEPSCREEN BACKFLOW REPAIR	620-8010-834000	6,204.40	6,204.40	UTILITIES
TOTAL VENDOR AUGUST WINTER & SONS INC				6,204.40	
VENDOR NAME: BASSETT MECHANICAL					
6510017	WWTF BOILER REPAIR REPLACE NAT GAS REGUL	620-8010-833000	1,198.24	1,198.24	UTILITIES
TOTAL VENDOR BASSETT MECHANICAL				1,198.24	
VENDOR NAME: BEDROCK SEWER & WATER					
2653	WWTF LATERAL REPAIR @ 723 DIVISION DUE T	620-8030-831000	9,210.58	9,210.58	UTILITIES
TOTAL VENDOR BEDROCK SEWER & WATER				9,210.58	
VENDOR NAME: BOUND TREE MEDICAL LLC					
84305238	EMS BAGS	150-5231-531100	264.99	264.99	FIRE
84305237	EMS SUPPLIES	150-5231-531100	177.96	177.96	FIRE
TOTAL VENDOR BOUND TREE MEDICAL LLC				442.95	
VENDOR NAME: BROOKS TRACTOR					
R21033	WWTF LOADER RENTAL WHILE SKIDSTEER WAS D	620-8010-825500	166.67	166.67	UTILITIES

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INVOICE NUMBER	DESCRIPTION	DISTRIBUTIONS\AMOUNTS		AMOUNT	APPROVAL DEPARTMENT
VENDOR NAME: BROOKS TRACTOR					
M56519	WWTF SCRAPER BLADE	620-8010-825500	230.58	230.58	UTILITIES
TOTAL VENDOR BROOKS TRACTOR				397.25	
VENDOR NAME: C & M AUTO PARTS INC					
6079-346526	EQUIPMENT PARTS	100-5220-539400	3.99	38.58	DPW
		100-5324-539500	34.59		
6079-346132	SHOP SUPPLIES	100-5323-531100	13.24	13.24	DPW
TOTAL VENDOR C & M AUTO PARTS INC				51.82	
VENDOR NAME: CARDINAL PRINT GROUP					
18328	RESERVE OFFICER TIME SLIPS	100-5212-531200	39.75	39.75	POLICE
TOTAL VENDOR CARDINAL PRINT GROUP				39.75	
VENDOR NAME: CENTURY SPRINGS BOTTLING					
5005578	WWTF LAB SUPPLIES	620-8010-827000	39.47	39.47	UTILITIES
TOTAL VENDOR CENTURY SPRINGS BOTTLING				39.47	
VENDOR NAME: CHEMTRADE CHEMICALS US LLC					
93250651	WWTF CHEMICALS FOR PHOSPHORUS REMOVAL	620-8010-824000	11,725.00	11,725.00	UTILITIES
TOTAL VENDOR CHEMTRADE CHEMICALS US LLC				11,725.00	
VENDOR NAME: CINTAS					
4103650535	SATFF UNIFORMS	100-5323-531100	118.32	118.32	DPW
4103650546	WATER/WWTF UNIFORM SERVICE	610-6920-693000	59.55	118.55	UTILITIES
		620-8010-827000	59.00		
4104334339	STAFF UNIFORMS	100-5323-531100	118.32	118.32	DPW
4104334414		610-6920-693000	118.55	118.55	UTILITIES
4105016565	WATER/WWTF UNIFORMS	610-6920-693000	84.78	169.55	UTILITIES
		620-8010-827000	84.77		
TOTAL VENDOR CINTAS				643.29	
VENDOR NAME: CIT					
39003539	WWTF COPIER COSTS	620-8400-851000	88.64	88.64	UTILITIES
TOTAL VENDOR CIT				88.64	
VENDOR NAME: CIVITEK CONSULTING					
62-11	ZONING CODE UPDATE - OCTOBER 2021	200-5632-521900	5,000.00	5,000.00	PLANNER
62-12	ZONING CODE UPDATE - NOVEMBER 2021	200-5632-521900	5,000.00	5,000.00	PLANNER
TOTAL VENDOR CIVITEK CONSULTING				10,000.00	
VENDOR NAME: CJ & ASSOCIATES, INC					
0229247-IN	CHIEF AND AC OFFICE CARPET	100-5211-539400	2,855.20	2,855.20	POLICE
TOTAL VENDOR CJ & ASSOCIATES, INC				2,855.20	
VENDOR NAME: CONSOLIDATED PLASTICS					

INVOICE NUMBER	DESCRIPTION	DISTRIBUTIONS\AMOUNTS		APPROVAL AMOUNT	DEPARTMENT
VENDOR NAME: CONSOLIDATED PLASTICS					
4642	WWTF LAB SAMPLING BOTTLES	620-8010-826000	52.80	52.80	UTILITIES
TOTAL VENDOR CONSOLIDATED PLASTICS				52.80	
VENDOR NAME: CORE & MAIN LP					
Q041486	WATER SERVICE REPAIR PARTS	610-6452-665200	110.87	110.87	UTILITIES
P380874	WATER NEW METERS	610-0000-134600	9,800.00	9,800.00	UTILITIES
P991428	WATER SERVICE REPAIR PARTS	610-6452-665200	813.00	813.00	UTILITIES
Q054450	WATER NEW METERS	610-0000-134600	902.40	902.40	UTILITIES
TOTAL VENDOR CORE & MAIN LP				11,626.27	
VENDOR NAME: COREY OIL, LTD					
232497	OIL DYE	100-5324-535100	19.62	19.62	DPW
TOTAL VENDOR COREY OIL, LTD				19.62	
VENDOR NAME: DE LAGE LANDEN FINANCIAL					
74657362	LEASE 12/15/21 - 01/14/22 KONICA 450I	100-5142-531200	22.72	160.00	ALLOCATE
		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		
74657362- POLICE	COPIER LEASE DECEMBER INVOICE	100-5211-521900	108.00	108.00	POLICE
TOTAL VENDOR DE LAGE LANDEN FINANCIAL				268.00	
VENDOR NAME: DIGGERS HOTLINE INC					
211138301	WATER/WWTF DIGGERS HOTLINE	610-6920-693000	275.00	577.10	UTILITIES
		620-8010-827000	302.10		
38301- CREDIT	WATER DIGGERS HOTLINE	610-6920-693000	(1.99)	(1.99)	UTILITIES
TOTAL VENDOR DIGGERS HOTLINE INC				575.11	
VENDOR NAME: EAGLE ENGRAVING					
2021-6666	ACCOUNTABILITY AND LOCKER TAGS	150-5222-531100	56.60	56.60	FIRE
TOTAL VENDOR EAGLE ENGRAVING				56.60	
VENDOR NAME: EBIX					
11437	EBIX INVOICE	150-5231-521900	7,980.51	7,980.51	FIRE
TOTAL VENDOR EBIX				7,980.51	
VENDOR NAME: EIASEW					
2022 MEMBERSHIP 1	CORRY	100-5241-532400	15.00	15.00	BUILDING
2022 MEMBERSHIP 2	TIM	100-5241-532400	15.00	15.00	BUILDING
TOTAL VENDOR EIASEW				30.00	
VENDOR NAME: EMERGENCY MEDICAL PRODUCTS					
2304442	EMS SUPPLIES	150-5231-531100	138.40	138.40	FIRE
2304401	EMS SUPPLIES	150-5231-531100	72.90	72.90	FIRE

INVOICE NUMBER	DESCRIPTION	DISTRIBUTIONS\AMOUNTS		AMOUNT	APPROVAL DEPARTMENT
VENDOR NAME: EMERGENCY MEDICAL PRODUCTS					
2301782	EMS SUPPLIES	150-5231-531100	190.85	190.85	FIRE
2304349	EMS SUPPLIES	150-5231-531100	240.44	240.44	FIRE
TOTAL VENDOR EMERGENCY MEDICAL PRODUCTS				642.59	
VENDOR NAME: EXCEL BUILDING SERVICES LLC					
3768	DECEMBER BUILDING CLEANING SERVICE	100-5211-539400	975.00	975.00	POLICE
TOTAL VENDOR EXCEL BUILDING SERVICES LLC				975.00	
VENDOR NAME: FASTENAL COMPANY					
WIMUK90632	WWTF CRANE TRUCK	620-8030-828000	3.99	3.99	UTILITIES
WIMUK90657	WWTF CRANE TRUCK	620-8030-828000	7.87	7.87	UTILITIES
WIMUK90516	WWTF MISC SHOP SUPPLIES	620-8010-827000	18.55	18.55	UTILITIES
WIMUK90567	WWTF BUILDING LOCK BATTERIES	620-8010-834000	22.17	22.17	UTILITIES
TOTAL VENDOR FASTENAL COMPANY				52.58	
VENDOR NAME: HASTINGS AIR-ENERGY CONTROL INC					
191786	PLYMOVENT PM AND SERVICE STATION 2	150-5222-539500	2,247.75	2,247.75	FIRE
TOTAL VENDOR HASTINGS AIR-ENERGY CONTROL INC				2,247.75	
VENDOR NAME: HAWKINS WATER TREATMENT					
6080059	WWTF CHEMICALS FOR SLUDGE THICKENING	620-8010-825000	1,058.40	1,058.40	UTILITIES
6080061	WATER CHEMICALS FOR TREATMENT	610-6300-663100	1,943.68	1,943.68	UTILITIES
TOTAL VENDOR HAWKINS WATER TREATMENT				3,002.08	
VENDOR NAME: HIPPENMEYER, REILLY, BLUM,					
52092	MISCELLANEOUS MATTERS	100-5130-521900	4,273.50	4,273.50	FINANCE
52093	UTILITIES	610-6920-692300	1,239.50	2,479.00	FINANCE
		620-8400-852000	1,239.50		
52087	LIBRARY	440-5511-521900	90.00	90.00	FINANCE
52095	TERONOMY/FAMILY VENTURES (DEBACK SITE)	200-5130-521900	148.00	148.00	FINANCE
52086	PROSECUTIONS	100-5130-521900	1,350.00	1,350.00	FINANCE
52096	BIELINSKI/CHAPMAN VILLAS	100-0000-211425	407.00	407.00	FINANCE
52097	BOX SELF STORAGE	100-0000-211425	159.50	159.50	FINANCE
52094	CHAPMAN POND	100-0000-211400	74.00	74.00	FINANCE
TOTAL VENDOR HIPPENMEYER, REILLY, BLUM,				8,981.00	
VENDOR NAME: HYDROCORP					
0064677-IN	WATER INDUSTRIAL CROSS CONNECTION INSPEC	610-6920-692300	1,665.00	1,665.00	UTILITIES
TOTAL VENDOR HYDROCORP				1,665.00	
VENDOR NAME: JOHN FELLOWS					
2021 MILEAGE	SITE VISITS	100-5632-533200	162.56	162.56	PLANNER
TOTAL VENDOR JOHN FELLOWS				162.56	
VENDOR NAME: KAESER COMPRESSORS					
914887839	WWTF BLOWER SEAL	620-8010-833000	84.03	84.03	UTILITIES
914911886	WWTF BLOWER MAINT.	620-8010-833000	422.73	422.73	UTILITIES
TOTAL VENDOR KAESER COMPRESSORS				506.76	

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VENDOR NAME: KERESTES-MARTIN ASSOCIATES, INC.					
2106.02-04	WAYFINDING AND COMMUNITY SIGNAGE DESIGN	480-5700-521500	4,500.00	4,500.00	PLANNER
TOTAL VENDOR KERESTES-MARTIN ASSOCIATES, INC.				4,500.00	
VENDOR NAME: LA FORCE INC					
1965633A	WWTF DOOR REPAIR PARTS	620-8010-834000	2,487.89	2,487.89	UTILITIES
1965629A	WATER DOOR REPAIR PARTS	610-6210-662500	2,379.81	2,379.81	UTILITIES
TOTAL VENDOR LA FORCE INC				4,867.70	
VENDOR NAME: LAKESIDE INTERNATIONAL					
1352066P	PATROL TRUCK BRAKE CHAMBERS	100-5324-539500	202.08	202.08	DPW
TOTAL VENDOR LAKESIDE INTERNATIONAL				202.08	
VENDOR NAME: LANGE ENTERPRISES INC					
78685	STREET SIGN IDENTIFICATION DECALS	100-5348-531100	399.44	399.44	DPW
TOTAL VENDOR LANGE ENTERPRISES INC				399.44	
VENDOR NAME: LEAGUE OF WI MUNICIPALITIES					
2022 MEMBERSHIP	2022 LEAGUE MEMBERSHIP	100-5111-532400	3,625.68	3,625.68	CLERK
TOTAL VENDOR LEAGUE OF WI MUNICIPALITIES				3,625.68	
VENDOR NAME: LYNCH CHEVROLET					
419132	THERMOSTAT REPAIR 3488	150-5231-539500	69.43	69.43	FIRE
TOTAL VENDOR LYNCH CHEVROLET				69.43	
VENDOR NAME: MESSAGEUS					
213340134	WWTF PHONE	620-8400-851000	14.77	14.77	UTILITIES
TOTAL VENDOR MESSAGEUS				14.77	
VENDOR NAME: MONTAGE ENTERPRISES, INC					
92335	SALTER MOTORS	100-5324-539500	884.75	884.75	DPW
TOTAL VENDOR MONTAGE ENTERPRISES, INC				884.75	
VENDOR NAME: MUKWONAGO AREA CHAMBER OF COMM					
120521	NRD/OCTOBER ROOM TAX	100-0000-244000	3,068.65	3,068.65	CLERK
TOTAL VENDOR MUKWONAGO AREA CHAMBER OF COMM				3,068.65	
VENDOR NAME: MULCAHY/SHAW WATER, INC.					
323814	WWT UV REPAIR PARTS	620-8010-833000	8,488.00	8,488.00	UTILITIES
323814 REV	WWT UV REPAIR PARTS	620-8010-833000	8,620.24	8,620.24	UTILITIES
TOTAL VENDOR MULCAHY/SHAW WATER, INC.				17,108.24	
VENDOR NAME: MUSSON BROTHERS					
12-10096.300 PMNT	DEBACK PROJECT PAYMENT #3	200-5700-576300	610,253.95	659,827.89	FINANCE
		500-5344-539500	49,573.94		
TOTAL VENDOR MUSSON BROTHERS				659,827.89	
VENDOR NAME: NAPA AUTO PARTS - SP018					
150944	WWTF VACTOR MAINT.	620-8030-831000	9.99	9.99	UTILITIES

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INVOICE NUMBER	DESCRIPTION	DISTRIBUTIONS\AMOUNTS		AMOUNT	APPROVAL DEPARTMENT
VENDOR NAME: NAPA AUTO PARTS - SP018					
151909	STATION #1 GENERATOR RADIATOR HOSE	100-5220-539400	15.18	15.18	DPW
151280	TORO 5910 HYD HOSE	100-5324-539500	120.21	120.21	DPW
151311	WWTF PARTS CLEANER	620-8010-827000	47.76	47.76	UTILITIES
150921	SHOP SUPPLIES	100-5323-531100	19.18	19.18	DPW
151635	WATER SCADA MOUNT ACCESSORIES	610-6200-662500	24.86	24.86	UTILITIES
TOTAL VENDOR NAPA AUTO PARTS - SP018				237.18	
VENDOR NAME: OFFICE PRO					
0444109-001-1	VH COPY PAPER	100-5142-531100	24.47	143.96	ALLOCATE
		150-5221-531100	20.15		
		410-5363-531100	2.88		
		440-5511-531100	7.20		
		500-5344-531100	2.88		
		610-6902-690300	43.19		
		620-8300-840000	43.19		
0444109-001-2	BINDER CLIPS	100-5141-531100	4.45	4.45	ALLOCATE
0444109-001-3	FILE FOLDERS	100-5142-531100	16.07	16.07	CLERK
TOTAL VENDOR OFFICE PRO				164.48	
VENDOR NAME: OLD SCHOOL CONTRACTING					
2021 DEC 12	WATER WELL 3 WINDOWS	610-6210-662500	1,650.00	1,650.00	UTILITIES
TOTAL VENDOR OLD SCHOOL CONTRACTING				1,650.00	
VENDOR NAME: OLSEN SAFETY EQUIPMENT					
0393409-IN	WWTF RUBBER DISPOSABLE GLOVES	620-8010-827000	171.45	171.45	UTILITIES
TOTAL VENDOR OLSEN SAFETY EQUIPMENT				171.45	
VENDOR NAME: PROHEALTH CARE LAB BILLING					
21529536	NOVEMBER BLOOD DRAWS	100-5212-521900	36.05	36.05	POLICE
TOTAL VENDOR PROHEALTH CARE LAB BILLING				36.05	
VENDOR NAME: PROHEALTH MEDICAL GROUP					
311232	NEW RESERVE OFFICER DRUG AND MEDICAL	100-5212-521900	95.00	95.00	POLICE
TOTAL VENDOR PROHEALTH MEDICAL GROUP				95.00	
VENDOR NAME: PROPHOENIX CORPORATION					
2022031	2022 PROPHOENIX SUPPORT AND MAINTENANCE	100-5211-521900	14,636.57	14,636.57	POLICE
TOTAL VENDOR PROPHOENIX CORPORATION				14,636.57	
VENDOR NAME: PUBLIC SERVICE COMMISSION OF WI					
2111-I-03980	WATER CSC EXPENSE	610-6920-692800	102.17	102.17	UTILITIES
TOTAL VENDOR PUBLIC SERVICE COMMISSION OF WI				102.17	
VENDOR NAME: QUILL LLC					
21425819	FOLDERS	100-5241-531100	43.80	43.80	BUILDING
21433856	RUBBER BANDS	100-5241-531100	10.17	10.17	BUILDING
TOTAL VENDOR QUILL LLC				53.97	
VENDOR NAME: R.N.O.W., INC					

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VENDOR NAME: R.N.O.W., INC						
2021-61509	WWTF REPAIR PARTS	620-8030-831000	521.35	521.35	UTILITIES	
TOTAL VENDOR R.N.O.W., INC				521.35		
VENDOR NAME: REINDERS, INC.						
6003274-00	TORO 5910 REPAIRS	100-5324-539500	2,037.79	2,037.79	DPW	
TOTAL VENDOR REINDERS, INC.				2,037.79		
VENDOR NAME: RIVER CREST TIRE & AUTO						
292163	WATER TIRES FOR 07 P/U	610-6920-693300	859.66	859.66	UTILITIES	
292406	WATER TRUCK REPAIR	610-6920-693300	498.95	498.95	UTILITIES	
TOTAL VENDOR RIVER CREST TIRE & AUTO				1,358.61		
VENDOR NAME: RM PRODUCTS LTD						
8232	WWTF HAULERS SAMPLE AND REPORT CABINET	620-8010-834000	4,500.00	4,500.00	UTILITIES	
TOTAL VENDOR RM PRODUCTS LTD				4,500.00		
VENDOR NAME: RUEKERT & MIELKE, INC.						
139430	12-10063/2022 MUKWONAGOV - 2022 GIS ANNU	100-5241-521900	4,000.00	4,000.00	FINANCE	
TOTAL VENDOR RUEKERT & MIELKE, INC.				4,000.00		
VENDOR NAME: SHI INTERNATIONAL CORP						
B14445032	WATER IT/SCADA PROJECT	610-6210-662300	364.00	364.00	UTILITIES	
B14451182	VILLAGE CIP SERVER PROJECT	430-5700-571800	12,591.00	12,591.00	CLERK	
B14403770	MALEWARE COMPUTER LICENSES	100-5211-521900	78.00	78.00	POLICE	
TOTAL VENDOR SHI INTERNATIONAL CORP				13,033.00		
VENDOR NAME: SOMAR ENTERPRISES						
102495	FLASHLIGHTS FOR SQUADS	100-5212-531100	479.97	479.97	POLICE	
TOTAL VENDOR SOMAR ENTERPRISES				479.97		
VENDOR NAME: SOMMERS PAINTING & WALLPAPERING LLC						
843	CHIEF AND AC OFFICE PAINTING	100-5211-539400	1,250.00	1,250.00	POLICE	
TOTAL VENDOR SOMMERS PAINTING & WALLPAPERING LLC				1,250.00		
VENDOR NAME: TARGETSOLUTIONS LEARNING LLC						
38571	TARGET SOLUTIONS	150-5221-521900	4,281.13	10,562.26	FIRE	
		150-5231-521900	4,281.13			
		150-5223-533500	1,000.00			
		150-5232-533500	1,000.00			
TOTAL VENDOR TARGETSOLUTIONS LEARNING LLC				10,562.26		
VENDOR NAME: TEAMVIEWER						
R01080553	WWTF DATA CONTROL SERVICE	620-8400-852000	798.00	798.00	UTILITIES	
TOTAL VENDOR TEAMVIEWER				798.00		
VENDOR NAME: TITAN PUBLIC SAFETY SOLUTIONS						
5343	TIPSS ANNUAL SUPPORT	100-5120-522900	6,183.00	6,183.00	FINANCE	

INVOICE NUMBER	DESCRIPTION	DISTRIBUTIONS\AMOUNTS	APPROVAL AMOUNT DEPARTMENT
VENDOR NAME: TITAN PUBLIC SAFETY SOLUTIONS			
TOTAL VENDOR TITAN PUBLIC SAFETY SOLUTIONS			6,183.00
VENDOR NAME: TRANSCENDENT TECHNOLOGIES			
M5406	WALWORTH TAX SOFTWARE MAINT	100-5142-521900 369.00	369.00 CLERK
TOTAL VENDOR TRANSCENDENT TECHNOLOGIES			369.00
VENDOR NAME: UNITED STATES ALLIANCE FIRE PROTECT			
1046-F068844	ANNUAL FIRE SUPPRESSION INSPECTION	100-5211-521900 330.00	330.00 POLICE
1046-F068538	DPW FIRE PROTECTION INSPECTION	100-5323-521900 330.00	330.00 DPW
1046-F068632	STATION 1 FIRE PROTECTION INSPECTION	100-5220-539400 330.00	330.00 DPW
1046-F068699	VH FIRE PROTECTION INSPECTION	100-5160-521900 430.00	430.00 DPW
TOTAL VENDOR UNITED STATES ALLIANCE FIRE PROTECT			1,420.00
VENDOR NAME: USA BLUEBOOK			
809512	WWTF LAB SUPPLIES	620-8010-826000 123.18	123.18 UTILITIES
809515	WWTF CHEMICAL TANK PIPE REPAIR	620-8010-833000 47.54	47.54 UTILITIES
809572	WWTF CHEMICAL TANK SS FLEXIBLE CONNECTOR	620-8010-833000 172.71	172.71 UTILITIES
812334	WWTF LAB SUPPLIES	620-8010-826000 44.11	44.11 UTILITIES
819354	WWTF PHOSPHORUS CHEMICAL TANK PIPE REPAIR	620-8010-833000 34.99	34.99 UTILITIES
819460	WELL 7 NEW CL2 SCALE	610-6300-663200 1,248.66	1,248.66 UTILITIES
816859	WWTF LAB SUPPLIES	620-8010-826000 64.67	64.67 UTILITIES
814012	WWTF PHOS. CHEMICAL TANK FLEX COUPLING	620-8010-833000 29.04	29.04 UTILITIES
814013	WWTF CHEMICAL TANK PIPE REPAIR	620-8010-833000 22.59	22.59 UTILITIES
TOTAL VENDOR USA BLUEBOOK			1,787.49
VENDOR NAME: VERIZON WIRELESS			
9894257405	VERIZON INVOICE	150-5221-522500 50.10	50.10 FIRE
9894986355	VERIZON INVOICE	150-5221-522500 341.08	341.08 FIRE
9894986354	2021 DECEMBER CELL BILL ACCT# 885503900-	150-5221-522500 20.80	276.00 MULTIPLE
		100-5323-522500 20.80	
		610-6920-692100 117.20	
		620-8400-851000 117.20	
9894986353	MONTHLY BILL	100-5141-522500 42.97	945.70 MULTIPLE
		100-5241-522500 101.18	
		150-5221-522500 61.82	
		100-5211-522500 12.49	
		100-5323-522500 334.24	
		610-6920-692100 173.37	
		620-8400-851000 173.37	
		100-5632-522500 46.26	
TOTAL VENDOR VERIZON WIRELESS			1,612.88
VENDOR NAME: WAUKESHA COUNTY POLICE CHIEFS			
2022 MEMBERSHIP	2022 WCPA MEMBERSHIP DEMOTTO	100-5211-532400 60.00	60.00 POLICE
2022 MEMBERSHIP -	2022 WCPA MEMBERSHIP STREIT	100-5211-532400 100.00	100.00 POLICE
TOTAL VENDOR WAUKESHA COUNTY POLICE CHIEFS			160.00
VENDOR NAME: WE ENERGIES MLWAUKEE			
1000080992	PERFORMANCE STAGE ELECTRIC SERVICE	480-5700-584900 1,002.00	1,002.00 DPW

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PENDING VILLAGE BOARD REVIEW FOR MUKWONAGO
EXP CHECK RUN DATES 01/06/2022 - 01/06/2022
BOTH JOURNALIZED AND UNJOURNALIZED OPEN AND PAID
BANK CODE: GEN - CHECK TYPE: PAPER CHECK

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INVOICE NUMBER	DESCRIPTION	DISTRIBUTIONS\AMOUNTS	APPROVAL AMOUNT DEPARTMENT
VENDOR NAME: WE ENERGIES MLWAUKEE			
TOTAL VENDOR WE ENERGIES MLWAUKEE			1,002.00
VENDOR NAME: WELDERS SUPPLY CO.			
L6812T 202111 - 1	WWTF TORCH TANK LEASE	620-8010-827000 7.90	7.90 UTILITIES
TOTAL VENDOR WELDERS SUPPLY CO.			7.90
VENDOR NAME: WI DEPT OF JUSTICE CIB			
L6812T 202111 - 1	WDOJ BACKGROUND CHECKS	100-0000-242205 21.00	21.00 CLERK
L6812T 202111 - 2	BACKGROUND CHECKS	100-5212-521900 42.00	42.00 POLICE
TOTAL VENDOR WI DEPT OF JUSTICE CIB			63.00
VENDOR NAME: WILLIAM SUMIEC			
L2172021	TITLE TRANSFER FEES	100-5323-531100 125.00	125.00 DPW
TOTAL VENDOR WILLIAM SUMIEC			125.00
GRAND TOTAL:			914,282.30

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CHECK DISBURSEMENT REPORT FOR MUKWONAGO
CHECK DATE FROM 12/14/2021 - 12/14/2021

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Check Date	Bank	Check #	Invoice	Payee	Description	Account	Dept	Amount
Fund: 440 LIBRARY FUND								
12/14/2021	GEN	33088	IMIL1751075	ALSCO	SUPPLIES	531100	5511	66.16
12/14/2021	GEN	33089#	1THN-P1RH-1QMK	AMAZON CAPITOL SERVICES	SUPPLIES	531100	5511	312.01
			1CD6-PCPF-TT46		THINGERY PURCHASES	533000	5511	943.26
			14X3-VXC6-RLMJ		PROGRAMMING	533100	5511	86.82
			17CD-K1FT-YCGM		PROGRAMMING	533100	5511	(63.71)
			1CF7-JG3R-WCF4		BOOKS	532800	5700	328.07
			14X3-VXC6-XGKJ		AV MATERIAL	532900	5700	1,263.87
			CHECK GEN 33089 TOTAL FOR FUN					2,870.32
12/14/2021	GEN	33090	38137	AMERICA AQUARIA	OUTSIDE SERVICES	531000	5511	85.00
12/14/2021	GEN	33091	2036326725	BAKER & TAYLOR INC.	BOOKS	532800	5700	17.63
			2036326726		BOOKS	532800	5700	36.37
			2036326727		BOOKS	532800	5700	76.38
			2036326728		BOOKS	532800	5700	18.46
			2036326729		BOOKS	532800	5700	138.05
			2036326730		BOOKS	532800	5700	25.18
			2036326731		BOOKS	532800	5700	98.22
			2036344120		BOOKS	532800	5700	3.77
			2036344121		BOOKS	532800	5700	15.11
			2036344122		BOOKS	532800	5700	41.69
			2036344123		BOOKS	532800	5700	1,538.02
			2036344124		BOOKS	532800	5700	73.29
			2036344125		BOOKS	532800	5700	92.61
			2036371087		BOOKS	532800	5700	11.19
			2036371088		BOOKS	532800	5700	10.63
			2036371089		BOOKS	532800	5700	22.38
			2036371090		BOOKS	532800	5700	116.99
			2036371091		BOOKS	532800	5700	91.64
			2036371092		BOOKS	532800	5700	64.57
			2036371093		BOOKS	532800	5700	251.01
			2036371094		BOOKS	532800	5700	31.91
			2036376611		BOOKS	532800	5700	9.51
			2036376612		BOOKS	532800	5700	15.95
			2036376613		BOOKS	532800	5700	8.18
			2036376614		BOOKS	532800	5700	1,409.91
			CHECK GEN 33091 TOTAL FOR FUN					4,218.65
12/14/2021	GEN	33092	2021-13010285	BRIDGES LIBRARY SYSTEM	DIGITAL MATERIALS	534000	5511	81.90

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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								
12/14/2021	GEN	33093	B6322009	BRODART	BOOKS	532800	5700	1,025.95
			B6314295		BOOKS	532800	5700	377.65
			B6321552		BOOKS	532800	5700	347.18
			B6326207		BOOKS	532800	5700	338.91
			B6327318		BOOKS	532800	5700	974.36
			CHECK GEN 33093 TOTAL FOR FUN					3,064.05
12/14/2021	GEN	33094	76143508	CENGAGE LEARNING	BOOKS	532800	5700	30.39
			76148792		BOOKS	532800	5700	28.79
			76162175		BOOKS	532800	5700	61.58
			76194019		BOOKS	532800	5700	30.39
			76204166		BOOKS	532800	5700	30.39
			CHECK GEN 33094 TOTAL FOR FUN					181.54
12/14/2021	GEN	33095	7042437	DEMCO	SUPPLIES	531100	5511	137.22
12/14/2021	GEN	33096	369616	FINDAWAY WORLD	AV MATERIAL	532900	5700	289.98
			368894		AV MATERIAL	532900	5700	53.97
			369613		AV MATERIAL	532900	5700	1,878.90
			370262		AV MATERIAL	532900	5700	2,306.54
			CHECK GEN 33096 TOTAL FOR FUN					4,529.39
12/14/2021	GEN	33097	2022	FREEMAN NEWSPAPER	NEWSPAPERS	532700	5511	252.00
12/14/2021	GEN	33098	20122	HENNES SERVICES INC	CONTRACTUAL SERVICES	522000	5511	1,950.00
12/14/2021	GEN	33099	2	HINZ TANYA	PROGRAMMING	533100	5511	60.00
12/14/2021	GEN	33100	434	KLASSY KLEANERS	OUTSIDE SERVICES	531000	5511	960.00
12/14/2021	GEN	33101#	501354148	MIDWEST TAPE	DIGITAL MATERIALS	534000	5511	288.18
			501309341		AV MATERIAL	532900	5700	374.91
			501346153		AV MATERIAL	532900	5700	149.97
			501362022		AV MATERIAL	532900	5700	647.62
			CHECK GEN 33101 TOTAL FOR FUN					1,460.68
12/14/2021	GEN	33102	112021	MUELLER AMY	PROGRAMMING	533100	5511	140.00
12/14/2021	GEN	33103	121821	MUREN SHAWNA	PROGRAMMING	533100	5511	600.00
12/14/2021	GEN	33104	20897904	QUILL LLC	SUPPLIES	531100	5511	104.4

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Check Date	Bank	Check #	Invoice	Payee	Description	Account	Dept	Amount
Fund: 440 LIBRARY FUND								
			21112255		SUPPLIES	531100	5511	115.94
			21128431		SUPPLIES	531100	5511	339.50
			21125970		SUPPLIES	531100	5511	64.79
				CHECK GEN 33104 TOTAL FOR FUN				
								624.64
12/14/2021	GEN	33105	12251	RELIANCE BARCODE SOLUTIONS	SUPPLIES	531100	5511	409.73
12/14/2021	GEN	33106	21957	TAYLOR COMPUTER SERVICES, INC	CONTRACTUAL SERVICES	522000	5511	187.50
			22397		CONTRACTUAL SERVICES	522000	5511	343.75
			22322		CONTRACTUAL SERVICES	522000	5511	1,656.25
				CHECK GEN 33106 TOTAL FOR FUN				
								2,187.50
12/14/2021	GEN	33107	OCTOBER	TERRY BUCHMANN	PROGRAMMING	533100	5511	246.44
12/14/2021	GEN	33108	607515	UNIQUE MANAGEMENT	OUTSIDE SERVICES	531000	5511	8.95
			608561		OUTSIDE SERVICES	531000	5511	62.65
				CHECK GEN 33108 TOTAL FOR FUN				
								71.60
				Total for fund 440 LIBRARY FUND				
								24,196.82
				TOTAL - ALL FUNDS				
								24,196.82

'#'-INDICATES CHECK DISTRIBUTED TO MORE THAN ONE DEPARTMENT

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CHECK DISBURSEMENT REPORT FOR MUKWONAGO
CHECK NUMBER 416
Banks: GEN

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Check Date	Bank	Check #	Payee	Description	GL #	Amount
12/15/2021	GEN	416 (E)	CHARTER COMMUNICATIONS	MONTHLY BILL	100-5120-522500	77.16
		416 (E)		MONTHLY BILL	100-5141-522500	82.77
		416 (E)		MONTHLY BILL	100-5142-522500	151.81
		416 (E)		MONTHLY BILL	100-5160-522500	26.40
		416 (E)		MONTHLY BILL	100-5211-522500	825.97
		416 (E)		MONTHLY BILL	100-5241-522500	42.12
		416 (E)		MONTHLY BILL	100-5323-522500	75.10
		416 (E)		MONTHLY BILL	100-5512-522500	177.96
		416 (E)		MONTHLY BILL	150-5221-522500	774.01
		416 (E)		MONTHLY BILL	410-5363-522500	4.82
		416 (E)		MONTHLY BILL	440-5511-522500	567.91
		416 (E)		MONTHLY BILL	500-5344-522500	2.41
		416 (E)		MONTHLY BILL	610-6920-692100	40.96
		416 (E)		MONTHLY BILL	620-8400-851000	40.96
						2,890.36
TOTAL - ALL FUNDS				TOTAL OF 1 CHECKS		2,890.36

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INVOICE REGISTER REPORT FOR MUKWONAGO
 INVOICE ENTRY DATES 12/17/2021 - 12/17/2021
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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							
ARMOUR ABBY 50814	SQ *PHO COMA CONVENTION LUNCH 440-5511-533500	11/17/2021 MROCKLEY	12/22/2021	10.02	0.00	Paid	Y 12/31/2021
	TRAINING & TRAVEL			10.02			
ARMOUR ABBY 50815	HYATT REGENCY GREEN F&B CONVENTION MEAL 440-5511-533500	11/17/2021 MROCKLEY	12/22/2021	6.84	0.00	Paid	Y 12/31/2021
	TRAINING & TRAVEL			6.84			
ARMOUR ABBY 50816	HYATT REGENCY GREEN BAY CONVENTION HOTEL 440-5511-533500	11/19/2021 MROCKLEY	12/22/2021	523.19	0.00	Paid	Y 12/31/2021
	TRAINING & TRAVEL			523.19			
ARMOUR ABBY 50817	HYATT REGENCY GREEN BAY HOTEL DUPLICATE BILL IN DISPUTE 440-5511-533500	11/19/2021 MROCKLEY	12/22/2021	523.19	0.00	Paid	Y 12/31/2021
	TRAINING & TRAVEL			523.19			
ARMOUR ABBY 50818	US BANK REFUND ON PRINTING ERROR 440-5511-533300	11/24/2021 MROCKLEY	12/22/2021	(89.24)	0.00	Paid	Y 12/31/2021
	OUTREACH			(89.24)			
ARMOUR ABBY 50819	SP * BROWN DOG GADGETS METASPACE SUPPLIES 440-5511-531400	11/29/2021 MROCKLEY	12/22/2021	59.20	0.00	Paid	Y 12/31/2021
	META SPACE EQUIPMENT & SUPPLIE			59.20			
ARMOUR ABBY 50820	US BANK GROUP RATE CREDIT 440-5511-533500	12/07/2021 MROCKLEY	12/22/2021	(30.00)	0.00	Paid	Y 12/31/2021
	TRAINING & TRAVEL			(30.00)			
BITTNER RONALD 50821	AMZN MKTP US*0Q2P199Y3 ELECTRICAL CONNECTOR 100-5324-539500	11/19/2021 MROCKLEY	12/22/2021	13.13	0.00	Paid	Y 12/31/2021
	REPAIRS & MAINTENANCE			13.13			
BITTNER RONALD 50822	ISA MCCUEN ISA MEMBERSHIP 100-5300-532400	11/23/2021 MROCKLEY	12/22/2021	45.00	0.00	Paid	Y 12/31/2021
	MEMBERSHIP DUES			45.00			

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INVOICE REGISTER REPORT FOR MUKWONAGO
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Purchase Card Vendor: 0002 US BANK							
BITTNER RONALD 50823	AMZN MKTP US*RG6QU38I3 QUIK HOSE COUPLER 100-5324-539500	11/30/2021 MROCKLEY	12/22/2021	23.22	0.00	Paid	Y 12/31/2021
	REPAIRS & MAINTENANCE			23.22			
BROWN DAVID 50824	PICK N SAVE #384 WWTF SPONSORED SAFETY TRAINING 620-8400-854100	11/18/2021 MROCKLEY	12/22/2021	31.96	0.00	Paid	Y 12/31/2021
	EDUCATIONAL/TRAINING EXPENSES			31.96			
BROWN DAVID 50825	AMOCO#1971514MUKWONAGO A WWTF SAFETY TRAINING 620-8400-854100	12/14/2021 MROCKLEY	12/22/2021	23.49	0.00	Paid	Y 12/31/2021
	EDUCATIONAL/TRAINING EXPENSES			23.49			
CASTLE WAYNE A 50826	SP * UBIQUITI INC. WWTF SCADA/INTERNET UPGRADES 620-8010-834000	11/16/2021 MROCKLEY	12/22/2021	476.00	0.00	Paid	Y 12/31/2021
	MAINT-GENERAL PLANT/STRUCTURES			476.00			
DEMOTTO CHRIS 50827	AMZN MKTP US*NM2IX4NF3 TRACS PRINTER PAPER 100-5212-531100	11/16/2021 MROCKLEY	12/22/2021	390.00	0.00	Paid	Y 12/31/2021
	SUPPLIES			390.00			
DEMOTTO CHRIS 50828	WCTC REGISTRATION NORTHWESTERN STAFF AND COMMAND 100-5211-533500	11/30/2021 MROCKLEY	12/22/2021	2,000.00	0.00	Paid	Y 12/31/2021
	TRAINING & TRAVEL			2,000.00			
DEMOTTO CHRIS 50829	AMZN MKTP US*C135S8R83 AM PICTURE FRAMES 100-5211-531100	12/01/2021 MROCKLEY	12/22/2021	25.49	0.00	Paid	Y 12/31/2021
	SUPPLIES			25.49			
DEMOTTO CHRIS 50830	AMZN MKTP US*UH89A5W83 HARD DRIVE REPAIR 100-5211-539500	12/09/2021 MROCKLEY	12/22/2021	294.00	0.00	Paid	Y 12/31/2021
	REPAIRS & MAINTENANCE			294.00			
DEMOTTO CHRIS 50831	AMZN MKTP US*RK86D4AH3 AIRPHONE REPAIR 100-5211-539500	12/10/2021 MROCKLEY	12/22/2021	247.85	0.00	Paid	Y 12/31/2021
	REPAIRS & MAINTENANCE			247.85			

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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							
DYKSTRA DIANA 50832	TLF*WAUKESHA FLORAL AND G FLOWERS FOR FUNERAL GOURDOUX 100-5142-539900	12/02/2021 MROCKLEY	12/22/2021	88.18 88.18	0.00	Paid	Y 12/31/2021
GOURDOUX LINDA 50833	AMZN MKTP US*QD9KU7IP3 OFFICE SUPPLIES ALL 100-5142-531100	11/16/2021 MROCKLEY	12/22/2021	36.96 36.96	0.00	Paid	Y 12/31/2021
GOURDOUX LINDA 50834	AMZN MKTP US*O37VK4Z53 OFFICE SUPPLIES 100-5144-531100 100-5142-531100 100-5111-531100 100-5141-531100	11/17/2021 MROCKLEY DYMO LABELS CALENDAR FILLER PAGE QUILT CLAMP FOR BOARD ROOM FOLDERS AND POST IT NOTES	12/22/2021	170.61 53.98 6.67 66.99 42.97	0.00	Paid	Y 12/31/2021
ISELY MARY JO 50835	AMZN DIGITAL*8D07I31N3 KINDLE BOOK 440-5700-532900	11/16/2021 MROCKLEY	12/22/2021	14.99 14.99	0.00	Paid	Y 12/31/2021
ISELY MARY JO 50836	ROKU PRODUCT PURCHASE WIRELESS RECEIVER 440-5511-533000	11/24/2021 MROCKLEY	12/22/2021	20.99 20.99	0.00	Paid	Y 12/31/2021
ISELY MARY JO 50837	AMZN DIGITAL*703GB74F3 88 KINDLE BOOK 440-5700-532900	11/30/2021 MROCKLEY	12/22/2021	14.99 14.99	0.00	Paid	Y 12/31/2021
ISELY MARY JO 50838	NETFLIX.COM 12/1/21-12/31/21 440-5511-534000	12/01/2021 MROCKLEY	12/22/2021	17.99 17.99	0.00	Paid	Y 12/31/2021
ISELY MARY JO 50839	AMZN MKTP US*IH7MO3633 DVD 440-5700-532900	12/02/2021 MROCKLEY	12/22/2021	13.99 13.99	0.00	Paid	Y 12/31/2021
ISELY MARY JO 50840	WALMART.COM AA DVD	12/04/2021 MROCKLEY	12/22/2021	112.26	0.00	Paid	Y 12/31/2021

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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						
	440-5700-532900	AV MATERIAL		112.26			
ISELY MARY JO 50841	WALMART.COM AA XBOX GAME 440-5700-532900	12/04/2021 MROCKLEY	12/22/2021	59.99	0.00	Paid	Y 12/31/2021
	440-5700-532900	AV MATERIAL		59.99			
ISELY MARY JO 50842	WALMART.COM AA DVD 440-5700-532900	12/06/2021 MROCKLEY	12/22/2021	35.92	0.00	Paid	Y 12/31/2021
	440-5700-532900	AV MATERIAL		35.92			
ISELY MARY JO 50843	ACORN TV MONTHLY MONTHLY FEE 440-5511-534000	12/09/2021 MROCKLEY	12/22/2021	6.29	0.00	Paid	Y 12/31/2021
	440-5511-534000	DIGITAL MATERIALS		6.29			
ISELY MARY JO 50844	AMZN DIGITAL*ID49G9OR3 SWITCH GAME 440-5700-532900	12/10/2021 MROCKLEY	12/22/2021	59.99	0.00	Paid	Y 12/31/2021
	440-5700-532900	AV MATERIAL		59.99			
ISELY MARY JO 50845	AMZN DIGITAL*3C4VN9FG3 SWITCH GAME 440-5700-532900	12/10/2021 MROCKLEY	12/22/2021	29.99	0.00	Paid	Y 12/31/2021
	440-5700-532900	AV MATERIAL		29.99			
ISELY MARY JO 50846	AMZN DIGITAL*L145E6OL3 SWITCH GAME 440-5700-532900	12/10/2021 MROCKLEY	12/22/2021	39.99	0.00	Paid	Y 12/31/2021
	440-5700-532900	AV MATERIAL		39.99			
ISELY MARY JO 50847	NINTENDO *AMERICAUS SWITCH GAME 440-5700-532900	12/10/2021 MROCKLEY	12/22/2021	26.24	0.00	Paid	Y 12/31/2021
	440-5700-532900	AV MATERIAL		26.24			
ISELY MARY JO 50848	NINTENDO *AMERICAUS SWITCH GAME 440-5700-532900	12/10/2021 MROCKLEY	12/22/2021	26.24	0.00	Paid	Y 12/31/2021
	440-5700-532900	AV MATERIAL		26.24			
ISELY MARY JO 50849	NINTENDO *AMERICAUS SWITCH GAME 440-5700-532900	12/10/2021 MROCKLEY	12/22/2021	41.99	0.00	Paid	Y 12/31/2021
	440-5700-532900	AV MATERIAL		41.99			

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Purchase Card Vendor: 0002 US BANK							
ISELY MARY JO 50850	NINTENDO *AMERICAUS SWITCH GAME 440-5700-532900	12/10/2021 MROCKLEY	12/22/2021	26.24	0.00	Paid	Y 12/31/2021
	AV MATERIAL			26.24			
ISELY MARY JO 50851	AMZN DIGITAL*056OD0XP3 SWITCH GAME 440-5700-532900	12/10/2021 MROCKLEY	12/22/2021	59.99	0.00	Paid	Y 12/31/2021
	AV MATERIAL			59.99			
ISELY MARY JO 50852	AMZN DIGITAL*BI8F50UF3 SWITCH GAME 440-5700-532900	12/10/2021 MROCKLEY	12/22/2021	59.99	0.00	Paid	Y 12/31/2021
	AV MATERIAL			59.99			
ISELY MARY JO 50853	WALMART.COM AA THINGERY ITEM 440-5511-533000	12/10/2021 MROCKLEY	12/22/2021	35.90	0.00	Paid	Y 12/31/2021
	THINGERY PURCHASES			35.90			
ISELY MARY JO 50854	AMZN DIGITAL*5Y8DY60L3 SWITCH GAME 440-5700-532900	12/10/2021 MROCKLEY	12/22/2021	59.99	0.00	Paid	Y 12/31/2021
	AV MATERIAL			59.99			
KIM CATHRYN 50855	USPS PO 5657100149 POSTAGE 440-5511-531500	11/19/2021 MROCKLEY	12/22/2021	58.90	0.00	Paid	Y 12/31/2021
	POSTAGE			58.90			
KIM CATHRYN 50856	WAL-MART #1571 CLEANING SUPPLIES 440-5511-531100	11/19/2021 MROCKLEY	12/22/2021	32.92	0.00	Paid	Y 12/31/2021
	SUPPLIES			32.92			
KIM CATHRYN 50857	APPLE.COM/BILL COLORING APP 440-5511-531400	11/19/2021 MROCKLEY	12/22/2021	2.61	0.00	Paid	Y 12/31/2021
	META SPACE EQUIPMENT & SUPPLIE			2.61			
KIM CATHRYN 50858	US BANK REFUND ON PRINTING 440-5511-533300	11/24/2021 MROCKLEY	12/22/2021	(75.55)	0.00	Paid	Y 12/31/2021
	OUTREACH			(75.55)			

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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							
KIM CATHRYN 50859	FACEBK *2ZRLQ9P6M2 WRONG CARD USED WILL BE REIMBURSED 440-5890-580600	11/24/2021 MROCKLEY	12/22/2021	14.00	0.00	Paid	Y 12/31/2021
	DONATED FUND EXPENDITURES			14.00			
KIM CATHRYN 50860	FACEBK *N6NUBAT7M2 USED WRONG CARD WILL BE REIMBURSED 440-5890-580600	11/24/2021 MROCKLEY	12/22/2021	1.04	0.00	Paid	Y 12/31/2021
	DONATED FUND EXPENDITURES			1.04			
KIM CATHRYN 50861	TIDIO COMMUNICATOR CHAT COMMUNICATOR 440-5511-534000	11/25/2021 MROCKLEY	12/22/2021	69.30	0.00	Paid	Y 12/31/2021
	DIGITAL MATERIALS			69.30			
KIM CATHRYN 50862	THE GARDEN MART PLANTER BOX DECOR 440-5511-531100	11/26/2021 MROCKLEY	12/22/2021	121.06	0.00	Paid	Y 12/31/2021
	SUPPLIES			121.06			
KIM CATHRYN 50863	THE GARDEN MART PLANTER BOX DECOR 440-5511-531100	11/26/2021 MROCKLEY	12/22/2021	34.14	0.00	Paid	Y 12/31/2021
	SUPPLIES			34.14			
KIM CATHRYN 50864	SP * IMAGE SUPPLY TAPE 440-5511-531100	11/26/2021 MROCKLEY	12/22/2021	51.65	0.00	Paid	Y 12/31/2021
	SUPPLIES			51.65			
KIM CATHRYN 50865	CRICUT ANNUAL FEE 440-5511-531400	12/04/2021 MROCKLEY	12/22/2021	100.67	0.00	Paid	Y 12/31/2021
	META SPACE EQUIPMENT & SUPPLIE			100.67			
KIM CATHRYN 50866	WALGREENS #7039 STAFF CARDS 440-5890-580600	12/07/2021 MROCKLEY	12/22/2021	18.98	0.00	Paid	Y 12/31/2021
	DONATED FUND EXPENDITURES			18.98			
KIM CATHRYN 50867	MAILCHIMP *MISC NEWSLETTER MONTHLY FEE 440-5511-534000	12/08/2021 MROCKLEY	12/22/2021	62.99	0.00	Paid	Y 12/31/2021
	DIGITAL MATERIALS			62.99			

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Purchase Card Vendor: 0002 US BANK							
KIM CATHRYN 50868	ADOBE CREATIVE CLOUD CREATIVE CLOUD 440-5511-534000	12/11/2021 MROCKLEY	12/22/2021	83.99	0.00	Paid	Y 12/31/2021
	DIGITAL MATERIALS			83.99			
KIM CATHRYN 50869	WM SUPERCENTER #1571 PROGRAMMING SUPPLIES 440-5511-533100	12/13/2021 MROCKLEY	12/22/2021	45.80	0.00	Paid	Y 12/31/2021
	PROGRAMMING			45.80			
KIM CATHRYN 50870	DAVID ALAN ALAN S SMOKEHO GIFT CARD PRIZE 440-5511-533100	12/13/2021 MROCKLEY	12/22/2021	50.00	0.00	Paid	Y 12/31/2021
	PROGRAMMING			50.00			
KIM CATHRYN 50871	PICK N SAVE #384 STAFF GIFTS 440-5890-580600	12/14/2021 MROCKLEY	12/22/2021	650.00	0.00	Paid	Y 12/31/2021
	DONATED FUND EXPENDITURES			650.00			
KIM CATHRYN 50872	WM SUPERCENTER #1571 STAFF GIFTS 440-5890-580600	12/14/2021 MROCKLEY	12/22/2021	40.80	0.00	Paid	Y 12/31/2021
	DONATED FUND EXPENDITURES			40.80			
KINDER MATTHEW 50873	THE HOME DEPOT #4921 WWTF WATER DISPENSER 620-8010-827000	11/22/2021 MROCKLEY	12/22/2021	156.45	0.00	Paid	Y 12/31/2021
	OPERATION SUPPLY/EXPENSE			156.45			
KINDER MATTHEW 50874	USPS PO 5657100149 WATER POSTAGE FOR WATER SAMPLES 610-6300-663200	12/06/2021 MROCKLEY	12/22/2021	4.30	0.00	Paid	Y 12/31/2021
	OPERATION SUPPLY/EXP-TREATMENT			4.30			
KINDER MATTHEW 50875	THE HOME DEPOT #4921 WWTF TOOLS AND EQUIPMENT FOR CRANE 620-8030-828000	12/07/2021 MROCKLEY	12/22/2021	116.36	0.00	Paid	Y 12/31/2021
	TRANSPORTATION EXPENSE			116.36			
MILLER KENNETH 50876	WAL-MART #1571 WATER OFFICE SUPPLIES 610-6920-692100	11/15/2021 MROCKLEY	12/22/2021	63.90	0.00	Paid	Y 12/31/2021
	OFFICE SUPPLIES & EXPENSES			63.90			

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Purchase Card Vendor: 0002 US BANK							
MILLER KENNETH 50877	WM SUPERCENTER #1571 WATER IPHONE LENS PROTECTOR 610-6920-692100	11/16/2021 MROCKLEY	12/22/2021	20.87	0.00	Paid	Y 12/31/2021
	OFFICE SUPPLIES & EXPENSES			20.87			
MILLER KENNETH 50878	US BANK WATER IPHONE LENS PROTECTOR RETURN 610-6920-692100	11/16/2021 MROCKLEY	12/22/2021	(20.87)	0.00	Paid	Y 12/31/2021
	OFFICE SUPPLIES & EXPENSES			(20.87)			
MILLER KENNETH 50879	THE HOME DEPOT 4921 WWTF NEW GRILL 620-8010-827000	11/29/2021 MROCKLEY	12/22/2021	349.00	0.00	Paid	Y 12/31/2021
	OPERATION SUPPLY/EXPENSE			349.00			
MILLER KENNETH 50880	THE HOME DEPOT #4921 WWTF SEPTAGE HAULER CABINET PAD 620-8010-827000	12/01/2021 MROCKLEY	12/22/2021	18.13	0.00	Paid	Y 12/31/2021
	OPERATION SUPPLY/EXPENSE			18.13			
MILLER KENNETH 50881	THE HOME DEPOT #4921 WATER SCADA ANTANNAES 610-6210-662300	12/13/2021 MROCKLEY	12/22/2021	51.32	0.00	Paid	Y 12/31/2021
	OPERATION SUPPLY/EXP-PUMPING			51.32			
PETERSON RANDY 50882	TOOLDISCOUNTER.COM SHOP PRESS 100-5323-531100	11/15/2021 MROCKLEY	12/22/2021	1,166.61	0.00	Paid	Y 12/31/2021
	SUPPLIES			1,166.61			
PETERSON RANDY 50883	AMVAN, LLC PRIORITY START 100-5324-539500	11/30/2021 MROCKLEY	12/22/2021	127.25	0.00	Paid	Y 12/31/2021
	REPAIRS & MAINTENANCE			127.25			
PETERSON RANDY 50884	PUMPAGENTS.COM BRINE PUMPS 100-5324-539500	12/01/2021 MROCKLEY	12/22/2021	136.77	0.00	Paid	Y 12/31/2021
	REPAIRS & MAINTENANCE			136.77			
SMITH JAMES A 50885	WM SUPERCENTER #1571 WWTF OFFICE SUPPLIES 620-8400-851000	12/09/2021 MROCKLEY	12/22/2021	14.85	0.00	Paid	Y 12/31/2021
	OFFICE SUPPLIES & EXPENSES			14.85			

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Purchase Card Vendor: 0002 US BANK							
STIEN JEFFREY R 50886	AMZN MKTP US*8U1Z952E3 STATION SUPPLIES CORNER GUARDS 150-5221-531100	11/16/2021 MROCKLEY	12/22/2021	145.99	0.00	Paid	Y 12/31/2021
	SUPPLIES			145.99			
STIEN JEFFREY R 50887	GATEWAY TECHNICAL COLLEGE FRIESEMA EDUCATION FOI 150-5221-533500	11/16/2021 MROCKLEY	12/22/2021	148.50	0.00	Paid	Y 12/31/2021
	TRAINING & TRAVEL			148.50			
STIEN JEFFREY R 50888	THE HOME DEPOT #4921 KITCHEN MAINTENANCE 150-5221-539500	11/16/2021 MROCKLEY	12/22/2021	20.95	0.00	Paid	Y 12/31/2021
	REPAIRS & MAINTENANCE			20.95			
STIEN JEFFREY R 50889	AMAZON.COM*YA7YL8EQ3 AMZN STREAMLIGHT LIGHTS 150-5700-571400	11/21/2021 MROCKLEY	12/22/2021	757.00	0.00	Paid	Y 12/31/2021
	AMBULANCE CAPITAL EQUIP			757.00			
STIEN JEFFREY R 50890	GATEWAY-ELKHORN BKST #533 FRIESEMA FOI BOOK 150-5221-533500	11/21/2021 MROCKLEY	12/22/2021	126.75	0.00	Paid	Y 12/31/2021
	TRAINING & TRAVEL			126.75			
STIEN JEFFREY R 50891	US BANK GATEWAY TECHNICAL COLLEGE CREDIT 150-5221-533500	11/22/2021 MROCKLEY	12/22/2021	(148.50)	0.00	Paid	Y 12/31/2021
	TRAINING & TRAVEL			(148.50)			
STIEN JEFFREY R 50892	AMZN MKTP US*388MC4WR3 STIEN EDUCATION NFPA1 BOOK 150-5221-533500	11/30/2021 MROCKLEY	12/22/2021	129.45	0.00	Paid	Y 12/31/2021
	TRAINING & TRAVEL			129.45			
STIEN JEFFREY R 50893	TRACTOR SUPPLY #339 TRACTOR SUPPLY OIL DRY SOFTNER SALT 150-5222-531100	12/07/2021 MROCKLEY	12/22/2021	360.74	0.00	Paid	Y 12/31/2021
	SUPPLIES			360.74			
STIEN JEFFREY R 50894	THE HOME DEPOT #4921 WREATH LIGHTS 150-5221-531100	12/07/2021 MROCKLEY	12/22/2021	8.98	0.00	Paid	Y 12/31/2021
	SUPPLIES			8.98			

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Purchase Card Vendor: 0002 US BANK							
STIEN JEFFREY R 50895	WAL-MART #1571 STATION SUPPLIES 150-5221-531100	12/09/2021 MROCKLEY	12/22/2021	3.38	0.00	Paid	Y 12/31/2021
	SUPPLIES			3.38			
STIEN JEFFREY R 50896	WAL-MART #1571 STATION SUPPLIES 150-5221-531100	12/10/2021 MROCKLEY	12/22/2021	74.87	0.00	Paid	Y 12/31/2021
	SUPPLIES			74.87			
STREIT DANIEL 50897	STAPLS0196129446000001 OFFICE SUPPLIES 100-5211-531100	11/23/2021 MROCKLEY	12/22/2021	248.54	0.00	Paid	Y 12/31/2021
	SUPPLIES			248.54			
STREIT DANIEL 50898	US BANK OFFICE SUPPLY RETURN 100-5211-531100	12/01/2021 MROCKLEY	12/22/2021	(14.72)	0.00	Paid	Y 12/31/2021
	SUPPLIES			(14.72)			
STREIT DANIEL 50899	STAPLS0196269661000001 OFFICE SUPPLIES 100-5211-531100	12/01/2021 MROCKLEY	12/22/2021	24.59	0.00	Paid	Y 12/31/2021
	SUPPLIES			24.59			
STREIT DANIEL 50900	AMAZON.COM*QQ83I0Y23 REPLACE OLD GPS RECEIVERS 100-5211-539500	12/03/2021 MROCKLEY	12/22/2021	97.50	0.00	Paid	Y 12/31/2021
	REPAIRS & MAINTENANCE			97.50			
STREIT DANIEL 50901	AMAZON.COM*C32D61133 AMZN REPLACE USB CABLE 100-5211-539500	12/05/2021 MROCKLEY	12/22/2021	14.95	0.00	Paid	Y 12/31/2021
	REPAIRS & MAINTENANCE			14.95			
STREIT DANIEL 50902	STAPLS0196404404000001 OFFICE SUPPLIES 100-5211-531100	12/07/2021 MROCKLEY	12/22/2021	61.66	0.00	Paid	Y 12/31/2021
	SUPPLIES			61.66			
STREIT DANIEL 50903	STAPLS0196476053000001 REPLACE CARPET PROTECTORS 100-5211-539500	12/08/2021 MROCKLEY	12/22/2021	22.88	0.00	Paid	Y 12/31/2021
	REPAIRS & MAINTENANCE			22.88			

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Purchase Card Vendor: 0002 US BANK							
STREIT DANIEL 50904	US BANK REFUND CANCELLED DISPATCH TRAINING 100-5211-533500	12/08/2021 MROCKLEY TRAINING & TRAVEL	12/22/2021	(160.00) (160.00)	0.00	Paid	Y 12/31/2021
STREIT DANIEL 50905	AMAZON.COM*LU0ET6HF3 AMZN SQUAD VIDEO HARD DRIVE REPAIR 100-5211-539500	12/09/2021 MROCKLEY REPAIRS & MAINTENANCE	12/22/2021	70.54 70.54	0.00	Paid	Y 12/31/2021
STREIT DANIEL 50906	AMZN MKTP US*3F2OM4IS3 DISPATCH HEADSET REPLACEMENT 100-5211-539500	12/10/2021 MROCKLEY REPAIRS & MAINTENANCE	12/22/2021	147.00 147.00	0.00	Paid	Y 12/31/2021
STREIT DANIEL 50907	AMZN MKTP US*KROKJ08M3 FOLDING BARRICADES FOR PATROL 100-5212-531100	12/10/2021 MROCKLEY SUPPLIES	12/22/2021	374.46 374.46	0.00	Paid	Y 12/31/2021
STREIT DANIEL 50908	STAPLS0196558623000001 OFFICE SUPPLIES 100-5211-531100	12/11/2021 MROCKLEY SUPPLIES	12/22/2021	413.92 413.92	0.00	Paid	Y 12/31/2021
STREIT DANIEL 50909	STAPLS0196558623000002 TOILET PAPER 100-5211-531100	12/11/2021 MROCKLEY SUPPLIES	12/22/2021	34.36 34.36	0.00	Paid	Y 12/31/2021
STREIT DANIEL 50910	AMAZON.COM*LZ2OE18M3 AMZN BATTERIES, RECORDER, REPLACE 100-5211-539500 100-5212-531100	12/12/2021 MROCKLEY REPAIRS & MAINTENANCE SUPPLIES	12/22/2021	574.66 349.98 224.68	0.00	Paid	Y 12/31/2021
STREIT DANIEL 50911	AMAZON.COM*2M8ZZ1WM0 PATROL AND OFFICE SUPPLIES 100-5212-531100 100-5211-531100	12/12/2021 MROCKLEY SUPPLIES SUPPLIES	12/22/2021	312.53 145.09 167.44	0.00	Paid	Y 12/31/2021
STREIT DANIEL 50912	AMZN MKTP US*LV2KL2QO3 TRAFFIC CONES FOR SQUADS 100-5212-531100	12/13/2021 MROCKLEY SUPPLIES	12/22/2021	352.35 352.35	0.00	Paid	Y 12/31/2021

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Purchase Card Vendor: 0002 US BANK							
STREIT DANIEL 50913	NATIONAL PEN CO LLC GIVEAWAY PENS 100-5213-531100	12/14/2021 MROCKLEY	12/22/2021	507.05	0.00	Paid	Y 12/31/2021
	SUPPLIES			507.05			
SURA MATTHEW J 50914	TRACTOR SUPPLY #339 FIRE SUPPLIES 150-5222-531100	11/26/2021 MROCKLEY	12/22/2021	5.02	0.00	Paid	Y 12/31/2021
	SUPPLIES			5.02			
SURA MATTHEW J 50915	IDENTIFIRE INDENTIFIRE SCBA LABELS 150-5222-531100	11/29/2021 MROCKLEY	12/22/2021	119.19	0.00	Paid	Y 12/31/2021
	SUPPLIES			119.19			
SURA MATTHEW J 50916	NCE EMPOWERING SAFETY LP15 MOUNTING BRACKET 3461 150-5700-571300	12/03/2021 MROCKLEY	12/22/2021	955.00	0.00	Paid	Y 12/31/2021
	FIRE DEPT CAPITAL EQUIP			955.00			
SURA MATTHEW J 50917	FLEET FARM ECOM 4000 FLEET FARM DEWALT POWER STATION 3461 150-5700-571300	12/03/2021 MROCKLEY	12/22/2021	429.00	0.00	Paid	Y 12/31/2021
	FIRE DEPT CAPITAL EQUIP			429.00			
SURA MATTHEW J 50918	APPLE.COM/BILL APPLE STORAGE 150-5231-531100	12/08/2021 MROCKLEY	12/22/2021	0.99	0.00	Paid	Y 12/31/2021
	SUPPLIES			0.99			
Total Purchase Card Vendor: 0002 US BANK				15,420.87	0.00		

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# of Invoices:	98	# Due:	0	Totals:	15,959.75	0.00	
# of Credit Memos:	7	# Due:	0	Totals:	(538.88)	0.00	
Net of Invoices and Credit Memos:				15,420.87	0.00		

--- TOTALS BY GL DISTRIBUTION ---

100-5111-531100	SUPPLIES	66.99
100-5141-531100	SUPPLIES	42.97
100-5142-531100	SUPPLIES	43.63
100-5142-539900	OTHER	88.18
100-5144-531100	SUPPLIES	53.98
100-5211-531100	SUPPLIES	961.28
100-5211-533500	TRAINING & TRAVEL	1,840.00
100-5211-539500	REPAIRS & MAINTENANCE	1,244.70
100-5212-531100	SUPPLIES	1,486.58
100-5213-531100	SUPPLIES	507.05
100-5300-532400	MEMBERSHIP DUES	45.00
100-5323-531100	SUPPLIES	1,166.61
100-5324-539500	REPAIRS & MAINTENANCE	300.37
150-5221-531100	SUPPLIES	233.22
150-5221-533500	TRAINING & TRAVEL	256.20
150-5221-539500	REPAIRS & MAINTENANCE	20.95
150-5222-531100	SUPPLIES	484.95
150-5231-531100	SUPPLIES	0.99
150-5700-571300	FIRE DEPT CAPITAL EQUIP	1,384.00
150-5700-571400	AMBULANCE CAPITAL EQUIP	757.00
440-5511-531100	SUPPLIES	239.77
440-5511-531400	META SPACE EQUIPMENT & SUPPLIE	162.48
440-5511-531500	POSTAGE	58.90
440-5511-533000	THINGERY PURCHASES	56.89
440-5511-533100	PROGRAMMING	95.80
440-5511-533300	OUTREACH	(164.79)
440-5511-533500	TRAINING & TRAVEL	1,033.24
440-5511-534000	DIGITAL MATERIALS	240.56
440-5700-532900	AV MATERIAL	682.79
440-5890-580600	DONATED FUND EXPENDITURES	724.82
610-6210-662300	OPERATION SUPPLY/EXP-PUMPING	51.32
610-6300-663200	OPERATION SUPPLY/EXP-TREATMENT	4.30
610-6920-692100	OFFICE SUPPLIES & EXPENSES	63.90
620-8010-827000	OPERATION SUPPLY/EXPENSE	523.58
620-8010-834000	MAINT-GENERAL PLANT/STRUCTURES	476.00
620-8030-828000	TRANSPORTATION EXPENSE	116.36
620-8400-851000	OFFICE SUPPLIES & EXPENSES	14.85
620-8400-854100	EDUCATIONAL/TRAINING EXPENSES	55.45

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GL Distribution							
--- TOTALS BY FUND ---							
	100 - GENERAL FUND			7,847.34	0.00		
	150 - FIRE/AMBULANCE FUND			3,137.31	0.00		
	440 - LIBRARY FUND			3,130.46	0.00		
	610 - WATER UTILITY FUND			119.52	0.00		
	620 - SEWER UTILITY FUND			1,186.24	0.00		
--- TOTALS BY DEPT/ACTIVITY ---							
	5111 - VILLAGE BOARD			66.99	0.00		
	5141 - VILLAGE ADMINISTRATOR			42.97	0.00		
	5142 - CLERK-TREASURER			131.81	0.00		
	5144 - ELECTIONS			53.98	0.00		
	5211 - POLICE ADMINISTRATION			4,045.98	0.00		
	5212 - POLICE PATROL			1,486.58	0.00		
	5213 - CRIME INVESTIGATION			507.05	0.00		
	5221 - FIRE ADMINISTRATION			510.37	0.00		
	5222 - FIRE SUPPRESSION			484.95	0.00		
	5231 - AMBULANCE			0.99	0.00		
	5300 - DPW GENERAL ADMINISTRATION			45.00	0.00		
	5323 - GARAGE			1,166.61	0.00		
	5324 - MACHINERY & EQUIPMENT			300.37	0.00		
	5511 - LIBRARY SERVICES			1,722.85	0.00		
	5700 - CAPITAL OUTLAY EXPENDITURES			2,823.79	0.00		
	5890 - USE OF DESIGNATED FUNDS			724.82	0.00		
	6210 - PUMPING MAINTENANCE			51.32	0.00		
	6300 - WATER TREATMENT OPERATIONS			4.30	0.00		
	6920 - ADMINISTRATIVE & GENERAL EX			63.90	0.00		
	8010 - WWTP-TREATMENT/DISPOSAL/GP			999.58	0.00		
	8030 - WASTEWATER COLLECTION SYSTE			116.36	0.00		
	8400 - ADMINISTRATIVE & GENERAL			70.30	0.00		
--- TOTALS BY PAYMENT CARD ACCOUNT ---							
	0707			1,363.30			
	1051			277.11			
	1275			55.45			
	2365			763.96			
	2544			88.18			
	3064			2,957.34			
	5311			1,003.20			
	5538			3,082.27			
	5724			1,509.20			

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INVOICE REGISTER REPORT FOR MUKWONAGO
INVOICE ENTRY DATES 12/17/2021 - 12/17/2021
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 ---							
	6347			207.57			
	6370			1,628.11			
	6639			476.00			
	7403			14.85			
	8389			482.35			
	9625			1,430.63			
	9708			81.35			

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INVOICE REGISTER REPORT FOR MUKWONAGO
 EXP CHECK RUN DATES 12/15/2021 - 12/15/2021
 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 50668	WE ENERGIES 0700126680-00001 Digester Gas 620-8010-821200	11/24/2021 MROCKLEY	12/16/2021	563.84	0.00	Paid	Y 12/15/2021
	0700126680-00001 Digester Gas			563.84			
3939549608 50669	WE ENERGIES 0700126680-00002 Well #3 Elec 610-6200-662200	11/24/2021 MROCKLEY	12/16/2021	946.14	0.00	Paid	Y 12/15/2021
	0700126680-00002 Well #3 Elec			946.14			
3939549608 50670	WE ENERGIES 0700126680-00003 Street Lights 100-5342-522200	11/24/2021 MROCKLEY	12/16/2021	3,535.92	0.00	Paid	Y 12/15/2021
	0700126680-00003 Street Lights			3,535.92			
3939549608 50671	WE ENERGIES 0700126680-00004 Greenwald 610-6200-662200	11/24/2021 MROCKLEY	12/16/2021	72.50	0.00	Paid	Y 12/15/2021
	0700126680-00004 Greenwald			72.50			
3939549608 50672	WE ENERGIES 0700126680-00005 Booster Station 610-6200-662200	11/24/2021 MROCKLEY	12/16/2021	425.85	0.00	Paid	Y 12/15/2021
	0700126680-00005 Booster Station			425.85			
3939549608 50673	WE ENERGIES 0700126680-00007 1240 N. Rochester 620-8020-821000	11/24/2021 MROCKLEY	12/16/2021	104.91	0.00	Paid	Y 12/15/2021
	0700126680-00007 1240 N. Rochester			104.91			
3939549608 50674	WE ENERGIES 0700126680-00008 Police Garage 100-5211-522200	11/24/2021 MROCKLEY	12/16/2021	91.20	0.00	Paid	Y 12/15/2021
	0700126680-00008 Police Garage			91.20			
3939549608 50675	WE ENERGIES 0700126680-00009 Fld Prk Baseball 100-5521-522200	11/24/2021 MROCKLEY	12/16/2021	38.49	0.00	Paid	Y 12/15/2021
	0700126680-00009 Fld Prk Baseball Lights			38.49			
3939549608 50676	WE ENERGIES 0700126680-000010 Fox River View 620-8020-821000	11/24/2021 MROCKLEY	12/16/2021	170.07	0.00	Paid	Y 12/15/2021
	0700126680-000010 Fox River View			170.07			
3939549608 50677	WE ENERGIES 0700126680-000011 DPW Elec 100-5323-522200	11/24/2021 MROCKLEY	12/16/2021	346.67	0.00	Paid	Y 12/15/2021
	0700126680-000011 DPW Elec			346.67			

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INVOICE REGISTER REPORT FOR MUKWONAGO
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 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 50678	WE ENERGIES 0700126680-000012 Fire 150-5221-522200	11/24/2021 MROCKLEY 0700126680-000012 Fire	12/16/2021	1,386.56 1,386.56	0.00	Paid	Y 12/15/2021
3939549608 50679	WE ENERGIES 0700126680-000013 police-CTH E N of 100-5211-522200	11/24/2021 MROCKLEY 0700126680-000013 police-CTH E N of Sugd	12/16/2021	18.28 18.28	0.00	Paid	Y 12/15/2021
3939549608 50680	WE ENERGIES 0700126680-000014 Hall 100-5160-522200	11/24/2021 MROCKLEY 0700126680-000014 Hall	12/16/2021	672.98 672.98	0.00	Paid	Y 12/15/2021
3939549608 50681	WE ENERGIES 0700126680-000014 Hall Gas 100-5160-522400	11/24/2021 MROCKLEY 0700126680-000014 Hall Gas	12/16/2021	243.55 243.55	0.00	Paid	Y 12/15/2021
3939549608 50682	WE ENERGIES 0700126680-000016 Miniwauken Park 100-5521-522200	11/24/2021 MROCKLEY 0700126680-000016 Miniwauken Park	12/16/2021	18.15 18.15	0.00	Paid	Y 12/15/2021
3939549608 50683	WE ENERGIES 0700126680-000017 Holz Elec 620-8010-821100	11/24/2021 MROCKLEY 0700126680-000017 Holz Elec	12/16/2021	8,459.33 8,459.33	0.00	Paid	Y 12/15/2021
3939549608 50684	WE ENERGIES 0700126680-000018 Parks 100-5521-522200	11/24/2021 MROCKLEY 0700126680-000018 Parks	12/16/2021	25.20 25.20	0.00	Paid	Y 12/15/2021
3939549608 50685	WE ENERGIES 0700126680-000019 Atkinson Pump 620-8020-821000	11/24/2021 MROCKLEY 0700126680-000019 Atkinson Pump	12/16/2021	365.12 365.12	0.00	Paid	Y 12/15/2021
3939549608 50686	WE ENERGIES 0700126680-000020 Well #6 610-6200-662200	11/24/2021 MROCKLEY 0700126680-000020 Well #6	12/16/2021	674.96 674.96	0.00	Paid	Y 12/15/2021
3939549608 50687	WE ENERGIES 0700126680-000021 DPW Gas 100-5323-522400	11/24/2021 MROCKLEY 0700126680-000021 DPW Gas	12/16/2021	136.14 136.14	0.00	Paid	Y 12/15/2021

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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
3939549608 50688	WE ENERGIES 0700126680-000022 Concession 100-5521-522200	11/24/2021 MROCKLEY	12/16/2021	106.24	0.00	Paid	Y 12/15/2021
	0700126680-000022 Concession Building			106.24			
3939549608 50690	WE ENERGIES 0700126680-000024 Parks-200 S 100-5342-522200	11/24/2021 MROCKLEY	12/16/2021	25.06	0.00	Paid	Y 12/15/2021
	0700126680-000024 Parks-200 S Rochester			25.06			
3939549608 50691	WE ENERGIES 0700126680-000027 Police 100-5211-522200	11/24/2021 MROCKLEY	12/16/2021	1,097.72	0.00	Paid	Y 12/15/2021
	0700126680-000027 Police			1,097.72			
3939549608 50692	WE ENERGIES 0700126680-000028 Miniwaukan 100-5521-522200	11/24/2021 MROCKLEY	12/16/2021	28.04	0.00	Paid	Y 12/15/2021
	0700126680-000028 Miniwaukan Pavilion			28.04			
3939549608 50693	WE ENERGIES 0700126680-000029 F. Park Sump Pump 100-5521-522200	11/24/2021 MROCKLEY	12/16/2021	21.14	0.00	Paid	Y 12/15/2021
	0700126680-000029 F. Park Sump Pump			21.14			
3939549608 50694	WE ENERGIES 0700126680-000031 Holz Gas 620-8010-821200	11/24/2021 MROCKLEY	12/16/2021	138.71	0.00	Paid	Y 12/15/2021
	0700126680-000031 Holz Gas			138.71			
3939549608 50695	WE ENERGIES 0700126680-000032 Well #4 Elec 610-6200-662200	11/24/2021 MROCKLEY	12/16/2021	1,490.10	0.00	Paid	Y 12/15/2021
	0700126680-000032 Well #4 Elec			1,490.10			
3939549608 50696	WE ENERGIES 0700126680-000033 Parks 100-5521-522200	11/24/2021 MROCKLEY	12/16/2021	33.60	0.00	Paid	Y 12/15/2021
	0700126680-000033 Parks			33.60			
3939549608 50697	WE ENERGIES 0700126680-000034 Street Lights 100-5342-522200	11/24/2021 MROCKLEY	12/16/2021	66.14	0.00	Paid	Y 12/15/2021
	0700126680-000034 Street Lights			66.14			
3939549608 50698	WE ENERGIES 0700126680-000036 Flashers 100-5211-522200	11/24/2021 MROCKLEY	12/16/2021	9.77	0.00	Paid	Y 12/15/2021
	0700126680-000036 Flashers			9.77			

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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
3939549608 50699	WE ENERGIES 0700126680-000037 Well #4 Gas 610-6200-662200	11/24/2021 MROCKLEY	12/16/2021	60.89	0.00	Paid	Y 12/15/2021
		0700126680-000037 Well #4 Gas		60.89			
3939549608 50700	WE ENERGIES 0700126680-000038 Museum 100-5512-522200	11/24/2021 MROCKLEY	12/16/2021	183.91	0.00	Paid	Y 12/15/2021
		0700126680-000038 Museum		183.91			
3939549608 50701	WE ENERGIES 0700126680-000039 Well #5 610-6200-662200	11/24/2021 MROCKLEY	12/16/2021	2,141.14	0.00	Paid	Y 12/15/2021
		0700126680-000039 Well #5		2,141.14			
3939549608 50702	WE ENERGIES 0709449777-00001 Library Gas 440-5511-522400	11/24/2021 MROCKLEY	12/16/2021	1,130.68	0.00	Paid	Y 12/15/2021
		0709449777-00001 Library Gas		1,130.68			
3939549608 50703	WE ENERGIES 0709449777-00002 Library Elec 440-5511-522200	11/24/2021 MROCKLEY	12/16/2021	2,504.63	0.00	Paid	Y 12/15/2021
		0709449777-00002 Library Elec		2,504.63			
3939549608 50704	WE ENERGIES 0712697628-00001 Tower Radio Bldg 100-5211-522200	11/24/2021 MROCKLEY	12/16/2021	23.31	0.00	Paid	Y 12/15/2021
		0712697628-00001 Tower Radio Bldg		23.31			
3939549608 50705	WE ENERGIES 0712697628-00002 Mukw Dam 100-5254-522200	11/24/2021 MROCKLEY	12/16/2021	22.90	0.00	Paid	Y 12/15/2021
		0712697628-00002 Mukw Dam		22.90			
3939549608 50706	WE ENERGIES 0712697628-00003 PD Tower meter 100-5211-522200	11/24/2021 MROCKLEY	12/16/2021	43.75	0.00	Paid	Y 12/15/2021
		0712697628-00003 PD Tower meter #05662		43.75			
3939549608 50707	WE ENERGIES 0712697628-00004 1224 Riverton 620-8020-821000	11/24/2021 MROCKLEY	12/16/2021	95.62	0.00	Paid	Y 12/15/2021
		0712697628-00004 1224 Riverton		95.62			
3939549608 50708	WE ENERGIES 0712697628-00006 Well #7 610-6200-662200	11/24/2021 MROCKLEY	12/16/2021	1,302.76	0.00	Paid	Y 12/15/2021
		0712697628-00006 Well #7		1,302.76			

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INVOICE REGISTER REPORT FOR MUKWONAGO
 EXP CHECK RUN DATES 12/15/2021 - 12/15/2021
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 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
3938151811 50710	WE ENERGIES 0700126680-00015 STREET LIGHTS 100-5342-522200	11/24/2021 MROCKLEY	12/16/2021	9,945.72	0.00	Paid	Y 12/15/2021
		0700126680-00015 STREET LIGHTS		9,945.72			
3928453394 50711	WE ENERGIES 0700126680-00006 Field Park 100-5521-522200	11/24/2021 MROCKLEY	12/16/2021	101.77	0.00	Paid	Y 12/15/2021
		0700126680-00006 Field Park		101.77			
3928453394 50712	WE ENERGIES 0700126680-000025 Tower 610-6200-662200	11/24/2021 MROCKLEY	12/16/2021	32.32	0.00	Paid	Y 12/15/2021
		0700126680-000025 Tower		32.32			
3928453394 50713	WE ENERGIES 0700126680-00030 Andrews Street 100-5521-522200	11/24/2021 MROCKLEY	12/16/2021	103.84	0.00	Paid	Y 12/15/2021
		0700126680-00030 Andrews Street		103.84			
# of Invoices:	44	# Due:	0	Totals:	39,005.62	0.00	
# of Credit Memos:	0	# Due:	0	Totals:	0.00	0.00	
Net of Invoices and Credit Memos:				39,005.62	0.00		

--- TOTALS BY GL DISTRIBUTION ---

100-5160-522200	ELECTRIC	672.98
100-5160-522400	GAS	243.55
100-5211-522200	ELECTRIC	1,284.03
100-5254-522200	ELECTRIC	22.90
100-5323-522200	ELECTRIC	346.67
100-5323-522400	GAS	136.14
100-5342-522200	ELECTRIC	13,572.84
100-5512-522200	ELECTRIC	183.91
100-5521-522200	ELECTRIC	476.47
150-5221-522200	ELECTRIC	1,386.56
440-5511-522200	ELECTRIC	2,504.63
440-5511-522400	GAS	1,130.68
610-6200-662200	FUEL OR POWER PURCHASED	7,146.66
620-8010-821100	WWTP ELECTRIC POWER	8,459.33
620-8010-821200	NAT GAS/ADMIN BLDG/HEAT EXCH	702.55
620-8020-821000	PUMPING POWER & FUEL	735.72

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INVOICE REGISTER REPORT FOR MUKWONAGO
EXP CHECK RUN DATES 12/15/2021 - 12/15/2021
JOURNALIZED PAID
VENDOR CODE: 0034 - CHECK TYPE: EFT
WE ENERGIES REPORT FOR BOARD

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Inv Num	Vendor	Inv Date	Due Date	Inv Amt	Amt Due	Status	Jrnalized
Inv Ref#	Description	Entered By					Post Date
GL Distribution							
--- TOTALS BY FUND ---							
	100 - GENERAL FUND			16,939.49	0.00		
	150 - FIRE/AMBULANCE FUND			1,386.56	0.00		
	440 - LIBRARY FUND			3,635.31	0.00		
	610 - WATER UTILITY FUND			7,146.66	0.00		
	620 - SEWER UTILITY FUND			9,897.60	0.00		
--- TOTALS BY DEPT/ACTIVITY ---							
	5160 - VILLAGE HALL			916.53	0.00		
	5211 - POLICE ADMINISTRATION			1,284.03	0.00		
	5221 - FIRE ADMINISTRATION			1,386.56	0.00		
	5254 - DAMS			22.90	0.00		
	5323 - GARAGE			482.81	0.00		
	5342 - STREET LIGHTING			13,572.84	0.00		
	5511 - LIBRARY SERVICES			3,635.31	0.00		
	5512 - MUSEUM			183.91	0.00		
	5521 - PARKS			476.47	0.00		
	6200 - PUMPING OPERATIONS			7,146.66	0.00		
	8010 - WWTP-TREATMENT/DISPOSAL/GP			9,161.88	0.00		
	8020 - LIFT STATIONS/PUMPING EQUIP			735.72	0.00		

Check Date	Bank	Check #	Payee	Description	GL #	Amount
12/08/2021	GEN	33083	TREASURER STATE OF WI	COURT FINES AND FEES	100-0000-242400	4,117.94
12/08/2021	GEN	33084	TREASURER WAUKESHA COUNTY	COURT FINES AND FEES	100-0000-243240	1,478.00
			TOTAL - ALL FUNDS	TOTAL OF 2 CHECKS		5,595.94

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CHECK DISBURSEMENT REPORT FOR MUKWONAGO
CHECK NUMBER 422 - 426
Banks: GEN

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Check Date	Bank	Check #	Payee	Description	GL #	Amount
12/28/2021	GEN	422 (E)	INVOICE CLOUD	INVOICE CLOUD MONTHLY FEES -	100-5142-539900	6.82
		422 (E)		INVOICE CLOUD MONTHLY FEES -	100-5241-539900	62.73
		422 (E)		INVOICE CLOUD MONTHLY FEES -	410-5363-539900	28.23
		422 (E)		INVOICE CLOUD MONTHLY FEES -	610-6902-690300	28.24
		422 (E)		INVOICE CLOUD MONTHLY FEES -	620-8300-840000	28.23
						154.25
12/28/2021	GEN	423 (E)	TASC	FLEX 1/1/22 - 3/31/22	100-5142-539900	120.07
		423 (E)		FLEX 1/1/22 - 3/31/22	100-5211-539900	220.13
		423 (E)		FLEX 1/1/22 - 3/31/22	100-5212-539900	240.15
		423 (E)		FLEX 1/1/22 - 3/31/22	100-5241-539900	60.03
		423 (E)		FLEX 1/1/22 - 3/31/22	100-5323-531100	140.08
		423 (E)		FLEX 1/1/22 - 3/31/22	100-5632-539900	20.01
		423 (E)		FLEX 1/1/22 - 3/31/22	150-5221-539900	160.09
		423 (E)		FLEX 1/1/22 - 3/31/22	440-5511-539900	140.08
		423 (E)		FLEX 1/1/22 - 3/31/22	610-6902-690300	80.05
		423 (E)		FLEX 1/1/22 - 3/31/22	620-8300-840000	60.03
						1,240.72
12/28/2021	GEN	424 (E)	WI RETIREMENT SYSTEM	WISCONSIN RETIREMENT CONTRIBUTIONS - NOVEMBER 2021	100-0000-215200	30,662.20
		424 (E)		WISCONSIN RETIREMENT CONTRIBUTIONS -	150-0000-215200	10,321.63
		424 (E)		WISCONSIN RETIREMENT CONTRIBUTIONS -	440-0000-215200	4,686.32
		424 (E)		WISCONSIN RETIREMENT CONTRIBUTIONS -	610-0000-215200	2,387.96
		424 (E)		WISCONSIN RETIREMENT CONTRIBUTIONS -	620-0000-215200	2,278.10
						50,336.21
12/28/2021	GEN	426 (E)	MISSION SQUARE RETIREMENT	RETIREMENT PR 12/24/21 ACCT 305155	100-0000-215250	2,954.86
		426 (E)		RETIREMENT PR 12/24/21 ACCT 305155	440-0000-215250	726.06
		426 (E)		RETIREMENT PR 12/24/21 ACCT 305155	610-0000-215250	259.73
		426 (E)		RETIREMENT PR 12/24/21 ACCT 305155	620-0000-215250	242.80
						4,183.45
TOTAL - ALL FUNDS				TOTAL OF 4 CHECKS		55,914.63

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CHECK DISBURSEMENT REPORT FOR MUKWONAGO
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Check Date	Bank	Check #	Payee	Description	GL #	Amount
12/21/2021	GEN	33173	REDLINGER KRISTINE	REFUND 10-2021 DENTAL & VISION	100-0000-215303	5.72
		33173		REFUND 10-2021 DENTAL & VISION	100-0000-215304	16.82
						22.54
12/21/2021	GEN	33174	VILLAGE OF MUKWONAGO	B21-0009 SA PROPERTY MANAGEMENT	100-0000-211425	1,776.99
12/21/2021	GEN	417 (E)	HASLER MAILING SOLUTIONS	POSTAGE	100-5142-531500	1,500.00
			TOTAL - ALL FUNDS	TOTAL OF 3 CHECKS		3,299.53

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CHECK DISBURSEMENT REPORT FOR MUKWONAGO
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Check Date	Bank	Check #	Payee	Description	GL #	Amount
12/08/2021	GEN	33085	MINNESOTA LIFE INSURANCE	JANUARY 2022 PREM LIFE INSURANCE	100-0000-215301	950.45
		33085		JANUARY 2022 PREM LIFE INSURANCE	150-0000-215301	162.12
		33085		JANUARY 2022 PREM LIFE INSURANCE	440-0000-215301	115.28
		33085		JANUARY 2022 PREM LIFE INSURANCE	610-0000-215301	90.63
		33085		JANUARY 2022 PREM LIFE INSURANCE	620-0000-215301	120.47
						1,438.95
12/08/2021	GEN	33086	MISSION SQUARE RETIREMENT	RETIREMENT PR 12/10/21 ACCT 305155	100-0000-215250	3,124.99
		33086		RETIREMENT PR 12/10/21 ACCT 305155	440-0000-215250	565.24
		33086		RETIREMENT PR 12/10/21 ACCT 305155	610-0000-215250	257.46
		33086		RETIREMENT PR 12/10/21 ACCT 305155	620-0000-215250	257.32
						4,205.01
12/08/2021	GEN	33087	SECURIAN FINANCIAL GROUP INC	DECEMBER 2021 ACCIDENT INS	100-0000-215305	16.90
12/08/2021	GEN	414 (E)	GREAT WEST RETIREMENT SERVICES	RETIREMENT PR 12/10/21	100-0000-215250	580.00
		414 (E)		RETIREMENT PR 12/10/21	150-0000-215250	676.51
						1,256.51
			TOTAL - ALL FUNDS	TOTAL OF 4 CHECKS		6,917.37

12/29/2021 09:32 AM
User: MROCKLEY
DB: Mukwonago

CHECK DISBURSEMENT REPORT FOR MUKWONAGO
CHECK DATE FROM 12/22/2021 - 12/22/2021
Banks: GEN

Page 1/2

Check Date	Bank	Check #	Payee	Description	GL #	Amount
12/22/2021	GEN	33175	AFLAC	ACCOUNT# V1553 SUPPLEMENTAL	100-0000-215302	207.53
		33175		ACCOUNT# V1553 SUPPLEMENTAL	150-0000-215302	307.74
		33175		ACCOUNT# V1553 SUPPLEMENTAL	610-0000-215302	43.61
		33175		ACCOUNT# V1553 SUPPLEMENTAL	620-0000-215302	57.89
						616.77
12/22/2021	GEN	33176	HOLLY ROUSH	PAYROLL 12/24/21 MANUAL CHECK	150-0000-111000	126.98
12/22/2021	GEN	33177	MUKWONAGO PROFESSIONAL	DECEMBER 2021 FIRE UNION DUES	150-0000-215500	270.00
12/22/2021	GEN	33178	MUKWONAGO PROFESSIONAL POLICE	DECEMBER 2021 POLICE UNION DUES	100-0000-215500	600.00
12/22/2021	GEN	33179	SHANE PETERSON	PAYROLL 12/24/2021 MANUAL CHECK	150-0000-111000	62.75
12/22/2021	GEN	33180	VILLAGE OF MUKWONAGO MRA	DECEMBER 2021 FSA	100-0000-215350	1,946.20
		33180		DECEMBER 2021 FSA	150-0000-215350	326.96
		33180		DECEMBER 2021 FSA	610-0000-215350	21.48
		33180		DECEMBER 2021 FSA	620-0000-215350	28.52
						2,323.16
12/22/2021	GEN	418 (E)	DELTA DENTAL OF WISCONSIN	JANUARY 2022 DENTAL PREMIUMS	100-0000-215304	389.84
		418 (E)		JANUARY 2022 DENTAL PREMIUMS	150-0000-215304	20.98
		418 (E)		JANUARY 2022 DENTAL PREMIUMS	440-0000-215304	51.72
		418 (E)		JANUARY 2022 DENTAL PREMIUMS	610-0000-215304	9.76
						472.30
12/22/2021	GEN	419 (E)	DELTA DENTAL OF WISCONSIN	JANUARY 2022 VISION PREMIUMS	100-0000-215303	44.90
		419 (E)		JANUARY 2022 VISION PREMIUMS	440-0000-215303	30.04
						74.94
12/22/2021	GEN	420 (E)	EMPLOYEE TRUST FUNDS	JANUARY 2021 HEALTH INSURANCE	100-0000-215300	50,737.90
		420 (E)		JANUARY 2021 HEALTH INSURANCE	150-0000-215300	8,230.86
		420 (E)		JANUARY 2021 HEALTH INSURANCE	440-0000-215300	6,667.36
		420 (E)		JANUARY 2021 HEALTH INSURANCE	610-0000-215300	4,086.70
		420 (E)		JANUARY 2021 HEALTH INSURANCE	620-0000-215300	5,355.90

Check Date	Bank	Check #	Payee	Description	GL #	Amount
						75,078.72
12/22/2021	GEN	421 (E)	GREAT WEST RETIREMENT SERVICES	RETIREMENT PR 12/24/2021	100-0000-215250	580.00
		421 (E)		RETIREMENT PR 12/24/2021	150-0000-215250	530.50
						1,110.50
TOTAL - ALL FUNDS				TOTAL OF 10 CHECKS		80,736.12

* new Application Reflects new LLC

Original Alcohol Beverage Retail License Application

(Submit to municipal clerk.)

For the license period beginning: _____ ending: 6/30/2022
(mm dd yyyy) (mm dd yyyy)

To the Governing Body of the: ☐ Town of } Mukwonago
☒ Village of }
☐ City of }

County of Waukesha Aldermanic Dist. No. _____
(if required by ordinance)

Check one: ☐ Individual ☒ Limited Liability Company
☐ Partnership ☐ Corporation/Nonprofit Organization

Applicant's Wisconsin Seller's Permit Number	
FEIN Number <u>87-3832967</u>	
TYPE OF LICENSE REQUESTED	FEE
☐ Class A beer	\$
☒ Class B beer	\$
☐ Class C wine	\$
☐ Class A liquor	\$
☐ Class A liquor (cider only)	\$ N/A
☒ Class B liquor	\$
☐ Reserve Class B liquor	\$
☐ Class B (wine only) winery	\$
Publication fee	\$ <u>25.00</u>
TOTAL FEE	\$

Name (individual / partners give last name, first, middle; corporations / limited liability companies give registered name)
SANDY'S MILLER TIME LLC

An "Auxiliary Questionnaire," Form AT-103, must be completed and attached to this application by each individual applicant, by each member of a partnership, and by each officer, director and agent of a corporation or nonprofit organization, and by each member/manager and agent of a limited liability company. List the full name and place of residence of each person.

President / Member Last Name	(First)	(Middle Name)	Home Address (Street, City or Post Office, & Zip Code)
Vice President / Member Last Name	(First)	(Middle Name)	Home Address (Street, City or Post Office, & Zip Code)
Secretary / Member Last Name	(First)	(Middle Name)	Home Address (Street, City or Post Office, & Zip Code)
Treasurer / Member Last Name	(First)	(Middle Name)	Home Address (Street, City or Post Office, & Zip Code)
Agent Last Name	(First)	(Middle Name)	Home Address (Street, City or Post Office, & Zip Code)
<u>Anspach</u>	<u>Brian</u>	<u>A</u>	<u>[REDACTED]</u>
Directors / Managers Last Name	(First)	(Middle Name)	H

- Trade Name Sandy's Miller Time Business Phone Number 262-363-3843
- Address of Premises 701 MAIN ST. Post Office & Zip Code MUKWONAGO WI 53149
- Premises description: Describe building or buildings where alcohol beverages are to be sold and stored. The applicant must include all rooms including living quarters, if used, for the sales, service, consumption, and/or storage of alcohol beverages and records. (Alcohol beverages may be sold and stored only on the premises described.)
Walkin Cooler upstairs, 1/2 cooler for 1/2 Barrels downstairs
- Legal description (omit if street address is given above): _____
- (a) Was this premises licensed for the sale of liquor or beer during the past license year? ☒ Yes ☐ No
(b) If yes, under what name was license issued? Sandy's Miller time

6. Is individual, partners or agent of corporation/limited liability company subject to completion of the responsible beverage server training course for this license period? **If yes, explain** ☐ Yes ☒ No
7. Is the applicant an employee or agent of, or acting on behalf of anyone except the named applicant? ☐ Yes ☒ No
If yes, explain.
8. Does any other alcohol beverage retail licensee or wholesale permittee have any interest in or control of this business? **If yes, explain** ☐ Yes ☒ No
9. (a) **Corporate/limited liability company applicants only:** Insert state _____ and date _____ of registration.
- (b) Is applicant corporation/limited liability company a subsidiary of any other corporation or limited liability company? **If yes, explain** ☐ Yes ☒ No
- (c) Does the corporation, or any officer, director, stockholder or agent or limited liability company, or any member/manager or agent hold any interest in any other alcohol beverage license or permit in Wisconsin? **If yes, explain.** ☐ Yes ☒ No
10. Does the applicant understand they must register as a Retail Beverage Alcohol Dealer with the federal government, Alcohol and Tobacco Tax and Trade Bureau (TTB) by filing (TTB form 5630.5d) before beginning business? [phone 1-877-882-3277] ☒ Yes ☒ No
11. Does the applicant understand they must hold a Wisconsin Seller's Permit? [phone (608) 266-2776] ☒ Yes ☐ No
12. Does the applicant understand that they must purchase alcohol beverages only from Wisconsin wholesalers, breweries and brewpubs? ☒ Yes ☐ No

READ CAREFULLY BEFORE SIGNING: Under penalty provided by law, the applicant states that each of the above questions has been truthfully answered to the best of the knowledge of the signer. Any person who knowingly provides materially false information on this application may be required to forfeit not more than \$1,000. Signer agrees to operate this business according to law and that the rights and responsibilities conferred by the license(s), if granted, will not be assigned to another. (Individual applicants, or one member of a partnership applicant must sign; one corporate officer, one member/manager of Limited Liability Companies must sign.) Any lack of access to any portion of a licensed premises during inspection will be deemed a refusal to permit inspection. Such refusal is a misdemeanor and grounds for revocation of this license.

Contact Person's Name (Last, First, M.I.) <i>Michael Fehr</i>	Title/Member <i>President</i>	Date <i>12-3-21</i>
Signature <i>[Signature]</i>		Email Address

TO BE COMPLETED BY CLERK

Date received and filed with municipal clerk <i>12/3/21</i>	Date reported to council / board <i>1/5/22</i>	Date provisional license issued	Signature of Clerk / Deputy Clerk
Date license granted	Date license issued	License number issued	

Date of this notice: 12-03-2021

Employer Identification Number:
87-3832967

Form: SS-4

Number of this notice: CP 575 G

For assistance you may call us at:
1-800-829-4933

SANDYS MILLER TIME LLC
SANDYS MILLER TIME
% MICHAEL S FOHR SOLE MBR
701 MAIN ST
MUKWONAGO, WI 53149

IF YOU WRITE, ATTACH THE
STUB AT THE END OF THIS NOTICE.

WE ASSIGNED YOU AN EMPLOYER IDENTIFICATION NUMBER

Thank you for applying for an Employer Identification Number (EIN). We assigned you EIN 87-3832967. This EIN will identify you, your business accounts, tax returns, and documents, even if you have no employees. Please keep this notice in your permanent records.

When filing tax documents, payments, and related correspondence, it is very important that you use your EIN and complete name and address exactly as shown above. Any variation may cause a delay in processing, result in incorrect information in your account, or even cause you to be assigned more than one EIN. If the information is not correct as shown above, please make the correction using the attached tear off stub and return it to us.

A limited liability company (LLC) may file Form 8832, *Entity Classification Election*, and elect to be classified as an association taxable as a corporation. If the LLC is eligible to be treated as a corporation that meets certain tests and it will be electing S corporation status, it must timely file Form 2553, *Election by a Small Business Corporation*. The LLC will be treated as a corporation as of the effective date of the S corporation election and does not need to file Form 8832.

To obtain tax forms and publications, including those referenced in this notice, visit our Web site at www.irs.gov. If you do not have access to the Internet, call 1-800-829-3676 (TTY/TDD 1-800-829-4059) or visit your local IRS office.

IMPORTANT REMINDERS:

- * Keep a copy of this notice in your permanent records. **This notice is issued only one time and the IRS will not be able to generate a duplicate copy for you.** You may give a copy of this document to anyone asking for proof of your EIN.
- * Use this EIN and your name exactly as they appear at the top of this notice on all your federal tax forms.
- * Refer to this EIN on your tax-related correspondence and documents.

If you have questions about your EIN, you can call us at the phone number or write to us at the address shown at the top of this notice. If you write, please tear off the stub at the bottom of this notice and send it along with your letter. If you do not need to write us, do not complete and return the stub.

Your name control associated with this EIN is SAND. You will need to provide this information, along with your EIN, if you file your returns electronically.

Thank you for your cooperation.



Agenda Cover Report

Date: 12/22/21	Committee/Board: Public Works Committee
Submitted by: Ron Bittner	Department: Public works
Date of Committee Action: 1/5/22	Date of Village Board Action: 1/19/22

Subject:

Village enrollment into the Waukesha County Adopt a Drain program.

Executive Summary:

The Public Works Department would like to enroll the village into the Waukesha County Adopt a Drain program. The program is an educational and outreach program used to help participants understand the ramifications of pollutants entering the state waterways via a municipal storm system. Each participant will need to fill out a liability waver and minors will need the form signed by all parents and/or legal guardians.

Fiscal Impact:

The village will need to supply a digitized storm system map or the program

Executive Recommendation/Action:

We are requesting a recommendation to the village board to allow the village's participation in the Waukesha County Adopt a Drain program.

☐ **Attachments Included**

Adopt a Drain Program Website Information

Material collection dashboard.

Liability Wavier.

Adopt A Drain Program

Do you have 15 minutes twice a month to help protect our lakes and rivers? Consider adopting a storm drain! Adopters are asked to clean the surface of their storm drain twice a month and report the quantity and composition of debris removed.

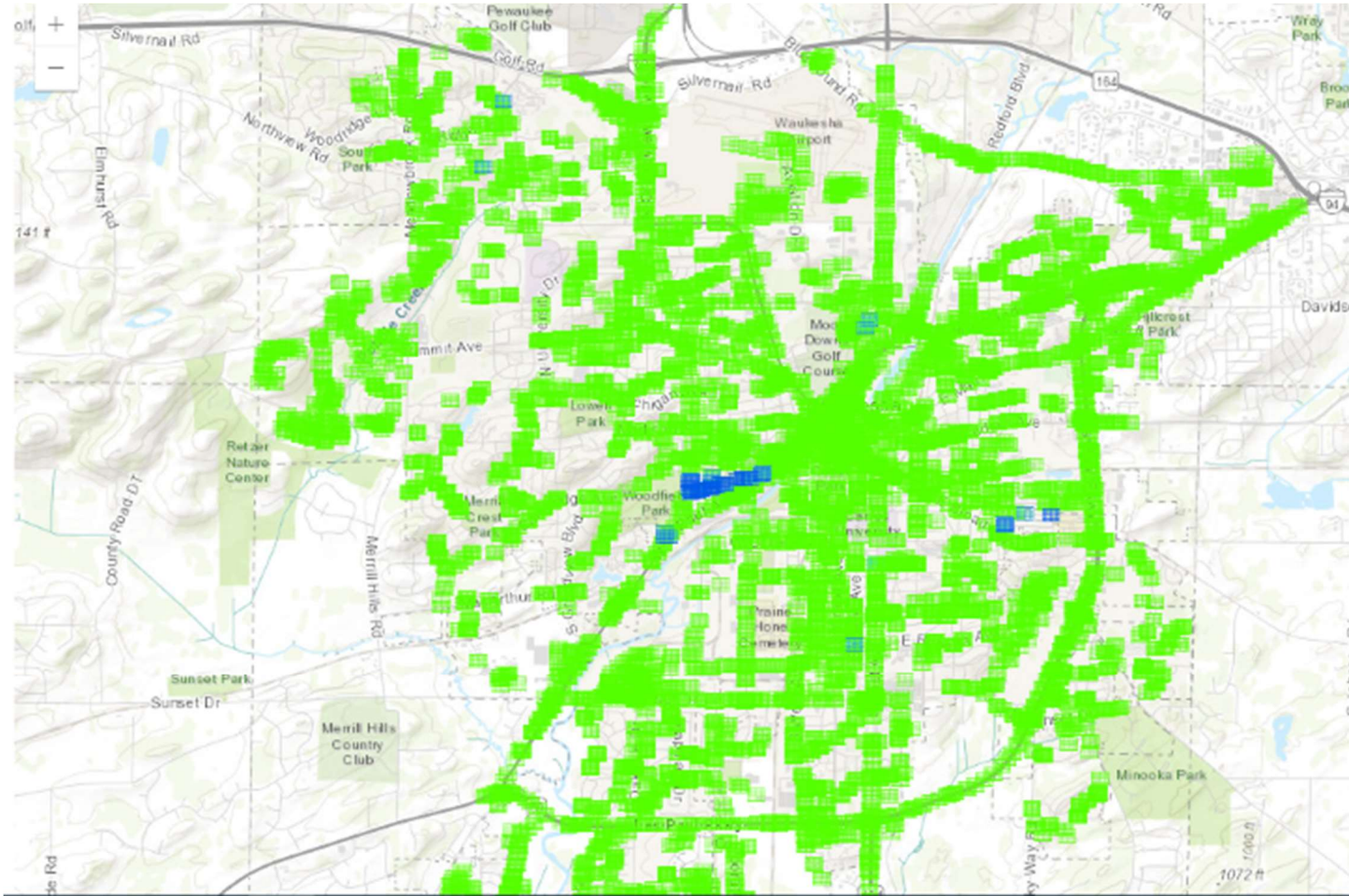


Join this brand new program now available in the City of Waukesha, City of Pewaukee, and City of Oconomowoc. You're only 3 steps away from making a difference!

1. Find a drain by clicking on the map below and complete the requested information. Adopters will receive a storm drain marker, safety vest, and quarterly email reminders and news
2. Twice a month, clean around your storm drain. Safety first...Here's how! Watch the [short video](#) to the right.
3. Report your work! Click on the map below and select "report cleaning activity." Fill in the date of your collection; as well as the weight and type of materials collected. Pat yourself on the back and know you have made a difference for our lakes and rivers!

To report a problem with your drain contact water@waukeshacounty.gov

**Click the map below to:
Adopt a Drain or Record a Cleaning**



Twice a month, clean around your storm drain.
Safety first...Here's how!

1. Gather your supplies:
 - Your safety vest
 - Your broom and a dustpan
 - Your gloves
 - Your choice of bucket or bag to put removed material in
2. Think safety first—wear the safety vest provided. If possible, have a second person help. The person wearing the vest should remain standing and vigilantly watch traffic while the other person performs the cleaning. Remember that your head is down while you are cleaning, so it is impossible to keep your eyes on approaching cars.

3. **Never remove the grate** – cleaning should only be done on the surface and around the grate. Never attempt to remove the grate or reach inside. If the drain seems plugged, contact your city, town, or village’s public works department.
4. Busy streets – it is best to adopt drains on local residential streets. Avoid busy streets.
5. Only rain down the drain. To keep pollutants from washing into the drain during rain events, clear the curb area around the storm drain as well as the sidewalk.
6. Weigh your collected material for reporting. If you don’t have a scale, you can estimate the weight.
7. Separate and dispose of material collected:
 - Remove all recyclable material and place in a recycle bin.
 - Compost leaves, grass, and sticks.
 - Place everything else in the trash.
8. Report your work! Click on the map below and select “report cleaning activity.” Fill in the date of your collection; as well as, the weight and type of materials collected.
9. Pat yourself on the back and know you have made a difference!

News

[Adopt-A-Drain Dispatch Winter 2021-2022](#)

If you have any technical questions, please contact Jayne at (262) 896-8300 or by [email](#).

Business Hours: 8:00 am - 4:30 pm Monday - Friday (excluding holidays)

[515 W. Moreland Blvd., Waukesha, WI 53188](#)

Room AC 260 - (262) 896-8300

[Staff Contacts](#)

Drains Adopted



Monthly Cleaning Reports

Date: 12/1/2021, 12:00 AM

Material_Organic N

Material_Paper N

Material_Plastic N

Material_Metal N

Material_Cigs N

Material_Other N

Material_Comments

Recycle No

Basin_ID 3,849

Weight 0.00

Total Adopters

129 

Debris removed
1,053.75 
Total lbs.

Total Recorded Drain Cleaning Visits

1,276 

Organic Matter?



Metal?



Plastic?



Paper?



Cigarette Butts?



Other Material?





Adopt-A-Drain Application

NAME: _____

MAILING ADDRESS: _____

EMAIL ADDRESS: _____

NAME FOR STORMDRAIN: _____

BY SIGNATURE BELOW, I ACKNOWLEDGE THE HAZARDOUS NATURE OF THE WORK IN THE ADOPT-A-DRAIN PROGRAM AND AGREE TO THE TERMS & CONDITIONS PROVIDED BELOW. I ALSO ACKNOWLEDGE THAT I HAVE WATCHED THE VIDEO ON HOW TO SAFELY CLEAN A STORM DRAIN.

AUTHORIZED SIGNATURE: _____ DATE: _____

TERMS AND CONDITIONS

In consideration for participation in Waukesha County's Adopt-A-Drain Program ("Program") , I hereby agree to the following:

1. I understand that:

- a. The purpose of the Adopt-A-Drain Program is to foster volunteerism that reduces polluted runoff from reaching our waterways.
- b. Participation in the program is voluntary.
- c. Participating in the program, including working outdoors in the elements and the use of tools and equipment, is a potentially hazardous activity. The risks include, but are not limited to, those caused by terrain, temperature, weather, condition and use of equipment, automobile, bike/pedestrian traffic, actions of others, and lack of hydration.
- d. The physical labor activities I will undertake throughout the Program involve a risk of injury (including but not limited to cuts, scrapes, eye safety hazards, etc...) and even death.
- e. I am not to be considered an officer, employee, or agent of Waukesha County. Any inquiries regarding the work conducted under the Program, will be referred to Waukesha County.
- f. I need to maintain my own medical, disability and life insurance sufficient to cover any expenses and damages that I, or my family, may incur, including injury, disability or death.

2. I will:

- a. Review safety rules and watch safety video before cleaning around the storm drain.
- b. Wear the County provided safety vest at all times.
- c. Follow the directions provided for clearing storm drains. This includes NEVER trying to remove a storm drain grate and NEVER cleaning inside the storm drain.
- d. Complete cleaning twice a month using my own tools (broom, rake, dustpan, etc.)
- e. Not pick up litter or perform any maintenance on private property.
- f. Accompany any minor children under the age of 12.

- g. Provide a separate signed waiver for all participants under the age of 18 (provided below).
 - h. Work only during daylight hours in good weather.
 - i. Take caution: if I encounter closed containers or items suspected to be hazardous (dead animals, drug paraphernalia, suspicious looking containers, etc.), do not touch the items! If the item is a suspicious looking container please call 911 immediately. If the item is something less urgent such as drug paraphernalia please call Waukesha County Sheriff's Department non-emergency number at (262) 446-5070.
 - j. Sort collected material into the proper place, either my trash, recycling or compost bin.
 - k. Estimate the weight all material collected.
 - l. After each storm drain cleaning, record my activity and data into the database provided by Waukesha County.
 - m. Not be permitted to solicit information from the public.
3. **Waukesha County will:**
- a. Provide a safety vests and storm drain marker with adhesive for use in the Program.
 - b. Provide access to a database for the recording of storm drain maintenance activities.
4. I hereby waive, release, and forever discharge Waukesha County and its officers, elected officials, boards, employees, agents, representatives and all partner municipalities including the City of Waukesha, City of Pewaukee, City of Oconomowoc, Village of Sussex, Village of Mukwonago and others from any and all responsibilities or liability for injuries (including death), damages or loss including claims or causes of action, including those caused by the negligent acts or omissions of any of those mentioned, in any way resulting from or in connection with my participation in the Program.
5. **AUTHORIZATION TO TAKE AND USE PHOTO/VIDEO & RELEASE OF CLAIMS**
I hereby grant permission to Waukesha County Department of Parks and Land Use and its elected officials, employees, representatives, licensees and assigns (hereinafter "the County") **to the rights of my image, likeness, or depiction** and/or that of my minor children (if applicable). I understand that my image may be edited, copied, exhibited, published or distributed for purposes including, but not limited to, educational, advertising, and other promotional activities. I hereby fully and forever discharge and release the County from any claim for royalties, compensation, or damages of any kind arising out of the use or publication of photographs of me and/or those of my minor children (if applicable) by the County.
6. When I no longer wish to take care of my storm drain, I will notify the county at water@waukeshacounty.gov and return the safety vest to Waukesha County at: 515 W Moreland Blvd, AC260, Waukesha. Alternatively, if my account has not logged any data in the previous 6 months, the County will put my storm drain up for adoption and request the return of the safety vest.

LIABILITY WAIVER AND RELEASE FORM (MINOR CHILD)

THIS IS A RELEASE OF LEGAL RIGHTS-READ AND UNDERSTAND BEFORE SIGNING

- 1. I, the undersigned, hereby certify that I am the adult parent or legal guardian of _____, a minor child under the age of eighteen years old, and I consent to his/her participation in the Waukesha County Adopt-A-Drain Program (the "Program").
- 2. I understand and acknowledge that I am fully aware of and assume the risks of said minor child's participation in the Program, including but not limited to the risk of serious bodily injury, property loss or damage, regardless of severity.
- 3. In consideration for my child being permitted to take part in the Program, I assume the risks of my child's participation in the Program with the full understanding of such potential risks and expressly waive, release and discharge Waukesha County and all Waukesha County officers, agents, employees and elected officials (the "Releasees") and partner municipalities from any and all claims, costs, expenses or liabilities (including those involving death, disability, personal injury or property damage) arising out of or relating to my child's

participation in the Program, whether caused, in whole or in part, by the sole or concurrent negligence (whether active or passive) or wrongdoing, strict liability or fault of Releasees or otherwise ("Claims"). I further hereby agree to indemnify and hold harmless the Releasees from any and all third-party claims caused in whole or in part by my child's actions during his/her participation in the Program.

4. It is my express intent that this Liability Waiver and Release Form shall bind the members of my family and spouse if I am alive, and my heirs, assigns and personal representative if I am deceased, and shall be deemed as a release, waiver, discharge and covenant not to sue the Releasees.
5. I acknowledge that I need to maintain my own medical, disability and life insurance sufficient to cover any expenses and damages that I, or my family, may incur, including injury, disability or death.
6. I consent to emergency medical care and transportation in order to obtain treatment in the event of injury to my child as medical professionals may deem appropriate. The above release extends to any liability arising out of or in any way connected with the medical treatment and transportation provided in the event of an emergency. I agree to be responsible for all necessary charges incurred by any transportation, hospitalization or treatment rendered to my child pursuant to this agreement.
7. I recognize and acknowledge that there are certain risks of physical injury to participants in the Program and I voluntarily agree to assume the full risk of my child's participation in the Program, including but not limited to any and all injuries, damages or loss, regardless of severity. I do hereby fully release and forever discharge the Releasees from any and all claims for injuries, illnesses, damages, expenses or loss which may accrue to my minor child arising out of, connected with, or in any way associated with the Program or related activities.
8. I acknowledge that I have carefully read, accepted and agreed to the terms of this Liability Waiver and Release and know and fully understand its content and I sign the same on my own free act and deed. I have had any questions regarding its effect of the meaning of its terms answered to my satisfaction, all prior to its execution, and agree to those terms freely and voluntarily without any inducement or compulsion. I intend my signature to be a complete and unconditional release of all liability to the greatest extent allowed by law. This release and waiver shall be binding upon me and my heirs, legal representatives and assigns.
9. The undersigned further agrees that this Liability Waiver and Release is intended to be as broad and inclusive as permitted by law in the State of Wisconsin, and that if any portion hereof is found invalid, it is agreed that the balance shall, notwithstanding, continue in full force and effect.

For minors, all legal guardians agree to the conditions in this waiver and an adult waiver from the child must be completed again once the minor turns 18 years old.

I, the parent or legal guardian of the minor child, hereby give my approval to this child's participation in the Program and related activities. I acknowledge I have carefully read, accepted and agreed to the above-stated terms of this Liability Waiver and Release, and know and understand its contents.

CHILD NAME (PRINTED) _____

DATE OF BIRTH (CHILD) _____

PARENT OR GUARDIAN NAME (PRINTED) _____

PARENT OR GUARDIAN SIGNATURE _____ DATE _____

I, the parent or legal guardian of the minor child, hereby give my approval to this child's participation in the Program and related activities. I acknowledge I have carefully read, accepted and agreed to the above-stated terms of this Liability Waiver and Release, and know and understand its contents.

CHILD NAME (PRINTED)_____

DATE OF BIRTH (CHILD)_____

PARENT OR GUARDIAN NAME (PRINTED)_____

PARENT OR GUARDIAN SIGNATURE_____ DATE_____

I, the parent or legal guardian of the minor child, hereby give my approval to this child's participation in the Program and related activities. I acknowledge I have carefully read, accepted and agreed to the above-stated terms of this Liability Waiver and Release, and know and understand its contents.

CHILD NAME (PRINTED)_____

DATE OF BIRTH (CHILD)_____

PARENT OR GUARDIAN NAME (PRINTED)_____

PARENT OR GUARDIAN SIGNATURE_____ DATE_____

I, the parent or legal guardian of the minor child, hereby give my approval to this child's participation in the Program and related activities. I acknowledge I have carefully read, accepted and agreed to the above-stated terms of this Liability Waiver and Release, and know and understand its contents.

CHILD NAME (PRINTED)_____

DATE OF BIRTH (CHILD)_____

PARENT OR GUARDIAN NAME (PRINTED)_____

PARENT OR GUARDIAN SIGNATURE_____ DATE_____



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: Banner Program – Final Designs
Date: December 27, 2021

Village Board,

This memo is to provide you with a summary of the final recommended banner designs for the downtown area. The Downtown Development Committee has worked with the designer to come up with some unique banners to promote the downtown area. The banners fit into three classification types which are welcome banners, seasonal banners, and event banners.

Welcome Banners

The welcome banners consist of four designs.

- **Welcome:** This banner is the main welcome sign and introduces the concepts of activities to do within the town area such as Dine, Shop, and Play
- **Dine, Shop, Play:** These banners continue the main theme from the welcome sign and emphasize each activity with the “key” word and a basic “symbol graphic” to reinforce the concept.
- **Make Downtown Yours.** Each of the banners reinforces the concept of make downtown yours. This slogan provides and action to individuals, as well as, providing the concept that each person can make downtown a place for them.

Seasonal Banners

The second set of banners are a series of four seasonal banners.

- **Winter, Spring, Summer, and Fall:**
 - Each of these four banners provide the message “Enjoy _____”.
 - Reinforces the slogan make downtown yours, and
 - Has a seasonal image, such as snow, tulips, fireworks, and pumpkins.

Event Banners:

Part of our contract was for the designer to develop a template that could be use for each of the main festivals / special events. The designers when ahead and took the template one step further and provided graphics for the following: Balloon Fest, Mukwonago Farmers Market, Mukwonago Fall Fest, Midnight Magic, and Summer Feste.

- **Template Design:** The template design provides the following:
 - Event name at top of banner
 - Date as the second line
 - Sponsorship at bottom of banner.
 - General Graphic representing the event.

Samples:

Two samples of the welcome banners have been ordered and are anticipated to arrive the 2nd week of January. We plan to have one banner at the January 19th Village Board Meeting and the 2nd Banner will be installed on a bracket by public work for the board to view prior to action on the 19th.

Locations:

The design concept for the location of each banner is as follows:

Rochester Street (heading north from RR)

- Welcome Banners from RR to Blood
- Seasonal Banners from Blood to Meacham
- Dine, Shop, Play from Meacham to Square
- Welcome Banner at Square
- Dine Shop Play from Square to about Fork in the Road/ Elmwood.
- Seasonal Banners from Fork in the Road / Elmwood to Pearl
- Welcome Banners from Pearl to Park

Main Street / Fox Street (heading north from river towards Maple St)

- Welcome Banners from River to Blood
- Seasonal Banners from Blood to Meacham
- Dine, Shop, Play from Meacham to Square
- Welcome Banner at Square
- Dine Shop Play from Square to about the curve
- Seasonal Banners from curve to Cedar
- Welcome Banners from Cedar to Maple

Recommendations – Next Steps:

The Downtown Development Committee and staff recommend the Village Board approve the designs for the welcome signs and seasonal signs, as well as the template for the special event signs.

Following approval by the board staff will order welcome signs and seasonal signs. We anticipate that the welcome signs and spring signs will be installed this spring as weather permits.

WELCOME



Make DOWNTOWN Yours

DINE.

SHOP.

PLAY.

67

DINE



MUKWONAGO



MAKE DOWNTOWN **68** HOURS

SHOP



MUKWONAGO



MAKE DOWNTOWN **69** HOURS

PLAY



MUKWONAGO



make downtown **70** years

A close-up of a pine branch heavily coated in white frost, set against a soft, out-of-focus background of more branches and a light blue sky.

Enjoy
Winter

**Make
DOWNTOWN
Yours**



make DOWNTOWN **71** **Yours**

Enjoy
Spring

Make
DOWNTOWN
Yours



MAKE DOWNTOWN YOURS

72

Enjoy
Summer

**Make
Downtown
Yours**



make downtown

73

Yours

Enjoy
Fall

make
DOWNTOWN
yours



make DOWNTOWN

74

Yrs

Balloons Over Mukwonago

Third Weekend of July

Sponsored By:



MUKWONAGO
AREA CHAMBER OF COMMERCE

75



MUKWONAGO Farmers Market

EVERY WEDNESDAY

Sponsored By:



MUKWONAGO
AREA CHAMBER OF COMMERCE

76

Mukwonago Fall Fest

FOURTH WEEK of SEPTEMBER

Sponsored By:



MUKWONAGO
AREA CHAMBER OF COMMERCE

77

Midnight Magic

1st Saturday of December

Sponsored By:



78

Summer Feste

FATHERS DAY WEEKEND



Sponsored By:





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: Wayfinding Color Options
Date: December 27, 2021

Village Board,

This memo is to provide you with a summary of the final recommended for color options for the wayfinding and signage program. The consultant had four color selection provided to the Village. These color samples have been reviewed by staff and the Downtown Development Committee. A scan of these samples is attached, however actual samples will be provided at the meeting.

As a reminder the first set of signage to be installed will be the wayfinding signage, and parking identification signage within the downtown area/ leading into the downtown area.

Color Options:

- | | |
|-----------------------|------------------|
| • Light Brown | MP#70456 |
| • Medium Brown | MP#72709 |
| • Charcoal | MP #00555 |
| • Green | MP#00768 |
| • Plum | MP#00683 |

Recommendations – Next Steps:

The Downtown Development Committee and staff recommend the Village Board approve green MP#00768. The DDC felt that the Green would be the best color.

The committee discussed the other colors and noted that the brown seemed a bit to “national park” and the charcoal would blend away into the shadows, while the Plum did not seem to provide any support. The DDC looked at the Green in from different vantage points and noted that if laying on a table with fluorescent lights the green looked like sage, however when held vertically in natural or artificial light the color sample had a darker appearance.

M

M

M

M

M

Project:

Village of Mukwonago
Brand Signage + Wayfinding

Address:

N/A

Project Number:

2104.01

Date:

11-16-21

Project Manager:

Jeremy Detwiler

Sign Type:

Issued for:

Design Development

No part of this document may be reproduced or utilized in any form, without prior written authorization by Kerestes-Martin Associates, Inc. (DBA, KMA Design)

These drawings are meant for **DESIGN INTENT ONLY** and are not for construction. Contractor shall verify and be responsible for all dimensions and conditions of the job. Contractor shall be familiar with the site and conditions it presents. KMA must be notified of any variations from the dimensions and conditions shown on this drawing. Shop drawings and details must be submitted for approval prior to proceeding with fabrication. All copy shall be proofread by client and legal requirements checked by legal department.

Sheet:



ST XX

Primary Entrance Identification

ST XX

Primary Entrance Identification
(End View)

ST XX

Secondary Entrance Identification



ST XX
Tertiary Entrance Identification

ST XX
Tertiary Entrance Identification
(End View)

ST XX
Vehicular Directional

ST XX
Mile Marker Identification

ST XX
Destination Identification

Project: Village of Mukwonago
Brand Signage + Wayfinding

Address: N/A

Project Number: 2104.01

Date: 11-16-21

Project Manager: Jeremy Detwiler

Sign Type:

Issued for: Design Development

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**NOTICE OF PUBLIC HEARING BEFORE THE VILLAGE OF MUKWONAGO
VILLAGE BOARD TO CONSIDER REZONING FOR MUKV2009964004 and
MUKV2009964001 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 January 19, 2022, commencing at 6:30 P.M. or soon thereafter to consider the following matter:

REGARDING: Consideration to a Zoning District Boundary Change (a/k/a Rezoning) from B-2 General Business to B-2 General Business /BMX – Business Mixed Use Overlay

TAX KEY/LOCATION: MUKV2009964004 and MUKV2009964001/ 927 Main Street

APPLICANT: VLAZNIM ISLAMI AKA VIKTOR ISLAMI ZANI ISLAMI
OWNER: VLAZNIM ISLAMI AKA VIKTOR ISLAMI ZANI ISLAMI

LEGAL DESCRIPTION: PARCEL 1 CERT SURV 6920 VOL 58/91 1.36 AC PT NE1/4 SEC 35 T5N R18E R1705/2613

And

PARCEL 1 & PT PARCEL 2 CERT SURV 2798 VOL 20/275 & PT PARCEL B CERT SURV 6450 VOL 53/234 PT NE1/4 SEC 35 T5N R18E; COM NW COR NE1/4 SEC 35; S00°12'50"E 1682.70 FT; N76°00'04"W 1.06 FT TO ELY LI WEPCO R/W; N29°39'54"E 124.63 FT THE BGN; N29°39'54"E 50.90 FT TO BEG OF CURVE; NELY ALG CURVE RADIUS 4005.88 FT; CTRL ANGLE OF 01°35'234" LONG CHORD BEARING N30°27'36"E & LONG CHORD DISTANCE OF 111.17 FT FOR AN ARC DISTANCE OF 111.11 FT; S76°40'58"E 431.56 FT TO POINT ON WLY R/W MAIN ST; S13°59'56"W 155.00 FT; N76°00'04"W 478.88 FT TO BGN :: DOC# 4150989

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: December 29th 2021 and January 5th 2022.



PLANNING COMMISSION

January 11, 2022 at 6:30pm

Mukwonago, WI

SITE PLAN AND ARCHITECTURAL REVIEW AND CONDITIONAL USE PERMIT

100 Main Street, Suite 100

Parcel Number: MUKV 1976-109-001

Case Summary

Parcel Data

Proposal:	Outdoor Dining
Applicant:	Bee Well Cafe
Request:	Site Plan and Architectural Review Conditional Use Permit for outdoor dining
Staff Recommendation:	Approve with Conditions

Parcel Characteristics / Conditions

Acreage:	0.9123
Current Use:	Fitness Facility
Proposed Use:	Cafe
Reason for Request:	Change of Use
Land Use Classification:	Low Intensity Commercial / Business
Zoning Classification:	B-2 General Business / Village Center Overlay
Census Tract:	2039.01

Public Notice

A public hearing notice was published two times in the Waukesha Freeman, and letters were mailed to surrounding property owners. Public comment as of this date, staff has not received any comments or other communications regarding this proposal.

Site Plan and Architectural Review Request

Architectural/ Site Review

Site Modifications

The applicant is proposing to add three tables and six chairs to the area just in front of the storefront windows. This area is on private property as about ½ of the sidewalk is private while the other ½ of the sidewalk is within the WIDOT right of way.

The applicant has stated “My name is Calaya. I will be opening Bee Well Café @ 100 Main Street Suite 1, Mukwonago, WI in spring of 2022. I ma applying for an outdoor seating permit. I’ve attached the application, check, agreement for reimbursable services and plan above. I’ve also included my menu. The café will be certified green, use all biodegradable and compostable materials and have only fresh, organic, healthy foods. I’m proposing outdoor seating 3 tables with 2 chairs each right in front of the building.”

Utilities	No modifications at this time.
Stormwater Management	No modifications at this time.
Wetlands	None
Signage	Will be processed at staff level.
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
Public Works	No concerns
Utilities	No concerns
Police	No concerns
Fire	No concerns
Building Inspection	No concerns
Planning	No concerns

Conditional Use Request

Harmony with Village policies, ordinances, and programs

Applicant has stated NA.

Specific Location within harmony with Village polices, ordinances and programs

Applicant has stated NA.

Potential Adverse Impact on surrounding:

Applicant has stated NA.

Maintaining consistency within the environs of the property:

Applicant has stated NA.

Adequate Services

Three sets of tables and chairs will be close to ethe budling and not impose in any way.

Benefits of the use outweigh adverse impacts.

Having outdoor Seating will only positively impact the public and help downtown Mukwonago grow.

Hours of Operation:

- 7am-3pm + special event and seasonal hours.

Conditional Use Process / Findings

Review procedures the Plan Commission holds the public hearing and makes a recommendation to the Village Board which makes the final decision.

Following the close of the public hearing, the Plan Commission may recommend (1) approval, (2) approval with conditions, or (3) denial.

If approval is recommended, the Plan Commission can recommend conditions deemed necessary to protect the public health, safety, and welfare. The Plan Commission, in passing on the matter, will need to make the following determinations consistent with Section 100-354 of Mukwonago's zoning regulations:

1. The establishment, maintenance or operation of the conditional use will not be detrimental to or endanger the public health, safety or welfare of the Village.
2. The uses, values and enjoyment of other property in the surrounding neighborhood that are already permitted shall be, in no foreseeable manner, substantially impaired or diminished by the establishment, maintenance or operation of the conditional use.
3. The establishment of the conditional use will not impede the normal and ordinary development and improvement of the surrounding property for uses permitted within the district and/or which are consistent with the standards in the Comprehensive Plan.
4. Adequate utilities, access roads, drainage and other necessary site improvements have been or are being made to accommodate the use.
5. Adequate measures have been taken or will be taken providing ingress and egress to minimize traffic congestion on public streets so as not to diminish the level of service of any intersection which is impacted by traffic arising from the conditional use.

In addition, the property owner / tenant has shown compliance with the requirements set forth in the Village's zoning regulations for the specified use.

The Village Board will carefully review the recommendation of the Plan Commission and concurs with the Plan Commission's findings set forth above, provided the conditional use is operated pursuant to the conditions of approval set forth in this order.

These findings are incorporated into the draft conditional use order which is attached.

The Plan Commission shall approve a conditional use application if the terms and conditions of the zoning regulations are met. However, in the event the terms and conditions of the ordinance are not consented to and complied with by the applicant, the Commission may deny the application. In addition, the Commission may deny the application or place conditions on it if substantial evidence, as defined in §62.23(7) Wis. Stats. is presented. That evidence must demonstrate the inability of the applicant to comply with or meet the conditions of the zoning regulations or that the conditions to be applied by the Plan Commission are necessary to protect the public health, safety or welfare of the community based upon the presentation of substantial evidence. Potential motion for approval Recommend to the Village Board approval of the project as a conditional use as set forth in the attached conditional use order as drafted, provided the Village Attorney approves the final form of the conditional use order.

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 Village planner. 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, a pre-construction meeting must be held with the applicant's representatives and primary contractors, and Village department heads and representatives.
3. 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.
4. 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.
5. All work related to this project must comply with all project plans approved by the Village.
6. The developer must comply with all requirements related to impact fees imposed by the Village.
7. The developer shall comply with all parts of the Municipal Code as it relates to this project.
8. 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.
9. The patio area shall be maintained in a clean state at all times, including cigarette debris, food and trash, etc.
10. Cigarette containers for butts shall be provided to assure a clean patio area, or no smoking signage shall be provided.
11. Patio furniture design and style shall be simple in design, durable, and shall be approved by the Community Planner prior to purchase or installation to assure that it complements the vision of the village center area.
12. Patio fencing design if provided in the future shall be simple in design, durable, and shall be approved by the Community Planner prior to purchase or installation to assure that it complements the vision of the village center area a black or dark colored fence shall be chosen.

13. If umbrellas are to be used at tables, they shall all be matching with regard to design and style, a variety of colors is acceptable. Advertising on the umbrellas is not permitted.
14. Patio Furniture shall be maintained and when worn out replaced, if other designs are selected new designs shall be approved by the Community Planner.
15. Patio furniture shall either be used during winter months or if not used shall be removed from the area to an inside storage area. Stacked or covered items during the winter are not permitted.
16. Any future modification to the site such as modification of building, parking, lighting, grading, retaining walls, fences, etc. shall require Site Plan and Architectural Review.
17. ADA Access shall be maintained within the public sidewalk area dining area.

Conditional Use

Staff Recommends the Planning Commission recommend to the Village Board approval of a conditional use permit as set forth in the attached resolution.

To – Grant a Conditional Use permit for an outdoor dining area following on going conditions deemed necessary to protect the health, safety, and welfare

1. **Ongoing conditions of approval.** The following conditions shall constitute an ongoing obligation:

- a. The patio area shall be located per submitted drawings.
- b. Outdoor food and drink service shall be contained to the patio area.
- c. Signage shall be applied for and approved by the Village prior to installation.
- d. The hours of the patio area shall be 7am-3pm + special event and seasonal hours.

and determining that the conditions are consistent with Section 100-354 of Mukwonago's zoning regulations:

1. The establishment, maintenance or operation of the conditional use will not be detrimental to or endanger the public health, safety or welfare of the Village.
2. The uses, values and enjoyment of other property in the surrounding neighborhood that are already permitted shall be, in no foreseeable manner, substantially impaired or diminished by the establishment, maintenance or operation of the conditional use.
3. The establishment of the conditional use will not impede the normal and ordinary development and improvement of the surrounding property for uses permitted within the district and/or which are consistent with the standards in the Comprehensive Plan.
4. Adequate utilities, access roads, drainage and other necessary site improvements have been or are being made to accommodate the use.
5. Adequate measures have been taken or will be taken providing ingress and egress to minimize traffic congestion on public streets so as not to diminish the level of service of any intersection which is impacted by traffic arising from the conditional use.

Attachments

1. Maps
2. Plans
3. Resolution



Village of Mukwonago GIS
Aerial Photo

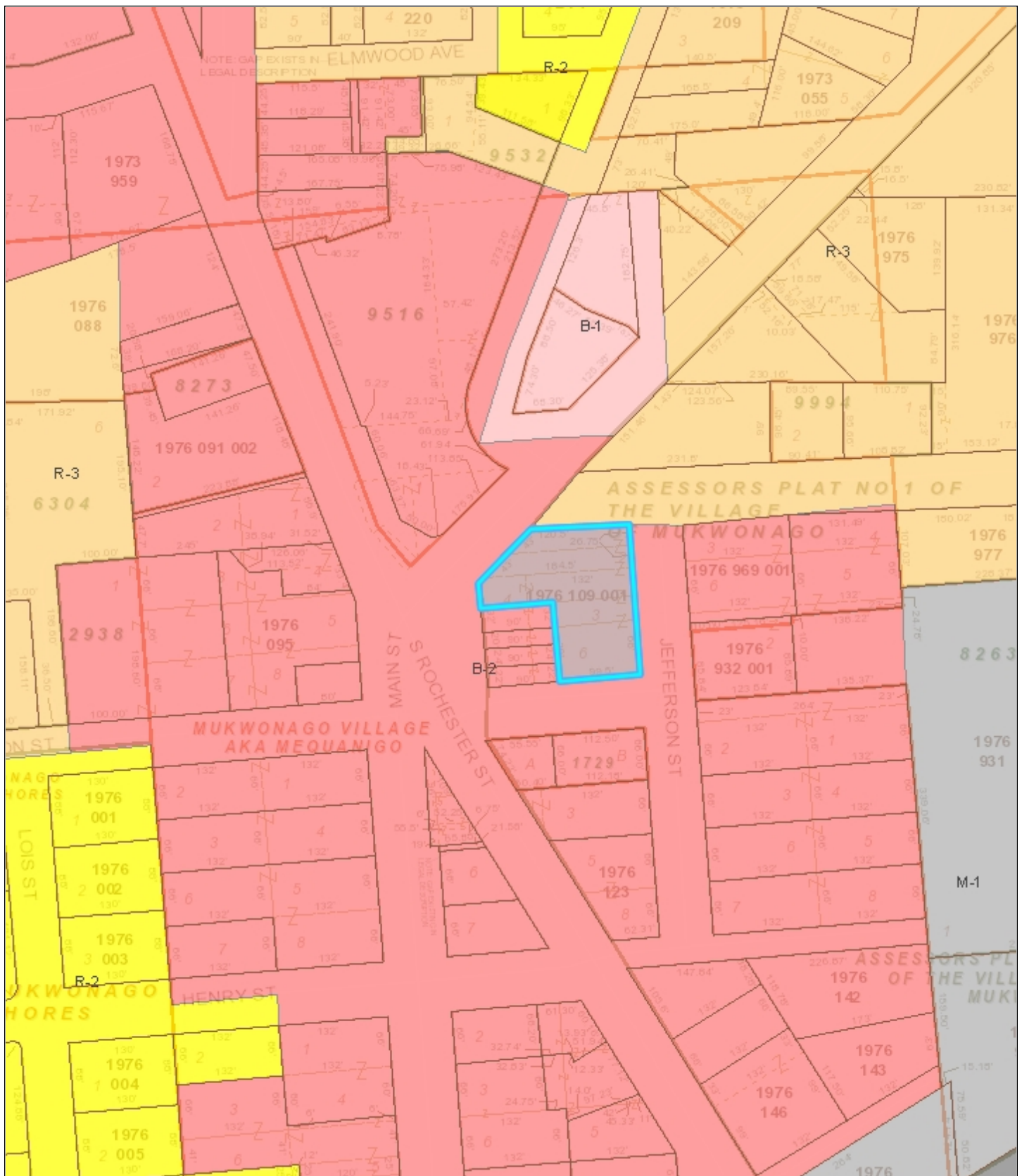
DISCLAIMER: The Village of Mukwonago does not guarantee the accuracy of the material contained here in and is not responsible for any misuse or misrepresentation of this information or its derivatives.



SCALE: 1" = 200'

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

Print Date: 12/1/2021



Village of Mukwonago GIS

Zoning - Bee Well Café

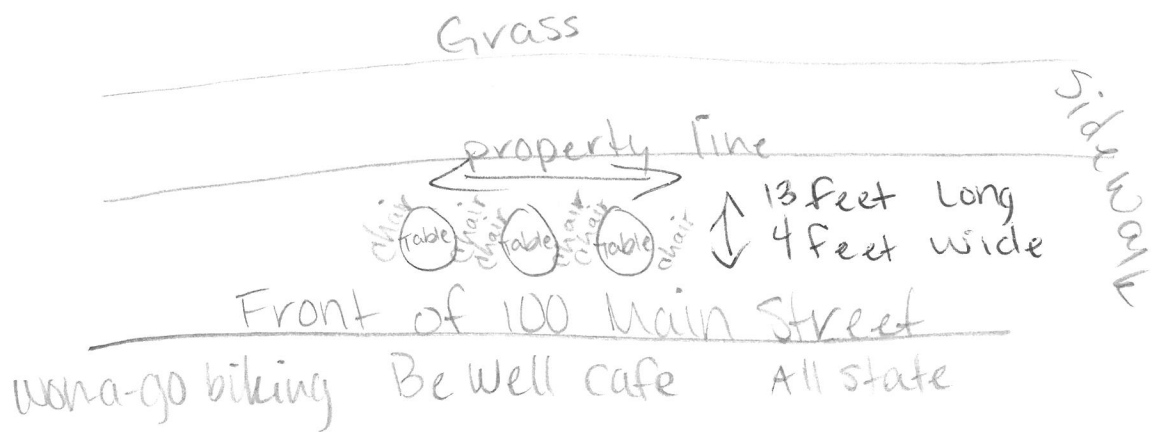
DISCLAIMER: The Village of Mukwonago does not guarantee the accuracy of the material contained here in and is not responsible for any misuse or misrepresentation of this information or its derivatives.



SCALE: 1" = 167'

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

Print Date: 12/1/2021



My name is Calaya. I will be opening Bee Well Cafe @ 100 Main Street Suite 1 Mukwonago, WI in Spring 2022. I am applying ⁵³¹⁴⁹ for an Outdoor Seating permit. I've attached the application, Check, agreement for reimbursable services and plan above. I've also included my menu. The cafe will be certified green, use all biodegradable and compostable materials and have only fresh, organic, healthy foods. I'm proposing Outdoor Seating 3 tables with 2 chairs each right in front of building. I've attached survey

Thanks Calaya Nelson

RESOLUTION 2022-01

**Village of Mukwonago Order Granting a Conditional
Use and Prescribing Conditions for outdoor dining for
Bee Well Cafe for 100 Main Street, Suite 100,
Mukwonago, WI**

WHEREAS, **Bee Well Cafe (Calaya Nelson)**
(hereinafter "Business owner") owns the business identified
as 100 Main Street, Suite 1, (hereinafter "subject property")
in the Village of Mukwonago, and

WHEREAS, **BBF Development, LLC (Ray Gooden)**
(hereinafter "property owner") owns the property identified
as 100 Main Street, Suite 1, (hereinafter "subject property")
in the Village of Mukwonago, more particularly described as
follows:

LOT 1 BLK 4 ASSESSORS PLAT NO 1 OF THE
VILLAGE OF MUKWONAGO PT NE1/4 & SE1/4 SEC
26 T5N R18E 0.574 AC DOC# 3369252

WHEREAS, the property owner has, consistent with the
Village of Mukwonago's zoning regulations, submitted a
conditional use application for an outdoor dining area per
Section 100-153 (f) (2), and

WHEREAS, upon receipt of the petition submitted by
the property owner and future purchaser, the Village Clerk
properly referred such petition to the Plan Commission; and

WHEREAS, allowing for required public notice, the Plan
Commission conducted a public hearing on January 11,
2022 to consider the petitioner's request; and

WHEREAS, members of the public in attendance were given ample opportunity to provide comment
regarding the petitioner's request; and

WHEREAS, the Plan Commission passed a motion recommending to the Village Board that the conditional
use be approved subject to certain conditions; and

WHEREAS, the Plan Commission, in passing on the matter, has made the following determinations
consistent with Section 100-354 of Mukwonago's zoning regulations:

1. The establishment, maintenance or operation of the conditional use will not be detrimental to or endanger the public health, safety or welfare of the Village.
2. The uses, values and enjoyment of other property in the surrounding neighborhood that are already permitted shall be, in no foreseeable manner, substantially impaired or diminished by the establishment, maintenance or operation of the conditional use.
3. The establishment of the conditional use will not impede the normal and ordinary development and improvement of the surrounding property for uses permitted within the district and/or which are consistent with the standards in the Comprehensive Plan.
4. Adequate utilities, access roads, drainage and other necessary site improvements have been or are being made to accommodate the use.
5. Adequate measures have been taken or will be taken providing ingress and egress to minimize traffic congestion on public streets so as not to diminish the level of service of any intersection which is impacted

Return to:

Diana Dykstra, Clerk-Treasurer
Village of Mukwonago
440 River Crest Court
Mukwonago, WI 53149

Parcel Number: MUKV 1976-109-001

by traffic arising from the conditional use.

In addition, the property owner and future purchaser has shown compliance with the requirements set forth in the Village's zoning regulations for the specified use.

WHEREAS, the Village Board has carefully reviewed the recommendation of the Plan Commission and concurs with the Plan Commission's findings set forth above, provided the conditional use is operated pursuant to the conditions of approval set forth in this order.

NOW THEREFORE, IT IS HEREBY DETERMINED AND ORDERED AS FOLLOWS:

1. **Authorized uses.** Subject to the terms and conditions of this approval and the sections of the zoning code that apply, the property owner is authorized to add additional landscaping to the site, a retaining wall, and vacuum stalls.
2. **Issuance of permit required.** The zoning administrator is authorized to issue the property owner a conditional use permit when all conditions enumerated in section 3 have been satisfied to his or her satisfaction. Such permit is the last approval before the property owner/tenant can begin to establish the use as authorized herein.
3. **Initial conditions of approval.** The following conditions shall be satisfied prior to the issuance of the conditional use permit:
 - a. The property owner must submit site/architectural plans to the Village for review and obtain approval of the same within 9 months of the date of this decision.
 - b. The property owner must accept the terms and conditions of this conditional use order in its entirety in writing within 6 months of the date of this decision. Prior to such expiration, the property owner may request an extension to this time period and the Village Clerk may approve an extension with good cause.
 - c. This order must be recorded against the subject property in the Waukesha County register of deeds office (only if subsections 3(a) through 3(b) have been satisfied).

In the event the requirements enumerated in subsections 3(a) and 3(b) above are not satisfied, this order shall automatically be null and void without any further action by the Village of Mukwonago on the aforementioned date.

4. **Ongoing conditions of approval.** The following conditions shall constitute an ongoing obligation:
 - a. The patio area shall be located per submitted drawings.
 - b. Outdoor food and drink service shall be contained to the patio area.
 - c. Signage shall be applied for and approved by the Village prior to installation.
 - d. The hours of the patio area shall be 7am-3pm + special event and seasonal hours.

5. **Expansion or changes.** The conditional use hereby authorized shall be confined to the subject property without extension or expansion. Any expansion or change in use shall require issuance of a new conditional use approval pursuant to the requirements in effect at the time of application.

6. **Modification of property boundary lines.** The property owner shall not change the size and/or shape of the subject property by any means without the approval of the Village Board. If the Village Board determines that a proposed change is substantial with regard to the overall size of the parcel and/or configuration, such change shall require issuance of a new conditional use approval pursuant to the requirements in effect at the

time of application.

7. **Plans and related matters.** Unless otherwise expressly stated herein, plans that are specifically required by this conditional use order may be amended upon the prior approval of the Plan Commission if the Plan Commission finds the amendment to be minor and consistent with the conditional use order and permit. Any change in any plan that the Plan Commission feels, in its sole discretion to be substantial, shall require a new conditional use approval and all procedures in place at the time must be followed.

8. **Inspection.** The property owner shall allow Village of Mukwonago staff, officials, and other authorized agents to inspect the subject property, at any reasonable time and for any proper purpose related to compliance with this conditional use order.

9. **Discontinuance.** Should the conditional use be discontinued in use for 365 consecutive days the use shall be terminated as set forth in the Village of Mukwonago's zoning regulations.

10. **Private rights.** This approval is given under the Village of Mukwonago's zoning regulations and is not to be interpreted to abrogate any private rights other property owners may have pursuant to deed restrictions or restrictive covenants.

11. **Interpretation.** If any aspect of this conditional use order is in conflict with any other aspect of the conditional use order, the more restrictive provisions shall be controlling, as determined by the Plan Commission.

12. **Other permits.** This order shall not be deemed to constitute a building permit, or constitute any other license or permit required by Village ordinance, or other local, state, or federal law.

13. **Severability.** In the event a court of competent jurisdiction determines that a paragraph or phrase of this conditional use order is unlawful, illegal, or unconstitutional, said determination as to the particular phrase or paragraph shall not void the rest of the conditional use order and the remainder shall continue in full force and effect.

14. **Heirs, successors, and assigns.** This conditional use order shall be binding upon the property owner and their heirs, successors, and assigns. Upon a change in ownership, the property owner shall notify the Village Clerk.

15. **Ongoing review.** This conditional use may be reviewed by the Plan Commission with notice to the property owner at any time upon complaint or upon Plan Commission initiative. If it is determined that the authorized use is no longer compatible, or that the provisions of this approval have not been complied with, the Village Board may revoke or amend this order after recommendation by the Plan Commission and holding of a public hearing.

16. **Amendment.** The property owner may propose an amendment to this conditional use order at anytime by submitting a written petition to the Village Clerk, which shall be reviewed pursuant to the requirements in effect at the time of application.

17. **Violation.** Any violation of this order may be treated as a violation of Mukwonago's zoning regulations and each day of each violation of each condition herein shall be treated as a separate violation.

18. **Acceptance.** GRANTEES hereby accept the said Conditional Use Grant and covenant strictly to comply with all the terms and conditions thereof. GRANTEES acknowledge that, in accordance with the provisions of the Zoning Code, failure to comply with any conditions of the Conditional Use Grant is cause for the termination of said Grant by the Village. GRANTEES also acknowledge that approval of the Conditional Use Grant allows the appropriate Village officials to conduct reasonable and routine inspections of the property. This Covenant shall run with the land and shall be binding on the GRANTEES and all persons claiming any estate or interest in the Premises by, through or under the GRANTEES, as long as the said Premises are used as described in the Conditional Use Grant

Approved this 19th day of January 2022.

BY THE VILLAGE BOARD OF THE VILLAGE OF MUKWONAGO

Fred Winchowky, Village President

Attest:

Diana Dykstra, Village Clerk

STATE OF WISCONSIN, WAUKESHA/WALWORTH COUNTY

Personally came before me this ____ day of _____ 2022, the persons described above, Fred Winchowky, Village President, and Diana Dykstra, Village Clerk, to me known to be the persons who executed the foregoing instrument and to me known to be such Village President and Village Clerk of the Village of Mukwonago and acknowledged that they executed the foregoing instrument as such officers of said municipal corporation by its authority and pursuant to the authorization by the Village Board from their meeting on the ____ day of _____, 2022.

NOTARY PUBLIC

My Commission Expires:

The remainder of this page left intentionally blank.

Acceptance by Business Owner

I, **Calaya Nelson** verify that I am an authorized agent for Bee Well Cafe accepts the terms stated herein.

Dated this _____ day of _____, 2022

Calaya Nelson, agent

STATE OF WISCONSIN, WAUKESHA/WALWORTH COUNTY

Personally, came before me this _____ day of _____, 2022, the above-named person, Calaya Nelson to me known to be the person who executed the foregoing instrument and acknowledged the same.

NOTARY PUBLIC

My Commission Expires:

The remainder of this page left intentionally blank.

Acceptance by Property Owner

I, **Ray Gooden** verify that I am an authorized agent for **BBF Development, LLC** accepts the terms stated herein.

Dated this _____ day of _____, 2022

Ray Gooden, agent

STATE OF WISCONSIN, WAUKESHA/WALWORTH COUNTY

Personally, came before me this _____ day of _____, 2022, the above-named person, Ray Gooden to me known to be the person who executed the foregoing instrument and acknowledged the same.

NOTARY PUBLIC

My Commission Expires:

Drafted by John S. Fellows, AICP, Planner, at the direction of the Mukwonago Village Board.

RESOLUTION 2022-02

**RESOLUTION APPROVING SITE PLAN AND ARCHITECTURAL REVIEW
FOR BEE WELL CAFÉ (CALAYA NELSON), APPLICANT
at 100 Main Street Suite 1
Parcel: MUKV 1976-109-001**

WHEREAS, pursuant to Section and 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 outdoor dining area, which application was filed in the office of the Village Clerk, Village of Mukwonago, Wisconsin, and

WHEREAS, the application has been submitted by the Bee Well Café

WHEREAS, Outdoor Dining areas are allowed with a conditional use within the B-2/ Village Center Multi-Purpose Overlay 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 outdoor dining area at **100 Main Street, Suite 1** 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 Village planner. 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, a pre-construction meeting must be held with the applicant's representatives and primary contractors, and Village department heads and representatives.
3. 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.
4. 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.
5. All work related to this project must comply with all project plans approved by the Village.
6. The developer must comply with all requirements related to impact fees imposed by the Village.
7. The developer shall comply with all parts of the Municipal Code as it relates to this project.
8. 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.

9. The patio area shall be maintained in a clean state at all times, including cigarette debris, food and trash, etc.
10. Cigarette containers for butts shall be provided to assure a clean patio area, or no smoking signage shall be provided.
11. Patio furniture design, trash containers, and other patio elements shall be simple in design, durable, have the ability to withstand winds and shall be approved by the Community Planner prior to purchase or installation to assure that it complements the vision of the village center area.
12. Patio fencing design if provided in the future shall be simple in design, durable, and shall be approved by the Community Planner prior to purchase or installation to assure that it complements the vision of the village center area a black or dark colored fence shall be chosen.
13. If umbrellas are to be used at tables, they shall all be matching with regard to design and style, a variety of colors is acceptable. Advertising on the umbrellas is not permitted.
14. Patio Furniture shall be maintained and when worn out replaced, if other designs are selected new designs shall be approved by the Community Planner.
15. Patio furniture shall either be used during winter months or if not used shall be removed from the area to an inside storage area. Stacked or covered items during the winter are not permitted.
16. Any future modification to the site such as modification of building, parking, lighting, grading, retaining walls, fences, etc. shall require Site Plan and Architectural Review.
17. ADA Access shall be maintained within the public sidewalk area dining area.

NOW, THEREFORE, BE IT FURTHER RESOLVED the applicant, upon the approval of this site plan and architectural review shall agree to accept the same in writing.

Passed and dated this 19th day of January 2022.

VILLAGE OF MUKWONAGO

By: _____
Fred Winchowky, Village President

Attest: _____
Diana Dykstra, Village Clerk-Treasurer



PLANNING COMMISSION

January 11, 2022 at 6:30pm
Mukwonago, WI

SITE PLAN AND ARCHITECTURAL REVIEW AND CONDITIONAL USE PERMIT

410 Shore Drive
Parcel Number: MUKV 1976-034

Case Summary

Parcel Data

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

Parcel Characteristics / Conditions

Acreage:	0.2097
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 / Village Center Residential Perimeter Overlay
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 Village planner. 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, a pre-construction meeting must be held with the applicant's representatives and primary contractors, and the Village Inspections Department.
3. 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.
4. 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.
5. All work related to this project must comply with all project plans approved by the Village.
6. The developer must comply with all requirements related to impact fees imposed by the Village.
7. The developer shall comply with all parts of the Municipal Code as it relates to this project.
8. 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.
9. At the time of approval there is one Shade tree located near the intersection of Field St and Shore Drive. This tree provides the required screening from the public right of way as required by Section 100-102 (2) c. If in the future this tree is damaged due to weather, disease, age, etc. and the tree is removed then a new tree shall be planted to maintain the requirements of screening from the public right of way. This requirement shall be required for as long as the solar panels are located on the front side of the structure under current or future ownership.
10. 10. 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 |
|---------|----------|---------------|

October 12, 2021

Modern Mill Solar
3518 Broadway
Fort Wayne, IN 46807

RE: Engineering Services
Smith Residence
410 Shore Drive, Mukwonago, WI
11.4 kW System
Solo Job #1366482

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 Modern Mill 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 :	Gable
Roof Structural System :	Metal Plate Trusses
Truss Top Chord/Setup :	2 x 4 / Fink
Chord/Rafter Wood Grade :	Spruce-Pine-Fir MSR 1650f-1.5E
Truss/Rafter Spacing :	24" o.c.
Roof Slope :	18 deg
Max Top Chord/Rafter Span :	6.86 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 "Ironridge Installation Manual", which can be found on the Ironridge website (<http://ironridge.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
E-38954
BOULDER
CO
PROFESSIONAL ENGINEER

10/12/21

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.



Village of Mukwonago GIS
Aerial Photo 410 Shore Dr. Solar Panels

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: 12/7/2021



Village of Mukwonago GIS
Land Use - 410 Shore Dr. Solar Panels

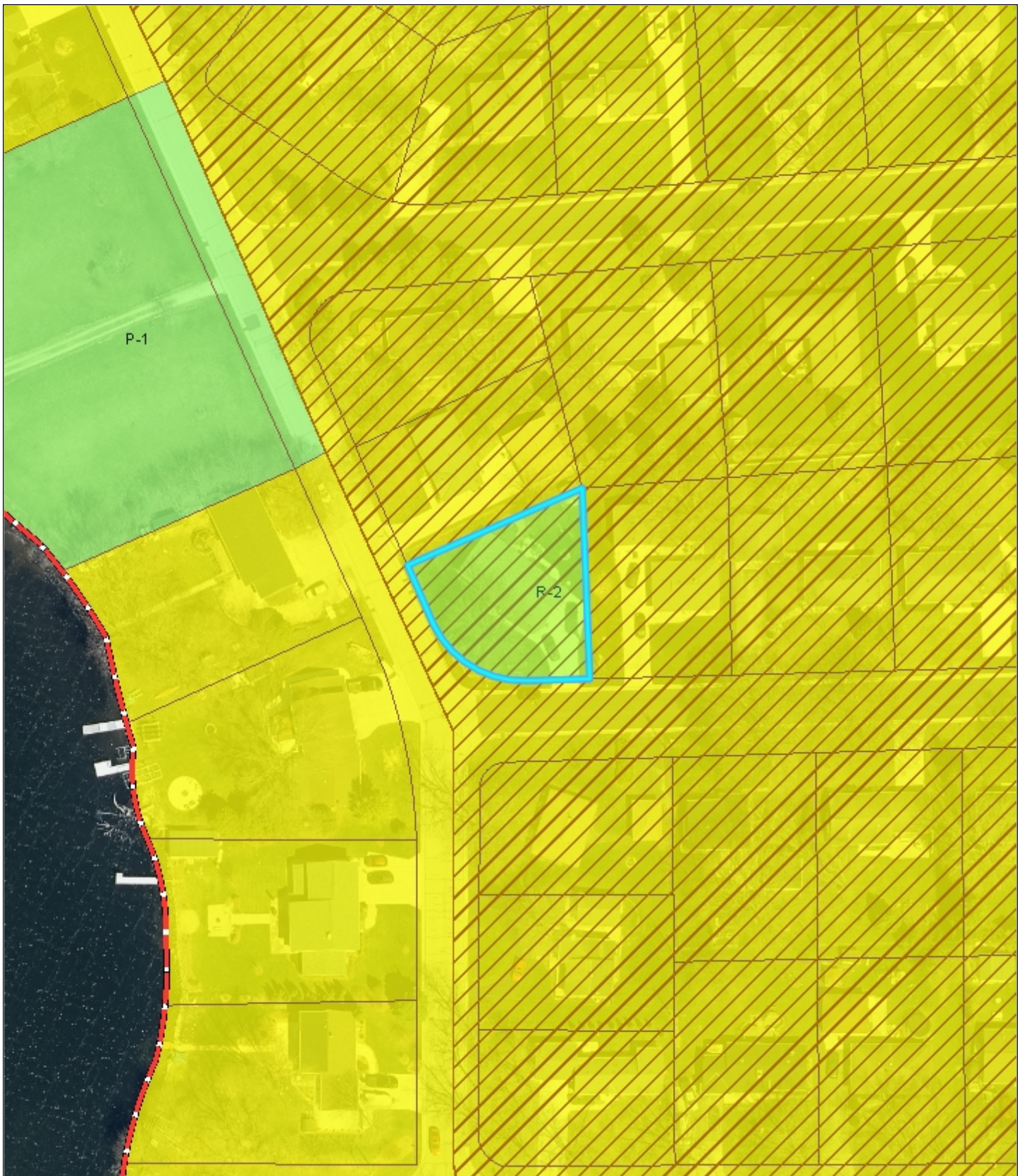
DISCLAIMER: The Village of Mukwonago does not guarantee the accuracy of the material contained here in and is not responsible for any misuse or misrepresentation of this information or its derivatives.



SCALE: 1" = 83 '

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

Print Date: 12/7/2021



Village of Mukwonago GIS
Zoning - 410 Shore Dr. Solar Panels

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: 12/7/2021

AERIAL VIEW:



STREET VIEW:



CONTRACTOR INFORMATION:

MODERN MILL SOLAR
3518 Broadway
Fort Wayne, Indiana 46807
844-440-2880

SITE INFORMATION

Marvin Smith
410 Shore Drive
Mukwonago, WI 53149
AC SYSTEM SIZE: 11.4 kW AC
DC SYSTEM SIZE: 14.06 kW DC
Lat, 42.8600945
Long, -88.3360575999999
(38) Silfab SIL-370 BK PV MODULES

(1) SolarEdge SE11400H-US (240V)
INVERTER(S)
We Energies

GENERAL NOTES

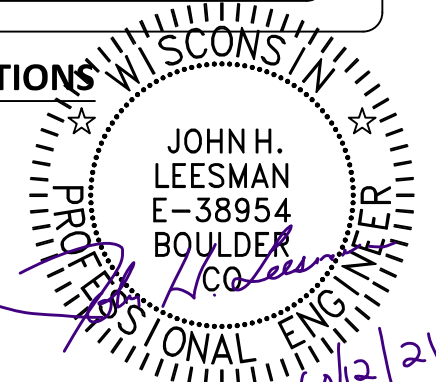
1. INSTALLATION OF SOLAR PHOTOVOLTAIC SYSTEM SHALL BE IN ACCORDANCE WITH NEC ARTICLE 690, AND ALL OTHER APPLICABLE NEC CODES WHERE NOTED OR EXISTING.
2. PROPER ACCESS AND WORKING CLEARANCE AROUND EXISTING AND PROPOSED ELECTRICAL EQUIPMENT WILL COMPLY WITH NEC ARTICLE 110.
3. ALL WIRES, INCLUDING THE 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: 11.4 kW AC
DC SYSTEM SIZE: 14.06 kW DC
(38) Silfab SIL-370 BK PV MODULES
(1) SolarEdge SE11400H-US (240V) INVERTER(S)
RACKING: IronRidge - 48" O.C.

APPLICABLE GOVERNING CODES

2014 NEC
2015 IRC
2015 IFC
2015 IBC



SITE SPECIFICATIONS

OCCUPANCY: R-3
ZONING: RESIDENTIAL

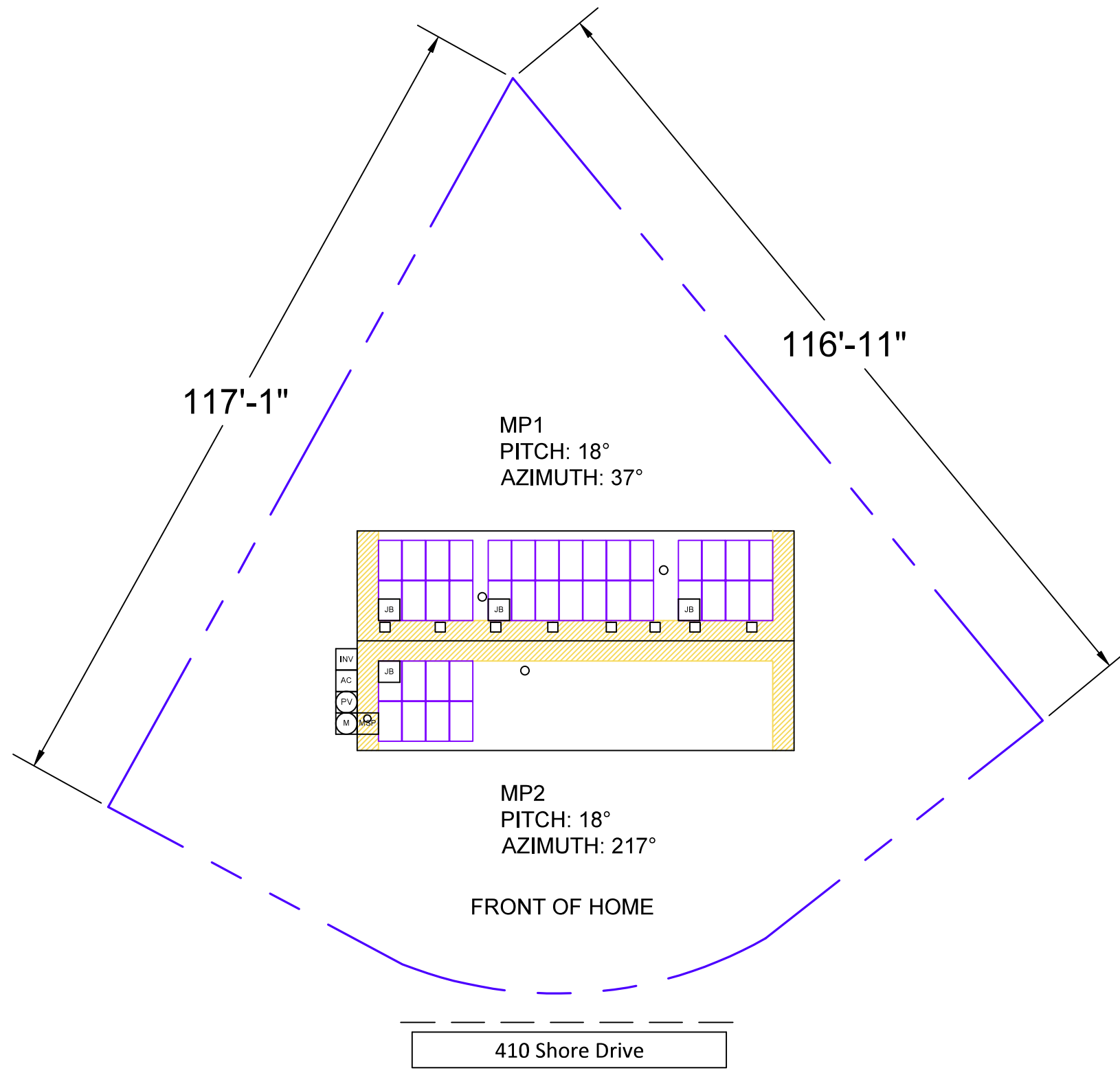
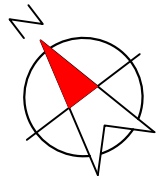
SHEET INDEX:

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:
September 6, 2021

COVER PAGE - PV01

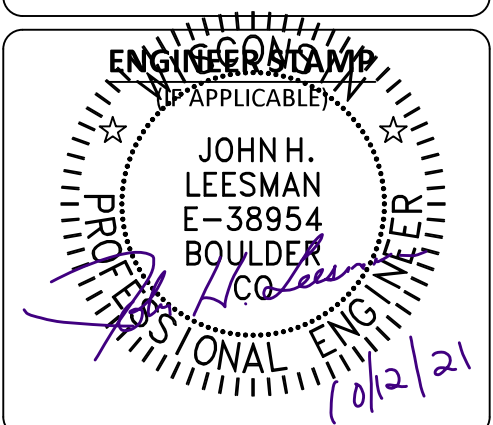


CONTRACTOR INFORMATION:

MODERN MILL SOLAR
3518 Broadway
Fort Wayne, Indiana 46807
844-440-2880

SITE INFORMATION

Marvin Smith
410 Shore Drive
Mukwonago, WI 53149
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Long, -88.3360575999999
(38) Silfab SIL-370 BK PV MODULES
(1) SolarEdge SE11400H-US (240V)
INVERTER(S)
We Energies



EQUIPMENT LEGEND:

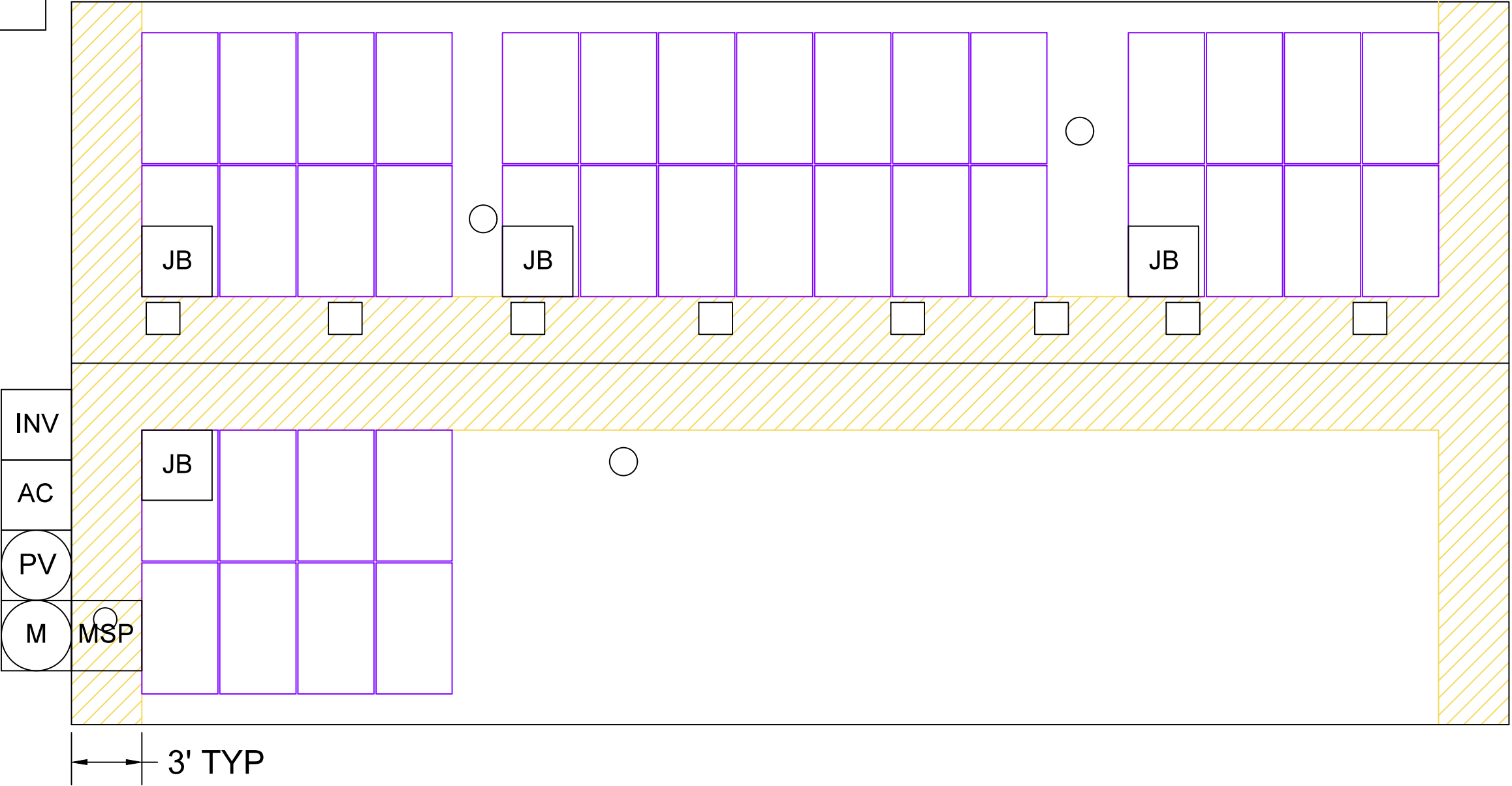
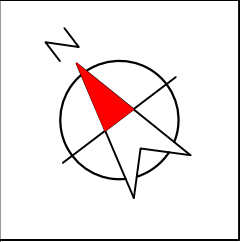
UTILITY METER	VISIBLE, LOCKABLE, LABELED AC DISCONNECT	INVERTER	SUB PANEL	FIRE ACCESS PATHWAY (3' TYP)	BATTERY(IES)
MAIN SERVICE PANEL	METER SOCKET (FOR UTILITY PV METER)	COMBINER BOX	LOAD CENTER	PROPERTY LINE	

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

DRAWN BY: SoloCAD

DATE:
September 6, 2021

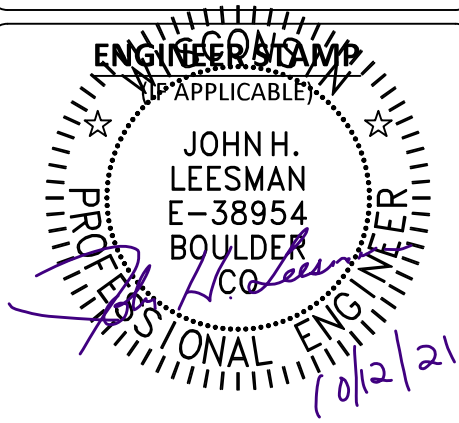
SITE PLAN - PV02



CONTRACTOR INFORMATION:
MODERN MILL SOLAR
3518 Broadway
Fort Wayne, Indiana 46807
844-440-2880

SITE INFORMATION

Marvin Smith
410 Shore Drive
Mukwonago , WI 53149
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(38) Silfab SIL-370 BK PV MODULES
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INVERTER(S)
We Energies

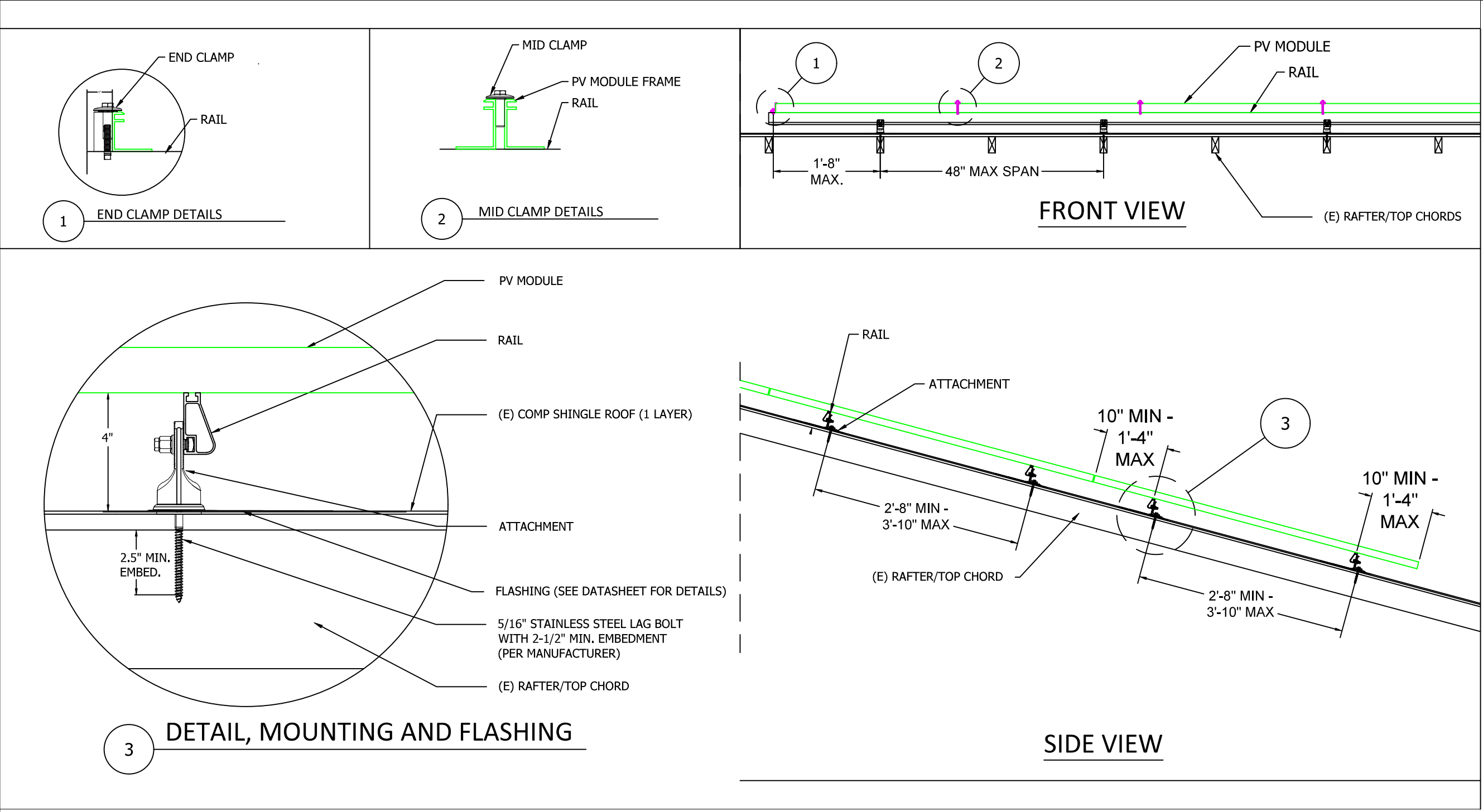


DRAWN BY: SoloCAD

DATE:
September 6, 2021

ROOF ATTACHMENTS - PV03

EQUIPMENT INFORMATION:		ROOF INFO:		PHOTOVOLTAIC ARRAY STRUCTURAL CRITERIA:	
RAIL MANUFACTURER	IronRidge	ROOF TYPE	asphalt_shingle	PV MODULE COUNT:	38
RAIL PART NUMBER	XR-100	ROOF FRAMING	manufactured_truss	ARRAY AREA:	MODULE COUNT * 18.06ft ² = 686.28
ATTACHMENTS	IronRidge - FLASHFOOT2	RAFTER/TOP CHORD SIZE	2x4	ROOF AREA:	1936 ft ²
ATTACHMENT QTY	72	RAFTER/TOP CHORD SPACING	24"	PERCENT OF ROOF COVERED:	35%
SPLICE QTY	4	ATTACHMENT SPACING	48	ARRAY WEIGHT:	MODULE COUNT * 50lbs = 1900
MIDCLAMP QTY	60			DISTRIBUTED LOAD:	ARRAY LBS/ATTACHMENTS = 26.39
ENDCLAMP QTY	32			POINT LOAD: (lbs/ft ²)	(ARRAY) WEIGHT/AREA = 2.77 lbs/ft ²

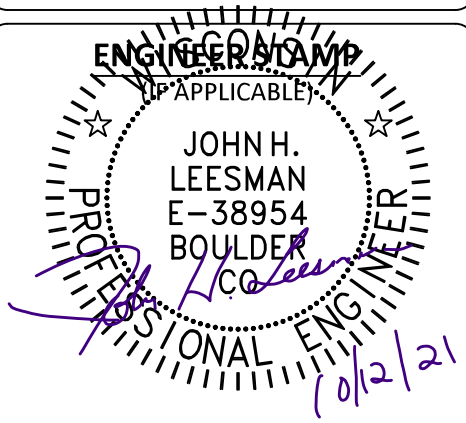


CONTRACTOR INFORMATION:

MODERN MILL SOLAR
3518 Broadway
Fort Wayne, Indiana 46807
844-440-2880

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410 Shore Drive
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INVERTER(S)
We Energies



DRAWN BY: SoloCAD

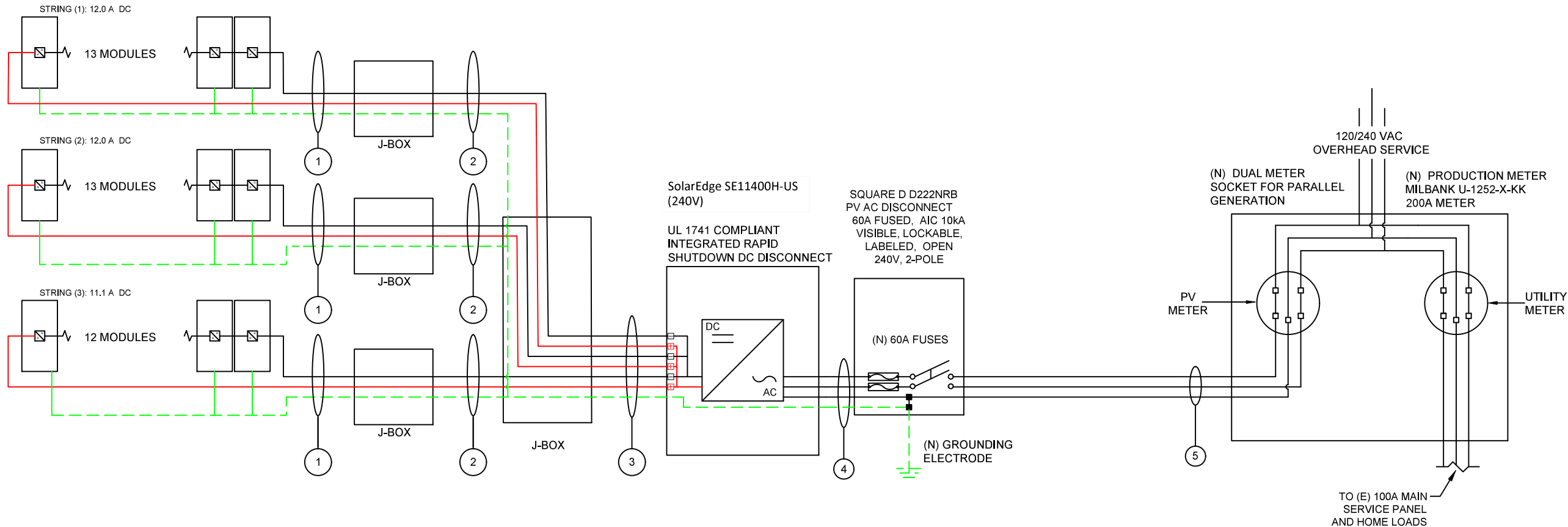
DATE:
September 6, 2021

MOUNTING DETAIL - PV04

EQUIPMENT INFORMATION:		ROOF INFO:		PHOTOVOLTAIC ARRAY STRUCTURAL CRITERIA:	
RAIL MANUFACTURER	IronRidge	ROOF TYPE	asphalt_shingle	PV MODULE COUNT:	38
RAIL PART NUMBER	XR-100	ROOF FRAMING	manufactured_truss	ARRAY AREA:	MODULE COUNT * 18.06ft ² = 686.28
ATTACHMENTS	IronRidge - FLASHFOOT2	RAFTER/TOP CHORD SIZE	2x4	ROOF AREA:	1936 ft ²
ATTACHMENT QTY	72	RAFTER/TOP CHORD SPACING	24"	PERCENT OF ROOF COVERED:	35%
SPLICE QTY	4	ATTACHMENT SPACING	48	ARRAY WEIGHT:	MODULE COUNT * 50lbs = 1900
MIDCLAMP QTY	60			DISTRIBUTED LOAD:	ARRAY LBS/ATTACHMENTS = 26.39
ENDCLAMP QTY	32			POINT LOAD: (lbs/ft ²)	(ARRAY) WEIGHT/AREA = 2.77 lbs/ft ²

Conduit & Conductor Schedule									
TAG	WIRE GAUGE	DESCRIPTION	QTY	CONDUIT SIZE	CONDUCTOR RATING	# OF CONDUCTORS DERATE	TEMP. DERATE	CONDUCTOR RATING W/DERATES	CONDUIT FILL
1	10 AWG	PV-WIRE , USE-2, COPPER (L 1, L 2)	(2)	N/A - FREE AIR	40A	N/A - FREE AIR	0.96	38.4A	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)	(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%
	8 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)						

EQUIPMENT SCHEDULE:			
TYPE:	QTY:	DESCRIPTION:	RATING:
MODULES:	(38)	Silfab SIL-370 BK	370 W
INVERTERS:	(1)	SolarEdge SE11400H-US (240V)	11400 W
AC DISCONNECT(S):	(1)	PV AC DISCONNECT, 240V, 2-POLE	60A
DC OPTIMIZERS:	(38)	SolarEdge P370	15 Adc



GROUNDING & GENERAL NOTES:

1. PV INVERTER IS UNGROUNDED, TRANSFORMER-LESS TYPE.
2. DC GEC AND AC EGC TO REMAIN UNSPLICED, OR SPLICED TO 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



CONTRACTOR INFORMATION:

MODERN MILL SOLAR
3518 Broadway
Fort Wayne, Indiana 46807
844-440-2880

SITE INFORMATION

Marvin Smith
410 Shore Drive
Mukwonago , WI 53149
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INVERTER(S)
We Energies

ENGINEER STAMP

(IF APPLICABLE)

DRAWN BY: SoloCAD

DATE:
September 6, 2021

LINE DIAGRAM - PV05

⚠️

WARNING

ELECTRIC SHOCK HAZARD

THE DC CONDUCTORS OF THIS PHOTOVOLTAIC SYSTEM ARE UNGROUNDED AND MAY BE ENERGIZED

⚠️

WARNING

ELECTRIC SHOCK HAZARD

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

⚠️

PHOTOVOLTAIC SYSTEM

⚠️

AC DISCONNECT

⚠️

RATED AC OUTPUT CURRENT48A

NOMINAL OPERATING AC VOLTAGE240V

⚠️

WARNING

DUAL POWER SUPPLY

SOURCES: UTILITY GRID AND PV SOLAR ELECTRIC SYSTEM

LABEL 1
AT EACH JUNCTION BOX, COMBINER BOX, DISCONNECT, AND DEVICE WHERE ENERGIZED UNGROUNDED CONDUCTORS MAY BE EXPOSED DURING SERVICE. NEC. 690.35(F)

LABEL 2
FOR PV DISCONNECTING MEANS WHERE ALL TERMINALS OF THE DISCONNECTING MEANS MAY BE ENERGIZED IN THE OPEN POSITION. NEC 690.17(E), NEC 705.22

LABEL 3
AT POINT OF INTERCONNECTION, MARKED AT AC DISCONNECTING MEANS. NEC 690.54, NEC 690.13 (B)

LABEL 4
AT POINT OF INTERCONNECTION FOR EQUIPMENT CONTAINING OVERCURRENT DEVICES IN CIRCUITS SUPPLYING POWER TO A BUSBAR OR CONDUCTOR SUPPLIED FROM MULTIPLE SOURCES, EACH SERVICE EQUIPMENT AND ALL ELECTRIC POWER PRODUCTION SOURCE LOCATIONS. NEC 705.12(D)(3)

WARNING: PHOTOVOLTAIC POWER SOURCE

⚠️

WARNING

INVERTER OUTPUT CONNECTION

DO NOT RELOCATE THIS OVERCURRENT DEVICE

PHOTOVOLTAIC SYSTEM EQUIPPED WITH RAPID SHUTDOWN

⚠️

WARNING

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

LABEL 5
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 6
PLACED ADJACENT TO THE BACK-FED BREAKER FROM THE INVERTER IF TIE IN CONSISTS OF LOAD SIDE CONNECTION TO BUSBAR. NEC 705.12(D)(2)(3)(B)

LABEL 7
SIGN LOCATED AT UTILITY SERVICE EQUIPMENT. NEC 690.56(C)

LABEL 8 (ONLY IF 3 OR MORE SUPPLY SOURCES TO A BUSBAR)
SIGN LOCATED AT LOAD CENTER IF CONTAINING 3 OR MORE POWER SOURCES. NEC 705.12(D)(2)(3)(C)



CONTRACTOR INFORMATION:
MODERN MILL SOLAR
3518 Broadway
Fort Wayne, Indiana 46807
844-440-2880

SITE INFORMATION

Marvin Smith
410 Shore Drive
Mukwonago , WI 53149
AC SYSTEM SIZE: 11.4 kW AC
DC SYSTEM SIZE: 14.06 kW DC
Lat, 42.8600945
Long, -88.3360575999999
(38) Silfab SIL-370 BK PV MODULES

(1) SolarEdge SE11400H-US (240V)
INVERTER(S)
We Energies

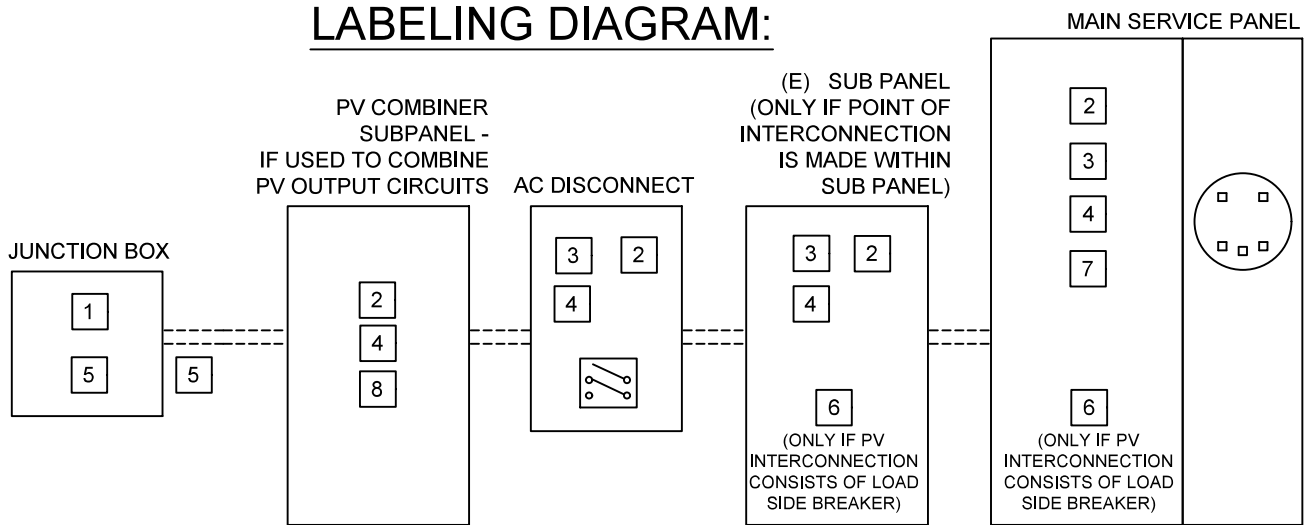
ENGINEER STAMP
(IF APPLICABLE)

DRAWN BY: SoloCAD

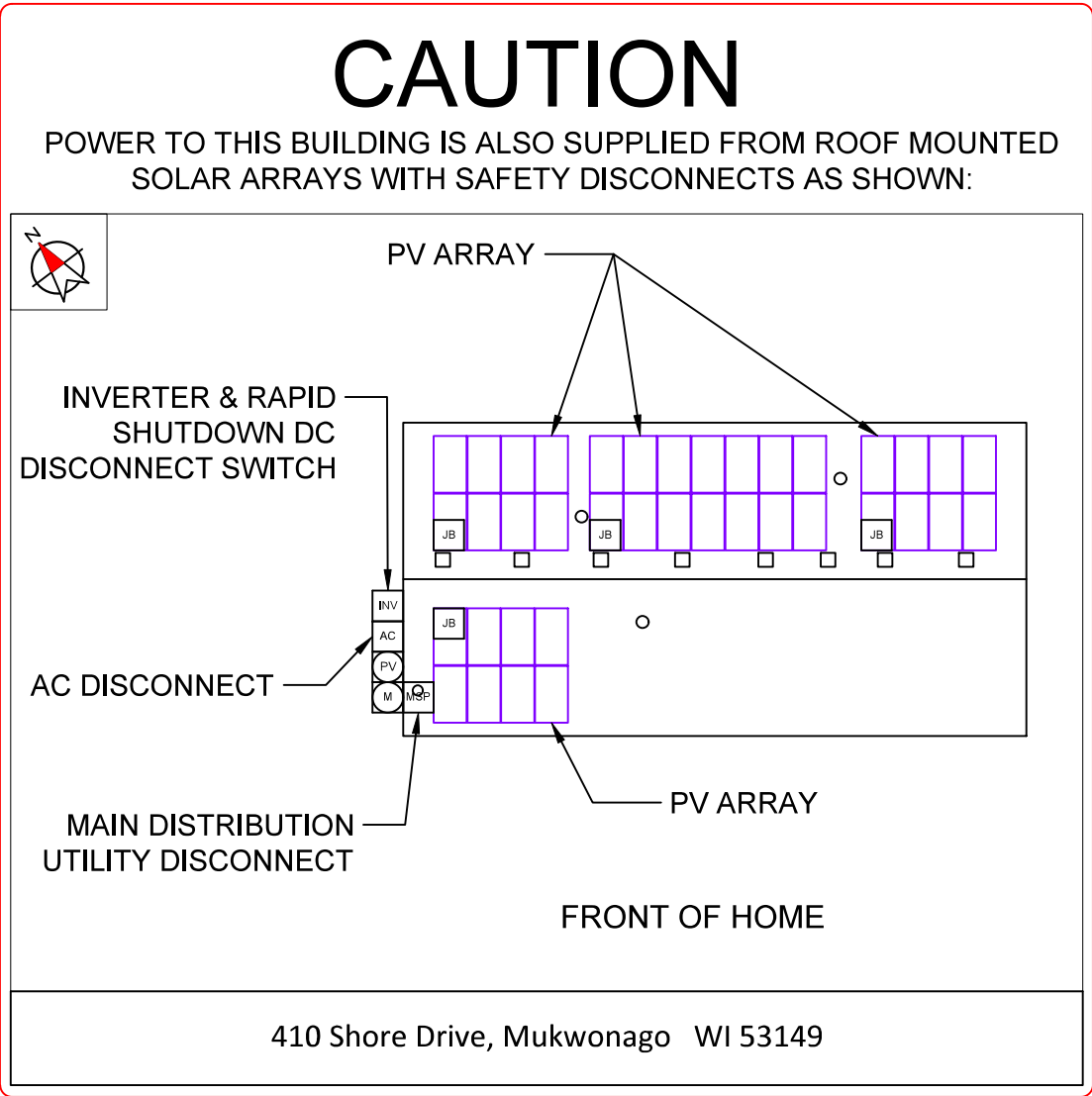
DATE:
September 6, 2021

LABELS - PV06

- 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 2014 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]
 - LABELS TO BE A MINIMUM LETTER HEIGHT OF 3/8", WHITE ON RED BACKGROUND; REFLECTIVE, AND PERMANENTLY AFFIXED [IFC 605.11.1.1]



** 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 ELECTRICAL DIAGRAM PAGE. **



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])



CONTRACTOR INFORMATION:
MODERN MILL SOLAR
3518 Broadway
Fort Wayne, Indiana 46807
844-440-2880

SITE INFORMATION
Marvin Smith
410 Shore Drive
Mukwonago , WI 53149
AC SYSTEM SIZE: 11.4 kW AC
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Long, -88.3360575999999
(38) Silfab SIL-370 BK PV MODULES
(1) SolarEdge SE11400H-US (240V)
INVERTER(S)
We Energies

ENGINEER STAMP
(IF APPLICABLE)

DRAWN BY: SoloCAD
DATE:
September 6, 2021
PLACARD - PV07

SITE PHOTOS:



CONTRACTOR INFORMATION:
MODERN MILL SOLAR
3518 Broadway
Fort Wayne, Indiana 46807
844-440-2880

SITE INFORMATION

Marvin Smith
410 Shore Drive
Mukwonago , WI 53149
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Lat, 42.8600945
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(38) Silfab SIL-370 BK PV MODULES

(1) SolarEdge SE11400H-US (240V)
INVERTER(S)
We Energies

ENGINEER STAMP
(IF APPLICABLE)

DRAWN BY: SoloCAD

DATE:
September 6, 2021

SITE PHOTOS - PV08





BC Series SIL-370 BK

(Early 2021)



HIGH EFFICIENCY PREMIUM MONO-PERC PV MODULE Back Contact Technology



CHUBB
* Chubb provides error and omission insurance to Silfab Solar Inc.

INDUSTRY LEADING WARRANTY

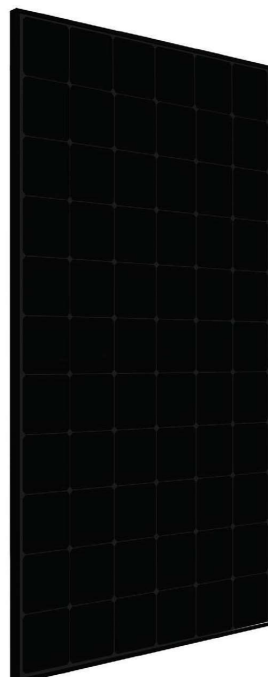
All our products include an industry leading 25-year product workmanship and 30-year performance warranty.

MAXIMUM ENERGY OUTPUT

Silfab BC Series utilizes next generation Back Contact technology to reduce production/manufacturing steps and improve quality while maximizing power. Ideal for residential and commercial projects where maximum power density is preferred.

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 100% made in North America.



PROVIDES MAXIMUM EFFICIENCY

High-efficiency cells combined with a black conductive back-sheet resulting in a maximum power rating of 370Wp.

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.

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 PRODUCTION

Silfab Solar manufactures PV modules in two automated locations within North America. 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.

SUPERIOR POWER

Super power achieved through relocation of tabbing ribbon to reduce shading on module front service and circuit resistance.

AESTHETICALLY PLEASING

Sleek aesthetics from black cells to black back-sheet without tabbing or bus-bar ribbons, ideal for residential applications.

STABLE PERFORMANCE

Enhanced life-time performance through reduced thermal stresses and increased current flow paths.

PID RESISTANT

PID Resistant due to advanced cell technology and material selection. In accordance to IEC 62804-1.

Electrical Specifications		SIL-370 BK mono PERC MWT Technology	
Test Conditions		STC	NOCT
Module Power (Pmax)	Wp	370	276.87
Maximum power voltage (Vpmax)	V	38.3	35.91
Maximum power current (Ipmax)	A	9.66	7.71
Open circuit voltage (Voc)	V	45.0	42.19
Short circuit current (Isc)	A	10.29	8.29
Module efficiency	%	20.8	19.5
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-370 BK mono PERC MWT Technology	
Temperature Coefficient Isc		+0.046 %/°C	
Temperature Coefficient Voc		-0.279 %/°C	
Temperature Coefficient Pmax		-0.377 %/°C	
NOCT (± 2°C)		43.5 °C	
Operating temperature		-40/+85 °C	

Mechanical Properties and Components			SIL-370 BK mono PERC MWT Technology	
	Metric		Imperial	
Module weight	19.0±0.2 kg		41.9±0.4 lbs	
Dimensions (H x L x D)	1795 mm x 990 mm x 38 mm		70.67 in x 39.98 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 high efficiency back contact mono-PERC c-Si cells		66 high efficiency back contact mono-PERC c-Si cells	
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		47.24 in, ø 0.22 in, MC4 from Staubli	

Backsheet	Multilayer, integrated insulation film and electrically conductive backsheet, superior hydrolysis and UV resistance, 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, IP67 rated		

Warranties		SIL-370 BK mono PERC MWT Technology	
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
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Certifications		SIL-370 BK mono PERC MWT Technology	
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 1	
Factory		ISO9001:2015	

- Modules Per Pallet: 26
- Pallets Per Truck: 34
- Modules Per Truck: 884

*⚠ 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.

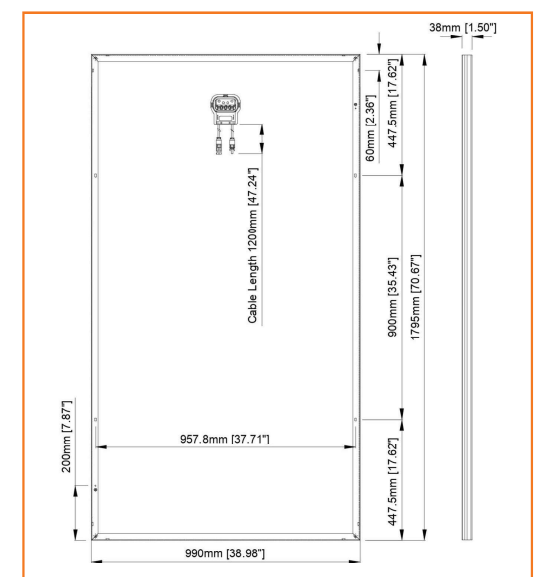
***Certification anticipated November 2020.

PAN files generated from 3rd party performance data are available for download at: www.silfabsolar.com/downloads.



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Bellingham WA 98225 USA
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Single Phase Inverter with HD-Wave Technology

for North America

SE3000H-US / SE3800H-US / SE5000H-US / SE6000H-US / SE7600H-US / SE10000H-US / SE11400H-US



INVERTERS

Optimized installation with HD-Wave technology

- Specifically designed to work with power optimizers
- Record-breaking efficiency
- Fixed voltage inverter for longer strings
- Integrated arc fault protection and rapid shutdown for NEC 2014 and 2017, per article 690.11 and 690.12
- UL1741 SA certified, for CPUC Rule 21 grid compliance
- Extremely small
- Built-in module-level monitoring
- Outdoor and indoor installation
- Optional: Revenue grade data, ANSI C12.20 Class 0.5 (0.5% accuracy)

solaredge.com



Single Phase Inverter with HD-Wave Technology for North America

SE3000H-US / SE3800H-US / SE5000H-US / SE6000H-US / SE7600H-US / SE10000H-US / SE11400H-US

SE3000H-US SE3800H-US SE5000H-US SE6000H-US SE7600H-US SE10000H-US SE11400H-US									
OUTPUT									
Rated AC Power Output	3000	3800 @ 240V 3300 @ 208V	5000	6000 @ 240V 5000 @ 208V	7600	10000	11400 @ 240V 10000 @ 208V	VA	
Maximum AC Power Output	3000	3800 @ 240V 3300 @ 208V	5000	6000 @ 240V 5000 @ 208V	7600	10000	11400 @ 240V 10000 @ 208V	VA	
AC Output Voltage Min.-Nom.-Max. (211 - 240 - 264)	✓	✓	✓	✓	✓	✓	✓	V _{ac}	
AC Output Voltage Min.-Nom.-Max. (183 - 208 - 229)	-	✓	-	✓	-	-	✓	V _{ac}	
AC Frequency (Nominal)	59.3 - 60 - 60.5 ¹⁾							Hz	
Maximum Continuous Output Current @240V	12.5	16	21	25	32	42	47.5	A	
Maximum Continuous Output Current @208V	-	16	-	24	-	-	48.5	A	
GFDI Threshold	1							A	
Utility Monitoring, Islanding Protection, Country Configurable Thresholds	Yes								
INPUT									
Maximum DC Power @240V	4650	5900	7750	9300	11800	15500	17650	W	
Maximum DC Power @208V	-	5100	-	7750	-	-	15500	W	
Transformer-less, Ungrounded	Yes								
Maximum Input Voltage	480							V _{dc}	
Nominal DC Input Voltage	380				400			V _{dc}	
Maximum Input Current @240V ²⁾	8.5	10.5	13.5	16.5	20	27	30.5	A _{dc}	
Maximum Input Current @208V ²⁾	-	9	-	13.5	-	-	27	A _{dc}	
Max. Input Short Circuit Current	45							A _{dc}	
Reverse-Polarity Protection	Yes								
Ground-Fault Isolation Detection	600k Ω Sensitivity								
Maximum Inverter Efficiency	99	99.2						%	
CEC Weighted Efficiency	99						99 @ 240V 98.5 @ 208V	%	
Nighttime Power Consumption	< 2.5							W	
ADDITIONAL FEATURES									
Supported Communication Interfaces	RS485, Ethernet, ZigBee (optional), Cellular (optional)								
Revenue Grade Data, ANSI C12.20	Optional ³⁾								
Rapid Shutdown - NEC 2014 and 2017 690.12	Automatic Rapid Shutdown upon AC Grid Disconnect								
STANDARD COMPLIANCE									
Safety	UL1741, UL1741 SA, UL1699B, CSA C22.2, Canadian AFCI according to T.I.L. M-07								
Grid Connection Standards	IEEE1547, Rule 21, Rule 14 (H)								
Emissions	FCC Part 15 Class B								
INSTALLATION SPECIFICATIONS									
AC Output Conduit Size / AWG Range	1" Maximum / 14-6 AWG					1" Maximum /14-4 AWG			
DC Input Conduit Size / # of Strings / AWG Range	1" Maximum / 1-2 strings / 14-6 AWG					1" Maximum / 1-3 strings / 14-6 AWG			
Dimensions with Safety Switch (HxWxD)	17.7 x 14.6 x 6.8 / 450 x 370 x 174					21.3 x 14.6 x 7.3 / 540 x 370 x 185		in / mm	
Weight with Safety Switch	22 / 10		25.1 / 11.4		26.2 / 11.9		38.8 / 17.6	lb / kg	
Noise	< 25				< 50				dBA
Cooling	Natural Convection								
Operating Temperature Range	-13 to +140 / -25 to +60 ⁴⁾ (-40°F / -40°C option) ⁵⁾							°F / °C	
Protection Rating	NEMA 4X (Inverter with Safety Switch)								

¹⁾ For other regional settings please contact SolarEdge support.
²⁾ A higher current source may be used; the inverter will limit its input current to the values stated.
³⁾ Revenue grade inverter P/N: SExxxxH-US000NNC2
⁴⁾ For power de-rating information refer to: <https://www.solaredge.com/sites/default/files/se-temperature-derating-note-na.pdf>
⁵⁾ -40 version P/N: SExxxxH-US000NNU4

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RoHS

Power Optimizer

For North America

P320 / P340 / P370 / P400 / P405 / P505



POWER OPTIMIZER

PV power optimization at the module-level

- Specifically designed to work with SolarEdge inverters
- Up to 25% more energy
- Superior efficiency (99.5%)
- Mitigates all types of module mismatch losses, from manufacturing tolerance to partial shading
- Flexible system design for maximum space utilization
- Fast installation with a single bolt
- Next generation maintenance with module-level monitoring
- Meets NEC requirements for arc fault protection (AFCI) and Photovoltaic Rapid Shutdown System (PVRSS)
- Module-level voltage shutdown for installer and firefighter safety

solaredge.com



Power Optimizer
For North America

P320 / P340 / P370 / P400 / P405 / P505

Optimizer model (typical module compatibility)	P320 (for 60-cell modules)	P340 (for high-power 60-cell modules)	P370 (for higher-power 60 and 72-cell modules)	P400 (for 72 & 96-cell modules)	P405 (for thin film modules)	P505 (for higher current modules)	
INPUT							
Rated Input DC Power ⁽¹⁾	320	340	370	400	405	505	W
Absolute Maximum Input Voltage (Voc at lowest temperature)	48		60	80	125 ⁽²⁾	87 ⁽²⁾	Vdc
MPPT Operating Range	8 - 48		8 - 60	8 - 80	12.5 - 105	12.5 - 87	Vdc
Maximum Short Circuit Current (Isc)	11			10.1		14	Adc
Maximum DC Input Current	13.75			12.5		17.5	Adc
Maximum Efficiency	99.5						%
Weighted Efficiency	98.8					98.6	%
Overvoltage Category	II						
OUTPUT DURING OPERATION (POWER OPTIMIZER CONNECTED TO OPERATING SOLAREEDGE INVERTER)							
Maximum Output Current	15						Adc
Maximum Output Voltage	60				85		Vdc
OUTPUT DURING STANDBY (POWER OPTIMIZER DISCONNECTED FROM SOLAREEDGE INVERTER OR SOLAREEDGE INVERTER OFF)							
Safety Output Voltage per Power Optimizer	1 ± 0.1						Vdc
STANDARD COMPLIANCE							
EMC	FCC Part15 Class B, IEC61000-6-2, IEC61000-6-3						
Safety	IEC62109-1 (class II safety), UL1741						
Material	UL94 V-0 , UV Resistant						
RoHS	Yes						
INSTALLATION SPECIFICATIONS							
Maximum Allowed System Voltage	1000						Vdc
Compatible inverters	All SolarEdge Single Phase and Three Phase inverters						
Dimensions (W x L x H)	129 x 153 x 27.5 / 5.1 x 6 x 1.1			129 x 153 x 33.5 / 5.1 x 6 x 1.3	129 x 159 x 49.5 / 5.1 x 6.3 x 1.9	129 x 162 x 59 / 5.1 x 6.4 x 2.3	mm / in
Weight (including cables)	630 / 1.4			750 / 1.7	845 / 1.9	1064 / 2.3	gr / lb
Input Connector	Single or dual MC4 ⁽³⁾						
Input Wire Length	0.16 / 0.52						m / ft
Output Wire Type / Connector	Double Insulated / MC4						
Output Wire Length	0.9 / 2.95		1.2 / 3.9				m / ft
Operating Temperature Range	-40 - +85 / -40 - +185						°C / °F
Protection Rating	IP68 / NEMA6P						
Relative Humidity	0 - 100						%

⁽¹⁾ Rated power of the module at STC will not exceed the optimizer "Rated Input DC Power". Modules with up to +5% power tolerance are allowed
⁽²⁾ NEC 2017 requires max input voltage be not more than 80V
⁽³⁾ For other connector types please contact SolarEdge

PV System Design Using a SolarEdge Inverter ⁽⁴⁾⁽⁵⁾		Single Phase HD-Wave	Single phase	Three Phase 208V	Three Phase 480V	
Minimum String Length (Power Optimizers)	P320, P340, P370, P400	8		10	18	
	P405 / P505	6		13 (12 with SE3K)	14	
Maximum String Length (Power Optimizers)		25		25	50 ⁽⁶⁾	
Maximum Power per String		5700 (6000 with SE7600-US - SE11400-US)	5250	6000 ⁽⁷⁾	12750 ⁽⁸⁾	W
Parallel Strings of Different Lengths or Orientations		Yes				

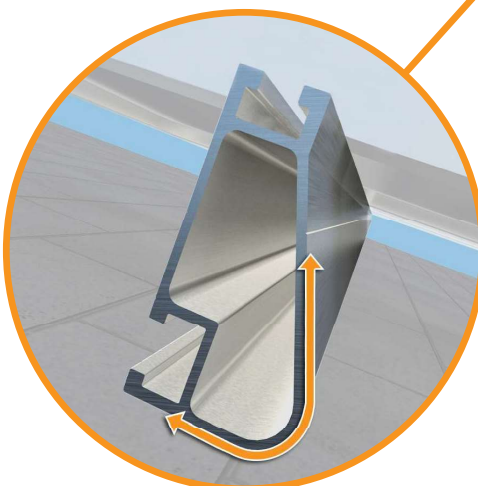
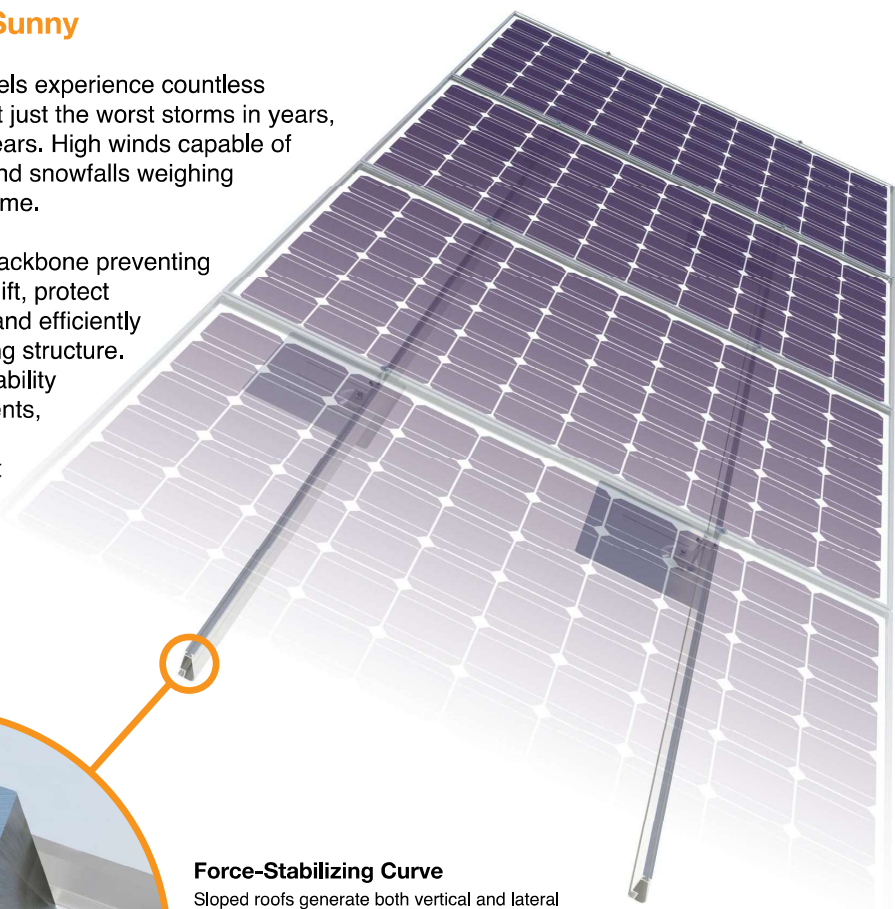
⁽⁴⁾ For detailed string sizing information refer to: http://www.solaredge.com/sites/default/files/string_sizing_na.pdf
⁽⁵⁾ It is not allowed to mix P405/P505 with P320/P340/P370/P400 in one string
⁽⁶⁾ A string with more than 30 optimizers does not meet NEC rapid shutdown requirements; safety voltage will be above the 30V requirement
⁽⁷⁾ For SE14.4KUS/SE43.2KUS: It is allowed to install up to 6,500W per string when 3 strings are connected to the inverter (3 strings per unit for SE43.2KUS) and when the maximum power difference between the strings is up to 1,000W
⁽⁸⁾ For SE30KUS/SE33.3KUS/SE66.6KUS/SE100KUS: It is allowed to install up to 15,000W per string when 3 strings are connected to the inverter (3 strings per unit for SE66.6KUS/SE100KUS) and when the maximum power difference between the strings is up to 2,000W

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.



FlashFoot2

The Strongest Attachment in Solar

IronRidge FlashFoot2 raises the bar in solar roof protection. The unique water seal design is both elevated and encapsulated, delivering redundant layers of protection against water intrusion. In addition, the twist-on Cap perfectly aligns the rail attachment with the lag bolt to maximize mechanical strength.

Twist-On Cap

FlashFoot2's unique Cap design encapsulates the lag bolt and locks into place with a simple twist. The Cap helps FlashFoot2 deliver superior structural strength, by aligning the rail and lag bolt in a concentric load path.

Three-Tier Water Seal

FlashFoot2's seal architecture utilizes three layers of protection. An elevated platform diverts water away, while a stack of rugged components raises the seal an entire inch. The seal is then fully-encapsulated by the Cap. FlashFoot2 is the first solar attachment to pass the TAS-100 Wind-Driven Rain Test.

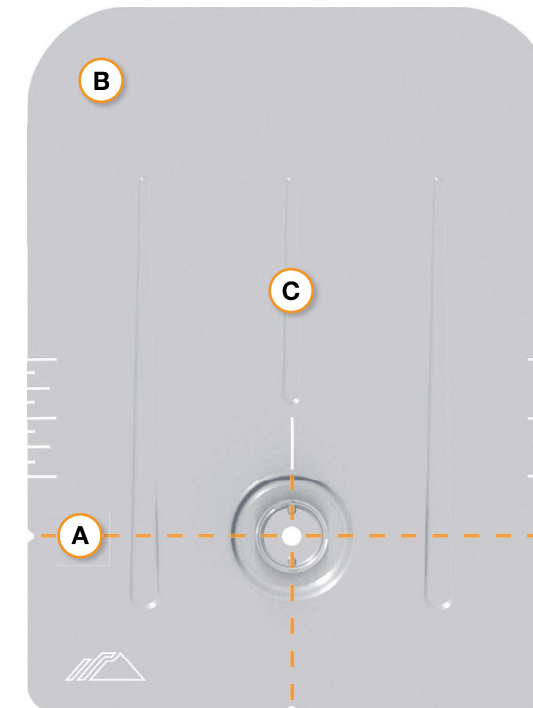
Single Socket Size

A custom-design lag bolt allows you to install FlashFoot2 with the same 7/16" socket size used on other Flush Mount System components.

Water-Shedding Design

An elevated platform diverts water away from the water seal.

Installation Features

**A Alignment Markers**

Quickly align the flashing with chalk lines to find pilot holes.

B Rounded Corners

Makes it easier to handle and insert under the roof shingles.

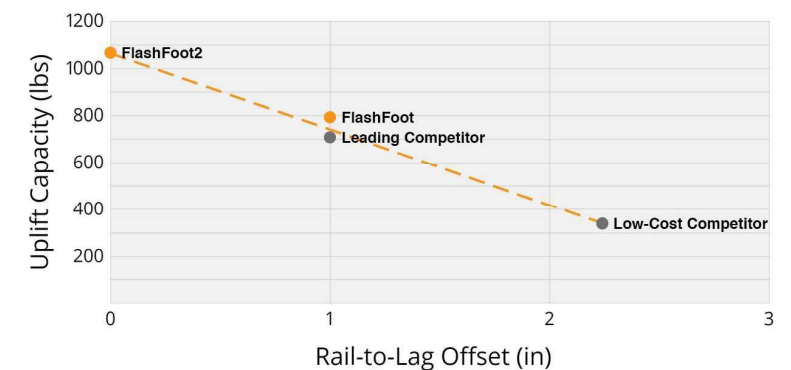
C Reinforcement Ribs

Help to stiffen the flashing and prevent any bending or crinkling during installation.

Benefits of Concentric Loading

Traditional solar attachments have a horizontal offset between the rail and lag bolt, which introduces leverage on the lag bolt and decreases uplift capacity.

FlashFoot2 is the only product to align the rail and lag bolt. This concentric loading design results in a stronger attachment for the system.



Testing & Certification

Structural Certification

Designed and Certified for Compliance with the International Building Code & ASCE/SEI-7.

Water Seal Ratings

Water Sealing Tested to UL 441 Section 27 "Rain Test" and TAS 100-95 "Wind Driven Rain Test" by Intertek. Ratings applicable for composition shingle roofs having slopes between 2:12 and 12:12.

UL 2703

Conforms to UL 2703 Mechanical and Bonding Requirements. See Flush Mount Install Manual for full ratings.

410 Shore Dr
Mukwonago, Wisconsin

Google

Street View - Aug 2012



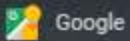
Google

Navigation controls including a compass, zoom in (+) and zoom out (-) buttons, and a street view pegman icon.

122

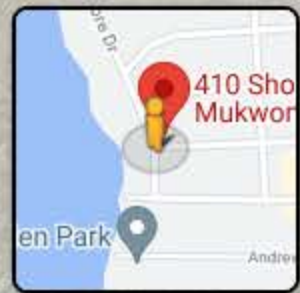


415 Shore Dr
Mukwonago, Wisconsin



Google

Street View - Aug 2012



Google



+

-

123



431 Field St
Mukwonago, Wisconsin

Google

Street View - Aug 2012



Google

Navigation controls including a compass, zoom in (+) and zoom out (-) buttons, and a street view pegman icon.

124

**VILLAGE OF MUKWONAGO
WAUKESHA AND WALWORTH COUNTIES**

RESOLUTION NO. 2022-03

**A RESOLUTION FOR SITE PLAN AND ARCHTIEICTURAL REVIEW FOR MARVIN SMITH
410 SHORE DRIVE, PARCEL MUKV 1976-034**

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 MARVIN SMITH

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 410 Shore 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 Village planner. 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, a pre-construction meeting must be held with the applicant's representatives and primary contractors, and the Village Inspections Department.
3. 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.
4. 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.
5. All work related to this project must comply with all project plans approved by the Village.
6. The developer must comply with all requirements related to impact fees imposed by the Village.
7. The developer shall comply with all parts of the Municipal Code as it relates to this project.
8. 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.

9. At the time of approval there is one Shade tree located near the intersection of Field St and Shore Drive. This tree provides the required screening from the public right of way as required by Section 100-102 (2) c. If in the future this tree is damaged due to weather, disease, age, etc. and the tree is removed then a new tree shall be planted to maintain the requirements of screening from the public right of way. This requirement shall be required for as long as the solar panels are located on the front side of the structure under current or future ownership.
10. 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 19th day of January 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

January 11, 2022 at 6:30pm
Mukwonago, WI

SITE PLAN AND ARCHITECTURAL REVIEW AND CONDITIONAL USE PERMIT

626 Oakland Ave
Parcel Number: MUKV 1970-995

Case Summary

Parcel Data

Proposal:	Solar Panels
Applicant:	Michael J Laufenberg
Request:	Site Plan and Architectural Review
Staff Recommendation:	Approve with Conditions

Parcel Characteristics / Conditions

Acreage:	1.3255
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

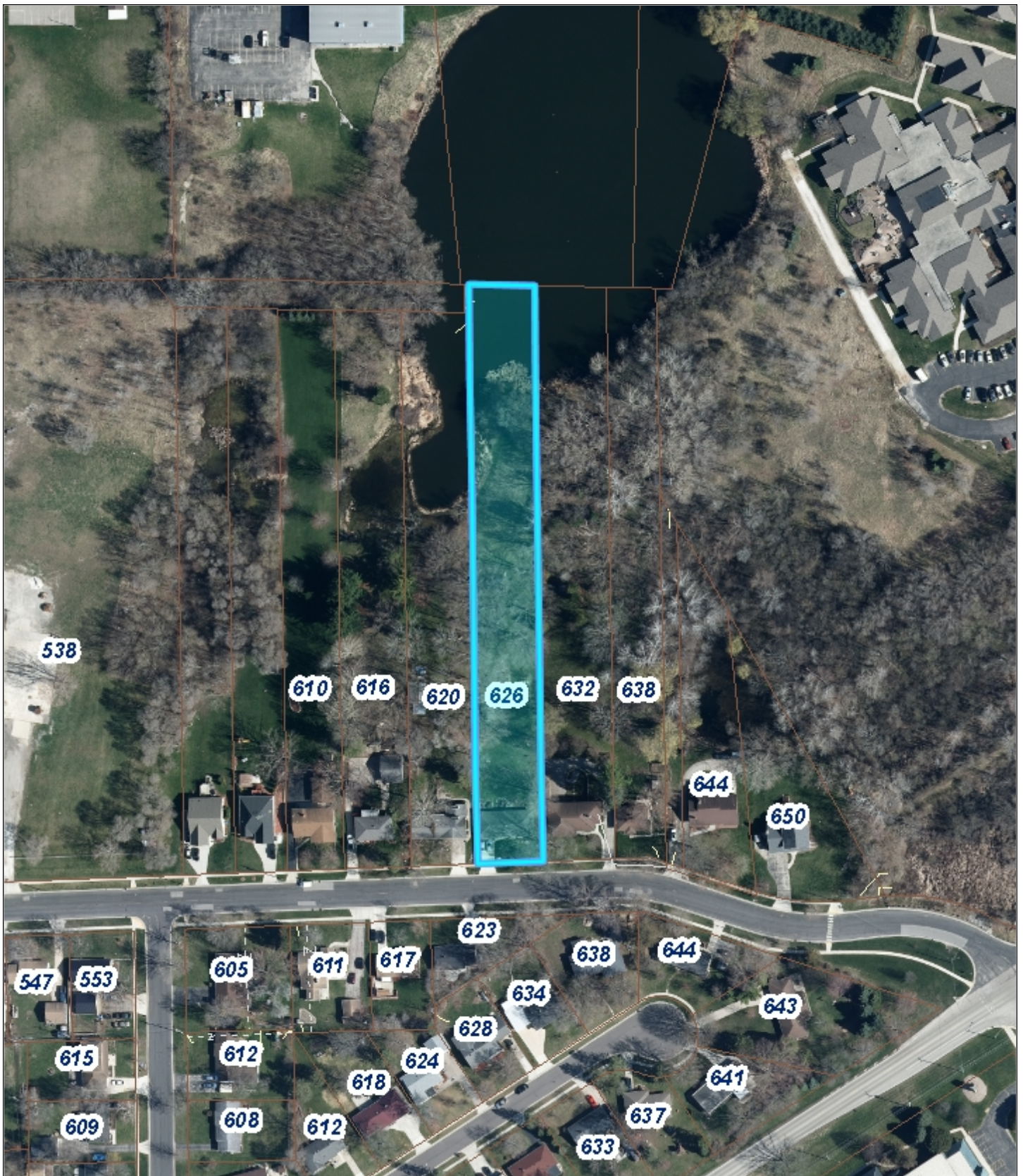
Site Plan and Architectural Review

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 Village planner. 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, a pre-construction meeting must be held with the applicant's representatives and primary contractors, and the Village Inspections Department.
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8. 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.
9. At the time of approval there are two shade tree located within the front yard of the property. These tree provides the required screening from the public right of way as required by Section 100-102 (2) c. If in the future this tree is damaged due to weather, disease, age, etc. and the tree is removed then a new tree shall be planted to maintain the requirements of screening from the public right of way. This requirement shall be required for as long as the solar panels are located on the front side of the structure under current or future ownership.
10. 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 - 626 Oakland - Solar Panels

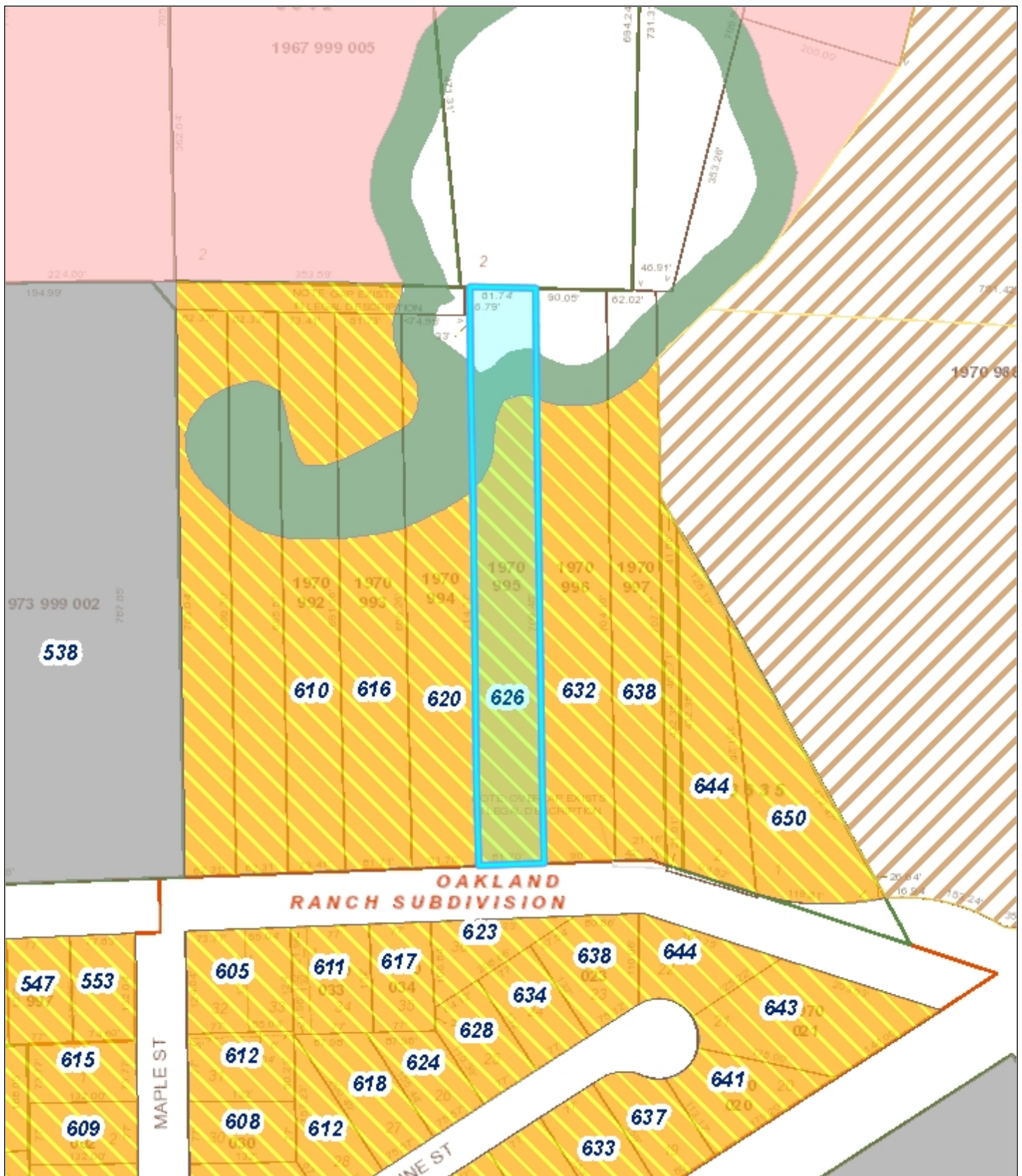
DISCLAIMER: The Village of Mukwonago does not guarantee the accuracy of the material contained here in and is not responsible for any misuse or misrepresentation of this information or its derivatives.



SCALE: 1" = 167'

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

Print Date: 12/7/2021



Village of Mukwonago GIS
Land Use - 626 Oakland - Solar Panels

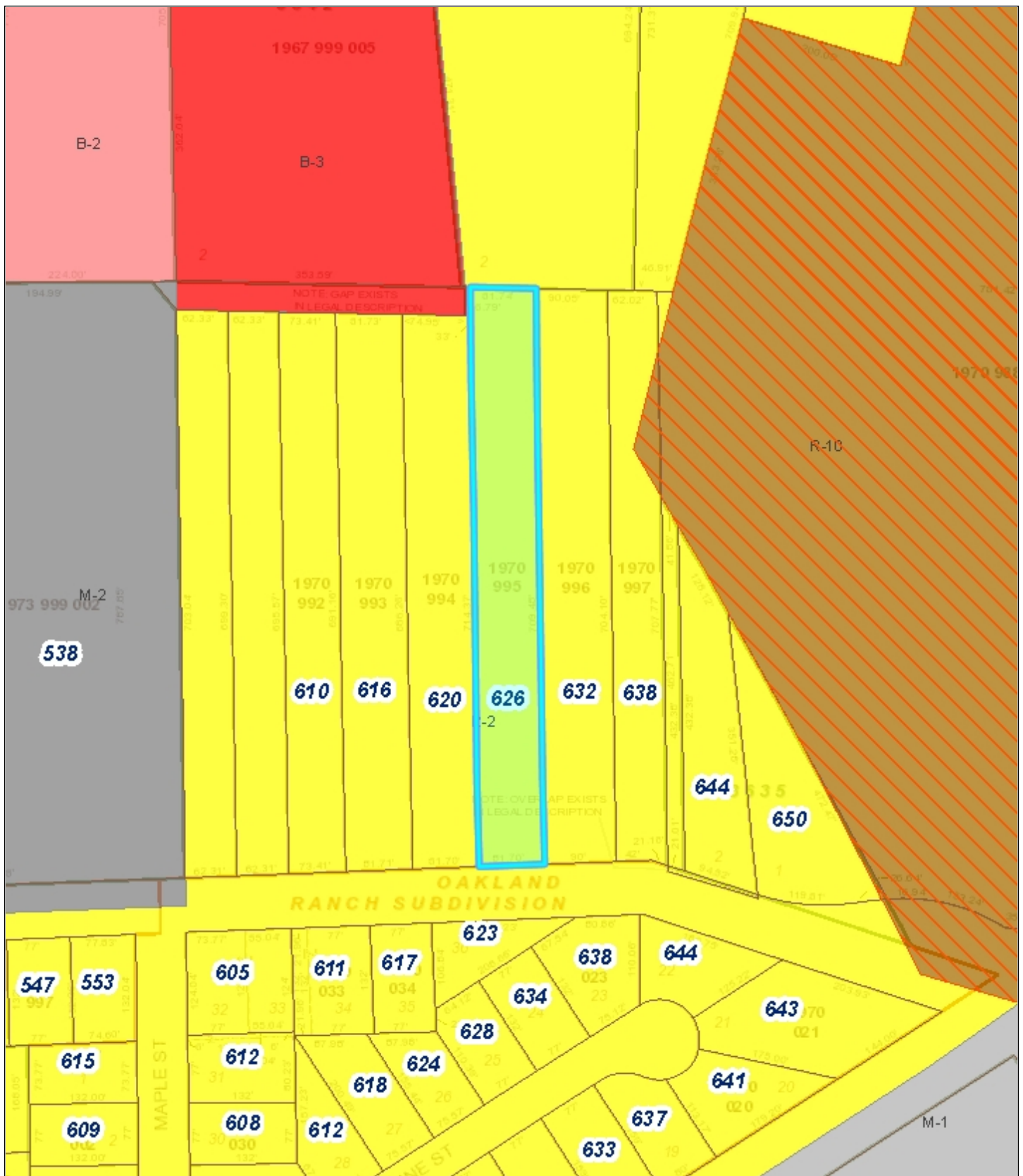
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VILLAGE OF MUKWONAGO
440 River Crest Court
PO Box 206
Mukwonago, WI 53149
262-363-6420

Print Date: 12/7/2021



Village of Mukwonago GIS
Zoning - 626 Oakland - Solar Panels

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SCALE: 1" = 167'

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

Print Date: 12/7/2021

September 25, 2021

Modern Mill Solar
3518 Broadway
Fort Wayne, IN 46807

RE: Engineering Services
Laufenberg Residence
626 Oakland Ave, Mukwonago, WI
7.6 kW System
Solo Job #1442798

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 Modern Mill 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 :	1x Lumber
Roof Profile :	Hip Gable
Roof Structural System :	Rafter
Truss Top Chord/Setup :	2 x 6 / Rafter w/ Tie
Chord/Rafter Wood Grade :	Spruce-Pine-Fir MSR 1650f-1.5E
Truss/Rafter Spacing :	16" o.c.
Roof Slope :	18 deg
Max Top Chord/Rafter Span :	11.96 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 :	7.5 psf
Ult Wind Speed :	#N/A	PV Dead Load :	3 psf
Exposure Category :	B	Total Dead Load :	10.5 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 "Ironridge Installation Manual", which can be found on the Ironridge website (<http://ironridge.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"

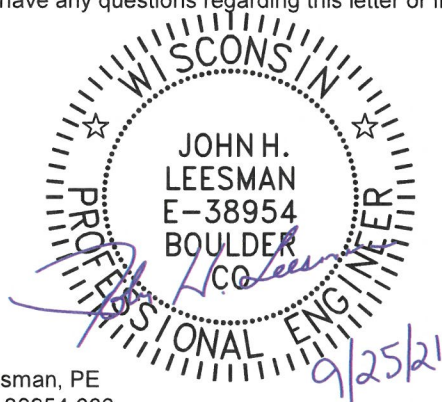
3. Considering the existing roof's slope, size, spacing, condition, and calculated loads, the panel bracket supports shall be placed no greater than 48 in. o/c.
4. Panel supports connections shall be staggered to distribute load to adjacent trusses.

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

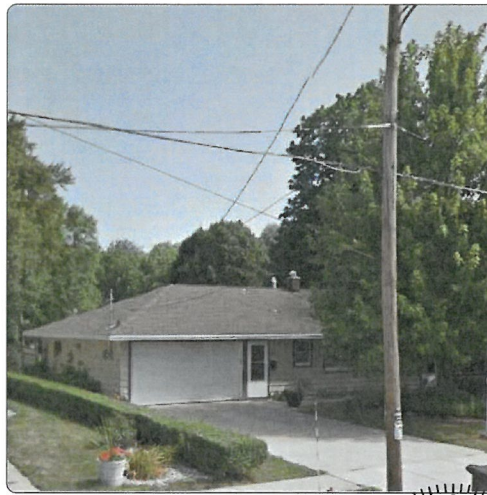
Limits of Scope of Work and Liability

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:

MODERN MILL SOLAR
3518 Broadway
Fort Wayne, Indiana 46807
844-440-2880

SITE INFORMATION

Michael Laufenberg
626 Oakland Ave
Mukwonago, WI 53149
AC SYSTEM SIZE: 7.6 kW AC
DC SYSTEM SIZE: 7.4 kW DC
Lat: 42.8697419
Long: -88.3242156
(20) Silfab SIL-370 BK PV MODULES
(1) SolarEdge SE7600H-US (240V)
INVERTER(S)
We Energies

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:
September 13, 2021

COVER PAGE - PV01

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

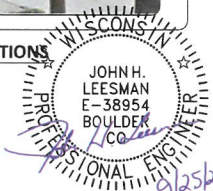
EQUIPMENT:
AC SYSTEM SIZE: 7.6 kW AC
DC SYSTEM SIZE: 7.4 kW DC
(20) Silfab SIL-370 BK PV MODULES
(1) SolarEdge SE7600H-US (240V) INVERTER(S)
RACKING: IronRidge - 48" O.C.

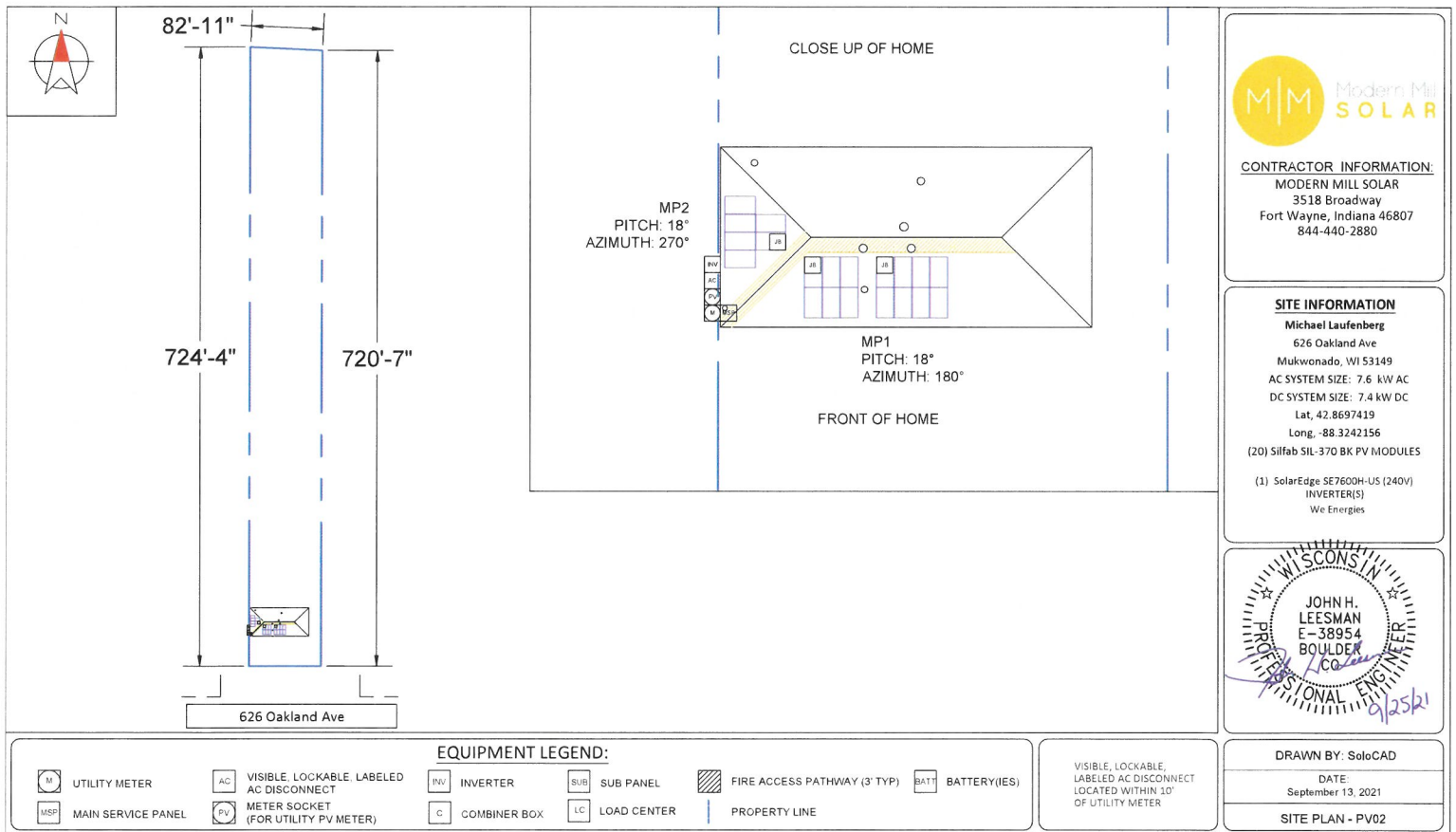
APPLICABLE GOVERNING CODES

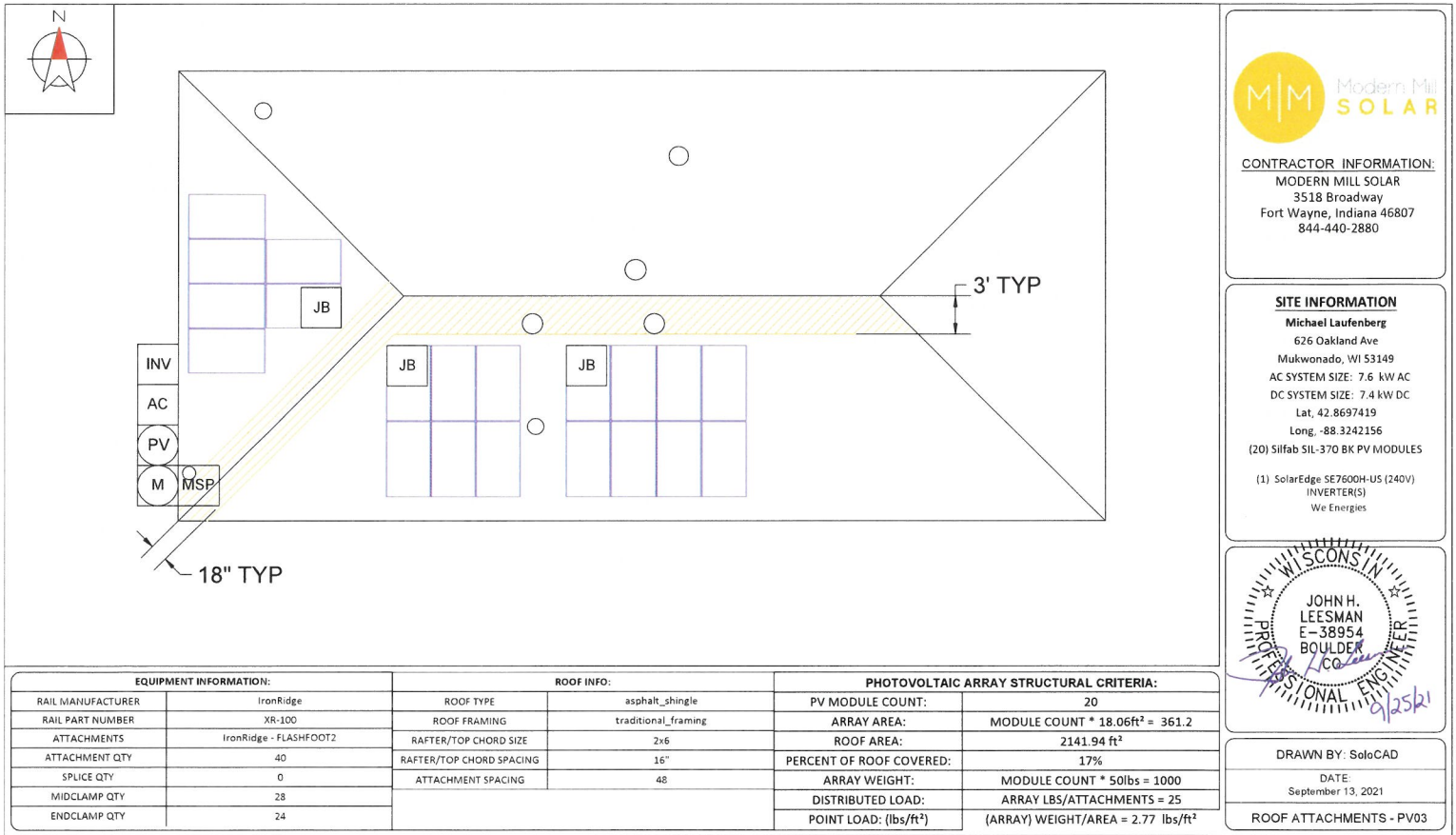
2017 NEC/ Wisconsin SPS 316
Wisconsin Uniform Dwelling Code SPS 320-325
SPS 321 Construction Standards

SITE SPECIFICATIONS

OCCUPANCY: R-3
ZONING: RESIDENTIAL

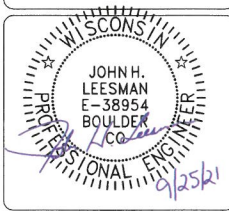






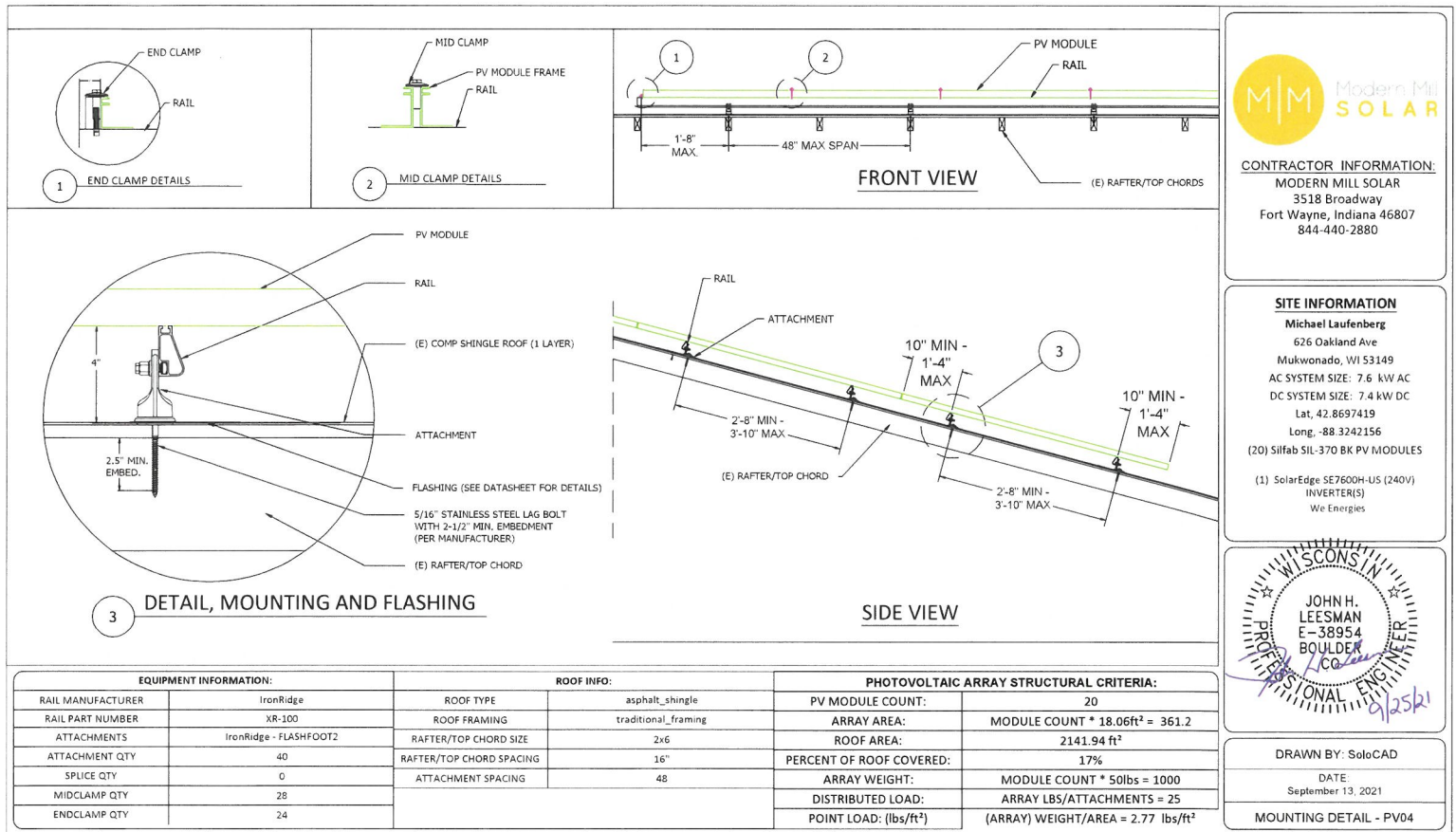
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(1) SolarEdge SE7600H-US (240V)
INVERTER(S)
We Energies



DRAWN BY: SoloCAD
DATE:
September 13, 2021
ROOF ATTACHMENTS - PV03

EQUIPMENT INFORMATION:		ROOF INFO:		PHOTOVOLTAIC ARRAY STRUCTURAL CRITERIA:	
RAIL MANUFACTURER	IronRidge	ROOF TYPE	asphalt_shingle	PV MODULE COUNT:	20
RAIL PART NUMBER	XR-100	ROOF FRAMING	traditional_framing	ARRAY AREA:	MODULE COUNT * 18.06ft² = 361.2
ATTACHMENTS	IronRidge - FLASHFOOT2	RAFTER/TOP CHORD SIZE	2x6	ROOF AREA:	2141.94 ft²
ATTACHMENT QTY	40	RAFTER/TOP CHORD SPACING	16"	PERCENT OF ROOF COVERED:	17%
SPLICE QTY	0	ATTACHMENT SPACING	48	ARRAY WEIGHT:	MODULE COUNT * 50lbs = 1000
MIDCLAMP QTY	28			DISTRIBUTED LOAD:	ARRAY LBS/ATTACHMENTS = 25
ENDCLAMP QTY	24			POINT LOAD: (lbs/ft²)	(ARRAY) WEIGHT/AREA = 2.77 lbs/ft²



Conduit & Conductor Schedule							
TAG	WIRE GAUGE	DESCRIPTION	QTY	CONDUIT SIZE	CONDUCTOR RATING	# OF CONDUCTORS DERATE	CONDUIT RATING W/DERATES
1	10 AWG	PV WIRE - USE 2 COPPER (L1, L2)	(2)	N/A - FREE AIR	40A	N/A - FREE AIR	38.4A
2	6 AWG	BAKE COPPER (GROUND)	(1)				
3	10 AWG	THWN-2, or THHN, or 10/2 NM-B COPPER - (L1, L2)	(2)	3/4" EMT	40A	1	38.4A
4	10 AWG	THHN/THWN-2, COPPER - (L1, L2)	(4)	3/4" EMT	40A	0.8	30.72A
5	10 AWG	THHN/THWN-2 - (GROUND)	(1)				
6	10 AWG	THWN-2 COPPER - (L1, L2, NEUTRAL)	(3)				
7	10 AWG	THWN-2 COPPER - (GROUND)	(1)				
8	8 AWG	THWN-2 COPPER - (L1, L2, NEUTRAL)	(3)				
9	NONE	N/A - NO GROUND WIRE PRESENT	(0)	3/4" EMT	50A	1	48A

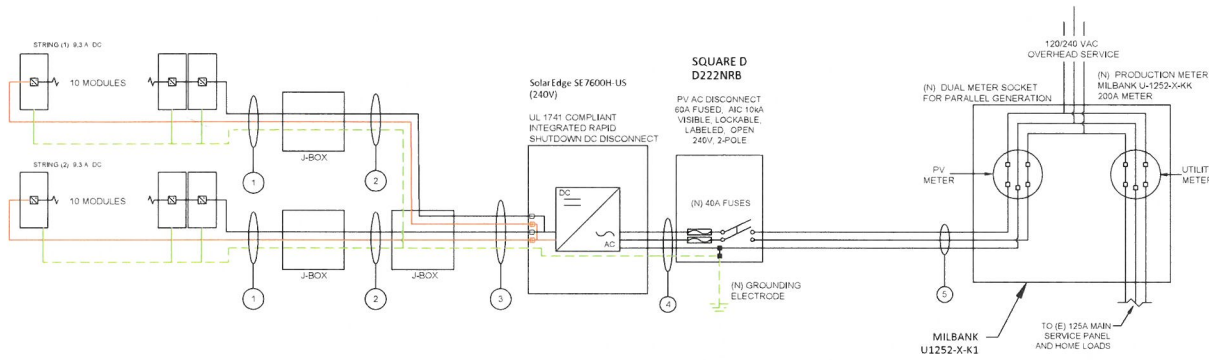
EQUIPMENT SCHEDULE:			
TYPE:	QTY:	DESCRIPTION:	RATING:
MODULES:	(20)	Silfab SIL-370 BK	370 W
INVERTERS:	(1)	SolarEdge SE7600H-US (240V)	7600 W
AC DISCONNECT(S):	(1)	PV AC DISCONNECT, 240V, 2-POLE	60A
DC OPTIMIZERS:	(20)	SolarEdge P370	15 Adc



CONTRACTOR INFORMATION:
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 3518 Broadway
 Fort Wayne, Indiana 46807
 844-440-2880

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 (20) Silfab SIL-370 BK PV MODULES
 (1) SolarEdge SE7600H-US (240V)
 INVERTER(S)
 We Energies



GROUNDING & GENERAL NOTES:

1. PV INVERTER IS UNGROUNDED, TRANSFORMER-LESS TYPE.
2. DC GEC AND AC GEC TO REMAIN UNSPLICED, OR SPLICED TO 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 [NEC 705.12(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

DRAWN BY: SoloCAD

DATE
 September 13, 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 THE INVERTER 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 THE INVERTER 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: 32
NOMINAL OPERATING AC VOLTAGE: 240

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

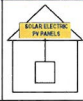
CABELING NOTES

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 1926.140, 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 [FC 605.11.1.1]

WARNING: PHOTOVOLTAIC POWER SOURCE

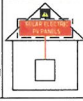
SOLAR PV SYSTEM EQUIPPED WITH RAPID SHUTDOWN

TURN RAPID SHUTDOWN
SWITCH TO THE "OFF"
POSITION TO SHUT DOWN
PV SYSTEM AND REDUCE
SHOCK HAZARD IN ARRAY



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



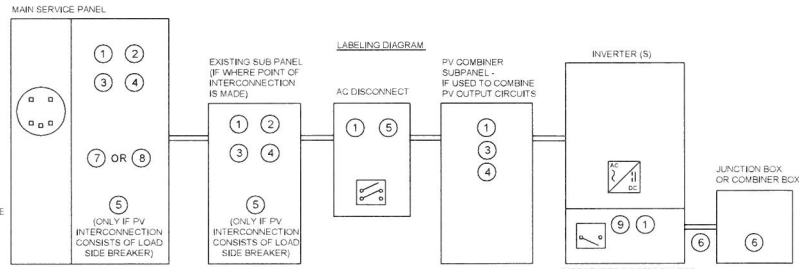
RAPID SHUTDOWN SWITCH FOR SOLAR PV SYSTEM

LABEL 6
AT DISCONNECTING MEANS WHERE THE LINE AND
LOAD TERMINALS MAY BE ENERGIZED IN THE OPEN
POSITION.
[NEC 690.13(B)]

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)]

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)]

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:

MODERN MILL SOLAR
3518 Broadway
Fort Wayne, Indiana 46807
844-440-2880

SITE INFORMATION

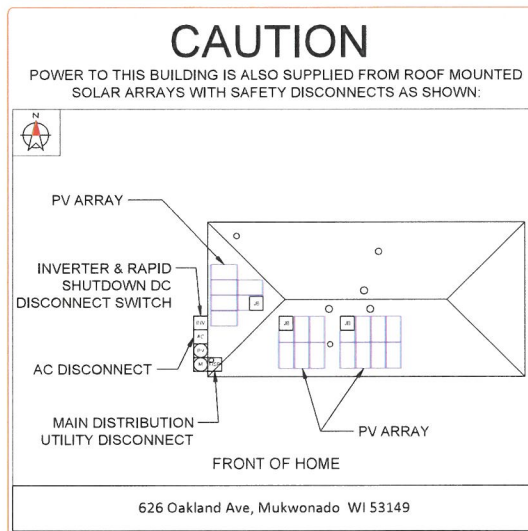
Michael Laufenberg
626 Oakland Ave
Mukwonago, WI 53149
AC SYSTEM SIZE: 7.6 kW AC
DC SYSTEM SIZE: 7.4 kW DC
Lat, 42.8697419
Long, -88.3242156
(20) Silfab SIL-370 BK PV MODULES

(1) SolarEdge SE7600H-US (240V)
INVERTER(S)
We Energies

DRAWN BY: SoloCAD

DATE
September 13, 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])



CONTRACTOR INFORMATION:
MODERN MILL SOLAR
3518 Broadway
Fort Wayne, Indiana 46807
844-440-2880

SITE INFORMATION

Michael Laufenberg
626 Oakland Ave
Mukwonago, WI 53149
AC SYSTEM SIZE: 7.6 kW AC
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(20) Silfab SIL-370 BK PV MODULES
(1) SolarEdge SE7600H-US (240V)
INVERTER(S)
We Energies

DRAWN BY: SoloCAD

DATE:
September 13, 2021

PLACARD - PV07

SITE PHOTOS:



CONTRACTOR INFORMATION:
MODERN MILL SOLAR
 3518 Broadway
 Fort Wayne, Indiana 46807
 844-440-2880

SITE INFORMATION

Michael Laufenberg
 626 Oakland Ave
 Mukwonago, WI 53149
 AC SYSTEM SIZE: 7.6 kW AC
 DC SYSTEM SIZE: 7.4 kW DC
 Lat, 42.8697419
 Long, -88.3242156
 (20) Silfab SIL-370 BK PV MODULES
 (1) SolarEdge SE7600H-US (240V)
 INVERTER(S)
 We Energies

DRAWN BY: SoloCAD

DATE:
 September 13, 2021

SITE PHOTOS - PV08

BC Series SIL-370 BK

(Early 2021)

HIGH EFFICIENCY PREMIUM MONO-PERC PV MODULE

Back Contact Technology

CE IEC UL

CHUBB

INDUSTRY LEADING WARRANTY
All our products include an industry leading 25-year product workmanship and 30-year performance warranty.

MAXIMUM ENERGY OUTPUT
Silfab BC Series utilizes next generation Back Contact technology to reduce production/manufacturing steps and improve quality while maximizing power. Ideal for residential and commercial projects where maximum power density is preferred.

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 100% made in North America.

PROVIDES MAXIMUM EFFICIENCY
High-efficiency cells combined with a black conductive back-sheet resulting in a maximum power rating of 370Wp.

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.

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 400PSF uplift. The lightweight frame is exclusively designed for wide-ranging racking compatibility and durability.

QUALITY MATTERS
Total automation ensures strict quality control during the entire manufacturing process at our ISO certified facilities.

DOMESTIC PRODUCTION
Silfab Solar manufactures PV modules in two automated locations within North America. 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.

SUPERIOR POWER
Super power achieved through relocation of tabbing ribbon to reduce shading on module front service and circuit resistance.

AESTHETICALLY PLEASING
Sleek aesthetics from black cells to black back-sheet without tabbing or bus-bar ribbons, ideal for residential applications.

STABLE PERFORMANCE
Enhanced lifetime performance through reduced thermal stresses and improved current flow paths.

PID RESISTANT
PID Resistant due to advanced cell technology and material selection. In accordance to IEC 62804-1.

Electrical Specifications		SIL-370 BK mono PERC MWT Technology	
Test Conditions		STC	NOCT
Module Power (Pmax)	Wp	370	276.87
Maximum power voltage (Vpmax)	V	38.3	35.91
Maximum power current (Ipmax)	A	9.66	7.71
Open circuit voltage (Voc)	V	45.0	42.19
Short circuit current (Isc)	A	10.29	8.29
Module efficiency	%	20.8	19.5
Maximum system voltage (VOC)	V		1000
Series fuse rating	A	20	
Power Tolerance	Wp	0 to +10	
Measurement conditions: STC 1000 W/m ² • AM 1.5 • Temperature 25 °C • NOCT 800 W/m ² • AM 1.5 • Measurement uncertainty ± 1% • Sun simulator calibration reference modules from Fraunhofer Institute. Electrical characteristics may vary by ±5% and power by 0 to +10%			
Temperature and Coefficients		SIL-370 BK mono PERC MWT Technology	
Temperature Coefficient Isc		+0.046 %/°C	
Temperature Coefficient Voc		-0.279 %/°C	
Temperature Coefficient Pmax		-0.377 %/°C	
NOCT (ts 2°C)		43.5 °C	
Operating temperature		-40/+85 °C	
Mechanical Properties and Components		SIL-370 BK mono PERC MWT Technology	
Module weight		19.040.2 kg	41.9x0.4 lbs
Dimensions (H x L x D)		1795 mm x 990 mm x 38 mm	70.67 in x 39.38 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		25 mm at 83 km/h	1 in at 51.0 mph
Cells		66 high efficiency back contact mono-PERC c-Si cells	66 high efficiency back contact mono-PERC c-Si cells
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	47.24 in, ø 0.22 in, MC4 from Staubli
Backsheet		Multilayer, integrated insulation film and electrically conductive backsheet, superior hydrolysis and UV resistance, 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, IP67 rated	
Warranties		SIL-370 BK mono PERC MWT Technology	
Product workmanship warranty		25 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-370 BK mono PERC MWT Technology	
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 C22.4-M1730-1/2*** IEC 62716 Ammonia Corrosion, IEC61701:2011 Salt Mist Corrosion Certified, UL Fire Rating: Type I ISO 9001:2015	
Factory		Modules Per Pallet: 26 Pallets Per Truck: 34 Modules Per Truck: 884 *Always 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.silfab.com ***Certification anticipated November 2020 PAF files generated from 3rd party performance data are available for download at: www.ilfab.com/download	

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info@silfab.com | www.silfab.com

Silfab Solar Inc.
800 Cornwall Ave
Bellevue, WA 98225 USA
Tel: +1 360-664-7331

SE3000H-US / SE3800H-US / SE5000H-US / SE6000H-US /
SE7600H-US / SE10000H-US / SE11400H-US



Optimized installation with HD-Wave technology

- Specifically designed to work with power optimizers
- Record-breaking efficiency
- Fixed voltage inverter for longer strings
- Integrated arc fault protection and rapid shutdown for NEC 2014 and 2017, per article 690.11 and 690.12
- UL1741 SA certified, for CPUC Rule 21 grid compliance
- Extremely small
- Built-in module-level monitoring
- Outdoor and indoor installation
- Optional: Revenue grade data, ANSI C12.20 Class 0.5 (0.5% accuracy)

solaredge.com

INVERTERS

Single Phase Inverter
with HD-Wave Technology for North America
SE3000H-US / SE3800H-US / SE5000H-US / SE6000H-US/
SE7600H-US / SE10000H-US / SE11400H-US

	SEASOON 1S	SEASOON 3S	SEASOON 5S	SEASOON 7S	SEASOON 10S	SEASOON 15S	SEASOON 20S	SEASOON 30S	SEASOON 40S
OUTPUT									
Rated AC Power Output	300W	1400 W @24V 1300 W @200V	500W	670W @ 24V 510W @ 200V	2000	3000	1000W	1800 W @24V 1600 W @200V	2A
Maximum AC Power Output	900W	3000 W @24V 1540 W @ 200V	500W	600W @ 24V 540 W @ 200V	700W	1000W	3000 W @24V 1600 W @200V		3A
AC Output Voltage Min-Max (Vrms)	127 ~ 264								1A
AC Output Voltage Min-Max (Vrms)	118 ~ 208 ~270								1A
AC Frequency (Hz/Hz)				50 / 60 / 45 / 5					1A
Maximum Continuous Output current @40°C	5.5 A	16	21	25	32	40	47.1		3A
Maximum Continuous Output Current @50°C	-	16		24			40		3A
GD/ Threshold									A
Utility Monitoring (Sensing Protection)									
Custom Configuration Threshold					Yes				
INPUT									
Maximum DC Power @24V	460W	500W	170W	500W	1100W	1500W	1500W	1500W	W
Maximum DC Power @300V	500W	500W		750W	1500W	1500W	1500W	1500W	W
Transformerless, Ungrounded				Yes					
Maximum Input Voltage			380V	460V			400V		VDC
Normal DC Input Voltage									30V
Maximum Input Current @24V	15.5	15.5	15.5	16.5	20	22	30.2		30A
Maximum Input Current @300V	9			8.5			27		30A
Max. Input Short-Circuit Current				45					30A
Inverter-Failure Protection				Yes					
Over and Fault Protection Detection				IP00, Sensitivity					
Maximum Inverter Efficiency	99			99.2			99.6 @ 50V 99.3 @ 300V		%
CEC Weighted Efficiency			99						%
High-Power Power Consumption				< 2.5					W
ADDITIONAL FEATURES									
Supported Communication interfaces				RS485, Ethernet, ZigBee (optional), Cellular (optional)					
Revenue Loss Data (NEMA 1570)				Optional					
Input Protection: ANSI, IEC60 and 2017 IEC 627				Asymmetric, IEC60, Shuntless, IEC60, AC Grid Disconnect					
STANDARD COMPLIANCE									
Safety				UL 1741, UL 1741-SA, UL 1699B, CSA C22.2, Canadian Agency's conformity to T.T.L. M 07					
CEC Compliance Standards				IEB 5447, IEC 621, Rule M-010					
Environmental				IP65, IEC 60068-2-1, IEC 60068-2-27					
INSTALLATION SPECIFICATIONS									
AC Output Cord Size / AWG Range				1" Maximum / 14 AWG				1" Maximum / 14 AWG	
DC Input Cord Size / AWG Range				1" Maximum / 2.5 AWG / 14 AWG				1" Maximum / 2.5 AWG / 14 AWG	
AC Input Cord Size / AWG Range				1.25" / 16 AWG / 1.5 AWG / 12 AWG				2.125" / 16 AWG / 1.5 AWG / 12 AWG	1" min 2.125"
Maximum with Safety Switch (inches)				2.75" / 11.8"				3.82" / 12.5"	2.81A 3.82A
Minimum with Safety Switch (inches)	2.2" / 8"			1.25" / 11.8"				1.5"	1.5A
Cabling				Not for Cabling					
Capacitors, Temperature Range				-55 to +140 / -25 to +140 / -40 to +140 (optional)					5 to 15°C
Protection Rating				NEMA-4X (weather with Safety Switch)					

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RoHS

For North America
P320 / P340 / P370 / P400 / P405 / P505

For North America
P320 / P340 / P370 / P400 / P405 / P505



POWER OPTIMIZER

For North America

P320 / P340 / P370 / P400 / P405 / P505

Optimizer model (typical model compatibility)	P320 (for 60-cell modules)	P340 (for high- power 65-cell modules)	P370 (for higher- power 69 and 72-cell modules)	P400 (for 72 & 96- cell modules)	P405 (for thin film modules)	P505 (for higher current modules)	
INPUT							
Rated Input DC Power ¹	320	340	370	400	405	505	W
Absolute Maximum Input Voltage (at 0° Power Temperature)	48	60	60	80	125 ¹	37 ¹	V ²
MPPT Operating Range	8 ~ 48		8 ~ 60	8 ~ 80	12.5 ~ 13.5	12.5 ~ 48	Vdc
Maximum Short Circuit Current (ISC)		11		10.1		16	A ³
Maximum DC Input Current	18.75			12.5		17.5	A ³
Maximum Efficiency			99.5				%
Weighted Efficiency			98.8			98.6	%
Overvoltage Category				B			
OUTPUT DURING OPERATION (POWER OPTIMIZER CONNECTED TO OPERATING SOLAREGE INVERTER)							
Maximum Output Current			15				A ⁴
Maximum Output Voltage		60			80		V ²
OUTPUT DURING STANDBY (POWER OPTIMIZER DISCONNECTED FROM SOLAREGE INVERTER OR SOLAREGE INVERTER OFF)							
Stby Output Voltage per Power Optimizer			1 ± 0.1				Vdc
STANDARD COMPLIANCE							
ETL			FCC Part 5, Class B (CE610004-2, FCC 10004-3)				
Safety			IEC 60950-1 Class B safety, 13.7(24)				
Material			UL 94 V-0, UL 94 V-0 Retardant				
RoHS			Yes				
INSTALLATION SPECIFICATIONS							
Maximum Allowed System Voltage			610V				Vdc
Compliance (inverter)			All SolarEdge Single Phase and Three Phase inverters				
Dimensions W x L x H		129 x 183 x 27.5 (3 x 6 x 1)		109 x 151 x 33.5 5.1 x 5.9 x 1.3	125 x 189 x 40.5 ⁷ 5 x 7.4 x 1.6	129 x 162 x 19 5.1 x 6.4 x 0.75	mm / in
Weight (including cables)		832 / 184		727 / 167	845 / 189	1044 / 232	g / lbs
Input Connector				Single or dual MC4 ⁸			
Input Wire Length				0.16 / 3.2			m / ft
Output Wire Type / Connector				Unshielded / MC4			
Output Wire Length		65 / 2.95			12 / 3.9		m / ft
Operating Temperature Range				-40 ~ +85 / -40 ~ +185			°C / °F
Indemnity Rating				P400 / MC4/M50			
Relative Humidity				0 ~ 100%			

* Rated power of the module at 57°C will not exceed the optimizer "Rated Input DC Power". Modules with up to +5% power tolerance are allowed.

- NLC 201/ requires max input voltage be not more than 87V

PV System Design Using a SolarEdge Inverter	Single Phase H0-Wave	Single phase	Three Phase 206V	Three Phase 480V
Minimum String Length (Power Optimizers)	F430, F440, F470, F490	8	10	8
Maximum String Length (Power Optimizers)	F490 / F470	25	31 (21 with SE10)	14
Maximum Power (Per 60 PV)	1/20, 8000 with SE760A or 50 – SE764C or 50	5210	6000	62150
Maximum Strings of Different Lengths (Power Optimizers)		Yes		

For details about a string information refer to <http://www.fh-berlin.de/~computer/default.htm?size=252.no.1>.
 The string is allowed to contain any ASCII characters with P1259.P1400.P1401.P1402.P1403.P1404.P1405.P1406.P1407.P1408.P1409.P1410.P1411.P1412.P1413.P1414.P1415.P1416.P1417.P1418.P1419.P1420.P1421.P1422.P1423.P1424.P1425.P1426.P1427.P1428.P1429.P1430.P1431.P1432.P1433.P1434.P1435.P1436.P1437.P1438.P1439.P1440.P1441.P1442.P1443.P1444.P1445.P1446.P1447.P1448.P1449.P1450.P1451.P1452.P1453.P1454.P1455.P1456.P1457.P1458.P1459.P1460.P1461.P1462.P1463.P1464.P1465.P1466.P1467.P1468.P1469.P1470.P1471.P1472.P1473.P1474.P1475.P1476.P1477.P1478.P1479.P1480.P1481.P1482.P1483.P1484.P1485.P1486.P1487.P1488.P1489.P1490.P1491.P1492.P1493.P1494.P1495.P1496.P1497.P1498.P1499.P1500.P1501.P1502.P1503.P1504.P1505.P1506.P1507.P1508.P1509.P1510.P1511.P1512.P1513.P1514.P1515.P1516.P1517.P1518.P1519.P1520.P1521.P1522.P1523.P1524.P1525.P1526.P1527.P1528.P1529.P1530.P1531.P1532.P1533.P1534.P1535.P1536.P1537.P1538.P1539.P1540.P1541.P1542.P1543.P1544.P1545.P1546.P1547.P1548.P1549.P1550.P1551.P1552.P1553.P1554.P1555.P1556.P1557.P1558.P1559.P1560.P1561.P1562.P1563.P1564.P1565.P1566.P1567.P1568.P1569.P1570.P1571.P1572.P1573.P1574.P1575.P1576.P1577.P1578.P1579.P1580.P1581.P1582.P1583.P1584.P1585.P1586.P1587.P1588.P1589.P1590.P1591.P1592.P1593.P1594.P1595.P1596.P1597.P1598.P1599.P1600.P1601.P1602.P1603.P1604.P1605.P1606.P1607.P1608.P1609.P1610.P1611.P1612.P1613.P1614.P1615.P1616.P1617.P1618.P1619.P1620.P1621.P1622.P1623.P1624.P1625.P1626.P1627.P1628.P1629.P1630.P1631.P1632.P1633.P1634.P1635.P1636.P1637.P1638.P1639.P1640.P1641.P1642.P1643.P1644.P1645.P1646.P1647.P1648.P1649.P1650.P1651.P1652.P1653.P1654.P1655.P1656.P1657.P1658.P1659.P1660.P1661.P1662.P1663.P1664.P1665.P1666.P1667.P1668.P1669.P1670.P1671.P1672.P1673.P1674.P1675.P1676.P1677.P1678.P1679.P1680.P1681.P1682.P1683.P1684.P1685.P1686.P1687.P1688.P1689.P1690.P1691.P1692.P1693.P1694.P1695.P1696.P1697.P1698.P1699.P1700.P1701.P1702.P1703.P1704.P1705.P1706.P1707.P1708.P1709.P1710.P1711.P1712.P1713.P1714.P1715.P1716.P1717.P1718.P1719.P1720.P1721.P1722.P1723.P1724.P1725.P1726.P1727.P1728.P1729.P1730.P1731.P1732.P1733.P1734.P1735.P1736.P1737.P1738.P1739.P1740.P1741.P1742.P1743.P1744.P1745.P1746.P1747.P1748.P1749.P1750.P1751.P1752.P1753.P1754.P1755.P1756.P1757.P1758.P1759.P1760.P1761.P1762.P1763.P1764.P1765.P1766.P1767.P1768.P1769.P1770.P1771.P1772.P1773.P1774.P1775.P1776.P1777.P1778.P1779.P1780.P1781.P1782.P1783.P1784.P1785.P1786.P1787.P1788.P1789.P1790.P1791.P1792.P1793.P1794.P1795.P1796.P1797.P1798.P1799.P1800.P1801.P1802.P1803.P1804.P1805.P1806.P1807.P1808.P1809.P1810.P1811.P1812.P1813.P1814.P1815.P1816.P1817.P1818.P1819.P1820.P1821.P1822.P1823.P1824.P1825.P1826.P1827.P1828.P1829.P1830.P1831.P1832.P1833.P1834.P1835.P1836.P1837.P1838.P1839.P1840.P1841.P1842.P1843.P1844.P1845.P1846.P1847.P1848.P1849.P1850.P1851.P1852.P1853.P1854.P1855.P1856.P1857.P1858.P1859.P1860.P1861.P1862.P1863.P1864.P1865.P1866.P1867.P1868.P1869.P1870.P1871.P1872.P1873.P1874.P1875.P1876.P1877.P1878.P1879.P1880.P1881.P1882.P1883.P1884.P1885.P1886.P1887.P1888.P1889.P1890.P1891.P1892.P1893.P1894.P1895.P1896.P1897.P1898.P1899.P1900.P1901.P1902.P1903.P1904.P1905.P1906.P1907.P1908.P1909.P1910.P1911.P1912.P1913.P1914.P1915.P1916.P1917.P1918.P1919.P1920.P1921.P1922.P1923.P1924.P1925.P1926.P1927.P1928.P1929.P1930.P1931.P1932.P1933.P1934.P1935.P1936.P1937.P1938.P1939.P1940.P1941.P1942.P1943.P1944.P1945.P1946.P1947.P1948.P1949.P1950.P1951.P1952.P1953.P1954.P1955.P1956.P1957.P1958.P1959.P1960.P1961.P1962.P1963.P1964.P1965.P1966.P1967.P1968.P1969.P1970.P1971.P1972.P1973.P1974.P1975.P1976.P1977.P1978.P1979.P1980.P1981.P1982.P1983.P1984.P1985.P1986.P1987.P1988.P1989.P1990.P1991.P1992.P1993.P1994.P1995.P1996.P1997.P1998.P1999.P2000.

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CE RoHS

solaredge.com



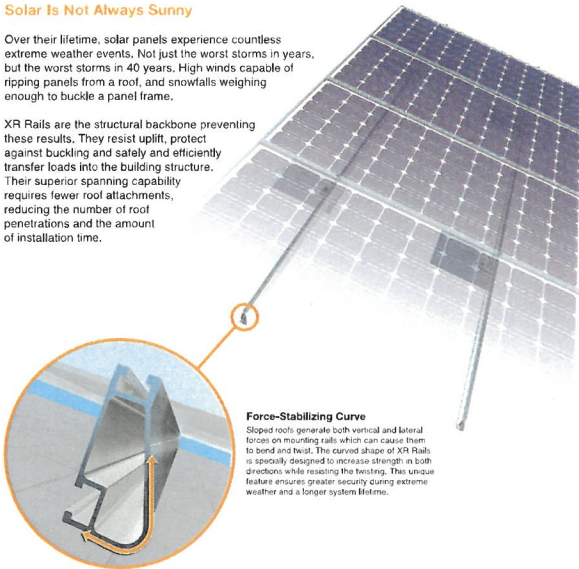


XR Rail Family

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 FlushFoot 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.



Tech Brief

Tech Brief

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 is 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						
	160						
120	160						

*Values are based on 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.





FlashFoot2

Tech Brief

The Strongest Attachment in Solar

IronRidge FlashFoot2 raises the bar in solar roof protection. The unique water seal design is both elevated and encapsulated, delivering redundant layers of protection against water intrusion. In addition, the twist-on Cap perfectly aligns the rail attachment with the lag bolt to maximize mechanical strength.

Twist-On Cap

FlashFoot2's unique Cap design encapsulates the lag bolt and locks into place with a simple twist. The Cap helps FlashFoot2 deliver superior structural strength, by aligning the rail and lag bolt in a concentric load path.

Three-Tier Water Seal

FlashFoot2's seal architecture utilizes three layers of protection. An elevated platform diverts water away, while a stack of rugged components raises the seal an entire inch. The seal is then fully-encapsulated by the Cap. FlashFoot2 is the first solar attachment to pass the TAS-100 Wind-Driven Rain Test.

Single Socket Size

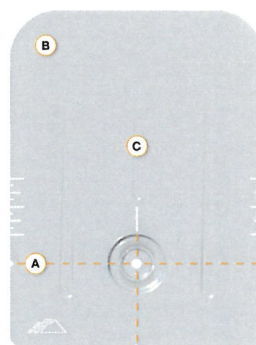
A custom-design lag bolt allows you to install FlashFoot2 with the same 7/16" socket size used on other Flush Mount System components.

Water-Shedding Design

An elevated platform diverts water away from the water seal.

Installation Features

Tech Brief



A Alignment Markers

Quickly align the flashing with chalk lines to find pilot holes.

B Rounded Corners

Makes it easier to handle and insert under the roof shingles.

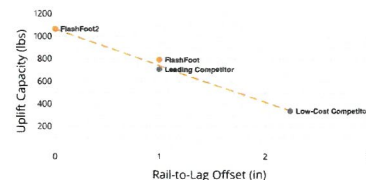
C Reinforcement Ribs

Help to stiffen the flashing and prevent any bending or crinkling during installation.

Benefits of Concentric Loading

Traditional solar attachments have a horizontal offset between the rail and lag bolt, which introduces leverage on the lag bolt and decreases uplift capacity.

FlashFoot2 is the only product to align the rail and lag bolt. This concentric loading design results in a stronger attachment for the system.



Testing & Certification

Structural Certification

Designed and Certified for Compliance with the International Building Code & ASCE/SEI-7.

Water Seal Ratings

Water Sealing Tested to UL 441 Section 27 "Rain Test" and TAS 100-95 "Wind Driven Rain Test" by Intertek. Ratings applicable for composition shingle roofs having slopes between 2:12 and 12:12.

UL 2703

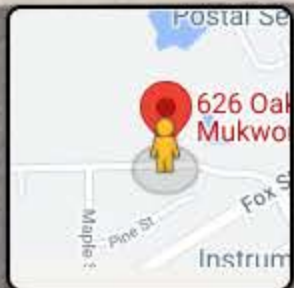
Conforms to UL 2703 Mechanical and Bonding Requirements. See Flush Mount Install Manual for full ratings.

626 Oakland Ave

Mukwonago, Wisconsin



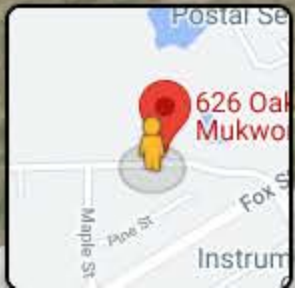
Street View - Aug 2018



Google



147



620 Oakland Ave
Mukwonago, Wisconsin

Google

Street View - Aug 2018



Google

Navigation controls including a compass, zoom in (+) and zoom out (-) buttons, and a street view pegman icon.

149

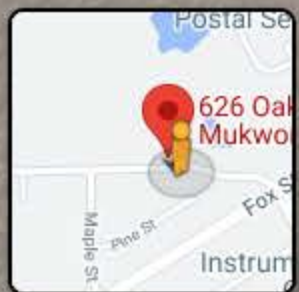
632 Oakland Ave

Mukwonago, Wisconsin



Google

Street View - Aug 2018



Google

150

**VILLAGE OF MUKWONAGO
WAUKESHA AND WALWORTH COUNTIES**

RESOLUTION NO. 2022-04

**A RESOLUTION FOR SITE PLAN AND ARCHTIEICTURAL REVIEW FOR MARVIN SMITH
626 OAKLAND AVENUE, PARCEL MUKV 1970-995**

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 MICHAEL J LAUFENBERG

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 626 Oakland 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 Village planner. 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, a pre-construction meeting must be held with the applicant's representatives and primary contractors, and the Village Inspections Department.
3. 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.
4. 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.
5. All work related to this project must comply with all project plans approved by the Village.
6. The developer must comply with all requirements related to impact fees imposed by the Village.
7. The developer shall comply with all parts of the Municipal Code as it relates to this project.
8. 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.

9. At the time of approval there is one Shade tree located near the intersection of Field St and Shore Drive. This tree provides the required screening from the public right of way as required by Section 100-102 (2) c. If in the future this tree is damaged due to weather, disease, age, etc. and the tree is removed then a new tree shall be planted to maintain the requirements of screening from the public right of way. This requirement shall be required for as long as the solar panels are located on the front side of the structure under current or future ownership.
10. 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 19th day of January 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

January 11, 2022 at 6:30pm
Mukwonago, WI

SITE PLAN AND ARCHITECTURAL REVIEW AND CONDITIONAL USE PERMIT

710 and 712 Main Street
Parcel Number: MUKV 1976-208-001

Case Summary

Parcel Data

Proposal:	Site Improvements
Applicant:	Harjinder Khasria
Request:	Site Plan and Architectural Review
Staff Recommendation:	Approve with Conditions

Parcel Characteristics / Conditions

Acreage:	0.834
Current Use:	Gas Station / Convenience Store / Class A Combination Establishment License
Proposed Use:	Gas Station / Convenience Store / Class A Combination Establishment License
Reason for Request:	Site improvements done <u>without</u> permits or Site Plan and Architectural Review Approval
Land Use Classification:	Historic Residential – 12,000 Sq. Ft.
Zoning Classification:	B-1 Neighborhood Business District / Village Center – Multi-purpose Perimeter.
Census Tract:	2039.01

Site Plan and Architectural Review Request

Site Plan Approval Violation	In August of 2021 the applicant applied for an electrical permit to replace the existing underground tanks. The applicant did not seek Site and Architectural Review or other permits. The scope of the replacement of the underground tanks included resurfacing the site from asphalt to concrete, light grading, installation of bases for lights, electrical for vacuums and air stations. Staff contacted the applicant in person as the concrete was being poured, staff indicated that they were proceeding at their own risk and that the concrete may need to be removed based upon formal approvals. The concrete installation continued the following day. No citations were issued as the applicant indicate they would apply immediately and had plans for a full remodel. Staff provided the applicant and concrete company information with
-------------------------------------	--

information regarding the required landscape buffer between the property line and three feet in depth in areas where there is not a driveway. The applicant created one buffer with no curbing. They were aware at the time of the concrete pour that the concrete would need to be removed to be compliant.

**Architectural/ Site Review
Site Modifications**

The applicant is seeking approval for the following:

- Resurfacing about 50% of the site with concrete.
- Relocation of the vacuum system
- Relocation of the air system
- Additional new lighting
- Landscaping
- Bollards
- Charging station for Electric Vehicles
- Dumpster Enclosure

Utilities
Stormwater Management
Wetlands
Signage
Parking
Landscaping
Trash Enclosure
Fencing
Outdoor Lighting
Misc. Performance Standards

No modifications at this time.
No modifications at this time.
None
No modifications at this time.
No modifications at this time.
No modifications at this time.
No modifications at this time.
No modifications at this time.
No modifications at this time.
None

Staff Review

Engineering
Public Works
Utilities
Police
Fire
Building Inspection
Planning

No concerns at this time
No concerns at this time
No concerns at this time
No concerns at this time
No concerns at this time
No concerns at this time
Staff has the following comments:

- Planting Areas:
- Staff is concerned about the detail of the landscaping buffer between the sidewalk and circulation area of the gas station. The detail shows the existing concrete to remain, and a 4 ft planting area created. Create a condition where most plantings will not survive drought or severe lower temperatures. In addition, the planting area will provide for no infiltration of rain water to the ground as the excess water will have to run through the retaining walls or create a situation where roots are in a water logged situation. As noted, the applicant was aware

- of the buffer requirement and was aware that excessive concrete would need to be cut away.
- Staff is concerned that a 4 ft high retaining wall will cause visibility issues for both vehicle and pedestrian both on and off site, as well as visibility for the police department in response to emergency calls.
- Staff recommends the concrete be removed, the planting walls not be higher than 1 ft from grade and plantings be selected to either reach 2ft or be able to be maintained at 2ft to allow the overall height to be 3 ft.
- Dumpster:
- Staff recommends dumpster option one and not option 2 made from highway barriers and plywood.

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 Village planner. 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, a pre-construction meeting must be held with the applicant's representatives and primary contractors, and the Village Inspections Department.
3. 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.
4. The applicant must obtain all required zoning and building permits within nine months of this date, and start construction within six months of the date of zoning/building permit issuance and continue in good faith to completion.
5. All work related to this project must comply with all project plans approved by the Village.
6. The developer must comply with all requirements related to impact fees imposed by the Village.
7. The developer shall comply with all parts of the Municipal Code as it relates to this project.
8. 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.
9. The dumpster plan approved is the Option 1, masonry block construction with the final cladding of the enclosure to be approve by staff. Options for cladding include brick, cement board cladding to match building, or other similar durable material.
10. The dumpster enclosure shall be expanded to allow for a man door to be installed to allow for access to the dumpsters without having to open gates.
11. The planting area in the NW corner of the property shall have the concrete removed. Retaining walls shall not be more than 1 ft from grade. The retaining wall material shall be approved by the Planner. The specifics of plantings shall be provided prior to permits and approved by the planner. Plantings shall be maintained at 3 feet from grade.

12. The planting area between driveways onto Main Street shall have curbs, as well as shrubs and 1 deciduous tree to be approved by Planning Staff.
13. 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 Photo

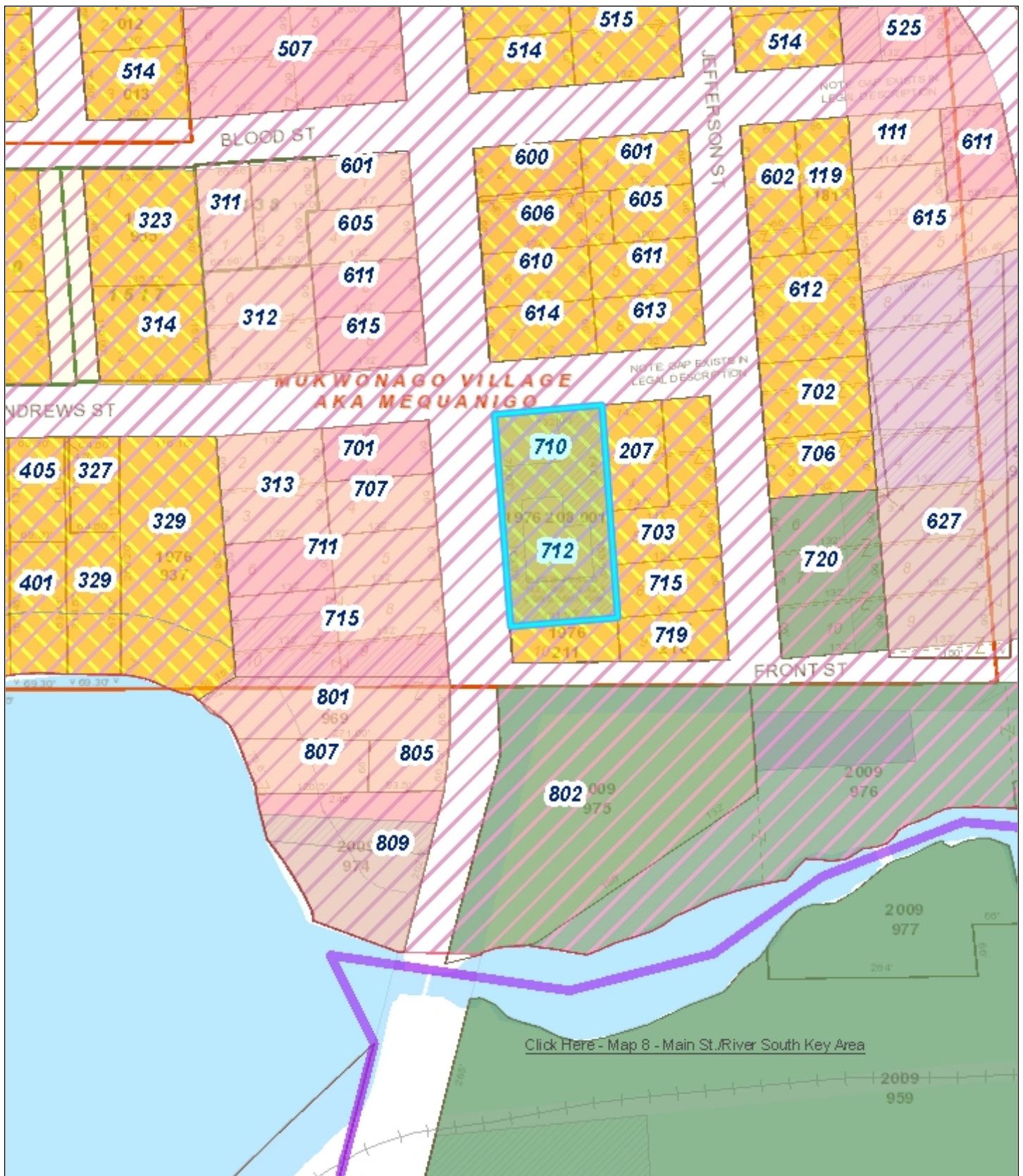
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SCALE: 1" = 167'

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

Print Date: 9/16/2021



Village of Mukwonago GIS

Land Use

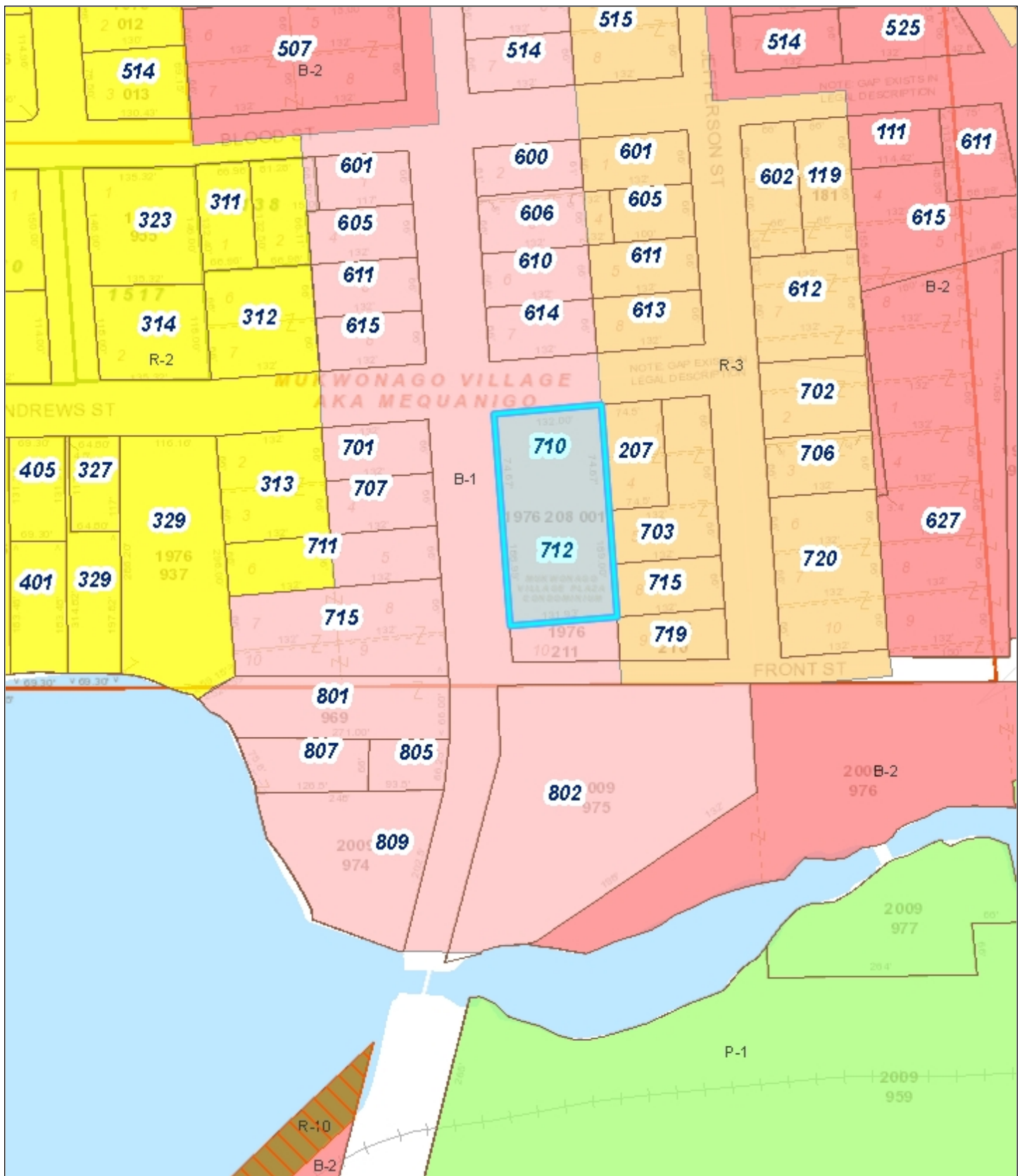
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Print Date: 9/16/2021



Village of Mukwonago GIS Zoning

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VILLAGE OF MUKWONAGO
440 River Crest Court
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Print Date: 9/16/2021

TYPE	DESCRIPTION	PLANTING SIZE	NATURE SIZE	QUANTITY
A	EXISTING TREES TO REMAIN	-	-	1
B	NEW TREES - T.B.D.	18-24" H	4" DIA	8
C	TAXUS TAUNTONII	15-18" H	3" DIA	17
D	DWARF SPIREA FROEBELII			

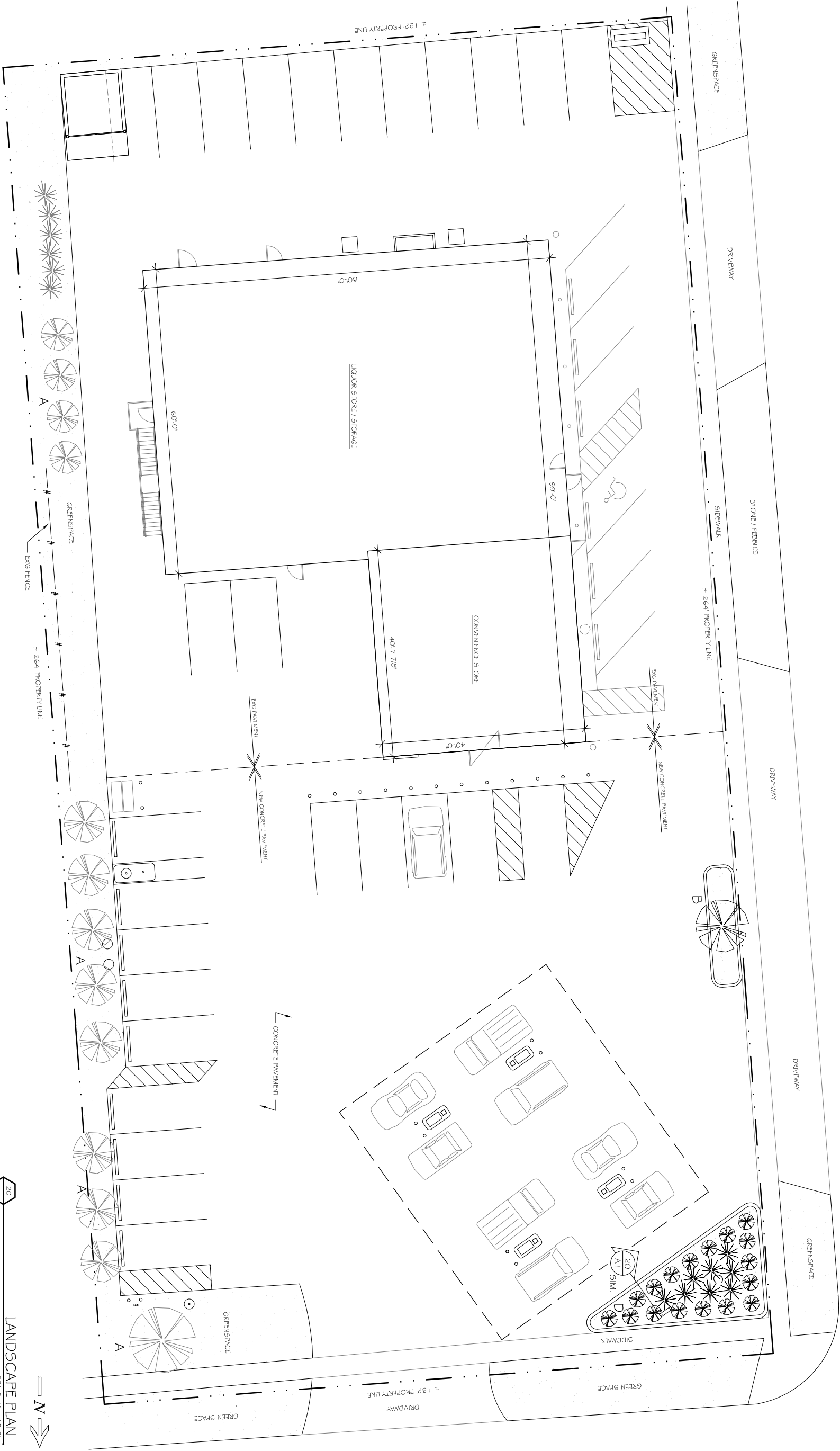
PLANTING SCHEDULE

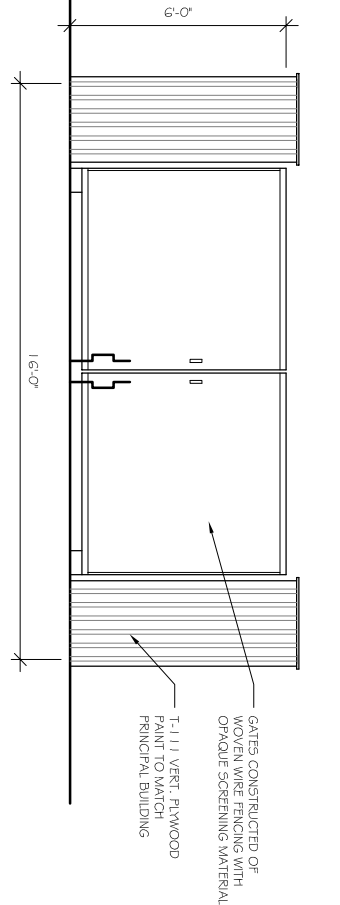
SITE INFORMATION:

SITE AREA:	± 34970 S.F. (± 0.80 ACRE)
IMPERMEABLE SURFACE AREA:	± 31295 S.F. (± 89.5%)
GREEN SPACE AREA:	± 3675 S.F. (± 10.5%)

ALL DRAWINGS ARE
1/2 SCALE SHOWN

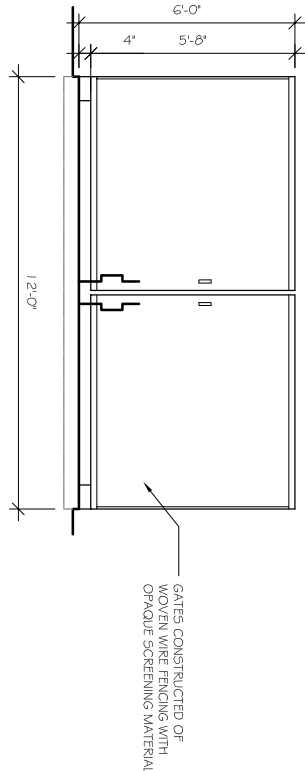
VERIFY ALL CONDITIONS AND DIMENSIONS ON
THE JOB AND NOTIFY THE DESIGN ALLIANCE
ARCHITECTS, INC. OF ANY DISCREPANCIES
PRIOR TO START.





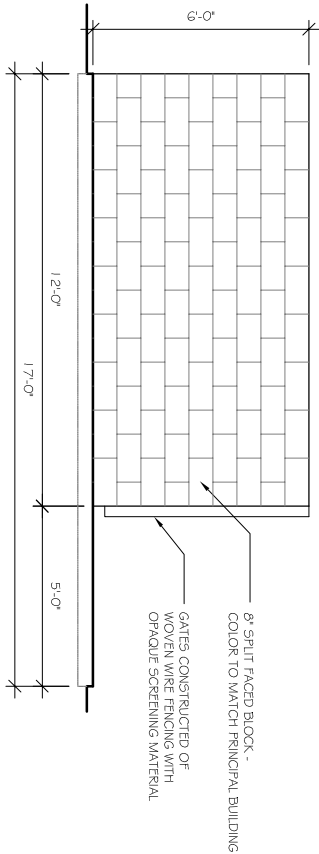
DUMPSTER ENCLOSURE FRONT ELEVATION
(ALTERNATE OPTION)

SCALE: 3/8" = 1'-0"
202 I/VILLAGE PUMPER/VF-DRAWINGS.DWG
DATE: 10/22/2019



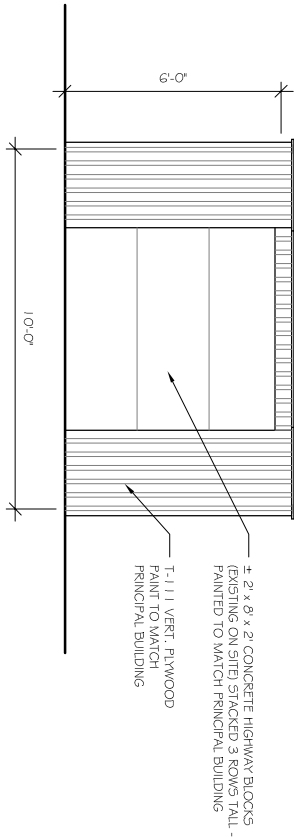
DUMPSTER ENCLOSURE FRONT ELEVATION

SCALE: 3/8" = 1'-0"
2019VILLAGE PUMPER/VF-DRAWINGS.DWG
DATE: 1/21/2020



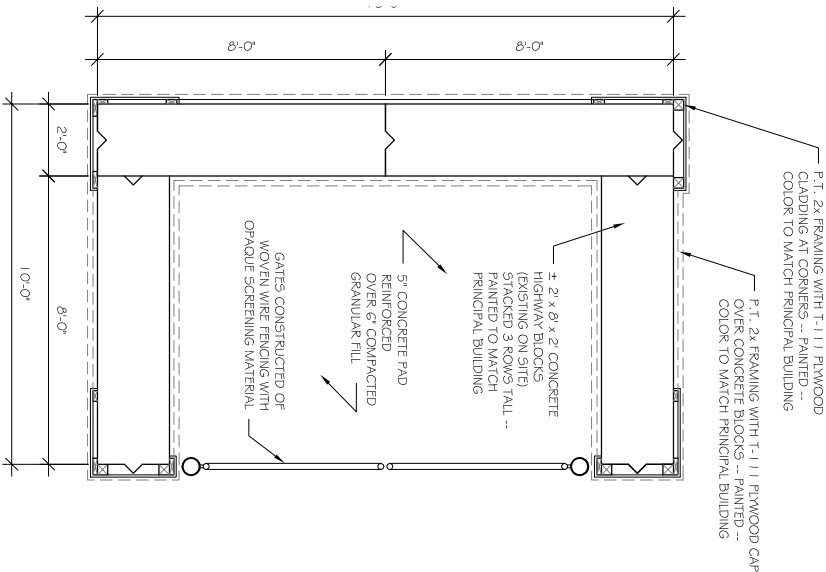
DUMPSTER ENCLOSURE SIDE ELEVATION

SCALE: 3/8" = 1'-0"
2019VILLAGE PUMPER/VF-DRAWINGS.DWG
DATE: 1/21/2020



DUMPSTER ENCLOSURE SIDE ELEVATION
(ALTERNATE OPTION)

SCALE: 3/8" = 1'-0"
202 I/VILLAGE PUMPER/VF-DRAWINGS.DWG
DATE: 10/22/2019

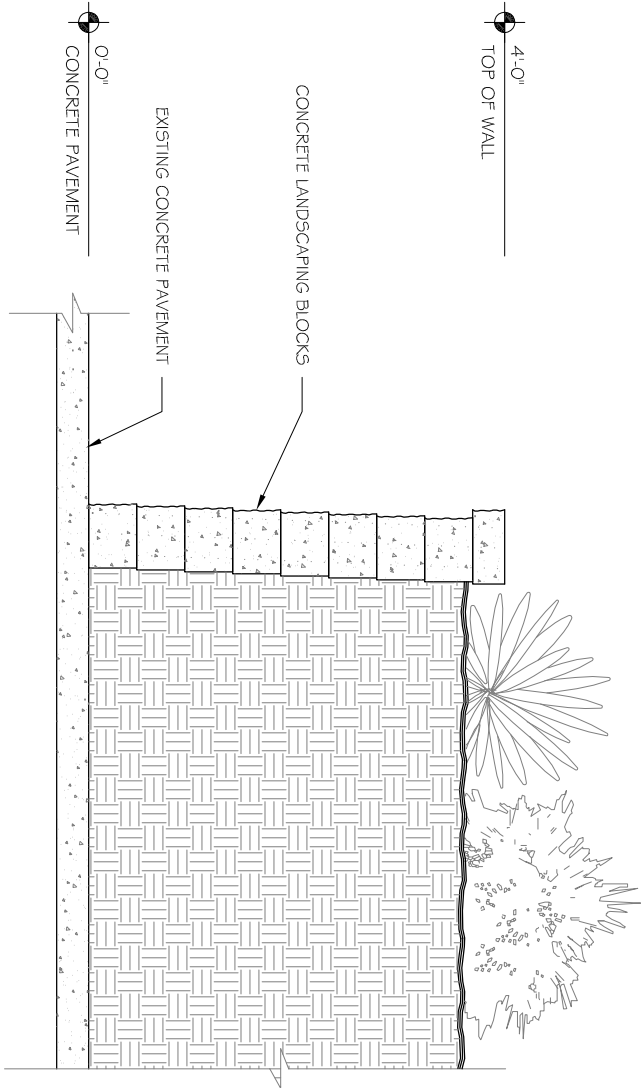


DUMPSTER ENCLOSURE PLAN
(ALTERNATE OPTION)

SCALE: 3/8" = 1'-0"
202 I/VILLAGE PUMPER/VF-DRAWINGS.DWG
DATE: 10/22/2019

VERIFY ALL CONDITIONS AND DIMENSIONS ON
THE JOB AND NOTIFY THE DESIGN ALLIANCE
ARCHITECTS, INC. OF ANY DISCREPANCIES
PRIOR TO START.

ALL DRAWINGS ARE
1/2 SCALE SHOWN



RAISED LANDSCAPING PLANTER SECTION

SCALE: N.T.S.
202 I/VILLAGE PUMPER/VF-DRAWINGS.DWG
DATE: 10/22/2019

710 Main Street
Mukwonago, WI

PROJECT DESCRIPTION:

BUILDING INFORMATION:	
CONSTRUCTION TYPE:	TYPE VB
BUILDING FOOTPRINT:	6,360 S.F.
NO. OF FLOORS:	1
OCCUPANCY GROUP:	M / S-1
SPRINKLERED:	NONE
SOIL BEARING	3,000 <i>psf</i> ASSUMED

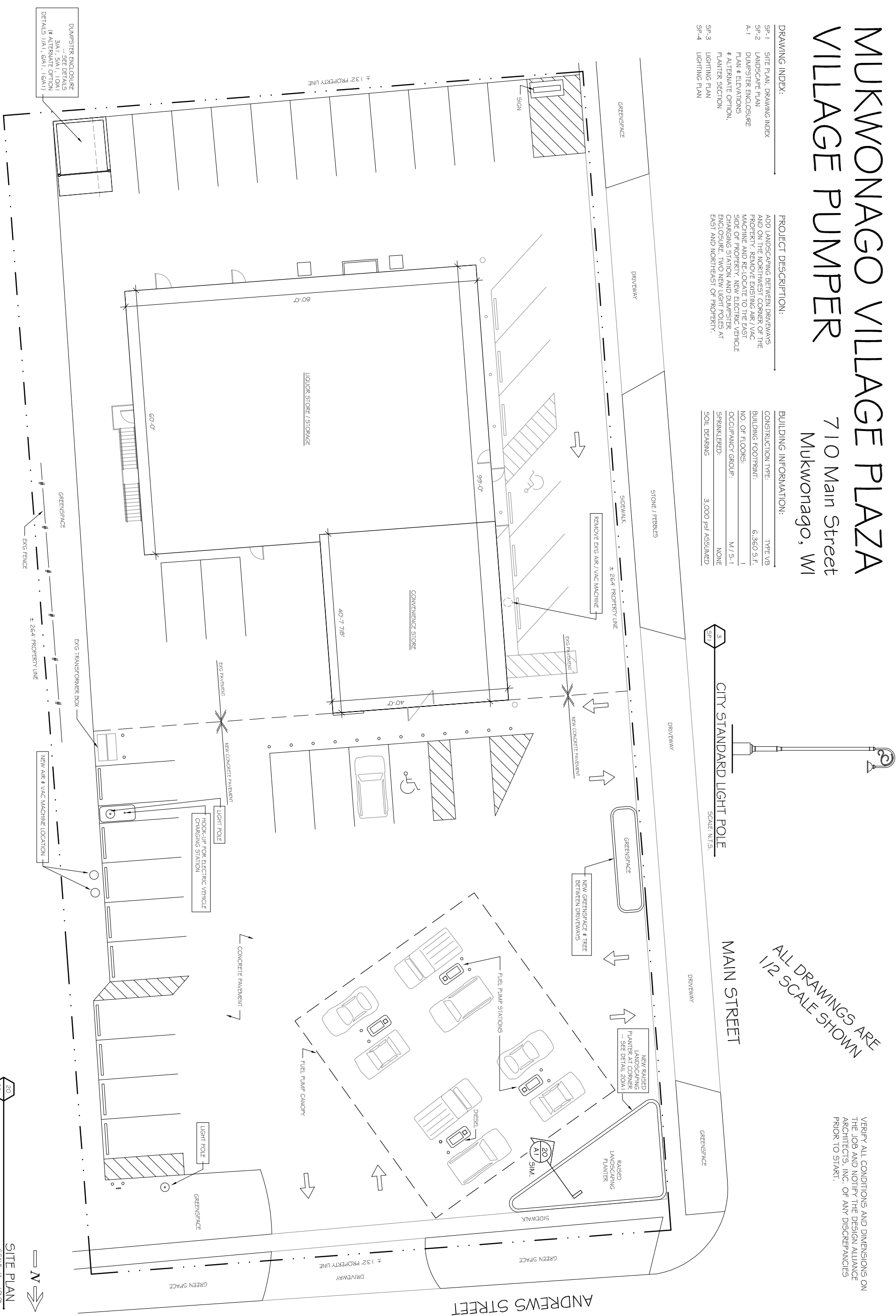
ADD LANDSCAPING BETWEEN DRIVEWAYS
AND ON THE NORTHWEST CORNER OF THE

MACHINE AND RE-LOCATE TO THE EAST
PROPERTY. REMOVE EXISTING AIR / VAC
AND ON THE NORTHWEST CORNER OF THE

1. CAN & ELEVATIONS
& ALTERNATE OPTION,
SIDE OF PROPERTY, NEW ELECTRIC VEHICLE
CHARGING STATION AND DUMPSTER
ENCLOSURE THIS WILL NOT BE AT

ENCLOSURE. TWO NEW LIGHT POLES A

SP-3 LIGHTING PLAN



VERIFY ALL CONDITIONS AND DIMENSIONS ON THE JOB AND NOTIFY THE DESIGN ALLIANCE ARCHITECTS, INC. OF ANY DISCREPANCIES PRIOR TO START.

MUKWONAGO VILLAGE PLAZA
VILLAGE PUMPER
710 Main St
Mukwanago, WI

DRAWING NAMES

SITE PLAN

DRAWING INDEX

REVISIONS

PROJECT DATA

DATE: 12/6/202

DRAWN BY: C.J.

CHECKED BY: P.W.

SHEET NO.

SP

theDesign
Alliance —————
Architects, Inc.

1003 Madison Avenue
Fort Atkinson, WI

(920) 563-3404

TYPE	DESCRIPTION	PLANTING SIZE	NATURE SIZE	QUANTITY
A	EXISTING TREES TO REMAIN	-	-	1
B	NEW TREES - T.B.D.	18-24" H	4" DIA	8
C	TAXUS TAUNTONII	15-18" H	3" DIA	17
D	DWARF SPIREA FROEBELII			

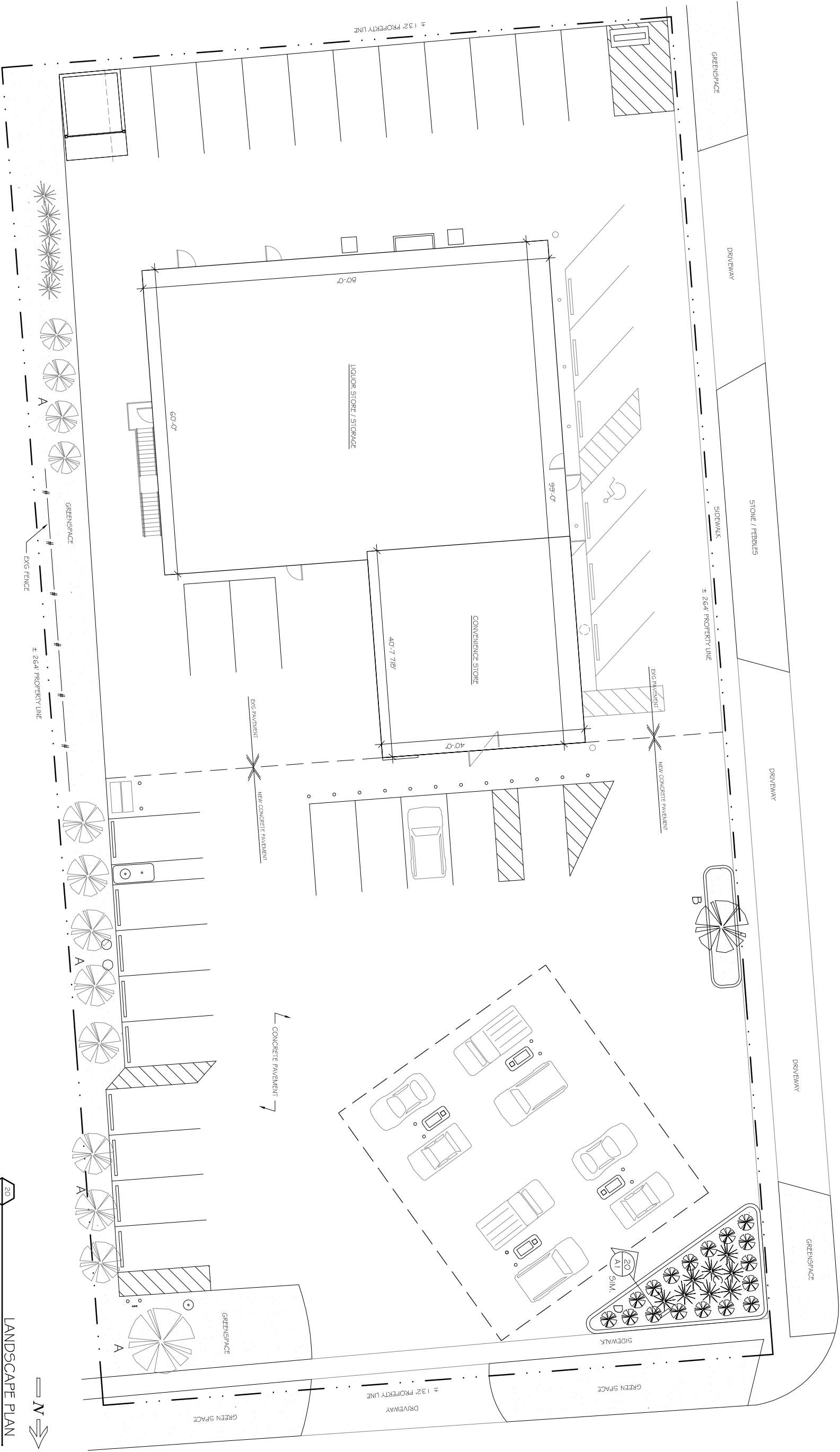
PLANTING SCHEDULE

SITE INFORMATION:

SITE AREA:	± 34970 S.F. (± 0.80 ACRE)
IMPERMEABLE SURFACE AREA:	± 31295 S.F. (± 89.5%)
GREEN SPACE AREA:	± 3675 S.F. (± 10.5%)

ALL DRAWINGS ARE
1/2 SCALE SHOWN

VERIFY ALL CONDITIONS AND DIMENSIONS ON
THE JOB AND NOTIFY THE DESIGN ALLIANCE
ARCHITECTS, INC. OF ANY DISCREPANCIES
PRIOR TO START.



Schedule											
Symbol	Label	Image	Quantity	Manufacturer	Catalog Number	Description	Number Lamps	Lumens Per Lamp	Light Loss Factor	Wattage	Plot
	A		2	SIGNIFY CANADA LTD	DMSS5-55W48LED3K-G3-LE4A-HS	Domus LED pendant - large (DMSS5x), 48 LEDs, 3000K CCT, TYPE LE4A-HS OPTIC, Globe Lens with House-side Shield	1	5583	0.87	53.6	



Domus 50 is one of the most versatile luminaires offered by LumeC. This classic shape was one of the first in a line of pioneering LumeC designs. **Domus** offers a subtly refined design that balances shape, dimension and proportion.

Project: _____

Location: _____

Cat.No: _____

Type: _____

Lamps: _____ Qty: _____

Notes: _____

Ordering guide

Example: DMS50-90W80LED4K-T-ACDR-LE3F-120-DMG-SMB-RCD-PH8-BKTX

Series	LED module		Gen	Globe material	Optical system	Voltage	Driver options
DMS50			G3				
DMS50 Domus	4000K	3000K	G3	ACDR Acrylic globe	Globe	120 120V 208 208V 240 240V 277 277V 347 347V 480 480V	AST ³ Pre-set, progressive start-up CLO ³ Pre-set, manage lumen depreciation DALI ³ Pre-set, compatible with the DALI control system OTL ³ Pre-set to signal end of life of the lamp DMG 0-10V CDMGE25 ³ 8 hrs. 25% reduction CDMGE50 ³ 8 hrs. 50% reduction CDMGE75 ³ 8 hrs. 75% reduction CDMGM25 ³ 6 hrs. 25% reduction CDMGM50 ³ 6 hrs. 50% reduction CDMGM75 ³ 6 hrs. 75% reduction CDMG525 ³ 4 hrs. 25% reduction CDMG550 ³ 4 hrs. 50% reduction CDMG575 ³ 4 hrs. 75% reduction SRD ³ Sensor ready driver, standard configuration SRD1 ³ Sensor ready driver, alternate configuration
	35W32LED4K	35W32LED3K			LE2A ⁶ Type II (ASYM) with globe		
	55W32LED4K	55W32LED3K			LE3A ⁶ Type III (ASYM) with globe		
	55W48LED4K	55W48LED3K			LE4A ⁶ Type IV (ASYM) with globe		
	70W64LED4K	70W64LED3K			Sag lens		
	72W32LED4K	72W32LED3K			LE2S Type II (ASYM) Sag glass lens		
	80W48LED4K	80W48LED3K			LE3S Type III (ASYM) Sag glass lens		
	90W80LED4K	90W80LED3K			LE4S Type IV (ASYM) Sag glass lens		
	108W48LED4K	108W48LED3K			LE5S ¹ Type V (SYMM) Sag glass lens		
	110W64LED4K	110W64LED3K			Flat lens		
	135W80LED4K	135W80LED3K			LE2F Type II (ASYM) Flat glass lens		
	145W64LED4K	145W64LED3K			LE3F Type III (ASYM) Flat glass lens		
	180W80LED4K	180W80LED3K			LE4F Type IV (ASYM) Flat glass lens		
					LE5F ¹ Type V (SYMM) Flat glass lens		

Ordering guide (continued)

Adaptors	Luminaire options		Poles & Brackets	Finish
MA1	1 1/4" NPT threaded hole adaptor	BO Bridge and Overpass	Consult signify.com/ outdoorluminaires for details and the complete line of Signify poles and brackets.	BE2TX Textured midnight blue
MA2	1 1/2" NPT threaded hole adaptor	DE1 Decorative deflector		BE6TX Textured ocean blue
SMA ⁷	Decorative retro side-mounted cast-aluminum, accepts tubes from 1 5/8" to 2 3/8"	HS House side shield		BE8TX Textured royal blue
		PH7 Photoelectric cell, bottom type		BG2TX Textured Sandstone
		PH8 ^{2,4} Photoelectric cell		BKTX Textured black
		PH9 ^{2,4} Shorting cap		BRTX Textured bronze
SMB	Decorative contemporary side-mounted cast-aluminum, accepts tubes from 1 5/8" to 2 3/8"	PHXL ^{2,4} Photoelectric cell, extended life		GN4TX Textured blue green
		RC ^{2,5} Receptacle 3 pins		GN6TX Textured forest green
		RCD ^{2,5} Receptacle 5 pins		GN8TX Textured Dk forest green
		RCD7 ^{2,5} Receptacle 7 pins		GNTX Textured green
		SP2 Surge protector		GR Gray sandtex
				GY3TX Textured medium grey
				NP Natural aluminum
				RD2TX Textured burgundy
				RD4TX Textured scarlet
				TG Hammertone gold
				WHTX Textured white

Footnotes

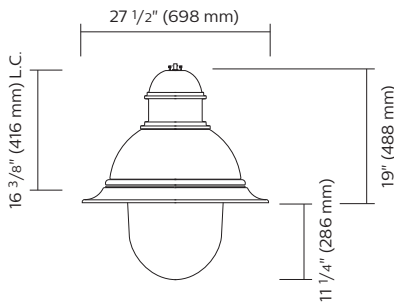
- Not available with **HS** option.
- SMA** or **SMB** adaptors is required for this option.
- Not available 347-480 volt.
- Luminaire option **RC**, **RCD** or **RCD7** is required with this options.
- Use of photoelectric cell or shorting cap is required to ensure proper illumination.
- Globe Material **ACDR** is required with this optical system.
- Only 3 pin receptacle **RC** is available with **SMA** adaptor.

DMS50 Domus LED Pendant

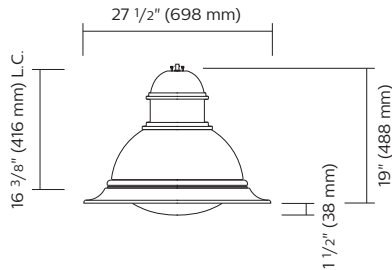
Urban Luminaire

Dimensions

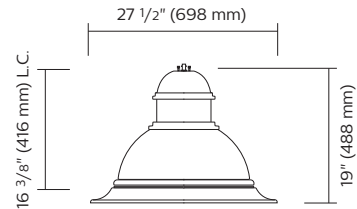
EPA: 1.35 ft² max.
Weight: 42 lbs (19.1kg) max.



DMS50 - A optics
Long drop globe



DMS50 - S optics
Sag lens



DMS50 - F optics
Flat lens

Predicted Lumen Depreciation Data

Predicted performance derived from LED manufacturer's data and engineering design estimates, based on IESNA LM-80 methodology. Actual experience may vary due to field application conditions. L₇₀ is the predicted time when LED performance depreciates to 70% of initial lumen output. Calculated per IESNA TM21-11. Published L₇₀ hours limited to 6 times actual LED test hours.

Ambient Temperature °C	Driver mA	Calculated L ₇₀ Hours	L ₇₀ per TM-21	Lumen Maintenance % at 60,000 hrs
35°C	700 mA	>100,000 hours	>60,000 hours	>86%

DMS50 Domus LED Pendant

Urban Luminaire

LED Wattage and Lumen Values: for DMS50

Ordering Code:	Total LEDs	LED current (mA)	Average System Wattage (W)	Lumen Output	BUG Rating	Efficacy (LPW)	Lumen Output	BUG Rating	Efficacy (LPW)	Lumen Output	BUG Rating	Efficacy (LPW)	Lumen Output	BUG Rating	Efficacy (LPW)
Flat Lens 3000K				LE2F			LE3F			LE4F			LE5F		
35W32LED3K-G3-x	32	350	37	5051	136	B1-U0-G1	4992	135	B1-U0-G1	4954	134	B1-U0-G1	4925	133	B3-U0-G1
55W32LED3K-G3-x	32	530	55	7264	132	B2-U0-G1	7178	131	B1-U0-G2	7123	130	B1-U0-G2	7082	129	B3-U0-G2
72W32LED3K-G3-x	32	700	72	9145	127	B2-U0-G2	9036	126	B2-U0-G2	8968	125	B2-U0-G2	8916	124	B3-U0-G2
55W48LED3K-G3-x	48	350	54	7555	141	B2-U0-G1	7466	139	B2-U0-G2	7409	138	B1-U0-G2	7366	137	B3-U0-G2
80W48LED3K-G3-x	48	530	80	10807	135	B2-U0-G2	10679	133	B2-U0-G2	10598	132	B2-U0-G2	10536	132	B4-U0-G2
108W48LED3K-G3-x	48	700	105	13572	129	B3-U0-G2	13411	128	B2-U0-G2	13309	127	B2-U0-G2	13232	126	B4-U0-G2
70W64LED3K-G3-x	64	350	69	9825	142	B2-U0-G2	9709	140	B2-U0-G2	9635	139	B2-U0-G2	9579	138	B3-U0-G2
110W64LED3K-G3-x	64	530	105	14083	134	B3-U0-G2	13917	132	B2-U0-G2	13811	131	B2-U0-G2	13731	130	B4-U0-G2
145W64LED3K-G3-x	64	700	138	17694	128	B3-U0-G2	17485	127	B3-U0-G2	17352	126	B3-U0-G3	17251	125	B4-U0-G2
90W80LED3K-G3-x	80	350	86	12264	143	B3-U0-G2	12119	141	B2-U0-G2	12027	140	B2-U0-G2	11957	139	B4-U0-G2
135W80LED3K-G3-x	80	530	131	17519	134	B3-U0-G2	17311	133	B3-U0-G2	17180	132	B3-U0-G3	17081	131	B4-U0-G2
180W80LED3K-G3-x	80	700	174	21865	126	B3-U0-G3	21606	124	B3-U0-G3	21442	123	B3-U0-G3	21318	122	B5-U0-G3
Sag Lens 3000K				LE2S			LE3S			LE4S			LE5S		
35W32LED3K-G3-x	32	350	37	5114	138	B1-U0-G1	5068	137	B1-U0-G1	5062	136	B1-U0-G1	5102	138	B3-U0-G1
55W32LED3K-G3-x	32	530	55	7354	134	B2-U0-G1	7288	133	B1-U0-G2	7279	132	B1-U0-G2	7337	133	B3-U0-G2
72W32LED3K-G3-x	32	700	72	9258	129	B2-U0-G2	9176	127	B2-U0-G2	9164	127	B2-U0-G2	9237	128	B3-U0-G2
55W48LED3K-G3-x	48	350	54	7649	143	B2-U0-G1	7581	141	B1-U0-G2	7571	141	B1-U0-G2	7632	142	B3-U0-G2
80W48LED3K-G3-x	48	530	80	10941	137	B2-U0-G2	10843	136	B2-U0-G2	10830	135	B2-U0-G2	10916	136	B4-U0-G2
108W48LED3K-G3-x	48	700	105	13740	131	B3-U0-G2	13618	130	B2-U0-G2	13601	130	B2-U0-G2	13709	131	B4-U0-G2
70W64LED3K-G3-x	64	350	69	9947	143	B2-U0-G2	9858	142	B2-U0-G2	9846	142	B2-U0-G2	9924	143	B4-U0-G2
110W64LED3K-G3-x	64	530	105	14258	135	B3-U0-G2	14131	134	B2-U0-G2	14114	134	B2-U0-G2	14226	135	B4-U0-G2
145W64LED3K-G3-x	64	700	138	17913	130	B3-U0-G2	17754	129	B3-U0-G2	17732	128	B3-U0-G3	17873	130	B4-U0-G2
90W80LED3K-G3-x	80	350	86	12416	145	B2-U0-G2	12305	143	B2-U0-G2	12290	143	B2-U0-G2	12388	144	B4-U0-G2
135W80LED3K-G3-x	80	530	131	17736	136	B3-U0-G2	17578	135	B3-U0-G2	17557	134	B3-U0-G3	17696	135	B4-U0-G2
180W80LED3K-G3-x	80	700	174	22136	127	B3-U0-G3	21939	126	B3-U0-G3	21912	126	B3-U0-G3	22086	127	B5-U0-G3
Prism Globe 3000K				LE2A			LE3A			LE4A					
35W32LED3K-G3-x	32	350	37	5081	137	B1-U3-G1	5042	136	B1-U3-G2	5056	136	B1-U3-G2	—	—	—
55W32LED3K-G3-x	32	530	55	7306	133	B2-U3-G2	7251	132	B2-U3-G2	7271	132	B1-U3-G2	—	—	—
72W32LED3K-G3-x	32	700	72	9198	128	B2-U3-G2	9128	127	B2-U3-G2	9154	127	B2-U3-G3	—	—	—
55W48LED3K-G3-x	48	350	54	7599	142	B2-U3-G2	7542	141	B2-U3-G2	7563	141	B2-U3-G2	—	—	—
80W48LED3K-G3-x	48	530	80	10870	136	B2-U3-G2	10788	135	B2-U3-G2	10818	135	B2-U3-G3	—	—	—
108W48LED3K-G3-x	48	700	105	13651	130	B3-U3-G3	13548	129	B3-U3-G3	13586	129	B2-U3-G3	—	—	—
70W64LED3K-G3-x	64	350	69	9883	142	B2-U3-G2	9808	141	B2-U3-G2	9835	142	B2-U3-G3	—	—	—
110W64LED3K-G3-x	64	530	105	14166	134	B3-U3-G3	14058	133	B3-U3-G3	14098	134	B2-U3-G3	—	—	—
145W64LED3K-G3-x	64	700	138	17798	129	B3-U3-G3	17663	128	B3-U3-G3	17712	128	B3-U3-G3	—	—	—
90W80LED3K-G3-x	80	350	86	12336	144	B3-U3-G3	12242	143	B2-U3-G3	12276	143	B2-U3-G3	—	—	—
135W80LED3K-G3-x	80	530	131	17622	135	B3-U3-G3	17488	134	B3-U3-G3	17537	134	B3-U3-G3	—	—	—
180W80LED3K-G3-x	80	700	174	21993	126	B3-U3-G3	21826	125	B3-U3-G3	21887	126	B3-U3-G4	—	—	—

Actual performance may vary due to installation variables including optics, mounting/ceiling height, dirt depreciation, light loss factor, etc.; highly recommended to confirm performance with a layout - contact Applications at signify.com/outdoorluminaires.

Note: Some data may be scaled based on tests of similar. But not identical luminaires.

DMS50 Domus LED Pendant

Urban Luminaire

LED Wattage and Lumen Values: for DMS55 @ 4000K

Ordering Code:	Total LEDs	LED current (mA)	Average System Wattage (W)	Lumen Output	BUG Rating	Efficacy (LPW)	Lumen Output	BUG Rating	Efficacy (LPW)	Lumen Output	BUG Rating	Efficacy (LPW)	Lumen Output	BUG Rating	Efficacy (LPW)
Flat Lens 4000K				LE2F			LE3F			LE4F			LE5F		
35W32LED4K-G3-x	32	350	37	5304	143	B1-U0-G1	5241	141	B1-U0-G1	5201	140	B1-U0-G1	5171	139	B3-U0-G1
55W32LED4K-G3-x	32	530	55	7627	139	B2-U0-G1	7537	137	B2-U0-G2	7479	136	B1-U0-G2	7436	135	B3-U0-G2
72W32LED4K-G3-x	32	700	72	9602	133	B2-U0-G1	9488	132	B2-U0-G2	9416	131	B2-U0-G2	9362	130	B3-U0-G2
55W48LED4K-G3-x	48	350	54	7933	148	B2-U0-G2	7839	146	B2-U0-G2	7779	145	B2-U0-G2	7734	144	B4-U0-G2
80W48LED4K-G3-x	48	530	80	11347	142	B2-U0-G2	11213	140	B2-U0-G2	11128	139	B2-U0-G2	11063	138	B4-U0-G2
108W48LED4K-G3-x	48	700	105	14251	136	B3-U0-G2	14082	134	B2-U0-G2	13975	133	B2-U0-G2	13894	132	B4-U0-G2
70W64LED4K-G3-x	64	350	69	10316	149	B3-U0-G2	10194	147	B2-U0-G2	10117	146	B2-U0-G2	10058	145	B4-U0-G2
110W64LED4K-G3-x	64	530	105	14788	140	B3-U0-G2	14613	139	B3-U0-G2	14502	138	B2-U0-G2	14418	137	B4-U0-G2
145W64LED4K-G3-x	64	700	138	18579	135	B3-U0-G2	18359	133	B3-U0-G2	18219	132	B2-U0-G2	18114	131	B4-U0-G2
90W80LED4K-G3-x	80	350	86	12877	150	B3-U0-G2	12724	148	B3-U0-G2	12628	147	B3-U0-G3	12555	146	B4-U0-G2
135W80LED4K-G3-x	80	530	131	18395	141	B3-U0-G3	18177	139	B3-U0-G2	18039	138	B3-U0-G3	17935	137	B5-U0-G3
180W80LED4K-G3-x	80	700	174	22958	132	B3-U0-G3	22686	130	B3-U0-G3	22514	129	B3-U0-G3	22384	128	B5-U0-G3
Sag Lens 4000K				LE2S			LE3S			LE4S			LE5S		
35W32LED4K-G3-x	32	350	37	5370	145	B1-U0-G1	5322	143	B1-U0-G1	5315	143	B1-U0-G1	5358	144	B3-U0-G1
55W32LED4K-G3-x	32	530	55	7721	140	B2-U0-G1	7653	139	B1-U0-G2	7643	139	B1-U0-G2	7704	140	B3-U0-G2
72W32LED4K-G3-x	32	700	72	9721	135	B2-U0-G1	9634	134	B2-U0-G2	9623	134	B2-U0-G2	9699	135	B4-U0-G2
55W48LED4K-G3-x	48	350	54	8031	150	B2-U0-G2	7960	149	B2-U0-G2	7950	148	B1-U0-G2	8013	149	B3-U0-G2
80W48LED4K-G3-x	48	530	80	11488	144	B2-U0-G2	11386	142	B2-U0-G2	11372	142	B2-U0-G2	11462	143	B4-U0-G2
108W48LED4K-G3-x	48	700	105	14427	137	B3-U0-G2	14299	136	B2-U0-G2	14281	136	B2-U0-G2	14395	137	B4-U0-G2
70W64LED4K-G3-x	64	350	69	10444	150	B3-U0-G2	10351	149	B2-U0-G2	10338	149	B2-U0-G2	10421	150	B4-U0-G2
110W64LED4K-G3-x	64	530	105	14971	142	B3-U0-G2	14838	141	B2-U0-G2	14819	141	B2-U0-G2	14937	142	B4-U0-G2
145W64LED4K-G3-x	64	700	138	18809	136	B3-U0-G2	18642	135	B2-U0-G2	18619	135	B3-U0-G3	18767	136	B5-U0-G3
90W80LED4K-G3-x	80	350	86	13037	152	B3-U0-G2	12921	151	B3-U0-G3	12905	150	B2-U0-G2	13007	152	B4-U0-G2
135W80LED4K-G3-x	80	530	131	18623	143	B3-U0-G3	18457	141	B3-U0-G3	18435	141	B3-U0-G3	18581	142	B4-U0-G2
180W80LED4K-G3-x	80	700	174	23243	133	B3-U0-G3	23036	132	B3-U0-G3	23008	132	B3-U0-G4	23190	133	B5-U0-G3
Prism Globe 4000K				LE2A			LE3A			LE4A					
35W32LED4K-G3-x	32	350	37	5335	144	B1-U3-G1	5294	143	B1-U3-G2	5309	143	B1-U3-G2	—	—	—
55W32LED4K-G3-x	32	530	55	7672	139	B2-U3-G2	7613	138	B2-U3-G2	7635	139	B2-U3-G2	—	—	—
72W32LED4K-G3-x	32	700	72	9658	134	B2-U3-G2	9585	133	B2-U3-G2	9612	134	B2-U3-G3	—	—	—
55W48LED4K-G3-x	48	350	54	7979	149	B2-U3-G2	7919	148	B2-U3-G2	7941	148	B2-U3-G2	—	—	—
80W48LED4K-G3-x	48	530	80	11414	143	B2-U3-G2	11327	142	B2-U3-G3	11359	142	B2-U3-G3	—	—	—
108W48LED4K-G3-x	48	700	105	14334	137	B3-U3-G3	14225	135	B3-U3-G3	14265	136	B2-U3-G3	—	—	—
70W64LED4K-G3-x	64	350	69	10377	150	B2-U3-G2	10298	148	B2-U3-G2	10327	149	B2-U3-G3	—	—	—
110W64LED4K-G3-x	64	530	105	14874	141	B3-U3-G3	14761	140	B3-U3-G3	14803	140	B2-U3-G3	—	—	—
145W64LED4K-G3-x	64	700	138	18688	135	B3-U3-G3	18546	134	B3-U3-G3	18598	135	B3-U3-G4	—	—	—
90W80LED4K-G3-x	80	350	86	12952	151	B3-U3-G3	12854	150	B2-U3-G3	12890	150	B2-U3-G3	—	—	—
135W80LED4K-G3-x	80	530	131	18503	142	B3-U3-G3	18362	141	B3-U3-G3	18413	141	B3-U3-G4	—	—	—
180W80LED4K-G3-x	80	700	174	23093	133	B3-U3-G3	22917	132	B3-U3-G3	22981	132	B3-U3-G4	—	—	—

Actual performance may vary due to installation variables including optics, mounting/ceiling height, dirt depreciation, light loss factor, etc.; highly recommended to confirm performance with a layout - contact Applications at signify.com/outdoorluminaire.

Note: Some data may be scaled based on tests of similar. But not identical luminaires.

Specifications:

Housing

In a round shape, this housing is made of die cast A380 aluminum, c/w a watertight grommet, mechanically assembled to the bracket with four bolts 5/16 18 UNC. This suspension system permits for a full rotation of the luminaire in 90° increments.

Access-mechanism

A die cast A360 aluminum technical ring with latch, hinge and a cast in decorative skirt. The mechanism shall offer tool free access to the inside of the luminaire. An embedded memory retentive gasket shall ensure weatherproofing.

Light engine

LEDgine composed of 5 main components:
Heat Sink / Lens / LED lamp / Driver / Optical System

Electrical components are RoHS compliant.

DMS50 Domus LED Pendant

Urban Luminaire

Specifications:

LED engine

LED type: Lumileds LUXEON T. Composed of high-performance white LEDs. Color temperature as per ANSI/NEMA bin Neutral White, 4000 Kelvin nominal (3985K +/- 275K or 3710K to 4260K) or Warm white, 3000 Kelvin nominal (3045K +/- 175K or 2870K to 3220K), CRI 70 Min. 75 Typical.

Lens

LExF / LExS: Made of soda lime tempered glass lens, mechanically assembled and sealed onto the lower part of the heat sink.

LExA (Globe): Made of one-piece seamless injection-molded impact-resistant (DR) acrylic having an inner prismatic surface. The globe is mechanically assembled and sealed onto the lower part of the heat sink.

Heat sink

Made of cast aluminum optimizing the LEDs efficiency and life. Product does not use any cooling device with moving parts (only passive cooling device).

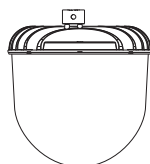
Driver

Driver comes standard with dimming compatible 0-10V. High power factor of 95%. Electronic driver, operating range 50/60 Hz. Auto adjusting universal voltage input from 120 to 277 VAC rated for both application line to line or line to neutral, Class I, THD of 20% max. Maximum ambient operating temperature from 40F(40C) to 130F(55C) degrees. Certified in compliance to UL1310 cULus requirement. Dry and damp location. Assembled on a unitized removable tray with Tyco quick disconnect plug resisting to 221F(105C) degrees. The current supplying the LEDs will be reduced by the driver if the driver experiences internal overheating as a protection to the LEDs and the electrical components. Output is protected from short circuits, voltage overload and current overload. Automatic recovery after correction. Standard built in driver surge protection of 2.5kV (min).

Optical system

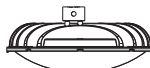
Composed of high performance optical grade PMMA acrylic refractor lenses to achieve desired distribution optimized to get maximum spacing, target lumens and a superior lighting uniformity. Optical system is rated IP66. Performance shall be tested per LM 63, LM 79 and TM 15 (IESNA) certifying its photometric performance. Street side indicated. Flat lens (F optics) is Dark Sky compliant with 0% uplight and U0 per IESNA TM 15.

Prismatic globe: IP66 rated optical system, composed of individual pre-oriented lens to achieve desired distribution, assembled with globe having an inner prismatic surface permanently sealed onto the lower part of the heat sink.



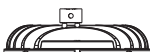
LE2A - Type II (ASYM) with globe (ACDR)
LE3A - Type III (ASYM) with globe (ACDR)
LE4A - Type IV (ASYM) with globe (ACDR)

Sag lens: IP66 rated optical system, composed of individual pre-oriented lens to achieve desired distribution, assembled with a tempered-glass sag lens permanently sealed onto the lower part of the heat sink.



LE2S - Type II (ASYM) Sag glass lens
LE3S - Type III (ASYM) Sag glass lens
LE4S - Type IV (ASYM) Sag glass lens
LE5S - Type V (SYMM) Sag glass lens

Flat lens: IP66 rated optical system, composed of individual pre-oriented lens to achieve desired distribution, assembled with a tempered-glass flat lens permanently sealed onto the lower part of the heat sink.



LE2F - Type II (ASYM) Flat glass lens
LE3F - Type III (ASYM) Flat glass lens
LE4F - Type IV (ASYM) Flat glass lens
LE5F - Type V (SYMM) Flat glass lens

Driver options

AST: Pre-set driver for progressive start-up of the LED module(s) to optimize energy management and enhance visual comfort at start-up.

CLO: Pre-set driver to manage the lumen depreciation by adjusting the power given to the LEDs offering the same lighting intensity during the entire lifespan of the LED module.

DALI: Pre-set driver compatible with the DALI control system.

OTL: Pre-set driver to signal end of life of the LED module(s) for better fixture management.

DMG: Dimmable driver 0-10V.

CDMG: Dynadimmer standard dimming functionalities including pre-programmed scenarios to suit many applications and needs from safety to maximum energy savings.

Ordering Code	Scenario	Dimming Time	Dimming Level
CDMG S25	Safety	4 hours	25% power
CDMG S50	Safety	4 hours	50% power
CDMG S75	Safety	4 hours	75% power
CDMG M25	Median	6 hours	25% power
CDMG M50	Median	6 hours	50% power
CDMG M75	Median	6 hours	75% power
CDMG E25	Economy	8 hours	25% power
CDMG E50	Economy	8 hours	50% power
CDMG E75	Economy	8 hours	75% power

SRD: Sensor Ready Driver including SR communication (used for dimming and other functionalities), 24V auxiliary supply and a logical signal input (LSI) connected to the top NEMA twist lock receptacle.

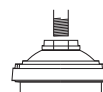
SRD1: Sensor Ready Driver including SR communication (used for dimming and other functionalities) but with 24V auxiliary supply and a logical signal input (LSI) not connected to the top NEMA twist lock.

Surge protector

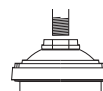
Surge protector tested in accordance with ANSI/IEEE C62.45 per ANSI/IEEE C62.41.2 Scenario I Category C High Exposure 10kV/10kA waveforms for Line Ground, Line Neutral and Neutral Ground, and in accordance with U.S. DOE (Department of Energy) MSSLC (Municipal Solid State Street Lighting Consortium) model specification for LED roadway luminaires electrical immunity requirements for High Test Level 10kV / 10kA. **SP2** 20kV/20kA optional.

Luminaire adaptor

MA1: The luminaire is suspended by means of a mounting adaptor with a 1 1/4" (32mm) NPT threaded hole accepting a threaded tube from the mounting. Retrofit adaptor for existing mounting.



MA2: 1 1/2" (38mm) NPT threaded hole accepting threaded tube from the mounting. Retrofit adaptor for existing mounting.



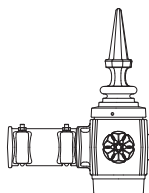
DMS50 Domus LED Pendant

Urban Luminaire

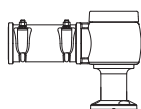
Specifications (continued):

Luminaire adaptor (continued)

SMA: The luminaire is suspended by means of a decorative side-mounted cast aluminum adaptor. This adaptor accepts tubes from 1½" to 2½" (41 to 60 mm) and is adjustable to more or less 5°. The adaptor features a cast aluminum decorative cover and finial.



SMB: The luminaire is suspended by means of a decorative side-mounted cast aluminum adaptor. This adaptor accepts tubes from 1½" to 2½" (41 to 60 mm) and is adjustable to more or less 5°.



Luminaire options

BO: Bridge and Overpass

HS: House side shield

PH7: Photoelectric cell, bottom type

PH8: Photoelectric Cell, Twist-lock Type. Allows a 90° rotation.



PHXL: Extended life photoelectric cell, Twist-lock Type. Allows a 90° rotation.



Luminaire options

PH9: Shorting cap, Twist-lock Type



RC: Receptacle 3 pins



RCD: Receptacle 5 pins



RCD7: Receptacle 7 pins



SP2: Integral surge protector

Finish

In accordance with the AAMA 2603 standard. Application of polyester powder coat paint (4 mils/100 microns) with +/- 1 mils/24 microns of tolerance. The Thermosetting resins provides a discoloration resistant finish in accordance with the ASTM D2244 standard, as well as luster retention in keeping with the ASTM D523 standard and humidity proof in accordance with the ASTM D2247 standard. The surface treatment achieves a minimum of 2000 hours for salt spray resistant finish in accordance with testing performed and per ASTM B117 standard.

Finish Options Include:

BE2TX: Textured Midnight Blue
BE6TX: Textured Ocean Blue
BE8TX: Textured Royal Blue
BG2TX: Textured Sandstone
BKTX: Textured Black
BRTX: Textured Bronze
GN4TX: Textured Blue Green
GN6TX: Textured Forest Green
GN8TX: Textured Dark Forest Green
GNTX: Textured Green
GR: Gray Sandtex
GY3TX: Textured Medium Grey
NP: Natural Aluminum
RD2TX: Textured Burgundy
RD4TX: Textured Scarlet
TG: Hammer-tone Gold
WHTX: Textured White

Wiring

Gauge (#14) TEW/AWM 1015 or 1230 wires, 6" (152mm) minimum exceeding from luminaire.

Hardware

All exposed screws shall be complete with Ceramic primer-seal base coat to reduce seizing of the parts and offers a high resistance to corrosion. All seals and sealing devices are made and/or lined with EPDM and/or silicone and/or rubber.

Luminaire useful life

Refer to IES files for energy consumption and delivered lumens for each option. Based on ISTMT in situ thermal testing in accordance with UL1598 and UL8750, System Reliability Tool, Advance data and Lumileds LM-80/TM-21 data, expected to reach 100,000+ hours with >L70 lumen maintenance @ 25°C. Luminaire Useful Life accounts for LED lumen maintenance AND all of these additional factors including: LED life, driver life, PCB substrate, solder joints, on/off cycles, burning hours and corrosion. Entire luminaire is rated for operation in ambient temperature of -40°C / -40°F up to +35°C / +95°F.

LED products

(manufacturing standard)

The electronic components sensitive to electrostatic discharge (ESD) such as light emitting diodes (LEDs) are assembled in compliance with IEC61340 5 1 and ANSI/ESD S20.20 standards so as to eliminate ESD events that could decrease the useful life of the product.

Quality control

Manufactured to ISO 9001 2008 standards and ISO 14001-2004 International Quality Standards Certification.

Vibration resistance

Meets the ANSI C136.31, American National Standard for Roadway Luminaire Vibration specifications for Bridge/overpass applications. (Tested for 3G over 100 000 cycles)

Certifications and Compliance

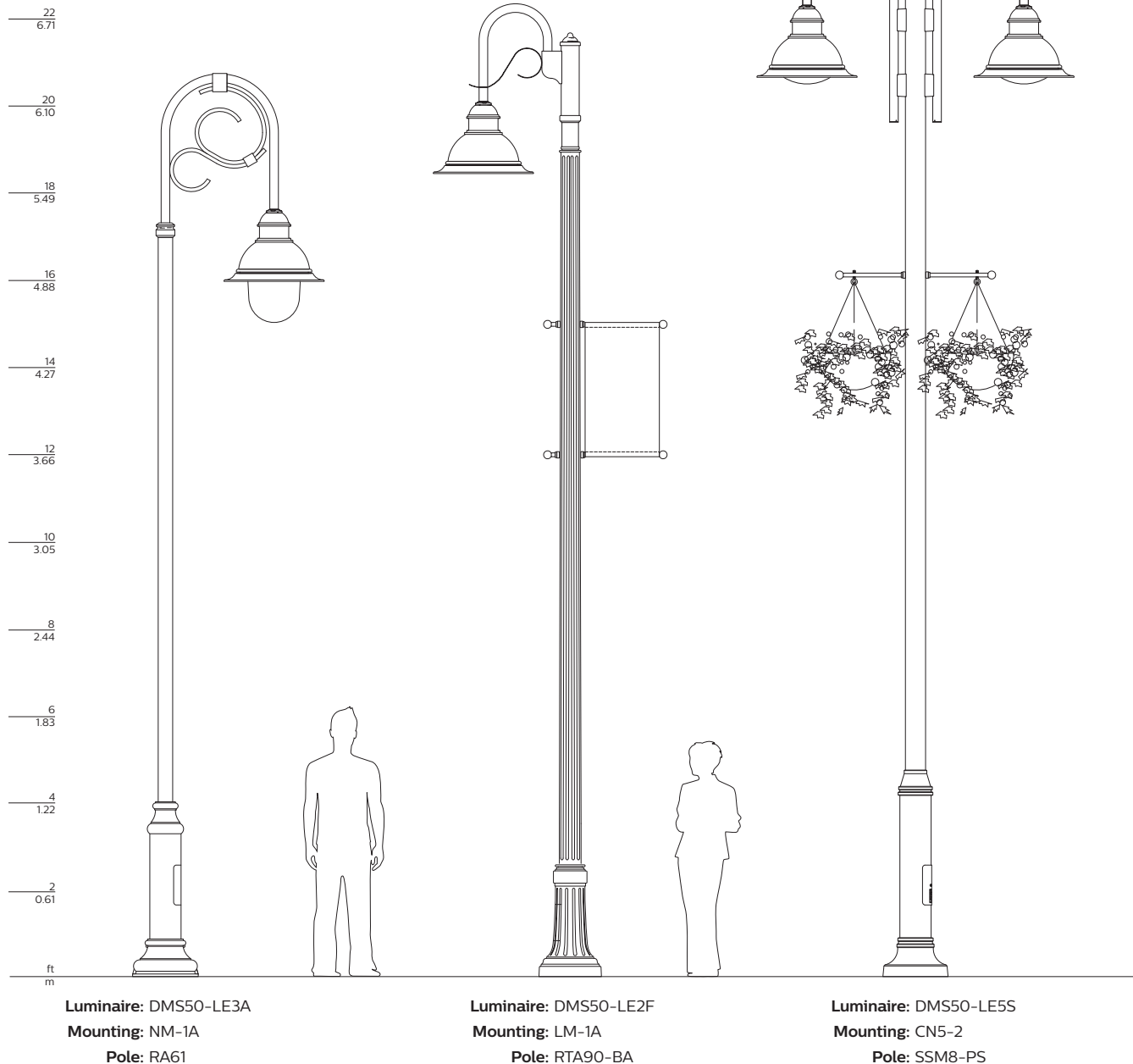
CSA, cULus Listed for Canada and USA. Domus LED luminaires are DesignLights Consortium qualified.

DMS50 Domus LED Pendant

Urban Luminaire

Specifications (continued):

Poles & Brackets Sample configurations.



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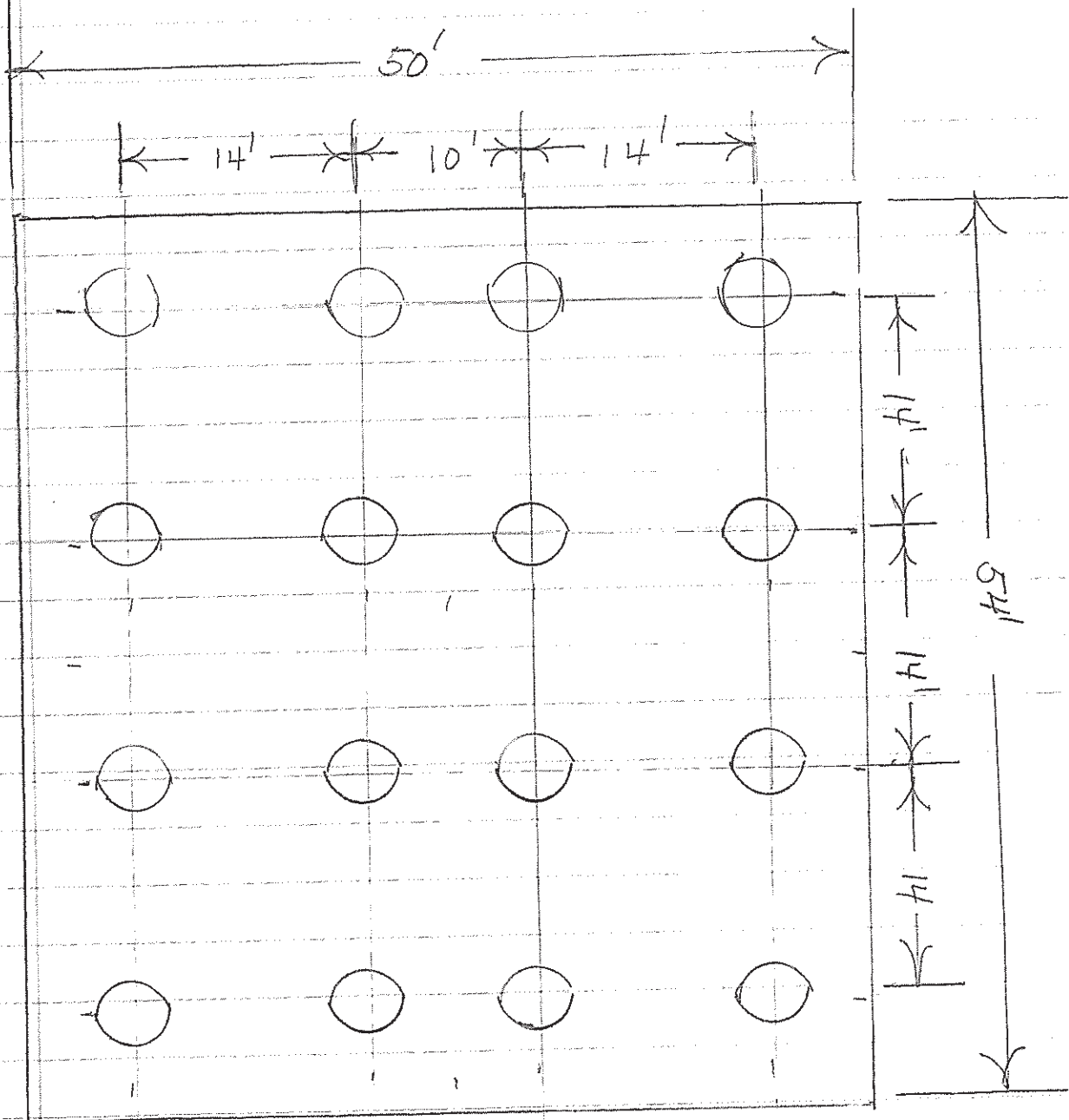
Signify North America Corporation
200 Franklin Square Drive,
Somerset, NJ 08873
Telephone 855-486-2216

Signify Canada Ltd.
281 Hillmount Road,
Markham, ON, Canada L6C 2S3
Telephone 800-668-9008

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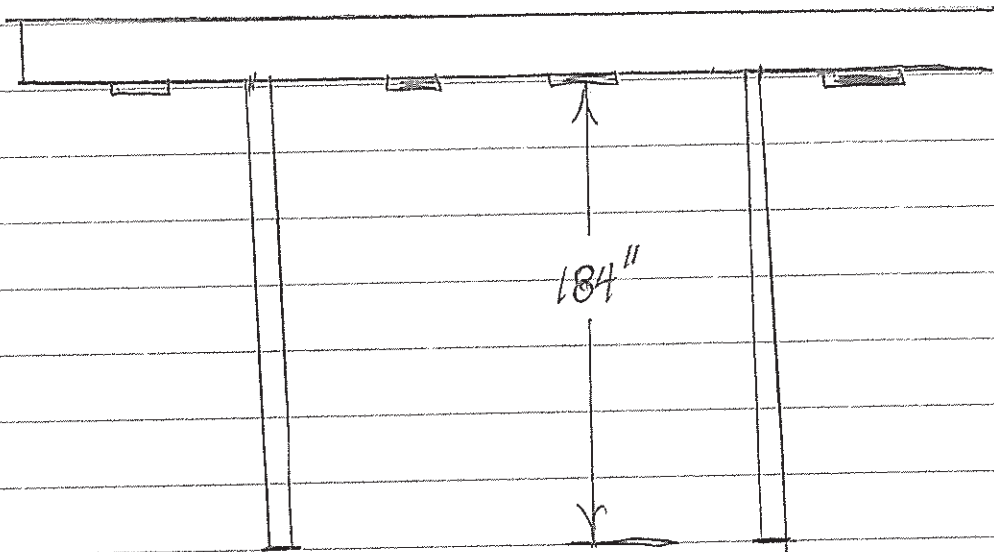
Village Pumper Canopy

710 Main St
Mukwonago



Village Pumper Canopy

710 Main St
Mukwonago





Excellence through experience™

Fuel System Sales and Service Established in 1979

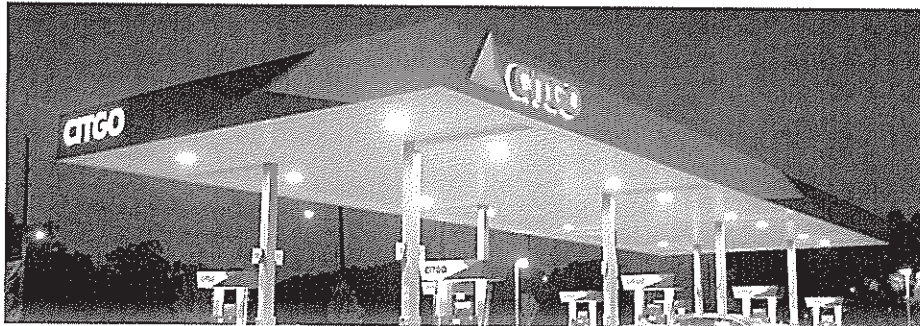
102 Enterprise Drive - PO Box 448 - Hillsboro, WI 54634
800.236.0448 - Fax 608.489.2389 - www.metcohq.com

Submitted To: John Theisen
Phone: 414-690-9256
Fax: 262-363-3838
Cell:
Email: jtheisen@gmail.com
Site Address: Village Pumper
710 S Main St.
Mukwonago, WI 53149

Project: LED Lighting Upgrade
Date: 05/25/14
Proposal No: 14GC0725BD
Prepared By: Bill Danforth 608-386-1882
bdanforth@metcohq.com
Billing Address: Village Plaza, LTD
2100 Church St.
East Troy, WI 53120

Legacy Canopy Lighting

In 1995, LSI defined the standard in canopy lighting with the Scottsdale...today, they are redefining that standard, elevating it to a new height with the new **Legacy LED canopy lighting solution**. Beyond brilliant. Beyond encore. They are crossing over to another dimension. **It's simply their Legacy!**



- **Purpose Built**
- **Performance Driven**
- **Stunningly Attractive**

Upgrade your fuel canopy fixtures with LED lights to save on energy costs!

CANOPY LIGHTS

\$6,720.00

Super Kit

16 - LSI Legacy High Output, 149 Watts - 17,001 Lumens (CRUK UNV SC LED HO CW UE WHT)
(\$420.00/ea)

INSTALLATION

\$941.18

- Installation of (16) Super kits
- The owner must dispose of all existing lights
- Free delivery with installation

NOTES

- The owner is responsible for any and all required permits.
- A 50% down payment and signed contract are required before any material is ordered.
- The balance of the contract is due upon delivery or installation.
- This proposal price is valid for 15 days. After 15 days, METCO reserves the right to revise the prices.
- Warranties will apply according to manufacturer's specifications.

Sub Total	\$7,661.18
Tax	\$-
TOTAL	\$7,661.18

**VILLAGE OF MUKWONAGO
WAUKESHA AND WALWORTH COUNTIES**

RESOLUTION NO. 2022-05

**A RESOLUTION FOR SITE PLAN AND ARCHTIEICTURAL REVIEW FOR HARJINDER
KHASRIA 710 AND 712 MAIN STREET, PARCEL MUKV 1970-995**

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 HARJINDER KHASRIA

WHEREAS, the use is permitted within the B-1 Neighborhood Business District / Village Center – Multi-purpose Perimeter 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 710 and 712 Main Street, 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:

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 Village planner. 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, a pre-construction meeting must be held with the applicant's representatives and primary contractors, and the Village Inspections Department.
3. 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.
4. The applicant must obtain all required zoning and building permits within nine months of this date and start construction within six months of the date of zoning/building permit issuance and continue in good faith to completion.
5. All work related to this project must comply with all project plans approved by the Village.
6. The developer must comply with all requirements related to impact fees imposed by the Village.
7. The developer shall comply with all parts of the Municipal Code as it relates to this project.

8. 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.
9. The dumpster plan approved is the Option 1, masonry block construction with the final cladding of the enclosure to be approved by staff. Options for cladding include brick, cement board cladding to match building, or other similar durable material.
10. The dumpster enclosure shall be expanded to allow for a man door to be installed to allow for access to the dumpsters without having to open gates.
11. The planting area in the NW corner of the property shall have the concrete removed. Retaining walls shall not be more than 2 ft from grade. The retaining wall material shall be approved by the Planner. The specifics of plantings shall be provided prior to permits and approved by the planner. Plantings shall be maintained at 3 feet from grade.
12. The planting area between driveways onto Main Street shall have curbs, as well as shrubs and 1 deciduous tree to be approved by Planning Staff.
13. 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 19th day of January 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

January 11, 2022 at 6:30pm
Mukwonago, WI

SITE PLAN AND ARCHITECTURAL REVIEW AND CONDITIONAL USE PERMIT

1220 N Rochester St
Parcel Number: MUKV 1962-993-001

Case Summary

Parcel Data

Proposal:	Cooler Addition
Applicant:	Kwik Trip, Inc
Request:	Site Plan and Architectural Review
Staff Recommendation:	Approve with Conditions

Parcel Characteristics / Conditions

Acreage:	2.170
Current Use:	Commercial – Gas, Car Wash, Convenience Store
Proposed Use:	Commercial – Gas, Car Wash, Convenience Store
Reason for Request:	Cooler Addition
Land Use Classification:	Low Intensity Commercial / Business
Zoning Classification:	B-3 Community Business District
Census Tract:	2039.01

Site Plan and Architectural Review Request

Architectural/ Site Review

Site Modifications

The applicant is proposing to add an exterior cooler on the north side of the property near the diesel gas area. The cooler area will be added within the existing dumpster enclosure. The dumpster enclosure will be extended, and gates move so no capacity will occur. Plans indicate that materials will be identical to the existing structure.

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

Enclosure will be enlarged to accommodate an outdoor cooler.

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 Village. 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, a pre-construction meeting must be held with the applicant's representatives and primary contractors, and the Village Inspections Department.
3. 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.
4. 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.
5. All work related to this project must comply with all project plans approved by the Village.
6. The developer must comply with all requirements related to impact fees imposed by the Village.
7. The developer shall comply with all parts of the Municipal Code as it relates to this project.
8. 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.
9. All new materials shall match the existing building, any modifications or changes shall be approved by the Planner prior to substitution.
10. 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
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Village of Mukwonago GIS
Aerial

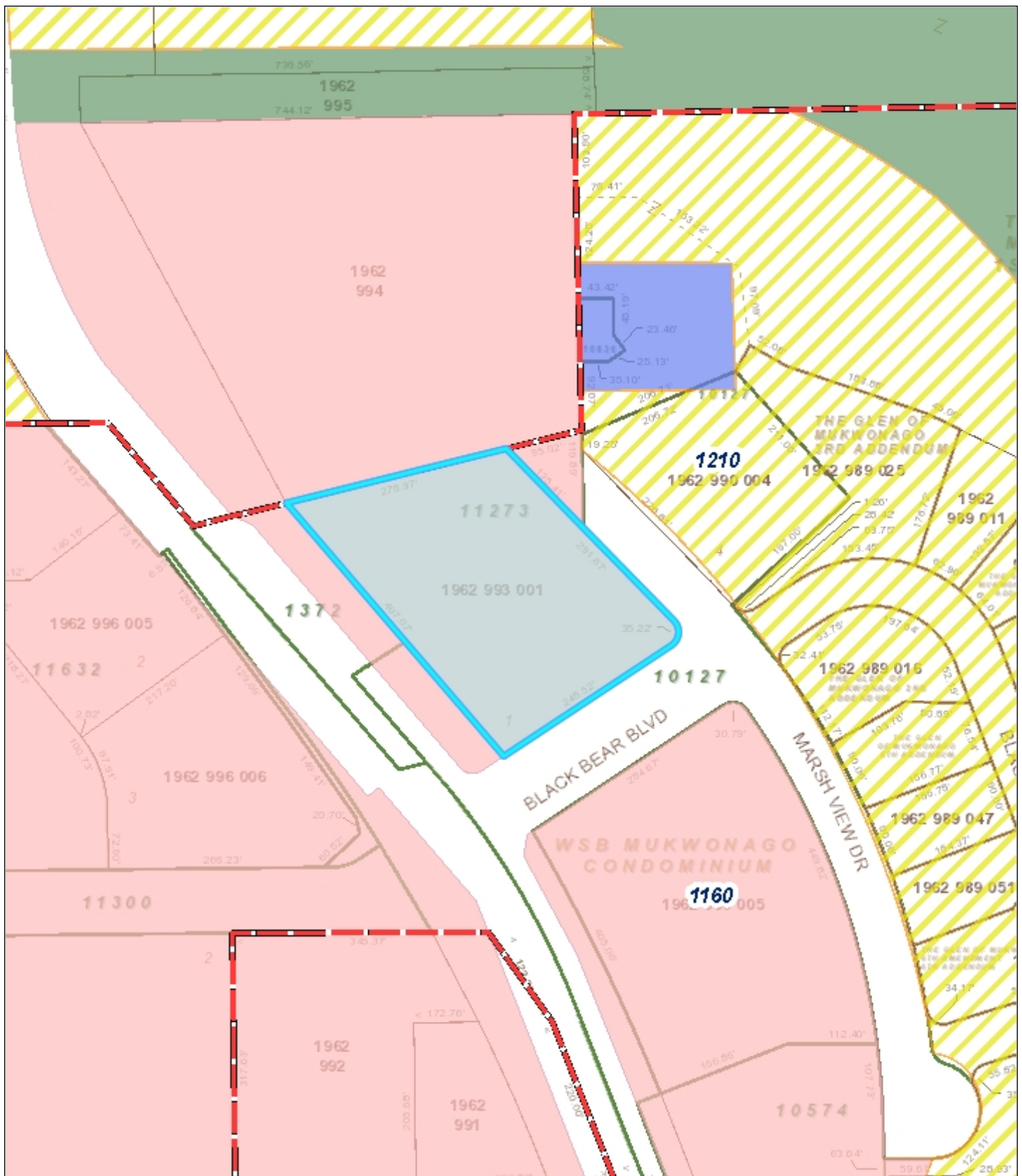
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SCALE: 1" = 167'

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Mukwonago, WI 53149
262-363-6420

Print Date: 12/13/2021



Village of Mukwonago GIS

Land Use

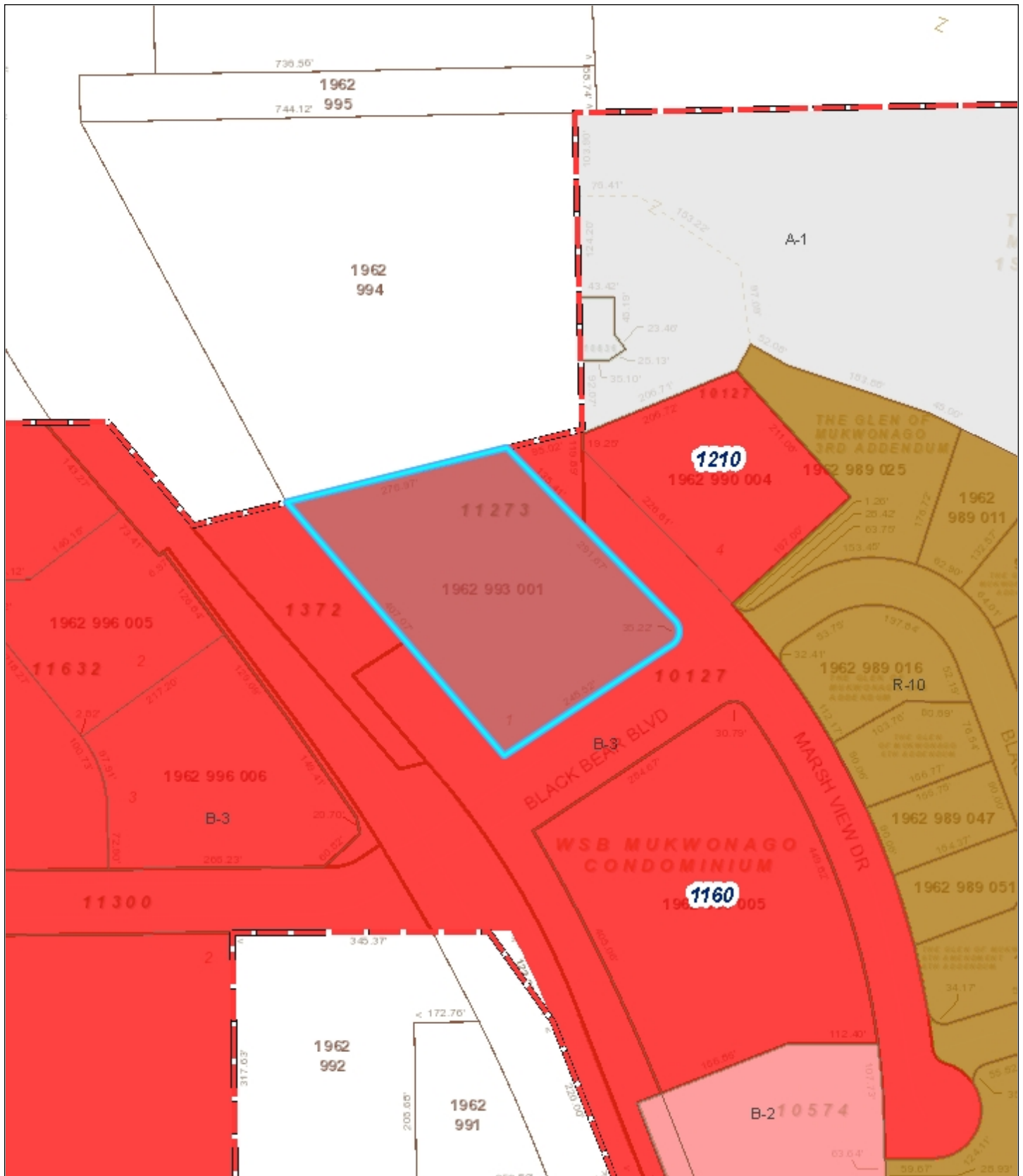
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Village of Mukwonago GIS Zoning

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Mukwonago, WI 53149
262-363-6420

Print Date: 12/13/2021

0' 2' 4' 6' 8' 10' 12' 14' 16' 18' 20' 22' 24' 26' 28' 30' 32' 34' 36' 38' 40' 42' 44' 46' 48' 50' 52' 54' 56' 58' 60' 62' 64' 66' 68' 70' 72' 74' 76' 78' 80' 82' 84' 86' 88' 90' 92' 94' 96' 98' 100'

Kwik Trip

FREEZER / COOLER ADDITION FOR KWIK TRIP #282 MUKWONAGO, WI

GENERAL NOTES

- THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL EXISTING CONDITIONS INCLUDING LOCATIONS OF EXISTING UTILITIES & EASEMENTS.
- ALL WORK SHALL BE IN COMPLIANCE WITH LOCAL, STATE & NATIONAL CODES FOR RESPECTIVE TRADES.
- DO NOT SCALE DRAWINGS.
- THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS.
- PROVIDE ILLUMINATED EXIT LIGHTS @ ALL EXTERIOR DOORS PER PLAN.
- PROVIDE FIRE EXTINGUISHERS @ THE LOCATIONS SHOWN ON THE PLANS.
- EXIT DOORS SHALL HAVE SUCH FASTENING OR HARDWARE THAT THEY CAN BE OPENED FROM THE INSIDE BY TURNING A SINGLE LEVER (USING A CLOSED FIST) WITHOUT THE USE OF A KEY.
- PROVIDE ACCESS FOR THE DISABLED IN ACCORDANCE WITH THE AMERICANS WITH DISABILITIES ACT, 105 (ANSI) 117.1-2009.
- PROVIDE A DESIGNATED SPACE ADJACENT TO THE BUILDING FOR THE SEPARATION, TEMPORARY STORAGE & COLLECTION OF RECYCLABLE MATERIALS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING EXPANSION/CONTROL JOINTS IN ALL MATERIALS, SYSTEMS & BUILDING CONFIGURATIONS INCLUDING CAULKING AS REQUIRED. JOINTS SHALL BE PLACED NO MORE THAN 30 TIMES THE SLAB THICKNESS O.C. BOTH DIRECTIONS IN CONCRETE SLABS, 20' TO 25' O.C. FOR MASONRY WALLS & 20' TO 30' O.C. BOTH DIRECTIONS FOR GYPSUM BOARD WALLS, SOFFITS, CEILINGS, ETC.
- INFORMATION PERTAINING TO EXISTING CONDITIONS IS BASED ON AVAILABLE RECORDS AND/OR VISUAL INSPECTION OF THE EXISTING CONDITIONS. WHILE SUCH DATA HAS BEEN COLLECTED WITH REASONABLE CARE, THERE IS NO EXPRESS OR IMPLIED GUARANTEE THAT CONDITIONS SO INDICATED ARE ENTIRELY REPRESENTATIVE OF THOSE ACTUALLY EXISTING. CONTRACTORS SHALL NOTIFY THE ARCHITECT @ ONCE OF ANY DISCREPANCIES BETWEEN THE DRAWINGS & ACTUAL CONDITIONS ENCOUNTERED. ALL EXISTING BUILDING FLOOR HEIGHTS & DIMENSIONS WHERE NEW WORK OCCURS SHALL BE VERIFIED BY ALL TRADES PRIOR TO STARTING CONSTRUCTION.
- THE OWNER AND/OR CLIENT HAS ASSUMED RESPONSIBILITY FOR ALL BIDDING, CONSTRUCTION OBSERVATION & RELATED DETAILS.
- ALL DETAILS NOT INDICATED SHALL BE THE RESPONSIBILITY OF THE OWNER & CONTRACTOR.

BUILDING INFORMATION

- BUILDING OCCUPANCY: M' MERCANTILE
- CONSTRUCTION TYPE: VB
- BUILDING AREA: 5,970 SQ. FT.
- FIRE PROTECTION: NA
- OCCUPANT LOAD: 69 PEOPLE

LOCATION MAP



PROJECT LOCATION:

1212 N ROCHESTER ST,
MUKWONAGO, WI 53149



SHEET INDEX

G001	TITLE SHEET
G002	LIFE SAFETY
AS101	ARCHITECTURAL SITE PLAN
AD101	DEMOLITION PLAN
S101	FOUNDATION PLAN
A101	PROPOSED PLAN
A102	REFLECTED CEILING PLAN & DETAILS
A103	ROOF PLAN
A201	ELEVATIONS
A501	DETAILS
A801	EQUIPMENT PLAN

Conditionally
APPROVED
DEPT. OF SAFETY AND PROFESSIONAL
SERVICES
DIVISION OF INDUSTRY SERVICES

[Signature]

SEE CORRESPONDENCE
CB-112101384-PRB
11/9/2021

PROJECT DIRECTORY

OWNER:

KWIK TRIP, INC.
1626 OAK STREET
LA CROSSE, WI 54602
PHONE: 608.781.8988

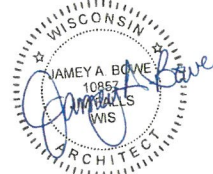
ARCHITECT:

RIVER VALLEY ARCHITECTS, INC.
3300 BIRCH STREET, SUITE 1A
EAU CLAIRE, WI 54703
PHONE: 715.832.0875

STRUCTURAL DESIGN:

PINK HOREISH LLC
N9494 STATE ROAD 69
NEW GLARUS, WI 53574
PHONE: 608.658.1257

09.24.2021



KWIK TRIP, Inc.
P.O. BOX 2107
1425 OAK STREET
LA CROSSE, WI 54603-2107
TEL: (608) 781-8988
FAX: (608) 781-8982

KWIK TRIP INC.
282#-FREEZER / COOLER ADDITION
1212 N ROCHESTER ST, MUKWONAGO, WI 53149

MARK	DATE	DESCRIPTION

DRAWN BY: SCR
PAI: BLC
JOB NO: 21-091
DATE: 09.24.2021

SHEET NAME
TITLE SHEET

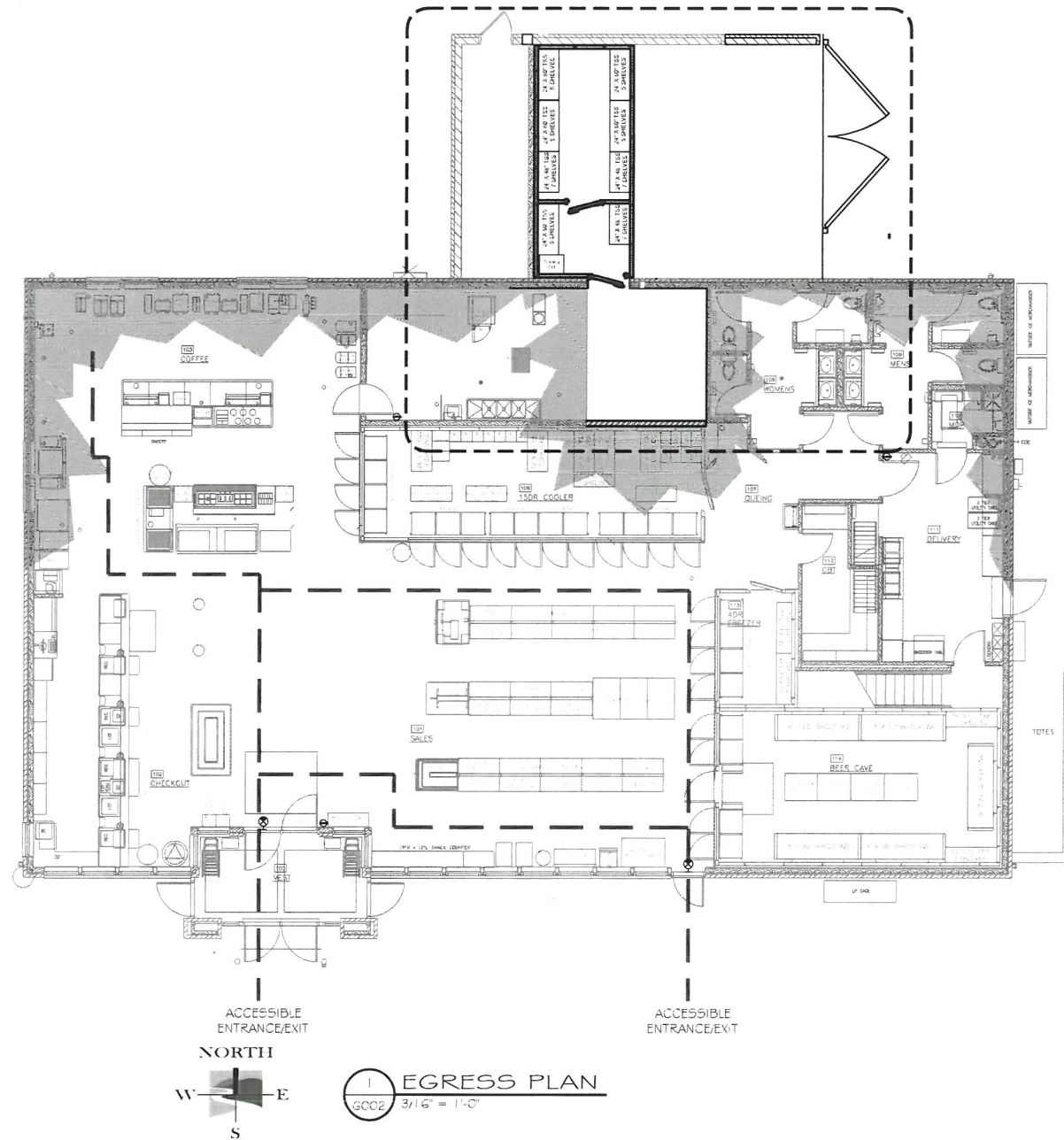
G001

SET TYPE - REGULATORY



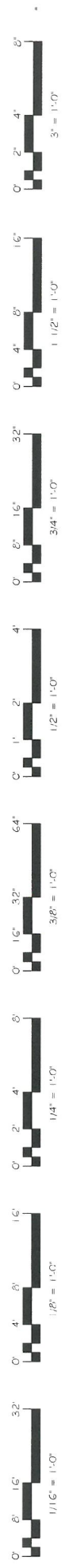
BUILDING CODE INFORMATION

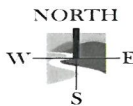
1.	BUILDING OCCUPANCY:	MERCANTILE "M"
2.	BUILDING AREA:	5,970 SQ. FT.
3.	NUMBER OF STORIES/BUILDING HEIGHT:	1
4.	TYPE OF CONSTRUCTION:	VB
5.	SPRINKLER REQUIREMENTS:	NON-SPRINKLED
6.	OCCUPANT LOAD:	
	a. MERCANTILE @ GRADE FLOOR:	3742 SQ. FT./GO = 62 PERSONS
	b. MERCANTILE @ STOCK AREA:	2223 SQ. FT./300 = 7 PERSON
7.	TOTAL OCCUPANTS:	62 REQUIRED EGRESS WIDTH: 69" 2 = 138"
	a. EGRESS WIDTH PROVIDED:	APPROXIMATELY 103"
8.	ALLOWABLE EXIT TRAVEL DISTANCE:	200' MAX
9.	PLUMBING/FIXTURES:	
	a. WATER CLOSETS:	
	i. MALE - 1 REQUIRED, 2 WATER CLOSETS & 2 URINALS PROVIDED	
	ii. FEMALE - 1 REQUIRED, 3 PROVIDED	
10.	LAVATORIES:	
	a. MALE - 1 REQUIRED, 2 PROVIDED	
	b. FEMALE - 1 REQUIRED, 3 PROVIDED	
	c. WATER COOLERS - 1 PER 1,000 - 1 PROVIDED @ SODA STATION	
	d. SERVICE SINKS - 1 REQUIRED, 1 PROVIDED	



SET TYPE - REGULATORY

[illegible]





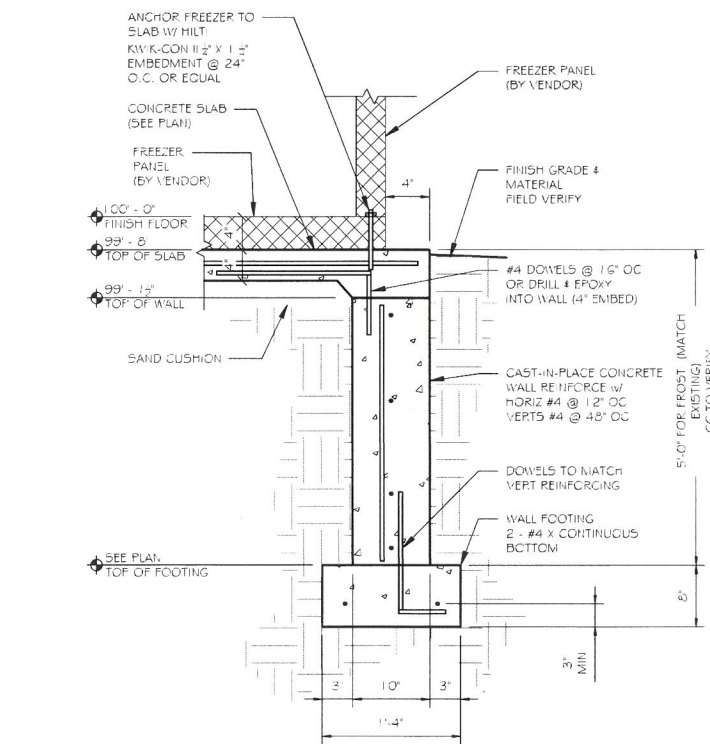
	EXISTING CONSTRUCTION
	EXISTING CONSTRUCTION TO BE DEMOLISHED
	NO DATES ROOM NAME & NUMBER
	INDICATES EXISTING DOOR TO REMAIN
	INDICATES EXISTING DOOR TO BE DEMOLISHED
	DEMOLITION KEYNOTES

- EACH CONTRACTOR & SUBCONTRACTOR SHALL VERIFY ALL ITEMS IDENTIFIED FOR REMOVAL BY OWNER PRIOR TO START OF CONSTRUCTION.
- IT SHALL BE THE RESPONSIBILITY OF THE OWNER AND/OR CONTRACTOR, SUBCONTRACTOR TO HAVE ANY ITEMS SCHEDULED FOR DEMOLITION TESTED FOR THE PRESENCE OF HAZARDOUS MATERIALS. ANY ITEMS FOUND TO CONTAIN HAZARDOUS MATERIALS SHALL BE LEGALLY REMOVED & DISPOSED OF IN COMPLIANCE WITH LOCAL, STATE & FEDERAL LAWS.
- EACH CONTRACTOR/SUBCONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS PRIOR TO BIDDING & START OF CONSTRUCTION.
- EACH SUBCONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING ALL EXISTING WALLS, FLOORS, FINISHES, ETC. AS REQUIRED DURING CONSTRUCTION. ANY DAMAGE TO EXISTING CONSTRUCTION SHALL BE REPAIRED AS NEEDED @ THE EXPENSE OF THE PARTY CAUSING THE DAMAGE.
- EACH CONTRACTOR/SUBCONTRACTOR SHALL BE RESPONSIBLE FOR CUTTING & PATCHING THEIR OWN OPENINGS UNLESS OTHERWISE DESIGNATED. RESTORE TO MATCH ADJACENT SURFACES. SKILLED TRADESPEOPLE SHALL BE USED FOR ALL PATCHING TO ENSURE QUALITY WORK.
- THE GENERAL CONTRACTOR SHALL REVIEW ALL EXISTING WALLS, FLOORS & CEILINGS, & WHICH ARE TO REMAIN. ALL NEW HOLES, ABRASIONS & OPENINGS LEFT FROM THE REMOVAL OF FASTENERS, ETC. SHALL BE FILLED WITH APPROPRIATE MATERIALS TO MATCH THE EXISTING CONSTRUCTION PRIOR TO FINISHING.
- EACH CONTRACTOR/SUBCONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL OF ALL ITEMS NECESSARY TO CONSTRUCT THE NEW WORK AS DESIGNED, BUT NOT INDICATED HEREIN. EACH CONTRACTOR & SUBCONTRACTOR SHALL BE RESPONSIBLE FOR THE COMPLETE REMOVAL OF ALL ITEMS IDENTIFIED ON THE PLANS AS WELL AS ALL ASSOCIATED ITEMS NOT SPECIFICALLY MENTIONED, BUT REQUIRED TO COMPLETE THE WORK (INCLUDING, BUT NOT LIMITED TO SPECIALTY ITEMS, PLUMBING FIXTURES, DIFFUSERS, LIGHT FIXTURES, ETC.). ALL ITEMS TO BE REMOVED SHALL BECOME THE PROPERTY OF THE ASSOCIATED CONTRACTOR OR SUBCONTRACTOR & SHALL BE LEGALLY DISPOSED OF OFF SITE (UNLESS NOTED OTHERWISE). ALL ITEMS IDENTIFIED AS REMOVED & REINSTALLED SHALL BE STORED & PROTECTED BY THE APPROPRIATE CONTRACTOR OR SUBCONTRACTOR UNTIL REINSTALLATION IS COMPLETE.
- THE OWNER SHALL HAVE THE RIGHT OF FIRST REFUSAL ON ITEMS REMOVED BY ANY CONTRACTOR OR SUBCONTRACTOR WHICH ARE NOT INDICATED TO BE REUSED IN THE CONSTRUCTION OF THIS PROJECT. ANY ITEMS NOT RETAINED BY THE OWNER SHALL BE LEGALLY DISPOSED OF OFF SITE BY THE APPROPRIATE CONTRACTOR/SUBCONTRACTOR.
- COMPLY WITH APPLICABLE LOCAL, STATE & FEDERAL CODES & REGULATIONS PERTAINING TO SAFETY OF PERSONS, PROPERTY & ENVIRONMENTAL PROTECTION.
- PROVIDE & MAINTAIN BARRICADES, LIGHTING & GUARDRAILS AS REQUIRED BY APPLICABLE CODES & REGULATIONS TO PROTECT OCCUPANTS OF BUILDING & WORKERS.
- ERECT & MAINTAIN DUSTPROOF PARTITIONS AS REQUIRED TO PREVENT SPREAD OF DUST, FUMES & SMOKE, ETC. TO OTHER PARTS OF THE BUILDING. ON COMPLETION, REMOVE PARTITIONS & REPAIR DAMAGED SURFACES TO MATCH ADJACENT SURFACES.
- IF DEMOLITION PERFORMED IS IN EXCESS OF THAT REQUIRED, RESTORE AFFECTED AREAS @ NO COST TO THE OWNER.
- REMOVE FROM SITE & LEGALLY DISPOSE OF REFUSE, DEBRIS, RUBBISH & OTHER MATERIALS RESULTING FROM DEMOLITION OPERATIONS.
- ITEMS SHOWN AS DASHED TO BE DEMOLISHED TYPICAL U.N.O.
- WHERE NEW WALLS CONFLICT WITH EXISTING DATA & POWER OUTLETS, ABANDON EXISTING OUTLETS & RELOCATE TYPICAL U.N.O.
- ALL WALLS NOTED TO BE DEMOLISHED SHALL INCLUDE ALL ASSOCIATED INSTALLED ITEMS SUCH AS POWER/DATA OUTLETS, SWITCHES (UNLESS ITEM CONTROLLED IS TO REMAIN), MILLWORK, ETC. U.N.O.
- SMOOTH & PREPARE SURFACES FOR NEW FINISH WHERE DEMO OCCURS.

- D-1 REMOVE EXISTING SHELVING OWNER/CC TO VERIFY WHAT TO SALVAGE
- D-2 REMOVE PORTION OF EXISTING WALL TO ACCOMMODATE NEW OPENING. (GC TO VERIFY SIZE OF OPENING)
- D-3 REMOVE EXISTING COOLER & RELATED COMPLETE.
- D-4 REMOVE & SALVAGE EQUIPMENT GC/ OWNER TO VERIFY
- D-5 REMOVE EXISTING DENS SHIELD ON WALLS BEHIND COOLER & ABOVE
- D-6 REMOVE EXISTING LIGHTS IN EXISTING FREEZER/COOLER @ CEILING
- D-7 NOT USED
- D-8 REMOVE & SALVAGE EXISTING TRASH ENCLOSURE DOOR POST # SURROUNDING CONCRETE
- D-9 REMOVE & SALVAGE EXISTING TRASH ENCLOSURE DOOR BUMPER AND SURROUNDING CONCRETE
- D-10 REMOVE EXISTING SLAB AS REQUIRED TO ACCOMMODATE NEW FOUNDATIONS GC TO VERIFY EXTENTS

[illegible]

KWIK TRIP INC.
282#-FREEZER / COOLER ADDITION
1212 N ROCHESTER ST, MUKWONGO, WI 53149



EXISTING WALL CONSTRUCTION

NEW TOPPING SLAB AT EXISTING RECESSED FREEZER SLAB (SEE PLAN)

2'-0" LONG X #5 DOWEL @ 24" ON CENTER D.P.L.L. & EPOXY INTO EXISTING FOUNDATION WALL. 6" EMBEDMENT W/ HILT BY 1'00 OR EQUIVALENT

EXISTING FOUNDATION WALL (FIELD VERIFY)

EXISTING FOOTING (FIELD VERIFY)

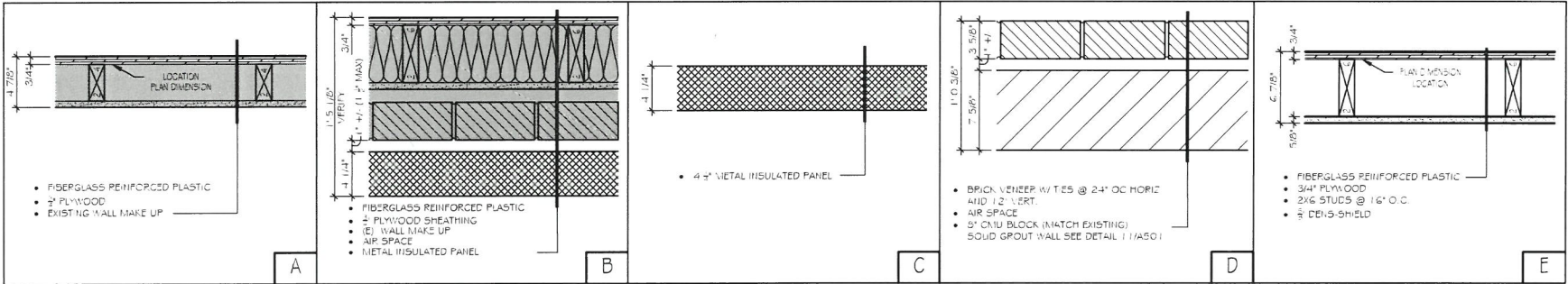
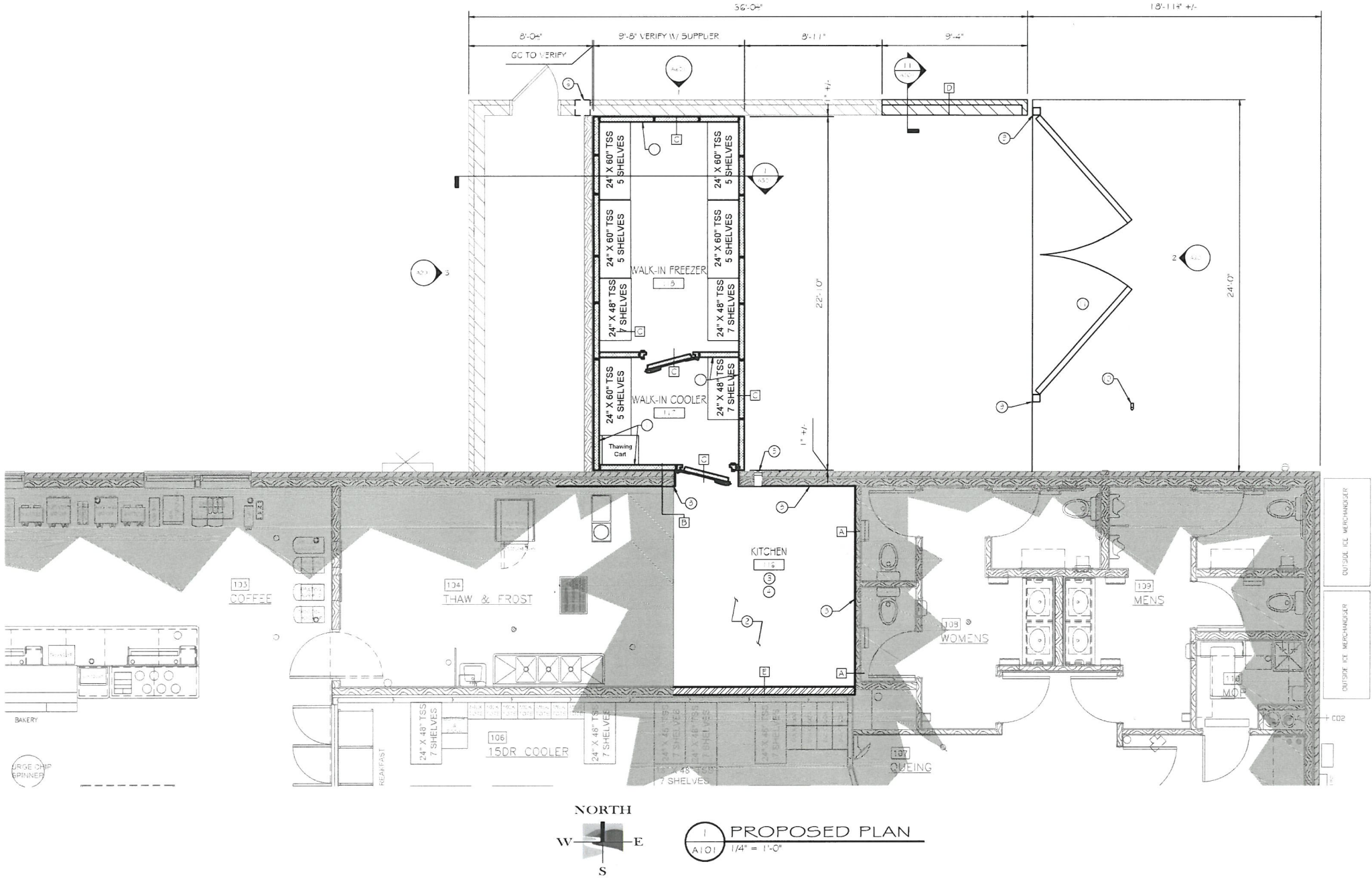
FIELD VERIFY (ASSUMED 96'-3") TOP OF FOOTING

3 FOUND
5101 1 1/2" = 1'

PROPOSED CONCRETE FOUNDATION WALL
 EXISTING FOUNDATION WALL
 DETAIL SECTION MARK
 ELEVATION SYMBOL
 INDICATES EXISTING DOOR TO REMAIN

SET TYPE - REGULATORY

S101



2 WALL TYPE DETAILS
A101 1 1/2" = 1'-0"

GENERAL NOTES

- PROVIDE BLOCKING @ ALL WALL MOUNTED EQUIPMENT
- BRICK PATTERNS TO MATCH EXISTING CONDITIONS.
- FIELD VERIFY EXISTING CONDITIONS IF THEY DIFFER FROM SHOWN CONDITIONS.
- GC / OWNER TO VERIFY EQUIPMENT SHOWN AS NEW TO BE INCLUDED ON PLAN & ADDITIONAL ITEMS NOT SHOWN THAT MAY NEED TO BE RELOCATED OR ADDED.
- GC TO VERIFY ANY EXTERIOR WALL VENTS, PIPES, OR WALL MOUNTINGS TO BE RELOCATED OR REMAIN.
- GC TO VERIFY ALL WALL TYPES USED ARE CORRECT
- GC TO VERIFY ANY ADDITIONAL INTERIOR WALL OR CEILING MOUNTINGS INCLUDING ELECTRICAL OUTLETS OR MECHANICAL

KEY NOTES

1. NEW WALK-IN FREEZER/COOLER WALL PANELS
2. NEW TOPPING SLAB INFILL AS REQUIRED @ EXISTING FLOOR LEVEL & PROVIDE TILE & BASE TO MATCH EXISTING.
3. WIRE MOLD ABOVE TABLE @ 32" AFF TO TOP (GC TO VERIFY LOCATION(S))
 - * 1 - OUTLET FOR MICROWAVE & SCALE
 - * 1 - OUTLET FOR MICROWAVE & LABEL MAKER
 - * 2 - LV PORTS FOR SCALE & LABEL MAKER
 - * 2 - MICROWAVE SHELVES @ 54" AFF TO BOTTOM OF SHELF
4. ELECTRICAL OUTLET @ 48" AFF (GC TO VERIFY LOCATION)
5. RELOCATED 8" PVC PIPE
6. NEW SCUPPER GC TO VERIFY LOCATION AND SIZE
7. NOT USED
8. 3/4" PLYWOOD & FRP ATTACHED TO WALL
9. RELOCATE POSTS FOR TRASH ENCLOSURE DOORS (GC TO VERIFY LOCATION) SEE: 9/A501
10. RELOCATE BUMPER FOR TRASH ENCLOSURE DOORS (GC TO VERIFY LOCATION) SEE: 10/A501
11. RELOCATE EXISTING TRASH ENCLOSURE ITEMS (GC TO VERIFY)

FREEZER/COOLER SPECIFICATIONS

- PRODUCT APPROVAL # 20189006
- EXPIRATION DATE 11-2-31-2023
- INSULATION 4" THICK - UL CLASS 5 1" FOAM
- EXTERIOR FINISH: AS SHOWN - 26 GA STUCCO GALVANIZED ALMOND BALANCE - 26 GA STUCCO GALVANIZED BKT. METAL (TOP/BOT) - 26 GA STUCCO GALVANIZED
- INTERIOR FINISH: 26 GA STUCCO GALVANIZED
- FLOOR TYPE: 16 GA STAINLESS STEEL -GRIPTEX

FLOOR PLAN LEGEND

- PROPOSED CONSTRUCTION
- EXISTING CONSTRUCTION
- ROOM NAME NO DATES ROOM NAME & NUMBER
- NO DATES WALL TYPE SEE DETAILS SHEET A-D
- NO DATES EXISTING DOOR TO REMAIN
- KEYNOTE
- NO DATES EXISTING ROOM NAME & NUMBER
- ELEVATION MARKER



KWIK TRIP, Inc.
P.O. BOX 2197
1825 OAK STREET
LA CROSSE, WI 54601-2197
PH: (608) 781-8953
FAX: (608) 781-8992

KWIK TRIP INC.
282#-FREEZER / COOLER ADDITION
1212 N ROCHESTER ST, MUKWONAGO, WI 53149

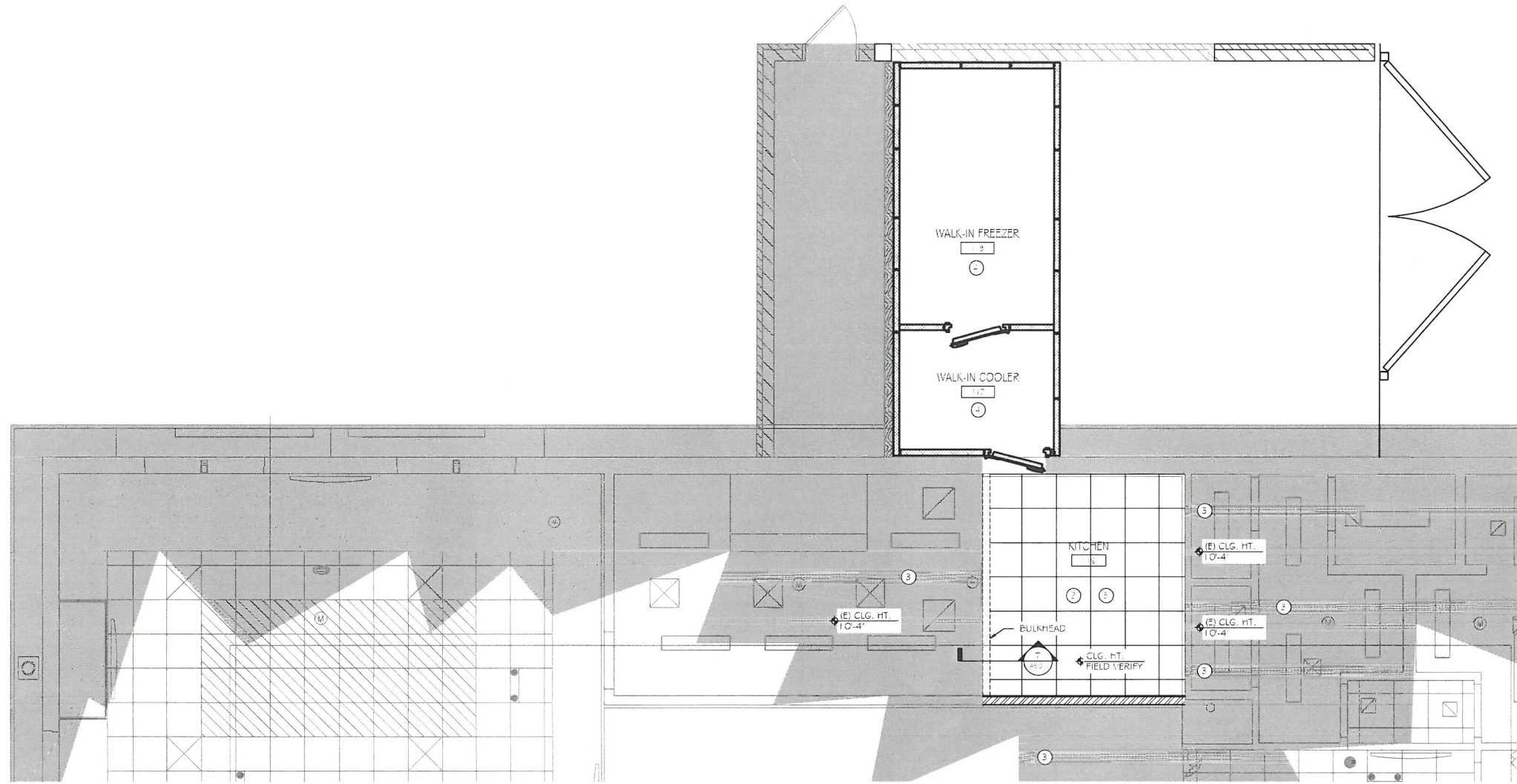
MARK	DATE	DESCRIPTION

DRAWN BY: SCR
FM: BLC
JOB NO: 21-091
DATE: 09.24.2021

SHEET NAME
PROPOSED PLAN

A101

SET TYPE - REGULATORY



REFLECTED CEILING PLAN

1. NOT USED
2. PROVIDE VINYL-FACED GYPSUM CORE CEILING TILE BY SUPPLIER
3. AREA EXISTING CEILING TO REMAIN.
4. PROVIDE NEW LIGHT FIXTURES AS REQUIRED BY OWNER-REFER TO GC / ELECTRICAL
5. GC TO VERIFY IF NEW DIFFUSER IS REQUIRED.

VINYL-FACED
GYPSUM CORE
CEILING TILE
(GC TO VERIFY)

ROOM

101

INDICATES ROOM NAME & NUMBER

DETAIL SECTION MARK

— ELEVATION SYMBOL

NO GATES EXISTING ROOM TAG

2

RE-NOTE




KWIK TRIP, Inc.
P.O. BOX 2107
1825 CAK STREET
LA CROSSE, WI 54603-2107
PH: (209) 781-9995
FAX: (209) 781-9990

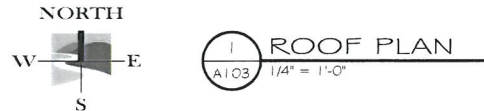
KWIK TRIP INC.
282#-FREEZER / COOLER ADDITION
1212 N KOCHESTER ST, MUKWONAGO, WI 53149

DRAWN BY: SCP
FM: BLC
JOB NO: 21-091
DATE: 09.24.2021

SHEET NAME
REFLECTED CEILING
PLAN & DETAILS

A102

SET TYPE - REGULATORY



1. CONTINUOUS TERMINATION BAR FOR ROOF MEMBRANE
2. COOLER MECH UNIT BY SUPPLIER
3. "L1-1" = LOOSE UNTIL FOR ROUGH OPENING BELOW: L2x2x3/8" W/ 5" BEARING EACH END. (SEE RELATED DETAIL)
4. "H1-1" = OPENING HEADER FOR ROUGH OPENING FOR GABLE END WALL: 3 - 2x12 HEADER, AT JAMBS PROVIDE 2 SHOULDER STUDS + 1 FULL HEIGHT STUD EACH END. (SEE RELATED DETAIL)
5. STRUCTURAL ROOF SYSTEM COVERED WITH DL ROOF MEMBRANE + SLOPED AWAY FROM THE BUILDING. (SEE RELATED DETAIL)
6. DL TERMINATION BAR INTO EXISTING WALL.
7. OVERLAPPING NEW ROOF MEMBRANE WITH EXISTING ROOF MEMBRANE W/ TERMINATION BAR + FASTENERS @ 5' OC SEE 13/A501 GO TO VERIFY
8. NOT USED 2 JOIST REQUIRED FOR SNOW LOADING (SEE PLAN) (SEE DETAIL 13/A501)
9. NEW SUPPER GO TO VERIFY SIZE AND LOCATION



KWIK TRIP, Inc.
P.O. BOX 2107
1826 CAK STREET
LA CROSSE, WI 54603-2107
PH. (508) 781-8993
FAX (508) 781-8990

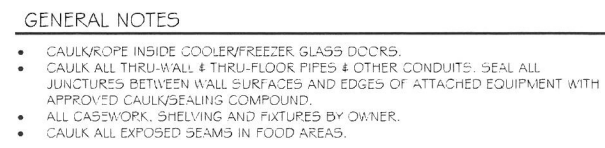
KWIK TRIP INC.
2822#-FREEZER / COOLER ADDITION
212 N ROCHESTER ST, MUKWONGO, WI 53149

DRAWN BY: SCR
FM: BLO
JOB NO: 21-091
DATE: 09.24.2021

A103







RVA
RIVER VALLEY ARCHITECTS
3300 Birch Street, Suite 1A Eau Claire, WI 54703



STORES



STORES

KWIK TRIP, Inc.
P.O. BOX 2197
1825 C&H STREET
LA CROSSE, WI 54603-2197
Ph. (920) 781-5955
FAX (920) 781-9590

KWIK TRIP INC.
282#-FREEZER / COOLER ADDITION
1212 N ROCHESTER ST. MUKWONAGO, WI 53149

[illegible]

**VILLAGE OF MUKWONAGO
WAUKESHA AND WALWORTH COUNTIES**

RESOLUTION NO. 2022-06

**A RESOLUTION FOR SITE PLAN AND ARCHTIEICTURAL REVIEW FOR KWIK TRIP, INC
1220 N ROCHESTER ST, PARCEL MUKV 1962-993-001**

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 KWIK TRIP, INC.

WHEREAS, the use is permitted within the B-3 Community Business District 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 1220 N ROCHESTER ST 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 Village. 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, a pre-construction meeting must be held with the applicant's representatives and primary contractors, and the Village Inspections Department.
3. 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.
4. 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.
5. All work related to this project must comply with all project plans approved by the Village.
6. The developer must comply with all requirements related to impact fees imposed by the Village.
7. The developer shall comply with all parts of the Municipal Code as it relates to this project.

8. 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.
9. All new materials shall match the existing building, any modifications or changes shall be approved by the Planner prior to substitution.
10. 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 19th day of January 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
January 11, 2022 at 6:30pm
Mukwonago, WI

**Zoning Map Amendment,
Site Plan and Architectural Review,
And *Parking Exception**

Parcel Number: **MUKV 2009-964-004 and MUKV 2009-964-001**

*Parking Exceptions are approved by Planning Commission and do not require VB approval.

Case Summary

Parcel Data

Proposal:	1. <u>Zoning Map Amendment</u> : Consideration to a Zoning District Boundary Change from B-2 General Business to B-2 General Business /BMX – Business Mixed Use Overlay 2. <u>Site Plan and Architectural Review</u> 3. <u>Parking Exception</u>
Applicant:	Vlaznim Islami aka Viktor Islami Sani Islami
Owner:	Vlaznim Islami aka Viktor Islami Sani Islami
Request:	Rezoning Request
Staff Recommendation:	Approve with Conditions

Parcel Characteristics / Conditions

Acreage:	1.6354 and 1.34acres
Current Use:	Parking/Vacant and Restaurant/Vacant
Proposed Use:	Parking/Apartment and Parking/Apartment and Restaurant
CSM:	A CSM will be required and process in the near future
Reason for Request:	Rezoning to BMX overlay
Current: Land Use Classification:	Low Intensity Commercial/ Business with Business Mixed Use Overlay

Proposed: Land Use Classification:	No Change
Current: Zoning Classification:	B-2 General Business
Proposed: Zoning Classification:	B-2 General Business /BMX – Business Mixed Use Overlay
Census Tract:	2039.01

Public Notice

A public hearing notice was published two times in the Waukesha Freeman, and letters were mailed to surrounding property owners. Public comment as of this date, staff has not received any comments or other communications regarding this proposal.

Rezoning Request

The applicant is requesting to rezone the property from B-2 General Business to B-2 General Business /BMX – Business Mixed Use Overlay. This rezoning if approved will allow for residential uses to be able to be permitted on the two (future combined) parcels.

Comprehensive Plan / Land Use Plan

The property is classified on the comprehensive plan / land use plan as Low Intensity Commercial/ Business with Business Mixed Use Overlay. The intent of the Business Mixed Use Overlay is to allow for a mix of residential and commercial uses on one property or area with a density of 20 dwelling units per acre and within the Main Street/South Planning District a maximum of 3 stories.

Upon review staff supports the request based upon compliance with the Comprehensive Plan.

Site and Architectural Review

Overall Site	Two properties are being considered for rezoning one being 1.6354 and 1.34acres
Utilities	All utilities will be underground, sewer and water is available. Service laterals will need to be provided.
Stormwater Management	Stormwater management is planned for the site. Currently, there is no stormwater management on the property. A bioretention facility is planned for the western portion of the lot parallel to the multi-use path and wrapping around the southern and northern portions of the budling. A bioretention facility is also planned for the central landscaping area of the parking lot. The preliminary concepts have been reviewed by R-M and they have provided an attached letter.

Wetlands	Wetlands have been reviewed and a report prepared. Please see attached.			
Easements	Existing easements are unknown at this time. New easements will need to be prepared and granted for the multi-use path for public access and village maintenance, etc.			
Units	Phase 1A (north south wing) = 29 Phase 1B (east west wing) = 24 Phase 1 Total = 53 Phase 2 (new multi-use building) = unknown			
Green Space (B-2)	Required	25%.	Provided	28.87%
Max Building Coverage (B-2)	Required	35%	Provided	25.71%
Maximum Lot Coverage (B-2)	Required	75%	Provided	71.12%
Height	Maximum	4 stories	Provided	3 stories
Density	Maximum	20 Units/Acre	Provided	17.78 Units/Acre (Phase I)
Restaurant	Existing and Proposed 5,159 SF			
Parking	Phase 1A and 1B Apartment Summary: Residential: 1 stall per unit enclosed = Required 53/Provided 53 Residential: 1.25 x # of units = Required 66/Provided 31 Total Residential = Required/Provided 119 / 84 Deficit of Apartment parking = 35 Restaurant Summary: Restaurant: 1 space per employee (15) = Required/Provided = 15/15 Restaurant: 1 space for 3 seats (184 seats / 3) = Required/Provided = 62/62 Total Restaurant = Required/Provided 77/77 Additional Street Parking = 23 Total Parking Required = 196 spaces On Site Parking Provided = 173 spaces Total Spaces Short = 23 spaces – <i>See section regarding parking exception.</i>			
Landscaping	Summary: The applicant has provided a robust landscaping plan for the property. The plan calls for a variety of deciduous trees including flowering crab, black gum, flowering pear, mountain ash, and Linden. The evergreen species include Hillspire Juniper. The plan			

calls for seven deciduous shrubs species, four species of evergreen shrubs, four types of ornamental grasses and Sunsparkler Firecracker Sedum as a ground cover. Perennials will provide a burst of seasonal color with six different daylily species.

Comments:

- There does appear to be a discrepancy between the plans and the plant schedule. For example, the plant schedule indicated 3 Hillspire Juniper however the plans appear to indicate 9 along the southern edge of the property. Staff is recommending the approval of the landscaping plans be condition upon the final plans being the higher plant count to be approved by planning prior to issuance of grading permits.
- Staff is concerned about the landscaping plans for the northern portion of the property. Original conceptual plans indicated that this area would be filled with paintings and grass, however final plans being presented provide for a 26 ft wide grasscrete fire lane. There is an area 29'8" of space between the building and the property line and additional space in areas where the building bumps in. The reason the above noted concerns is that this area on the first floor is a parking garage with no building articulation and staff is concerned about the appearance of a flat un-articulated building façade. Staff is recommending that within the bump in areas some upright and ground level planting be provided along with an ornamental tree. In areas where there are bump outs of the building staff recommends that a greenwall system be provided in these areas with details to be approved by staff.

Bike Parking

The applicant has not provided any bike parking at this time.

- Staff recommend, since this property is located along the greenway trail, that at least a three rack bike rack be integrated into the landscaping near the restaurant and that at least 25 spaces be provided for the apartment building with spaces to be located within the parking area as well as outside the apartment building with exact locations and numbers to be determined by the developer and planner prior to building permits.

Patio	The applicant is proposing to remodel and extend the outdoor dining area of the restaurant towards Main Street. This patio will feature masonry piers, metal fencing and additional landscaping. The plans indicate a scored concrete pavement pattern. Specific details have not been provided. Comments: • Staff recommends that details of the fence, piers, pavement details, landscaping and lighting be deferred to staff for approval prior to issuance of a grading permit.
Lighting	The applicant is proposing coordinating building and site lighting. They are proposing a Sternberg Chateau Series fixture and a urban line pole for the stie lighting and a Brownlee 7610 LED budling light as well as a Cree xsp series security fixture. The chosen fixtures are all high-quality fixtures. The lighting plans do show lighting levels compliant with zero at the property line. Please note this proposal does not provide any lighting along the multi-use path. ○ Please note that the lighting selection is not identical or similar to the point or the Lumec pole and fixture that has been used in other locations of the Village. Staff recommends that the lighting be provide with this development along the multi-use path and that the lighting be identical to the fixtures located on the multi-use path just to the north through the Point Apartment Development.
Dumpsters:	The applicant has not provided details with regard to the exterior dumpsters planned for the restaurant or apartments or interior locations for garage and recycling services within the apartments. • Staff recommends that design of the dumpsters with regard to color, design, and location be approved by planning staff prior to issuance of building permits, subject to the designs integrating with the materials and design of the property.
Architecture Review Restaurant:	No exterior modification to the architecture of the restaurant is being proposed at this time. See comments above regarding patio.
Architectural Review	

Apartments:

The applicant has provided architectural drawings for Phase 1A. As well as Drawings for Phase 1A and 1B. At this time the applicant is requesting approval for both phases to allow the flexibility which may be dependent upon financing.

Phase 1A includes 29 units with structured parking as well as the main core of the facility include lobby, elevators, stairs, and common rooms and amenities.

Phase 1B includes 24 units with additional structure parking.

The building consists of a combination of unit types which include:

- Efficiency Units = 16
- One Bedroom Units = 28
- Two Bedroom Units = 9

The building is designed as a modified “L” shape building to correspond with the property lines and greenway that will go through the western portion of the property. The Community Room and roof top deck area is designed to view Lower Phantom Lake from the third level of the building.

The exterior design of the building features a first-floor parking garage and is expressed in the architectural drawings as a solid wall with limited openings except for entry and exists and some openings aligned with upper-level balconies. Architecturally, the facades have minimal articulation and present as a masonry product. In some instances, the panelized product from the upper levels is brought to the 1st level near the openings that are aligned to the upper balconies.

The faces for the second level of the building have masonry elements mostly defined at the projecting elements of the building which are capped by gables. Those portions of the building that are recessed have a panel system.

The third level of the budling has no masonry products and consist of panelized system as the primary building material. The balconies and windows within the project gabled details have small awnings located above the fenestration elements.

Overall, the budling has a gabled roof with smaller gables and at corner elements there are layered gabled details.

The applicant does not have line drawings or detailed architectural drawings.

- Staff recommends that the building design be approved in concept at this time and that detail line drawings and larger scale drawings be submitted to the Planning Commission for final approval.

Building Materials: Material samples and colors have not been provided.

- Staff recommends that final materials and colors be submitted to the Planning Commission for final approval.

Parking Exception

Section 100-402 (b) (2) d. allows for parking exceptions to be granted by the planning commission when there is a change of use of land may at its discretion grant an exception to the requirements of constructing additional parking spaces. The applicant is required to demonstrate how the site constraints and other standard of this chapter do not allow construction of additional on-site parking space and shall provide justification that there are sufficient spaces available for overflow parking such as street parking or shared parking on neighboring or nearby properties.

The applicant has indicated the following:

Good afternoon John,

I have reviewed the parking as shown on the submitted Civil Drawings. We are currently recognizing 173 available parking spaces. Our tabulation, for Phase 2, requires the following;

- *53 Interior spaces for the Apartment Building*
- *66 Exterior spaces for the Apartment Building*
- *15 Employee Spaces for the Restaurant*
- *62 Customer Spaces for the Restaurant*
- *196 Spaces Required*
- *173 Spaces Provided*
- *23 On-Street spaces required (to meet code)*

There are two issues that make us believe that we have adequate parking for the proposed development.

First, we are planning to maintain the hours of operation that currently exist for the Restaurant, (6:00 AM – 3:00 PM). Historically we are not filling the current Restaurant parking lot at 6:00. We would expect to see the lot filling up around the 7:30 time frame. This would give the Apartment Occupants time to leave for work in the morning freeing up spaces for Restaurant Customers during the morning.

Secondly, we view the required 1.25 times the number of interior spaces as excessive when considering a shared parking format. If we were to provide 1 parking stall per bed, we would need 61 spaces. In addition, we would provide 15 guest parking spaces (25% of the Apartment demand). This would require a total of 76 Spaces needed for the Apartment Building. The restaurant requires 15 spaces for Staff and 62 spaces for Customers totaling 77 spaces. This establishes a requirement of 153 spaces for the development. With the potential of 76 Residential spaces accounted for and the 77 restaurant Staff and Customers accounted for, we would still have 20 additional parking spaces for visiting guests. This would bring the guest parking total up to 35 spaces which would allow 66% of the units to have a guest.

When you recognize that the majority of guest will be visiting in the evening hours, the 77 restaurant spaces will be freed up during that time. This will allow for 112 parking spaces to be available for visitor during the evening hours. Conversely, there would be 35 spaces in the morning that the restaurant could use for waiting customers during turnover periods.

- 61 Resident Spaces (53 Interior, 8 exterior)
- 15 Apartment Guest Spaces
- 76 Apartment Spaces Needed

- 15 Employee Spaces for the Restaurant (Not used 3:00 PM to 6:00 AM)
- 62 Customer Spaces for the Restaurant (Not used 3:00 PM to 6:00 AM)
- 77 Restaurant Spaces/Visitor Spaces (when Restaurant is closed)
- 153 Total Spaces needed
- 173 Provided
- 20 Additional Spaces

For the Apartment Guest

- 15 Apartment Guest Spaces
- 20 Extra Spaces
- 77 Shared Restaurant Spaces
- 112 Spaces available for evening guests / 35 spaces during the day

It is based on this shared parking arrangement that we believe the we currently have enough parking on the Site. To that end, we are requesting an exception to allow the other 23 parking spaces, should they be necessary, to utilize the adjacent street parking. We do not see the need for 58 guest parking spaces to be provided.

Thank you for your consideration. If you have any further questions feel free to contact me.

Sincerely,

David Baum AIA

Schroeder and Holt Architects

Staff Review

Engineering	Please see attached letter from R-M. <i>If the Planning Commission and the Village Board would choose to approve these documents, we would request that you make approvals subject to our detailed technical review of the construction drawings for the requirements of the Department Heads and Village Ordinances. We also request that the permits to allow construction be withheld until this technical review is complete.</i>
Public Works	The multi-use path shall be dedicated to the Village through an easement. A development agreement shall be entered into with regard to the multi use path and any other public improvements. Construction details of the multi-use path shall be to Village specification with plans approved by the Village Engineer and Public Works Director. Inspections shall be conducted by the Village Engineer during construction of the multi-use path. Nonstandard details such as a fence between the retention pond and path or any other nonstandard details shall be provided as requested by the Village Engineer and Public Works Director.
Utilities	Comments are note on marked up drawings attached to this report and noted in the resolution. That include the following: • An easement shall be provided on the CSM on the north side of the property to allow utility access to be able to access the sewer utilities on the bath for maintenance. This shall include associated easement documents. • Public Sanitary Sewer easement shall be shown on all drawings. The applicant shall ensure that no structures will encroach into the sanitary ewer easement including retaining walls etc. • The applicant shall eliminate the second connection to the public water main. • The North South water main connection shall be an 8" connection to avoid the need for the second connection and minimize the cost of fire protection charges. • The fire hydrant connections shall be 6" • The east west water main line on the southern portion of the building shall be increased as well as the connection to the public water line shall be increased from 6" to 8".
Police	No Concerns at this time.
Fire	No Concerns at this time.
Building Inspection	No Concerns at this time.
Planning	Planning has the following site plan recommendations: 1. Landscaping:

- Staff is recommending the approval of the landscaping plans be condition upon the final plans being the higher plant count to be approved by planning prior to issuance of grading permits.
 - Staff is recommending that within the bump in areas on the north side of the building some upright and ground level planting be provided along with an ornamental tree. In areas where there are bump outs of the building a greenwall system shall be provided, details to be approved by staff.
2. Bike Parking
 - Staff recommend, 25 spaces be provided for the apartment building with spaces to be located within the parking area as well as outside the apartment building, exact locations and numbers to be determined by the developer and planner prior to building permits.
 3. Patio
 - Staff recommends that details of the fence, piers, pavement details, landscaping and lighting be deferred to staff for approval prior to issuance of a grading permit.
 4. Lighting
 - Staff recommends that the lighting along the trail be identical to the lighting along the trail adjacent to the Point. Plans and details to be provided to planning and public works staff prior to issuance of a building permit for approval.
 5. Dumpsters
 - Staff recommends that design of the dumpsters with regard to color, design, and location be approved by planning staff prior to issuance of building permits, subject to the designs integrating with the materials and design of the property.
 6. Architecture
 - Restaurant: Any exterior modifications to the restaurant other than specifically related to the patio or other site amenities shall be returned to the Planning Commission and Village Board for approval.
 - Apartments: Staff recommends that the building design be approved in concept at this time and that detail line drawings and larger scale drawings be submitted to the Planning Commission for final approval.

Recommendation

Rezoning:

Staff recommends that the Planning Commission recommend to the Village Board approval of a zoning map amendment and approve the attached ordinance.

Parking Exception:

Staff recommend that the Planning Commission approve an exception for parking for 23 parking spaces based upon the unit typologies approved for the budling, the ability to allow the mix of uses to share parking, and the availability of on street parking along Main Street, as well as the accessibility to the Multi-Use Trail as an alternative transportation.

Site Plan and Architectural Review:

Staff recommends that the Planning Commission recommend to the Village Board approval of a resolution that includes:

- a whereas statement addressing the Planning Commission approval of an exception for 23 parking spaces based upon the unit typologies approved for the budling, the ability to allow the mix of uses to share parking, and the availability of on street parking along Main Street, as well as the accessibility to the Multi-Use Trail as an alternative transportation.

And includes the following conditions of approval:

1. Prior to any land disturbing activity, the applicant must submit a complete and final set of plans to the Village. 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, a pre-construction meeting must be held with the applicant's representatives and primary contractors, and the Village Engineering, Public Works, Utilities, Police, Fire, Inspections, and Planning Departments.
3. 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.
4. The applicant must comply with all conditions of approval from the Village Engineer as noted in their preliminary and final reviews.
5. 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.

6. All work related to this project must comply with all project plans approved by the Village.
7. The developer must comply with all requirements related to impact fees imposed by the Village.
8. The developer shall comply with all parts of the Municipal Code as it relates to this project.
9. 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.
10. Prior to issuance of any preliminary start or building permit a CSM and associated easement documents shall be approved by the Village and recorded with the Register of Deeds.
11. This approval is subject to detailed technical review of the construction drawings for the requirements of the Village Engineer, Department Heads and Village Ordinances. Permits to allow construction shall be withheld until this technical review is complete and all plans including stormwater, utilities, fire, police, planning, building inspections etc. have been completed and approved. The applicant shall make changes and provide updated drawings as requested by the Village Engineer or other department heads, if necessary, prior to approval and issuance of any permits.
12. The multi-use path shall be dedicated to the Village through an easement. A development agreement shall be entered into with regard to the multi-use path and any other public improvements. Construction details of the multi-use path shall be to Village specification with plans approved by the Village Engineer and Public Works Director. Inspections shall be conducted by the Village Engineer during construction of the multi-use path. Nonstandard details such as a fence between the retention pond and path or any other nonstandard details shall be provided as requested by the Village Engineer and Public Works Director.
13. Comments are note on marked up drawings attached to this report and noted in the resolution. They include the following:
 - An easement shall be provided on the CSM on the north side of the property to allow utility access to be able to access the sewer utilities on the bath for maintenance. This shall include associated easement documents.
 - Public Sanitary Sewer easement shall be shown on all drawings. The applicant shall ensure that no structures will encroach into the sanitary sewer easement including retaining walls etc.
 - The applicant shall eliminate the second connection to the public water main.

- The North South water main connection shall be an 8" connection to avoid the need for the second connection and minimize the cost of fire protection charges.
- The fire hydrant connections shall be 6"
- The east west water main line on the southern portion of the building shall be increased as well as the connection to the public water line shall be increased from 6" to 8".

14. The plans are approved condition upon the following modification, revisions, and clarifications:

Landscaping:

The approval of the landscaping plans be condition upon the final plans being the higher plant count to be approved by planning prior to issuance of grading permits.

Additional plantings shall be provided within the bump in areas on the north side of the building some upright and ground level planting be provided along with an ornamental tree. In areas where there are bump outs of the building a greenwall system shall be provided, details to be approved by staff.

Bike Parking

25 spaces be provided for the apartment building with spaces to be located within the parking area as well as outside the apartment building, exact locations, and numbers to be determined by the developer and planner prior to building permits.

Patio

Details of the fence, piers, pavement details, landscaping and lighting be deferred to staff for approval prior to issuance of a grading permit.

Lighting

The lighting along the trail be identical to the lighting along the trail adjacent to the Point. Plans and details to be provided to planning and public works staff prior to issuance of a building permit for approval.

Dumpsters

The design of the dumpsters with regard to color, design, and location be approved by planning staff prior to issuance of building permits, subject to the designs integrating with the materials and design of the property.

Architecture

Restaurant: Any exterior modifications to the restaurant other than specifically related to the patio or other site amenities shall be returned to the Planning Commission and Village Board for approval.

Apartments: The building design shall be approved in concept at this time and that detail line drawings and larger scale drawings be submitted to the Planning Commission for final approval.

15. 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. Drawings

December 7, 2021

Mr. John Fellows, Assoc. AIA, CPM, AICP
Community Planner
Village of Mukwonago
440 River Crest Court
Mukwonago, WI 53149

Re: Blue Bay Mixed Use Development
Preliminary Storm Water Review

Dear Mr. Fellows:

We have reviewed the plan commission submittal for the Blue Bay Mixed Use Development. The submittal contained civil site plans and a storm water management plan, both dated December 3, 2021. This review is required by the Village Storm Water Ordinance to determine if early site planning has accounted for the requirements of the Ordinance. The intent is to avoid large changes to developments after the Planning Commission and Village Board have approved the concept and site plan.

We believe the plans, as submitted, can meet the requirements of the Village Ordinance and as such this letter will serve as the preliminary storm water review letter as detailed in 34-107(b) of the Village Ordinance. A full detailed technical review of the construction plans will be performed, prior to recommendation for approval for construction.

If the Planning Commission and the Village Board would choose to approve these documents, we would request that you make approvals subject to our detailed technical review of the construction drawings for the requirements of the Department Heads and Village Ordinances. We also request that the permits to allow construction be withheld until this technical review is complete.

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.



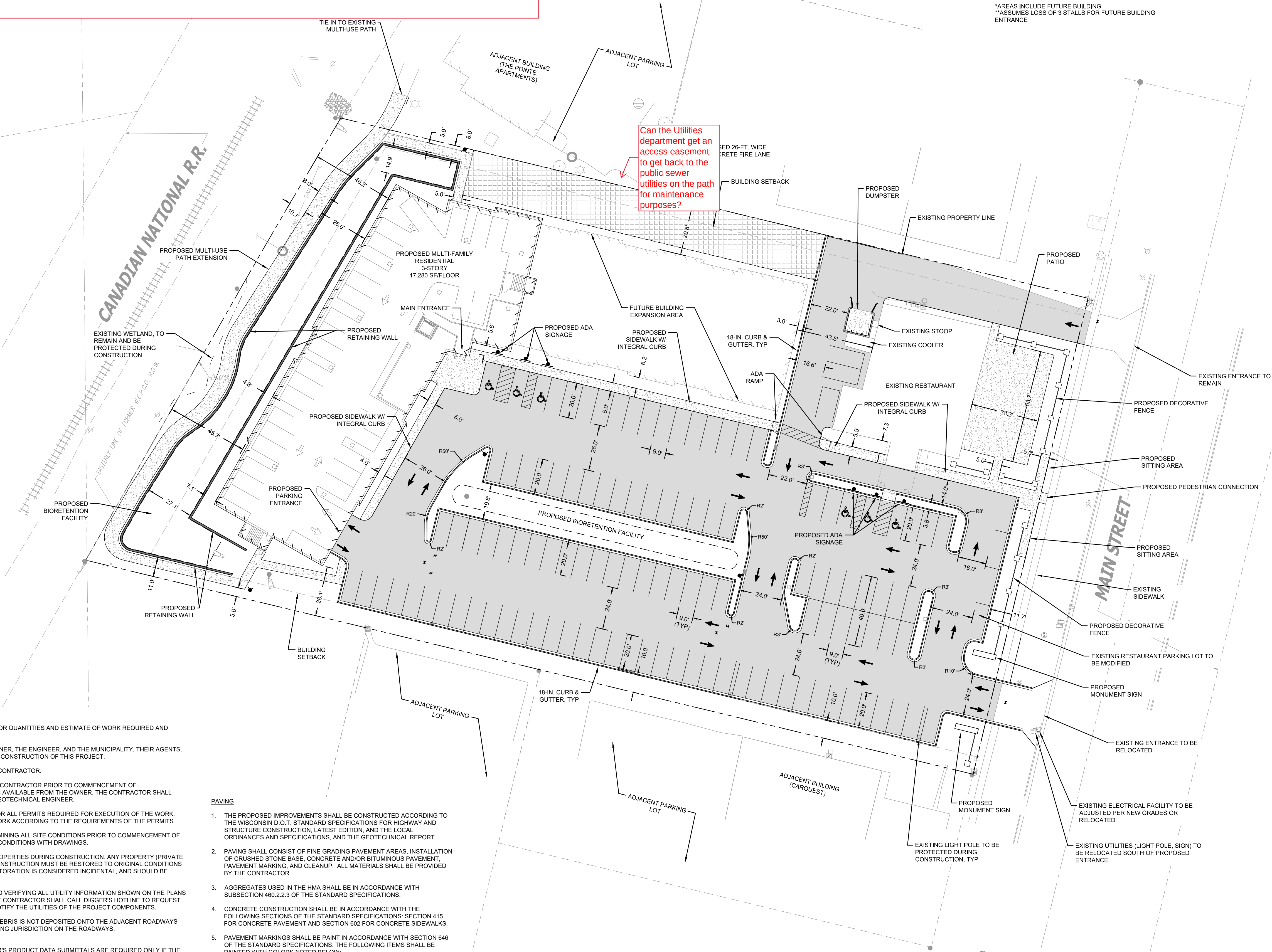
Peter W. Gesch, E.I.T.
Project Engineer
pgesch@ruekertmielke.com

PWG:pwg

cc: Tim Rutenbeck, Village of Mukwonago
Dave Brown, Village of Mukwonago
Wayne Castle, Village of Mukwonago
Ron Bittner, Village of Mukwonago
Daniel Streit, Village of Mukwonago
Jeff Stien, Village of Mukwonago
Jerad J. Wegner, P.E., Ruekert & Mielke, Inc.

COMBINED USES		
PROPOSED PARKING:		
INTERIOR SPACES		57
EXTERIOR SPACES		116
AVAILABLE STREET PARKING SPACES		12
TOTAL SPACES		185
AREAS:		
TOTAL SITE:	129,751 SF (2.98 AC)	
GREENSPACE	34,650 SF (0.80 AC)	
PERCENT OF TOTAL		26.7%
BUILDING	33,682 SF (0.77 AC)	
PERCENT OF TOTAL		26.0%

AREAS INCLUDE FUTURE BUILDING
**ASSUMES LOSS OF 3 STALLS FOR FUTURE BUILDING
ENTRANCE



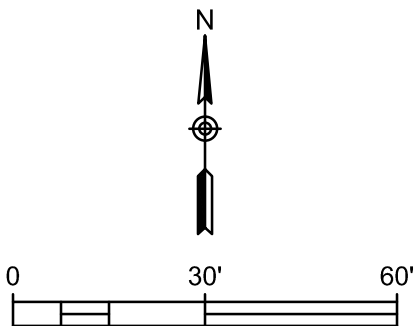
GENERAL NOTES

1. THE BIDDER WILL BE SOLELY RESPONSIBLE FOR QUANTITIES AND ESTIMATE OF WORK REQUIRED AND SHALL STATE SUCH QUANTITIES IN THEIR BID.
2. THE CONTRACTOR SHALL INDEMNIFY THE OWNER, THE ENGINEER, AND THE MUNICIPALITY, THEIR AGENTS, ETC. FROM ALL LIABILITY INVOLVED WITH THE CONSTRUCTION OF THIS PROJECT.
3. SITE SAFETY IS THE RESPONSIBILITY OF THE CONTRACTOR.
4. SOIL CONDITIONS SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO COMMENCEMENT OF CONSTRUCTION. A GEOTECHNICAL REPORT IS AVAILABLE FROM THE OWNER. THE CONTRACTOR SHALL ABIDE BY THE RECOMMENDATIONS OF THE GEOTECHNICAL ENGINEER.
5. THE CONTRACTOR SHALL OBTAIN AND PAY FOR ALL PERMITS REQUIRED FOR EXECUTION OF THE WORK. THE CONTRACTOR SHALL CONDUCT THEIR WORK ACCORDING TO THE REQUIREMENTS OF THE PERMITS.
6. THE CONTRACTOR IS RESPONSIBLE FOR EXAMINING ALL SITE CONDITIONS PRIOR TO COMMENCEMENT OF CONSTRUCTION AND SHALL COMPARE FIELD CONDITIONS WITH DRAWINGS.
7. CONTRACTOR SHALL PROTECT ADJACENT PROPERTIES DURING CONSTRUCTION. ANY PROPERTY (PRIVATE OR PUBLIC) WHICH ARE DAMAGED DURING CONSTRUCTION MUST BE RESTORED TO ORIGINAL CONDITIONS BY THE CONTRACTOR. THE COST OF THE RESTORATION IS CONSIDERED INCIDENTAL, AND SHOULD BE INCLUDED IN THE BID PRICES.
8. THE CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFYING ALL UTILITY INFORMATION SHOWN ON THE PLANS PRIOR TO THE START OF CONSTRUCTION. THE CONTRACTOR SHALL CALL DIGGER'S HOTLINE TO REQUEST FIELD STAKING OF EXISTING UTILITIES AND NOTIFY THE UTILITIES OF THE PROJECT COMPONENTS.
9. CONTRACTOR SHALL ENSURE ALL MUD AND DEBRIS IS NOT DEPOSITED ONTO THE ADJACENT ROADWAYS PER THE REQUIREMENT OF THE AGENCY HAVING JURISDICTION ON THE ROADWAYS.
10. SUBMITTALS:
 - A. SHOP DRAWINGS AND/OR MANUFACTURER'S PRODUCT DATA SUBMITTALS ARE REQUIRED ONLY IF THE PROJECT OR METHOD OF CONSTRUCTION:
 - a. IS DIFFERENT FROM THAT SPECIFIED OR
 - b. IS PART OF THE WORK THAT WILL BE DEDICATED AS A PUBLIC UTILITY OR ROADWAY AT THE END OF THE PROJECT OR
 - c. IF REQUIRED BY THE MUNICIPAL ENGINEER.
 - B. FOR UTILITY OR ROAD WORK THAT WILL BE DEDICATED TO A MUNICIPALITY, CONTRACTOR MUST MAKE SUBMITTALS TO THE MUNICIPALITY AS WELL AS ENGINEER.

PAVING

1. THE PROPOSED IMPROVEMENTS SHALL BE CONSTRUCTED ACCORDING TO THE WISCONSIN D.O.T. STANDARD SPECIFICATIONS FOR HIGHWAY AND STRUCTURE CONSTRUCTION, LATEST EDITION, AND THE LOCAL ORDINANCES AND SPECIFICATIONS, AND THE GEOTECHNICAL REPORT.
2. PAVING SHALL CONSIST OF FINE GRADING PAVEMENT AREA, INSTALLATION OF CRUSHED STONE BASE, CONCRETE AND/OR BITUMINOUS PAVEMENT, PAVEMENT MARKING, AND CLEANUP. ALL MATERIALS SHALL BE PROVIDED BY THE CONTRACTOR.
3. AGGREGATES USED IN THE HMA SHALL BE IN ACCORDANCE WITH SUBSECTION 460.2.2.3 OF THE STANDARD SPECIFICATIONS.
4. CONCRETE CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE FOLLOWING SECTIONS OF THE STANDARD SPECIFICATIONS: SECTION 415 FOR CONCRETE PAVEMENT AND SECTION 602 FOR CONCRETE SIDEWALKS.
5. PAVEMENT MARKINGS SHALL BE PAINT IN ACCORDANCE WITH SECTION 646 OF THE STANDARD SPECIFICATIONS. THE FOLLOWING ITEMS SHALL BE PAINTED WITH COLORS NOTED BELOW:

PARKING STALLS: WHITE
PEDESTRIAN CROSSWALKS: WHITE
ADA SYMBOLS: BLUE OR PER LOCAL CODE
EXTERIOR SIDEWALK CURBED, LIGHTPOLE BASES, AND GUARD POSTS:
YELLOW



Endpoint Solutions

6871 S. LOVERS LANE
FRANKLIN, WI 53132
PHONE: (414) 427-1200

BLUE BAY RESTAURANT REDEVELOPMENT

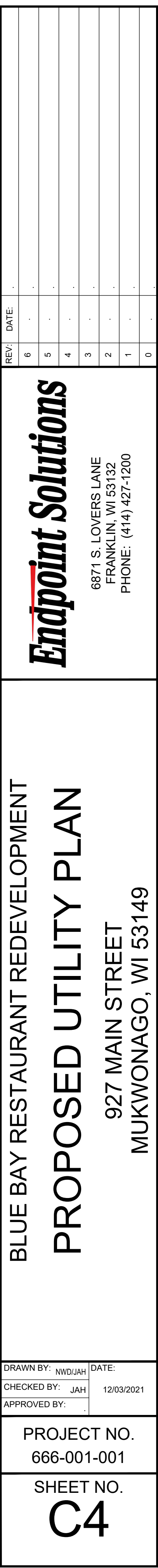
PROPOSED SITE PLAN

927 MAIN STREET
MUKWONAGO, WI 53149

DRAWN BY: NWD/JAH	DATE:
CHECKED BY: JAH	12/03/2021
APPROVED BY:	

PROJECT NO.
666-001-001

SHEET NO.
C2





Village of Mukwonago GIS
Aerial Photo North Parcel

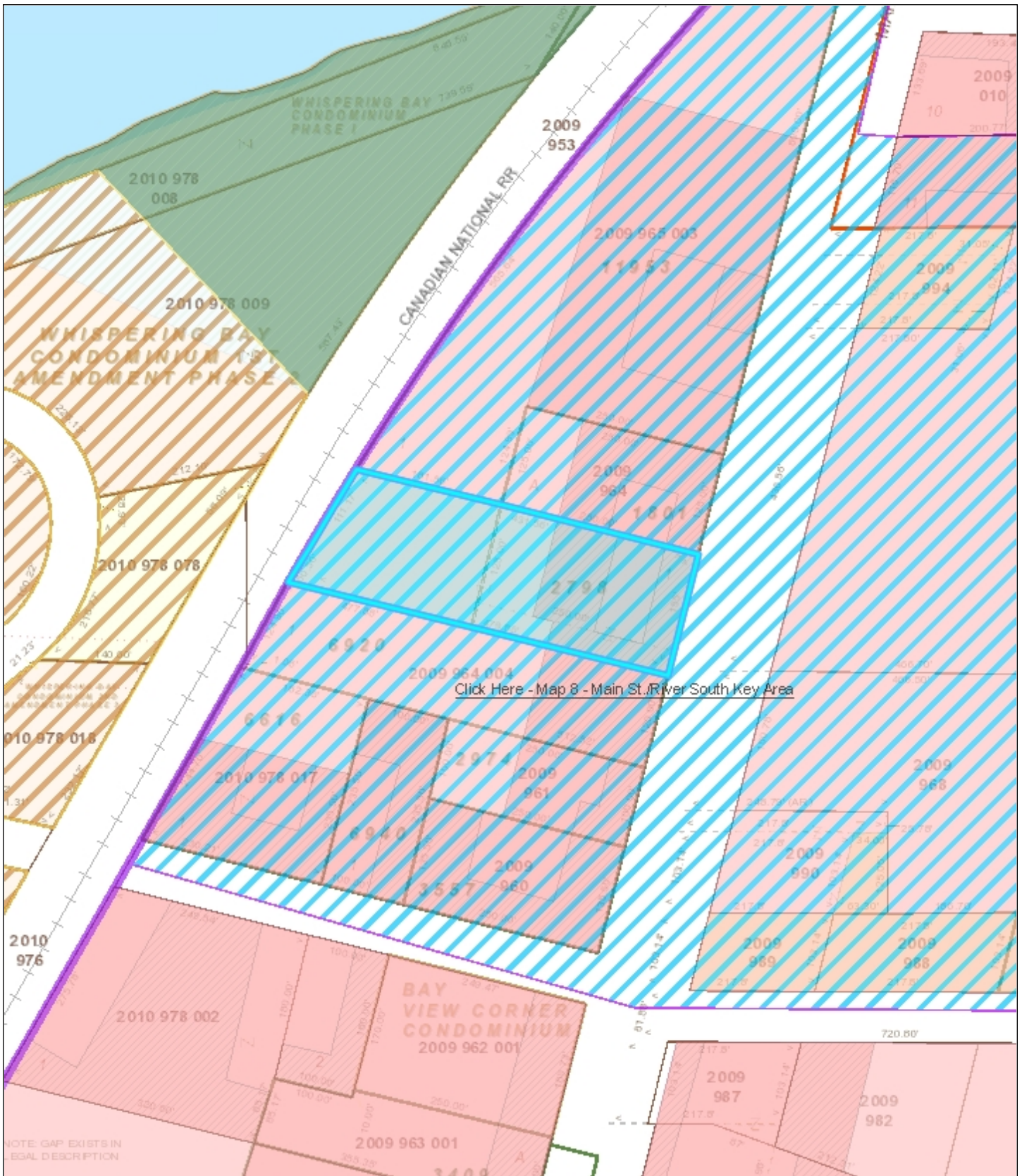
DISCLAIMER: The Village of Mukwonago does not guarantee the accuracy of the material contained here in and is not responsible for any misuse or misrepresentation of this information or its derivatives.



SCALE: 1" = 200'

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

Print Date: 1/5/2022



Village of Mukwonago GIS Land Use Plan North Parcel

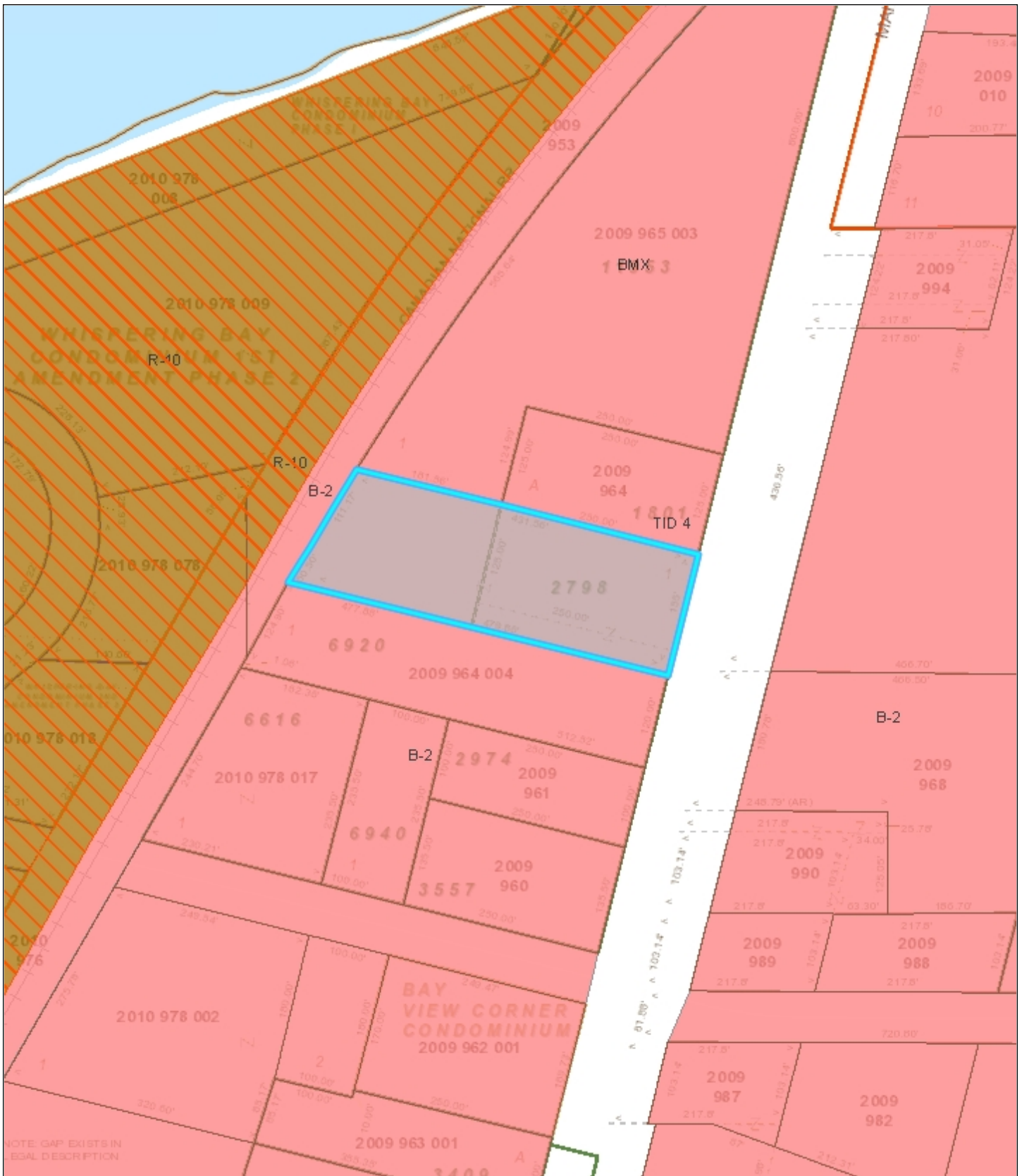
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SCALE: 1" = 167'

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

Print Date: 1/5/2022



Village of Mukwonago GIS Zoning North Parcel

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PO Box 206
Mukwonago, WI 53149
262-363-6420

Print Date: 1/5/2022



Village of Mukwonago GIS
Aerial South Parcel

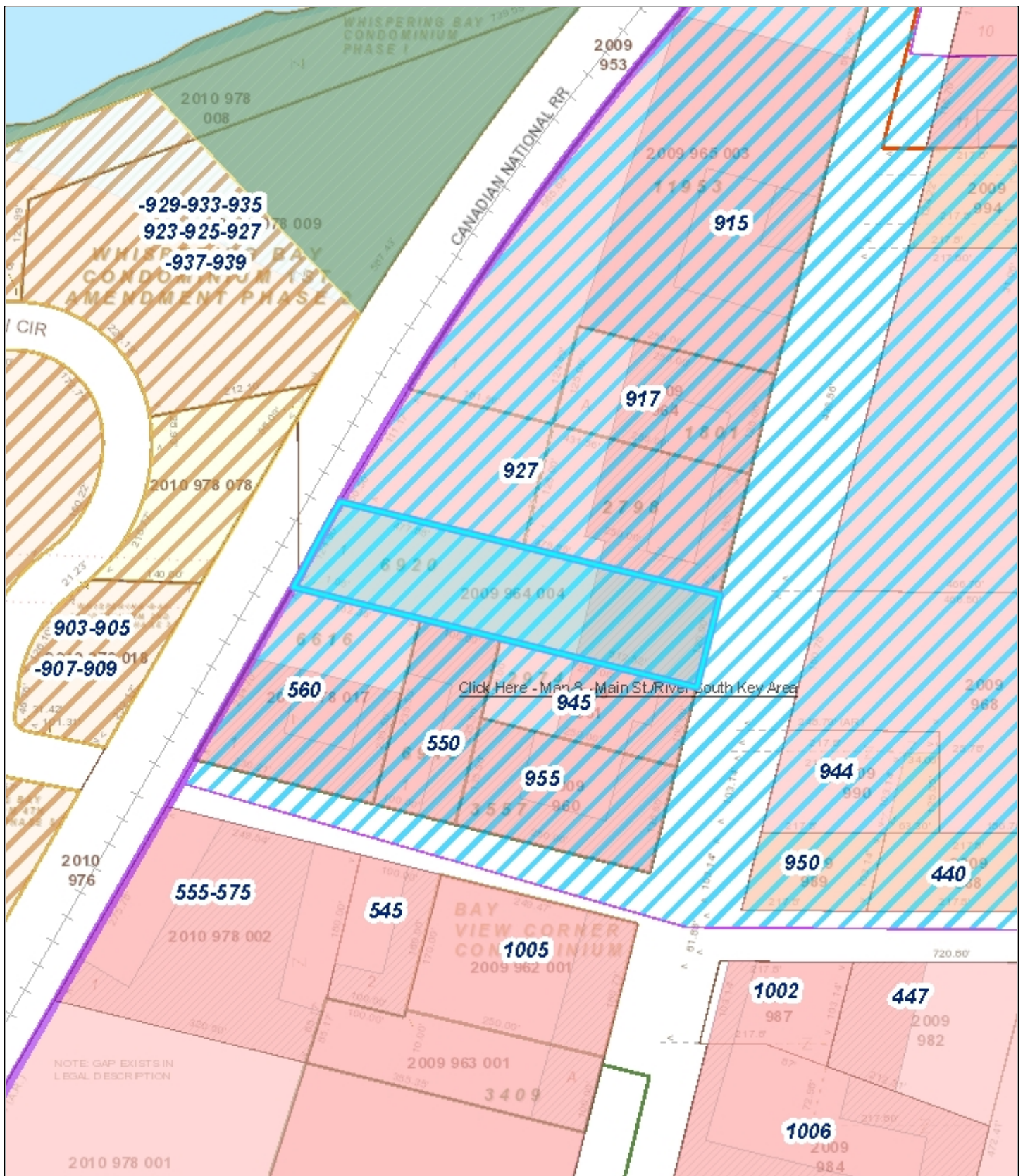
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VILLAGE OF MUKWONAGO
440 River Crest Court
PO Box 206
Mukwonago, WI 53149
262-363-6420

Print Date: 1/5/2022



Village of Mukwonago GIS Land Use South Parcel

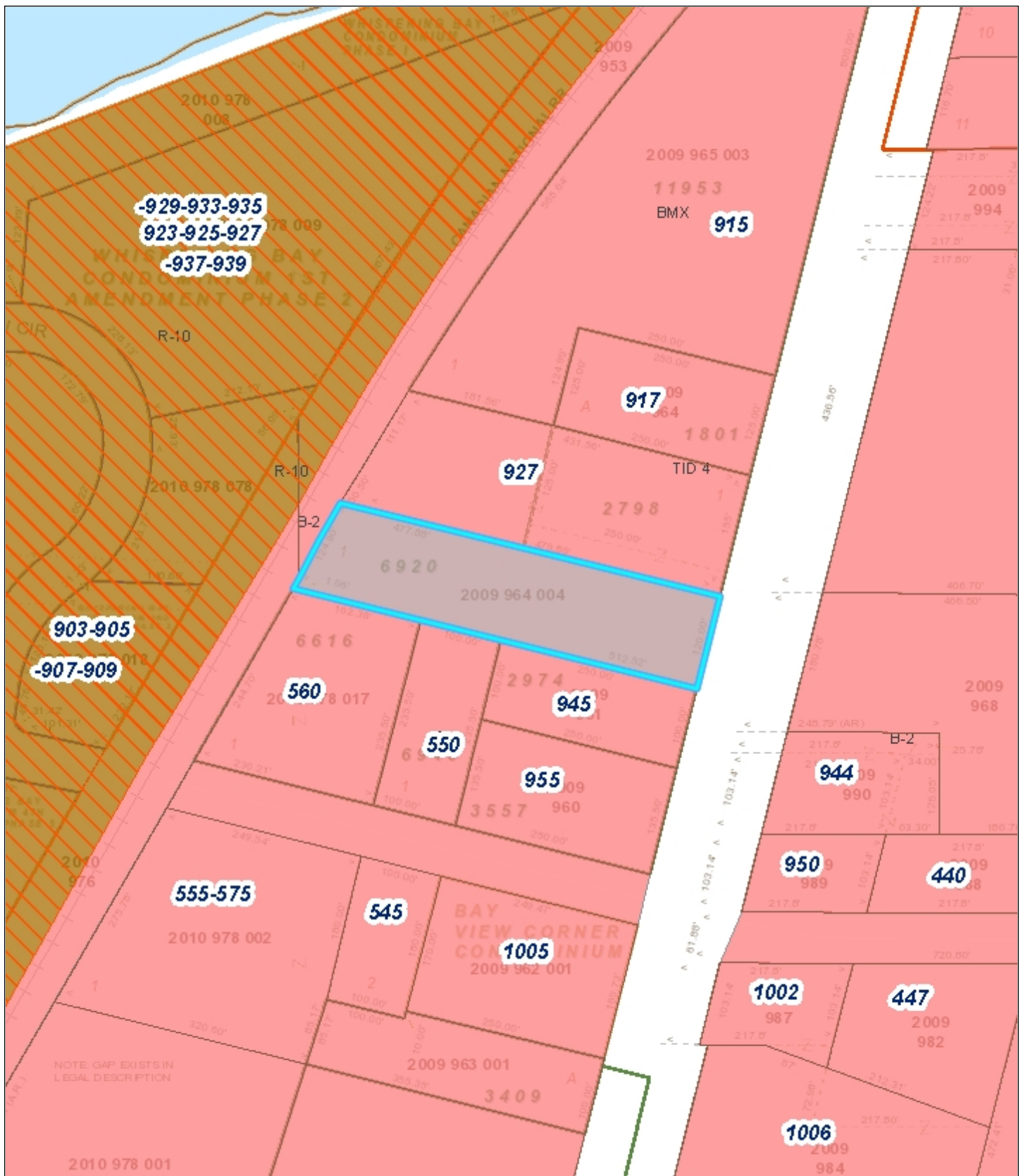
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SCALE: 1" = 167'

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

Print Date: 1/5/2022



Village of Mukwonago GIS Zoning South Parcel

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SCALE: 1" = 167'

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

Print Date: 1/5/2022

December 7, 2021

Mr. John Fellows, Assoc. AIA, CPM, AICP
Community Planner
Village of Mukwonago
440 River Crest Court
Mukwonago, WI 53149

Re: Blue Bay Mixed Use Development
Preliminary Storm Water Review

Dear Mr. Fellows:

We have reviewed the plan commission submittal for the Blue Bay Mixed Use Development. The submittal contained civil site plans and a storm water management plan, both dated December 3, 2021. This review is required by the Village Storm Water Ordinance to determine if early site planning has accounted for the requirements of the Ordinance. The intent is to avoid large changes to developments after the Planning Commission and Village Board have approved the concept and site plan.

We believe the plans, as submitted, can meet the requirements of the Village Ordinance and as such this letter will serve as the preliminary storm water review letter as detailed in 34-107(b) of the Village Ordinance. A full detailed technical review of the construction plans will be performed, prior to recommendation for approval for construction.

If the Planning Commission and the Village Board would choose to approve these documents, we would request that you make approvals subject to our detailed technical review of the construction drawings for the requirements of the Department Heads and Village Ordinances. We also request that the permits to allow construction be withheld until this technical review is complete.

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

PWG:pwg

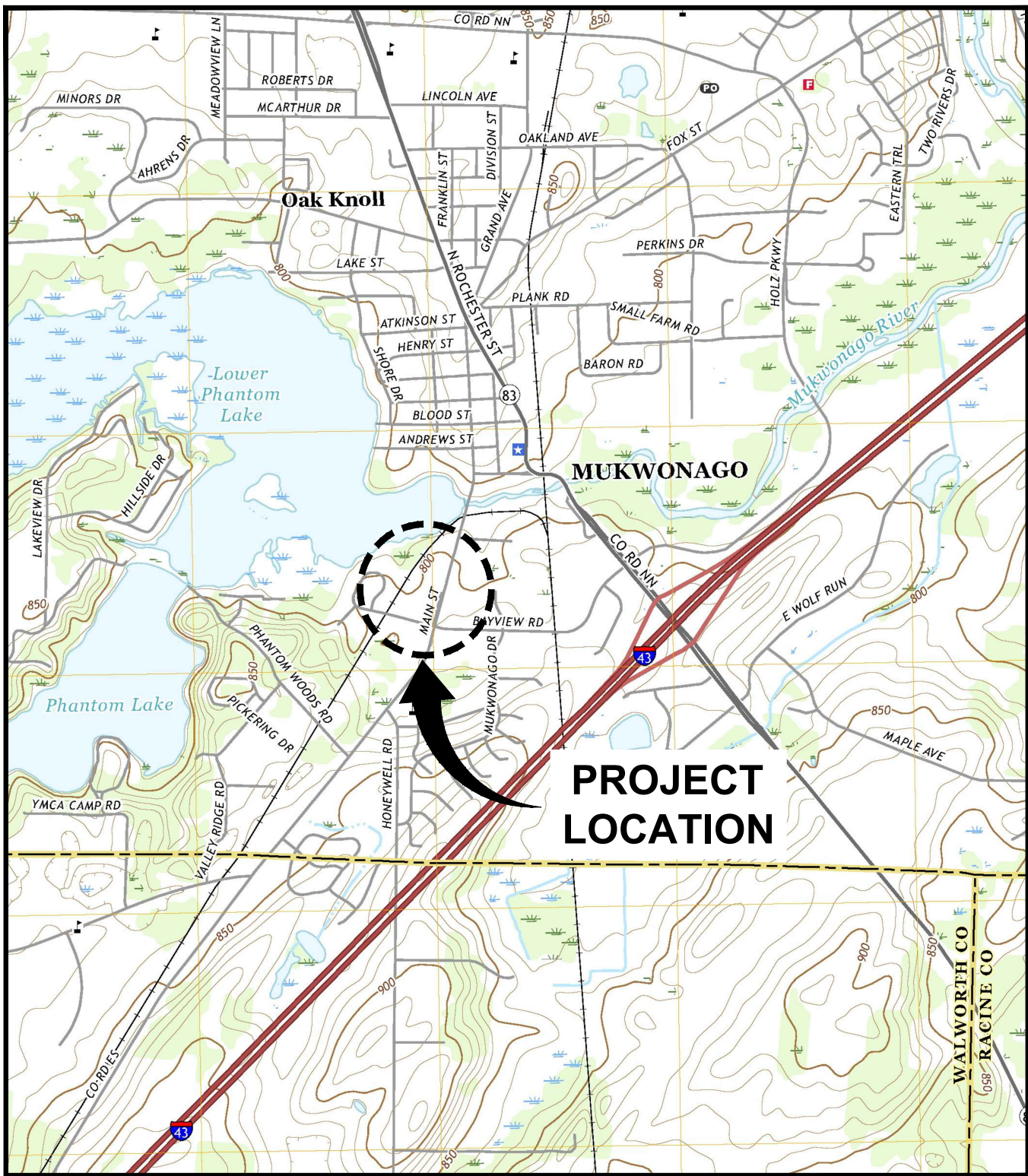
cc: Tim Rutenbeck, Village of Mukwonago
Dave Brown, Village of Mukwonago
Wayne Castle, Village of Mukwonago
Ron Bittner, Village of Mukwonago
Daniel Streit, Village of Mukwonago
Jeff Stien, Village of Mukwonago
Jerad J. Wegner, P.E., Ruekert & Mielke, Inc.

BLUE BAY RESTAURANT REDEVELOPMENT

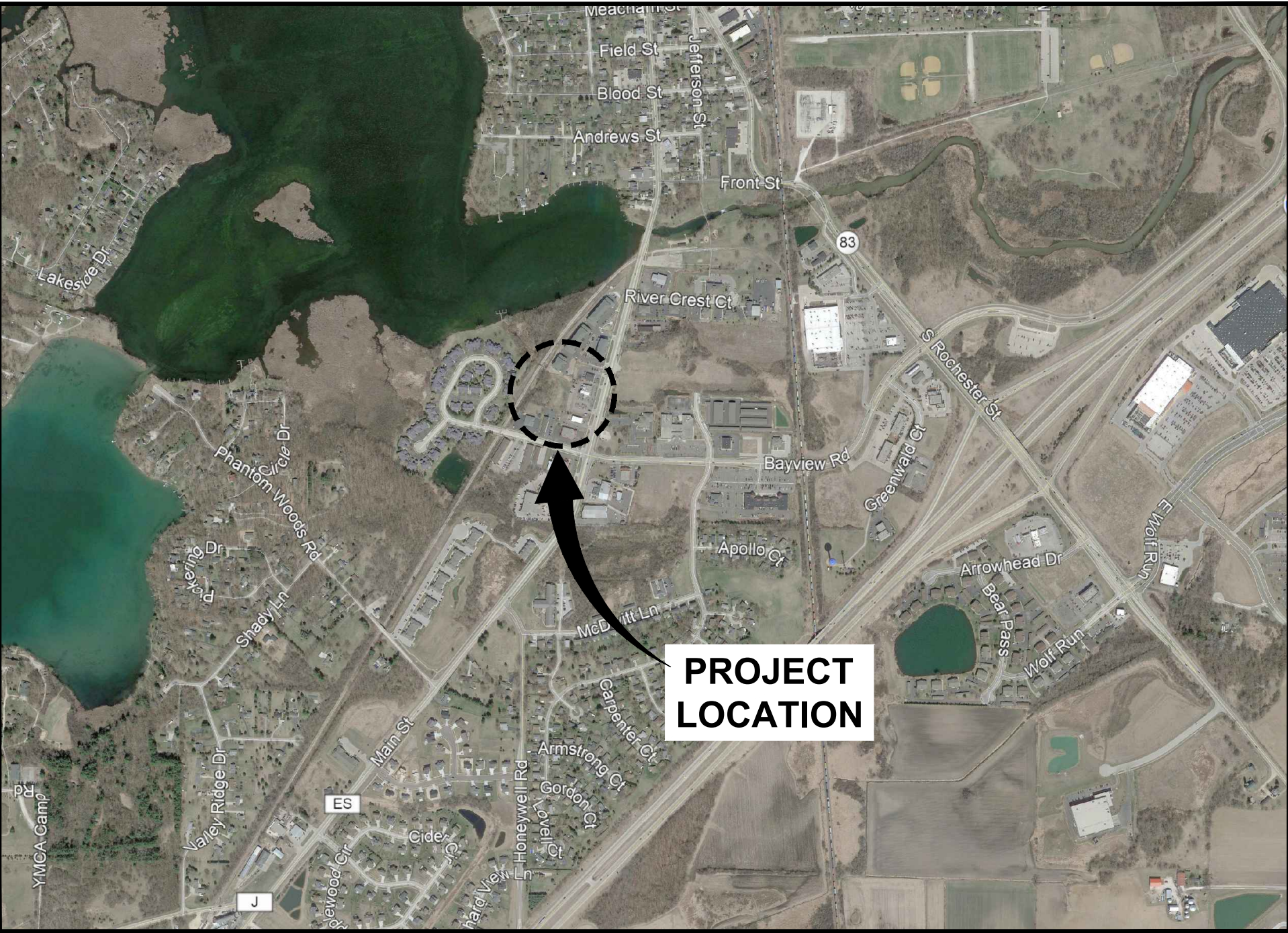
BLUE BAY RESTAURANT MUKWONAGO, WISCONSIN

CALL OR CLICK 3 WORKING DAYS BEFORE YOU DIG

Help Us...
Help You...
Protect
Your Facilities!



LOCATION MAP



PROJECT
LOCATION



DATE ISSUED
DECEMBER 3, 2021

927 MAIN STREET
MUKWONAGO, WISCONSIN 53149

Endpoint Solutions

CONTACTS

SITE ADDRESS/OWNER:
BLUE BAY RESTAURANT
927 MAIN STREET
MUKWONAGO, WISCONSIN 53149
CONTACT: VICTOR ISLAMI
PHONE: (262) 378-8888
EMAIL: VLAZNIMISLAMI@YAHOO.COM

ENGINEER/AGENT:
ENDPOINT SOLUTIONS CORP.
6871 S. LOVERS LANE
FRANKLIN, WI 53132
CONTACT: JASON HEINONEN, P.E.
PHONE: 414-858-1920
EMAIL: JASON@ENDPOINTCORPORATION.COM

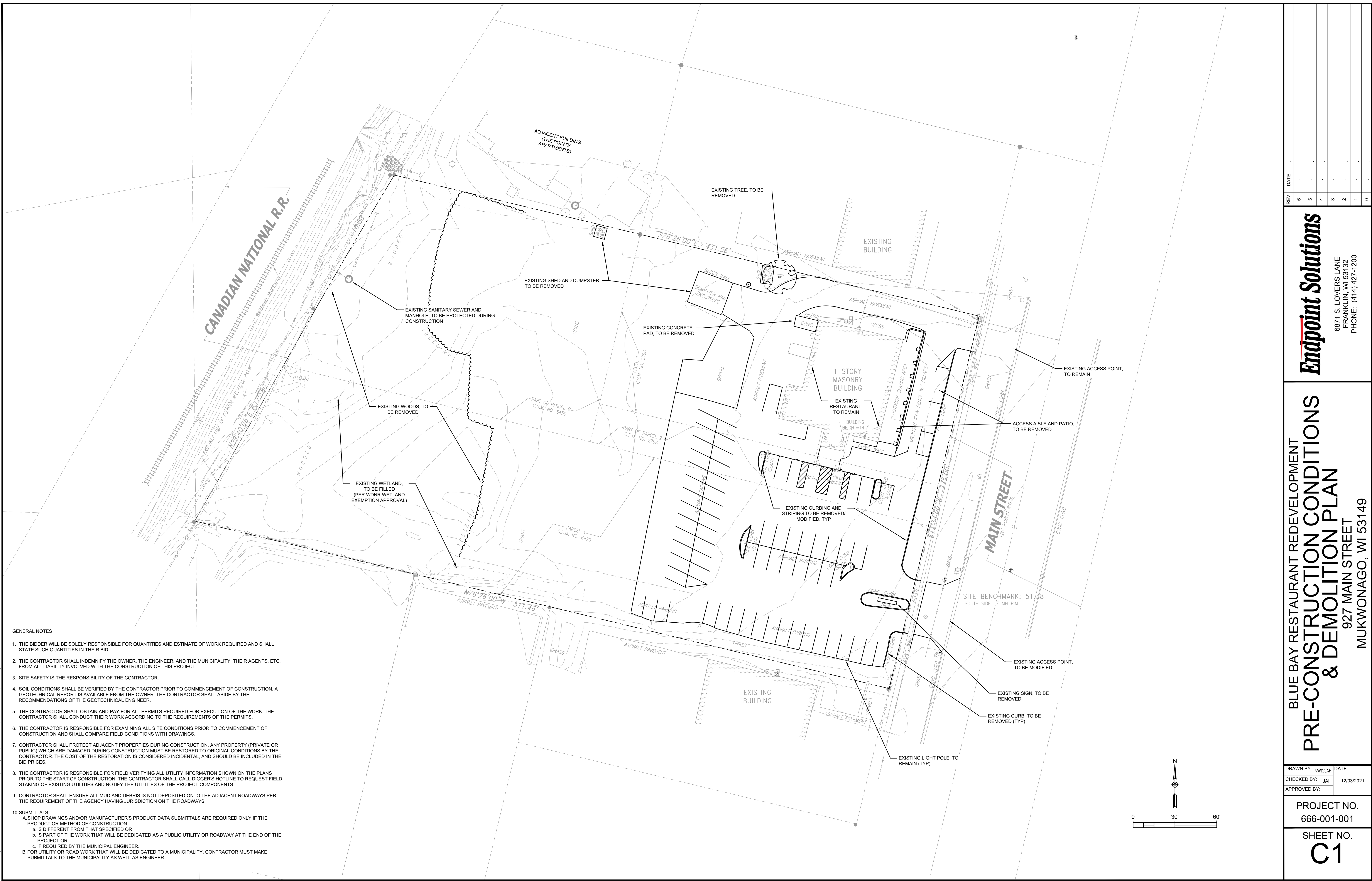
DRAWING SHEET INDEX

- | | |
|-------|---|
| CS | COVER SHEET |
| C1 | PRE-CONSTRUCTION CONDITIONS & DEMOLITION PLAN |
| C2 | PROPOSED SITE PLAN |
| C3 | PROPOSED GRADING AND EROSION CONTROL PLAN |
| C4 | PROPOSED UTILITY PLAN |
| C5-C6 | DETAIL SHEETS |

REVISION LOG

REVISION	ISSUE DATE	REVISED SHEETS	ISSUED FOR

Dec 03, 2021 2:30pm PLOTTED BY: jheinonen SAVED BY: jheinonen
P:\Vector\ismi - 666\001 - Blue Bay Restaurant\CAD\001-001\SHD CI_666-001-001-Pre-Construction Conditions and Demolition Plot.dwg Layout1
IMAGES: T:\Template Forms\CADD\Logos\Endpoint Solutions HI-Res.jpg: .\Blue bay restaurant - mukwonago - copy from campbell folder\2019-07-13 info from client\20190626-awtopo-dmb - standard\research_docs\vinmap.png;
XREFS: .\Endpoint Border Blue Bay.dwg; .\Base Map from Chopt.dwg



GENERAL NOTES

1. THE BIDDER WILL BE SOLELY RESPONSIBLE FOR QUANTITIES AND ESTIMATE OF WORK REQUIRED AND SHALL STATE SUCH QUANTITIES IN THEIR BID.
2. THE CONTRACTOR SHALL INDEMNIFY THE OWNER, THE ENGINEER, AND THE MUNICIPALITY, THEIR AGENTS, ETC, FROM ALL LIABILITY INVOLVED WITH THE CONSTRUCTION OF THIS PROJECT.
3. SITE SAFETY IS THE RESPONSIBILITY OF THE CONTRACTOR.
4. SOIL CONDITIONS SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO COMMENCEMENT OF CONSTRUCTION. A GEOTECHNICAL REPORT IS AVAILABLE FROM THE OWNER. THE CONTRACTOR SHALL ABIDE BY THE RECOMMENDATIONS OF THE GEOTECHNICAL ENGINEER.
5. THE CONTRACTOR SHALL OBTAIN AND PAY FOR ALL PERMITS REQUIRED FOR EXECUTION OF THE WORK. THE CONTRACTOR SHALL CONDUCT THEIR WORK ACCORDING TO THE REQUIREMENTS OF THE PERMITS.
6. THE CONTRACTOR IS RESPONSIBLE FOR EXAMINING ALL SITE CONDITIONS PRIOR TO COMMENCEMENT OF CONSTRUCTION AND SHALL COMPARE FIELD CONDITIONS WITH DRAWINGS.
7. CONTRACTOR SHALL PROTECT ADJACENT PROPERTIES DURING CONSTRUCTION. ANY PROPERTY (PRIVATE OR PUBLIC) WHICH ARE DAMAGED DURING CONSTRUCTION MUST BE RESTORED TO ORIGINAL CONDITIONS BY THE CONTRACTOR. THE COST OF THE RESTORATION IS CONSIDERED INCIDENTAL, AND SHOULD BE INCLUDED IN THE BID PRICES.
8. THE CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFYING ALL UTILITY INFORMATION SHOWN ON THE PLANS PRIOR TO THE START OF CONSTRUCTION. THE CONTRACTOR SHALL CALL DIGGER'S HOTLINE TO REQUEST FIELD STAKING OF EXISTING UTILITIES AND NOTIFY THE UTILITIES OF THE PROJECT COMPONENTS.
9. CONTRACTOR SHALL ENSURE ALL MUD AND DEBRIS IS NOT DEPOSITED ONTO THE ADJACENT ROADWAYS PER THE REQUIREMENT OF THE AGENCY HAVING JURISDICTION ON THE ROADWAYS.
10. SUBMITTALS:
A. SHOP DRAWINGS AND/OR MANUFACTURER'S PRODUCT DATA SUBMITTALS ARE REQUIRED ONLY IF THE PRODUCT OR METHOD OF CONSTRUCTION:
a. IS DIFFERENT FROM THAT SPECIFIED OR
b. IS PART OF THE WORK THAT WILL BE DEDICATED AS A PUBLIC UTILITY OR ROADWAY AT THE END OF THE PROJECT OR
c. IF REQUIRED BY THE MUNICIPAL ENGINEER.
B. FOR UTILITY OR ROAD WORK THAT WILL BE DEDICATED TO A MUNICIPALITY, CONTRACTOR MUST MAKE SUBMITTALS TO THE MUNICIPALITY AS WELL AS ENGINEER.

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Endpoint Solutions

6871 S. LOVERS LANE
FRANKLIN, WI 53132
PHONE: (414) 427-1200

BLUE BAY RESTAURANT REDEVELOPMENT
**PRE-CONSTRUCTION CONDITIONS
& DEMOLITION PLAN**

927 MAIN STREET
MUKWONAGO, WI 53149

DRAWN BY: NWD/JAH	DATE:
CHECKED BY: JAH	12/03/2021
APPROVED BY:	

PROJECT NO.
666-001-001

SHEET NO.
C1

Dec 03, 2021 2:31pm PLOTTED BY: jhelonen SAVED BY: jhelonen C:\666-001-001-Proposed Grading Plan.dwg Layout1
P:\Victor Islami - 666\001 - Blue Bay Restaurant\CAD\001-001\SHF
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XREFS: P:\Victor Islami - 666\001 - Blue Bay Restaurant\CAD\001-001\Base Map from Chaput.dwg; P:\Victor Islami - 666\001 - Blue Bay Restaurant\CAD\001-001\Blue Bay - Proposed Grading Plan.dwg

- EXISTING MAJOR CONTOUR, (5' INTERVAL)
- EXISTING MINOR CONTOUR, (1' INTERVAL)
- PROPOSED MAJOR CONTOUR, (5' INTERVAL)
- PROPOSED MINOR CONTOUR, (1' INTERVAL)
- PROPOSED SPOT GRADE
- PROPOSED SPOT GRADE, MATCH EXISTING
- PROPOSED SPOT GRADE, BOTTOM OF CURB
- PROPOSED SPOT GRADE, TOP OF CURB
- PROPOSED SPOT GRADE, TOP OF WALL
- PROPOSED SPOT GRADE, BOTTOM OF WALL
- PROPOSED SILT FENCE
- PROPOSED INLET PROTECTION
- IRON PIPE FOUND
- POST
- UTILITY POLE

CANADIAN NATIONAL R.R.

EXISTING WETLAND,
PROTECT DURING
CONSTRUCTION

PROPOSED BIORETENTION (B2)
BASE: 44.50
IE: 42.00
OVERFLOW: 46.50

PROPOSED MULTI-FAMILY
RESIDENTIAL
3-STORY
17,280 SF/FLOOR
FF 50.50

PROPOSED BIORETENTION (B1)
BASE: 47.00
IE: 45.00
OVERFLOW: 48.50

PROPOSED 3-FT.
CURB CUT

PROPOSED 3-FT.
CURB CUT

PROPOSED WISDOT LIGHT
RIPRAP AT ALL CURB CUTS.
MIN. 5' WIDE AND 5' INTO BASE
OF BIORETENTION BASE

PROPOSED TRACKING PAD
(LOCATION TO BE
DETERMINED BASED ON
PROJECT PHASING)

PROPOSED INLET
PROTECTION

MAIN STREET

PROPOSED INLET
PROTECTION

GENERAL GRADING NOTES

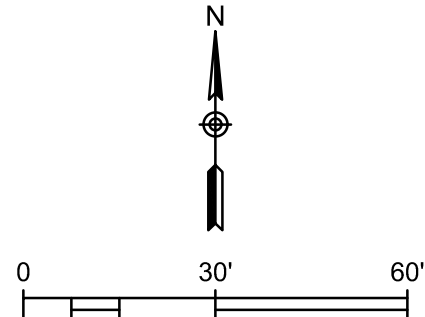
- THE PROPOSED IMPROVEMENTS SHALL BE CONSTRUCTED ACCORDING TO THE D.O.T. STANDARD SPECIFICATIONS, LOCAL ORDINANCES AND SPECIFICATIONS, AND RECOMMENDATIONS IN THE GEOTECHNICAL REPORT.
- THE CONTRACTOR SHALL ASSUME SOLE RESPONSIBILITY FOR THE COMPUTATIONS OF ALL GRADING AND FOR ACTUAL LAND BALANCE, INCLUDING UTILITY TRENCH SPOIL. THE CONTRACTOR SHALL IMPORT OR EXPORT MATERIAL AS NECESSARY TO COMPLETE THE PROJECT.
- GRADING SHALL CONSIST OF CLEARING AND GRUBBING EXISTING VEGETATION, STRIPPING TOPSOIL, REMOVAL OF EXISTING PAVEMENT OR FOUNDATIONS, IMPORTING OR EXPORTING MATERIAL TO ACHIEVE AND ON-SITE EARTHWORK BALANCE, GRADING THE PROPOSED BUILDING PADS AND PAVEMENT AREAS, SCARIFYING AND FINAL COMPACTION OF THE PAVEMENT SUBGRADE, AND PLACEMENT OF TOPSOIL.
- THE CONTRACTOR SHALL MAINTAIN SITE DRAINAGE THROUGHOUT CONSTRUCTION.
- EROSION AND SEDIMENT CONTROL MEASURES ARE REQUIRED AS PART OF THIS PROJECT. CONSTRUCTION ACTIVITIES MUST COMPLY WITH ALL PROVISIONS OF LOCAL, STATE AND FEDERAL REGULATIONS AS WELL AS THE SITE SPECIFIC SWPPP (IF APPLICABLE). ALL LAND DISTURBING ACTIVITIES MAY BE SUBJECT TO INSPECTION BY LOCAL AUTHORITIES AND THE WISCONSIN DEPARTMENT OF NATURAL RESOURCES.
- CONTRACTOR SHALL MINIMIZE CLEARING AND DISTURBANCE TO THE ENVIRONMENT TO THE EXTENT POSSIBLE. CONTRACTOR RESPONSIBLE FOR RESTORATION OF ALL DISTURBED AREAS.
- RUBBISH, TRASH, GARBAGE, LITTER OR OTHER SUCH MATERIALS SHALL BE DISPOSED INTO SEALED CONTAINERS. MATERIALS SHALL BE PREVENTED FROM LEAVING THE SITE THROUGH THE ACTION OF WIND OR STORM WATER DISCHARGE INTO DRAINAGE DITCHES OR WATERS OF THE STATE. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR THE REMOVAL OF CONSTRUCTION WASTE IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL REGULATIONS.
- SILT FENCE AND OTHER EROSION CONTROL FACILITIES MUST BE INSTALLED PRIOR TO CONSTRUCTION OR ANY OTHER LAND DISTURBING ACTIVITY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING ALL EROSION CONTROL FACILITIES ONCE THE SITE HAS STABILIZED.
- NO FILL SHALL BE PLACED ON A WET OR SOFT SUBGRADE. THE SUBGRADE SHALL BE PROOF-ROLLED AND INSPECTED BY THE GEOTECHNICAL ENGINEER BEFORE ANY MATERIAL IS PLACED.
- ALL FILL SHALL BE CONSIDERED STRUCTURAL FILL AND SHALL BE PLACED IN ACCORDANCE WITH THE GEOTECHNICAL REPORT
- BEFORE PROCEEDING WITH ANY UTILITY CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE EACH EXISTING LATERAL OR POINT OF CONNECTION AND VERIFY THE SIZE, LOCATION AND ELEVATION OF ALL UTILITIES.
- TEMPORARY EROSION CONTROL MATTING SHALL BE PLACED ON ALL SLOPES THAT ARE STEEPER THAN 4:1.
- ALL PROPOSED CONTOURS REPRESENT FINAL FINISHED GRADE ELEVATIONS.

EROSION AND SEDIMENT CONTROL

- CONSTRUCT AND MAINTAIN EROSION CONTROL MEASURES IN ACCORDANCE WITH THE WISCONSIN DEPARTMENT OF NATURAL RESOURCES (WDNR) CHAPTERS NR 151 AND NR 216, WISCONSIN ADMINISTRATIVE CODE, AND APPROPRIATE WDNR TECHNICAL STANDARDS. EROSION AND SEDIMENT CONTROL PRODUCTS SHALL BE LISTED IN THE WISCONSIN DEPARTMENT OF TRANSPORTATION PRODUCT ACCEPTABILITY LIST (WisDOT PAL). THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING COPIES OF THESE STATE REQUIREMENTS, TECHNICAL STANDARDS, AND WisDOT PAL.
- IMPLEMENT EROSION AND SEDIMENT CONTROL BEST MANAGEMENT PRACTICES (BMPs) PRIOR TO SOIL DISTURBING ACTIVITIES (E.G., CLEARING, GRUBBING, TOPSOIL STRIPPING, EXCAVATION, MATERIAL STOCKPILING, ETC.). INSTALL EROSION CONTROL MEASURES AROUND STOCKPILE LOCATIONS.
- MINIMIZE DISTURBED AREA BY PHASING OR SEQUENCING CONSTRUCTION AND PRESERVING EXISTING VEGETATION WHERE POSSIBLE.
- DIVERT STORM WATER AWAY FROM DISTURBED OR EXPOSED AREAS WHEN POSSIBLE.
- PROTECT ADJACENT PROPERTIES WITH SEDIMENT BALE BARRIERS OR SILT FENCE UNTIL CONSTRUCTION IS COMPLETE IN ACCORDANCE WITH WDNR TECHNICAL STANDARDS 1055 OR 1056, RESPECTIVELY.
- INSTALL A GRAVEL TRACKING PAD AT EACH NONPAVED CONSTRUCTION AREA ENTRANCE IN ACCORDANCE WITH WDNR TECHNICAL STANDARD 1057. PAVED SURFACES ADJACENT TO CONSTRUCTION SITE VEHICLE ACCESS SHALL BE SWEEP AND/OR SCRAPPED PERIODICALLY TO REMOVE SOIL, DIRT, AND/OR DUST.

CONSTRUCTION SEQUENCE

- INSTALL SILT FENCE AND INLET PROTECTION AS SHOWN ON PLAN. MAINTAIN AS NECESSARY DURING CONSTRUCTION. INSPECT FOLLOWING RAIN EVENTS.
- INSTALL TRACKING PAD.
- CLEAR AND GRUB SITE AND STRIP TOPSOIL. TEMPORARILY STOCKPILE TOPSOIL ON SITE (EXCESS TO BE REMOVED FROM SITE ACCORDING TO GENERAL CONTRACTORS CONSTRUCTION PHASING PLAN).
- GRADE SITE.
- STABILIZE DISTURBED GROUND WITH TEMPORARY SEED, FERTILIZER, AND MULCH.
- CONTRACTOR SHALL REMOVE ALL TEMPORARY EROSION CONTROL BMPs WHEN DISTURBED AREAS ARE PERMANENTLY STABILIZED AND NO LONGER SUSCEPTIBLE TO EROSION.
- FOLLOWING STABILIZATION, VERIFY POND DEPTH AND REMOVE SEDIMENT IF NECESSARY TO MEET DESIGN GRADES.



BLUE BAY RESTAURANT REDEVELOPMENT
PROPOSED GRADING AND
EROSION CONTROL PLAN

927 MAIN STREET
MUKWONAGO, WI 53149

DRAWN BY: NWD/JAH DATE:
CHECKED BY: JAH 12/03/2021
APPROVED BY:

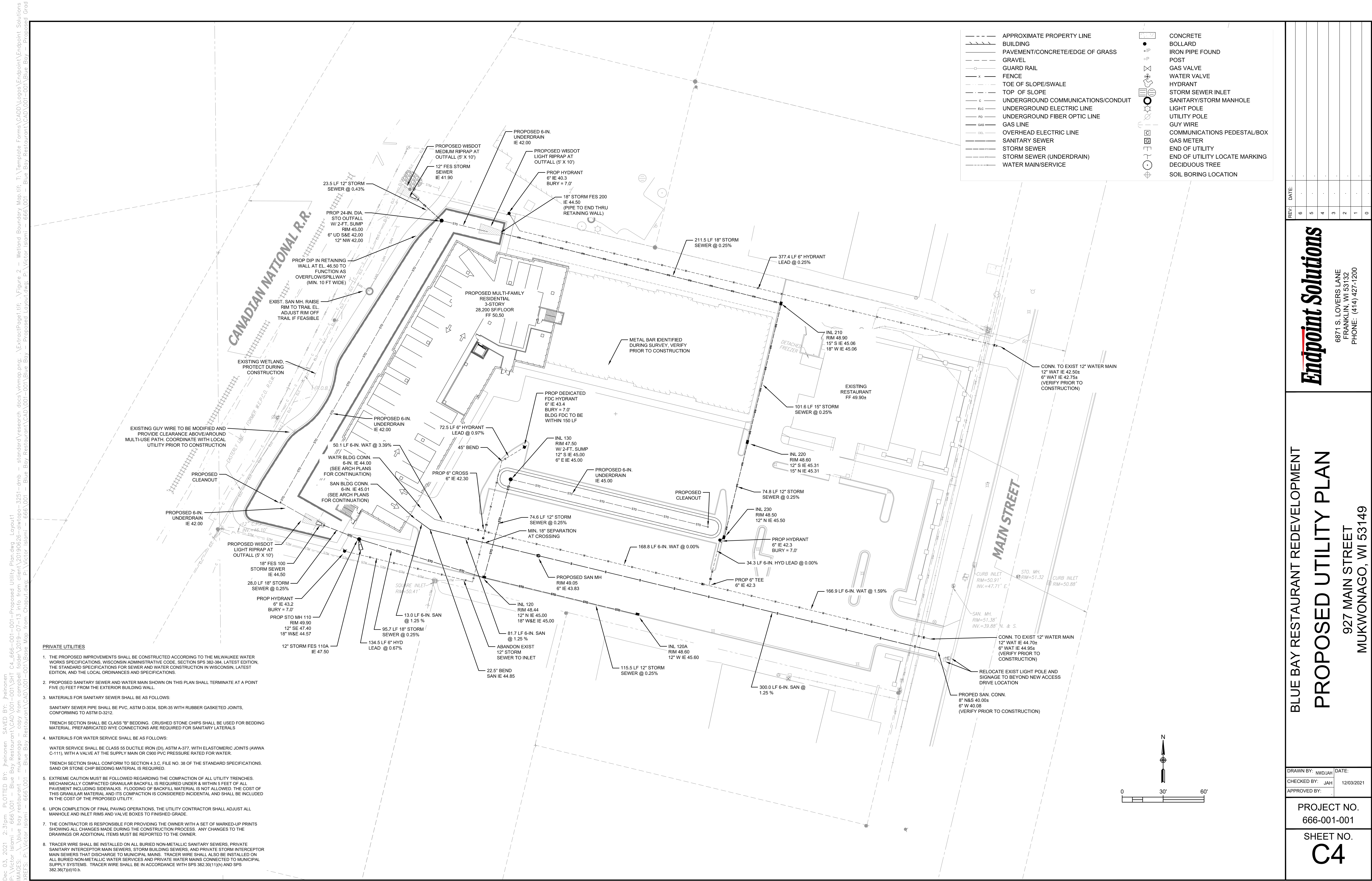
PROJECT NO.
666-001-001

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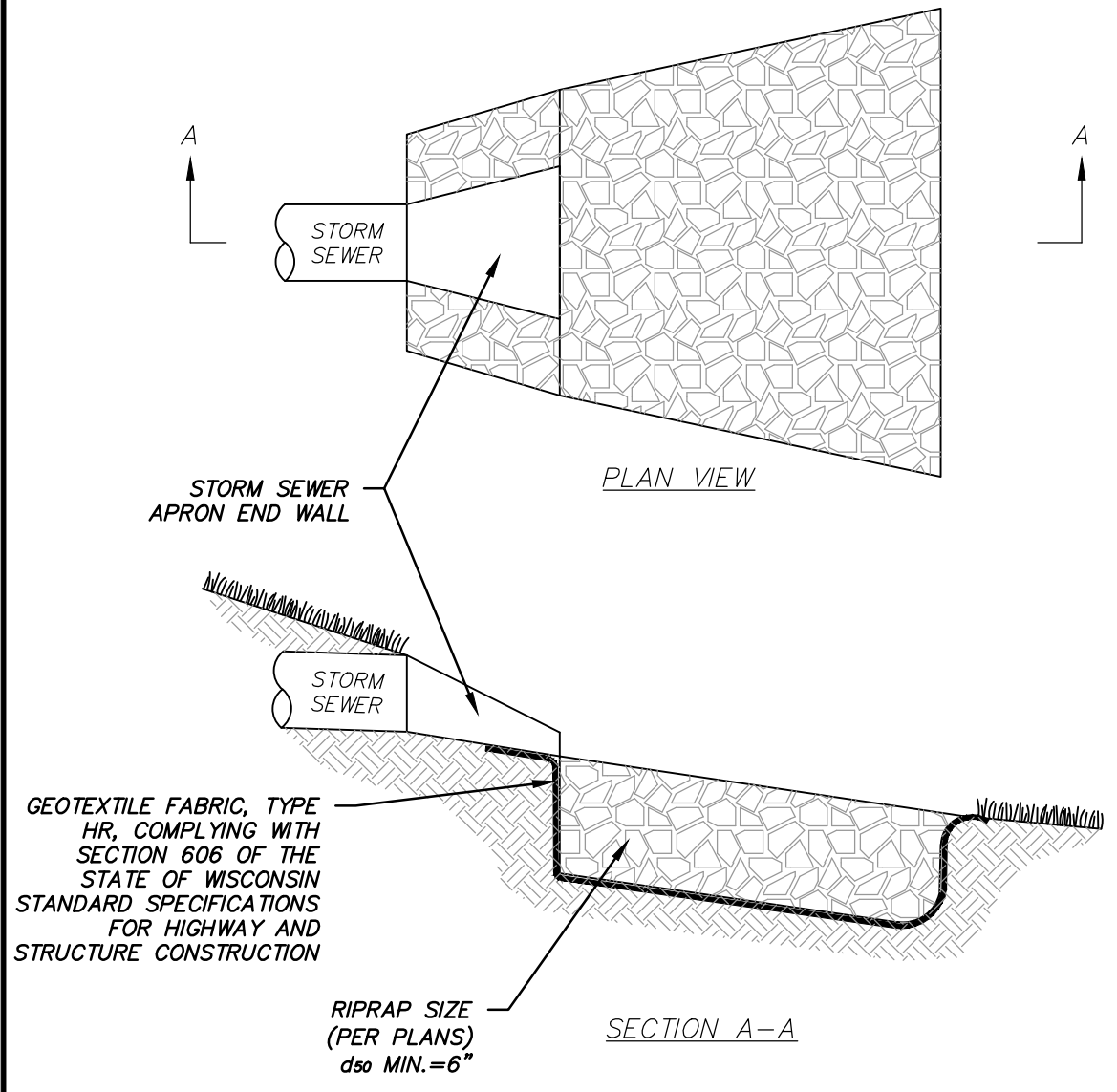
Endpoint Solutions

6871 S. LOVERS LANE
FRANKLIN, WI 53132
PHONE: (414) 427-1200

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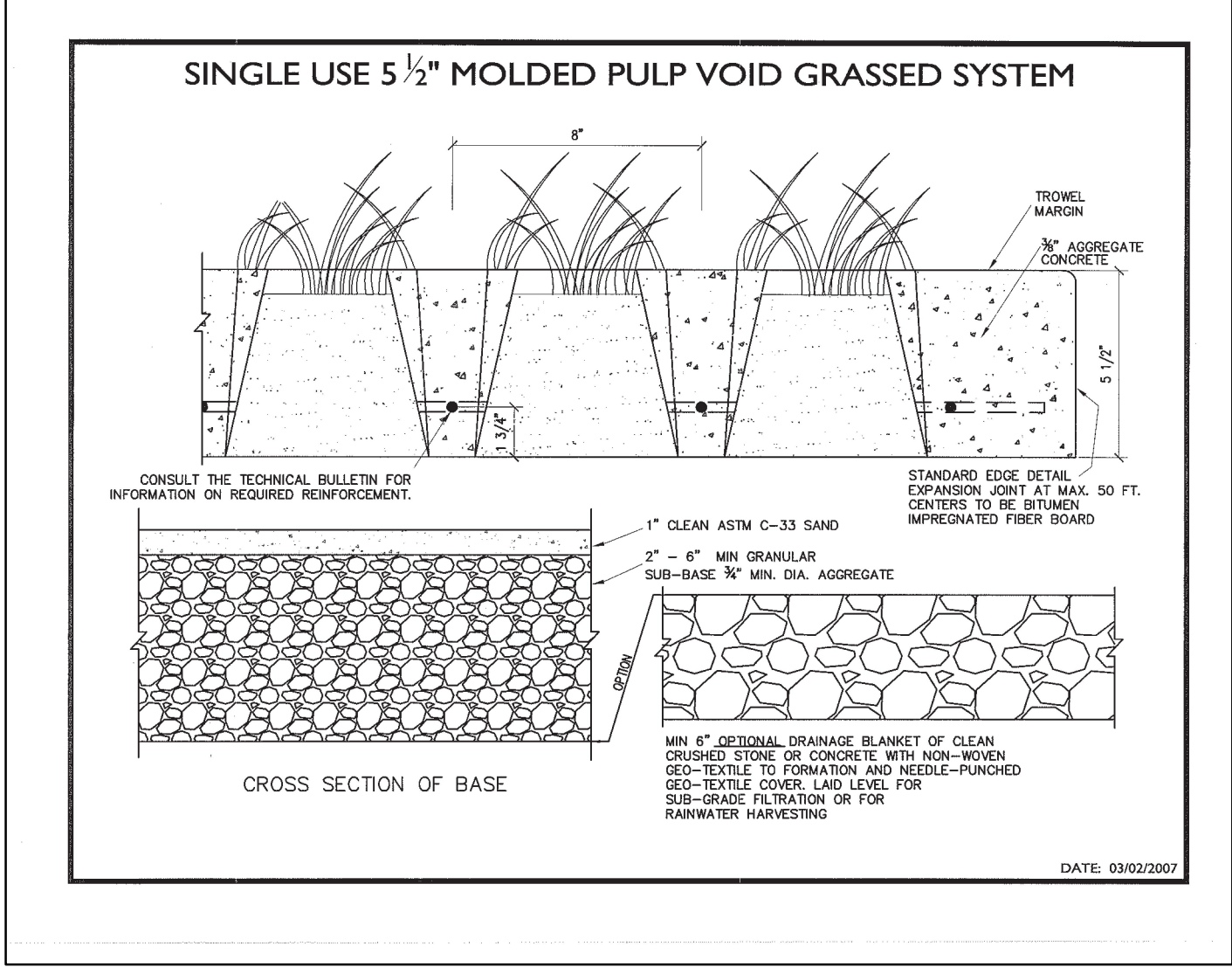
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XREFS: P:\Victor Islami - 666\001 - Blue Bay Restaurant\CAD\001-001-Endpoint Border Blue Boy.dwg



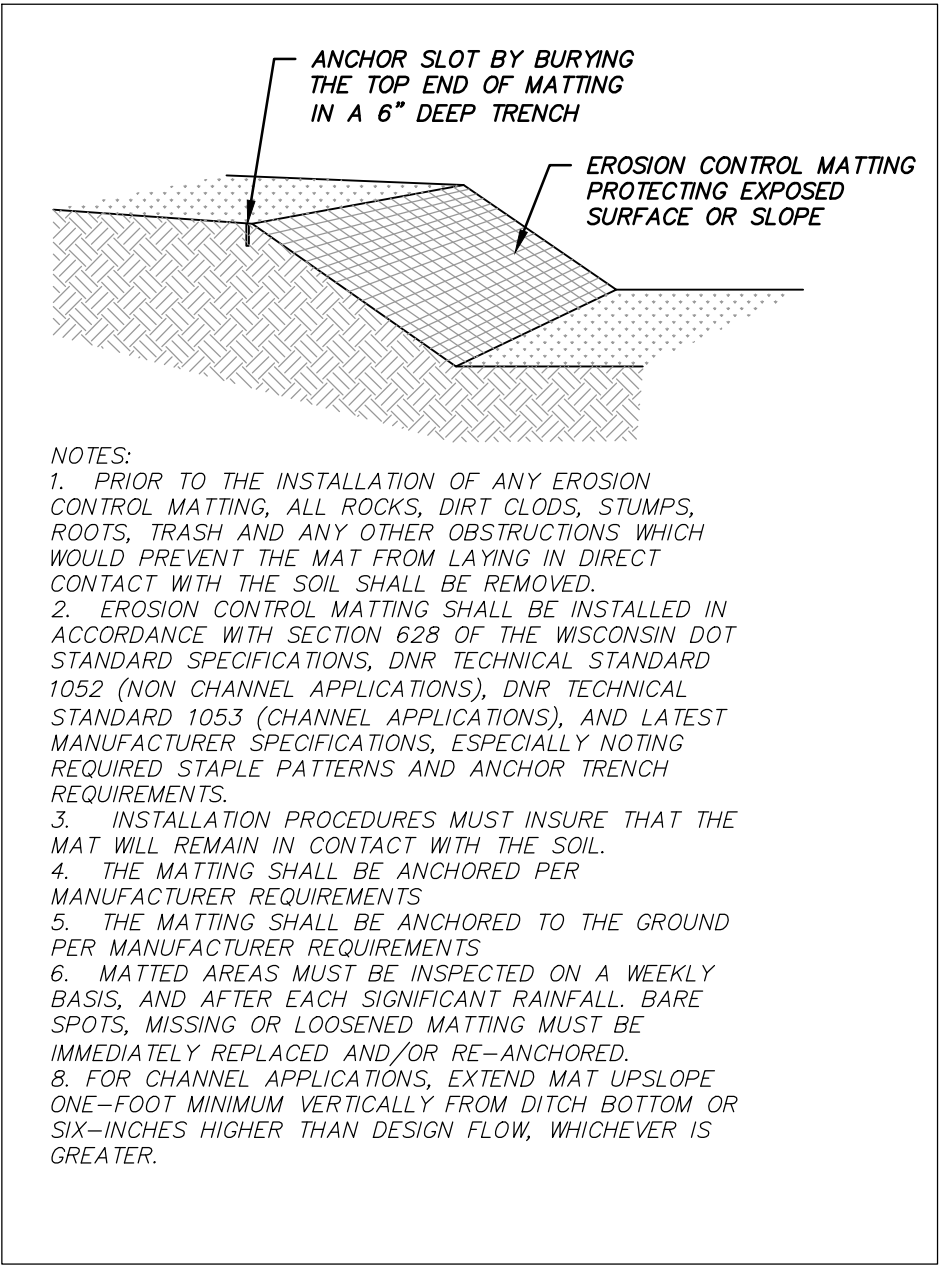
RIPRAP SHALL COMPLY WITH THE SECTION 606 OF THE STATE OF WISCONSIN STANDARD FOR HIGHWAY AND STRUCTURE CONSTRUCTION.

PLAN VIEW CONTOURS AND GRADES REPRESENT PROPOSED TOP OF RIPRAP ELEVATIONS.

RIPRAP DETAIL

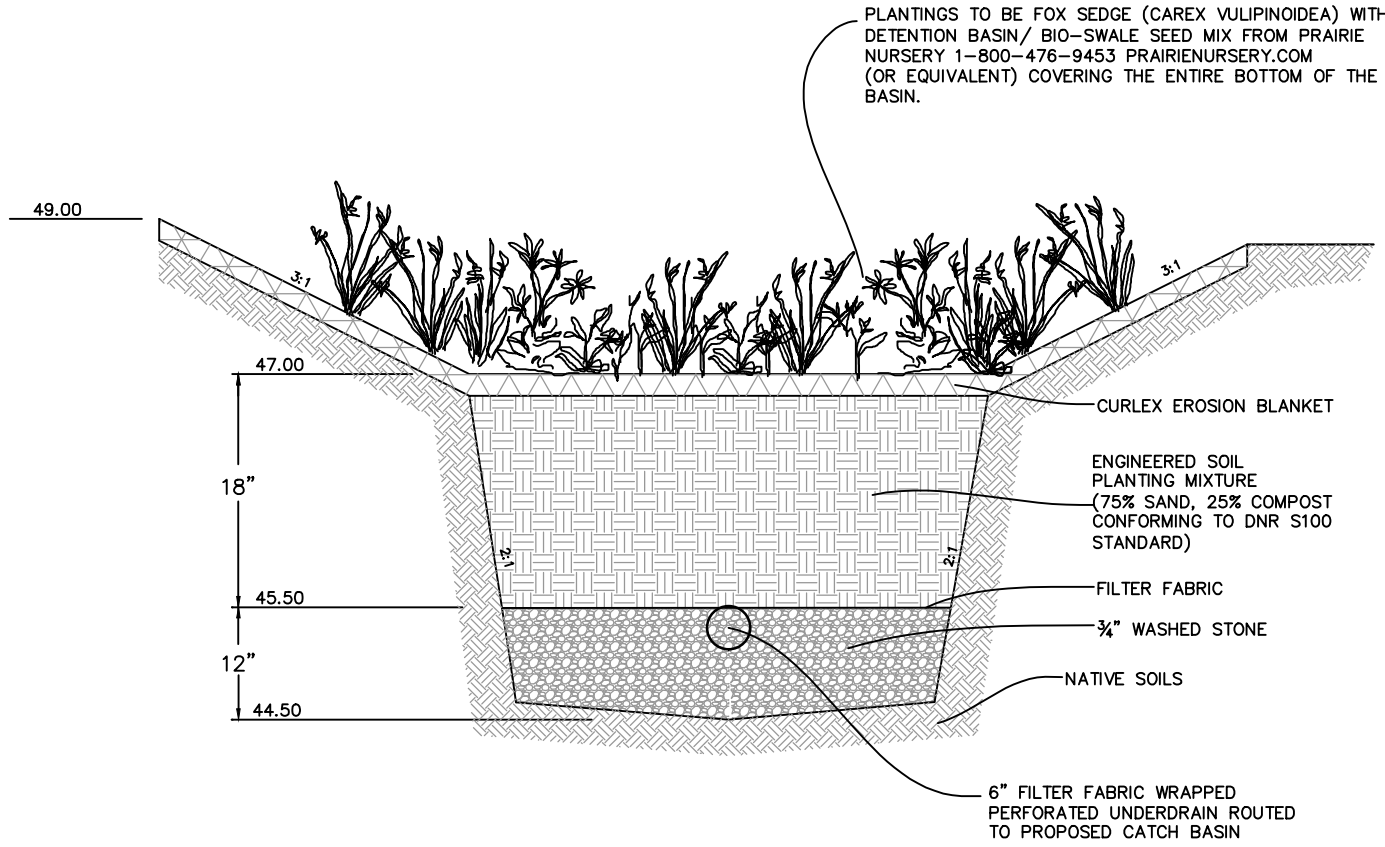


GRASSCRETE DETAIL



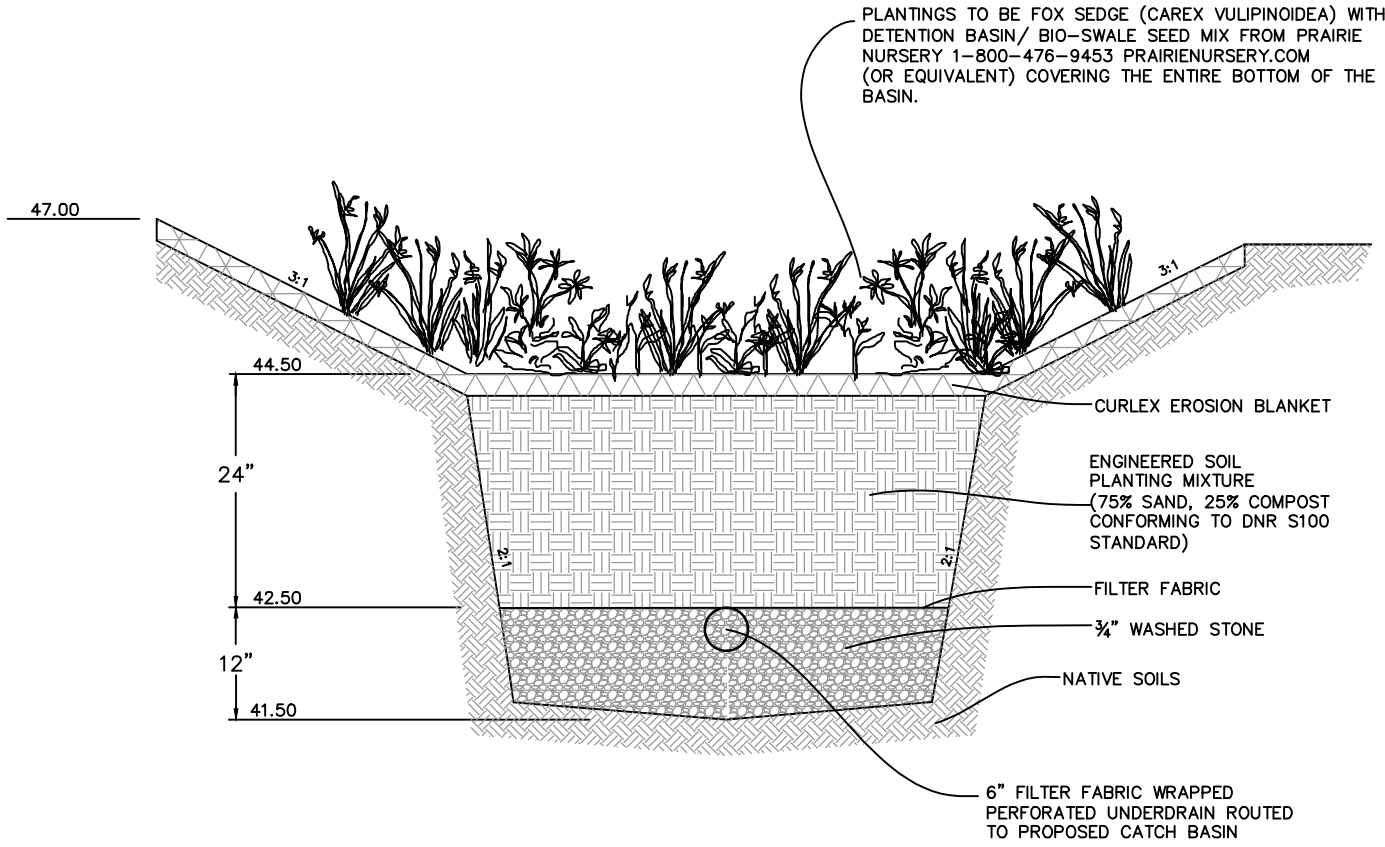
EROSION CONTROL MATTING DETAIL

NOTES:
1. PROVIDE EROSION CONTROL MATTING ON ALL SLOPES 4:1 AND GREATER.



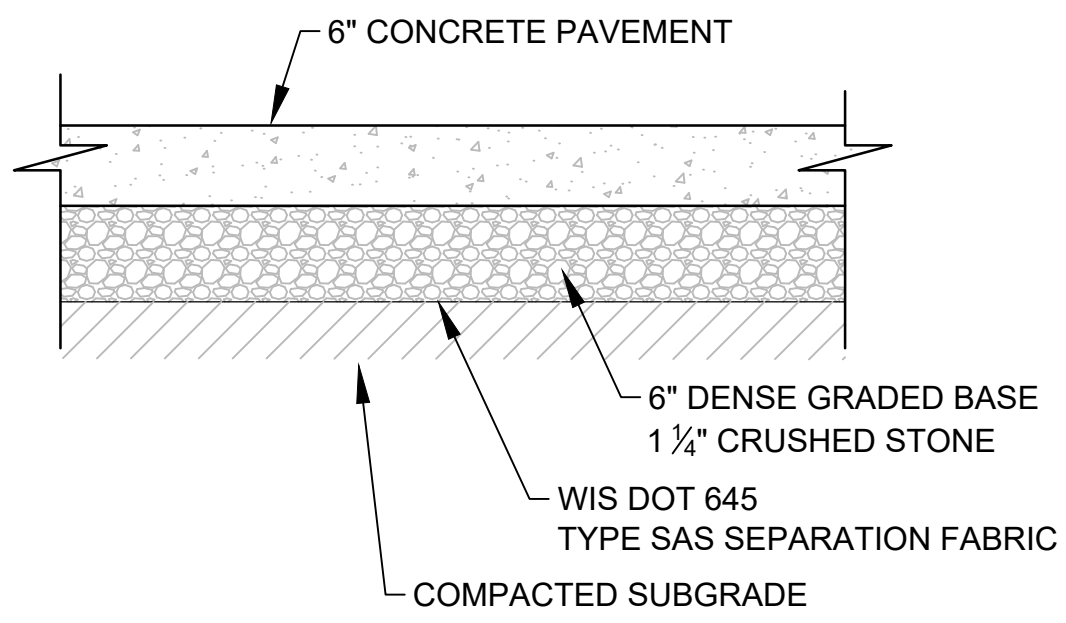
BIORETENTION B-1 DETAIL

NOTES:
1. CONSTRUCT IN ACCORDANCE WITH MNR TECHNICAL STANDARDS.
2. IF USING SUPPLIER PROVIDED SOIL MIX, PRIOR TO CONSTRUCTION CONTRACTOR SHALL SUBMIT TO ENGINEER SUPPLIER CERTIFICATION THAT THE SOIL MIXTURE & COMPOST USED IN BIORETENTION BASIN MEET S100 AND 1004 REQUIREMENTS.
3. IF MIXING SOIL USING ON-SITE SAND, COORDINATE WITH OWNER'S GEOTECHNICAL ENGINEER TO IDENTIFY WHAT ON-SITE SAND TO USE. DOCUMENT WHAT ON-SITE SAND WAS USED. SUBMIT PROPOSED SOIL MIXING METHOD THAT WILL ENSURE PROPER MIXING. SUBMIT SAMPLE OF MIXED MATERIAL TO GEOTECHNICAL ENGINEER.
4. IF MIXING SOIL USING ON-SITE SAND, PRIOR TO CONSTRUCTION CONTRACTOR SHALL SUBMIT TO ENGINEER SUPPLIER CERTIFICATION THAT THE COMPOST USED IN BIORETENTION BASIN MEETS S100 REQUIREMENTS.
2. FOLLOWING SITE STABILIZATION, IF THERE ARE ANY CLOGGED/PONDING AREAS WITHIN THE BIORETENTION BASIN, THOSE AREAS SHALL HAVE THE TOP 1 FOOT OF MATERIAL REMOVED AND REPLACED WITH NEW ENGINEERED SOIL AND MULCH.



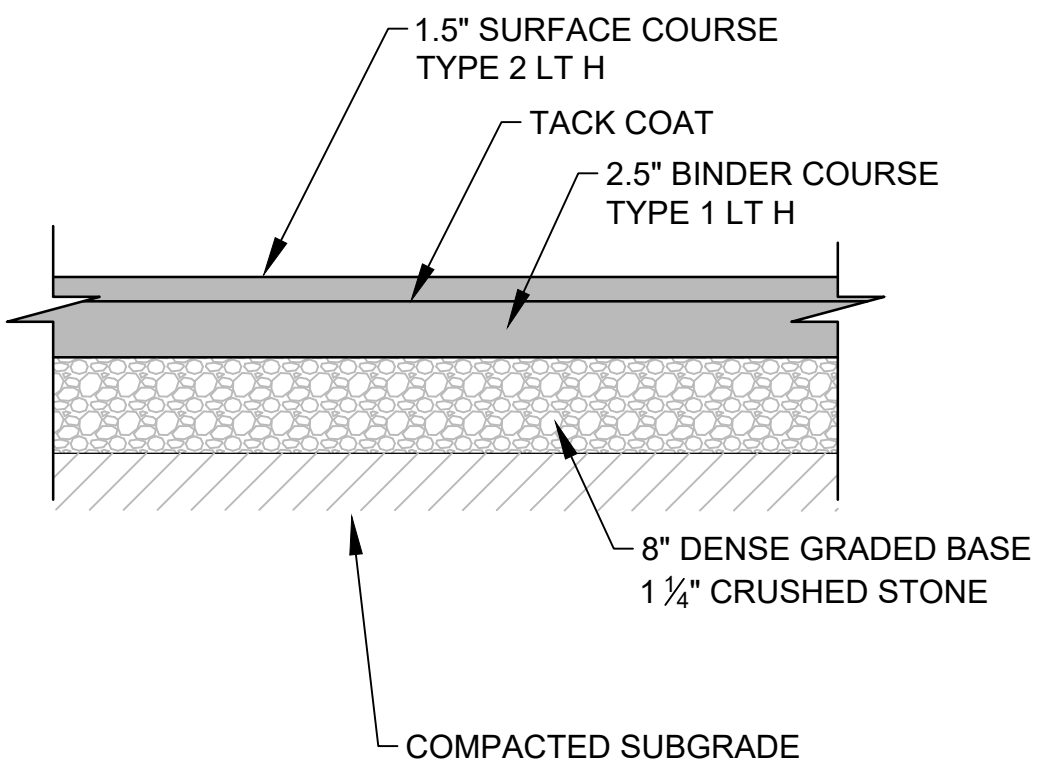
BIORETENTION B-2 DETAIL

NOTES:
1. CONSTRUCT IN ACCORDANCE WITH MNR TECHNICAL STANDARDS.
2. IF USING SUPPLIER PROVIDED SOIL MIX, PRIOR TO CONSTRUCTION CONTRACTOR SHALL SUBMIT TO ENGINEER SUPPLIER CERTIFICATION THAT THE SOIL MIXTURE & COMPOST USED IN BIORETENTION BASIN MEET S100 AND 1004 REQUIREMENTS.
3. IF MIXING SOIL USING ON-SITE SAND, COORDINATE WITH OWNER'S GEOTECHNICAL ENGINEER TO IDENTIFY WHAT ON-SITE SAND TO USE. DOCUMENT WHAT ON-SITE SAND WAS USED. SUBMIT PROPOSED SOIL MIXING METHOD THAT WILL ENSURE PROPER MIXING. SUBMIT SAMPLE OF MIXED MATERIAL TO GEOTECHNICAL ENGINEER.
4. IF MIXING SOIL USING ON-SITE SAND, PRIOR TO CONSTRUCTION CONTRACTOR SHALL SUBMIT TO ENGINEER SUPPLIER CERTIFICATION THAT THE COMPOST USED IN BIORETENTION BASIN MEETS S100 REQUIREMENTS.
2. FOLLOWING SITE STABILIZATION, IF THERE ARE ANY CLOGGED/PONDING AREAS WITHIN THE BIORETENTION BASIN, THOSE AREAS SHALL HAVE THE TOP 1 FOOT OF MATERIAL REMOVED AND REPLACED WITH NEW ENGINEERED SOIL AND MULCH.



TYPICAL CONCRETE PAVEMENT
NOT TO SCALE

NOTES:
1. A GEOTECHNICAL REPORT WILL BE COMPLETED PRIOR TO CONSTRUCTION. THE ABOVE DETAILS ARE SHOWN FOR REFERENCE ONLY.



TYPICAL ASPHALT PAVEMENT
NOT TO SCALE

NOTES:
1. A GEOTECHNICAL REPORT WILL BE COMPLETED PRIOR TO CONSTRUCTION. THE ABOVE DETAILS ARE SHOWN FOR REFERENCE ONLY.

BLUE BAY RESTAURANT REDEVELOPMENT

DETAIL SHEET
927 MAIN STREET
MUKWONAGO, WI 53149

DRAWN BY: NWD/JAH DATE:
CHECKED BY: JAH 12/03/2021
APPROVED BY:

PROJECT NO.
666-001-001

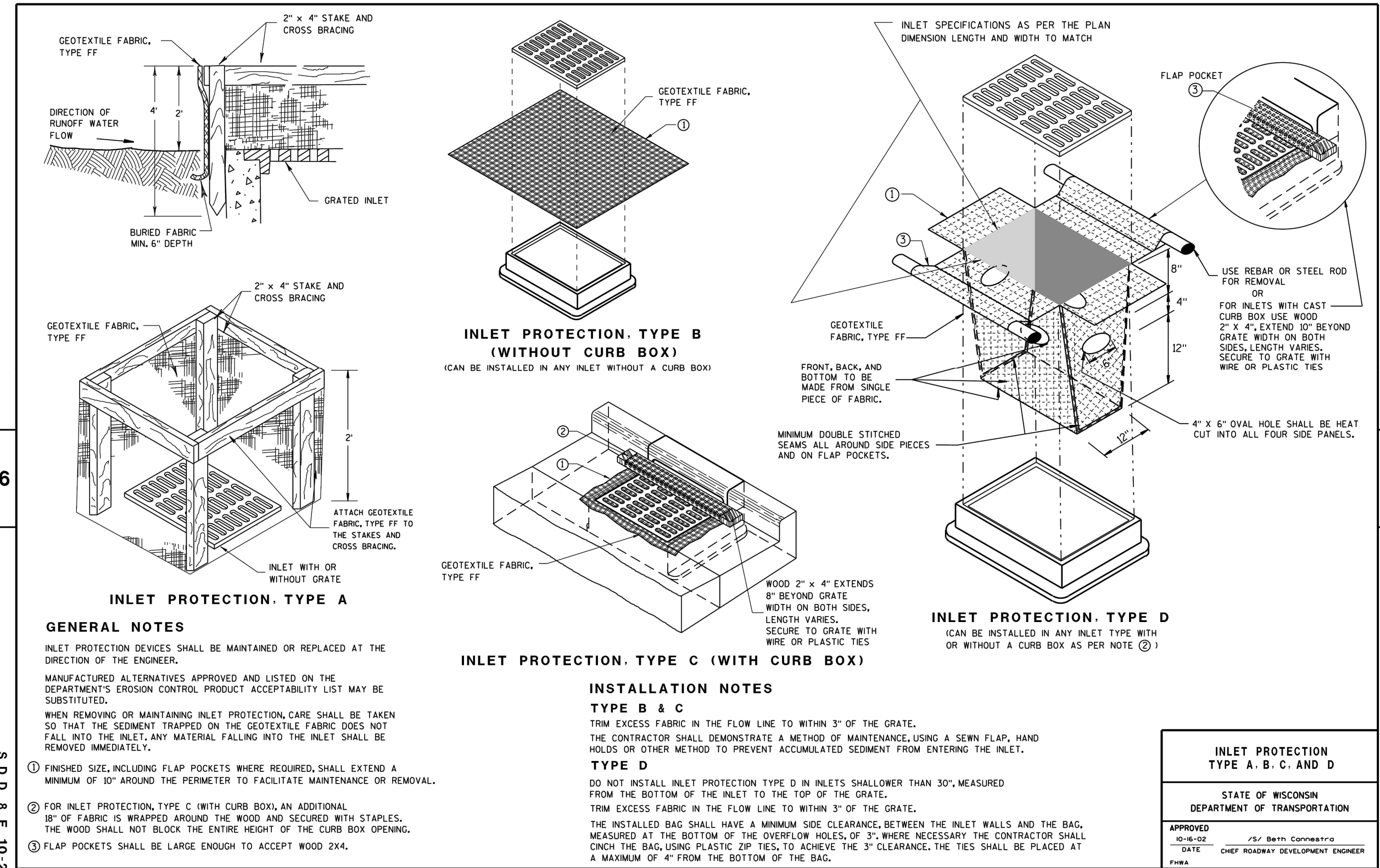
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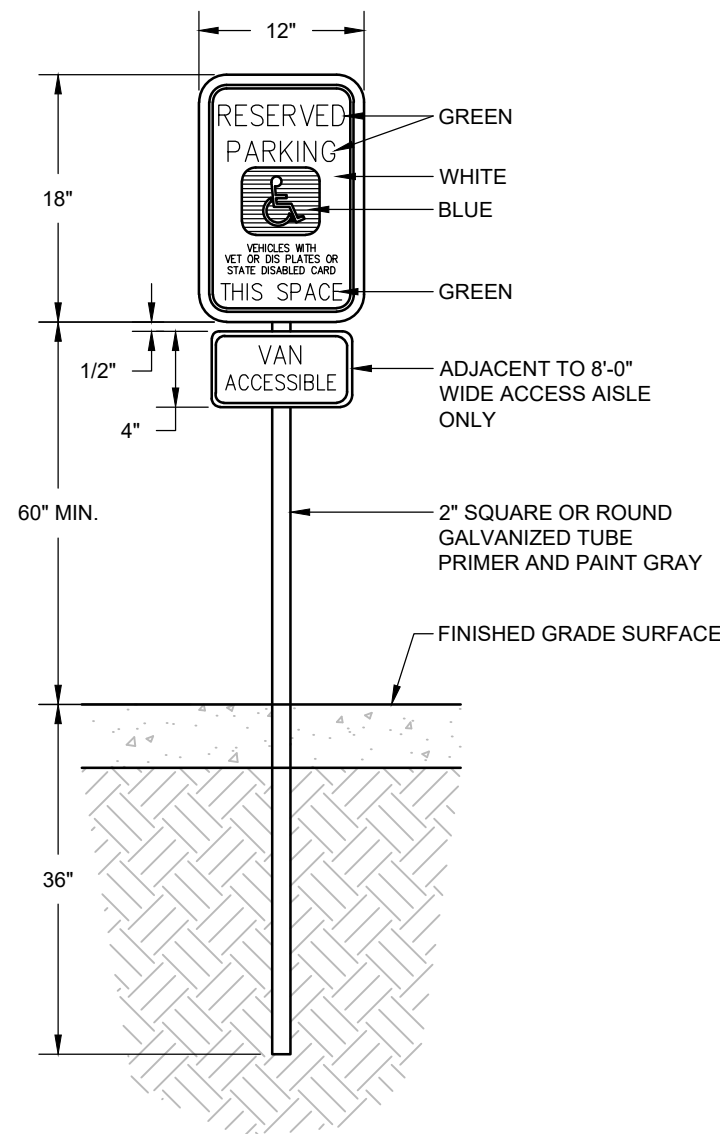
Endpoint Solutions

6871 S. LOVERS LANE
FRANKLIN, WI 53132
PHONE: (414) 427-1200

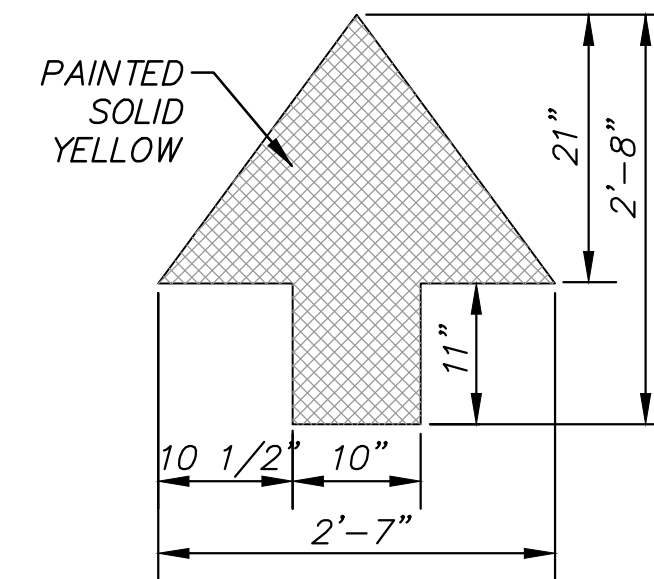
8E10: Inlet Protection Type A, B, C and D



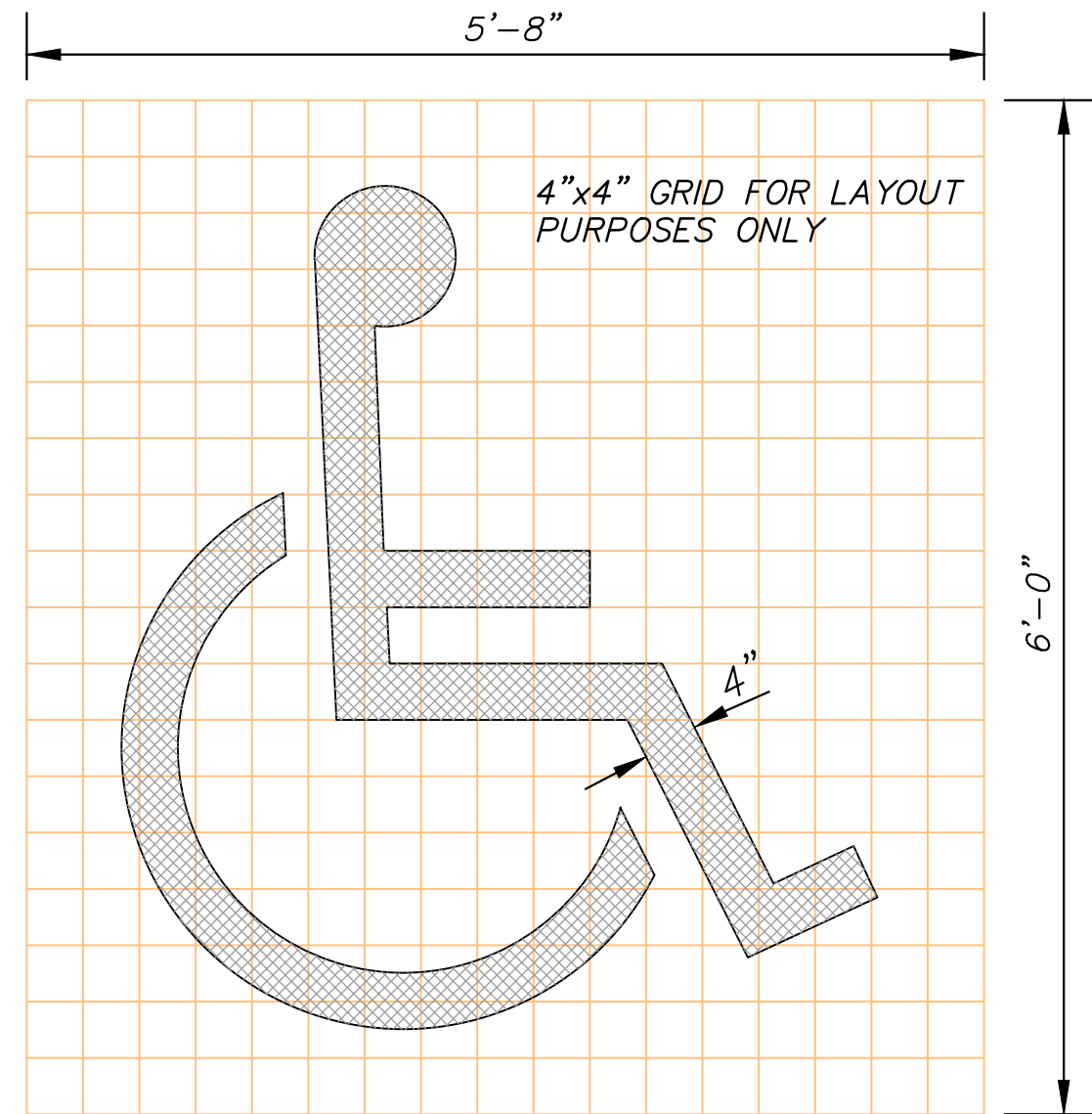
ACCESSIBLE PARKING SIGN
NOT TO SCALE



PARKING LOT
DIRECTIONAL ARROW
NOT TO SCALE

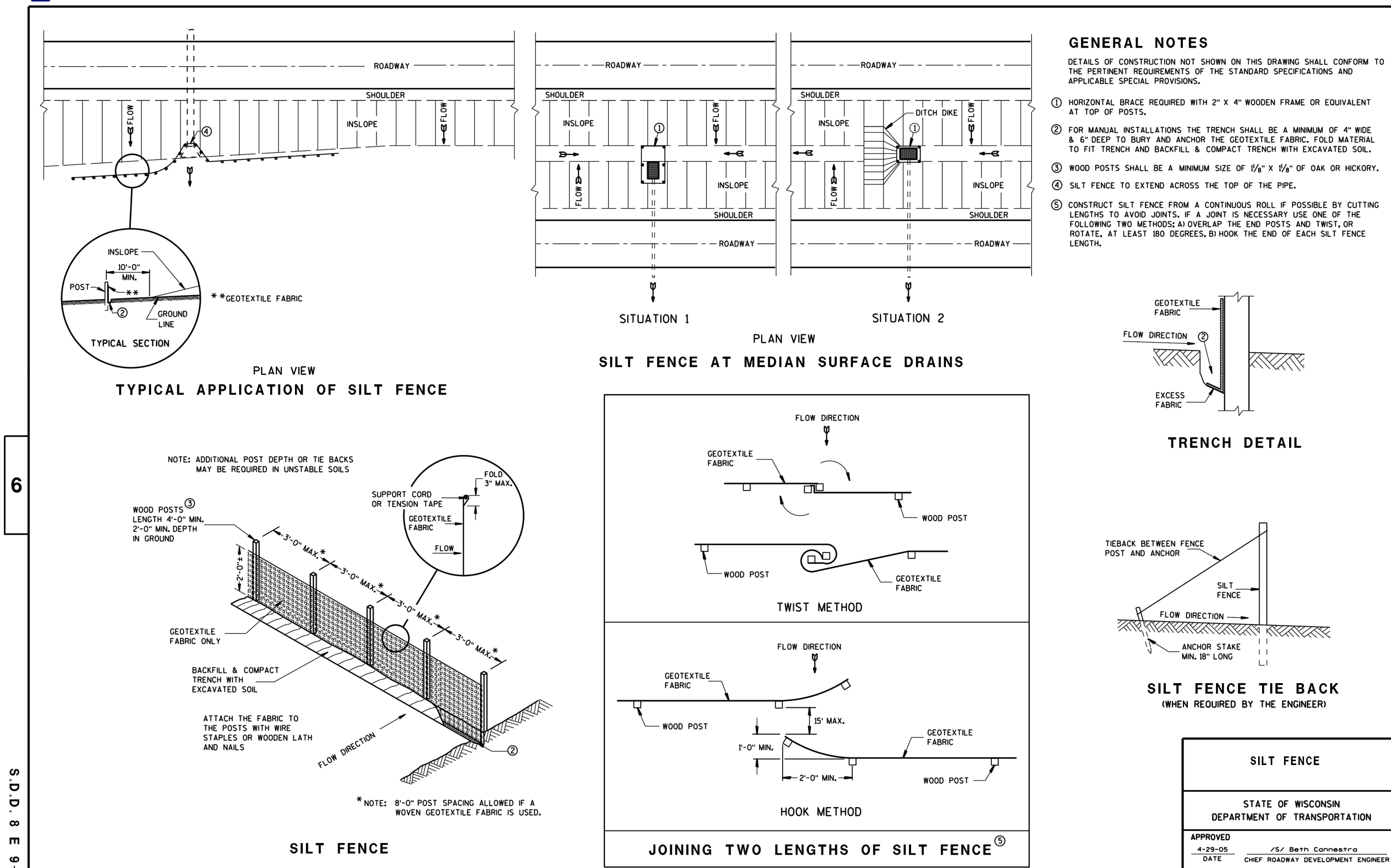


PAINTED ADA SYMBOL
NOT TO SCALE



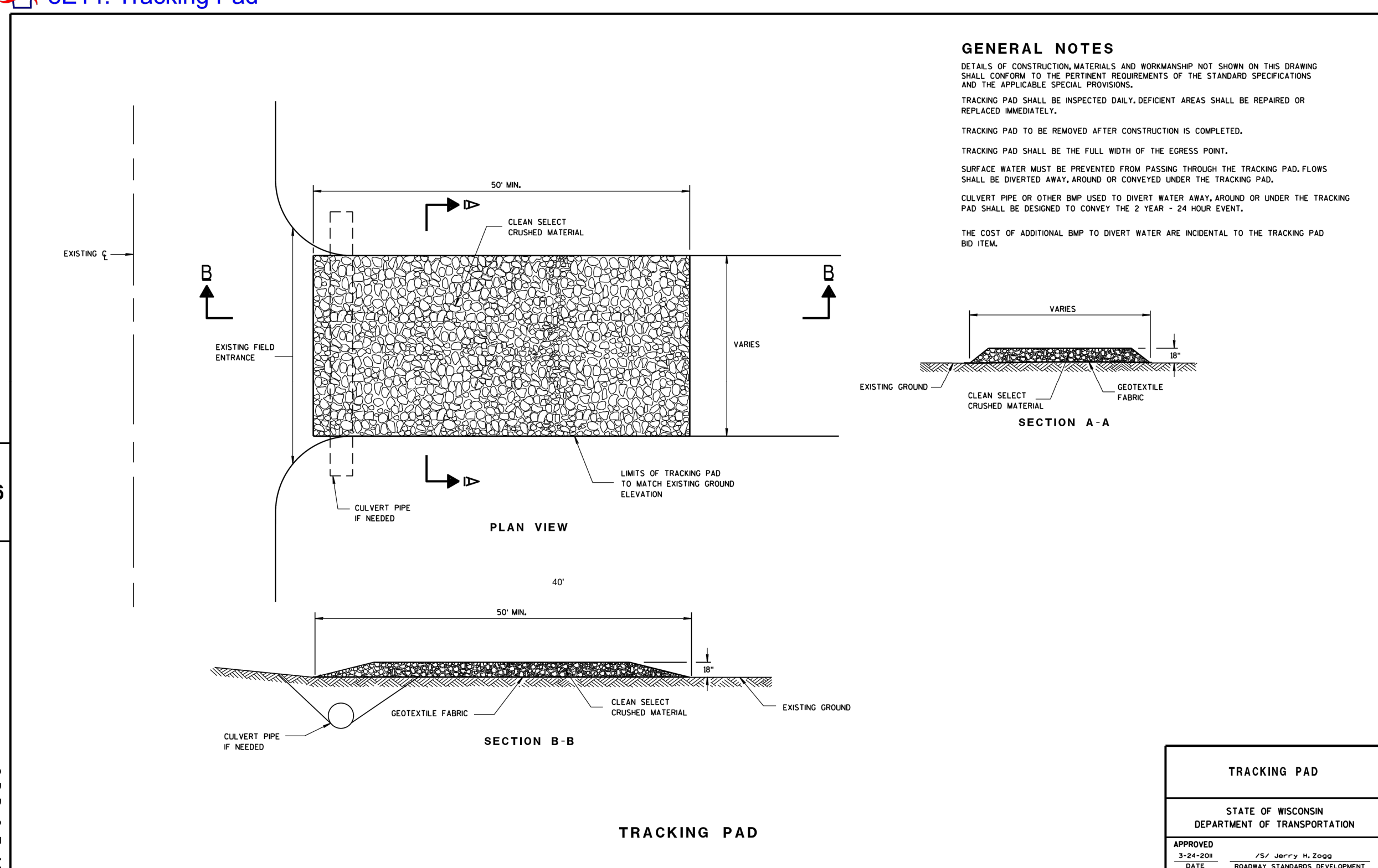
INLET PROTECTION
NOT TO SCALE

8E9: Silt Fence



SILT FENCE
NOT TO SCALE

8E14: Tracking Pad



TRACKING PAD
NOT TO SCALE

BLUE BAY RESTAURANT REDEVELOPMENT

DETAIL SHEET

927 MAIN STREET
MUKWONAGO, WI 53149

DRAWN BY: NWD/JAH
CHECKED BY: JAH
APPROVED BY:

PROJECT NO.
666-001-001

SHEET NO.
C6

Endpoint Solutions

6871 S. LOVERS LANE
FRANKLIN, WI 53132
PHONE: (414) 427-1200

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Blue Bay Mixed Development

927 Main Street
Mukwonago, WI 53149



PROJECT TEAM:

OWNER:

Blue Bay Restaurant
927 Main Street
Mukwonago, WI 53149
TEL: (262) 363-8112
email: drn0210@gmail.com
ATTN: Victor Islam

ARCHITECT:

Schroeder and Holt Architects
311 E. Chicago, Suite 310
Milwaukee, WI 53202
TEL: (414) 276-1760
email: dbaum@sha-a2k.com
ATTN: David Baum

GENERAL CONTRACTOR/DEVELOPER:

Campbell Construction
461 River Crest Court
Mukwonago, WI 53149
TEL: (262) 436-4760
email: jay@campbellconstructionbbg.com
ATTN: Jay Campbell

CIVIL ENGINEER

Endpoint Solutions
6871 S. Lovers Lane
Franklin, WI 53132
TEL: (414) 427-1200
email: jason@endpointcorporation.com
ATTN: Jason Heinonen

SHEET INDEX:

PHASE 1

ARCHITECTURAL DRAWINGS

A0.1	ARCHITECTURAL SITE PLAN
A1.1	GROUND FLOOR PLANS
A1.2	SECOND AND THIRD FLOOR PLANS
A2.1	EXTERIOR ELEVATIONS
A2.2	EXTERIOR ELEVATIONS

CIVIL DRAWINGS

C5	COVER SHEET
C1	PRE-CONSTRUCTION CONDITIONS & DEMOLITION PLAN
C2	PROPOSED SITE PLAN
C3	PROPOSED GRADING AND EROSION CONTROL PLAN
C4	PROPOSED UTILITY PLAN
C5	DETAIL SHEET
C6	DETAIL SHEET

LANDSCAPE DRAWINGS & PHOTOMETRICS

LSP1.1	PROPOSED OVERALL LANDSCAPE PLAN, SITE INFORMATION, GENERAL NOTES
LSP1.2	PROPOSED PARTIAL LANDSCAPE PLAN, AND PLANT MATERIAL TABLE
LSP1.3	PROPOSED PARTIAL LANDSCAPE PLAN, AND PLANT MATERIAL TABLE
LSP1.4	PROPOSED LANDSCAPE PLAN, PLANTING DETAILS
PHO1.1	PROPOSED OVERALL LIGHTING PLAN, GENERAL NOTES, AND LIGHT FIXTURE TABLE
PHO1.2	PURPOSED PARTIAL PHOTOMETRIC LIGHT LEVEL CALCULATIONS PLAN
PHO1.3	PROPOSED PARTIAL PHOTOMETRIC LIGHT LEVEL CALCULATIONS PLAN
PHO1.4	PROPOSED LIGHT FIXTURES

PHASE 2

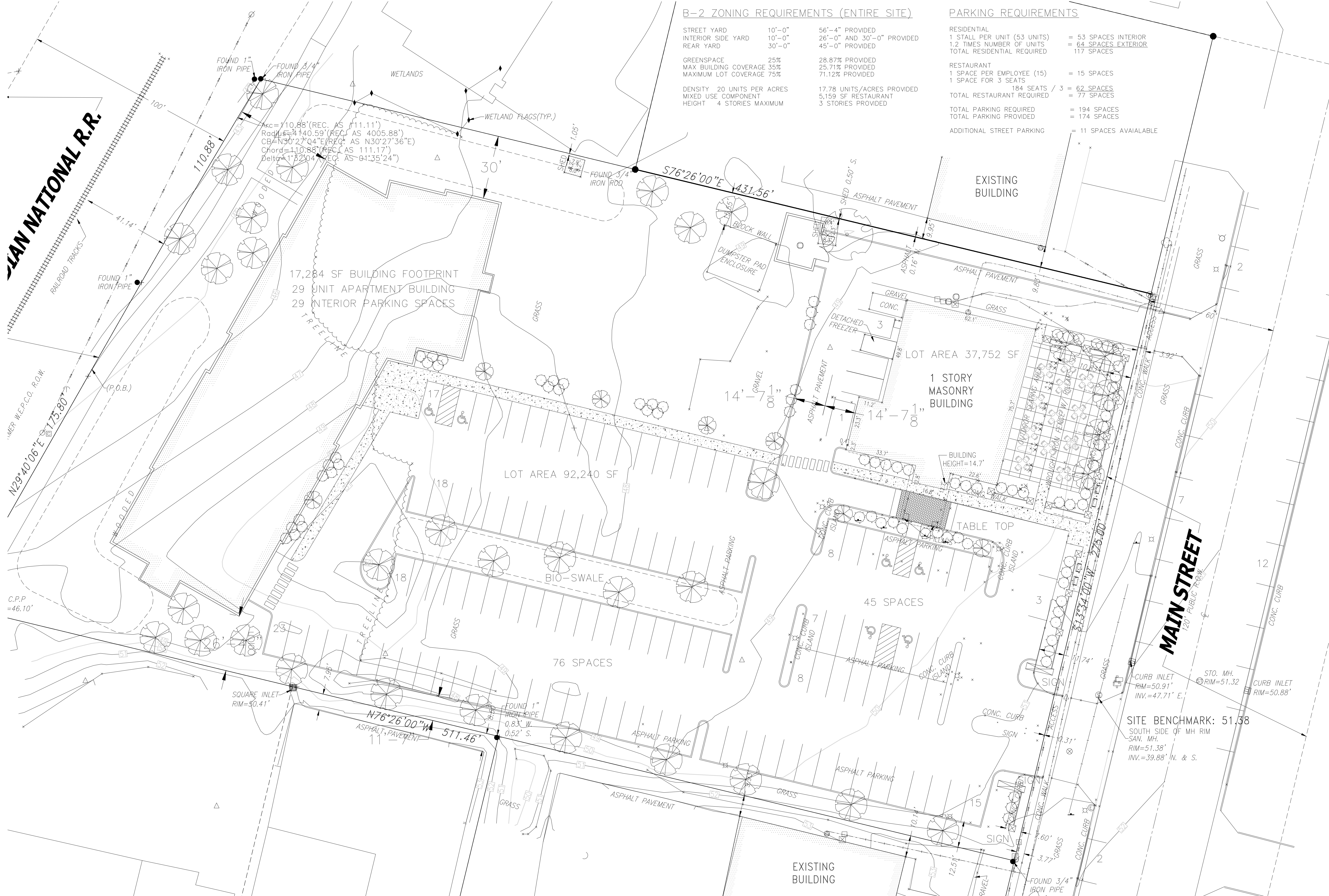
ARCHITECTURAL DRAWINGS

SP1.0	SITE PLAN
A1.1	GROUND FLOOR PLANS
A1.2	SECOND FLOOR PLAN
A1.3	THIRD FLOOR PLAN
A2.1	EXTERIOR ELEVATIONS
A2.2	EXTERIOR ELEVATIONS

PLAN NATIONAL R.R.

N29°40'06"E @ 175.80'

C.P.P.
=46.10'



B-2 ZONING REQUIREMENTS (ENTIRE SITE)

STREET YARD	10'-0"	56'-4" PROVIDED
INTERIOR SIDE YARD	10'-0"	26'-0" AND 30'-0" PROVIDED
REAR YARD	30'-0"	45'-0" PROVIDED
GREENSPACE	25%	28.87% PROVIDED
MAX BUILDING COVERAGE	35%	25.71% PROVIDED
MAXIMUM LOT COVERAGE	75%	71.12% PROVIDED
DENSITY	20 UNITS PER ACRES	17.78 UNITS/ACRES PROVIDED
MIXED USE COMPONENT		5,159 SF RESTAURANT
HEIGHT	4 STORIES MAXIMUM	3 STORIES PROVIDED

PARKING REQUIREMENTS

RESIDENTIAL		
1 STALL PER UNIT (53 UNITS)	=	53 SPACES INTERIOR
1.2 TIMES NUMBER OF UNITS	=	64 SPACES EXTERIOR
TOTAL RESIDENTIAL REQUIRED	=	117 SPACES
RESTAURANT		
1 SPACE PER EMPLOYEE (15)	=	15 SPACES
1 SPACE FOR 3 SEATS	=	184 SEATS / 3 = 62 SPACES
TOTAL RESTAURANT REQUIRED	=	77 SPACES
TOTAL PARKING REQUIRED	=	194 SPACES
TOTAL PARKING PROVIDED	=	174 SPACES
ADDITIONAL STREET PARKING	=	11 SPACES AVAILABLE

1 SITE PLAN

SCALE: 1" = 20'-0"

BLUE BAY MIXED USE DEVELOPMENT

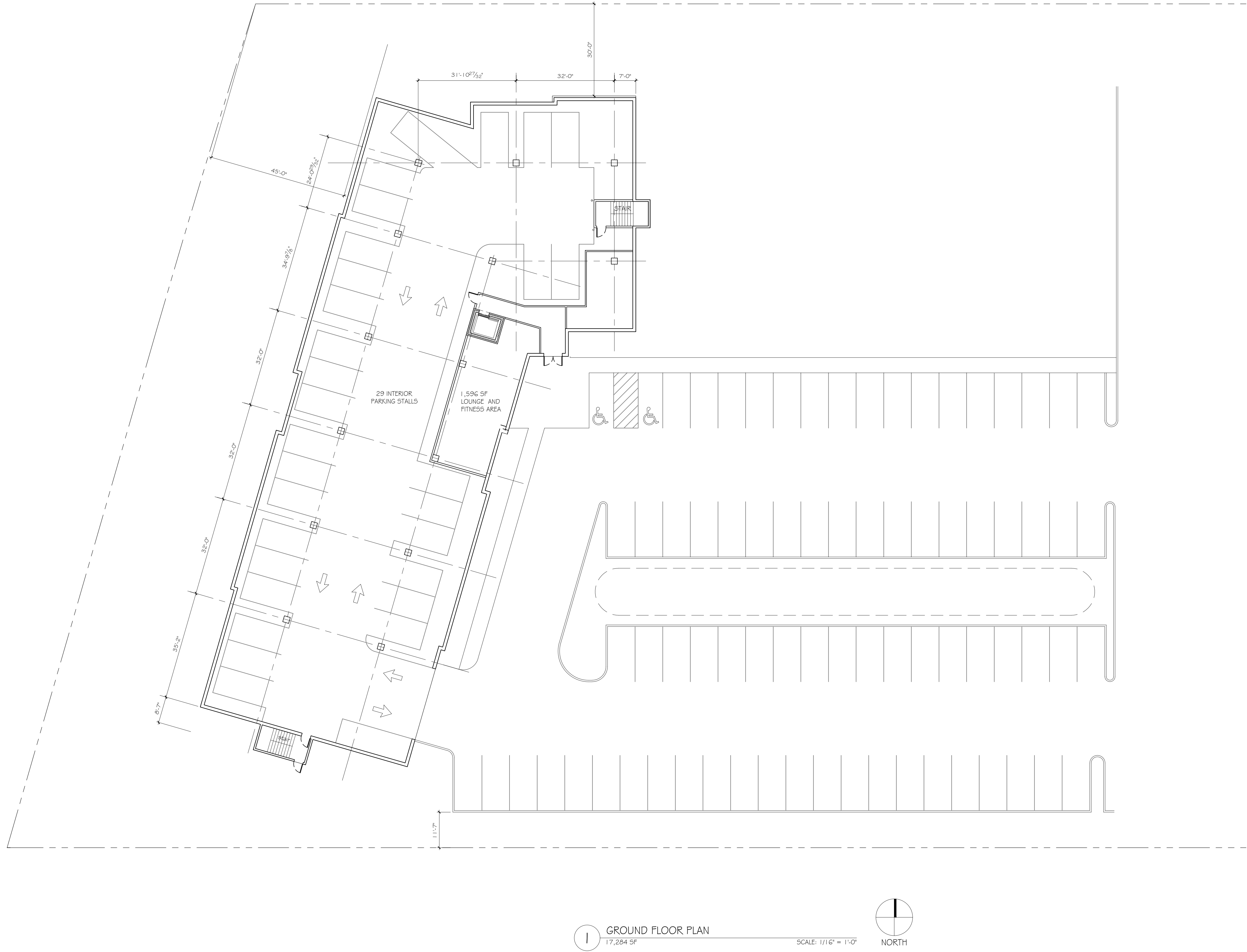
927 MAIN STREET
MUKWONAGO, WI 53149

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PROJECT #: 4036

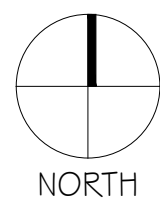
DATE: SEPTEMBER 10, 2021

SITE PLAN



1 GROUND FLOOR PLAN
17,284 SF

SCALE: 1/16" = 1'-0"



CONCEPTUAL DRAWING - NOT FOR CONSTRUCTION

BLUE BAY MIXED USE DEVELOPMENT

927 MAIN STREET
MUKWONAGO, WI 53149

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PROJECT #: 4036

DATE: OCTOBER 05, 2021

FIRST FLOOR PLAN

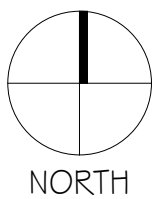
A1.1



2

SECOND FLOOR PLAN
17,264 SF

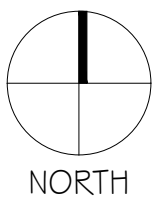
SCALE: 1/16" = 1'-0"



3

THIRD FLOOR PLAN
17,264 SF

SCALE: 1/16" = 1'-0"



CONCEPTUAL DRAWING - NOT FOR CONSTRUCTION

BLUE BAY MIXED USE DEVELOPMENT

927 MAIN STREET
MUKWONAGO, WI 53149

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PROJECT #: 4036

DATE: OCTOBER 05, 2021

FIRST FLOOR PLAN

A1.2



1

EAST ELEVATION

SCALE: 1/8" = 1'-0"



2

NORTH ELEVATION

SCALE: 1/8" = 1'-0"

BLUE BAY MIXED USE DEVELOPMENT

927 MAIN STREET
MUKWONAGO, WI 53149

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PROJECT #:

4036

DATE:

OCTOBER 05, 2021

EXTERIOR ELEVATIONS

A2.1

xx DRAWING - NOT FOR CONSTRUCTION



3 WEST ELEVATION

SCALE: 1/8" = 1'-0"



3 SOUTH ELEVATION

SCALE: 1/8" = 1'-0"

BLUE BAY MIXED USE DEVELOPMENT

927 MAIN STREET
MUKWONAGO, WI 53149

xx DRAWING - NOT FOR CONSTRUCTION

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PROJECT #: 4036

DATE: OCTOBER 05, 2021

EXTERIOR ELEVATIONS

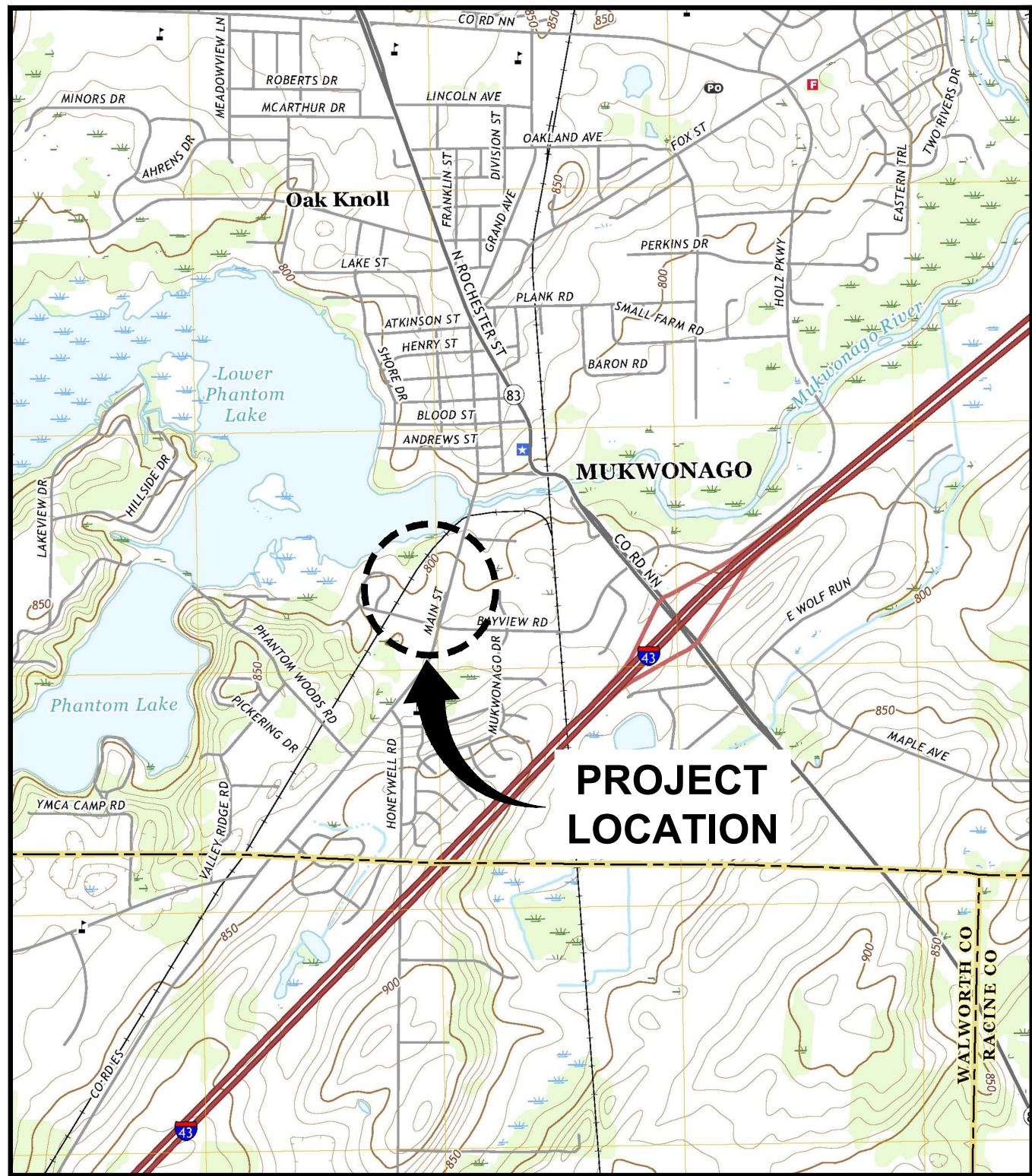
A2.2

BLUE BAY RESTAURANT REDEVELOPMENT

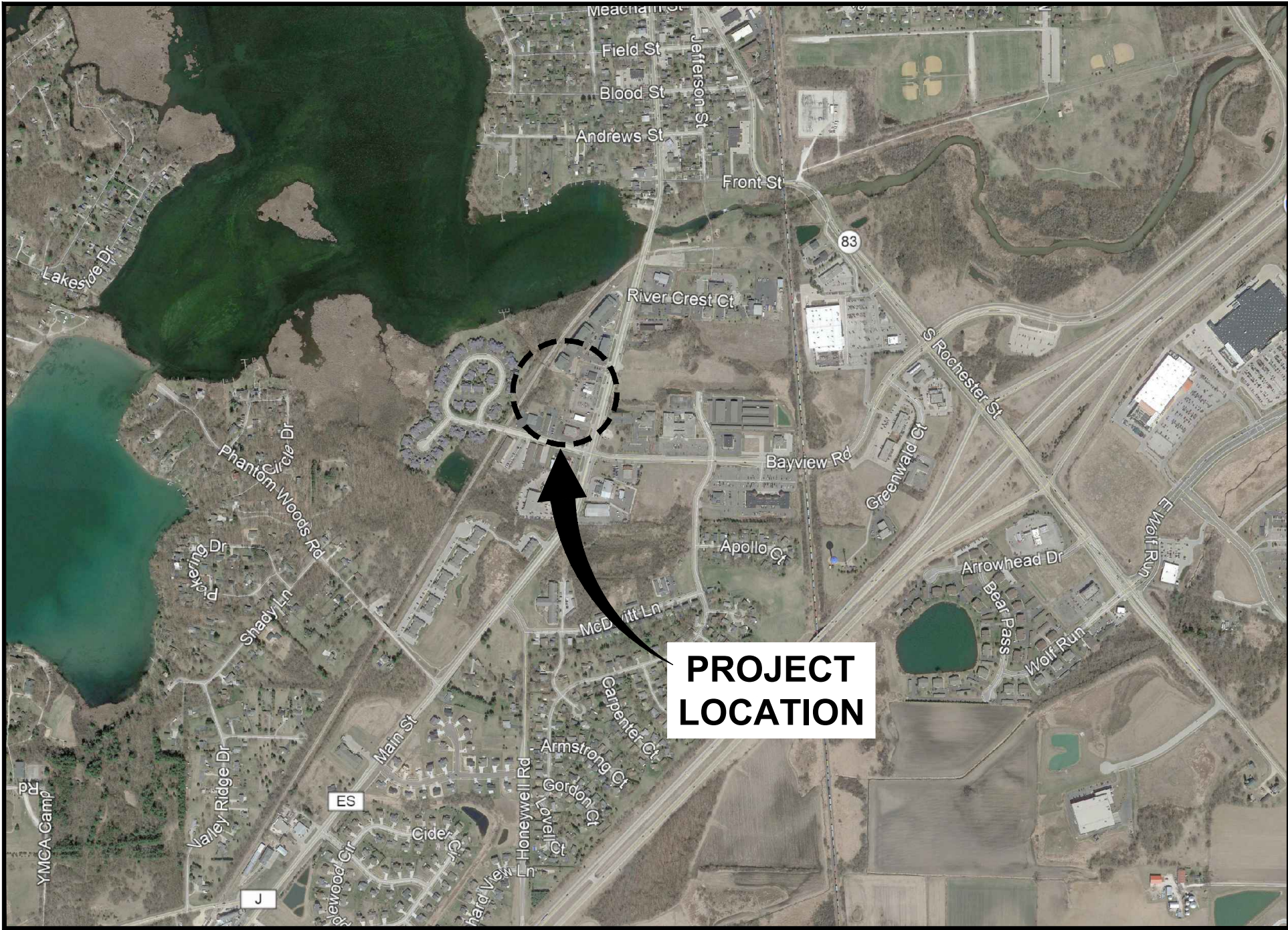
BLUE BAY RESTAURANT MUKWONAGO, WISCONSIN

CALL OR CLICK 3 WORKING DAYS BEFORE YOU DIG

Help Us...
Help You...
Protect
Your Facilities!



LOCATION MAP



PROJECT
LOCATION



DATE ISSUED
DECEMBER 3, 2021

927 MAIN STREET
MUKWONAGO, WISCONSIN 53149

Endpoint Solutions

CONTACTS

SITE ADDRESS/OWNER:
BLUE BAY RESTAURANT
927 MAIN STREET
MUKWONAGO, WISCONSIN 53149
CONTACT: VICTOR ISLAMI
PHONE: (262) 378-8888
EMAIL: VLAZNIMISLAMI@YAHOO.COM

ENGINEER/AGENT:
ENDPOINT SOLUTIONS CORP.
6871 S. LOVERS LANE
FRANKLIN, WI 53132
CONTACT: JASON HEINONEN, P.E.
PHONE: 414-858-1920
EMAIL: JASON@ENDPOINTCORPORATION.COM

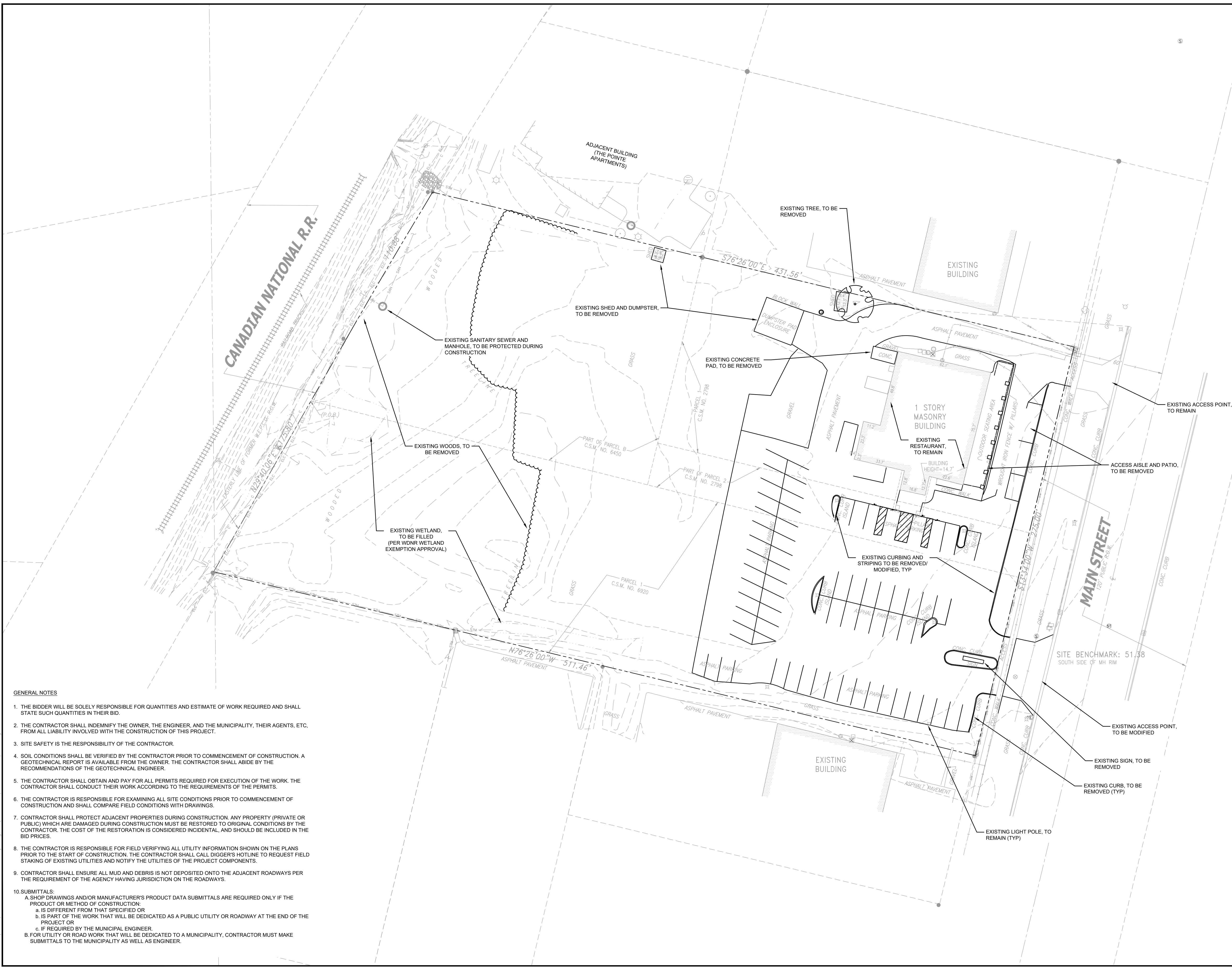
DRAWING SHEET INDEX

- | | |
|-------|---|
| CS | COVER SHEET |
| C1 | PRE-CONSTRUCTION CONDITIONS & DEMOLITION PLAN |
| C2 | PROPOSED SITE PLAN |
| C3 | PROPOSED GRADING AND EROSION CONTROL PLAN |
| C4 | PROPOSED UTILITY PLAN |
| C5-C6 | DETAIL SHEETS |

REVISION LOG

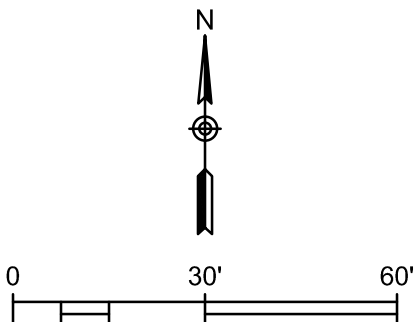
REVISION	ISSUE DATE	REVISED SHEETS	ISSUED FOR

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XREFS: .\Endpoint Border Blue Bay.dwg; .\Base Map from Chopt.dwg



GENERAL NOTES

- THE BIDDER WILL BE SOLELY RESPONSIBLE FOR QUANTITIES AND ESTIMATE OF WORK REQUIRED AND SHALL STATE SUCH QUANTITIES IN THEIR BID.
- THE CONTRACTOR SHALL INDEMNIFY THE OWNER, THE ENGINEER, AND THE MUNICIPALITY, THEIR AGENTS, ETC, FROM ALL LIABILITY INVOLVED WITH THE CONSTRUCTION OF THIS PROJECT.
- SITE SAFETY IS THE RESPONSIBILITY OF THE CONTRACTOR.
- SOIL CONDITIONS SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO COMMENCEMENT OF CONSTRUCTION. A GEOTECHNICAL REPORT IS AVAILABLE FROM THE OWNER. THE CONTRACTOR SHALL ABIDE BY THE RECOMMENDATIONS OF THE GEOTECHNICAL ENGINEER.
- THE CONTRACTOR SHALL OBTAIN AND PAY FOR ALL PERMITS REQUIRED FOR EXECUTION OF THE WORK. THE CONTRACTOR SHALL CONDUCT THEIR WORK ACCORDING TO THE REQUIREMENTS OF THE PERMITS.
- THE CONTRACTOR IS RESPONSIBLE FOR EXAMINING ALL SITE CONDITIONS PRIOR TO COMMENCEMENT OF CONSTRUCTION AND SHALL COMPARE FIELD CONDITIONS WITH DRAWINGS.
- CONTRACTOR SHALL PROTECT ADJACENT PROPERTIES DURING CONSTRUCTION. ANY PROPERTY (PRIVATE OR PUBLIC) WHICH ARE DAMAGED DURING CONSTRUCTION MUST BE RESTORED TO ORIGINAL CONDITIONS BY THE CONTRACTOR. THE COST OF THE RESTORATION IS CONSIDERED INCIDENTAL, AND SHOULD BE INCLUDED IN THE BID PRICES.
- THE CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFYING ALL UTILITY INFORMATION SHOWN ON THE PLANS PRIOR TO THE START OF CONSTRUCTION. THE CONTRACTOR SHALL CALL DIGGER'S HOTLINE TO REQUEST FIELD STAKING OF EXISTING UTILITIES AND NOTIFY THE UTILITIES OF THE PROJECT COMPONENTS.
- CONTRACTOR SHALL ENSURE ALL MUD AND DEBRIS IS NOT DEPOSITED ONTO THE ADJACENT ROADWAYS PER THE REQUIREMENT OF THE AGENCY HAVING JURISDICTION ON THE ROADWAYS.
- SUBMITTALS:
A. SHOP DRAWINGS AND/OR MANUFACTURER'S PRODUCT DATA SUBMITTALS ARE REQUIRED ONLY IF THE PRODUCT OR METHOD OF CONSTRUCTION:
a. IS DIFFERENT FROM THAT SPECIFIED OR
b. IS PART OF THE WORK THAT WILL BE DEDICATED AS A PUBLIC UTILITY OR ROADWAY AT THE END OF THE PROJECT OR
c. IF REQUIRED BY THE MUNICIPAL ENGINEER.
B. FOR UTILITY OR ROAD WORK THAT WILL BE DEDICATED TO A MUNICIPALITY, CONTRACTOR MUST MAKE SUBMITTALS TO THE MUNICIPALITY AS WELL AS ENGINEER.



Endpoint Solutions

6871 S. LOVERS LANE
FRANKLIN, WI 53132
PHONE: (414) 427-1200

BLUE BAY RESTAURANT REDEVELOPMENT

PRE-CONSTRUCTION CONDITIONS
& DEMOLITION PLAN

927 MAIN STREET
MUKWONAGO, WI 53149

DRAWN BY: NWD/JAH DATE:

CHECKED BY: JAH 12/03/2021

APPROVED BY:

PROJECT NO.

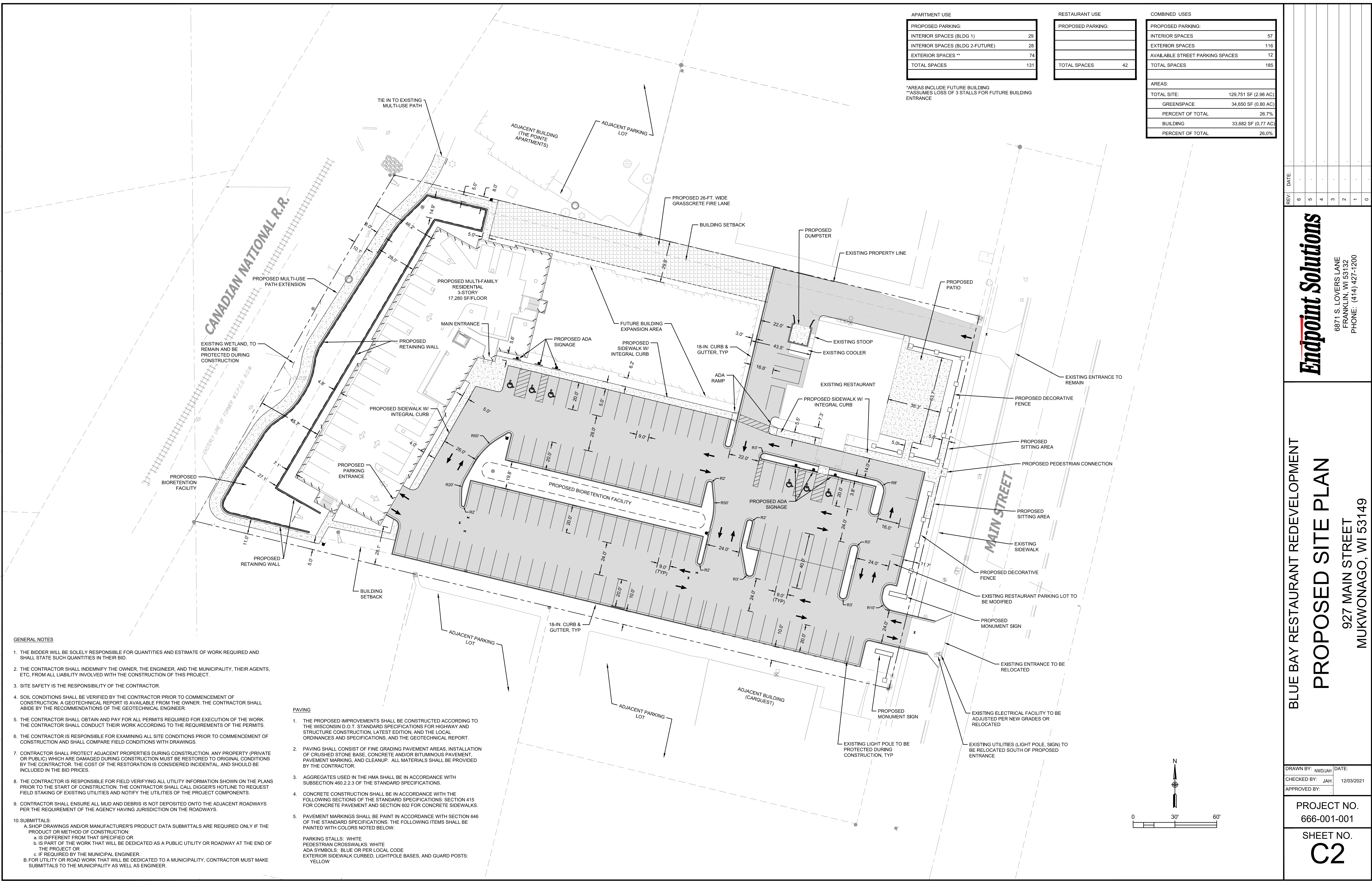
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SHEET NO.

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Dec 03, 2021 2:31pm PLOTTED BY: jheinenon SAVD BY: jheinenon C2_666-001-001-Proposed Site Plan.dwg Layout
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Endpoint Solutions

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FRANKLIN, WI 53132
PHONE: (414) 427-1200

BLUE BAY RESTAURANT REDEVELOPMENT

PROPOSED SITE PLAN

927 MAIN STREET
MUKWONAGO, WI 53149

DRAWN BY: NWD/JAH
CHECKED BY: JAH
APPROVED BY:

DATE: 12/03/2021

PROJECT NO.

666-001-001

SHEET NO.

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Dec 03, 2021 2:31pm PLOTTED BY: jhelonen SAVED BY: jhelonen C:\666-001-001-Proposed Grading Plan.dwg Layout1
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XREFS: P:\Victor Islami - 666\001 - Blue Bay Restaurant\CAD\001-001\Base Map from Chaput.dwg; P:\Victor Islami - 666\001 - Blue Bay Restaurant\CAD\001-001\Blue Bay - Proposed Grading Plan.dwg

- EXISTING MAJOR CONTOUR, (5' INTERVAL)
- EXISTING MINOR CONTOUR, (1' INTERVAL)
- PROPOSED MAJOR CONTOUR, (5' INTERVAL)
- PROPOSED MINOR CONTOUR, (1' INTERVAL)
- PROPOSED SPOT GRADE
- PROPOSED SPOT GRADE, MATCH EXISTING
- PROPOSED SPOT GRADE, BOTTOM OF CURB
- PROPOSED SPOT GRADE, TOP OF CURB
- PROPOSED SPOT GRADE, TOP OF WALL
- PROPOSED SPOT GRADE, BOTTOM OF WALL
- PROPOSED SILT FENCE
- PROPOSED INLET PROTECTION
- IRON PIPE FOUND
- POST
- UTILITY POLE

CANADIAN NATIONAL R.R.

EXISTING WETLAND,
PROTECT DURING
CONSTRUCTION

PROPOSED BIORETENTION (B2)
BASE: 44.50
IE: 42.00
OVERFLOW: 46.50

PROPOSED
SILT FENCE
TYP

PROPOSED MULTI-FAMILY
RESIDENTIAL
3-STORY
17,280 SF/FLOOR
FF 50.50

ADJACENT BUILDING
(THE POINTE
APARTMENTS)

PROPOSED BIORETENTION (B1)
BASE: 47.00
IE: 45.00
OVERFLOW: 48.50

PROPOSED 3-FT.
CURB CUT

PROPOSED 3-FT.
CURB CUT

PROPOSED WISDOT LIGHT
RIPRAP AT ALL CURB CUTS.
MIN. 5' WIDE AND 5' INTO BASE
OF BIORETENTION BASE

PROPOSED TRACKING PAD
(LOCATION TO BE
DETERMINED BASED ON
PROJECT PHASING)

PROPOSED INLET
PROTECTION

MAIN STREET

PROPOSED INLET
PROTECTION

GENERAL GRADING NOTES

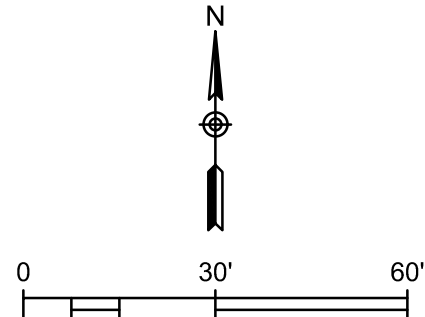
- THE PROPOSED IMPROVEMENTS SHALL BE CONSTRUCTED ACCORDING TO THE D.O.T. STANDARD SPECIFICATIONS, LOCAL ORDINANCES AND SPECIFICATIONS, AND RECOMMENDATIONS IN THE GEOTECHNICAL REPORT.
- THE CONTRACTOR SHALL ASSUME SOLE RESPONSIBILITY FOR THE COMPUTATIONS OF ALL GRADING AND FOR ACTUAL LAND BALANCE, INCLUDING UTILITY TRENCH SPOIL. THE CONTRACTOR SHALL IMPORT OR EXPORT MATERIAL AS NECESSARY TO COMPLETE THE PROJECT.
- GRADING SHALL CONSIST OF CLEARING AND GRUBBING EXISTING VEGETATION, STRIPPING TOPSOIL, REMOVAL OF EXISTING PAVEMENT OR FOUNDATIONS, IMPORTING OR EXPORTING MATERIAL TO ACHIEVE AND ON-SITE EARTHWORK BALANCE, GRADING THE PROPOSED BUILDING PADS AND PAVEMENT AREAS, SCARIFYING AND FINAL COMPACTION OF THE PAVEMENT SUBGRADE, AND PLACEMENT OF TOPSOIL.
- THE CONTRACTOR SHALL MAINTAIN SITE DRAINAGE THROUGHOUT CONSTRUCTION.
- EROSION AND SEDIMENT CONTROL MEASURES ARE REQUIRED AS PART OF THIS PROJECT. CONSTRUCTION ACTIVITIES MUST COMPLY WITH ALL PROVISIONS OF LOCAL, STATE AND FEDERAL REGULATIONS AS WELL AS THE SITE SPECIFIC SWPPP (IF APPLICABLE). ALL LAND DISTURBING ACTIVITIES MAY BE SUBJECT TO INSPECTION BY LOCAL AUTHORITIES AND THE WISCONSIN DEPARTMENT OF NATURAL RESOURCES.
- CONTRACTOR SHALL MINIMIZE CLEARING AND DISTURBANCE TO THE ENVIRONMENT TO THE EXTENT POSSIBLE. CONTRACTOR RESPONSIBLE FOR RESTORATION OF ALL DISTURBED AREAS.
- RUBBISH, TRASH, GARBAGE, LITTER OR OTHER SUCH MATERIALS SHALL BE DISPOSED INTO SEALED CONTAINERS. MATERIALS SHALL BE PREVENTED FROM LEAVING THE SITE THROUGH THE ACTION OF WIND OR STORM WATER DISCHARGE INTO DRAINAGE DITCHES OR WATERS OF THE STATE. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR THE REMOVAL OF CONSTRUCTION WASTE IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL REGULATIONS.
- SILT FENCE AND OTHER EROSION CONTROL FACILITIES MUST BE INSTALLED PRIOR TO CONSTRUCTION OR ANY OTHER LAND DISTURBING ACTIVITY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING ALL EROSION CONTROL FACILITIES ONCE THE SITE HAS STABILIZED.
- NO FILL SHALL BE PLACED ON A WET OR SOFT SUBGRADE. THE SUBGRADE SHALL BE PROOF-ROLLED AND INSPECTED BY THE GEOTECHNICAL ENGINEER BEFORE ANY MATERIAL IS PLACED.
- ALL FILL SHALL BE CONSIDERED STRUCTURAL FILL AND SHALL BE PLACED IN ACCORDANCE WITH THE GEOTECHNICAL REPORT
- BEFORE PROCEEDING WITH ANY UTILITY CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE EACH EXISTING LATERAL OR POINT OF CONNECTION AND VERIFY THE SIZE, LOCATION AND ELEVATION OF ALL UTILITIES.
- TEMPORARY EROSION CONTROL MATTING SHALL BE PLACED ON ALL SLOPES THAT ARE STEEPER THAN 4:1.
- ALL PROPOSED CONTOURS REPRESENT FINAL FINISHED GRADE ELEVATIONS.

EROSION AND SEDIMENT CONTROL

- CONSTRUCT AND MAINTAIN EROSION CONTROL MEASURES IN ACCORDANCE WITH THE WISCONSIN DEPARTMENT OF NATURAL RESOURCES (WDNR) CHAPTERS NR 151 AND NR 216, WISCONSIN ADMINISTRATIVE CODE, AND APPROPRIATE WDNR TECHNICAL STANDARDS. EROSION AND SEDIMENT CONTROL PRODUCTS SHALL BE LISTED IN THE WISCONSIN DEPARTMENT OF TRANSPORTATION PRODUCT ACCEPTABILITY LIST (WisDOT PAL). THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING COPIES OF THESE STATE REQUIREMENTS, TECHNICAL STANDARDS, AND WisDOT PAL.
- IMPLEMENT EROSION AND SEDIMENT CONTROL BEST MANAGEMENT PRACTICES (BMPs) PRIOR TO SOIL DISTURBING ACTIVITIES (E.G., CLEARING, GRUBBING, TOPSOIL STRIPPING, EXCAVATION, MATERIAL STOCKPILING, ETC.). INSTALL EROSION CONTROL MEASURES AROUND STOCKPILE LOCATIONS.
- MINIMIZE DISTURBED AREA BY PHASING OR SEQUENCING CONSTRUCTION AND PRESERVING EXISTING VEGETATION WHERE POSSIBLE.
- DIVERT STORM WATER AWAY FROM DISTURBED OR EXPOSED AREAS WHEN POSSIBLE.
- PROTECT ADJACENT PROPERTIES WITH SEDIMENT BALE BARRIERS OR SILT FENCE UNTIL CONSTRUCTION IS COMPLETE IN ACCORDANCE WITH WDNR TECHNICAL STANDARDS 1055 OR 1056, RESPECTIVELY.
- INSTALL A GRAVEL TRACKING PAD AT EACH NONPAVED CONSTRUCTION AREA ENTRANCE IN ACCORDANCE WITH WDNR TECHNICAL STANDARD 1057. PAVED SURFACES ADJACENT TO CONSTRUCTION SITE VEHICLE ACCESS SHALL BE SWEEP AND/OR SCRAPPED PERIODICALLY TO REMOVE SOIL, DIRT, AND/OR DUST.

CONSTRUCTION SEQUENCE

- INSTALL SILT FENCE AND INLET PROTECTION AS SHOWN ON PLAN. MAINTAIN AS NECESSARY DURING CONSTRUCTION. INSPECT FOLLOWING RAIN EVENTS.
- INSTALL TRACKING PAD.
- CLEAR AND GRUB SITE AND STRIP TOPSOIL. TEMPORARILY STOCKPILE TOPSOIL ON SITE (EXCESS TO BE REMOVED FROM SITE ACCORDING TO GENERAL CONTRACTORS CONSTRUCTION PHASING PLAN).
- GRADE SITE.
- STABILIZE DISTURBED GROUND WITH TEMPORARY SEED, FERTILIZER, AND MULCH.
- CONTRACTOR SHALL REMOVE ALL TEMPORARY EROSION CONTROL BMPs WHEN DISTURBED AREAS ARE PERMANENTLY STABILIZED AND NO LONGER SUSCEPTIBLE TO EROSION.
- FOLLOWING STABILIZATION, VERIFY POND DEPTH AND REMOVE SEDIMENT IF NECESSARY TO MEET DESIGN GRADES.



BLUE BAY RESTAURANT REDEVELOPMENT
PROPOSED GRADING AND
EROSION CONTROL PLAN

927 MAIN STREET
MUKWONAGO, WI 53149

DRAWN BY: NWD/JAH DATE:
CHECKED BY: JAH 12/03/2021
APPROVED BY:

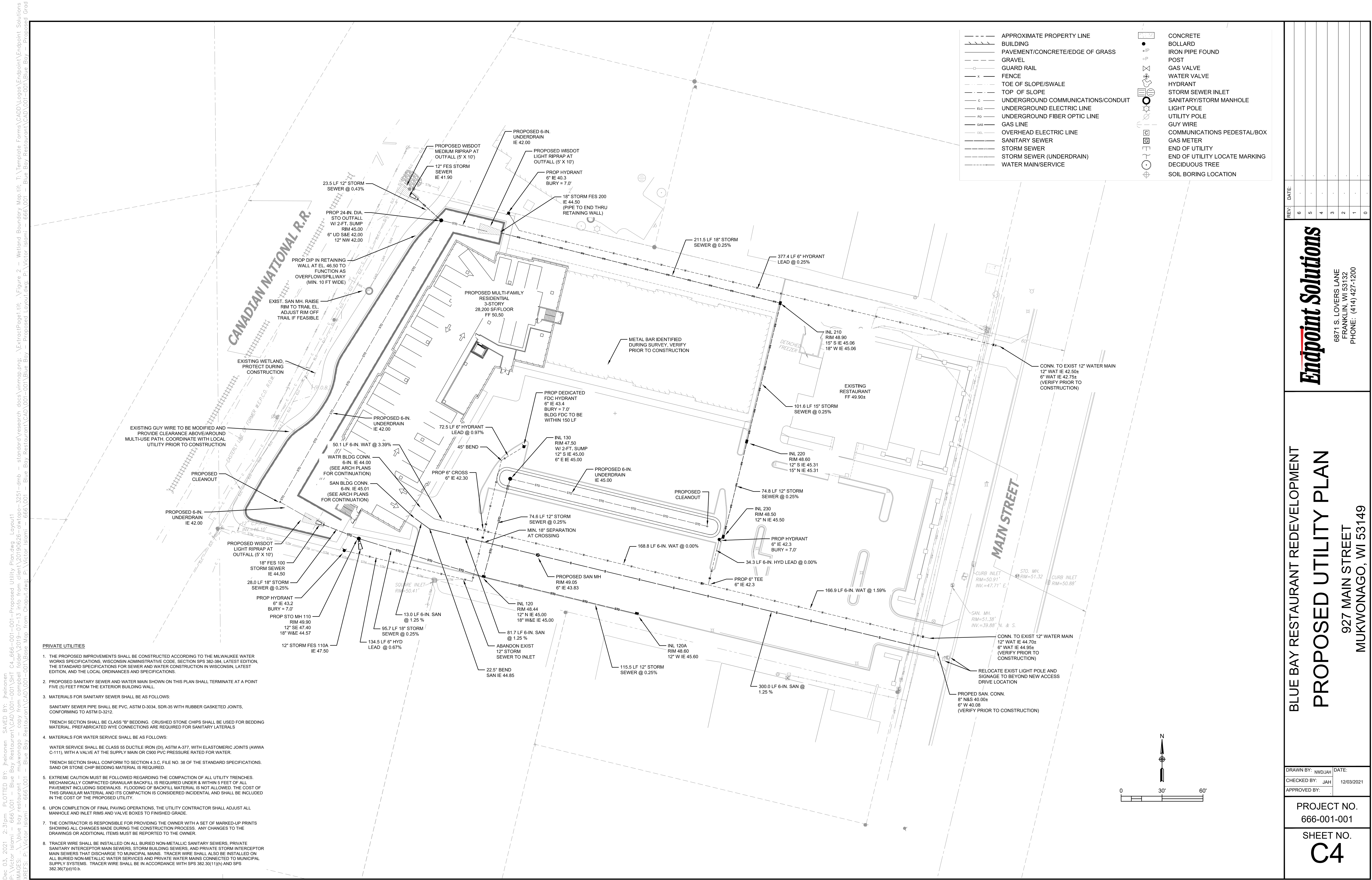
PROJECT NO.
666-001-001

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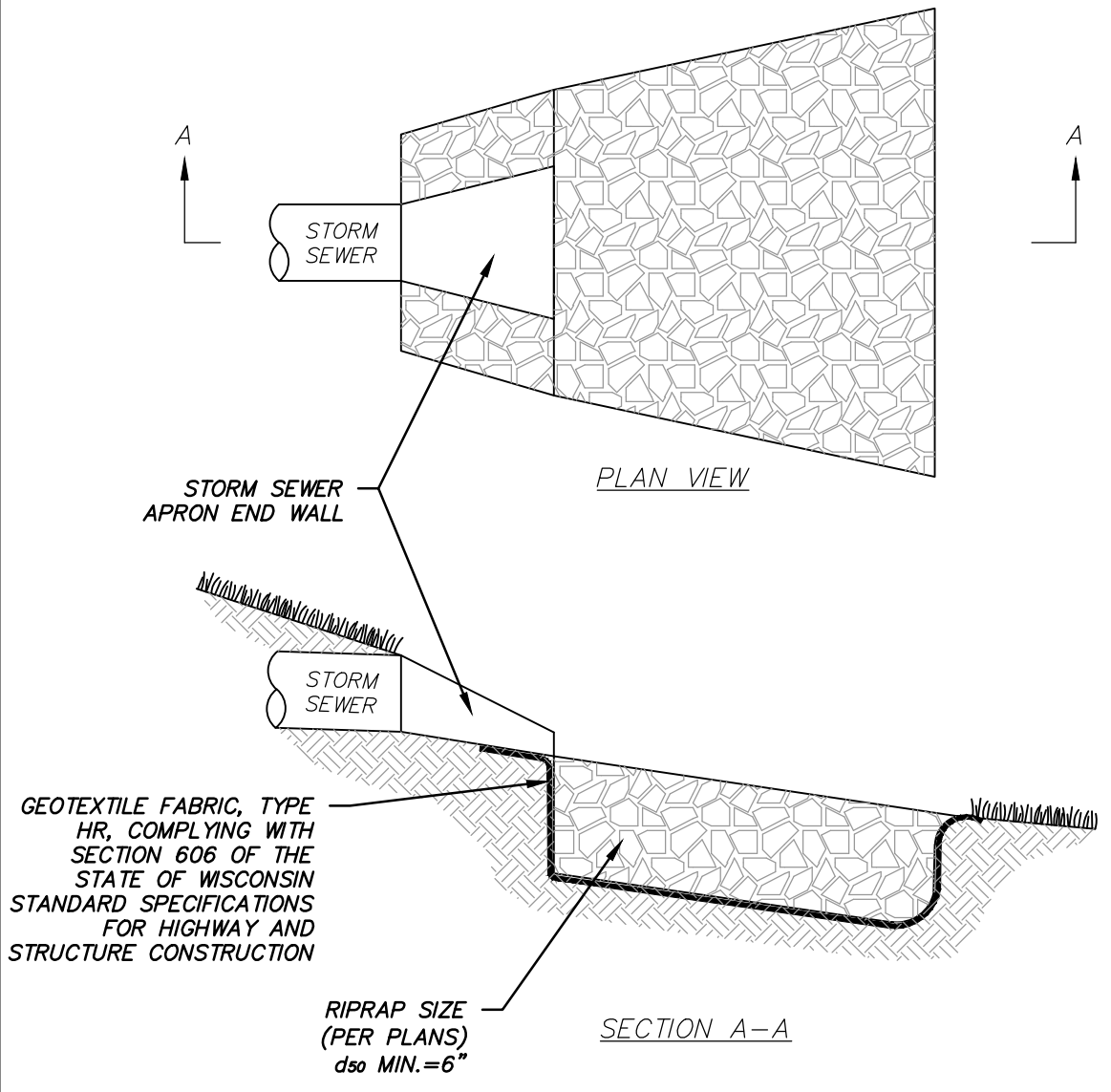
Endpoint Solutions

6871 S. LOVERS LANE
FRANKLIN, WI 53132
PHONE: (414) 427-1200

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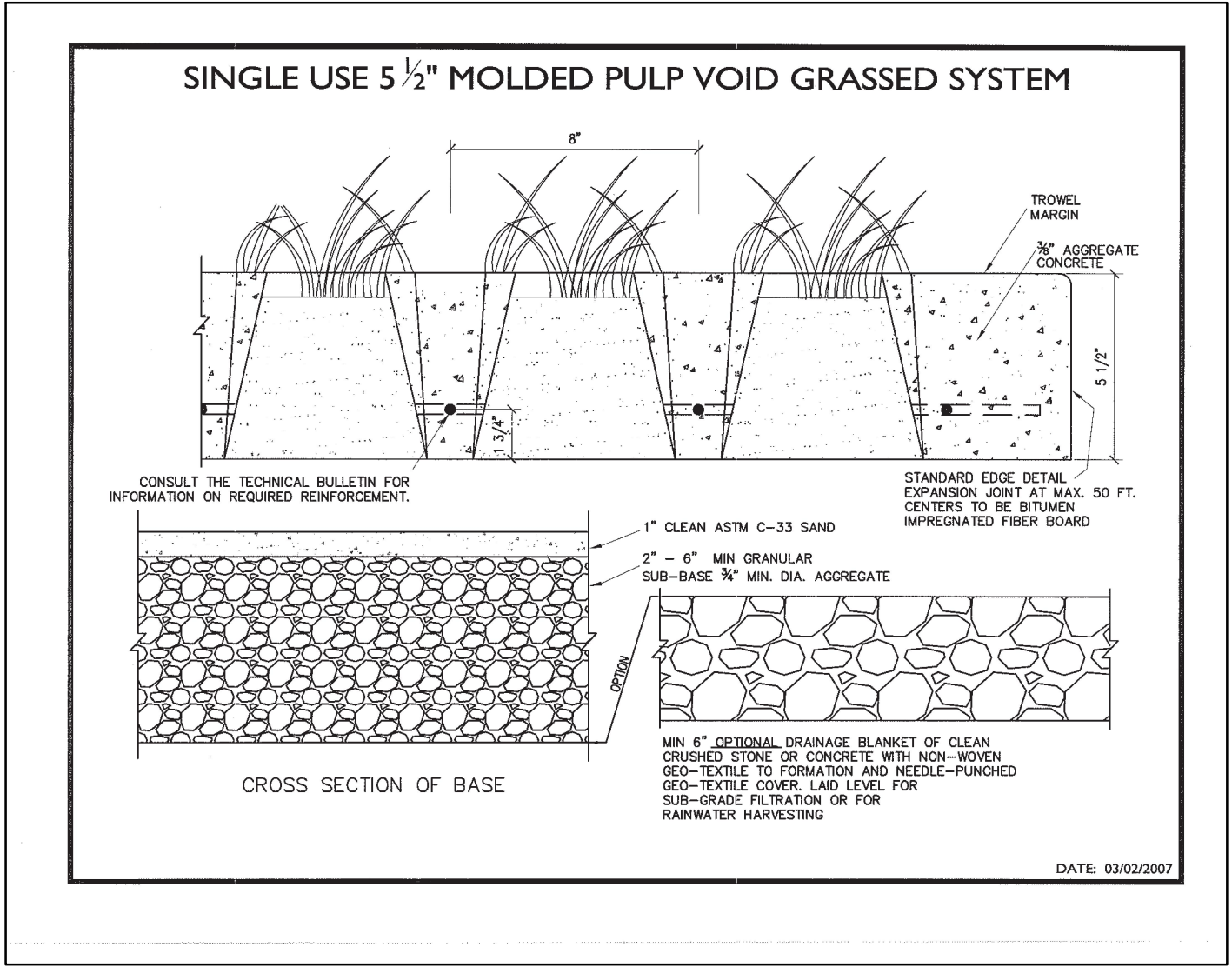
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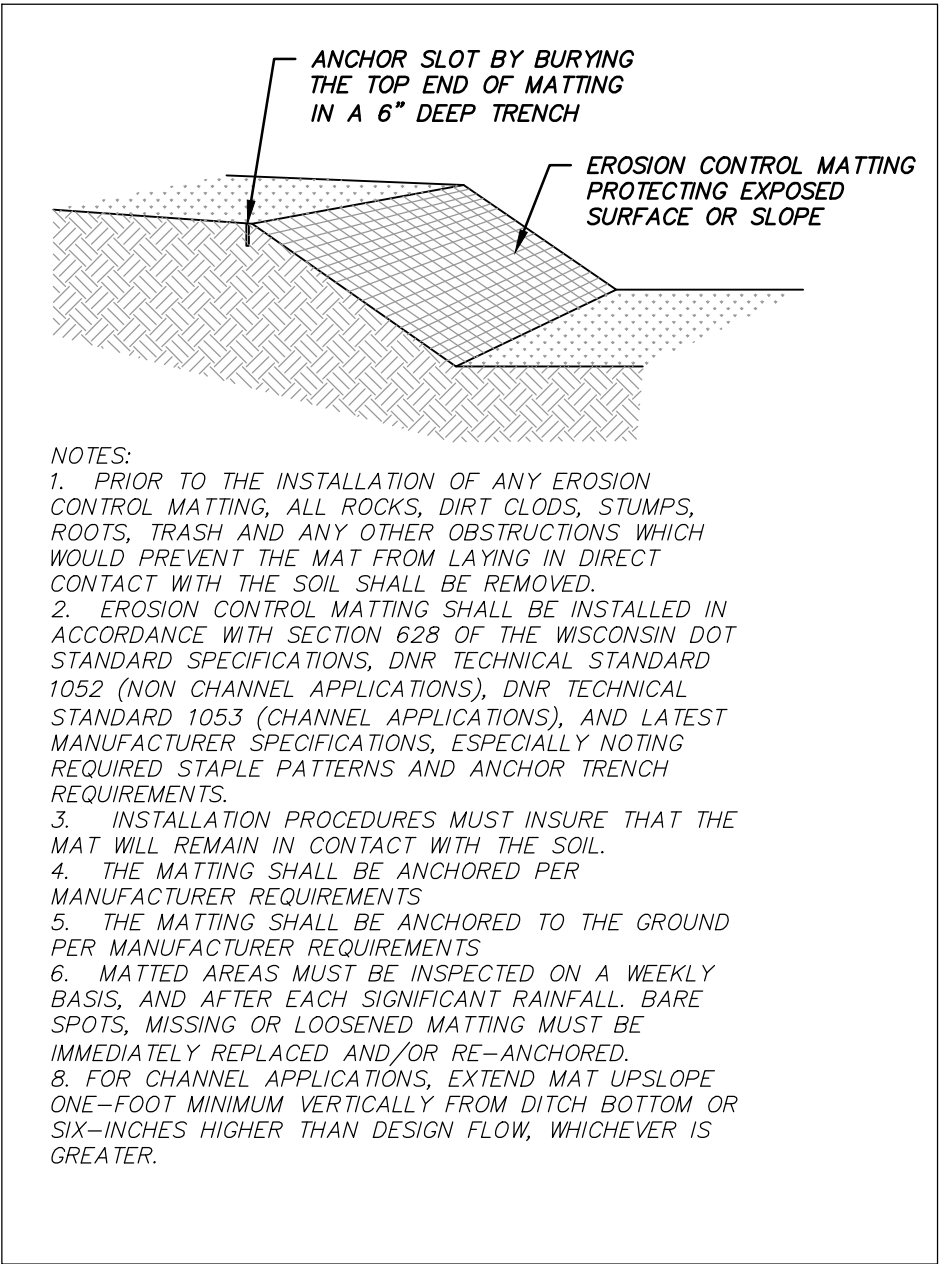
RIPRAP SHALL COMPLY WITH THE SECTION 606 OF THE STATE OF WISCONSIN STANDARD FOR HIGHWAY AND STRUCTURE CONSTRUCTION.

PLAN VIEW CONTOURS AND GRADES REPRESENT PROPOSED TOP OF RIPRAP ELEVATIONS.

RIPRAP DETAIL

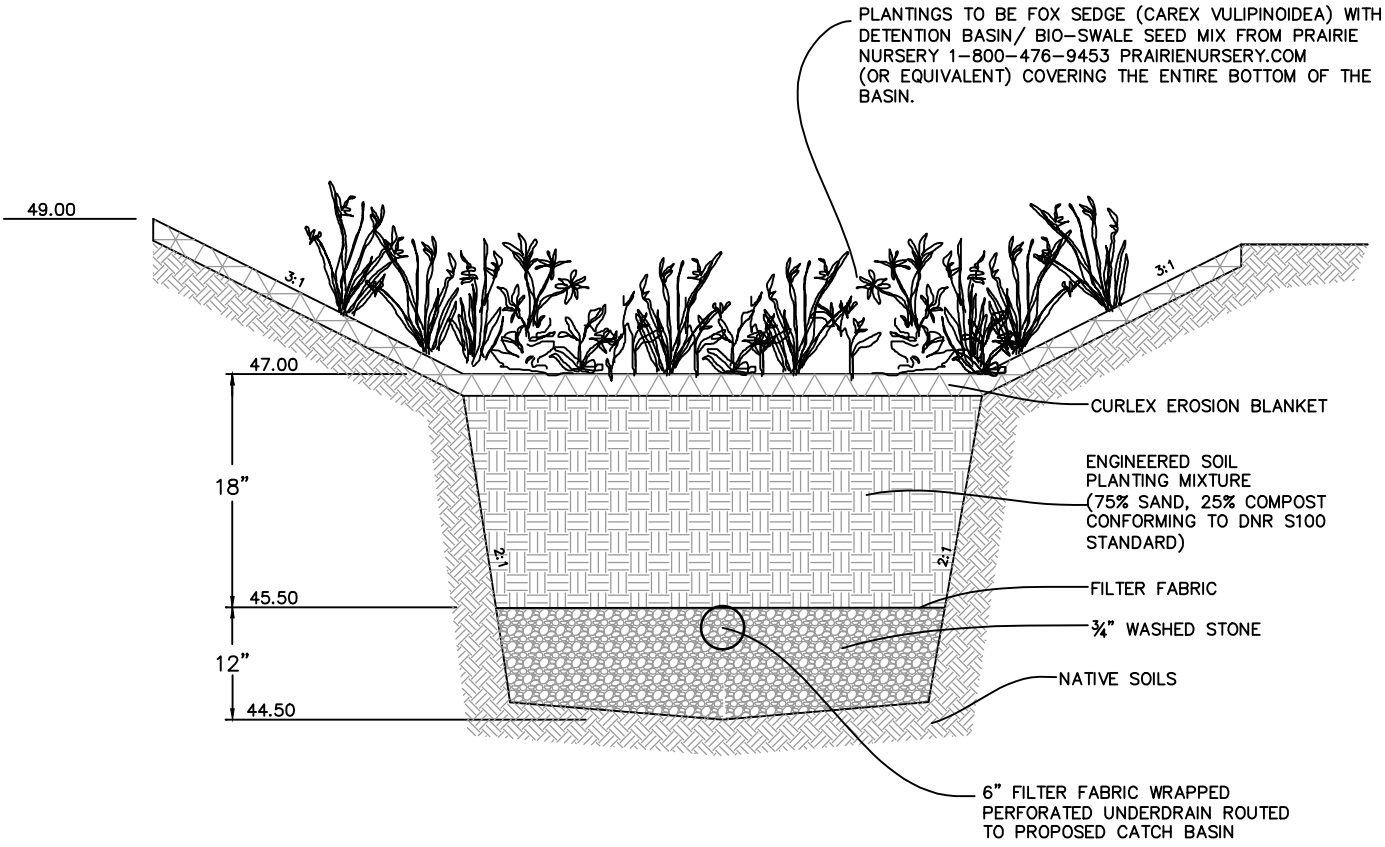


GRASSCRETE DETAIL



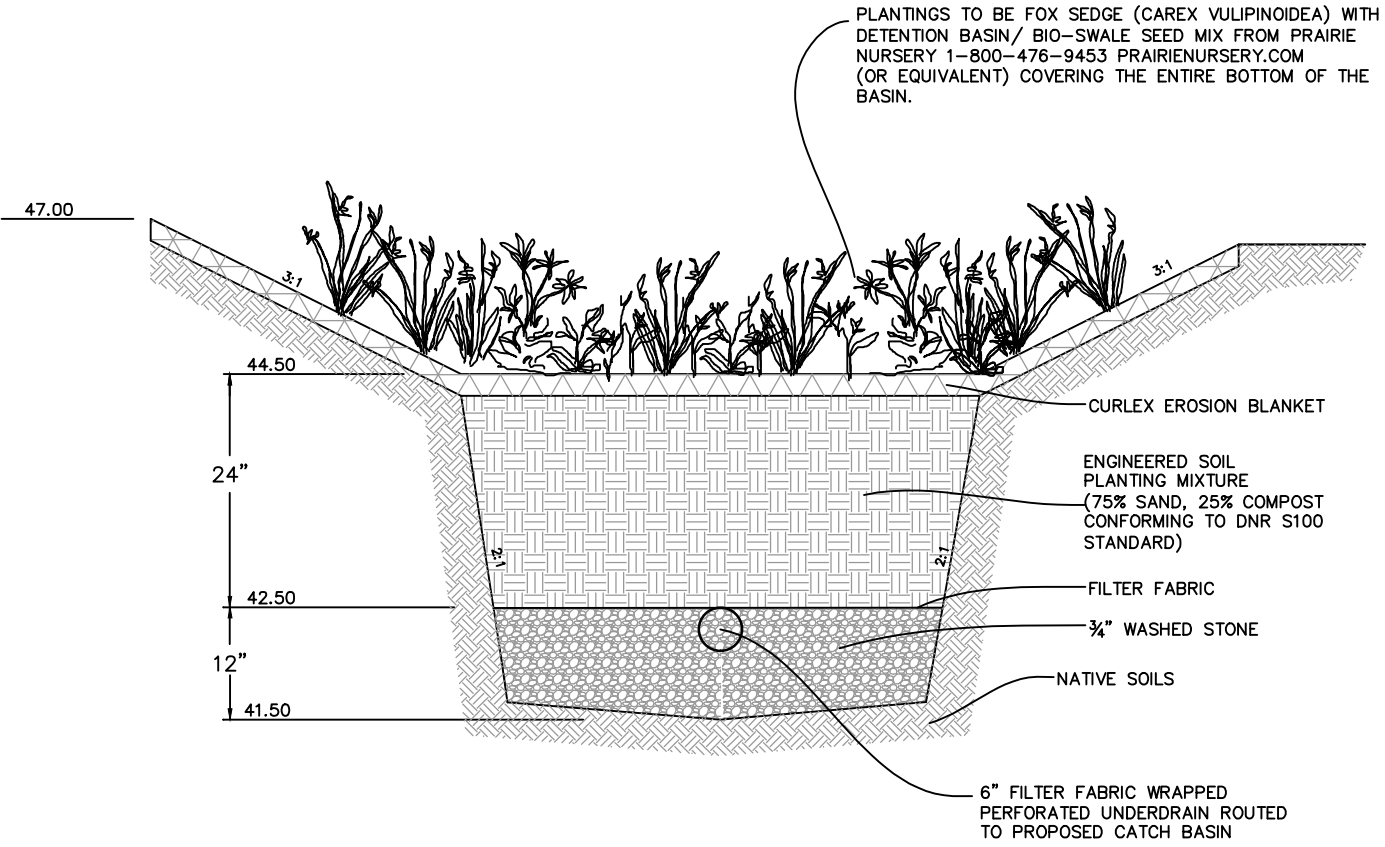
EROSION CONTROL MATTING DETAIL

NOTES:
1. PROVIDE EROSION CONTROL MATTING ON ALL SLOPES 4:1 AND GREATER.



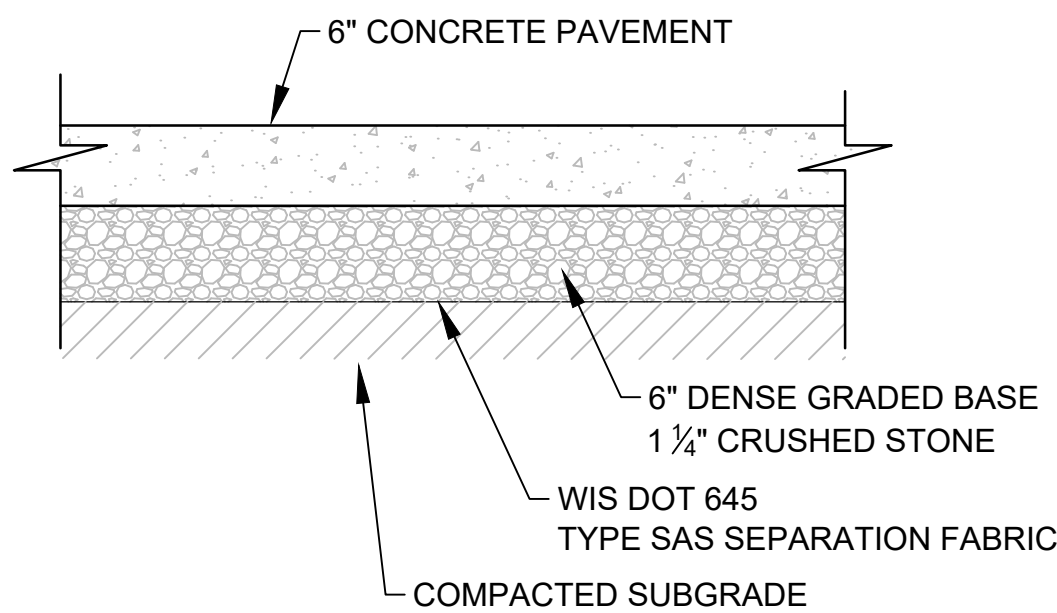
NOTES:
1. CONSTRUCT IN ACCORDANCE WITH MNR TECHNICAL STANDARDS.
2. IF USING SUPPLIER PROVIDED SOIL MIX, PRIOR TO CONSTRUCTION CONTRACTOR SHALL SUBMIT TO ENGINEER SUPPLIER CERTIFICATION THAT THE SOIL MIXTURE & COMPOST USED IN BIORETENTION BASIN MEET S100 AND 1004 REQUIREMENTS.
3. IF MIXING SOIL USING ON-SITE SAND, COORDINATE WITH OWNER'S GEOTECHNICAL ENGINEER TO IDENTIFY WHAT ON-SITE SAND TO USE. DOCUMENT WHAT ON-SITE SAND WAS USED. SUBMIT PROPOSED SOIL MIXING METHOD THAT WILL ENSURE PROPER MIXING. SUBMIT SAMPLE OF MIXED MATERIAL TO GEOTECHNICAL ENGINEER.
4. IF MIXING SOIL USING ON-SITE SAND, PRIOR TO CONSTRUCTION CONTRACTOR SHALL SUBMIT TO ENGINEER SUPPLIER CERTIFICATION THAT THE COMPOST USED IN BIORETENTION BASIN MEETS S100 REQUIREMENTS.
2. FOLLOWING SITE STABILIZATION, IF THERE ARE ANY CLOGGED/PONDING AREAS WITHIN THE BIORETENTION BASIN, THOSE AREAS SHALL HAVE THE TOP 1 FOOT OF MATERIAL REMOVED AND REPLACED WITH NEW ENGINEERED SOIL AND MULCH.

BIORETENTION B-1 DETAIL



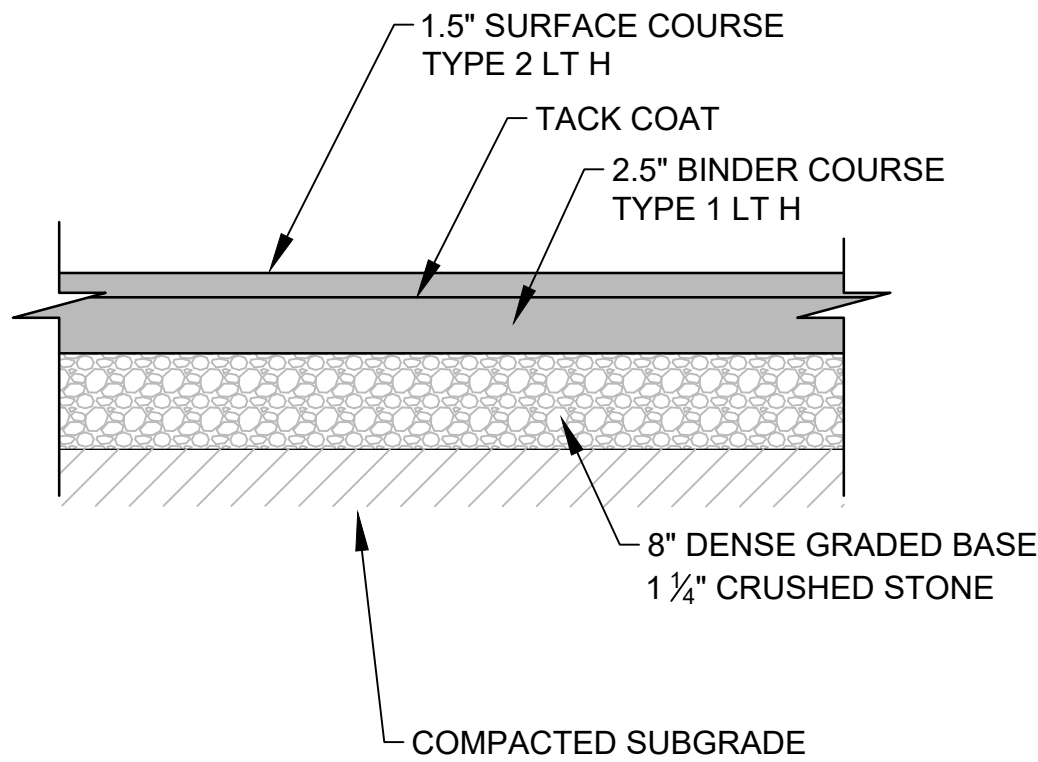
NOTES:
1. CONSTRUCT IN ACCORDANCE WITH MNR TECHNICAL STANDARDS.
2. IF USING SUPPLIER PROVIDED SOIL MIX, PRIOR TO CONSTRUCTION CONTRACTOR SHALL SUBMIT TO ENGINEER SUPPLIER CERTIFICATION THAT THE SOIL MIXTURE & COMPOST USED IN BIORETENTION BASIN MEET S100 AND 1004 REQUIREMENTS.
3. IF MIXING SOIL USING ON-SITE SAND, COORDINATE WITH OWNER'S GEOTECHNICAL ENGINEER TO IDENTIFY WHAT ON-SITE SAND TO USE. DOCUMENT WHAT ON-SITE SAND WAS USED. SUBMIT PROPOSED SOIL MIXING METHOD THAT WILL ENSURE PROPER MIXING. SUBMIT SAMPLE OF MIXED MATERIAL TO GEOTECHNICAL ENGINEER.
4. IF MIXING SOIL USING ON-SITE SAND, PRIOR TO CONSTRUCTION CONTRACTOR SHALL SUBMIT TO ENGINEER SUPPLIER CERTIFICATION THAT THE COMPOST USED IN BIORETENTION BASIN MEETS S100 REQUIREMENTS.
2. FOLLOWING SITE STABILIZATION, IF THERE ARE ANY CLOGGED/PONDING AREAS WITHIN THE BIORETENTION BASIN, THOSE AREAS SHALL HAVE THE TOP 1 FOOT OF MATERIAL REMOVED AND REPLACED WITH NEW ENGINEERED SOIL AND MULCH.

BIORETENTION B-2 DETAIL



TYPICAL CONCRETE PAVEMENT
NOT TO SCALE

NOTES:
1. A GEOTECHNICAL REPORT WILL BE COMPLETED PRIOR TO CONSTRUCTION. THE ABOVE DETAILS ARE SHOWN FOR REFERENCE ONLY.



TYPICAL ASPHALT PAVEMENT
NOT TO SCALE

NOTES:
1. A GEOTECHNICAL REPORT WILL BE COMPLETED PRIOR TO CONSTRUCTION. THE ABOVE DETAILS ARE SHOWN FOR REFERENCE ONLY.

BLUE BAY RESTAURANT REDEVELOPMENT

DETAIL SHEET

927 MAIN STREET
MUKWONAGO, WI 53149

REV.	DATE:	1	2	3	4	5	6

Endpoint Solutions

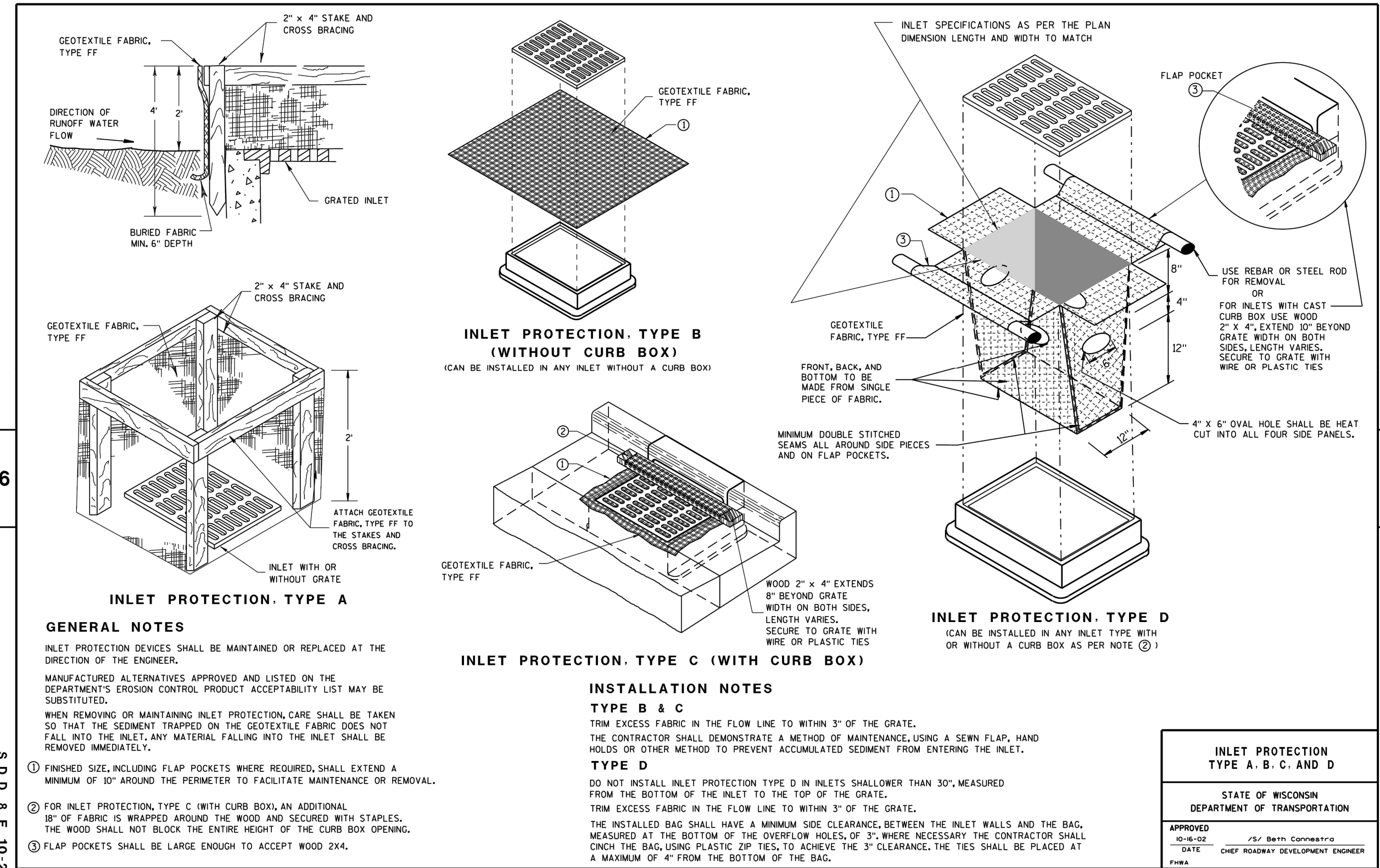
6871 S. LOVERS LANE
FRANKLIN, WI 53132
PHONE: (414) 427-1200

DRAWN BY: NWD/JAH DATE:
CHECKED BY: JAH 12/03/2021
APPROVED BY:

PROJECT NO.
666-001-001

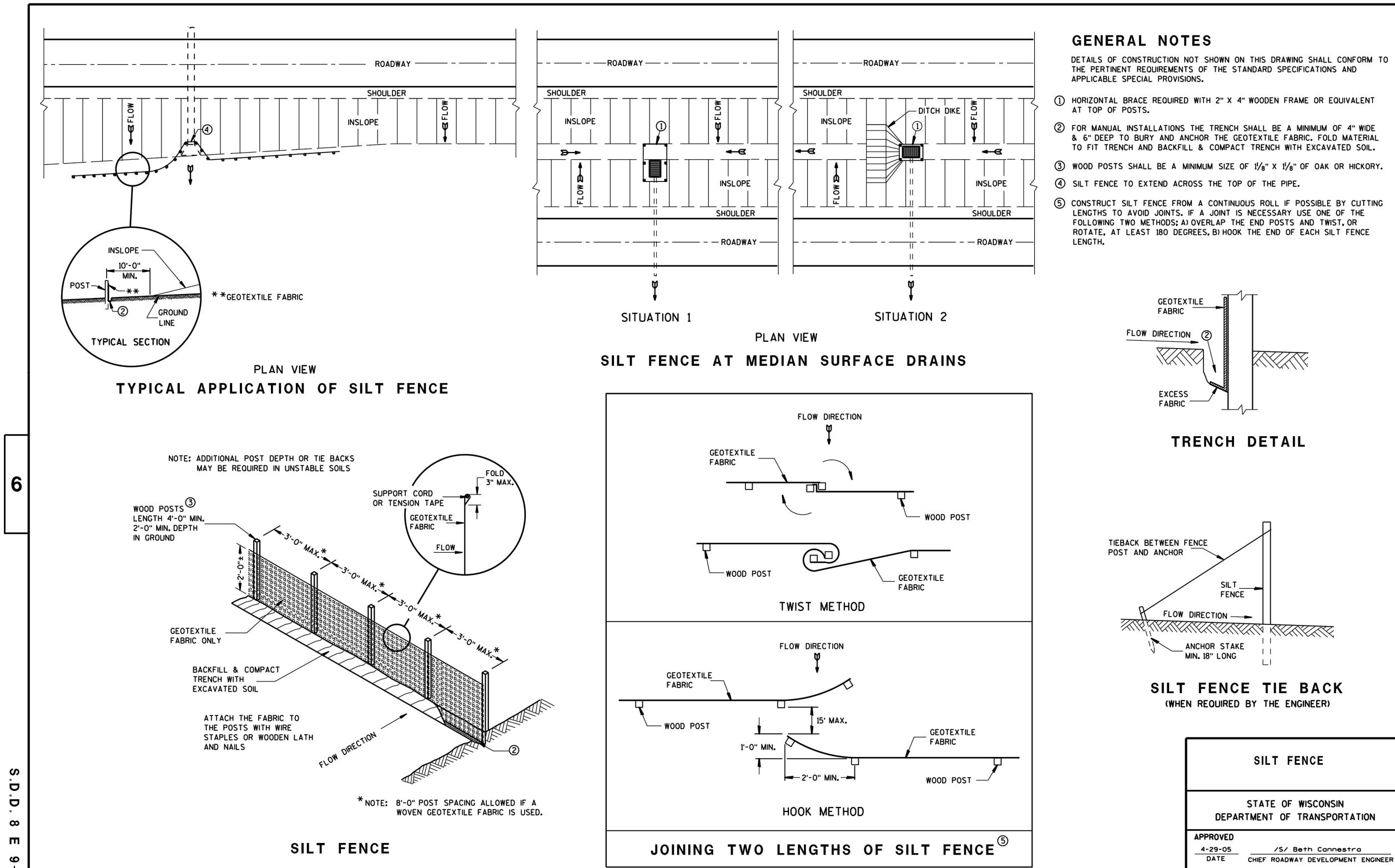
SHEET NO.
C5

8E10: Inlet Protection Type A, B, C and D



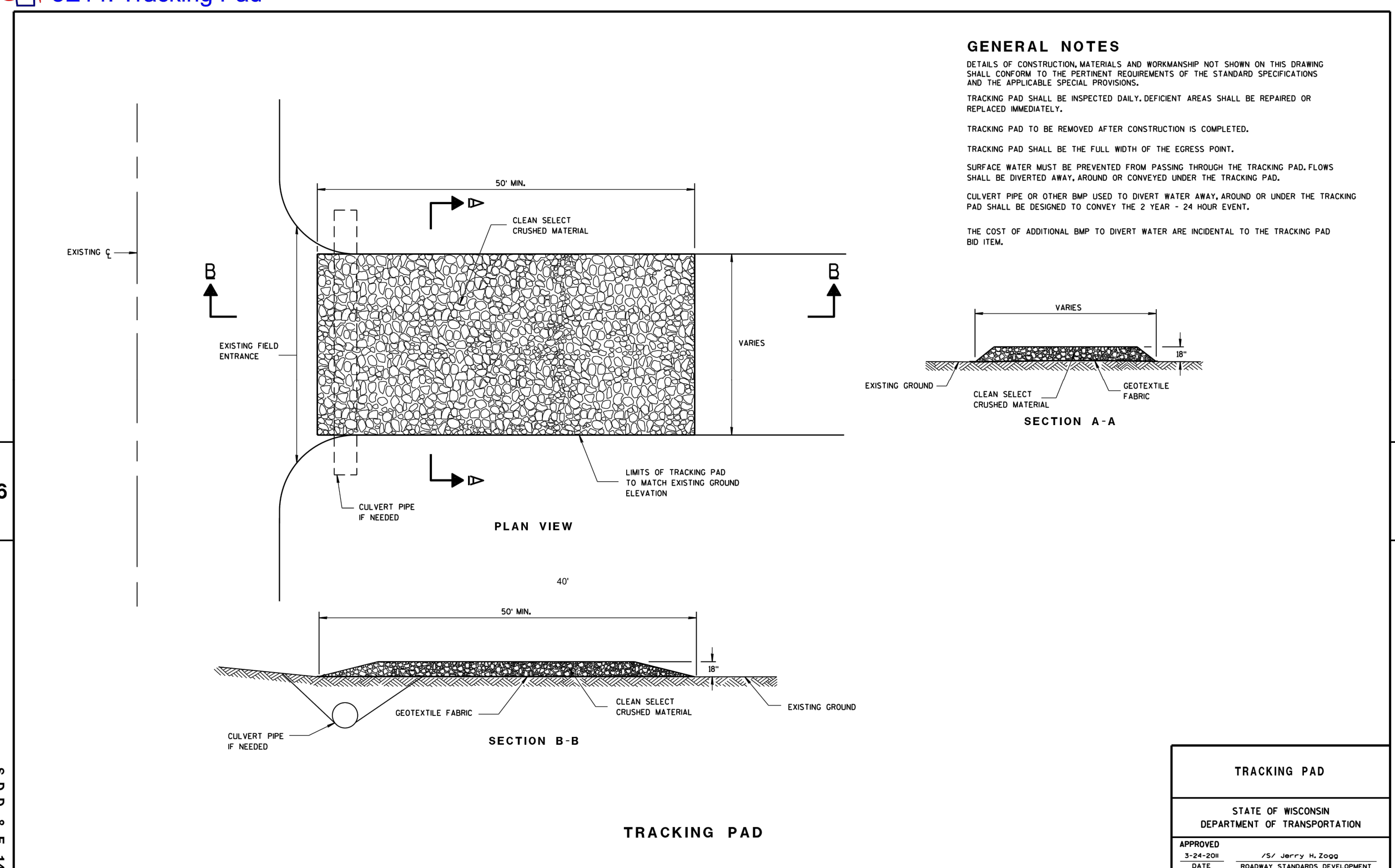
INLET PROTECTION
NOT TO SCALE

8E9: Silt Fence

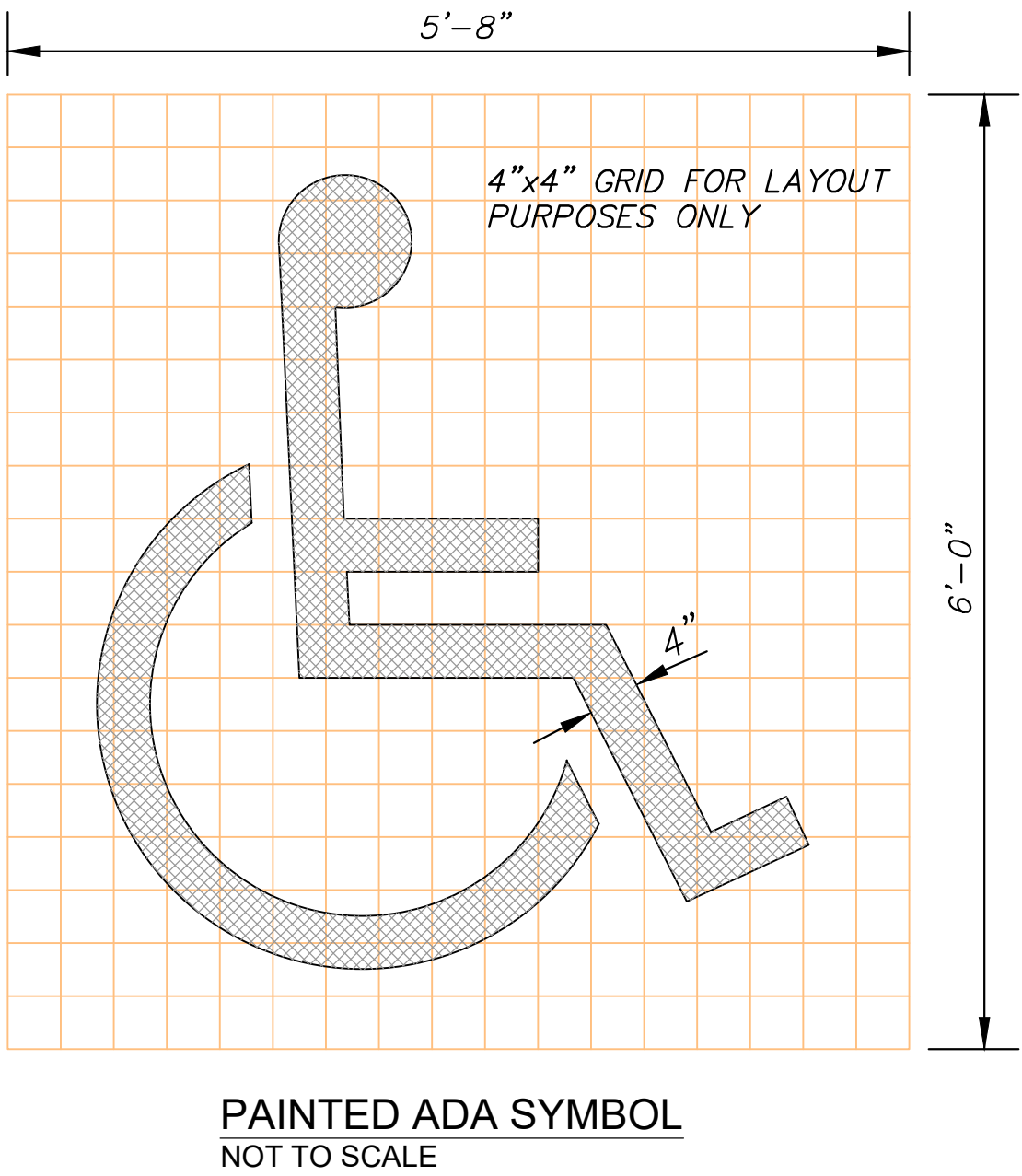


SILT FENCE
NOT TO SCALE

8E14: Tracking Pad



TRACKING PAD
NOT TO SCALE



ACCESSIBLE PARKING SIGN
NOT TO SCALE

PARKING LOT
DIRECTIONAL ARROW
NOT TO SCALE

BLUE BAY RESTAURANT REDEVELOPMENT

DETAIL SHEET
927 MAIN STREET
MUKWONAGO, WI 53149

DRAWN BY: NWD/JAH
CHECKED BY: JAH
APPROVED BY:

PROJECT NO.
666-001-001

SHEET NO.
C6

Endpoint Solutions

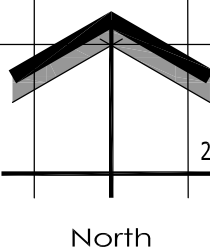
6871 S. LOVERS LANE
FRANKLIN, WI 53132
PHONE: (414) 427-1200

REV.	DATE
6	
5	
4	
3	
2	
1	
0	



LSP 1.1

1. INFORMATION PERTAINING TO EXISTING CONDITIONS GIVEN ON THESE LANDSCAPE DRAWINGS REPRESENTS TO THE BEST OF OUR KNOWLEDGE THE ACTUAL EXISTING FIELD CONDITIONS. INSITE LANDSCAPE DESIGN, INC. MAKES NO WARRANTY AS TO THEIR ACCURACY. CONTRACTOR TO FIELD VERIFY EXISTING CONDITIONS PRIOR TO BEGINNING OF THEIR NEW WORK. REPORT ANY DISCREPANCIES BETWEEN THE DRAWINGS AND FIELD CONDITIONS TO THE LANDSCAPE ARCHITECT FOR REVIEW. ANY WORK PERFORMED PRIOR TO RESOLUTION OF DISCREPANCIES BY THE LANDSCAPE ARCHITECT IS SUBJECT TO REMOVAL AND REPLACEMENT AT NO ADDITIONAL COST TO THE CONTRACT.
2. THE LOCATIONS OF EXISTING UTILITY INSTALLATIONS AS SHOWN ON THIS PLAN ARE APPROXIMATE. THERE MAY BE UNDERGROUND UTILITY INSTALLATIONS WITHIN THE PROJECT AREA OF DISTURBANCE THAT ARE NOT SHOWN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE EXISTENCE AND LOCATION OF ALL UNDERGROUND UTILITIES.
3. VERIFY ALL EXISTING CONDITIONS, DIMENSIONS, AND ALIGNMENT OF WALLS, BENCHES, AND OTHER STRUCTURES. REPORT ANY DISCREPANCIES TO THE LANDSCAPE ARCHITECTS ATTENTION PRIOR TO FABRICATION / CONSTRUCTION BEGINS.
4. VERIFY LOCATION OF ALL EXISTING MECHANICAL AND ELECTRICAL EQUIPMENT FOR ACCESSIBILITY OF MECHANICAL & ELECTRICAL ITEMS. VERIFY LOCATIONS OF ALL BURIED UTILITIES AND STRUCTURES AND LOCATIONS OF ALL OVERHEAD WIRES.
5. VERIFY LOCATION OF ALL EXISTING EASEMENTS.
6. INSITE LANDSCAPE DESIGN, INC. ASSUMES NO RESPONSIBILITY FOR DAMAGES, LIABILITY OR COSTS RESULTING FROM CHANGES OR ALTERATIONS MADE TO THIS PLAN WITHOUT THE EXPRESSED WRITTEN CONSENT OF INSITE LANDSCAPE DESIGN, INC.



North



927 Main Street
Mukwonago, WI 53149

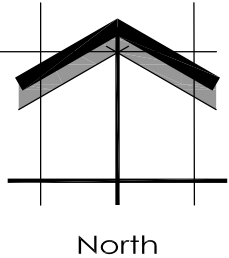
12/03/21
Plan Commission
Submittal

PROPOSED PARTIAL LANDSCAPE PLAN, AND PLANT MATERIAL TABLE

Sheet Number:

LSP1.2

1. Straight central leader, full & even crown. Prune only after planting.
2. Well balanced, multi-stemmed tree with a minimum of (3) strong canes and full appearance.
3. Prune existing tree, remove any dead, diseased or hazardous limbs. Thin out as required and raise canopy for safety and viability for both pedestrians and motorists.
4. Evenly shaped upright tree/shrub with full branching to the ground.
5. Full, well rooted plant, evenly shaped,
6. Full, well rooted plant.
7. Male only



1 PROPOSED PARTIAL LANDSCAPE PLAN

Project:

BLUE BAY
RESTAURANT
REDEVELOPMENT

927 Main Street
Mukwonago, WI 53149

Issuance and Revisions:

Date	Number	Description
12/03/21		Plan Commission Submittal

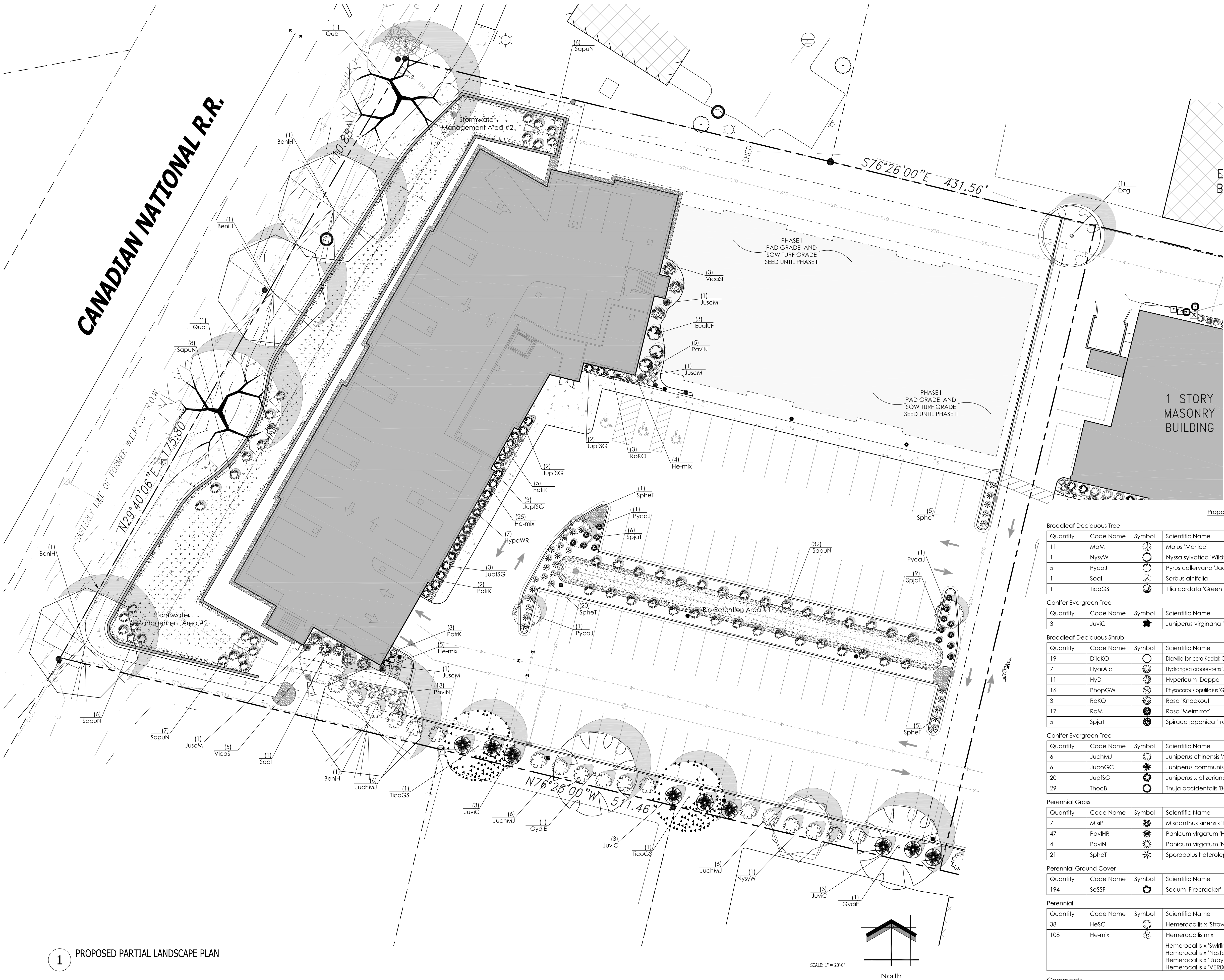
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Sheet Title:

PROPOSED PARTIAL
LANDSCAPE PLAN,
AND PLANT MATERIAL TABLE

Date of Drawing:	12/03/21
Scale:	1" = 20'-0"
Drawn By:	MCD
Job Number:	L21-013
Sheet Number:	

LSP1.3



Proposed Plant Material Table LSP1.2

Quantity	Code Name	Symbol	Scientific Name	Common Name	Planting Size	Comments
11	MaM	☼	Malus 'Mortlee'	Maline Flowering Crab	2'-Cal - B&B	1
1	NysW	☼	Nyssa sylvatica 'Wildfire'	Wildfire Black Gum	2'-Cal - B&B	1
5	Pycal	☼	Pyrus calleryana 'Jazzam'	Jack Flowering Pear	2'-Cal - B&B	1
1	Saal	☼	Sorbus alnifolia	Korean mountain ash	2'-Cal - B&B	1
1	TicoGS	☼	Tilia cordata 'Green Spire'	Green Spire Linden	2 1/2'-Cal - B&B	1

Quantity	Code Name	Symbol	Scientific Name	Common Name	Planting Size	Comments
3	Juvic	☼	Juniperus virginiana 'Cupressifolia'	Hillspire Juniper	5' - 6' - B&B	4

Quantity	Code Name	Symbol	Scientific Name	Common Name	Planting Size	Comments
19	DlaKO	☼	Diervilla lonicera Kodak Orange	Kodak Orange Bush Honeysuckle Diervilla	18" - Cont	5
7	HyaAlc	☼	Hydrangea arborescens 'Abetwa'	Incrediball Smooth Hydrangea	18" - 24" - Cont	5
11	HyD	☼	Hypericum 'Deppes'	Sunny Boulevard St. John's Wort	18" - Cont	5
14	PhapGW	☼	Physocarpus opulifolius 'Ginger Wine'	Ginger Wine Ninebark	18" - 24" - Cont	5
3	RaKO	☼	Rosa 'Knockout'	Knock Out Rose	18" - Cont	5
17	RoM	☼	Rosa 'Meimiro'	Apricot Drift Groundcover Ros	18" - Cont	5
5	Spiat	☼	Spiraea japonica 'Tracy'	Double Play Big Bang Spirea	18" - Cont	5

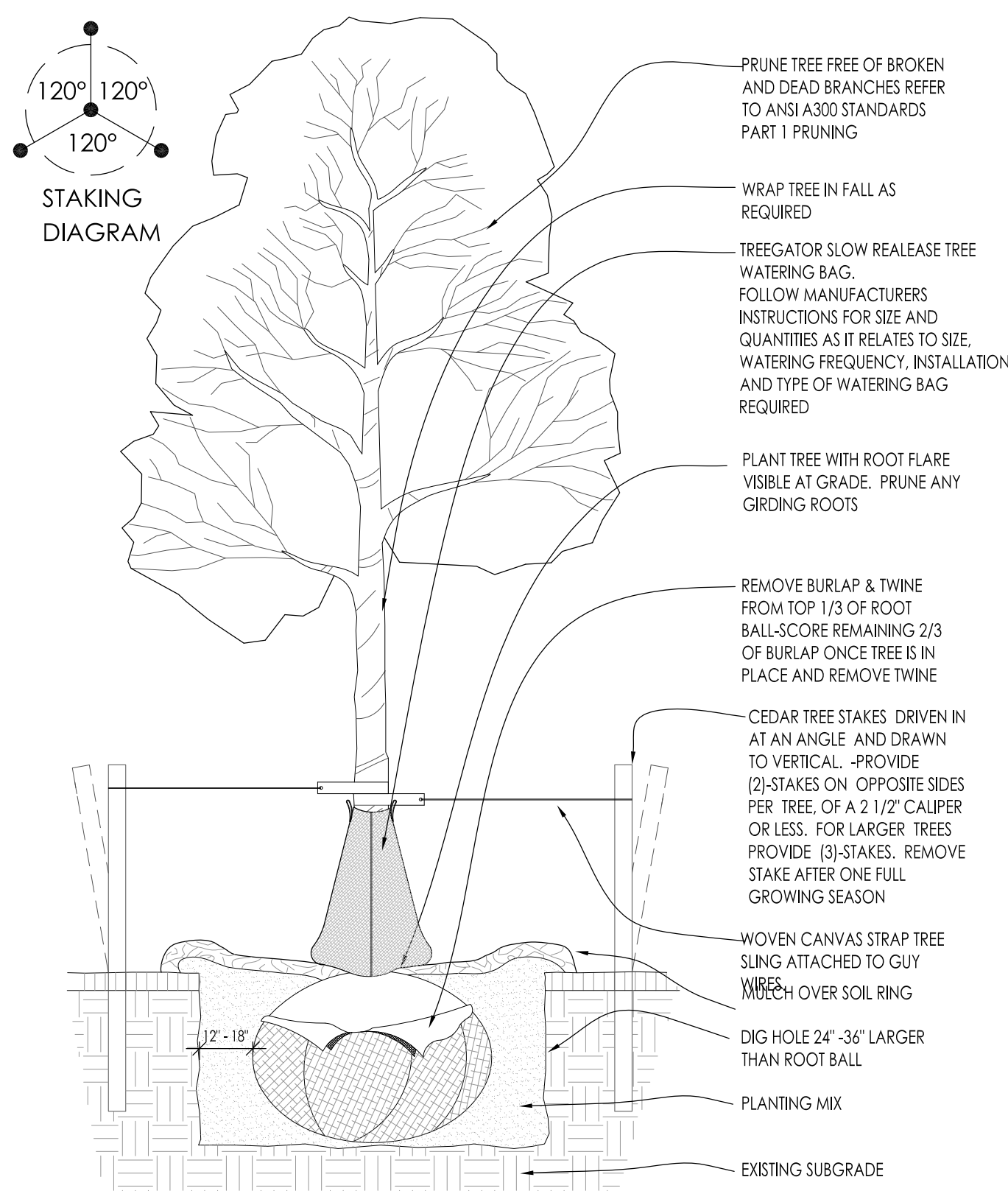
Quantity	Code Name	Symbol	Scientific Name	Common Name	Planting Size	Comments
6	JuchMJ	☼	Juniperus chinensis 'Mint julep'	Mint julep juniper	18" - 24" - B&B	5
6	JucoGC	☼	Juniperus communis 'Gold Cone'	Gold Cone Juniper	18" - 24" - Cont	5
20	JupISG	☼	Juniperus x pfizeriana 'MonSan'	Sea of Gold Juniper	18" - 24" - B&B	5
29	ThacB	☼	Thuja occidentalis 'Bobazam'	Mr. Bowling Ball Arborvitae	18" - 24" - Cont	5

Quantity	Code Name	Symbol	Scientific Name	Common Name	Planting Size	Comments
7	MisP	☼	Miscanthus sinensis 'Purpurascens'	Purple Silver Grass	1-Gal - Cont	6
47	PavHR	☼	Panicum virgatum 'Hot Rod'	Hot Rod Switch Grass	1-Gal - Cont	6
4	PavIN	☼	Panicum virgatum 'Northwind'	Northwind Switch Grass	1-Gal - Cont	6
21	SpheT	☼	Sporobolus heterolepis 'Tara'	Tara Prairie Dropseed	1-Gal - Cont	6

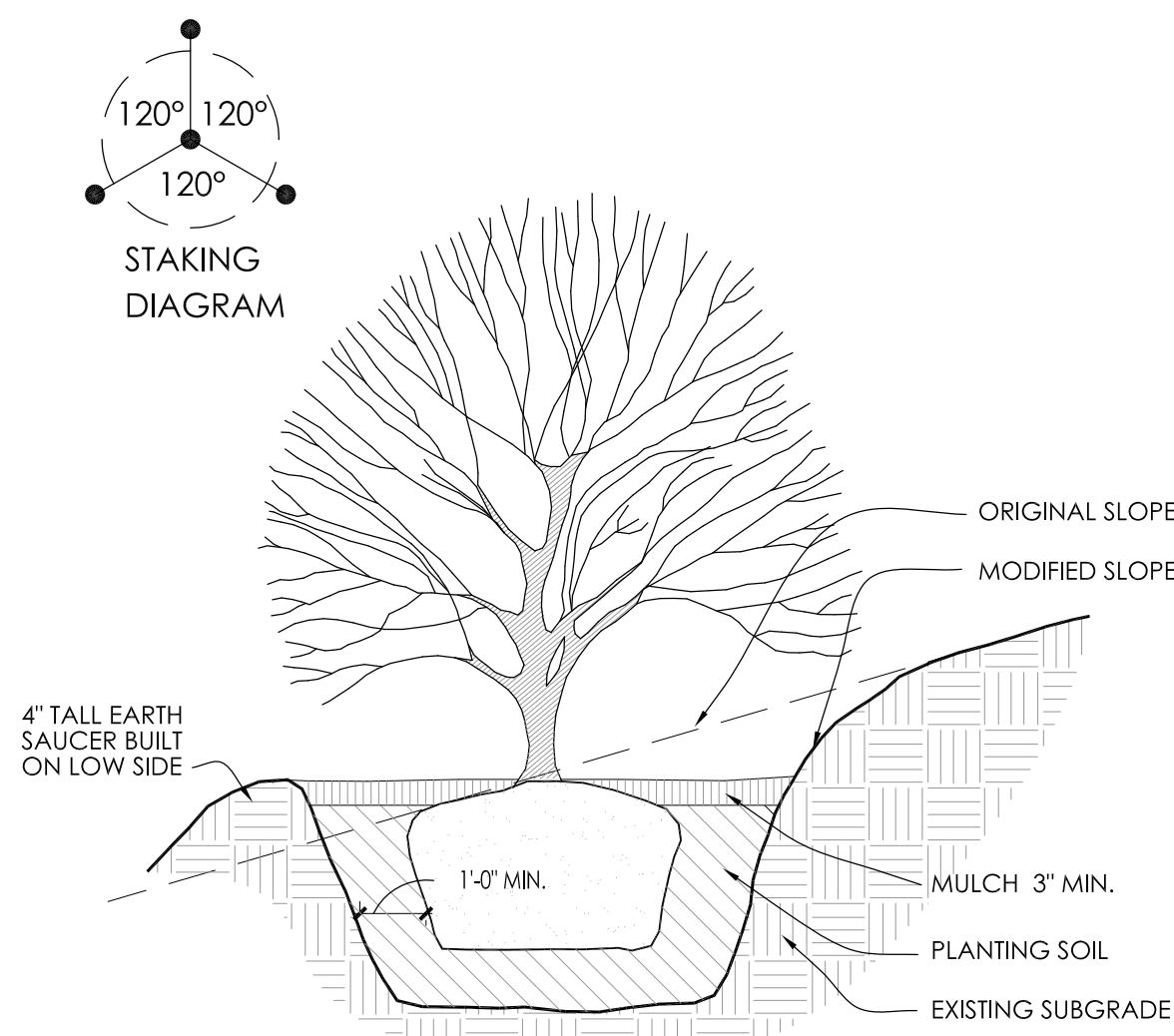
Quantity	Code Name	Symbol	Scientific Name	Common Name	Planting Size	Comments
194	SeSSF	☼	Sedum 'Firecracker'	SunSparkler Firecracker Sedum	4 1/2" pot	6

Quantity	Code Name	Symbol	Scientific Name	Common Name	Planting Size	Comments
38	HeSC	☼	Hemerocallis x 'Strawberry Candy'	Strawberry Candy Daylily	4 1/2" pot	6
108	He-mix	☼	Hemerocallis mix	Equal Random Mix of Daylily	4 1/2" pot	6
			Hemerocallis x 'Swirling Water'	Swirling Water Daylily		
			Hemerocallis x 'Nosferatu'	Trophytaker Nosferatu Daylily		
			Hemerocallis x 'Ruby Spider'	Ruby Spider Daylily EveryDaylily		
			Hemerocallis x 'VER00204'	Yellow Punch Daylily		

- Comments
1. Straight central leader, full & even crown. Prune only after planting.
 2. Well balanced, multi-stemmed tree with a minimum of (3) strong canes and full appearance.
 3. Prune existing tree, remove any dead, diseased or hazardous limbs. Thin out as required and raise canopy for safety and viability for both pedestrians and motorists.
 4. Evenly shaped upright tree/shrub with full branching to the ground.
 5. Full, well rooted plant, evenly shaped.
 6. Full, well rooted plant.
 7. Male only

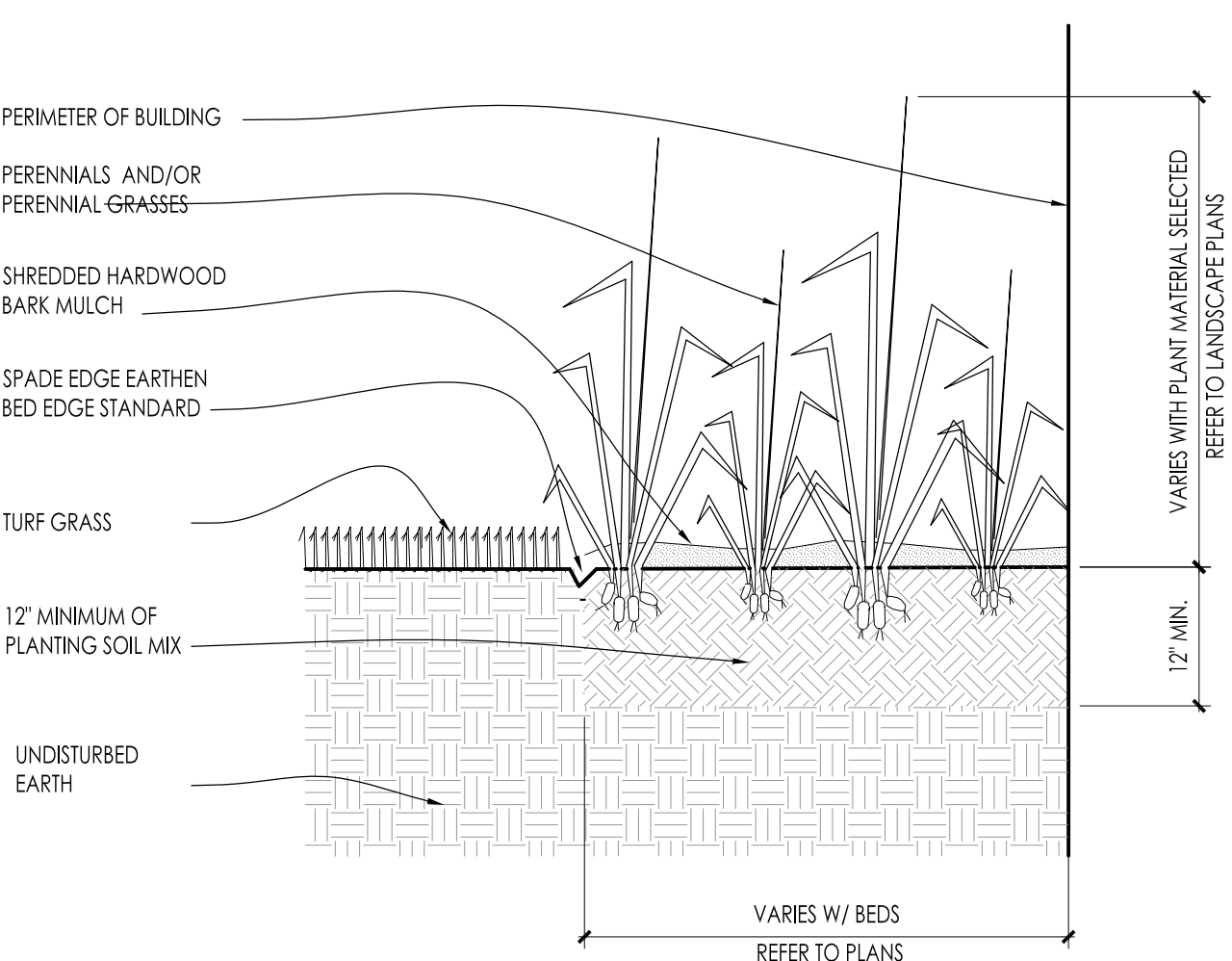


1 DECIDUOUS TREE PLANTING DETAIL SCALE: NONE

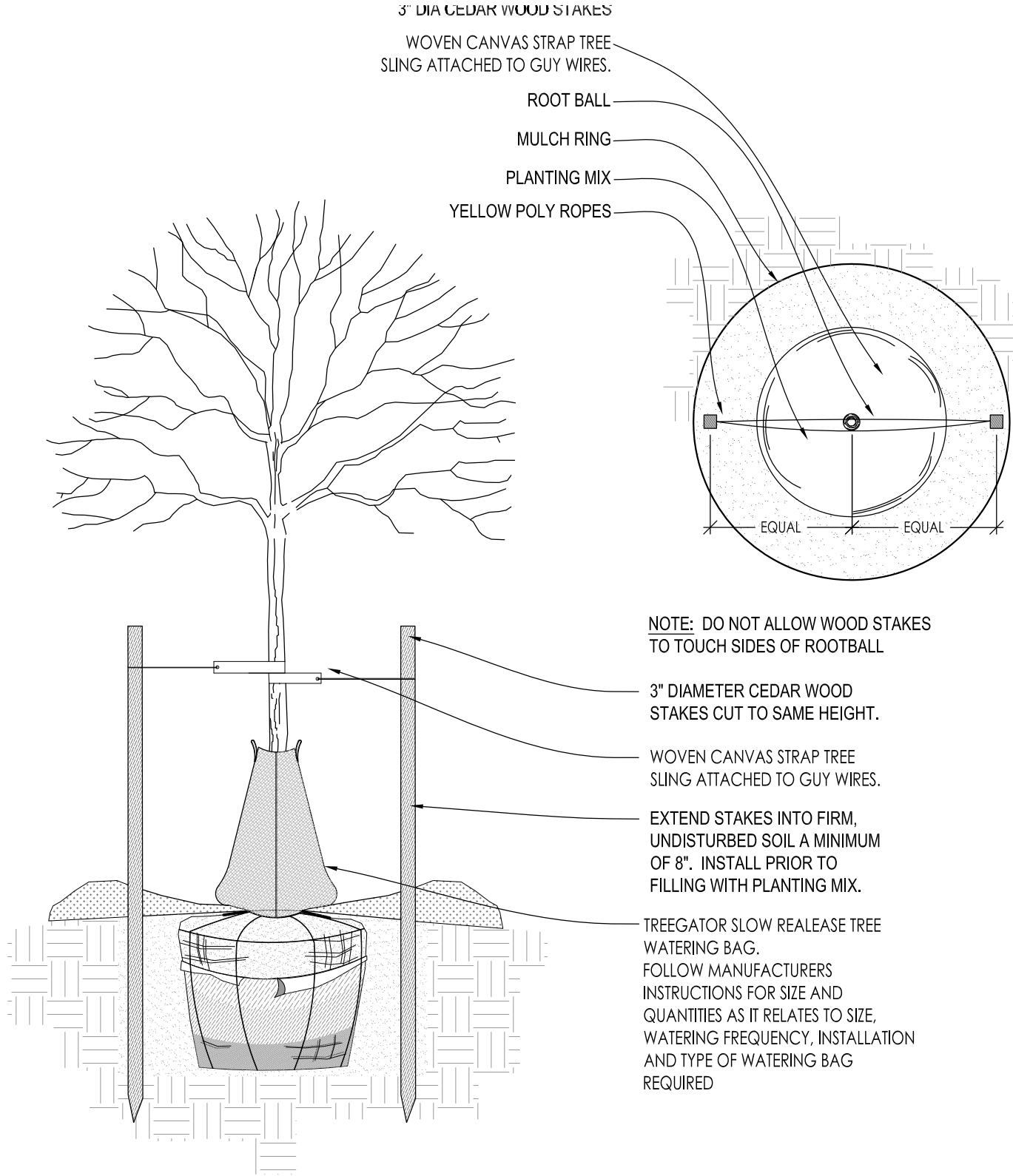


5 SLOPE PLANTING DETAIL SCALE: NONE

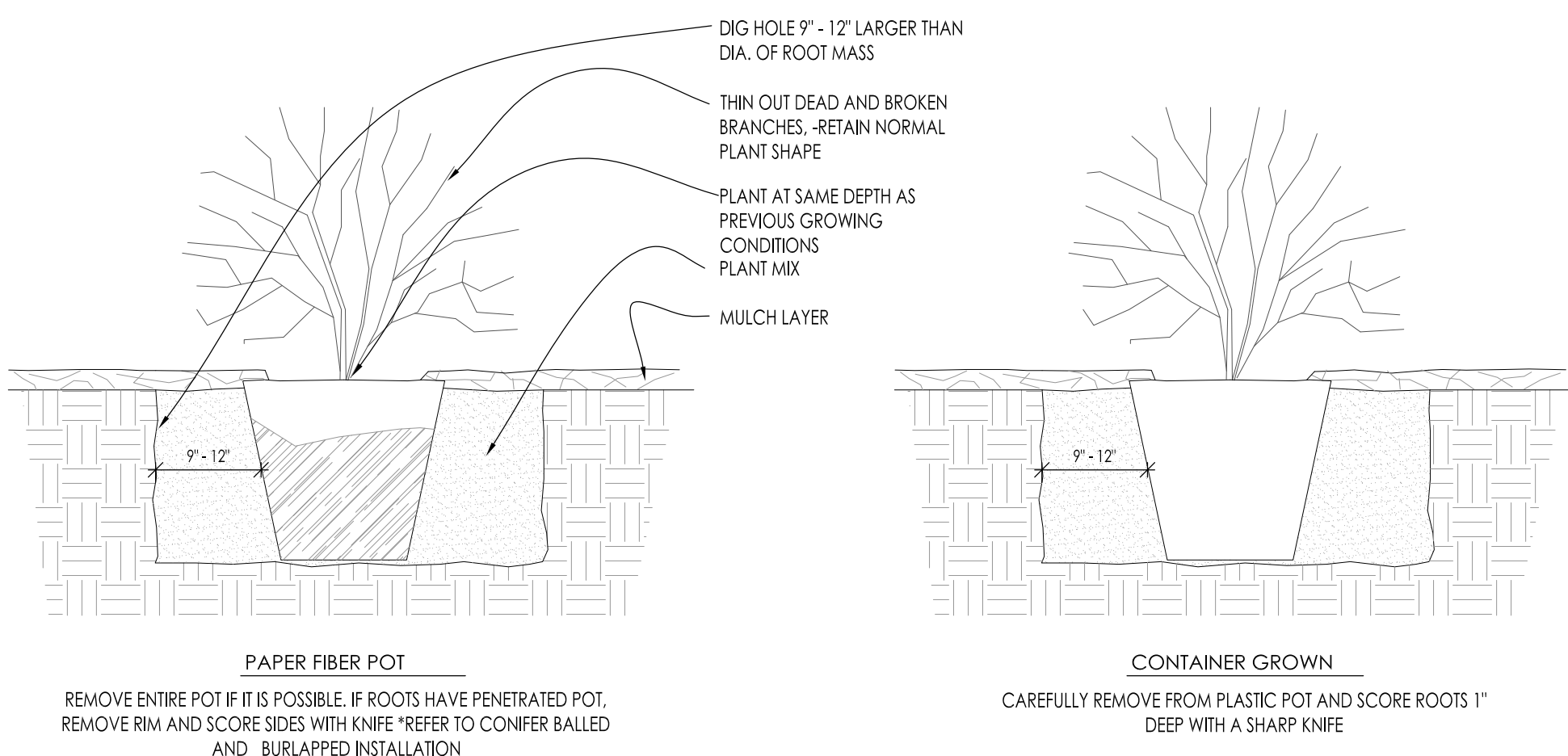
REFER TO TYPICAL DECIDUOUS TREE DETAIL FOR STAKING



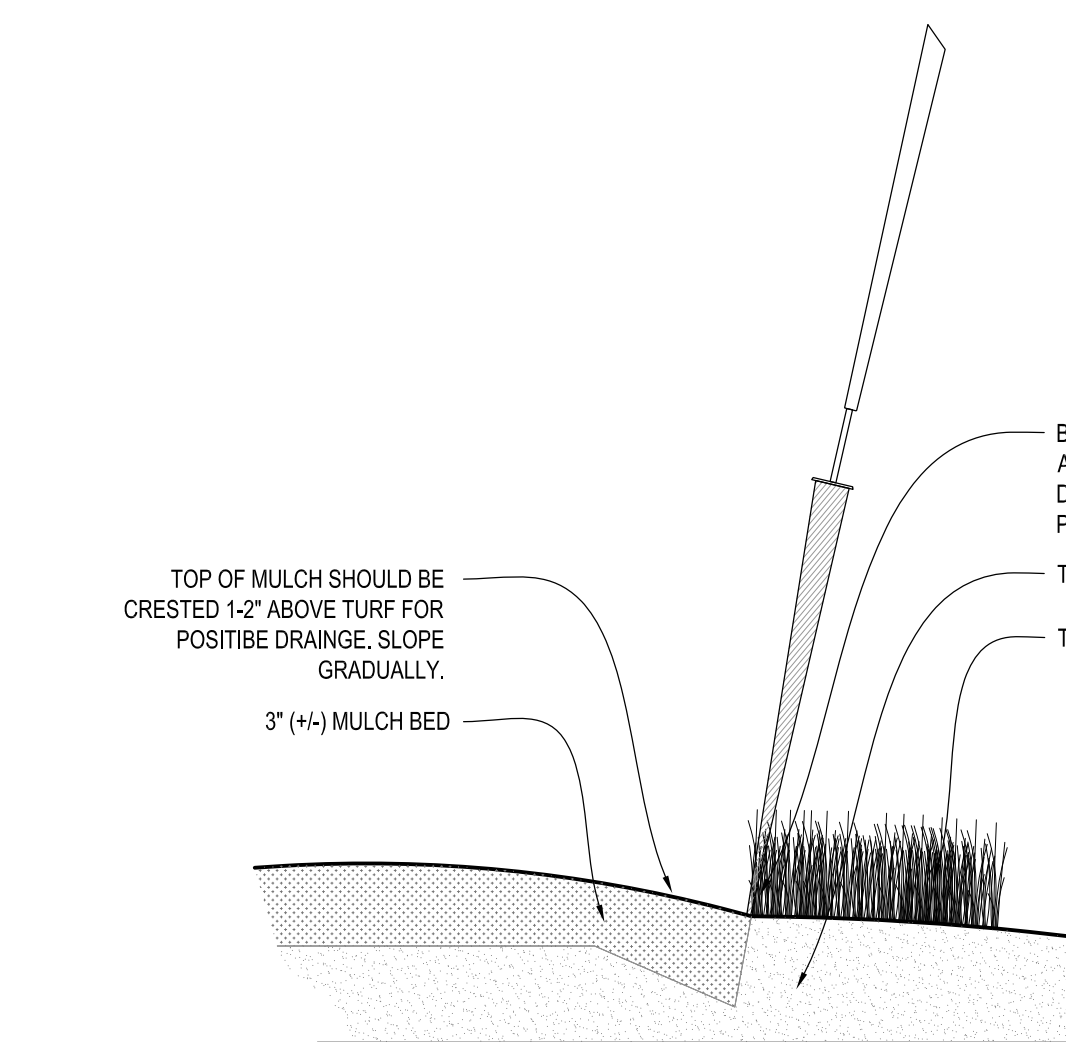
8 PERENNIAL BED PLANTING DETAIL SCALE: NONE



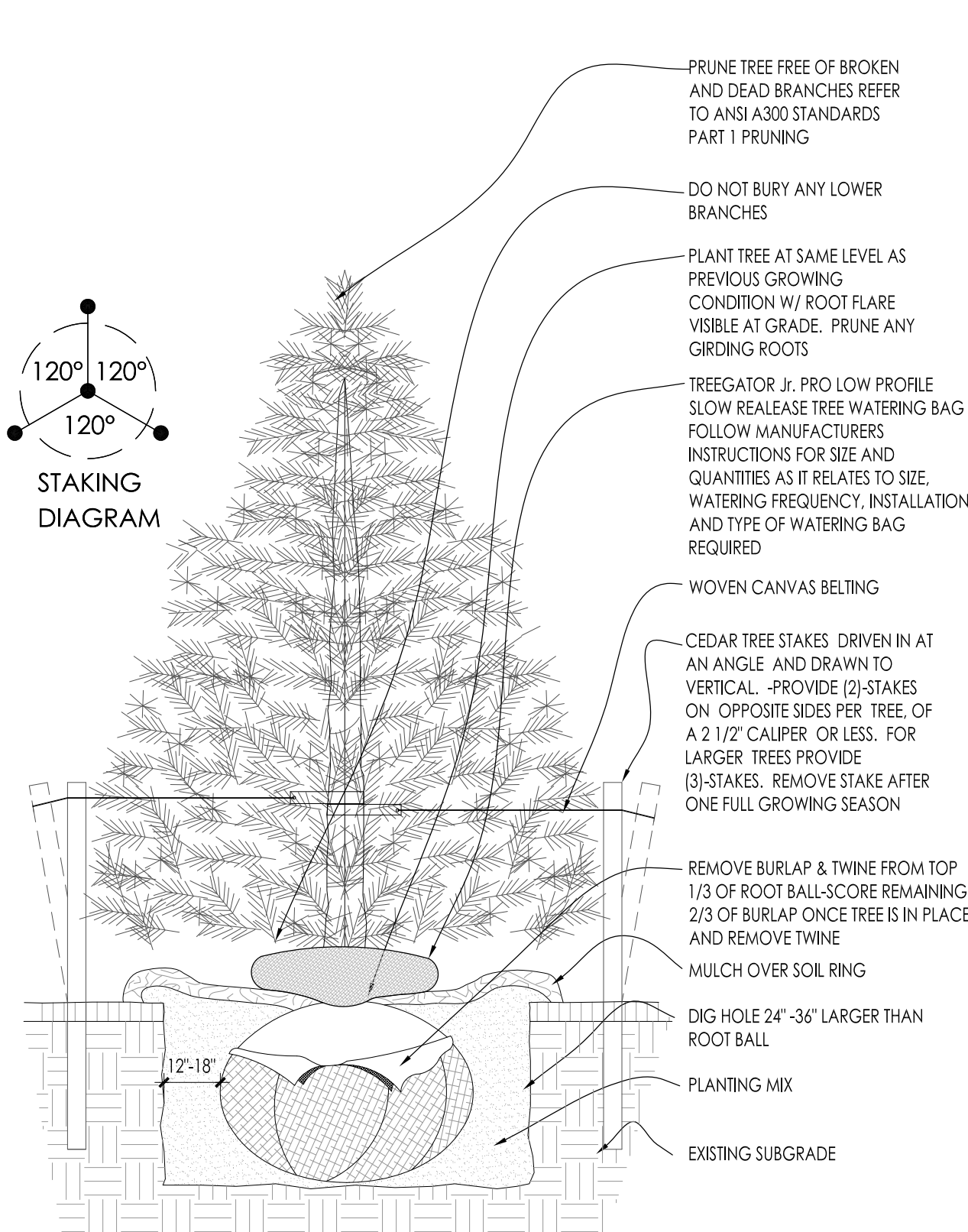
2 DECIDUOUS TREE STAKING PARKING ISLAND/RESTRICTED AREAS SCALE: NONE



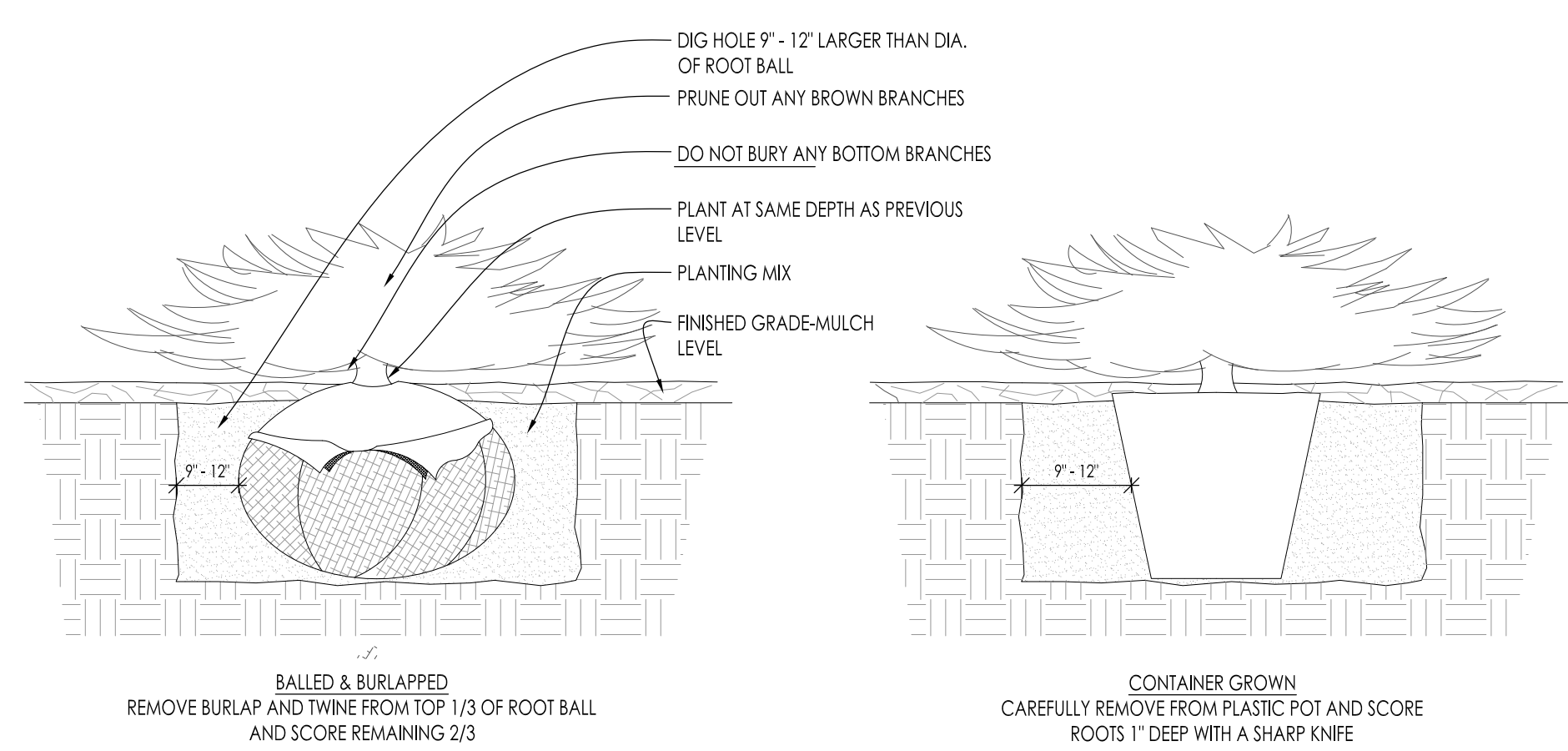
6 DECIDUOUS SHRUB PLANTING DETAIL SCALE: NONE



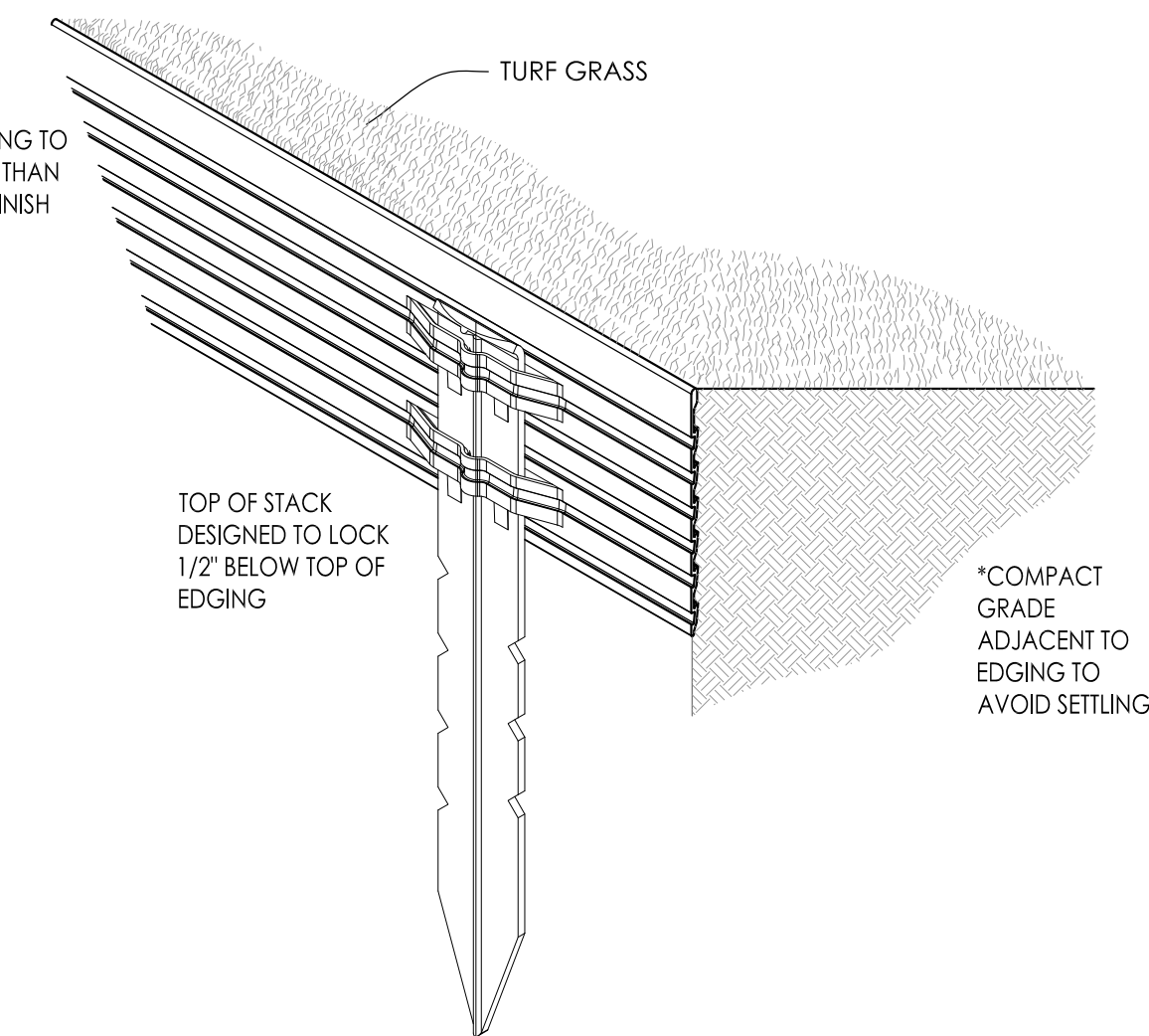
9 SPADE EDGE PLANT BED EDGE DETAIL SCALE: NONE



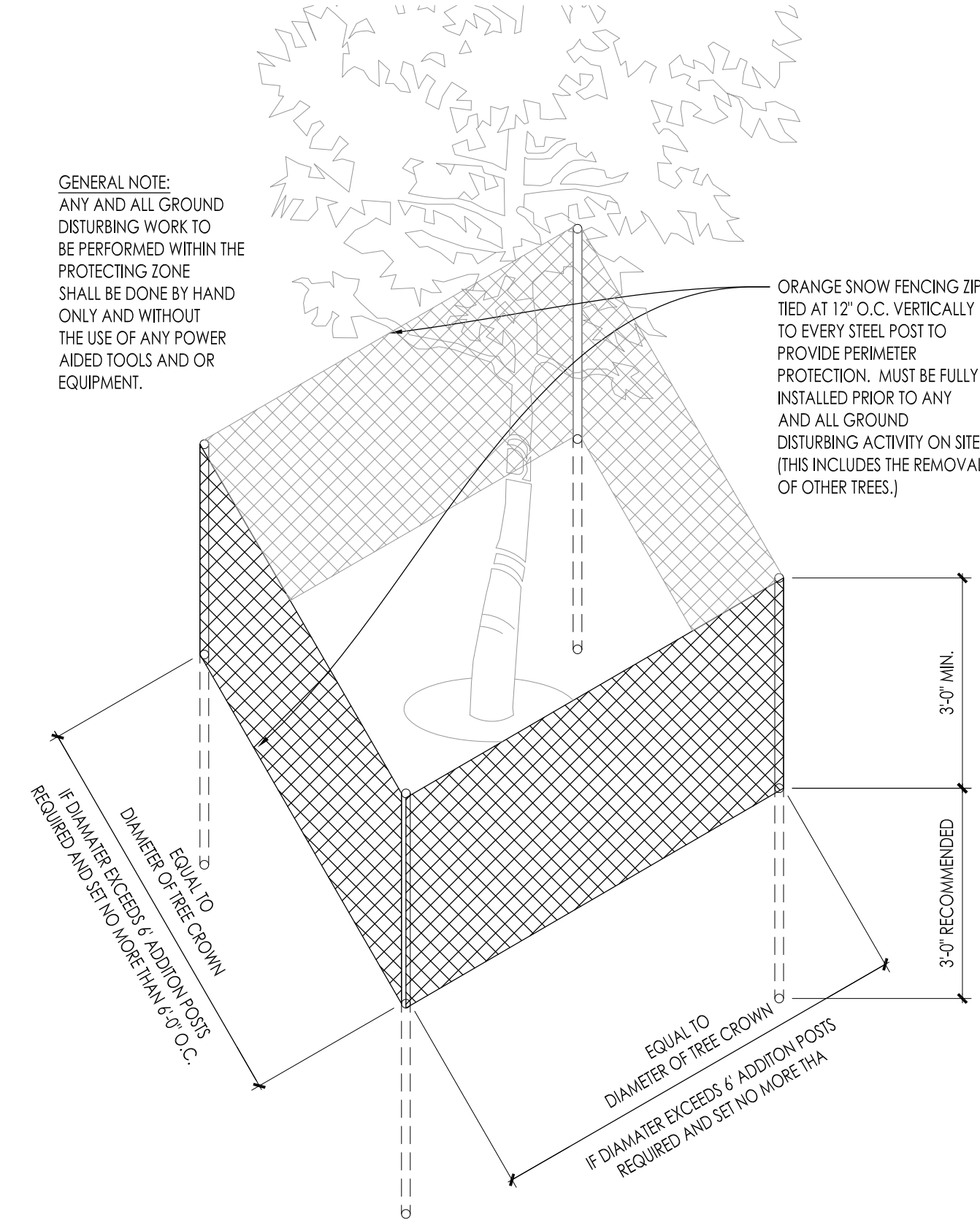
3 CONIFEROUS TREE PLANTING DETAIL SCALE: NONE



7 CONIFEROUS SHRUB PLANTING DETAIL SCALE: NONE



10 METAL LANDSCAPE EDGING DETAIL SCALE: 1/2" = 1'-0"



4 EXISTING TREE PROTECTION DETAIL SCALE: NONE

InSITE
LANDSCAPE DESIGN
Landscape Consulting
& Master Planning Design Services
11525 W. North Avenue, Suite 1B
Wauwatosa, WI 53226
Tel (414) 476-1204
www.insitedesigninc.com
mdavis@insitedesigninc.com

Project:

BLUE BAY RESTAURANT REDEVELOPMENT

927 Main Street
Mukwonago, WI 53149

Issuance and Revisions:

Date	Number	Description
12/03/21		Plan Commission Submittal

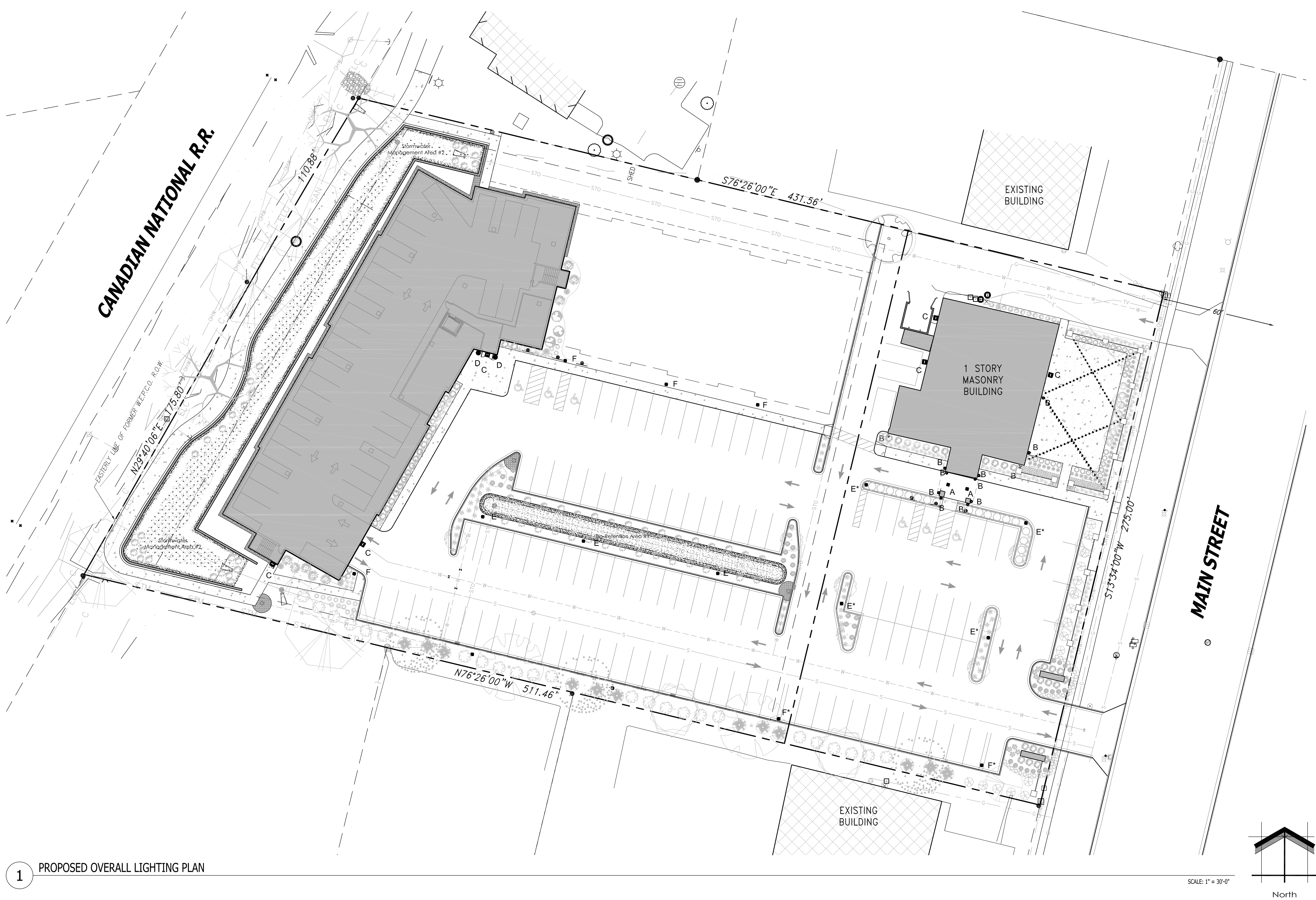
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Sheet Title:

PROPOSED LANDSCAPE PLAN,
PLANTING DETAILS

Date of Drawing:	12/03/21
Scale:	As Noted
Drawn By:	MCD
Job Number:	L21-013
Sheet Number:	

LSP1.4



1 PROPOSED OVERALL LIGHTING PLAN

EXISTING CONDITIONS GENERAL NOTES:

1. INFORMATION PERTAINING TO EXISTING CONDITIONS GIVEN ON THESE ARCHITECTURAL DRAWINGS REPRESENTS TO THE BEST OF OUR KNOWLEDGE THE ACTUAL EXISTING FIELD CONDITIONS. INSITE LANDSCAPE DESIGN, INC. MAKES NO WARRANTY AS TO THEIR ACCURACY. CONTRACTOR TO FIELD VERIFY EXISTING CONDITIONS IMPERATIVE TO THEIR NEW WORK. REPORT ANY DISCREPANCIES BETWEEN THE DRAWINGS AND FIELD CONDITIONS TO THE LANDSCAPE ARCHITECT FOR REVIEW. ANY WORK PERFORMED PRIOR TO RESOLUTION OF DISCREPANCIES BY THE LANDSCAPE ARCHITECT IS SUBJECT TO REMOVAL AND REPLACEMENT AT NO ADDITIONAL COST TO THE CONTRACT.
2. VERIFY ALL EXISTING CONDITIONS, DIMENSIONS, AND ALIGNMENT OF WALLS. BRING ANY DISCREPANCIES TO THE LANDSCAPE ARCHITECTS ATTENTION PRIOR TO FABRICATION / CONSTRUCTION BEGINS.
3. VERIFY LOCATION OF ALL EXISTING UNDERGROUND UTILITIES I.E. WATER, SEWER, TELECOMMUNICATION AND ACCESS PANELS w/ MECHANICAL AND ELECTRICAL EQUIPMENT FOR ACCESSIBILITY OF MECHANICAL & ELECTRICAL ITEMS.

PHOTOMETRIC GENERAL NOTES:

1. BASED ON THE INFORMATION PROVIDED, ALL DIMENSIONS AND LUMINAIRE LOCATIONS SHOWN REPRESENT RECOMMENDED POLE PLACEMENTS AND LUMINAIRE ORIENTATION. THE ENGINEER AND/OR ARCHITECT MUST DETERMINE APPLICABILITY OF THE LAYOUT TO RELEVANT FIELD CONDITIONS.
2. THE DEPICTED ILLUMINATION RESULTS ARE BASED UPON ILLUMINATION MEASUREMENTS AS CALCULATED BY AN INDEPENDENT LABORATORY. LUMINAIRE CHARACTERISTICAL DATA WAS MEASURED UNDER CONTROLLED CONDITIONS IN ACCORDANCE WITH APPROVED ILLUMINATION ENGINEERING SOCIETY METHODS. ACTUAL ON-SITE PERFORMANCE OF ANY MANUFACTURER'S LUMINAIRES MAY VARY FROM LABORATORY TEST RESULTS DUE TO VARIATIONS IN: ELECTRICAL VOLTAGE, TOLERANCE IN LAMPS, AND OTHER VARIABLE FIELD CONDITIONS.
3. IF EXISTING LUMINAIRES ARE INCLUDED IN THIS REPORT, THEIR ILLUMINATION CHARACTERISTICS ARE BASED UPON A COMBINATIONS OF CUSTOMER'S PROVIDED SPECIFICATIONS & OUR BEST ESTIMATIONS.
4. ALL EXISTING AND NEW CONCRETE LIGHT POLE BASES ARE TO HAVE ALL FORM MARKS REMOVED, GROUND FLUSH AND THE SURFACE IS TO BE PROPERLY PREPARED TO RECEIVE A HAND TROWELED, MASONRY SKIM COAT OF APPROPRIATE THICKNESS TO ACHIEVE A DURABLE SURFACE AND LONG LASTING AESTHETIC.

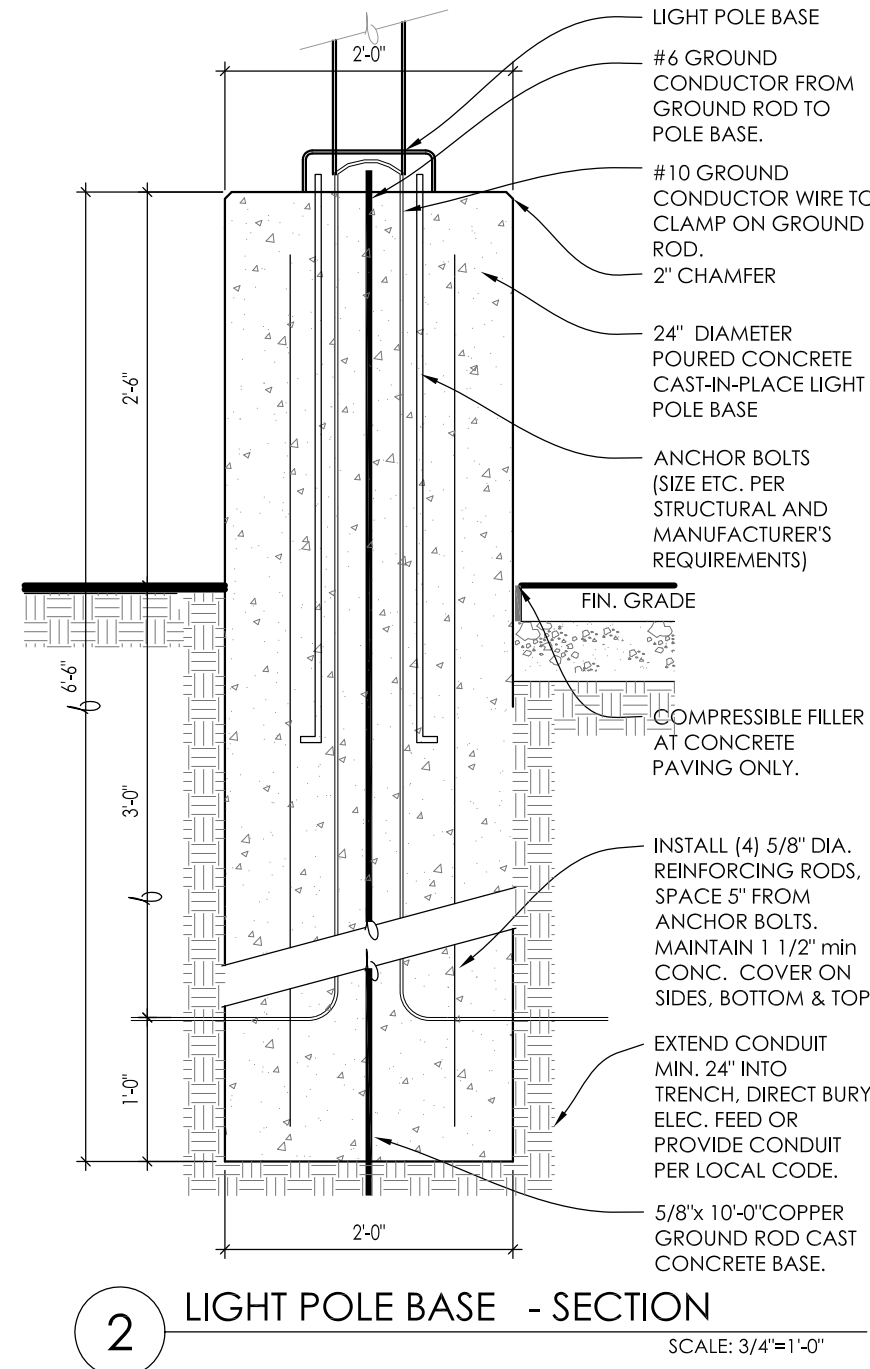
LUMINAIRE SCHEDULE									
Symbol	Label	Qty	Catalog Number	Description	Lamp	File	Lumens	LLF	Watts
	A	2	CPY250-A-DM-F -C-UL-CS	Cree CPY250 Canopy / Soffit Luminaire w- Flat Lens, 122W, 4000K Platinum Silver Factory Finish, Provide Canopy Mounting Plate	72 type XTE AWT LEDs on white square PCB, 4000K color temperature.	CPY250-A-xx-F-A-UL-xx-40K_RESTL-2013-0002.ies	Absolute	1.00	43.4
	B	12	P5642-3030K9-M -C-UL-CS	P5642-3030K9 6" diameter up/down wall mount LED cylinder with LEDs moved closer to opening.	40-Nichia LEDs 3000K	P5642-3030K_160002 0.IES	Absolute	1.00	58
	C	6	XSPW-A-0-3-M -C-UL-CS	Cree XSPW Series Wallpack Luminaire, Type III Medium, 5700K, C Input Power Designator, Platinum Silver factory Finish, U.L. listed for Wet Locations	4 type MDA LEDs	XSPWax3FC-U_RESTL-2014-0018.IES	Absolute	1.00	42.7
	D	2	673-WP-CF2/26-BC	EXTERIOR WALL MOUNT LUMINAIRE WITH WHITE INTERIOR AND WHITE PLASTIC LENS	TWO SYLVANIA 26 WATT CPFL LAMPS	B-LM-63-673.ies	3600	1.00	44

LUMINAIRE SCHEDULE										
Symbol	Label	Qty	Catalog Number	Description	Lamp	File	Lumens	LLF	Watts	
	E	8	1750LED-1L40T4-MDL10-CA	1750LED Medium Chateau, COB LED Type T4	Citizen COB	1750LED-1L40T4-MDL10-CA.IES	Absolute	1.00	75	
	F	8	1750LED-1L40T4-MDL10-CA-SV2C	1750LED Medium Chateau, COB LED Type T4, Clear Acrylic Top Hat Lens	Citizen COB	1750LED-1L40T4-MDL10-CA-SV2C.IES	Absolute	1.00	58.2	
	G	107	LED-S14-CW-GLASS	S14 RETROFIT LED DIMMABLE BISTRO BULB Clear GLASS	120V 60HZ 1.5W 2700K	1004161_IESN A95.IES	182	1.00	1.5	
STATISTICS										
Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min	UG	CV	Avg/Max	
Calc Zone #6	+	1.8 fc	25.4 fc	0.0 fc	N / A	N / A	-1.0	2.2	0.0:1	

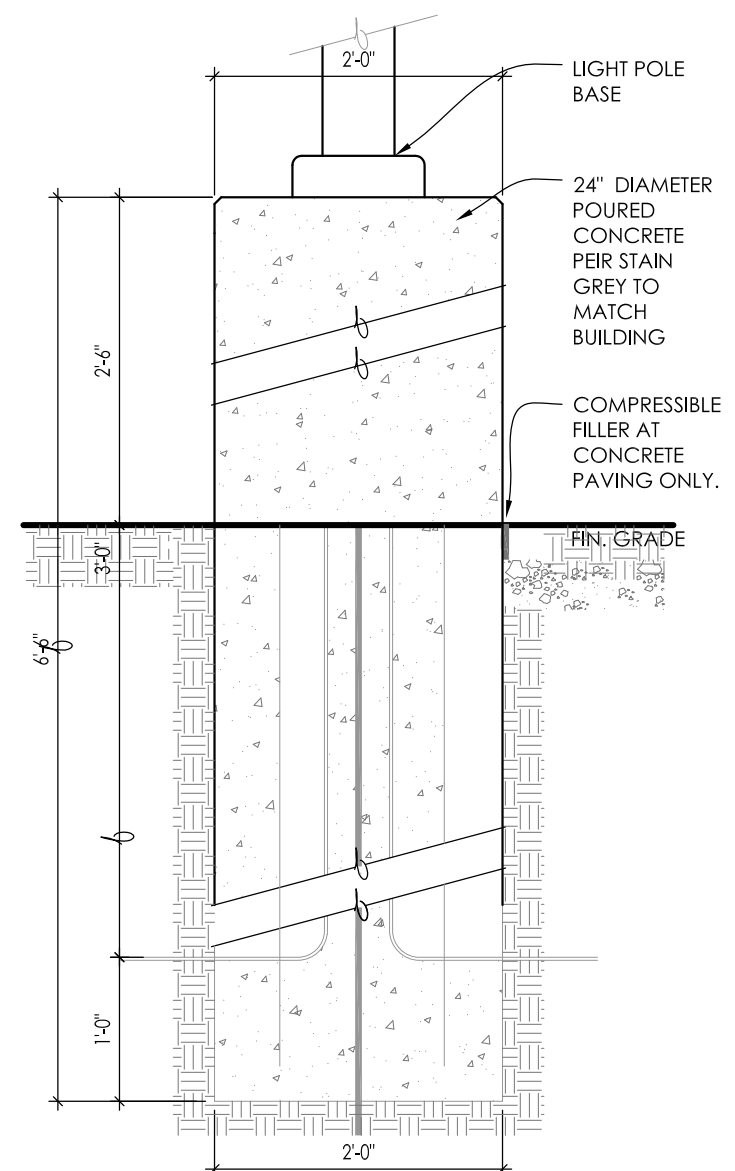
LUMINAIRE NOTES										
1.	FITURE "E" (3) IS A NEW POLE LOCATION. WITH A NEW POST TOP LED 1750 CHATEAU FIXTURE WITH DECORATIVE RINGS, CLEAR LENS, PHOTOCELL CONTROL WITH AN URBAN BRONZE MATTE FINISH ON A 20'-0" TALL URBAN BRONZE MATTE FINISH 4" DIAMETER ROUND STEEL POLE ON TOP OF A NEW 2'-6" REINFORCED POURED CONCRETE FOUNDATION.									
2.	FITURE "E" (4) IS A EXISTING POLE LOCATION. REUSE EXISTING 6" POURED CONCRETE FOUNDATION. MOUNT A NEW POST TOP LED 1750 CHATEAU FIXTURE WITH DECORATIVE RINGS, CLEAR LENS, PHOTOCELL CONTROL WITH AN URBAN BRONZE MATTE FINISH ON A 20'-0" TALL URBAN BRONZE MATTE FINISH 4" DIAMETER ROUND STEEL POLE ON TOP. (GENERAL CONTRACTOR TO FIELD VERIFY FOR POSSIBLE CONFLICTS AND INCOMPATIBILITY OF EXISTING POLES WITH NEW POLE PRIOR TO ORDERING).									
3.	FITURE "F" (4) IS A NEW POLE LOCATION. WITH A NEW POST TOP LED 1750 CHATEAU FIXTURE WITH DECORATIVE RINGS, CLEAR LENS, PHOTOCELL CONTROL WITH AN URBAN BRONZE MATTE FINISH ON A 20'-0" TALL URBAN BRONZE MATTE FINISH 4" DIAMETER ROUND STEEL POLE ON TOP OF A NEW 2'-6" REINFORCED POURED CONCRETE FOUNDATION.									
4.	FITURE "F" (2) IS A EXISTING POLE LOCATION. REUSE EXISTING 6" POURED CONCRETE FOUNDATION. MOUNT A NEW POST TOP LED 1750 CHATEAU FIXTURE WITH DECORATIVE RINGS, CLEAR LENS, PHOTOCELL CONTROL WITH AN URBAN BRONZE MATTE FINISH ON A 20'-0" TALL URBAN BRONZE MATTE FINISH 4" DIAMETER ROUND STEEL POLE ON TOP. (GENERAL CONTRACTOR TO FIELD VERIFY FOR POSSIBLE CONFLICTS AND INCOMPATIBILITY OF EXISTING POLES WITH NEW POLE PRIOR TO ORDERING).									
5.	ALL PROPOSED FIXTURE HEADS ARE TO BE DARK-SKY COMPLIANT AND HAVE HARDWARE WITH IESNA FULL CUTOFF HOUSE SIDE SHIELDING WHERE REQUIRED. NEW PROPOSED POLE MOUNTED FIXTURES (HEADS AND TENONS) FINISH IS TO MATCH EXISTING W/ OPTIONAL PHOTOCELL CONTROL.									
6.	ALL EXISTING AND NEW CONCRETE LIGHT POLE BASES ARE TO HAVE ALL EXPOSED FORM MARKS REMOVED, GROUND FLUSH AND THE SURFACE IS TO BE PROPERLY PREPARED TO RECEIVE A HAND TROWELED, MASONRY SKIM COAT OF APPROPRIATE THICKNESS TO ACHIEVE A DURABLE SURFACE AND LONG LASTING AESTHETIC.									
7.	ALL NEW PROPOSED AREA LIGHT POLES SHALL BE LOCATED 3'-0" FROM BACK OF CURB TO THE EDGE OR FACE OF THE REINFORCED LIGHT POLE BASE, UNLESS NOTED OTHERWISE.									
8.	INSTALLATION CONTRACTOR TO REFER TO ELECTRICAL PLANS FOR CONDUIT ROUTING OF LIGHT POLES AND SIGNAGE LIGHTING CONTROL AND WIRING.									
9.	CONTRACTOR TO REFER TO REINFORCED LIGHT POLE BASE SECTION AND DETAIL FOR FURTHER INFORMATION.									
10.	PROPOSED POLE MOUNTED FIXTURES HEADS ARE TO HAVE A URBAN BRONZE MATTE FINISH w/ OPTIONAL PHOTOCELL CONTROL.									
11.	ALL BUILDING MOUNTED LIGHT FIXTURES ARE TO BE COORDINATED WITH THE ARCHITECTURAL ELEVATIONS FOR EXACT MOUNTING HEIGHTS AND LOCATIONS. FOR PURPOSES OF CALCULATING THE SITE LIGHTING AND PHOTOMETRIC OUTPUT ALL BUILDING MOUNTED FLOOD LIGHTS WERE PLACED AT 22'-0" ABOVE FINISHED FLOOR ELEVATION									

THIS LIGHTING PLAN REPRESENTS ILLUMINATION LEVELS ARE CALCULATED VALUES INCLUDE DIRECT AND INTER-REFLECTED COMPONENTS.

THIS LIGHTING PLAN REPRESENTS ILLUMINATION LEVELS CALCULATED FROM LABORATORY DATA TAKEN UNDER CONTROLLED CONDITIONS IN ACCORDANCE WITH THE ILLUMINATING ENGINEERING SOCIETY (IES) APPROVED METHODS. ACTUAL PERFORMANCE OF ANY MANUFACTURER'S LUMINAIRES MAY VARY DUE TO CHANGES IN ELECTRICAL VOLTAGE, TOLERANCE IN LAMPS/LED'S AND OTHER MAY VARY DUE TO CHANGES IN ELECTRICAL VOLTAGE, TOLERANCE IN LAMPS/LED'S AND OTHER VARIABLE FIELD CONDITIONS. CALCULATIONS DO NOT INCLUDE OBSTRUCTIONS SUCH AS BUILDINGS CURBS, LANDSCAPING, OR ANY OTHER ARCHITECTURAL ELEMENTS UNLESS NOTED.



2 LIGHT POLE BASE - SECTION
SCALE: 3/4"=1'-0"



3 LIGHT POLE BASE - ELEVATION
SCALE: 3/4"=1'-0"

Project:

**BLUE BAY
RESTAURANT
REDEVELOPMENT**

927 Main Street
Mukwonago, WI 53149

Issuance and Revisions:

Date	Number	Description
12/03/21		Plan Commission Submittal

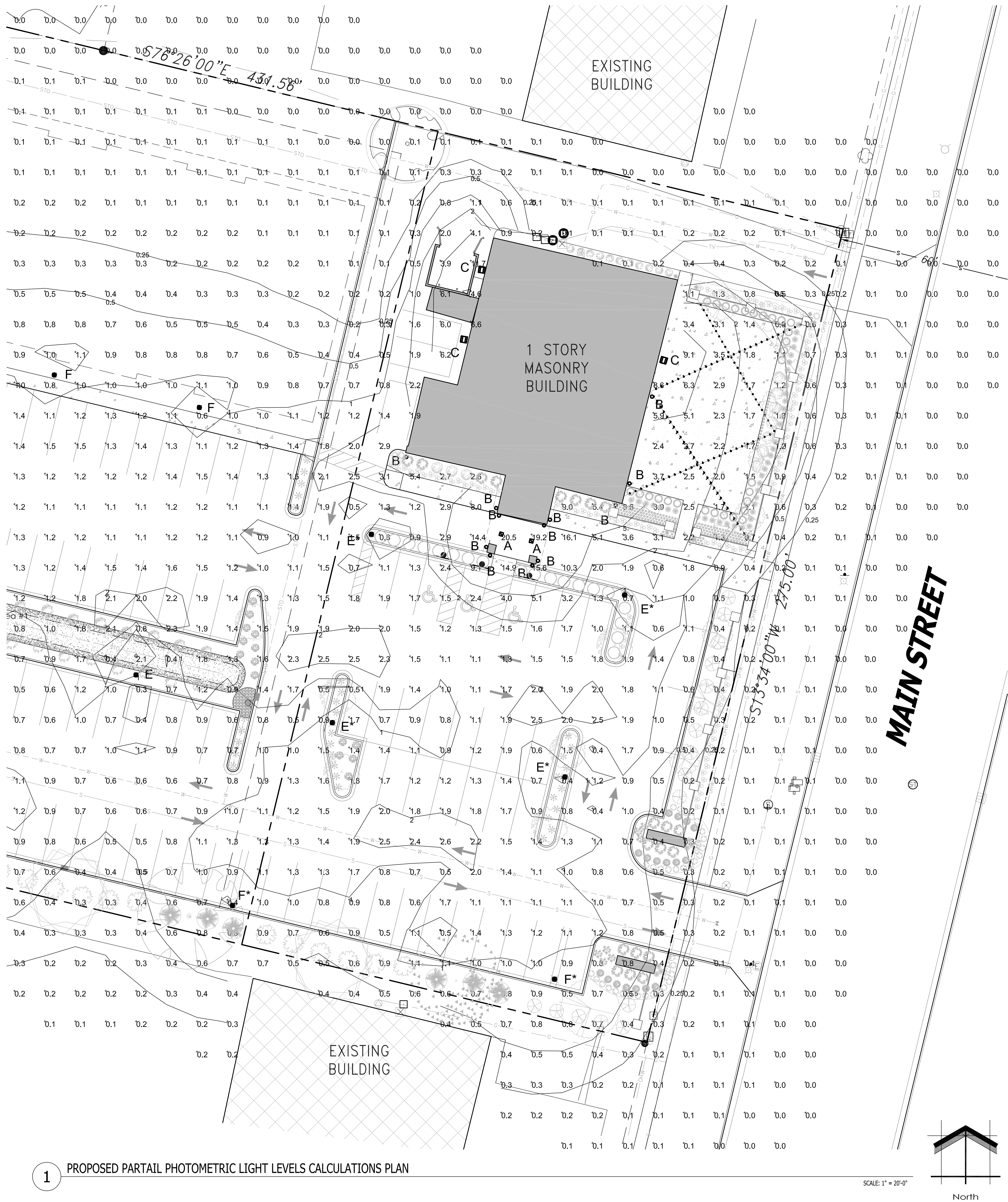
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Sheet Title:

PROPOSED OVERALL LIGHTING
PLAN,
GENERAL NOTES,
AND LIGHT FIXTURE TABLE

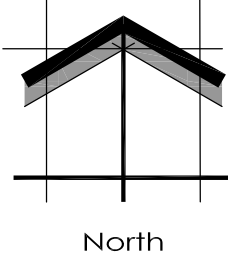
Date of Drawing: 12/03/21
Scale: 1" = 30'-0"
Drawn By: MCD
Job Number: L21-013
Sheet Number:

PHO1.1



1 PROPOSED PARTIAL PHOTOMETRIC LIGHT LEVELS CALCULATIONS PLAN

SCALE: 1" = 20'-0"



InSITE
LANDSCAPE DESIGN
Landscape Consulting
& Master Planning Design Services
11525 W. North Avenue, Suite 1B
Wauwatosa, WI 53226
Tel (414) 476-1204
www.insitedesigninc.com
mdavis@insitedesigninc.com

Project:

**BLUE BAY
RESTAURANT
REDEVELOPMENT**

927 Main Street
Mukwonago, WI 53149

Issuance and Revisions:

Date	Number	Description
12/03/21		Plan Commission Submittal

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Sheet Title:

PROPOSED PARTIAL PHOTOMETRIC
LIGHT LEVEL CALCULATIONS PLAN

Date of Drawing:	12/03/21
Scale:	1" = 20'-0"
Drawn By:	MCD
Job Number:	L21-013
Sheet Number:	

PHO1.2

TO OBTAIN LOCATION OF PARTICIPANTS UNDERGROUND FACILITIES BEFORE YOU DIG IN WISCONSIN

DIGGERS HOT LINE

WISCONSIN STATUTE 182.0175 (1974) REQUIRES A MINIMUM OF 3 DAYS NOTICE BEFORE YOU EXCAVATE (NOT INCLUDING SATURDAY, SUNDAY OR LEGAL HOLIDAYS)

UNDERGROUND SEWER AND UTILITY INFORMATION AS SHOWN IS OBTAINED FROM THE RECORDS OF MUNICIPALITY AND LOCAL UTILITY COMPANIES. THE ACCURACY OF WHICH CAN NOT BE GUARANTEED OR CERTIFIED TO. THE LOCATIONS OF EXISTING UTILITY INSTALLATIONS AS SHOWN ON THIS SURVEY ARE APPROXIMATE. THERE MAY BE OTHER UNDERGROUND UTILITY INSTALLATIONS WITHIN THE PROJECT AREA THAT ARE NOT SHOWN.

TO OBTAIN LOCATION OF PARTICIPANTS UNDERGROUND FACILITIES BEFORE YOU DIG IN WISCONSIN CALL THE MILWAUKEE UTILITY ALERT NETWORK
(800)-242-8511, (262) 492-7910
(877) 500-9592
www.DiggersHotline.com
OR

Know what's below.
Call before you dig.

Project:

BLUE BAY
RESTAURANT
REDEVELOPMENT

927 Main Street
Mukwonago, WI 53149

Issuance and Revisions:

Date	Number	Description
12/03/21		Plan Commission Submittal

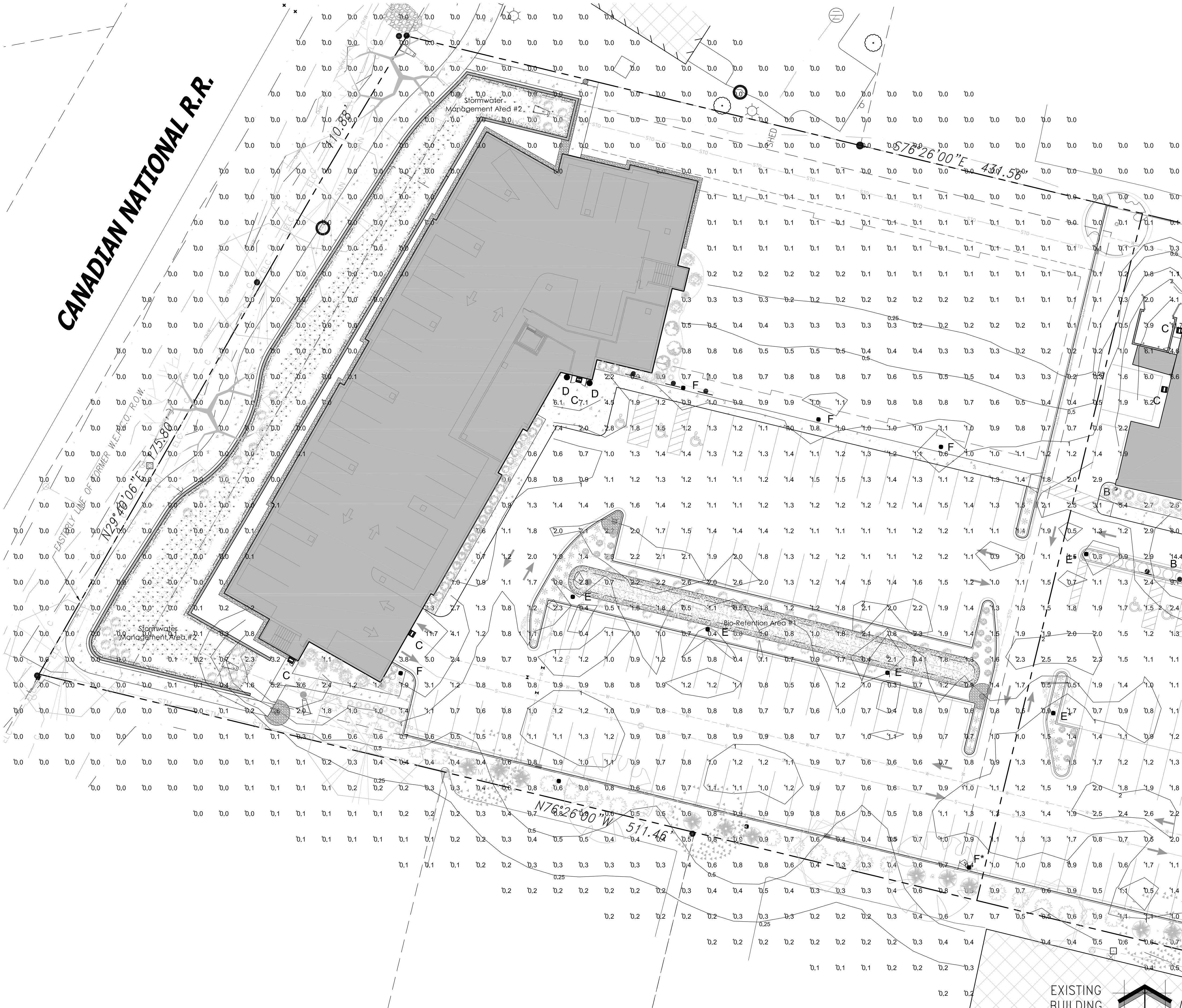
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Sheet Title:

PROPOSED PARTIAL PHOTOMETRIC
LIGHT LEVEL CALCULATIONS PLAN

Date of Drawing:	12/03/21
Scale:	1" = 20'-0"
Drawn By:	MCD
Job Number:	L21-013
Sheet Number:	

PHO1.3



1 PROPOSED PARTIAL PHOTOMETRIC LIGHT LEVELS CALCULATIONS PLAN

TO OBTAIN LOCATION OF PARTICIPANTS UNDERGROUND FACILITIES BEFORE YOU DIG IN WISCONSIN

DIGGERS HOT LINE

WISCONSIN STATUTE 182.0175 (1974) REQUIRES A MINIMUM OF 3 DAYS NOTICE BEFORE YOU EXCAVATE (NOT INCLUDING SATURDAY, SUNDAY OR LEGAL HOLIDAYS)

UNDERGROUND SEWER AND UTILITY INFORMATION AS SHOWN IS OBTAINED FROM THE RECORDS OF MUNICIPALITY AND LOCAL UTILITY COMPANIES. THE ACCURACY OF WHICH CAN NOT BE GUARANTEED OR CERTIFIED TO. THE LOCATIONS OF EXISTING UTILITY INSTALLATIONS AS SHOWN ON THIS SURVEY ARE APPROXIMATE. THERE MAY BE OTHER UNDERGROUND UTILITY INSTALLATIONS WITHIN THE PROJECT AREA THAT ARE NOT SHOWN.

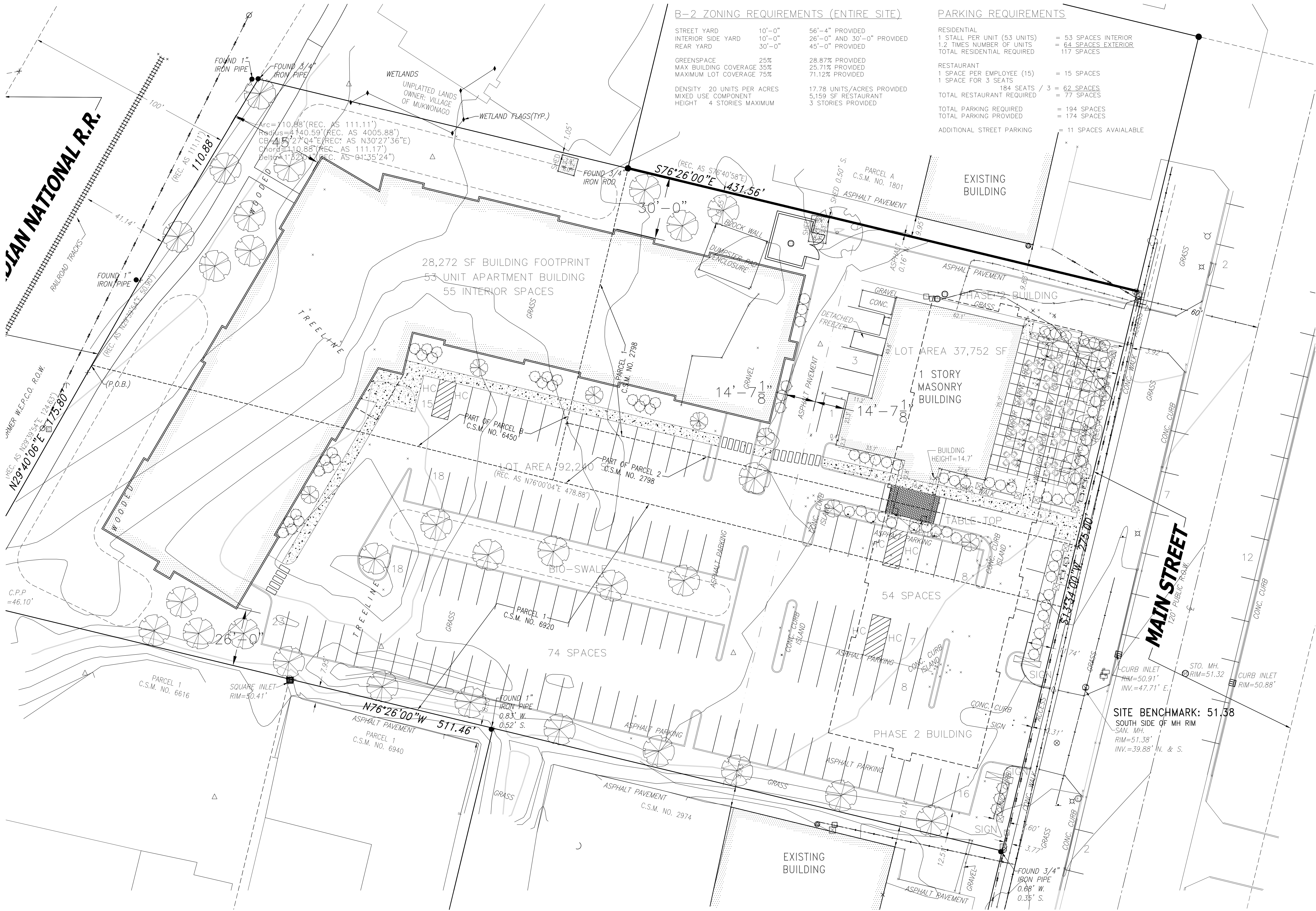
TO OBTAIN LOCATION OF PARTICIPANTS UNDERGROUND FACILITIES BEFORE YOU DIG IN WISCONSIN CALL THE MILWAUKEE UTILITY ALERT NETWORK (800)-242-8511, (262) 432-7910 (877) 500-9392 www.diggershotline.com OR

Know what's below.
Call before you dig.

4 STERNBERG LIGHTING 1750 CHATEAU MEDIUM SERIES AREA LIGHTING

5 STERNBERG LIGHTING 4" DIAMETER STRAIGHT STEEL URBAN BRONZE MATTE 20'-0" POLE

4 STERNBERG LIGHTING 1750 CHATEAU MEDIUM SERIES AREA LIGHTING



B-2 ZONING REQUIREMENTS (ENTIRE SITE)

STREET YARD	10'-0"	56'-4" PROVIDED
INTERIOR SIDE YARD	10'-0"	26'-0" AND 30'-0" PROVIDED
REAR YARD	30'-0"	45'-0" PROVIDED
GREENSPACE	25%	28.87% PROVIDED
MAX. BUILDING COVERAGE	35%	25.71% PROVIDED
MAXIMUM LOT COVERAGE	75%	71.12% PROVIDED
DENSITY	20 UNITS PER ACRES	17.78 UNITS/ACRES PROVIDED
MIXED USE COMPONENT		5,159 SF RESTAURANT
HEIGHT	4 STORIES MAXIMUM	3 STORIES PROVIDED

PARKING REQUIREMENTS

RESIDENTIAL		
1 STALL PER UNIT (53 UNITS)	=	53 SPACES INTERIOR
1.2 TIMES NUMBER OF UNITS	=	64 SPACES EXTERIOR
TOTAL RESIDENTIAL REQUIRED		117 SPACES
RESTAURANT		
1 SPACE PER EMPLOYEE (15)	=	15 SPACES
1 SPACE FOR 3 SEATS		
184 SEATS / 3	=	62 SPACES
TOTAL RESTAURANT REQUIRED		77 SPACES
TOTAL PARKING REQUIRED	=	194 SPACES
TOTAL PARKING PROVIDED	=	174 SPACES
ADDITIONAL STREET PARKING	=	11 SPACES AVAILABLE

SHA
Schroeder & Holt Architects

311 East Chicago Street
Suite 310
Milwaukee, WI 53202

p. 414-276-1760
f. 414-276-1764
www.sha-a2k.com

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BLUE BAY MIXED USE DEVELOPMENT

927 MAIN STREET
MUKWONAGO, WI 53149

CONCEPTUAL DRAWING - NOT FOR CONSTRUCTION

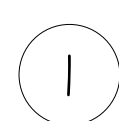
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PROJECT #: 4036

DATE: JULY 13, 2021

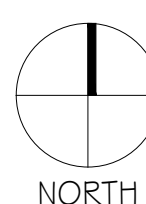
SITE PLAN

SP1.0



GROUND FLOOR PLAN

SCALE: 1/16" = 1'-0"



NORTH

9927 MAIN STREET
MUKWONAGO, WI 53149

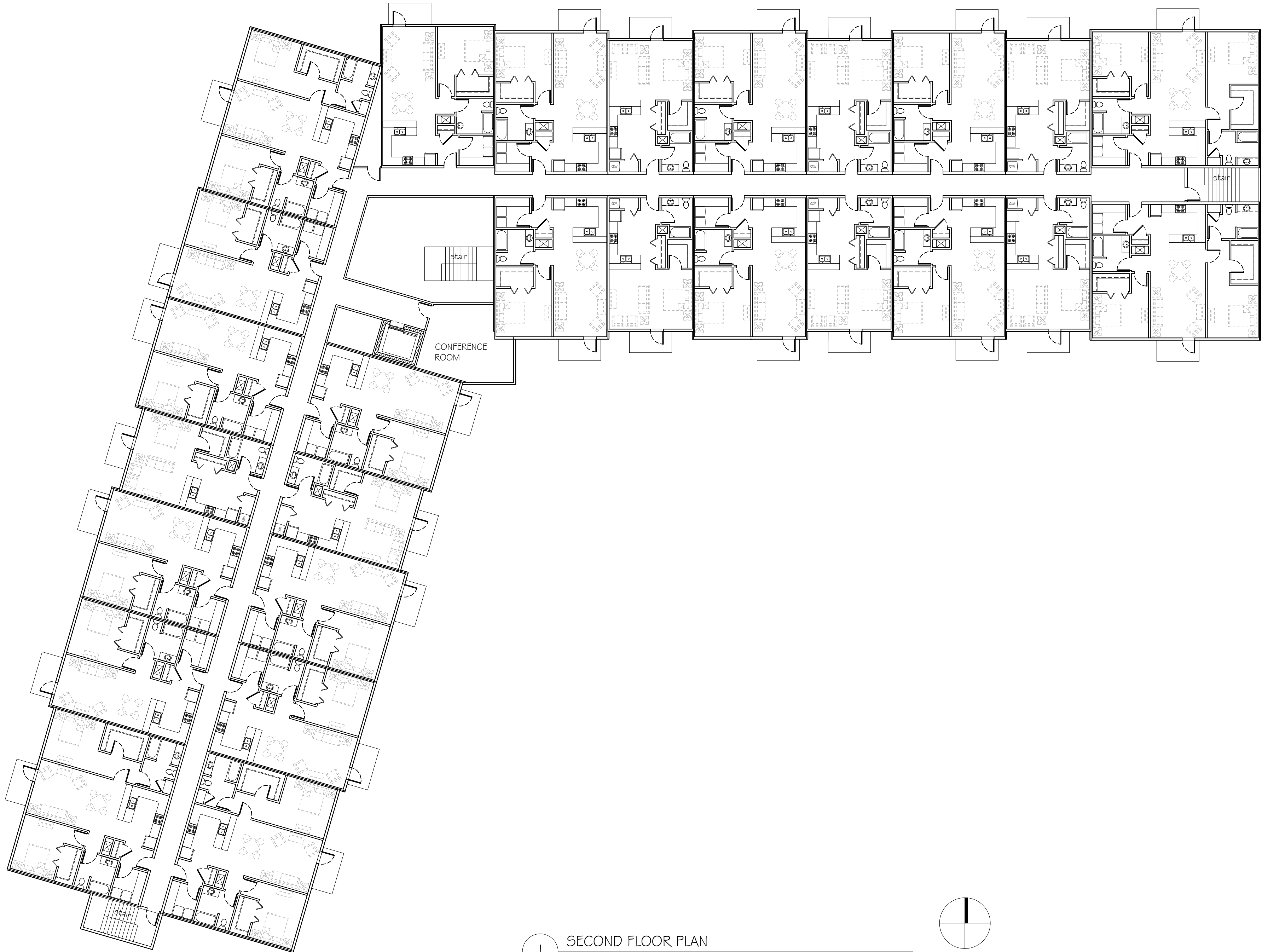
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PROJECT #: 4036

DATE: APRIL 05, 2021

FIRST FLOOR PLAN

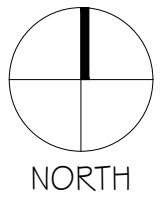
A1.1



1

SECOND FLOOR PLAN

SCALE: 1/16" = 1'-0"



NORTH

CONCEPTUAL DRAWING - NOT FOR CONSTRUCTION

BLUE BAY MIXED USE DEVELOPMENT

927 MAIN STREET
MUKWONAGO, WI 53149

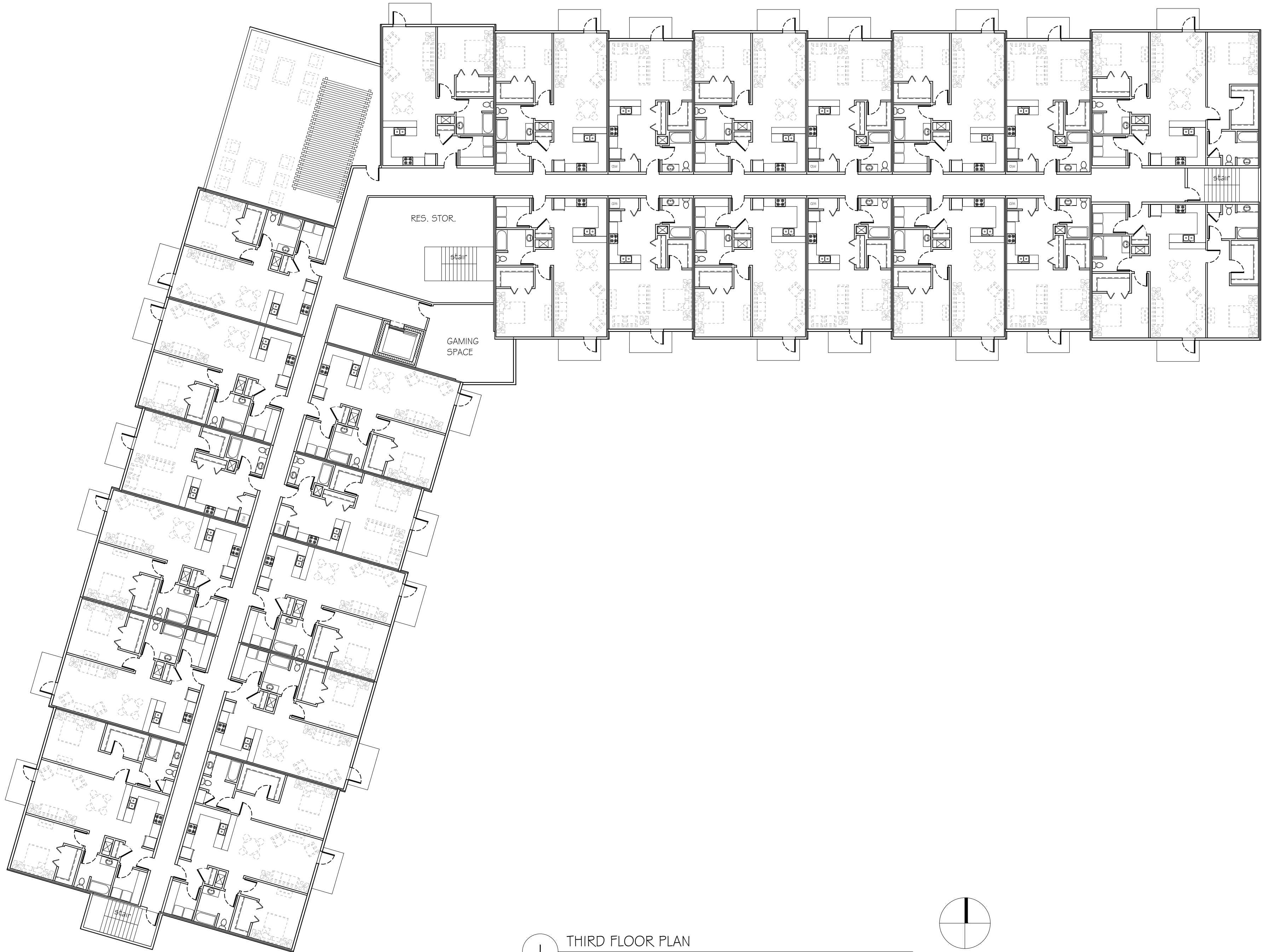
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PROJECT #: 4036

DATE: APRIL 05, 2021

FIRST FLOOR PLAN

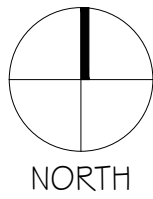
A1.2



1

THIRD FLOOR PLAN

SCALE: 1/16" = 1'-0"



CONCEPTUAL DRAWING - NOT FOR CONSTRUCTION

BLUE BAY MIXED USE DEVELOPMENT

927 MAIN STREET
MUKWONAGO, WI 53149

NO.	DATE	DESCRIPTION
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PROJECT #: 4036

DATE: APRIL 05, 2021

FIRST FLOOR PLAN

A1.3



1 EAST ELEVATION

SCALE: 1/16" = 1'-0"



2 NORTH ELEVATION

SCALE: 1/16" = 1'-0"



3 WEST ELEVATION

SCALE: 1/16" = 1'-0"



3 SOUTH ELEVATION

SCALE: 1/16" = 1'-0"

BLUE BAY MIXED USE DEVELOPMENT

927 MAIN STREET
MUKWONAGO, WI 53149

xx DRAWING - NOT FOR CONSTRUCTION

NO.	DATE	DESCRIPTION
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2		
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9		
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PROJECT #:

4036

DATE:

OCTOBER 05, 2021

EXTERIOR ELEVATIONS

A2.2

**VILLAGE OF MUKWONAGO
WAUKESHA AND WALWORTH COUNTIES**

ORDINANCE NO. 998

**AN ORDINANCE TO AMEND THE DISTRICT ZONING MAP OF
THE VILLAGE OF MUKWONAGO ON BEHALF OF VLAZNIM ISLAMI AKA VIKTOR ISLAMI
SANI ISLAMI FOR PROPERTY AT PARCEL 927 SOUTH MAIN ST, UNADDRESSED SOUTH MAIN
STREET, PARCELS MUKV 2009-964-004 AND MUKV 2009-964-001**

THE VILLAGE BOARD of the Village of Mukwonago, Waukesha and Walworth Counties, Wisconsin, do ordain as follows:

SECTION I. Pursuant to the provision of 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 19th day of January 2022, the following legally described property is amended on the Village of Mukwonago Zoning District Map from B-2 General Business to B-2 General Business /BMX – Business Mixed Use Overlay

PARCEL 1 & PT PARCEL 2 CERT SURV 2798 VOL 20/275 & PT PARCEL B CERT SURV 6450 VOL 53/234 PT NE1/4 SEC 35 T5N R18E; COM NW COR NE1/4 SEC 35; S00°12'50"E 1682.70 FT; N76°00'04"W 1.06 FT TO ELY LI WEPCO R/W; N29°39'54"E 124.63 FT THE BGN; N29°39'54"E 50.90 FT TO BEG OF CURVE; NELY ALG CURVE RADIUS 4005.88 FT; CTRL ANGLE OF 01°35'234" LONG CHORD BEARING N30°27'36"E & LONG CHORD DISTANCE OF 111.17 FT FOR AN ARC DISTANCE OF 111.11 FT; S76°40'58"E 431.56 FT TO POINT ON WLY R/W MAIN ST; S13°59'56"W 155.00 FT; N76°00'04"W 478.88 FT TO BGN :: DOC# 4150989

And

PARCEL 1 CERT SURV 6920 VOL 58/91 1.36 AC PT NE1/4 SEC 35 T5N R18E R1705/2613

MUKV 2009-964-004 AND MUKV 2009-964-001

SECTION II: The above referenced legal descriptions is graphically provided within attached Exhibit A and B.

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



Village of Mukwonago GIS

Ordinance Exhibit A

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: 1/4/2022



Village of Mukwonago GIS

Ordinance Exhibit B

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" = 200'

VILLAGE OF MUKWONAGO

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

Print Date: 1/4/2022



PLANNING COMMISSION
January 11, 2022 at 6:30pm
Mukwonago, WI

**Zoning Map Amendment,
Site Plan and Architectural Review,
And *Parking Exception**

Parcel Number: **MUKV 2009-964-004 and MUKV 2009-964-001**

*Parking Exceptions are approved by Planning Commission and do not require VB approval.

Case Summary

Parcel Data

Proposal:	1. <u>Zoning Map Amendment</u> : Consideration to a Zoning District Boundary Change from B-2 General Business to B-2 General Business /BMX – Business Mixed Use Overlay 2. <u>Site Plan and Architectural Review</u> 3. <u>Parking Exception</u>
Applicant:	Vlaznim Islami aka Viktor Islami Sani Islami
Owner:	Vlaznim Islami aka Viktor Islami Sani Islami
Request:	Rezoning Request
Staff Recommendation:	Approve with Conditions

Parcel Characteristics / Conditions

Acreage:	1.6354 and 1.34acres
Current Use:	Parking/Vacant and Restaurant/Vacant
Proposed Use:	Parking/Apartment and Parking/Apartment and Restaurant
CSM:	A CSM will be required and process in the near future
Reason for Request:	Rezoning to BMX overlay
Current: Land Use Classification:	Low Intensity Commercial/ Business with Business Mixed Use Overlay

Proposed: Land Use Classification:	No Change
Current: Zoning Classification:	B-2 General Business
Proposed: Zoning Classification:	B-2 General Business /BMX – Business Mixed Use Overlay
Census Tract:	2039.01

Public Notice

A public hearing notice was published two times in the Waukesha Freeman, and letters were mailed to surrounding property owners. Public comment as of this date, staff has not received any comments or other communications regarding this proposal.

Rezoning Request

The applicant is requesting to rezone the property from B-2 General Business to B-2 General Business /BMX – Business Mixed Use Overlay. This rezoning if approved will allow for residential uses to be able to be permitted on the two (future combined) parcels.

Comprehensive Plan / Land Use Plan

The property is classified on the comprehensive plan / land use plan as Low Intensity Commercial/ Business with Business Mixed Use Overlay. The intent of the Business Mixed Use Overlay is to allow for a mix of residential and commercial uses on one property or area with a density of 20 dwelling units per acre and within the Main Street/South Planning District a maximum of 3 stories.

Upon review staff supports the request based upon compliance with the Comprehensive Plan.

Site and Architectural Review

Overall Site	Two properties are being considered for rezoning one being 1.6354 and 1.34acres
Utilities	All utilities will be underground, sewer and water is available. Service laterals will need to be provided.
Stormwater Management	Stormwater management is planned for the site. Currently, there is no stormwater management on the property. A bioretention facility is planned for the western portion of the lot parallel to the multi-use path and wrapping around the southern and northern portions of the budling. A bioretention facility is also planned for the central landscaping area of the parking lot. The preliminary concepts have been reviewed by R-M and they have provided an attached letter.

Wetlands	Wetlands have been reviewed and a report prepared. Please see attached.			
Easements	Existing easements are unknown at this time. New easements will need to be prepared and granted for the multi-use path for public access and village maintenance, etc.			
Units	Phase 1A (north south wing) = 29 Phase 1B (east west wing) = 24 Phase 1 Total = 53 Phase 2 (new multi-use building) = unknown			
Green Space (B-2)	Required	25%.	Provided	28.87%
Max Building Coverage (B-2)	Required	35%	Provided	25.71%
Maximum Lot Coverage (B-2)	Required	75%	Provided	71.12%
Height	Maximum	4 stories	Provided	3 stories
Density	Maximum	20 Units/Acre	Provided	17.78 Units/Acre (Phase I)
Restaurant	Existing and Proposed 5,159 SF			
Parking	Phase 1A and 1B Apartment Summary: Residential: 1 stall per unit enclosed = Required 53/Provided 53 Residential: 1.25 x # of units = Required 66/Provided 31 Total Residential = Required/Provided 119 / 84 Deficit of Apartment parking = 35 Restaurant Summary: Restaurant: 1 space per employee (15) = Required/Provided = 15/15 Restaurant: 1 space for 3 seats (184 seats / 3) = Required/Provided = 62/62 Total Restaurant = Required/Provided 77/77 Additional Street Parking = 23 Total Parking Required = 196 spaces On Site Parking Provided = 173 spaces Total Spaces Short = 23 spaces – <i>See section regarding parking exception.</i>			
Landscaping	Summary: The applicant has provided a robust landscaping plan for the property. The plan calls for a variety of deciduous trees including flowering crab, black gum, flowering pear, mountain ash, and Linden. The evergreen species include Hillspire Juniper. The plan			

calls for seven deciduous shrubs species, four species of evergreen shrubs, four types of ornamental grasses and Sunsparkler Firecracker Sedum as a ground cover. Perennials will provide a burst of seasonal color with six different daylily species.

Comments:

- There does appear to be a discrepancy between the plans and the plant schedule. For example, the plant schedule indicated 3 Hillspire Juniper however the plans appear to indicate 9 along the southern edge of the property. Staff is recommending the approval of the landscaping plans be condition upon the final plans being the higher plant count to be approved by planning prior to issuance of grading permits.
- Staff is concerned about the landscaping plans for the northern portion of the property. Original conceptual plans indicated that this area would be filled with paintings and grass, however final plans being presented provide for a 26 ft wide grasscrete fire lane. There is an area 29'8" of space between the building and the property line and additional space in areas where the building bumps in. The reason the above noted concerns is that this area on the first floor is a parking garage with no building articulation and staff is concerned about the appearance of a flat un-articulated building façade. Staff is recommending that within the bump in areas some upright and ground level planting be provided along with an ornamental tree. In areas where there are bump outs of the building staff recommends that a greenwall system be provided in these areas with details to be approved by staff.

Bike Parking

The applicant has not provided any bike parking at this time.

- Staff recommend, since this property is located along the greenway trail, that at least a three rack bike rack be integrated into the landscaping near the restaurant and that at least 25 spaces be provided for the apartment building with spaces to be located within the parking area as well as outside the apartment building with exact locations and numbers to be determined by the developer and planner prior to building permits.

Patio	The applicant is proposing to remodel and extend the outdoor dining area of the restaurant towards Main Street. This patio will feature masonry piers, metal fencing and additional landscaping. The plans indicate a scored concrete pavement pattern. Specific details have not been provided. Comments: • Staff recommends that details of the fence, piers, pavement details, landscaping and lighting be deferred to staff for approval prior to issuance of a grading permit.
Lighting	The applicant is proposing coordinating building and site lighting. They are proposing a Sternberg Chateau Series fixture and a urban line pole for the stie lighting and a Brownlee 7610 LED budling light as well as a Cree xsp series security fixture. The chosen fixtures are all high-quality fixtures. The lighting plans do show lighting levels compliant with zero at the property line. Please note this proposal does not provide any lighting along the multi-use path. ○ Please note that the lighting selection is not identical or similar to the point or the Lumec pole and fixture that has been used in other locations of the Village. Staff recommends that the lighting be provide with this development along the multi-use path and that the lighting be identical to the fixtures located on the multi-use path just to the north through the Point Apartment Development.
Dumpsters:	The applicant has not provided details with regard to the exterior dumpsters planned for the restaurant or apartments or interior locations for garage and recycling services within the apartments. • Staff recommends that design of the dumpsters with regard to color, design, and location be approved by planning staff prior to issuance of building permits, subject to the designs integrating with the materials and design of the property.
Architecture Review Restaurant:	No exterior modification to the architecture of the restaurant is being proposed at this time. See comments above regarding patio.
Architectural Review	

Apartments:

The applicant has provided architectural drawings for Phase 1A. As well as Drawings for Phase 1A and 1B. At this time the applicant is requesting approval for both phases to allow the flexibility which may be dependent upon financing.

Phase 1A includes 29 units with structured parking as well as the main core of the facility include lobby, elevators, stairs, and common rooms and amenities.

Phase 1B includes 24 units with additional structure parking.

The building consists of a combination of unit types which include:

- Efficiency Units = 16
- One Bedroom Units = 28
- Two Bedroom Units = 9

The building is designed as a modified “L” shape building to correspond with the property lines and greenway that will go through the western portion of the property. The Community Room and roof top deck area is designed to view Lower Phantom Lake from the third level of the building.

The exterior design of the building features a first-floor parking garage and is expressed in the architectural drawings as a solid wall with limited openings except for entry and exists and some openings aligned with upper-level balconies. Architecturally, the facades have minimal articulation and present as a masonry product. In some instances, the panelized product from the upper levels is brought to the 1st level near the openings that are aligned to the upper balconies.

The faces for the second level of the building have masonry elements mostly defined at the projecting elements of the building which are capped by gables. Those portions of the building that are recessed have a panel system.

The third level of the budling has no masonry products and consist of panelized system as the primary building material. The balconies and windows within the project gabled details have small awnings located above the fenestration elements.

Overall, the budling has a gabled roof with smaller gables and at corner elements there are layered gabled details.

The applicant does not have line drawings or detailed architectural drawings.

- Staff recommends that the building design be approved in concept at this time and that detail line drawings and larger scale drawings be submitted to the Planning Commission for final approval.

Building Materials: Material samples and colors have not been provided.

- Staff recommends that final materials and colors be submitted to the Planning Commission for final approval.

Parking Exception

Section 100-402 (b) (2) d. allows for parking exceptions to be granted by the planning commission when there is a change of use of land may at its discretion grant an exception to the requirements of constructing additional parking spaces. The applicant is required to demonstrate how the site constraints and other standard of this chapter do not allow construction of additional on-site parking space and shall provide justification that there are sufficient spaces available for overflow parking such as street parking or shared parking on neighboring or nearby properties.

The applicant has indicated the following:

Good afternoon John,

I have reviewed the parking as shown on the submitted Civil Drawings. We are currently recognizing 173 available parking spaces. Our tabulation, for Phase 2, requires the following;

- *53 Interior spaces for the Apartment Building*
- *66 Exterior spaces for the Apartment Building*
- *15 Employee Spaces for the Restaurant*
- *62 Customer Spaces for the Restaurant*
- *196 Spaces Required*
- *173 Spaces Provided*
- *23 On-Street spaces required (to meet code)*

There are two issues that make us believe that we have adequate parking for the proposed development.

First, we are planning to maintain the hours of operation that currently exist for the Restaurant, (6:00 AM – 3:00 PM). Historically we are not filling the current Restaurant parking lot at 6:00. We would expect to see the lot filling up around the 7:30 time frame. This would give the Apartment Occupants time to leave for work in the morning freeing up spaces for Restaurant Customers during the morning.

Secondly, we view the required 1.25 times the number of interior spaces as excessive when considering a shared parking format. If we were to provide 1 parking stall per bed, we would need 61 spaces. In addition, we would provide 15 guest parking spaces (25% of the Apartment demand). This would require a total of 76 Spaces needed for the Apartment Building. The restaurant requires 15 spaces for Staff and 62 spaces for Customers totaling 77 spaces. This establishes a requirement of 153 spaces for the development. With the potential of 76 Residential spaces accounted for and the 77 restaurant Staff and Customers accounted for, we would still have 20 additional parking spaces for visiting guests. This would bring the guest parking total up to 35 spaces which would allow 66% of the units to have a guest.

When you recognize that the majority of guest will be visiting in the evening hours, the 77 restaurant spaces will be freed up during that time. This will allow for 112 parking spaces to be available for visitor during the evening hours. Conversely, there would be 35 spaces in the morning that the restaurant could use for waiting customers during turnover periods.

- 61 Resident Spaces (53 Interior, 8 exterior)
- 15 Apartment Guest Spaces
- 76 Apartment Spaces Needed

- 15 Employee Spaces for the Restaurant (Not used 3:00 PM to 6:00 AM)
- 62 Customer Spaces for the Restaurant (Not used 3:00 PM to 6:00 AM)
- 77 Restaurant Spaces/Visitor Spaces (when Restaurant is closed)
- 153 Total Spaces needed
- 173 Provided
- 20 Additional Spaces

For the Apartment Guest

- 15 Apartment Guest Spaces
- 20 Extra Spaces
- 77 Shared Restaurant Spaces
- 112 Spaces available for evening guests / 35 spaces during the day

It is based on this shared parking arrangement that we believe the we currently have enough parking on the Site. To that end, we are requesting an exception to allow the other 23 parking spaces, should they be necessary, to utilize the adjacent street parking. We do not see the need for 58 guest parking spaces to be provided.

Thank you for your consideration. If you have any further questions feel free to contact me.

Sincerely,

David Baum AIA

Schroeder and Holt Architects

Staff Review

Engineering

Please see attached letter from R-M.

If the Planning Commission and the Village Board would choose to approve these documents, we would request that you make approvals subject to our detailed technical review of the construction drawings for the requirements of the Department Heads and Village Ordinances. We also request that the permits to allow construction be withheld until this technical review is complete.

Public Works

The multi-use path shall be dedicated to the Village through an easement. A development agreement shall be entered into with regard to the multi use path and any other public improvements. Construction details of the multi-use path shall be to Village specification with plans approved by the Village Engineer and Public Works Director. Inspections shall be conducted by the Village Engineer during construction of the multi-use path. Nonstandard details such as a fence between the retention pond and path or any other nonstandard details shall be provided as requested by the Village Engineer and Public Works Director.

Utilities

Comments are note on marked up drawings attached to this report and noted in the resolution. That include the following:

- An easement shall be provided on the CSM on the north side of the property to allow utility access to be able to access the sewer utilities on the bath for maintenance. This shall include associated easement documents.
- Public Sanitary Sewer easement shall be shown on all drawings. The applicant shall ensure that no structures will encroach into the sanitary ewer easement including retaining walls etc.
- The applicant shall eliminate the second connection to the public water main.
- The North South water main connection shall be an 8" connection to avoid the need for the second connection and minimize the cost of fire protection charges.
- The fire hydrant connections shall be 6"
- The east west water main line on the southern portion of the building shall be increased as well as the connection to the public water line shall be increased from 6" to 8".

Police

No Concerns at this time.

Fire

No Concerns at this time.

Building Inspection

No Concerns at this time.

Planning

Planning has the following site plan recommendations:

1. Landscaping:

- Staff is recommending the approval of the landscaping plans be condition upon the final plans being the higher plant count to be approved by planning prior to issuance of grading permits.
 - Staff is recommending that within the bump in areas on the north side of the building some upright and ground level planting be provided along with an ornamental tree. In areas where there are bump outs of the building a greenwall system shall be provided, details to be approved by staff.
2. Bike Parking
 - Staff recommend, 25 spaces be provided for the apartment building with spaces to be located within the parking area as well as outside the apartment building, exact locations and numbers to be determined by the developer and planner prior to building permits.
 3. Patio
 - Staff recommends that details of the fence, piers, pavement details, landscaping and lighting be deferred to staff for approval prior to issuance of a grading permit.
 4. Lighting
 - Staff recommends that the lighting along the trail be identical to the lighting along the trail adjacent to the Point. Plans and details to be provided to planning and public works staff prior to issuance of a building permit for approval.
 5. Dumpsters
 - Staff recommends that design of the dumpsters with regard to color, design, and location be approved by planning staff prior to issuance of building permits, subject to the designs integrating with the materials and design of the property.
 6. Architecture
 - Restaurant: Any exterior modifications to the restaurant other than specifically related to the patio or other site amenities shall be returned to the Planning Commission and Village Board for approval.
 - Apartments: Staff recommends that the building design be approved in concept at this time and that detail line drawings and larger scale drawings be submitted to the Planning Commission for final approval.

Recommendation

Rezoning:

Staff recommends that the Planning Commission recommend to the Village Board approval of a zoning map amendment and approve the attached ordinance.

Parking Exception:

Staff recommend that the Planning Commission approve an exception for parking for 23 parking spaces based upon the unit typologies approved for the budling, the ability to allow the mix of uses to share parking, and the availability of on street parking along Main Street, as well as the accessibility to the Multi-Use Trail as an alternative transportation.

Site Plan and Architectural Review:

Staff recommends that the Planning Commission recommend to the Village Board approval of a resolution that includes:

- a whereas statement addressing the Planning Commission approval of an exception for 23 parking spaces based upon the unit typologies approved for the budling, the ability to allow the mix of uses to share parking, and the availability of on street parking along Main Street, as well as the accessibility to the Multi-Use Trail as an alternative transportation.

And includes the following conditions of approval:

1. Prior to any land disturbing activity, the applicant must submit a complete and final set of plans to the Village. 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, a pre-construction meeting must be held with the applicant's representatives and primary contractors, and the Village Engineering, Public Works, Utilities, Police, Fire, Inspections, and Planning Departments.
3. 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.
4. The applicant must comply with all conditions of approval from the Village Engineer as noted in their preliminary and final reviews.
5. 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.

6. All work related to this project must comply with all project plans approved by the Village.
7. The developer must comply with all requirements related to impact fees imposed by the Village.
8. The developer shall comply with all parts of the Municipal Code as it relates to this project.
9. 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.
10. Prior to issuance of any preliminary start or building permit a CSM and associated easement documents shall be approved by the Village and recorded with the Register of Deeds.
11. This approval is subject to detailed technical review of the construction drawings for the requirements of the Village Engineer, Department Heads and Village Ordinances. Permits to allow construction shall be withheld until this technical review is complete and all plans including stormwater, utilities, fire, police, planning, building inspections etc. have been completed and approved. The applicant shall make changes and provide updated drawings as requested by the Village Engineer or other department heads, if necessary, prior to approval and issuance of any permits.
12. The multi-use path shall be dedicated to the Village through an easement. A development agreement shall be entered into with regard to the multi-use path and any other public improvements. Construction details of the multi-use path shall be to Village specification with plans approved by the Village Engineer and Public Works Director. Inspections shall be conducted by the Village Engineer during construction of the multi-use path. Nonstandard details such as a fence between the retention pond and path or any other nonstandard details shall be provided as requested by the Village Engineer and Public Works Director.
13. Comments are note on marked up drawings attached to this report and noted in the resolution. They include the following:
 - An easement shall be provided on the CSM on the north side of the property to allow utility access to be able to access the sewer utilities on the bath for maintenance. This shall include associated easement documents.
 - Public Sanitary Sewer easement shall be shown on all drawings. The applicant shall ensure that no structures will encroach into the sanitary sewer easement including retaining walls etc.
 - The applicant shall eliminate the second connection to the public water main.

- The North South water main connection shall be an 8" connection to avoid the need for the second connection and minimize the cost of fire protection charges.
- The fire hydrant connections shall be 6"
- The east west water main line on the southern portion of the building shall be increased as well as the connection to the public water line shall be increased from 6" to 8".

14. The plans are approved condition upon the following modification, revisions, and clarifications:

Landscaping:

The approval of the landscaping plans be condition upon the final plans being the higher plant count to be approved by planning prior to issuance of grading permits.

Additional plantings shall be provided within the bump in areas on the north side of the building some upright and ground level planting be provided along with an ornamental tree. In areas where there are bump outs of the building a greenwall system shall be provided, details to be approved by staff.

Bike Parking

25 spaces be provided for the apartment building with spaces to be located within the parking area as well as outside the apartment building, exact locations, and numbers to be determined by the developer and planner prior to building permits.

Patio

Details of the fence, piers, pavement details, landscaping and lighting be deferred to staff for approval prior to issuance of a grading permit.

Lighting

The lighting along the trail be identical to the lighting along the trail adjacent to the Point. Plans and details to be provided to planning and public works staff prior to issuance of a building permit for approval.

Dumpsters

The design of the dumpsters with regard to color, design, and location be approved by planning staff prior to issuance of building permits, subject to the designs integrating with the materials and design of the property.

Architecture

Restaurant: Any exterior modifications to the restaurant other than specifically related to the patio or other site amenities shall be returned to the Planning Commission and Village Board for approval.

Apartments: The building design shall be approved in concept at this time and that detail line drawings and larger scale drawings be submitted to the Planning Commission for final approval.

15. 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. Drawings

December 7, 2021

Mr. John Fellows, Assoc. AIA, CPM, AICP
Community Planner
Village of Mukwonago
440 River Crest Court
Mukwonago, WI 53149

Re: Blue Bay Mixed Use Development
Preliminary Storm Water Review

Dear Mr. Fellows:

We have reviewed the plan commission submittal for the Blue Bay Mixed Use Development. The submittal contained civil site plans and a storm water management plan, both dated December 3, 2021. This review is required by the Village Storm Water Ordinance to determine if early site planning has accounted for the requirements of the Ordinance. The intent is to avoid large changes to developments after the Planning Commission and Village Board have approved the concept and site plan.

We believe the plans, as submitted, can meet the requirements of the Village Ordinance and as such this letter will serve as the preliminary storm water review letter as detailed in 34-107(b) of the Village Ordinance. A full detailed technical review of the construction plans will be performed, prior to recommendation for approval for construction.

If the Planning Commission and the Village Board would choose to approve these documents, we would request that you make approvals subject to our detailed technical review of the construction drawings for the requirements of the Department Heads and Village Ordinances. We also request that the permits to allow construction be withheld until this technical review is complete.

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.



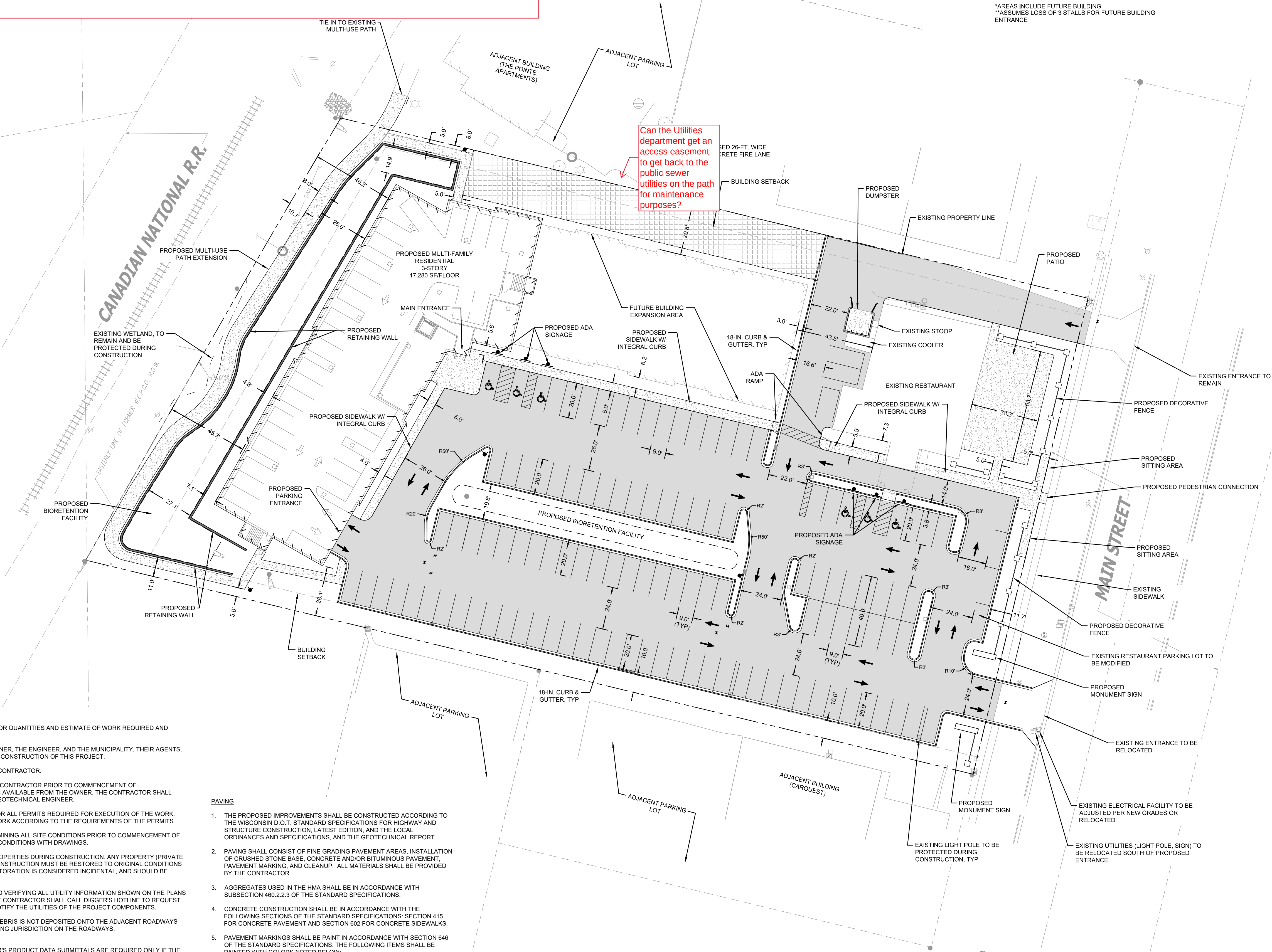
Peter W. Gesch, E.I.T.
Project Engineer
pgesch@ruekertmielke.com

PWG:pwg

cc: Tim Rutenbeck, Village of Mukwonago
Dave Brown, Village of Mukwonago
Wayne Castle, Village of Mukwonago
Ron Bittner, Village of Mukwonago
Daniel Streit, Village of Mukwonago
Jeff Stien, Village of Mukwonago
Jerad J. Wegner, P.E., Ruekert & Mielke, Inc.

COMBINED USES		
PROPOSED PARKING:		
INTERIOR SPACES		57
EXTERIOR SPACES		116
AVAILABLE STREET PARKING SPACES		12
TOTAL SPACES		185
AREAS:		
TOTAL SITE:	129,751 SF	(2.98 AC)
GREENSPACE	34,650 SF	(0.80 AC)
PERCENT OF TOTAL		26.7%
BUILDING	33,682 SF	(0.77 AC)
PERCENT OF TOTAL		26.0%

*AREAS INCLUDE FUTURE BUILDING
**ASSUMES LOSS OF 3 STALLS FOR FUTURE BUILDING
ENTRANCE



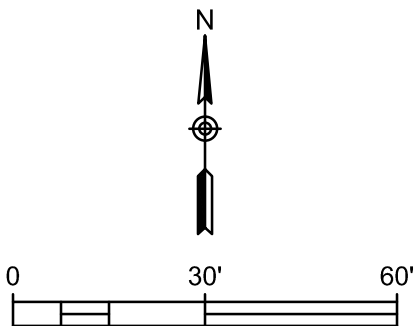
GENERAL NOTES

1. THE BIDDER WILL BE SOLELY RESPONSIBLE FOR QUANTITIES AND ESTIMATE OF WORK REQUIRED AND SHALL STATE SUCH QUANTITIES IN THEIR BID.
2. THE CONTRACTOR SHALL INDEMNIFY THE OWNER, THE ENGINEER, AND THE MUNICIPALITY, THEIR AGENTS, ETC. FROM ALL LIABILITY INVOLVED WITH THE CONSTRUCTION OF THIS PROJECT.
3. SITE SAFETY IS THE RESPONSIBILITY OF THE CONTRACTOR.
4. SOIL CONDITIONS SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO COMMENCEMENT OF CONSTRUCTION. A GEOTECHNICAL REPORT IS AVAILABLE FROM THE OWNER. THE CONTRACTOR SHALL ABIDE BY THE RECOMMENDATIONS OF THE GEOTECHNICAL ENGINEER.
5. THE CONTRACTOR SHALL OBTAIN AND PAY FOR ALL PERMITS REQUIRED FOR EXECUTION OF THE WORK. THE CONTRACTOR SHALL CONDUCT THEIR WORK ACCORDING TO THE REQUIREMENTS OF THE PERMITS.
6. THE CONTRACTOR IS RESPONSIBLE FOR EXAMINING ALL SITE CONDITIONS PRIOR TO COMMENCEMENT OF CONSTRUCTION AND SHALL COMPARE FIELD CONDITIONS WITH DRAWINGS.
7. CONTRACTOR SHALL PROTECT ADJACENT PROPERTIES DURING CONSTRUCTION. ANY PROPERTY (PRIVATE OR PUBLIC) WHICH ARE DAMAGED DURING CONSTRUCTION MUST BE RESTORED TO ORIGINAL CONDITIONS BY THE CONTRACTOR. THE COST OF THE RESTORATION IS CONSIDERED INCIDENTAL, AND SHOULD BE INCLUDED IN THE BID PRICES.
8. THE CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFYING ALL UTILITY INFORMATION SHOWN ON THE PLANS PRIOR TO THE START OF CONSTRUCTION. THE CONTRACTOR SHALL CALL DIGGER'S HOTLINE TO REQUEST FIELD STAKING OF EXISTING UTILITIES AND NOTIFY THE UTILITIES OF THE PROJECT COMPONENTS.
9. CONTRACTOR SHALL ENSURE ALL MUD AND DEBRIS IS NOT DEPOSITED ONTO THE ADJACENT ROADWAYS PER THE REQUIREMENT OF THE AGENCY HAVING JURISDICTION ON THE ROADWAYS.
10. SUBMITTALS:
 - A. SHOP DRAWINGS AND/OR MANUFACTURER'S PRODUCT DATA SUBMITTALS ARE REQUIRED ONLY IF THE PROJECT OR METHOD OF CONSTRUCTION:
 - a. IS DIFFERENT FROM THAT SPECIFIED OR
 - b. IS PART OF THE WORK THAT WILL BE DEDICATED AS A PUBLIC UTILITY OR ROADWAY AT THE END OF THE PROJECT OR
 - c. IF REQUIRED BY THE MUNICIPAL ENGINEER.
 - B. FOR UTILITY OR ROAD WORK THAT WILL BE DEDICATED TO A MUNICIPALITY, CONTRACTOR MUST MAKE SUBMITTALS TO THE MUNICIPALITY AS WELL AS ENGINEER.

PAVING

1. THE PROPOSED IMPROVEMENTS SHALL BE CONSTRUCTED ACCORDING TO THE WISCONSIN D.O.T. STANDARD SPECIFICATIONS FOR HIGHWAY AND STRUCTURE CONSTRUCTION, LATEST EDITION, AND THE LOCAL ORDINANCES AND SPECIFICATIONS, AND THE GEOTECHNICAL REPORT.
2. PAVING SHALL CONSIST OF FINE GRADING PAVEMENT AREA, INSTALLATION OF CRUSHED STONE BASE, CONCRETE AND/OR BITUMINOUS PAVEMENT, PAVEMENT MARKING, AND CLEANUP. ALL MATERIALS SHALL BE PROVIDED BY THE CONTRACTOR.
3. AGGREGATES USED IN THE HMA SHALL BE IN ACCORDANCE WITH SUBSECTION 460.2.2.3 OF THE STANDARD SPECIFICATIONS.
4. CONCRETE CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE FOLLOWING SECTIONS OF THE STANDARD SPECIFICATIONS: SECTION 415 FOR CONCRETE PAVEMENT AND SECTION 602 FOR CONCRETE SIDEWALKS.
5. PAVEMENT MARKINGS SHALL BE PAINT IN ACCORDANCE WITH SECTION 646 OF THE STANDARD SPECIFICATIONS. THE FOLLOWING ITEMS SHALL BE PAINTED WITH COLORS NOTED BELOW:

PARKING STALLS: WHITE
PEDESTRIAN CROSSWALKS: WHITE
ADA SYMBOLS: BLUE OR PER LOCAL CODE
EXTERIOR SIDEWALK CURBED, LIGHTPOLE BASES, AND GUARD POSTS:
YELLOW



Endpoint Solutions

6871 S. LOVERS LANE
FRANKLIN, WI 53132
PHONE: (414) 427-1200

BLUE BAY RESTAURANT REDEVELOPMENT

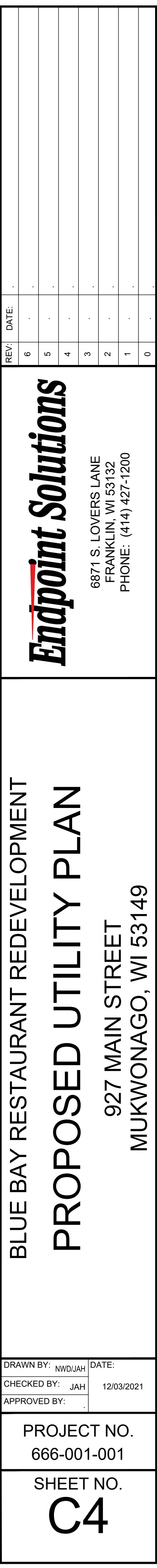
PROPOSED SITE PLAN

927 MAIN STREET
MUKWONAGO, WI 53149

DRAWN BY: NWD/JAH	DATE:
CHECKED BY: JAH	12/03/2021
APPROVED BY:	

PROJECT NO.
666-001-001

SHEET NO.
C2





Village of Mukwonago GIS
Aerial Photo North Parcel

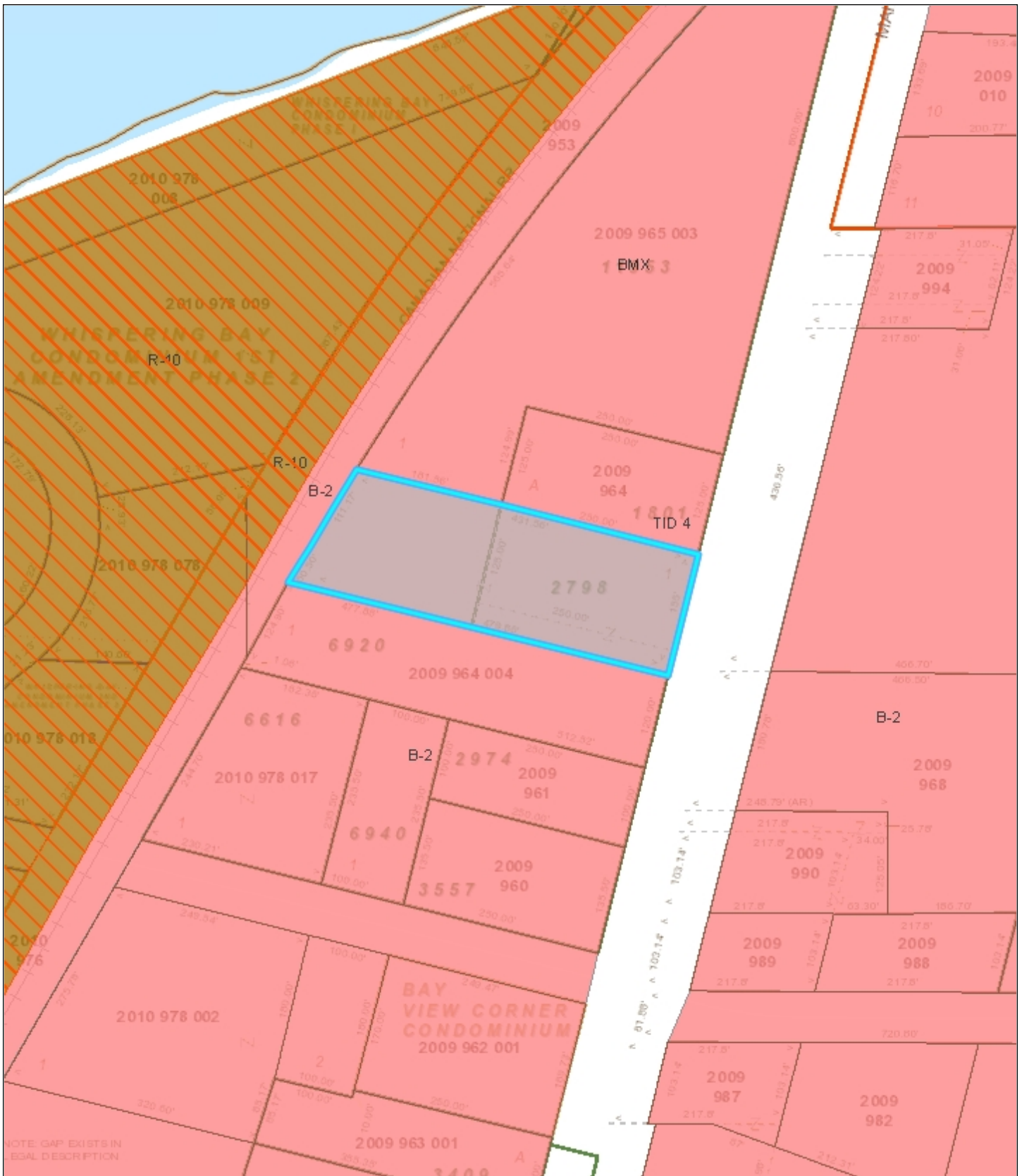
DISCLAIMER: The Village of Mukwonago does not guarantee the accuracy of the material contained here in and is not responsible for any misuse or misrepresentation of this information or its derivatives.



SCALE: 1" = 200'

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

Print Date: 1/5/2022



Village of Mukwonago GIS Zoning North Parcel

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: 1/5/2022



Village of Mukwonago GIS
Aerial South Parcel

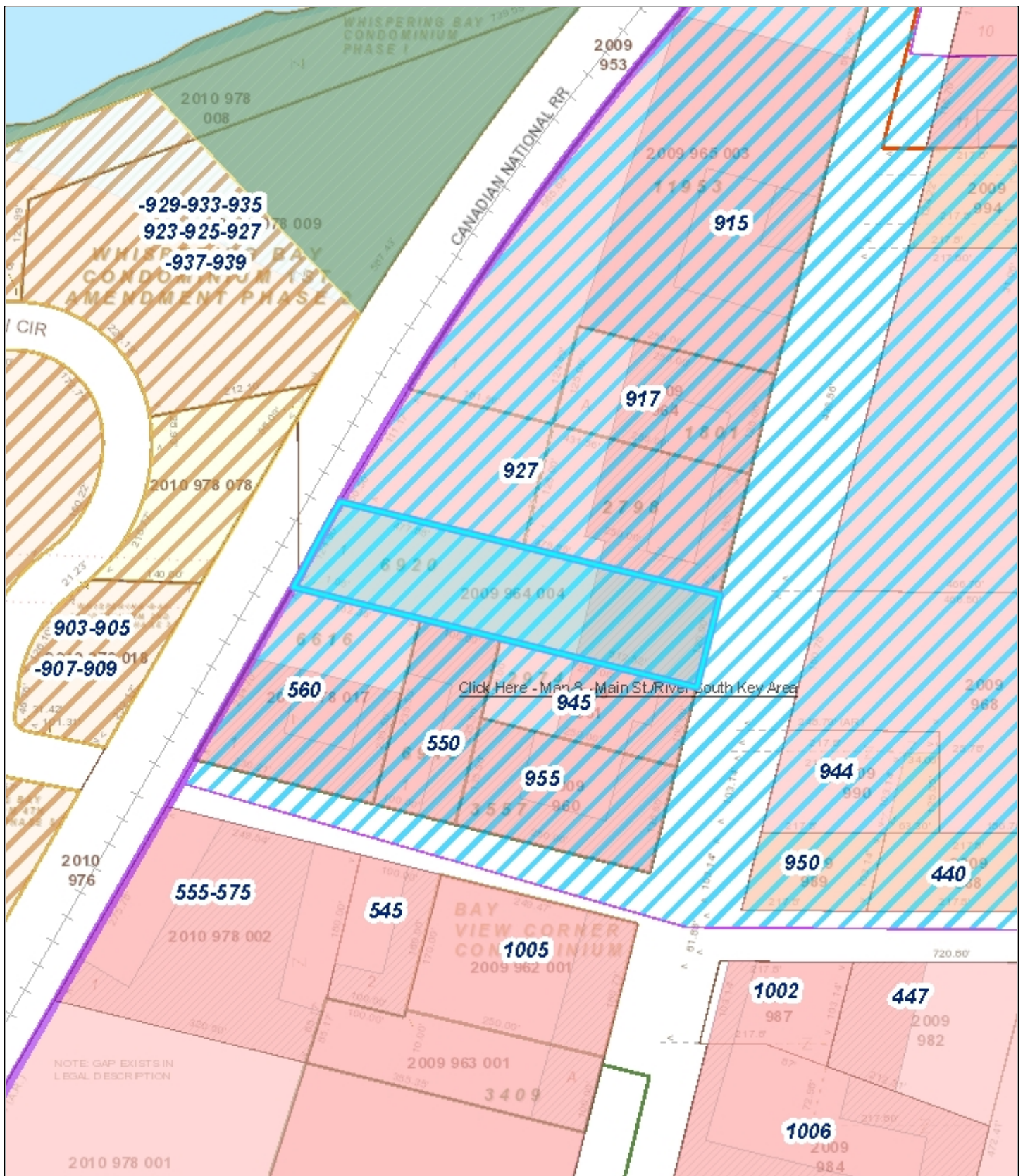
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SCALE: 1" = 167'

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

Print Date: 1/5/2022



Village of Mukwonago GIS Land Use South Parcel

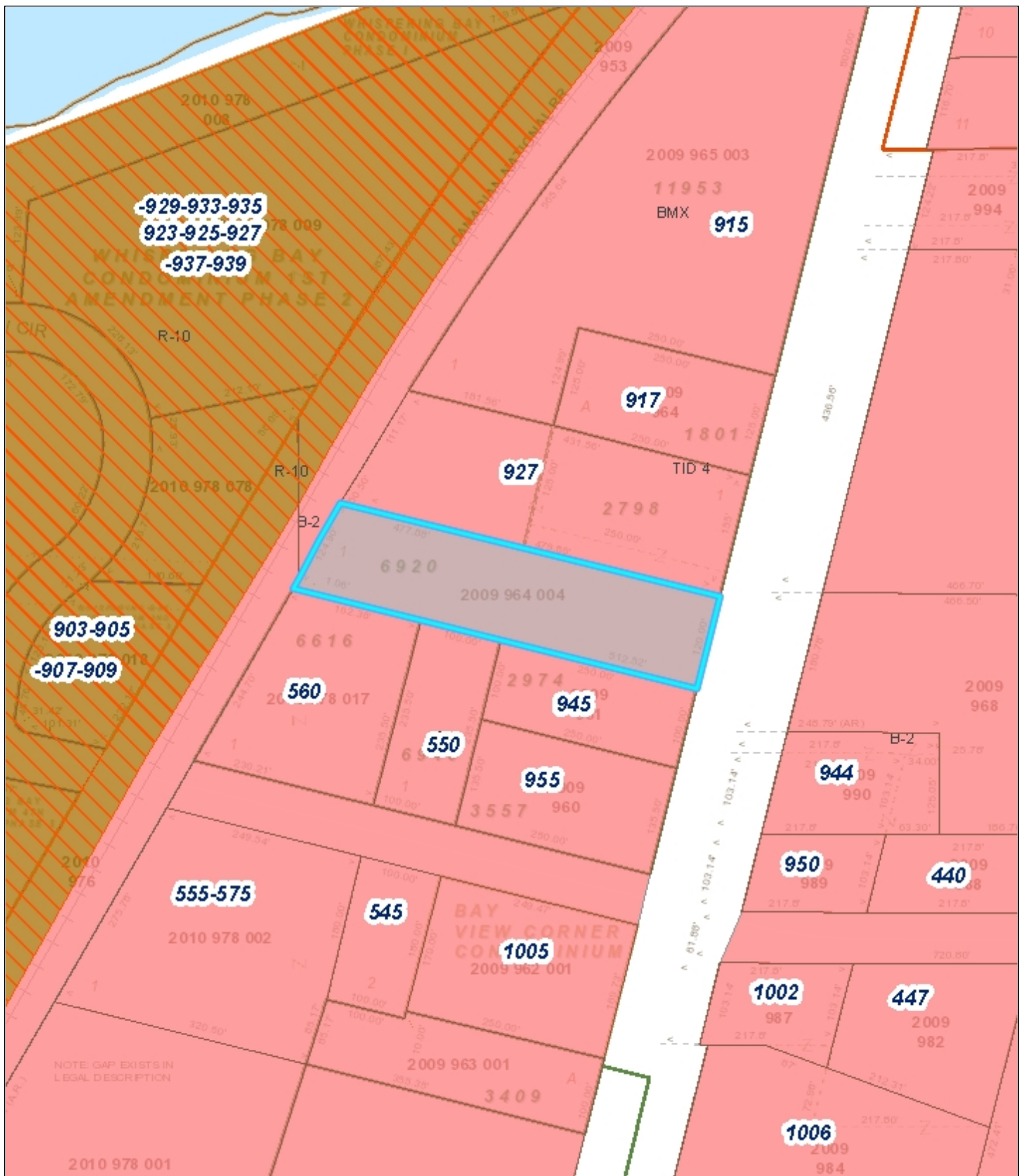
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262-363-6420

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Village of Mukwonago GIS Zoning South Parcel

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

Print Date: 1/5/2022

December 7, 2021

Mr. John Fellows, Assoc. AIA, CPM, AICP
Community Planner
Village of Mukwonago
440 River Crest Court
Mukwonago, WI 53149

Re: Blue Bay Mixed Use Development
Preliminary Storm Water Review

Dear Mr. Fellows:

We have reviewed the plan commission submittal for the Blue Bay Mixed Use Development. The submittal contained civil site plans and a storm water management plan, both dated December 3, 2021. This review is required by the Village Storm Water Ordinance to determine if early site planning has accounted for the requirements of the Ordinance. The intent is to avoid large changes to developments after the Planning Commission and Village Board have approved the concept and site plan.

We believe the plans, as submitted, can meet the requirements of the Village Ordinance and as such this letter will serve as the preliminary storm water review letter as detailed in 34-107(b) of the Village Ordinance. A full detailed technical review of the construction plans will be performed, prior to recommendation for approval for construction.

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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

PWG:pwg

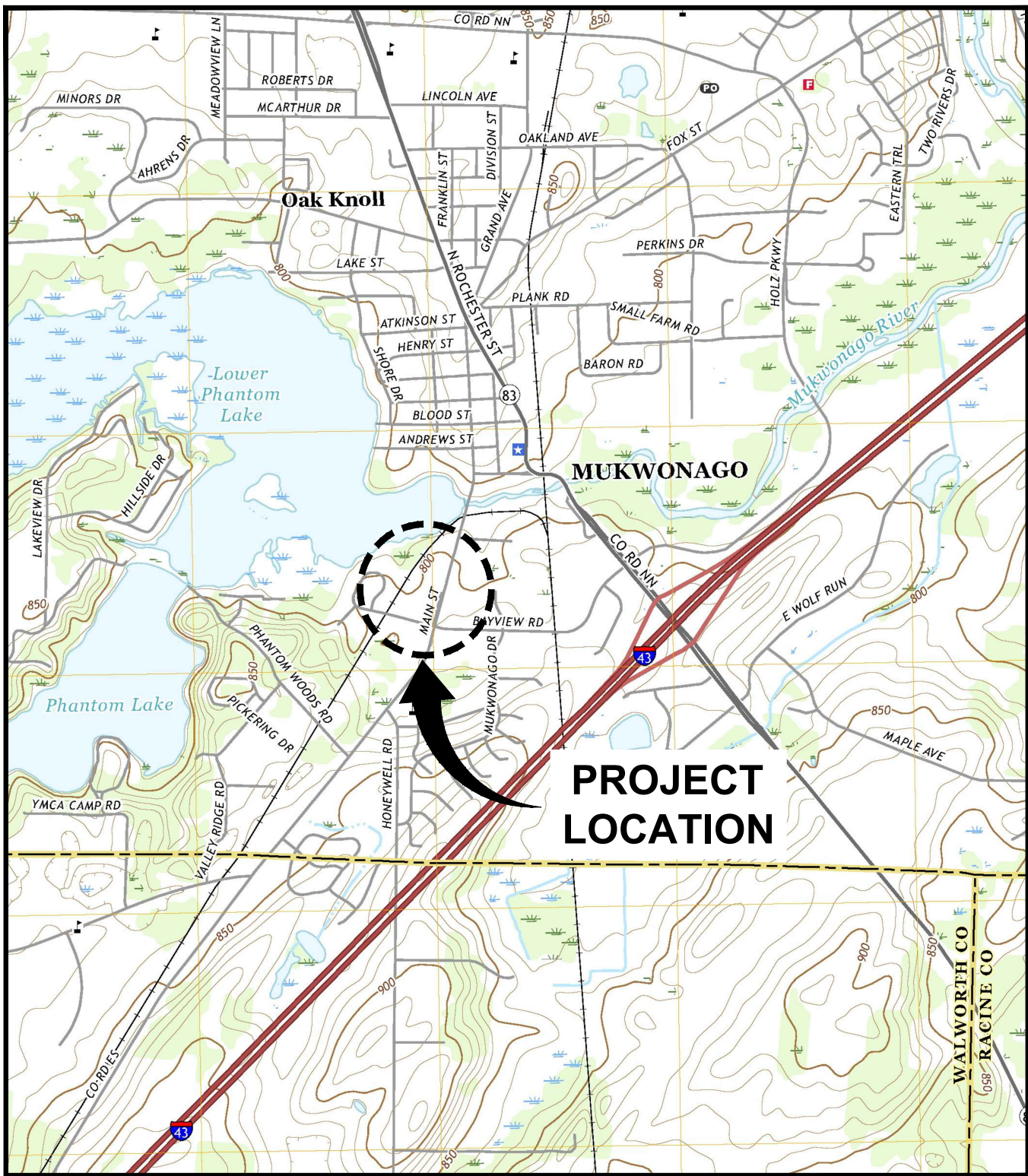
cc: Tim Rutenbeck, Village of Mukwonago
Dave Brown, Village of Mukwonago
Wayne Castle, Village of Mukwonago
Ron Bittner, Village of Mukwonago
Daniel Streit, Village of Mukwonago
Jeff Stien, Village of Mukwonago
Jerad J. Wegner, P.E., Ruekert & Mielke, Inc.

BLUE BAY RESTAURANT REDEVELOPMENT

BLUE BAY RESTAURANT MUKWONAGO, WISCONSIN

CALL OR CLICK 3 WORKING DAYS BEFORE YOU DIG

Help Us...
Help You...
Protect
Your Facilities!



LOCATION MAP



PROJECT
LOCATION



DATE ISSUED
DECEMBER 3, 2021

927 MAIN STREET
MUKWONAGO, WISCONSIN 53149

Endpoint Solutions

CONTACTS

SITE ADDRESS/OWNER:
BLUE BAY RESTAURANT
927 MAIN STREET
MUKWONAGO, WISCONSIN 53149
CONTACT: VICTOR ISLAMI
PHONE: (262) 378-8888
EMAIL: VLAZNIMISLAMI@YAHOO.COM

ENGINEER/AGENT:
ENDPOINT SOLUTIONS CORP.
6871 S. LOVERS LANE
FRANKLIN, WI 53132
CONTACT: JASON HEINONEN, P.E.
PHONE: 414-858-1920
EMAIL: JASON@ENDPOINTCORPORATION.COM

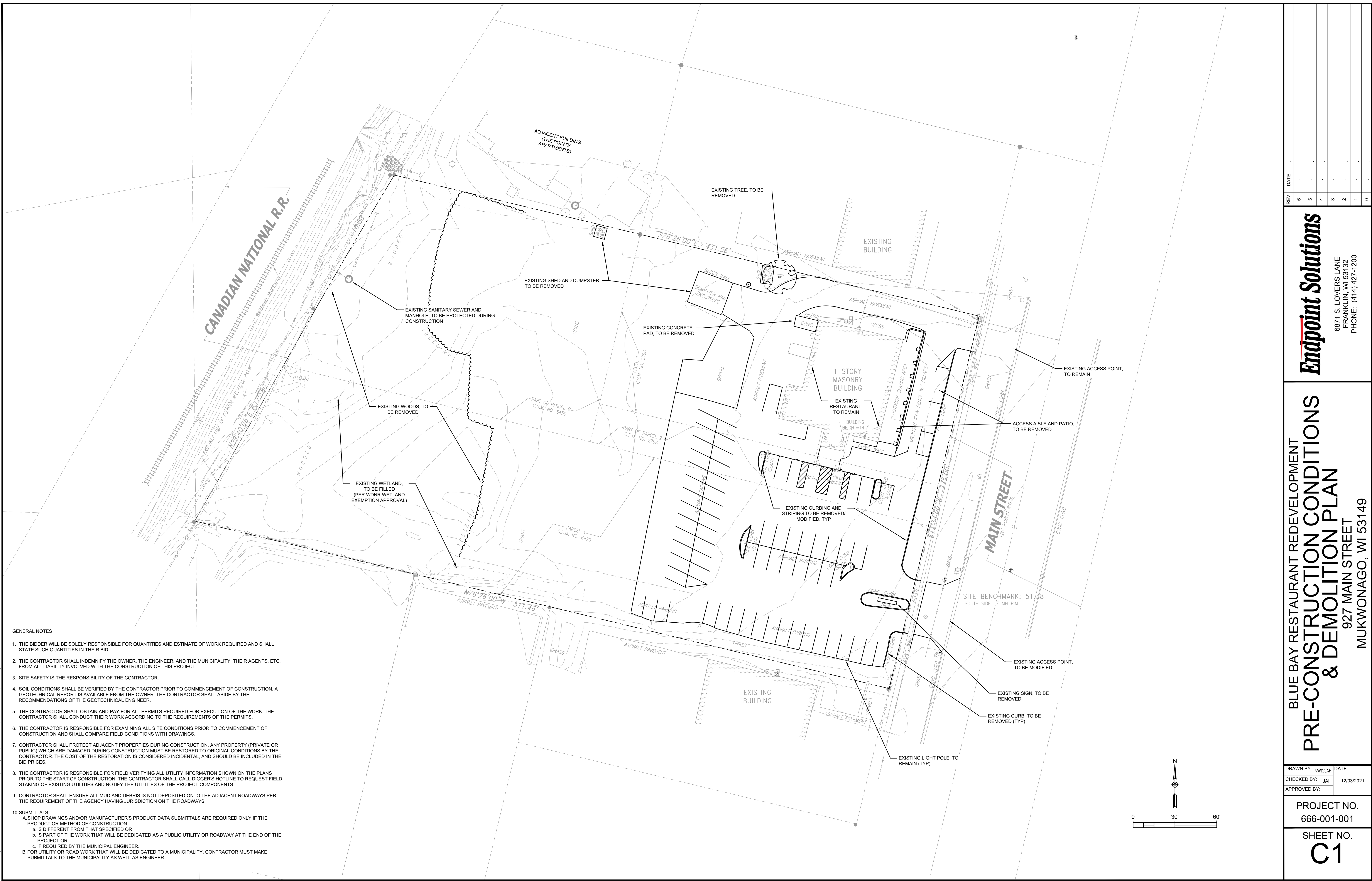
DRAWING SHEET INDEX

- | | |
|-------|---|
| CS | COVER SHEET |
| C1 | PRE-CONSTRUCTION CONDITIONS & DEMOLITION PLAN |
| C2 | PROPOSED SITE PLAN |
| C3 | PROPOSED GRADING AND EROSION CONTROL PLAN |
| C4 | PROPOSED UTILITY PLAN |
| C5-C6 | DETAIL SHEETS |

REVISION LOG

REVISION	ISSUE DATE	REVISED SHEETS	ISSUED FOR

Dec 03, 2021 2:30pm PLOTTED BY: jheinonen SAVED BY: jheinonen
P:\Vector\ismi - 666\001 - Blue Bay Restaurant\CAD\001-001\SHD CI_666-001-001-Pre-Construction Conditions and Demolition Plandwg Layout1
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XREFS: .\Endpoint Border Blue Bay.dwg; .\Base Map from Chopt.dwg



Endpoint Solutions

6871 S. LOVERS LANE
FRANKLIN, WI 53132
PHONE: (414) 427-1200

BLUE BAY RESTAURANT REDEVELOPMENT

PRE-CONSTRUCTION CONDITIONS
& DEMOLITION PLAN

927 MAIN STREET
MUKWONAGO, WI 53149

DRAWN BY: NWD/JAH DATE:

CHECKED BY: JAH 12/03/2021

APPROVED BY:

PROJECT NO.

666-001-001

SHEET NO.

C1

Dec 03, 2021 2:31pm PLOTTED BY: jhelonen SAVED BY: jhelonen C3:666-001-001-Proposed Grading Plan.dwg Layout1
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XREFS: P:\Victor Islami - 666\001 - Blue Bay Restaurant\CAD\001-001\Base Map from Chaput.dwg; P:\Victor Islami - 666\001 - Blue Boy Restaurant\CAD\001-001\Blue Boy - Proposed Grading Plan.dwg

- EXISTING MAJOR CONTOUR, (5' INTERVAL)
- EXISTING MINOR CONTOUR, (1' INTERVAL)
- PROPOSED MAJOR CONTOUR, (5' INTERVAL)
- PROPOSED MINOR CONTOUR, (1' INTERVAL)
- PROPOSED SPOT GRADE
- PROPOSED SPOT GRADE, MATCH EXISTING
- PROPOSED SPOT GRADE, BOTTOM OF CURB
- PROPOSED SPOT GRADE, TOP OF CURB
- PROPOSED SPOT GRADE, TOP OF WALL
- PROPOSED SPOT GRADE, BOTTOM OF WALL
- PROPOSED SILT FENCE
- PROPOSED INLET PROTECTION
- IRON PIPE FOUND
- POST
- UTILITY POLE

CANADIAN NATIONAL R.R.

EXISTING WETLAND,
PROTECT DURING
CONSTRUCTION

PROPOSED BIORETENTION (B2)
BASE: 44.50
IE: 42.00
OVERFLOW: 46.50

PROPOSED MULTI-FAMILY
RESIDENTIAL
3-STORY
17,280 SF/FLOOR
FF 50.50

PROPOSED BIORETENTION (B1)
BASE: 47.00
IE: 45.00
OVERFLOW: 48.50

PROPOSED 3-FT.
CURB CUT

PROPOSED 3-FT.
CURB CUT

PROPOSED WISDOT LIGHT
RIPRAP AT ALL CURB CUTS.
MIN. 5' WIDE AND 5' INTO BASE
OF BIORETENTION BASE

PROPOSED TRACKING PAD
(LOCATION TO BE
DETERMINED BASED ON
PROJECT PHASING)

PROPOSED INLET
PROTECTION

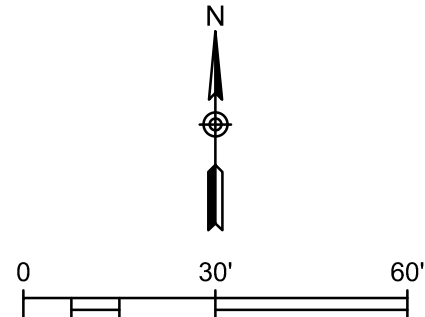
MAIN STREET

PROPOSED INLET
PROTECTION

- GENERAL GRADING NOTES
1. THE PROPOSED IMPROVEMENTS SHALL BE CONSTRUCTED ACCORDING TO THE D.O.T. STANDARD SPECIFICATIONS, LOCAL ORDINANCES AND SPECIFICATIONS, AND RECOMMENDATIONS IN THE GEOTECHNICAL REPORT.
 2. THE CONTRACTOR SHALL ASSUME SOLE RESPONSIBILITY FOR THE COMPUTATIONS OF ALL GRADING AND FOR ACTUAL LAND BALANCE, INCLUDING UTILITY TRENCH SPOIL. THE CONTRACTOR SHALL IMPORT OR EXPORT MATERIAL AS NECESSARY TO COMPLETE THE PROJECT.
 3. GRADING SHALL CONSIST OF CLEARING AND GRUBBING EXISTING VEGETATION, STRIPPING TOPSOIL, REMOVAL OF EXISTING PAVEMENT OR FOUNDATIONS, IMPORTING OR EXPORTING MATERIAL TO ACHIEVE AND ON-SITE EARTHWORK BALANCE, GRADING THE PROPOSED BUILDING PADS AND PAVEMENT AREAS, SCARIFYING AND FINAL COMPACTION OF THE PAVEMENT SUBGRADE, AND PLACEMENT OF TOPSOIL.
 4. THE CONTRACTOR SHALL MAINTAIN SITE DRAINAGE THROUGHOUT CONSTRUCTION.
 5. EROSION AND SEDIMENT CONTROL MEASURES ARE REQUIRED AS PART OF THIS PROJECT. CONSTRUCTION ACTIVITIES MUST COMPLY WITH ALL PROVISIONS OF LOCAL, STATE AND FEDERAL REGULATIONS AS WELL AS THE SITE SPECIFIC SWPPP (IF APPLICABLE). ALL LAND DISTURBING ACTIVITIES MAY BE SUBJECT TO INSPECTION BY LOCAL AUTHORITIES AND THE WISCONSIN DEPARTMENT OF NATURAL RESOURCES.
 6. CONTRACTOR SHALL MINIMIZE CLEARING AND DISTURBANCE TO THE ENVIRONMENT TO THE EXTENT POSSIBLE. CONTRACTOR RESPONSIBLE FOR RESTORATION OF ALL DISTURBED AREAS.
 7. RUBBISH, TRASH, GARBAGE, LITTER OR OTHER SUCH MATERIALS SHALL BE DISPOSED INTO SEALED CONTAINERS. MATERIALS SHALL BE PREVENTED FROM LEAVING THE SITE THROUGH THE ACTION OF WIND OR STORM WATER DISCHARGE INTO DRAINAGE DITCHES OR WATERS OF THE STATE. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR THE REMOVAL OF CONSTRUCTION WASTE IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL REGULATIONS.
 8. SILT FENCE AND OTHER EROSION CONTROL FACILITIES MUST BE INSTALLED PRIOR TO CONSTRUCTION OR ANY OTHER LAND DISTURBING ACTIVITY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING ALL EROSION CONTROL FACILITIES ONCE THE SITE HAS STABILIZED.
 9. NO FILL SHALL BE PLACED ON A WET OR SOFT SUBGRADE. THE SUBGRADE SHALL BE PROOF-ROLLED AND INSPECTED BY THE GEOTECHNICAL ENGINEER BEFORE ANY MATERIAL IS PLACED.
 10. ALL FILL SHALL BE CONSIDERED STRUCTURAL FILL AND SHALL BE PLACED IN ACCORDANCE WITH THE GEOTECHNICAL REPORT
 11. BEFORE PROCEEDING WITH ANY UTILITY CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE EACH EXISTING LATERAL OR POINT OF CONNECTION AND VERIFY THE SIZE, LOCATION AND ELEVATION OF ALL UTILITIES.
 12. TEMPORARY EROSION CONTROL MATTING SHALL BE PLACED ON ALL SLOPES THAT ARE STEEPER THAN 4:1.
 13. ALL PROPOSED CONTOURS REPRESENT FINAL FINISHED GRADE ELEVATIONS.

- EROSION AND SEDIMENT CONTROL
1. CONSTRUCT AND MAINTAIN EROSION CONTROL MEASURES IN ACCORDANCE WITH THE WISCONSIN DEPARTMENT OF NATURAL RESOURCES (WDNR) CHAPTERS NR 151 AND NR 216, WISCONSIN ADMINISTRATIVE CODE, AND APPROPRIATE WDNR TECHNICAL STANDARDS. EROSION AND SEDIMENT CONTROL PRODUCTS SHALL BE LISTED IN THE WISCONSIN DEPARTMENT OF TRANSPORTATION PRODUCT ACCEPTABILITY LIST (WisDOT PAL). THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING COPIES OF THESE STATE REQUIREMENTS, TECHNICAL STANDARDS, AND WisDOT PAL.
 2. IMPLEMENT EROSION AND SEDIMENT CONTROL BEST MANAGEMENT PRACTICES (BMPs) PRIOR TO SOIL DISTURBING ACTIVITIES (E.G., CLEARING, GRUBBING, TOPSOIL STRIPPING, EXCAVATION, MATERIAL STOCKPILING, ETC.). INSTALL EROSION CONTROL MEASURES AROUND STOCKPILE LOCATIONS.
 3. MINIMIZE DISTURBED AREA BY PHASING OR SEQUENCING CONSTRUCTION AND PRESERVING EXISTING VEGETATION WHERE POSSIBLE.
 4. DIVERT STORM WATER AWAY FROM DISTURBED OR EXPOSED AREAS WHEN POSSIBLE.
 5. PROTECT ADJACENT PROPERTIES WITH SEDIMENT BALE BARRIERS OR SILT FENCE UNTIL CONSTRUCTION IS COMPLETE IN ACCORDANCE WITH WDNR TECHNICAL STANDARDS 1055 OR 1056, RESPECTIVELY.
 6. INSTALL A GRAVEL TRACKING PAD AT EACH NONPAVED CONSTRUCTION AREA ENTRANCE IN ACCORDANCE WITH WDNR TECHNICAL STANDARD 1057. PAVED SURFACES ADJACENT TO CONSTRUCTION SITE VEHICLE ACCESS SHALL BE SWEEP AND/OR SCRAPPED PERIODICALLY TO REMOVE SOIL, DIRT, AND/OR DUST.

- CONSTRUCTION SEQUENCE
1. INSTALL SILT FENCE AND INLET PROTECTION AS SHOWN ON PLAN. MAINTAIN AS NECESSARY DURING CONSTRUCTION. INSPECT FOLLOWING RAIN EVENTS.
 2. INSTALL TRACKING PAD.
 3. CLEAR AND GRUB SITE AND STRIP TOPSOIL. TEMPORARILY STOCKPILE TOPSOIL ON SITE (EXCESS TO BE REMOVED FROM SITE ACCORDING TO GENERAL CONTRACTORS CONSTRUCTION PHASING PLAN).
 5. GRADE SITE.
 6. STABILIZE DISTURBED GROUND WITH TEMPORARY SEED, FERTILIZER, AND MULCH.
 7. CONTRACTOR SHALL REMOVE ALL TEMPORARY EROSION CONTROL BMPs WHEN DISTURBED AREAS ARE PERMANENTLY STABILIZED AND NO LONGER SUSCEPTIBLE TO EROSION.
 8. FOLLOWING STABILIZATION, VERIFY POND DEPTH AND REMOVE SEDIMENT IF NECESSARY TO MEET DESIGN GRADES.



BLUE BAY RESTAURANT REDEVELOPMENT
**PROPOSED GRADING AND
EROSION CONTROL PLAN**
927 MAIN STREET
MUKWONAGO, WI 53149

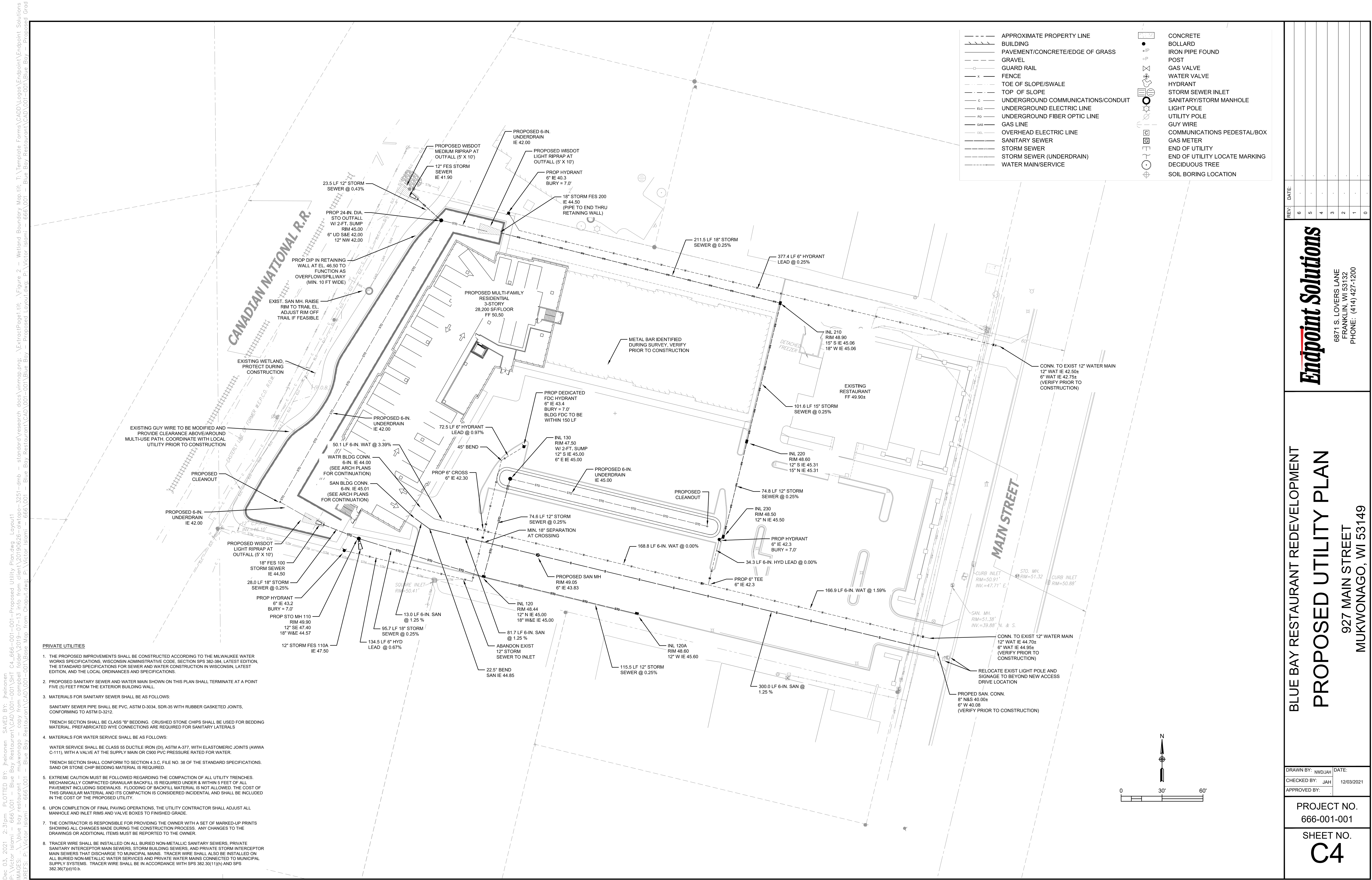
DRAWN BY: NWD/JAH DATE:
CHECKED BY: JAH 12/03/2021
APPROVED BY:

PROJECT NO.
666-001-001

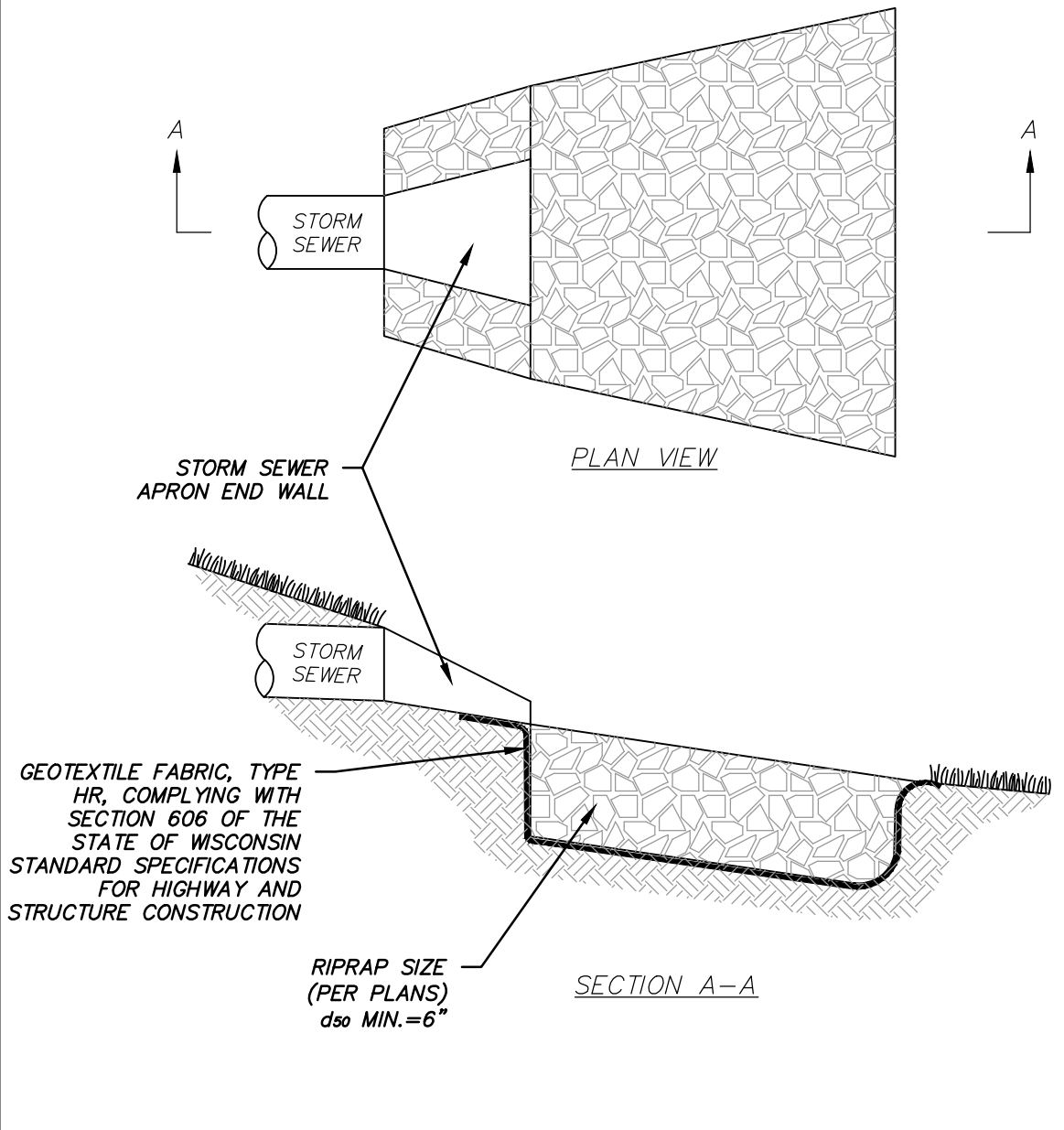
SHEET NO.
C3

Endpoint Solutions
6871 S. LOVERS LANE
FRANKLIN, WI 53132
PHONE: (414) 427-1200

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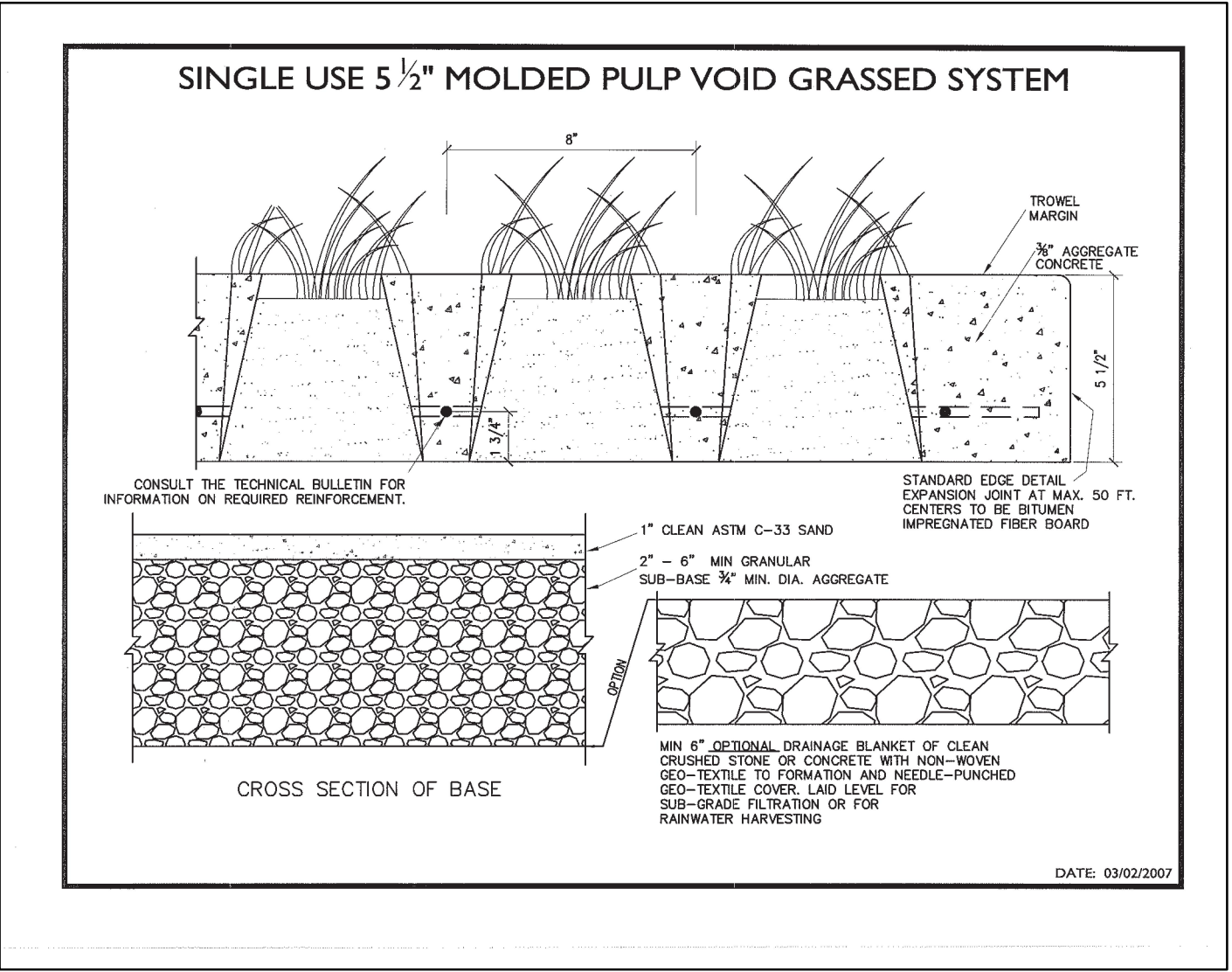
Dec 03, 2021 2:31pm PLOTTED BY: jheinonen SAVED BY: jheinonen C:\5666-001-001 Detail Sheet.dwg Layout1
P:\Victor Islami - 666\001 - Blue Bay Restaurant\CAD\001-001-SHT
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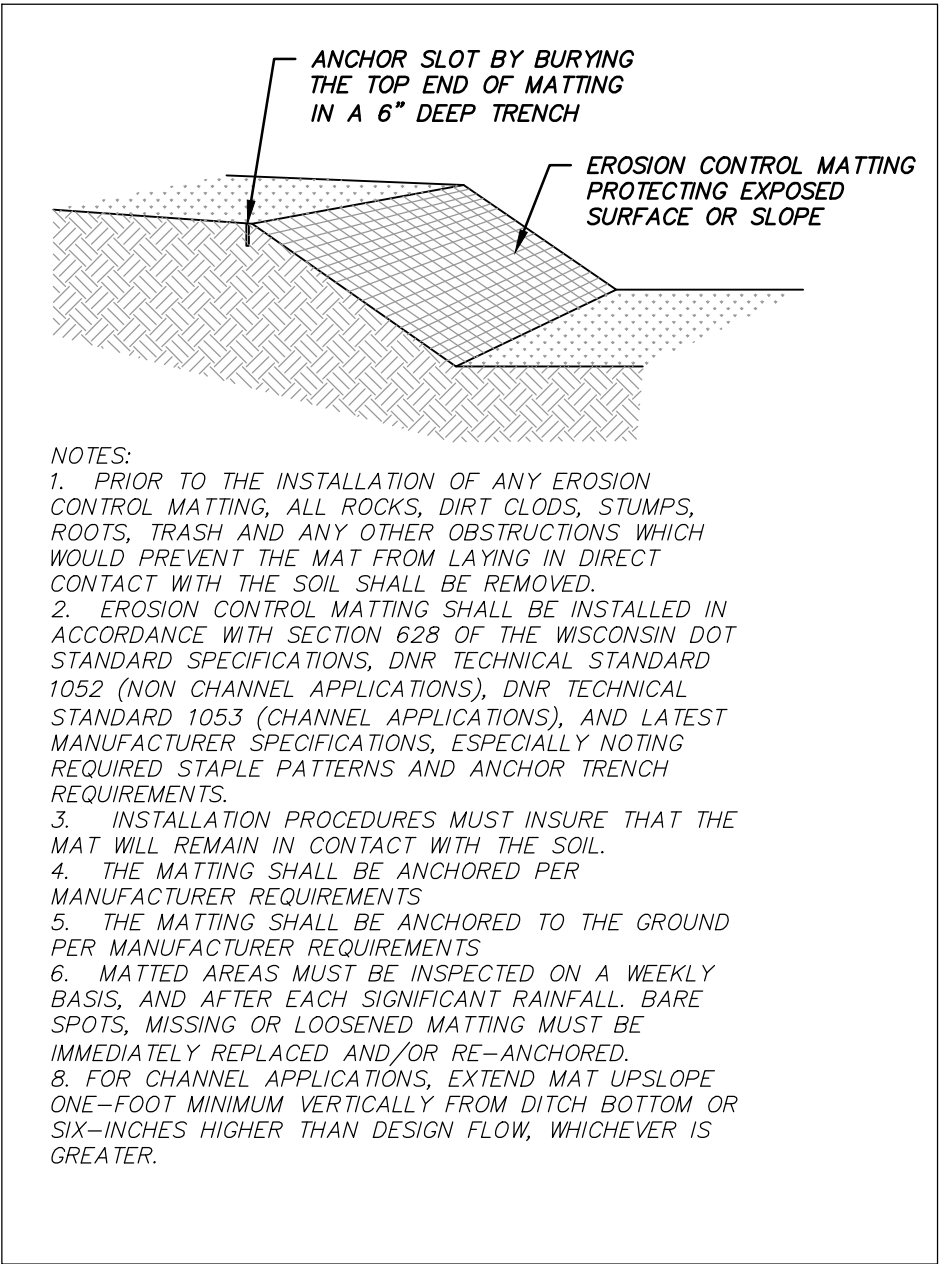
RIPRAP SHALL COMPLY WITH THE SECTION 606 OF THE STATE OF WISCONSIN STANDARD FOR HIGHWAY AND STRUCTURE CONSTRUCTION.

PLAN VIEW CONTOURS AND GRADES REPRESENT PROPOSED TOP OF RIPRAP ELEVATIONS.

RIPRAP DETAIL

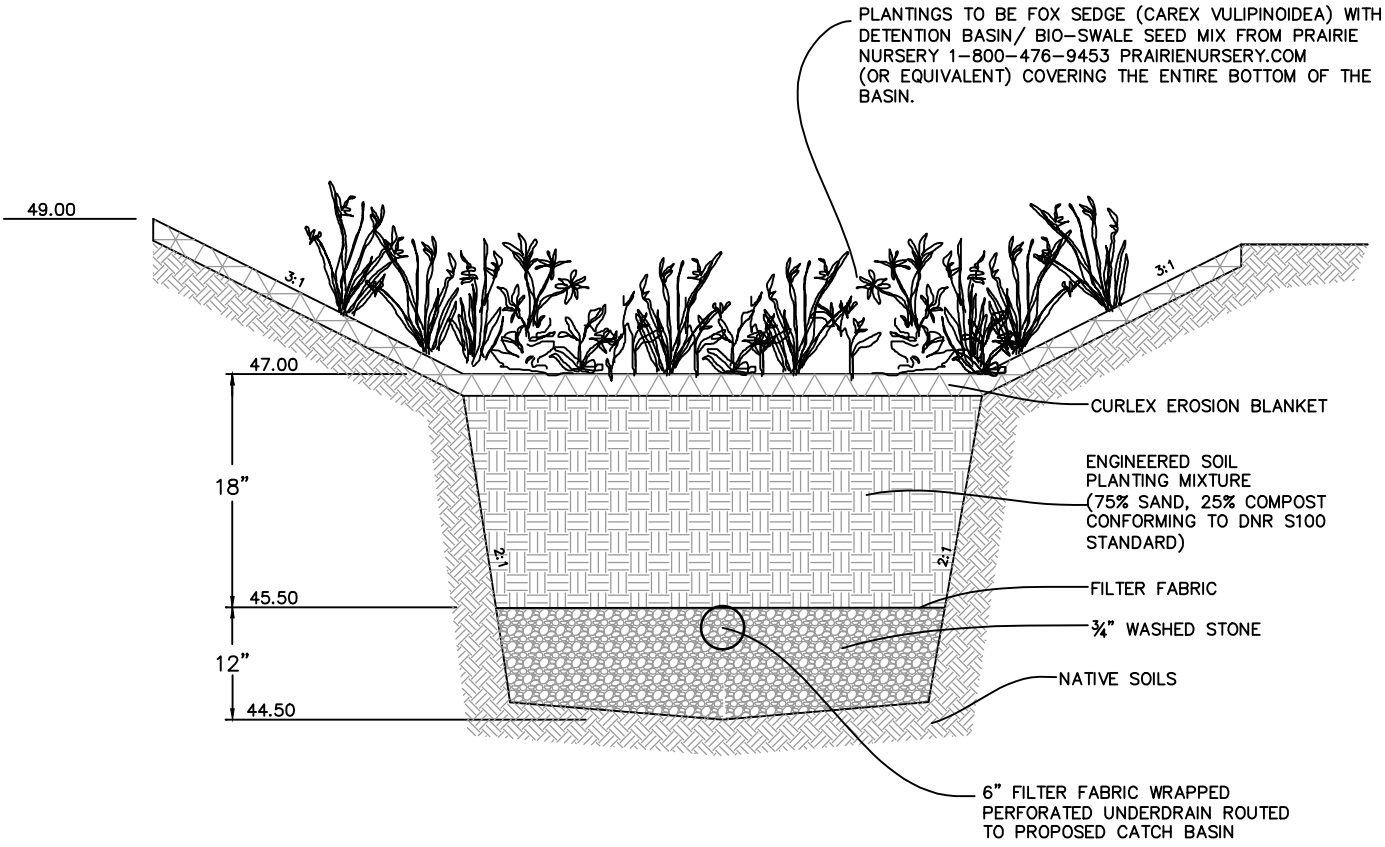


GRASSCRETE DETAIL



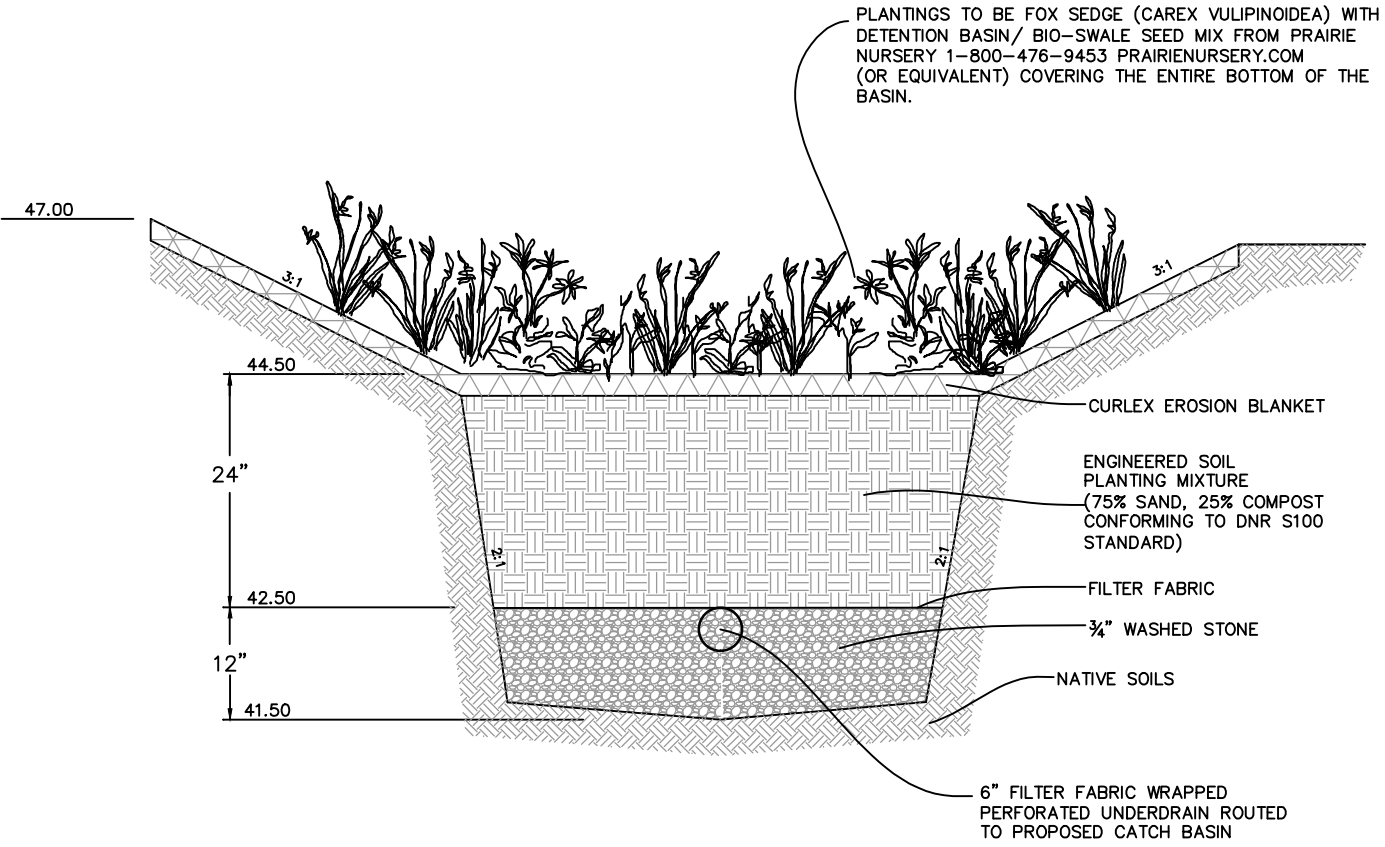
EROSION CONTROL MATTING DETAIL

NOTES:
1. PROVIDE EROSION CONTROL MATTING ON ALL SLOPES 4:1 AND GREATER.



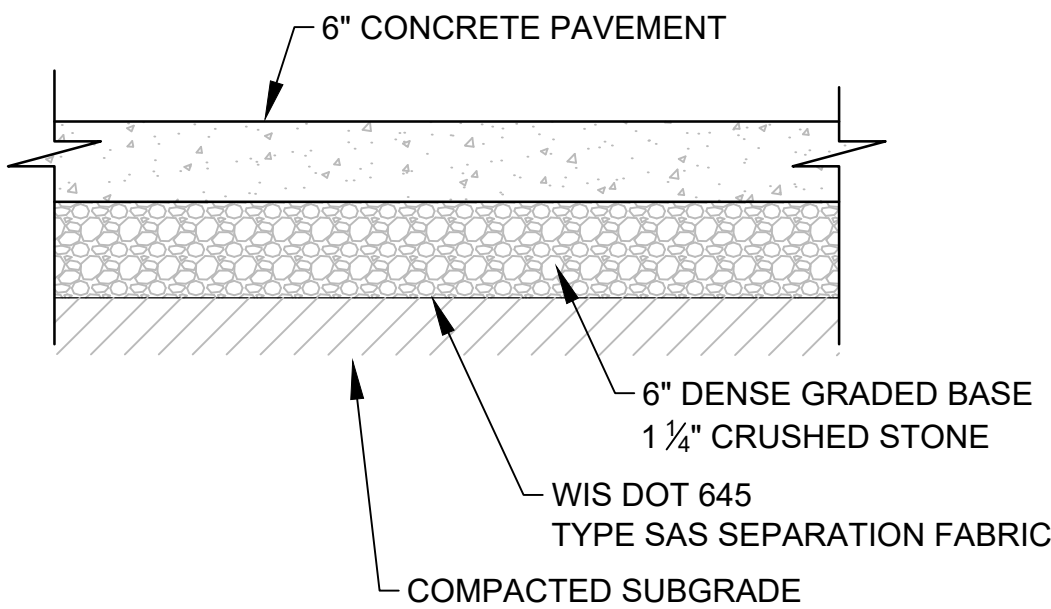
NOTES:
1. CONSTRUCT IN ACCORDANCE WITH MWR TECHNICAL STANDARDS.
2. IF USING SUPPLIER PROVIDED SOIL MIX, PRIOR TO CONSTRUCTION CONTRACTOR SHALL SUBMIT TO ENGINEER SUPPLIER CERTIFICATION THAT THE SOIL MIXTURE & COMPOST USED IN BIORETENTION BASIN MEET S100 AND 1004 REQUIREMENTS.
3. IF MIXING SOIL USING ON-SITE SAND, COORDINATE WITH OWNER'S GEOTECHNICAL ENGINEER TO IDENTIFY WHAT ON-SITE SAND TO USE. DOCUMENT WHAT ON-SITE SAND WAS USED. SUBMIT PROPOSED SOIL MIXING METHOD THAT WILL ENSURE PROPER MIXING. SUBMIT SAMPLE OF MIXED MATERIAL TO GEOTECHNICAL ENGINEER.
4. IF MIXING SOIL USING ON-SITE SAND, PRIOR TO CONSTRUCTION CONTRACTOR SHALL SUBMIT TO ENGINEER SUPPLIER CERTIFICATION THAT THE COMPOST USED IN BIORETENTION BASIN MEETS S100 REQUIREMENTS.
2. FOLLOWING SITE STABILIZATION, IF THERE ARE ANY CLOGGED/PONDING AREAS WITHIN THE BIORETENTION BASIN, THOSE AREAS SHALL HAVE THE TOP 1 FOOT OF MATERIAL REMOVED AND REPLACED WITH NEW ENGINEERED SOIL AND MULCH.

BIORETENTION B-1 DETAIL



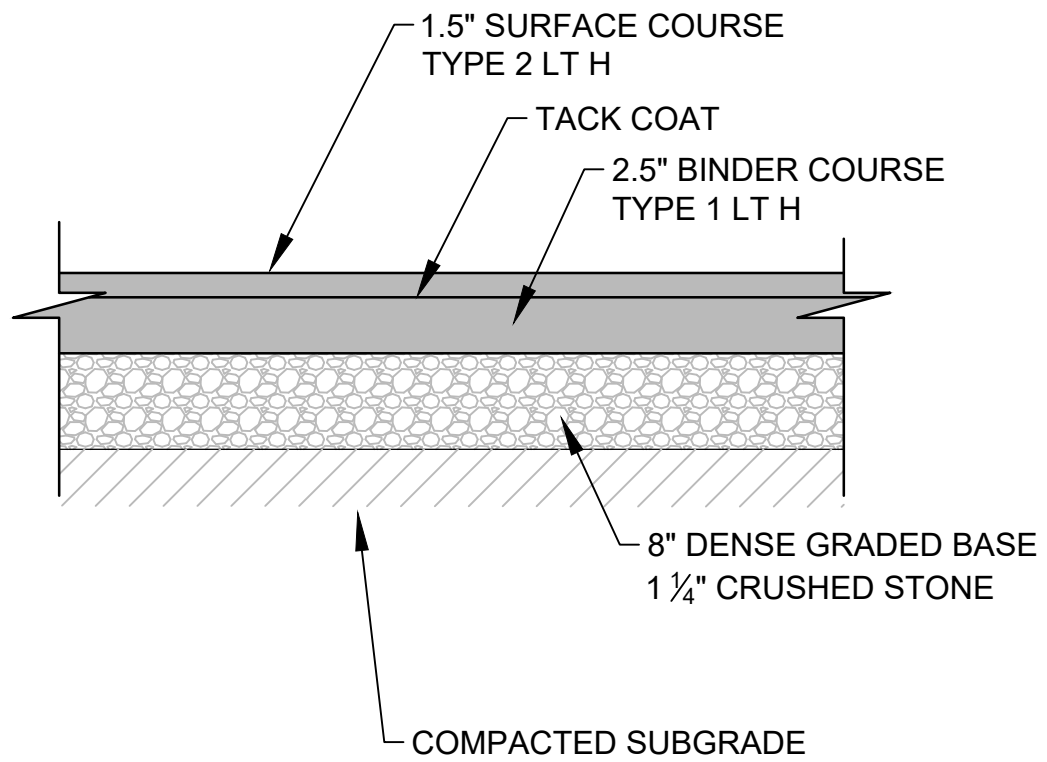
NOTES:
1. CONSTRUCT IN ACCORDANCE WITH MWR TECHNICAL STANDARDS.
2. IF USING SUPPLIER PROVIDED SOIL MIX, PRIOR TO CONSTRUCTION CONTRACTOR SHALL SUBMIT TO ENGINEER SUPPLIER CERTIFICATION THAT THE SOIL MIXTURE & COMPOST USED IN BIORETENTION BASIN MEET S100 AND 1004 REQUIREMENTS.
3. IF MIXING SOIL USING ON-SITE SAND, COORDINATE WITH OWNER'S GEOTECHNICAL ENGINEER TO IDENTIFY WHAT ON-SITE SAND TO USE. DOCUMENT WHAT ON-SITE SAND WAS USED. SUBMIT PROPOSED SOIL MIXING METHOD THAT WILL ENSURE PROPER MIXING. SUBMIT SAMPLE OF MIXED MATERIAL TO GEOTECHNICAL ENGINEER.
4. IF MIXING SOIL USING ON-SITE SAND, PRIOR TO CONSTRUCTION CONTRACTOR SHALL SUBMIT TO ENGINEER SUPPLIER CERTIFICATION THAT THE COMPOST USED IN BIORETENTION BASIN MEETS S100 REQUIREMENTS.
2. FOLLOWING SITE STABILIZATION, IF THERE ARE ANY CLOGGED/PONDING AREAS WITHIN THE BIORETENTION BASIN, THOSE AREAS SHALL HAVE THE TOP 1 FOOT OF MATERIAL REMOVED AND REPLACED WITH NEW ENGINEERED SOIL AND MULCH.

BIORETENTION B-2 DETAIL



TYPICAL CONCRETE PAVEMENT
NOT TO SCALE

NOTES:
1. A GEOTECHNICAL REPORT WILL BE COMPLETED PRIOR TO CONSTRUCTION. THE ABOVE DETAILS ARE SHOWN FOR REFERENCE ONLY.



TYPICAL ASPHALT PAVEMENT
NOT TO SCALE

NOTES:
1. A GEOTECHNICAL REPORT WILL BE COMPLETED PRIOR TO CONSTRUCTION. THE ABOVE DETAILS ARE SHOWN FOR REFERENCE ONLY.

BLUE BAY RESTAURANT REDEVELOPMENT

DETAIL SHEET

927 MAIN STREET
MUKWONAGO, WI 53149

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Endpoint Solutions

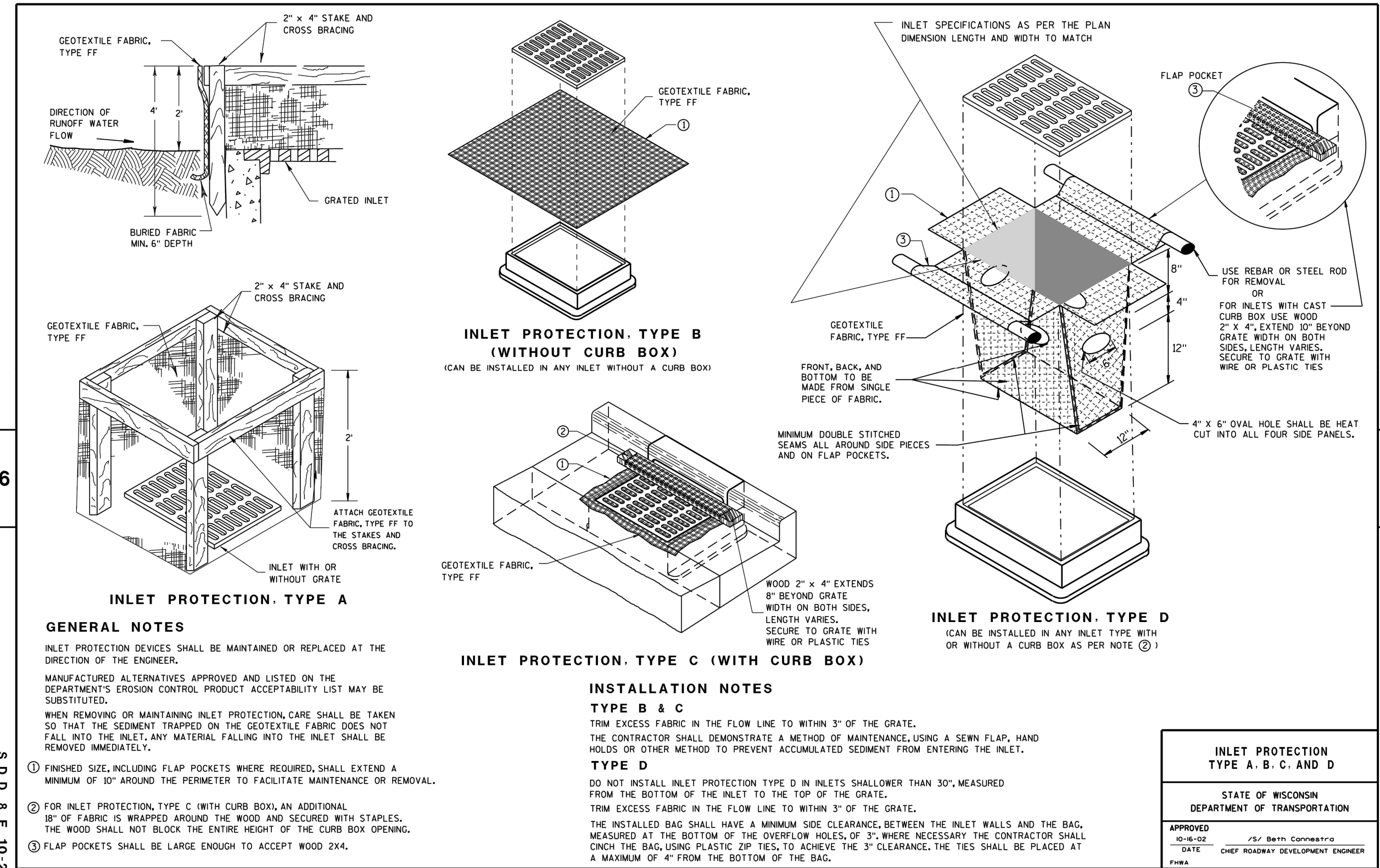
6871 S. LOVERS LANE
FRANKLIN, WI 53132
PHONE: (414) 427-1200

DRAWN BY: NWD/JAH DATE:
CHECKED BY: JAH 12/03/2021
APPROVED BY:

PROJECT NO.
666-001-001

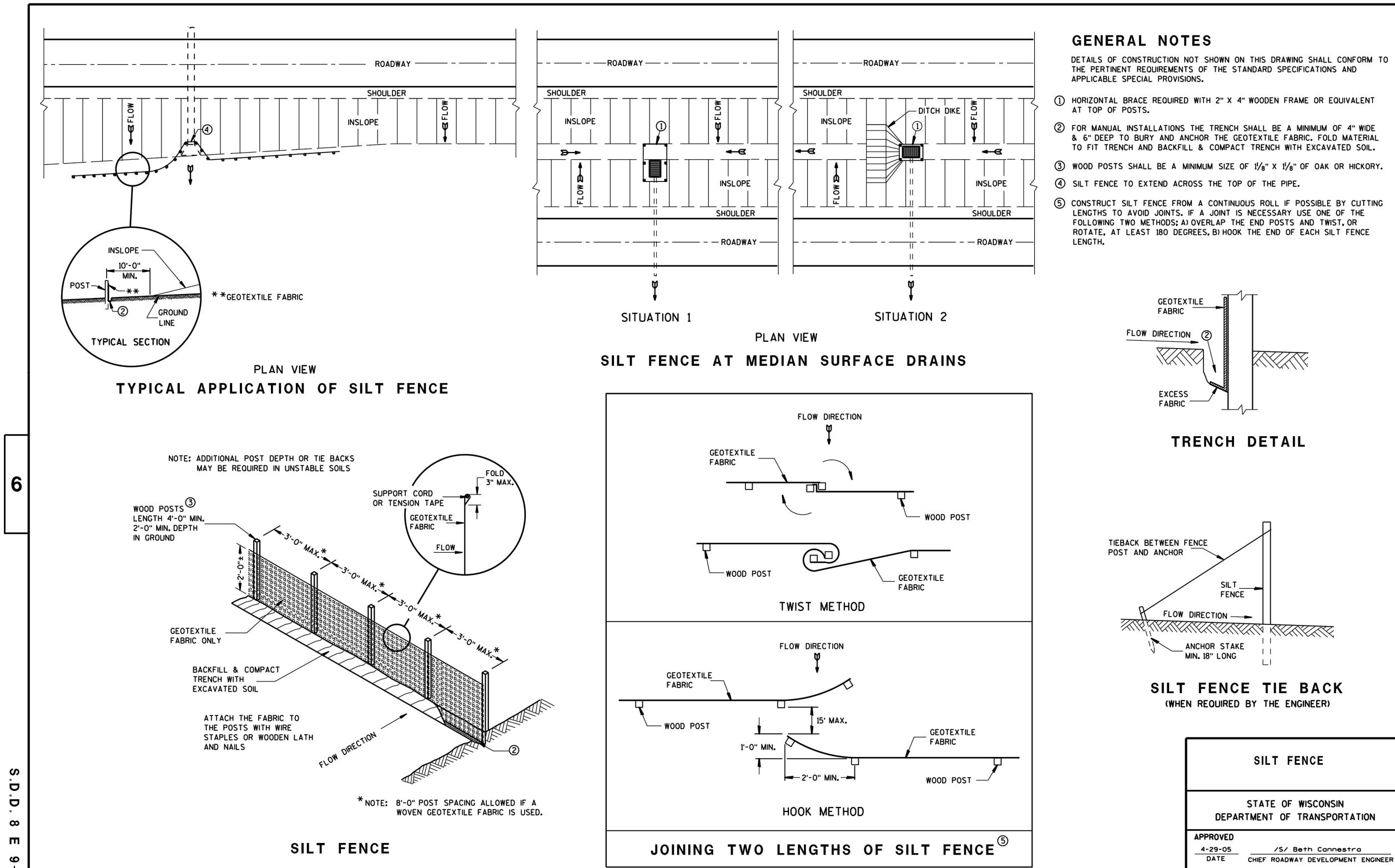
SHEET NO.
C5

8E10: Inlet Protection Type A, B, C and D



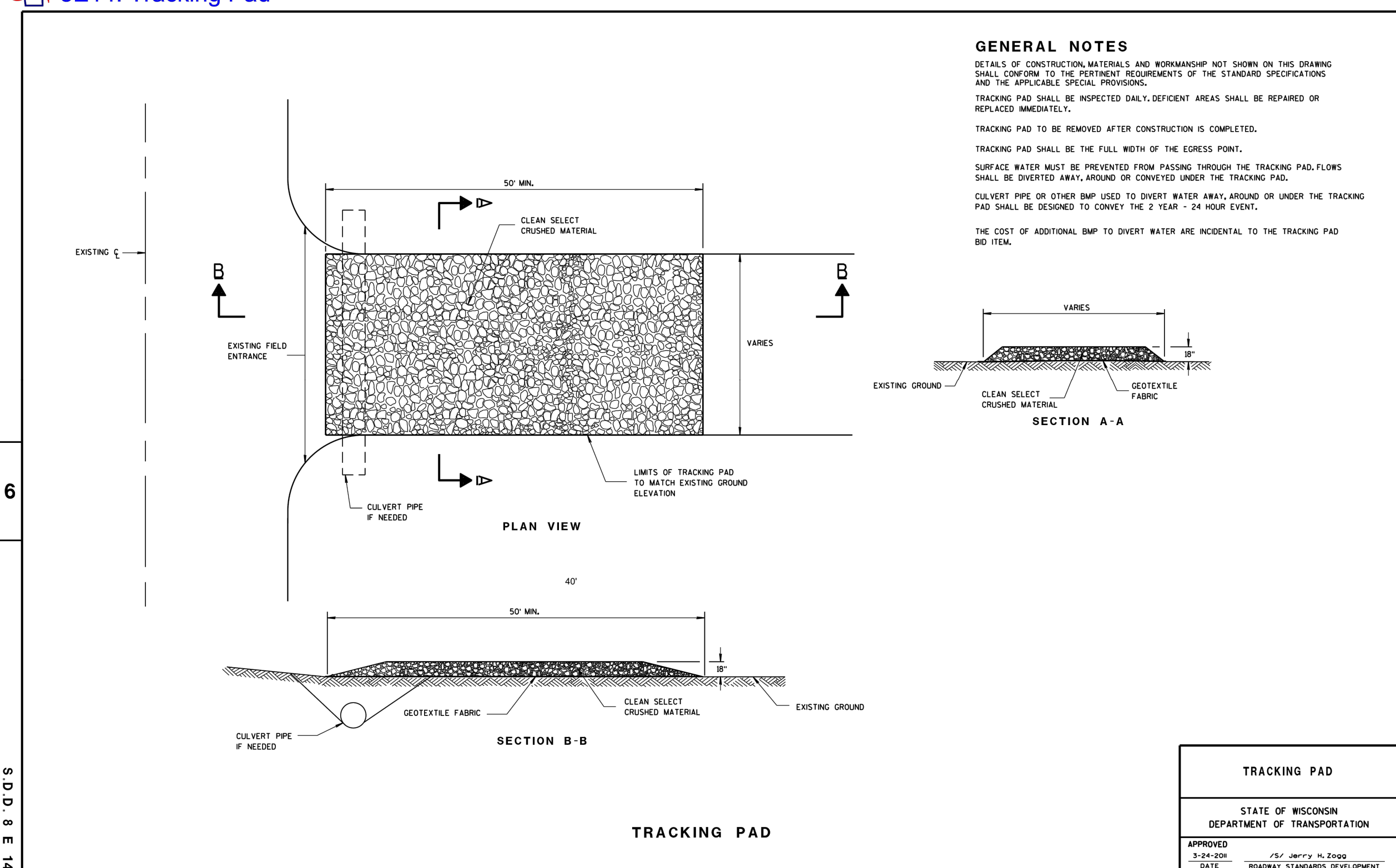
INLET PROTECTION
NOT TO SCALE

8E9: Silt Fence



SILT FENCE
NOT TO SCALE

8E14: Tracking Pad



TRACKING PAD
NOT TO SCALE

BLUE BAY RESTAURANT REDEVELOPMENT

DETAIL SHEET
927 MAIN STREET
MUKWONAGO, WI 53149

DRAWN BY: NWD/JAH DATE:
CHECKED BY: JAH 12/03/2021
APPROVED BY:

PROJECT NO.
666-001-001

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Endpoint Solutions

6871 S. LOVERS LANE
FRANKLIN, WI 53132
PHONE: (414) 427-1200

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Blue Bay Mixed Development

927 Main Street
Mukwonago, WI 53149



PROJECT TEAM:

OWNER:

Blue Bay Restaurant
927 Main Street
Mukwonago, WI 53149
TEL: (262) 363-8112
email: drn0210@gmail.com
ATTN: Victor Islam

ARCHITECT:

Schroeder and Holt Architects
311 E. Chicago, Suite 310
Milwaukee, WI 53202
TEL: (414) 276-1760
email: dbaum@sha-a2k.com
ATTN: David Baum

GENERAL CONTRACTOR/DEVELOPER:

Campbell Construction
461 River Crest Court
Mukwonago, WI 53149
TEL: (262) 436-4760
email: jay@campbellconstructionbbg.com
ATTN: Jay Campbell

CIVIL ENGINEER

Endpoint Solutions
6871 S. Lovers Lane
Franklin, WI 53132
TEL: (414) 427-1200
email: jason@endpointcorporation.com
ATTN: Jason Heinonen

SHEET INDEX:

PHASE 1

ARCHITECTURAL DRAWINGS

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A1.1 GROUND FLOOR PLANS
A1.2 SECOND AND THIRD FLOOR PLANS
A2.1 EXTERIOR ELEVATIONS
A2.2 EXTERIOR ELEVATIONS

CIVIL DRAWINGS

C5 COVER SHEET
C1 PRE-CONSTRUCTION CONDITIONS & DEMOLITION PLAN
C2 PROPOSED SITE PLAN
C3 PROPOSED GRADING AND EROSION CONTROL PLAN
C4 PROPOSED UTILITY PLAN
C5 DETAIL SHEET
C6 DETAIL SHEET

LANDSCAPE DRAWINGS & PHOTOMETRICS

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LSP1.2 PROPOSED PARTIAL LANDSCAPE PLAN, AND PLANT MATERIAL TABLE
LSP1.3 PROPOSED PARTIAL LANDSCAPE PLAN, AND PLANT MATERIAL TABLE
LSP1.4 PROPOSED LANDSCAPE PLAN, PLANTING DETAILS
PHO1.1 PROPOSED OVERALL LIGHTING PLAN, GENERAL NOTES, AND LIGHT FIXTURE TABLE
PHO1.2 PURPOSED PARTIAL PHOTOMETRIC LIGHT LEVEL CALCULATIONS PLAN
PHO1.3 PROPOSED PARTIAL PHOTOMETRIC LIGHT LEVEL CALCULATIONS PLAN
PHO1.4 PROPOSED LIGHT FIXTURES

PHASE 2

ARCHITECTURAL DRAWINGS

SP1.0 SITE PLAN
A1.1 GROUND FLOOR PLANS
A1.2 SECOND FLOOR PLAN
A1.3 THIRD FLOOR PLAN
A2.1 EXTERIOR ELEVATIONS
A2.2 EXTERIOR ELEVATIONS

BLUE BAY MIXED USE DEVELOPMENT

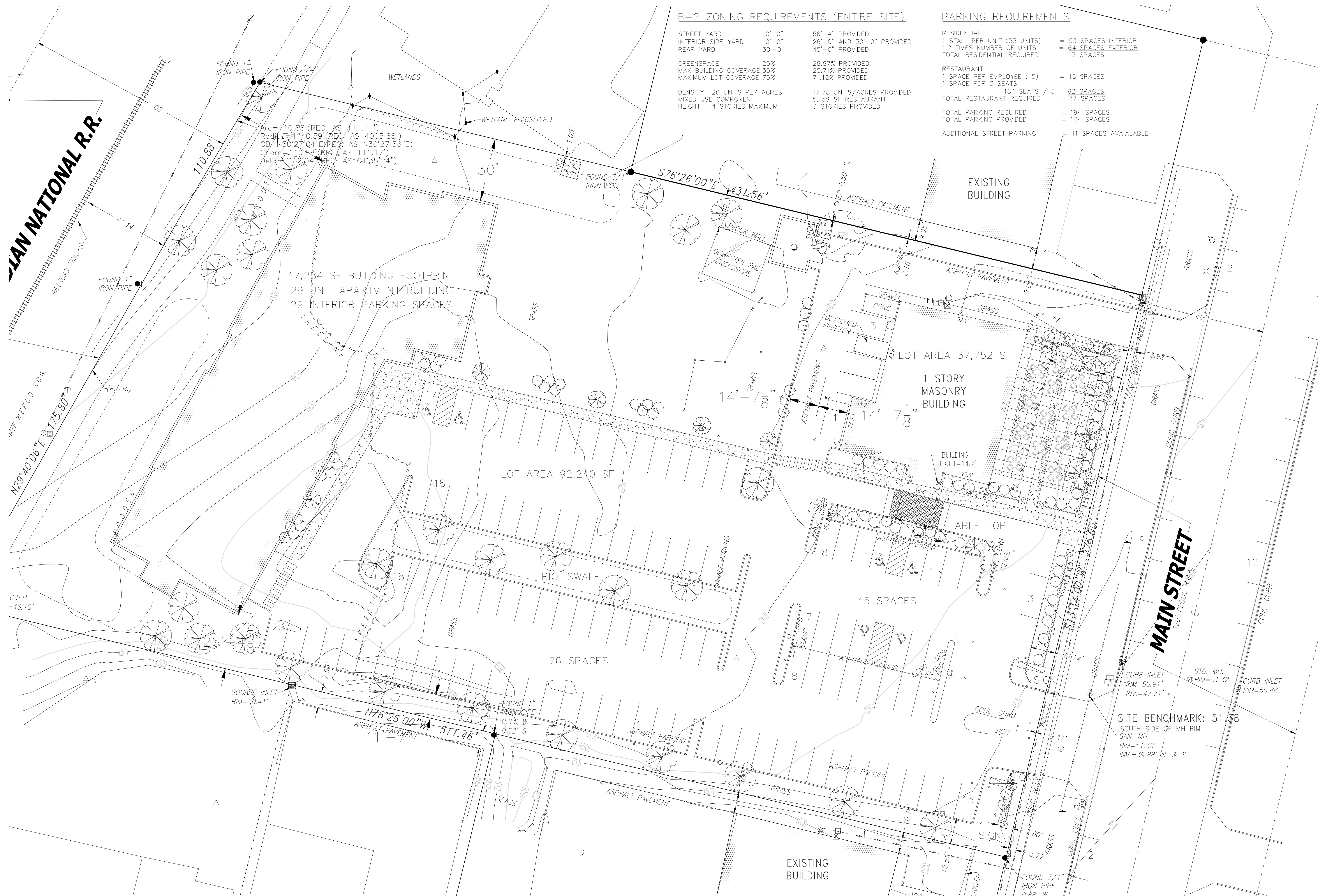
927 MAIN STREET
MUKWONAGO, WI 53149

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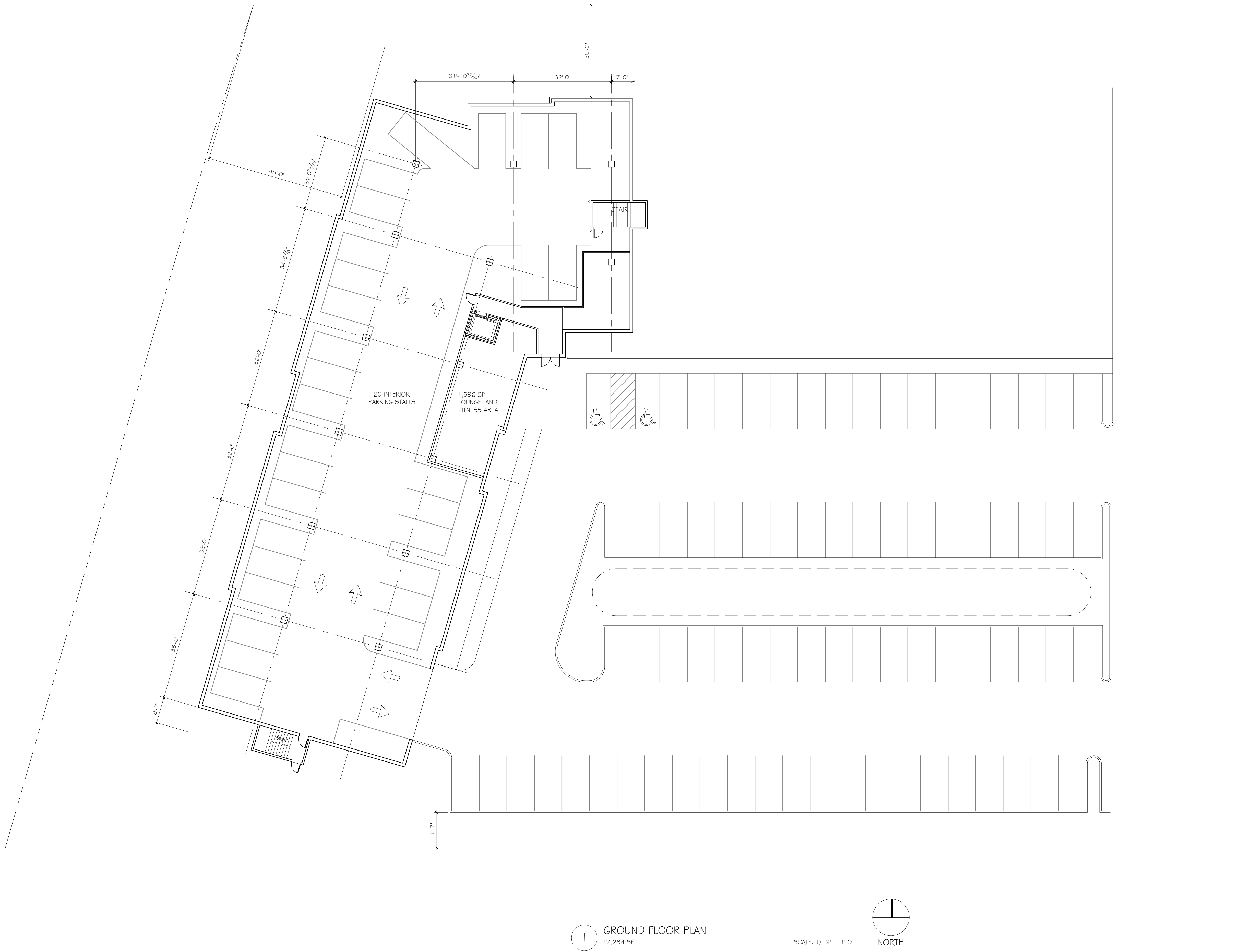
SITE PLAN

A0.1



SITE PLAN

SCALE: 1" = 20'-0"



CONCEPTUAL DRAWING - NOT FOR CONSTRUCTION

BLUE BAY MIXED USE DEVELOPMENT
927 MAIN STREET
MUKWONAGO, WI 53149

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PROJECT #: 4036

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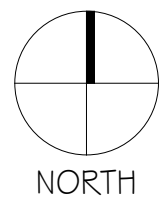
FIRST FLOOR PLAN

A1.1



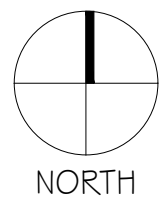
2 SECOND FLOOR PLAN
17,264 SF

SCALE: 1/16" = 1'-0"



3 THIRD FLOOR PLAN
17,264 SF

SCALE: 1/16" = 1'-0"



CONCEPTUAL DRAWING - NOT FOR CONSTRUCTION

BLUE BAY MIXED USE DEVELOPMENT

927 MAIN STREET
MUKWONAGO, WI 53149

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PROJECT #: 4036

DATE: OCTOBER 05, 2021

FIRST FLOOR PLAN

A1.2



1 EAST ELEVATION

SCALE: 1/8" = 1'-0"



2 NORTH ELEVATION

SCALE: 1/8" = 1'-0"

BLUE BAY MIXED USE DEVELOPMENT

927 MAIN STREET
MUKWONAGO, WI 53149

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PROJECT #:		4036
DATE:		OCTOBER 05, 2021
EXTERIOR ELEVATIONS		

A2.1

xx DRAWING - NOT FOR CONSTRUCTION



3 WEST ELEVATION

SCALE: 1/8" = 1'-0"



3 SOUTH ELEVATION

SCALE: 1/8" = 1'-0"

BLUE BAY MIXED USE DEVELOPMENT

927 MAIN STREET
MUKWONAGO, WI 53149

xx DRAWING - NOT FOR CONSTRUCTION

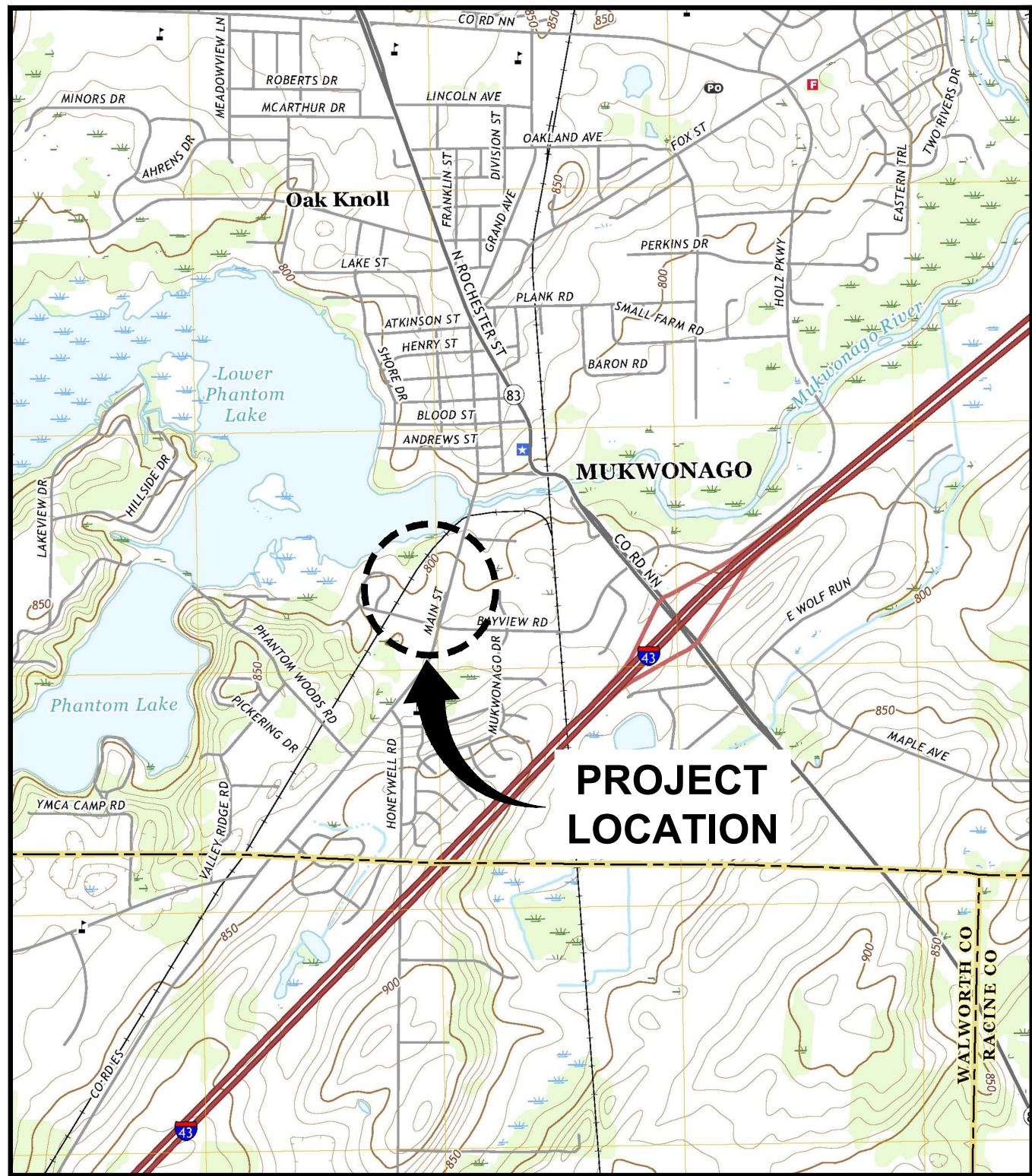
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PROJECT #:		4036
DATE:		OCTOBER 05, 2021
EXTERIOR ELEVATIONS		
A2.2		

BLUE BAY RESTAURANT REDEVELOPMENT

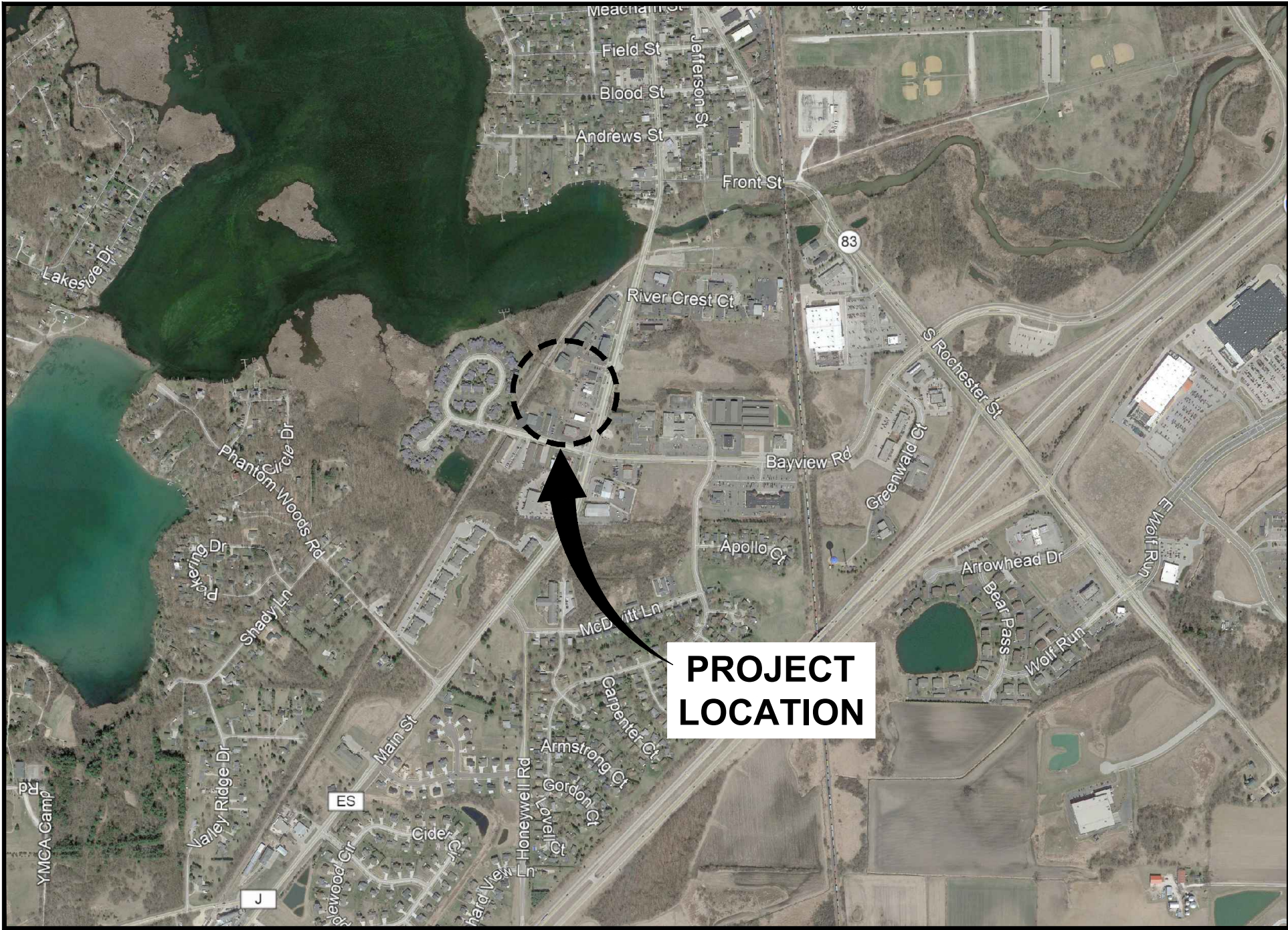
BLUE BAY RESTAURANT MUKWONAGO, WISCONSIN

CALL OR CLICK 3 WORKING DAYS BEFORE YOU DIG

Help Us...
Help You...
Protect
Your Facilities!



LOCATION MAP



PROJECT
LOCATION



DATE ISSUED
DECEMBER 3, 2021

927 MAIN STREET
MUKWONAGO, WISCONSIN 53149

Endpoint Solutions

CONTACTS

SITE ADDRESS/OWNER:
BLUE BAY RESTAURANT
927 MAIN STREET
MUKWONAGO, WISCONSIN 53149
CONTACT: VICTOR ISLAMI
PHONE: (262) 378-8888
EMAIL: VLAZNIMISLAMI@YAHOO.COM

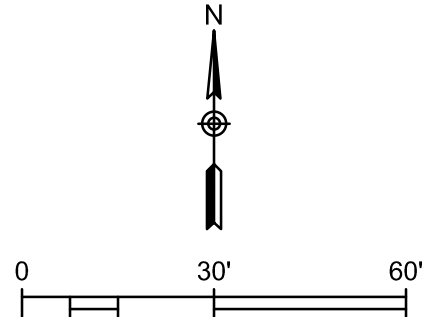
ENGINEER/AGENT:
ENDPOINT SOLUTIONS CORP.
6871 S. LOVERS LANE
FRANKLIN, WI 53132
CONTACT: JASON HEINONEN, P.E.
PHONE: 414-858-1920
EMAIL: JASON@ENDPOINTCORPORATION.COM

DRAWING SHEET INDEX

CS	COVER SHEET
C1	PRE-CONSTRUCTION CONDITIONS & DEMOLITION PLAN
C2	PROPOSED SITE PLAN
C3	PROPOSED GRADING AND EROSION CONTROL PLAN
C4	PROPOSED UTILITY PLAN
C5-C6	DETAIL SHEETS

REVISION LOG

REVISION	ISSUE DATE	REVISED SHEETS	ISSUED FOR



1. THE BIDDER WILL BE SOLELY RESPONSIBLE FOR QUANTITIES AND ESTIMATE OF WORK REQUIRED AND SHALL STATE SUCH QUANTITIES IN THEIR BID.
2. THE CONTRACTOR SHALL INDEMNIFY THE OWNER, THE ENGINEER, AND THE MUNICIPALITY, THEIR AGENTS, ETC. FROM ALL LIABILITY INVOLVED WITH THE CONSTRUCTION OF THIS PROJECT.
3. SITE SAFETY IS THE RESPONSIBILITY OF THE CONTRACTOR.
4. SOIL CONDITIONS SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO COMMENCEMENT OF CONSTRUCTION. A GEOTECHNICAL REPORT IS AVAILABLE FROM THE OWNER. THE CONTRACTOR SHALL ABIDE BY THE RECOMMENDATIONS OF THE GEOTECHNICAL ENGINEER.
5. THE CONTRACTOR SHALL OBTAIN AND PAY FOR ALL PERMITS REQUIRED FOR EXECUTION OF THE WORK. THE CONTRACTOR SHALL CONDUCT THEIR WORK ACCORDING TO THE REQUIREMENTS OF THE PERMITS.
6. THE CONTRACTOR IS RESPONSIBLE FOR EXAMINING ALL SITE CONDITIONS PRIOR TO COMMENCEMENT OF CONSTRUCTION AND SHALL COMPARE FIELD CONDITIONS WITH DRAWINGS.
7. CONTRACTOR SHALL PROTECT ADJACENT PROPERTIES DURING CONSTRUCTION. ANY PROPERTY (PRIVATE OR PUBLIC) WHICH ARE DAMAGED DURING CONSTRUCTION MUST BE RESTORED TO ORIGINAL CONDITIONS BY THE CONTRACTOR. THE COST OF THE RESTORATION IS CONSIDERED INCIDENTAL AND SHOULD BE INCLUDED IN THE BID PRICES.
8. THE CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFYING ALL UTILITY INFORMATION SHOWN ON THE PLANS PRIOR TO THE START OF CONSTRUCTION. THE CONTRACTOR SHALL CALL DIGGERS HOTLINE TO REQUEST FIELD STAKING OF EXISTING UTILITIES AND NOTIFY THE UTILITIES OF THE PROJECT COMPONENTS.
9. CONTRACTOR SHALL ENSURE ALL MUD AND DEBRIS IS NOT DEPOSITED ONTO THE ADJACENT ROADWAYS PER THE REQUIREMENT OF THE AGENCY HAVING JURISDICTION ON THE ROADWAYS.
10. SUBMITTALS:
 - A. SHOP DRAWINGS AND/OR MANUFACTURER'S PRODUCT DATA SUBMITTALS ARE REQUIRED ONLY IF THE PRODUCT OR METHOD OF CONSTRUCTION:
 - a. IS DIFFERENT FROM THAT SPECIFIED OR
 - b. IS PART OF THE WORK THAT WILL BE DEDICATED AS A PUBLIC UTILITY OR ROADWAY AT THE END OF THE PROJECT OR
 - c. IF REQUIRED BY THE MUNICIPAL ENGINEER.
 - B. FOR UTILITY OR ROAD WORK THAT WILL BE DEDICATED TO A MUNICIPALITY, CONTRACTOR MUST MAKE SUBMITTALS TO THE MUNICIPALITY AS WELL AS ENGINEER.

SHEET NO.
C1

Dec 03, 2021 2:31pm PLOTTED BY: jhelonen SAVED BY: jhelonen C3_666-001-001-Proposed Grading Plan.dwg Layout1
P:\Victor Islami - 666\001 - Blue Bay Restaurant\CAD\001-001\SHF
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XREFS: P:\Victor Islami - 666\001 - Blue Bay Restaurant\CAD\001-001\Base Map from Chaput.dwg; P:\Victor Islami - 666\001 - Blue Bay Restaurant\CAD\001-001\Blue Bay - Proposed Grading Plan.dwg

- EXISTING MAJOR CONTOUR, (5' INTERVAL)
- EXISTING MINOR CONTOUR, (1' INTERVAL)
- PROPOSED MAJOR CONTOUR, (5' INTERVAL)
- PROPOSED MINOR CONTOUR, (1' INTERVAL)
- PROPOSED SPOT GRADE
- PROPOSED SPOT GRADE, MATCH EXISTING
- PROPOSED SPOT GRADE, BOTTOM OF CURB
- PROPOSED SPOT GRADE, TOP OF CURB
- PROPOSED SPOT GRADE, TOP OF WALL
- PROPOSED SPOT GRADE, BOTTOM OF WALL
- PROPOSED SILT FENCE
- PROPOSED INLET PROTECTION
- IRON PIPE FOUND
- POST
- UTILITY POLE

CANADIAN NATIONAL R.R.

EXISTING WETLAND,
PROTECT DURING
CONSTRUCTION

PROPOSED BIORETENTION (B2)
BASE: 44.50
IE: 42.00
OVERFLOW: 46.50

PROPOSED MULTI-FAMILY
RESIDENTIAL
3-STORY
17,280 SF/FLOOR
FF 50.50

PROPOSED BIORETENTION (B1)
BASE: 47.00
IE: 45.00
OVERFLOW: 48.50

PROPOSED 3-FT.
CURB CUT

PROPOSED 3-FT.
CURB CUT

PROPOSED WISDOT LIGHT
RIPRAP AT ALL CURB CUTS.
MIN. 5' WIDE AND 5' INTO BASE
OF BIORETENTION BASE

PROPOSED TRACKING PAD
(LOCATION TO BE
DETERMINED BASED ON
PROJECT PHASING)

PROPOSED INLET
PROTECTION

MAIN STREET

PROPOSED INLET
PROTECTION

GENERAL GRADING NOTES

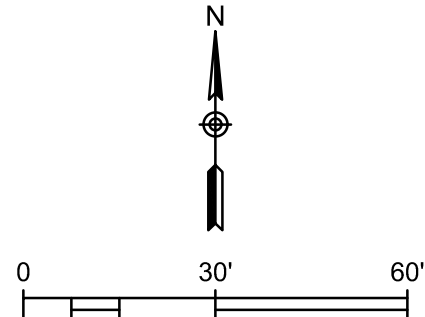
- THE PROPOSED IMPROVEMENTS SHALL BE CONSTRUCTED ACCORDING TO THE D.O.T. STANDARD SPECIFICATIONS, LOCAL ORDINANCES AND SPECIFICATIONS, AND RECOMMENDATIONS IN THE GEOTECHNICAL REPORT.
- THE CONTRACTOR SHALL ASSUME SOLE RESPONSIBILITY FOR THE COMPUTATIONS OF ALL GRADING AND FOR ACTUAL LAND BALANCE, INCLUDING UTILITY TRENCH SPOIL. THE CONTRACTOR SHALL IMPORT OR EXPORT MATERIAL AS NECESSARY TO COMPLETE THE PROJECT.
- GRADING SHALL CONSIST OF CLEARING AND GRUBBING EXISTING VEGETATION, STRIPPING TOPSOIL, REMOVAL OF EXISTING PAVEMENT OR FOUNDATIONS, IMPORTING OR EXPORTING MATERIAL TO ACHIEVE AND ON-SITE EARTHWORK BALANCE, GRADING THE PROPOSED BUILDING PADS AND PAVEMENT AREAS, SCARIFYING AND FINAL COMPACTION OF THE PAVEMENT SUBGRADE, AND PLACEMENT OF TOPSOIL.
- THE CONTRACTOR SHALL MAINTAIN SITE DRAINAGE THROUGHOUT CONSTRUCTION.
- EROSION AND SEDIMENT CONTROL MEASURES ARE REQUIRED AS PART OF THIS PROJECT. CONSTRUCTION ACTIVITIES MUST COMPLY WITH ALL PROVISIONS OF LOCAL, STATE AND FEDERAL REGULATIONS AS WELL AS THE SITE SPECIFIC SWPPP (IF APPLICABLE). ALL LAND DISTURBING ACTIVITIES MAY BE SUBJECT TO INSPECTION BY LOCAL AUTHORITIES AND THE WISCONSIN DEPARTMENT OF NATURAL RESOURCES.
- CONTRACTOR SHALL MINIMIZE CLEARING AND DISTURBANCE TO THE ENVIRONMENT TO THE EXTENT POSSIBLE. CONTRACTOR RESPONSIBLE FOR RESTORATION OF ALL DISTURBED AREAS.
- RUBBISH, TRASH, GARBAGE, LITTER OR OTHER SUCH MATERIALS SHALL BE DISPOSED INTO SEALED CONTAINERS. MATERIALS SHALL BE PREVENTED FROM LEAVING THE SITE THROUGH THE ACTION OF WIND OR STORM WATER DISCHARGE INTO DRAINAGE DITCHES OR WATERS OF THE STATE. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR THE REMOVAL OF CONSTRUCTION WASTE IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL REGULATIONS.
- SILT FENCE AND OTHER EROSION CONTROL FACILITIES MUST BE INSTALLED PRIOR TO CONSTRUCTION OR ANY OTHER LAND DISTURBING ACTIVITY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING ALL EROSION CONTROL FACILITIES ONCE THE SITE HAS STABILIZED.
- NO FILL SHALL BE PLACED ON A WET OR SOFT SUBGRADE. THE SUBGRADE SHALL BE PROOF-ROLLED AND INSPECTED BY THE GEOTECHNICAL ENGINEER BEFORE ANY MATERIAL IS PLACED.
- ALL FILL SHALL BE CONSIDERED STRUCTURAL FILL AND SHALL BE PLACED IN ACCORDANCE WITH THE GEOTECHNICAL REPORT
- BEFORE PROCEEDING WITH ANY UTILITY CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE EACH EXISTING LATERAL OR POINT OF CONNECTION AND VERIFY THE SIZE, LOCATION AND ELEVATION OF ALL UTILITIES.
- TEMPORARY EROSION CONTROL MATTING SHALL BE PLACED ON ALL SLOPES THAT ARE STEEPER THAN 4:1.
- ALL PROPOSED CONTOURS REPRESENT FINAL FINISHED GRADE ELEVATIONS.

EROSION AND SEDIMENT CONTROL

- CONSTRUCT AND MAINTAIN EROSION CONTROL MEASURES IN ACCORDANCE WITH THE WISCONSIN DEPARTMENT OF NATURAL RESOURCES (WDNR) CHAPTERS NR 151 AND NR 216, WISCONSIN ADMINISTRATIVE CODE, AND APPROPRIATE WDNR TECHNICAL STANDARDS. EROSION AND SEDIMENT CONTROL PRODUCTS SHALL BE LISTED IN THE WISCONSIN DEPARTMENT OF TRANSPORTATION PRODUCT ACCEPTABILITY LIST (WisDOT PAL). THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING COPIES OF THESE STATE REQUIREMENTS, TECHNICAL STANDARDS, AND WisDOT PAL.
- IMPLEMENT EROSION AND SEDIMENT CONTROL BEST MANAGEMENT PRACTICES (BMPs) PRIOR TO SOIL DISTURBING ACTIVITIES (E.G., CLEARING, GRUBBING, TOPSOIL STRIPPING, EXCAVATION, MATERIAL STOCKPILING, ETC.). INSTALL EROSION CONTROL MEASURES AROUND STOCKPILE LOCATIONS.
- MINIMIZE DISTURBED AREA BY PHASING OR SEQUENCING CONSTRUCTION AND PRESERVING EXISTING VEGETATION WHERE POSSIBLE.
- DIVERT STORM WATER AWAY FROM DISTURBED OR EXPOSED AREAS WHEN POSSIBLE.
- PROTECT ADJACENT PROPERTIES WITH SEDIMENT BALE BARRIERS OR SILT FENCE UNTIL CONSTRUCTION IS COMPLETE IN ACCORDANCE WITH WDNR TECHNICAL STANDARDS 1055 OR 1056, RESPECTIVELY.
- INSTALL A GRAVEL TRACKING PAD AT EACH NONPAVED CONSTRUCTION AREA ENTRANCE IN ACCORDANCE WITH WDNR TECHNICAL STANDARD 1057. PAVED SURFACES ADJACENT TO CONSTRUCTION SITE VEHICLE ACCESS SHALL BE SWEEP AND/OR SCRAPPED PERIODICALLY TO REMOVE SOIL, DIRT, AND/OR DUST.

CONSTRUCTION SEQUENCE

- INSTALL SILT FENCE AND INLET PROTECTION AS SHOWN ON PLAN. MAINTAIN AS NECESSARY DURING CONSTRUCTION. INSPECT FOLLOWING RAIN EVENTS.
- INSTALL TRACKING PAD.
- CLEAR AND GRUB SITE AND STRIP TOPSOIL. TEMPORARILY STOCKPILE TOPSOIL ON SITE (EXCESS TO BE REMOVED FROM SITE ACCORDING TO GENERAL CONTRACTORS CONSTRUCTION PHASING PLAN).
- GRADE SITE.
- STABILIZE DISTURBED GROUND WITH TEMPORARY SEED, FERTILIZER, AND MULCH.
- CONTRACTOR SHALL REMOVE ALL TEMPORARY EROSION CONTROL BMPs WHEN DISTURBED AREAS ARE PERMANENTLY STABILIZED AND NO LONGER SUSCEPTIBLE TO EROSION.
- FOLLOWING STABILIZATION, VERIFY POND DEPTH AND REMOVE SEDIMENT IF NECESSARY TO MEET DESIGN GRADES.



BLUE BAY RESTAURANT REDEVELOPMENT
PROPOSED GRADING AND
EROSION CONTROL PLAN

927 MAIN STREET
MUKWONAGO, WI 53149

DRAWN BY: NWD/JAH DATE:
CHECKED BY: JAH 12/03/2021
APPROVED BY:

PROJECT NO.
666-001-001

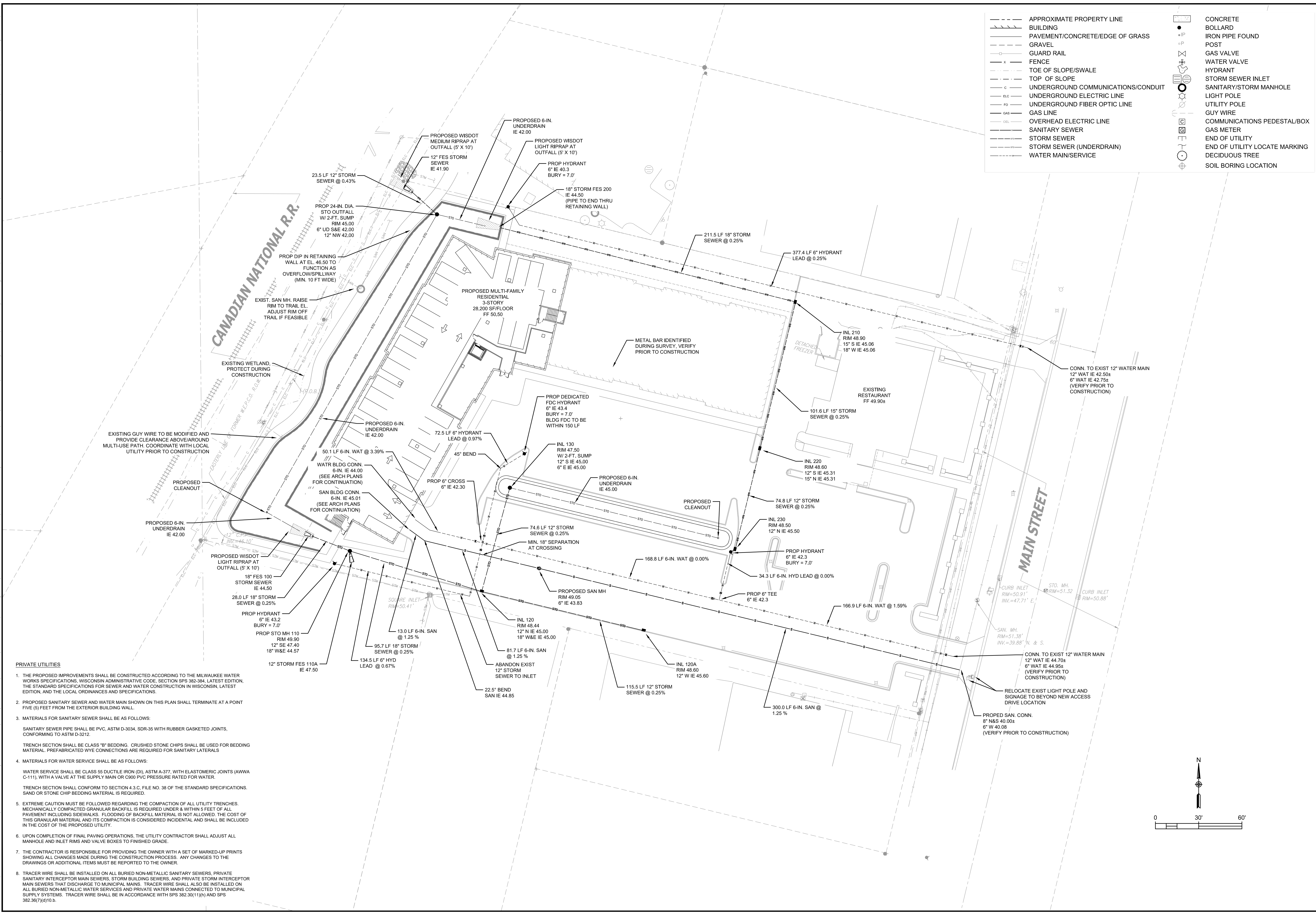
SHEET NO.
C3

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FRANKLIN, WI 53132
PHONE: (414) 427-1200

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Dec 03, 2021 2:31pm PLOTTED BY: jheinenen SAVD BY: jheinenen C4 666-001-001-Proposed Utility Plan.dwg Layout1
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BLUE BAY RESTAURANT REDEVELOPMENT

927 MAIN STREET
MUKWONAGO, WI 53149

DRAWN BY: NWD/JAH
CHECKED BY: JAH
APPROVED BY:

DATE: 12/03/2021

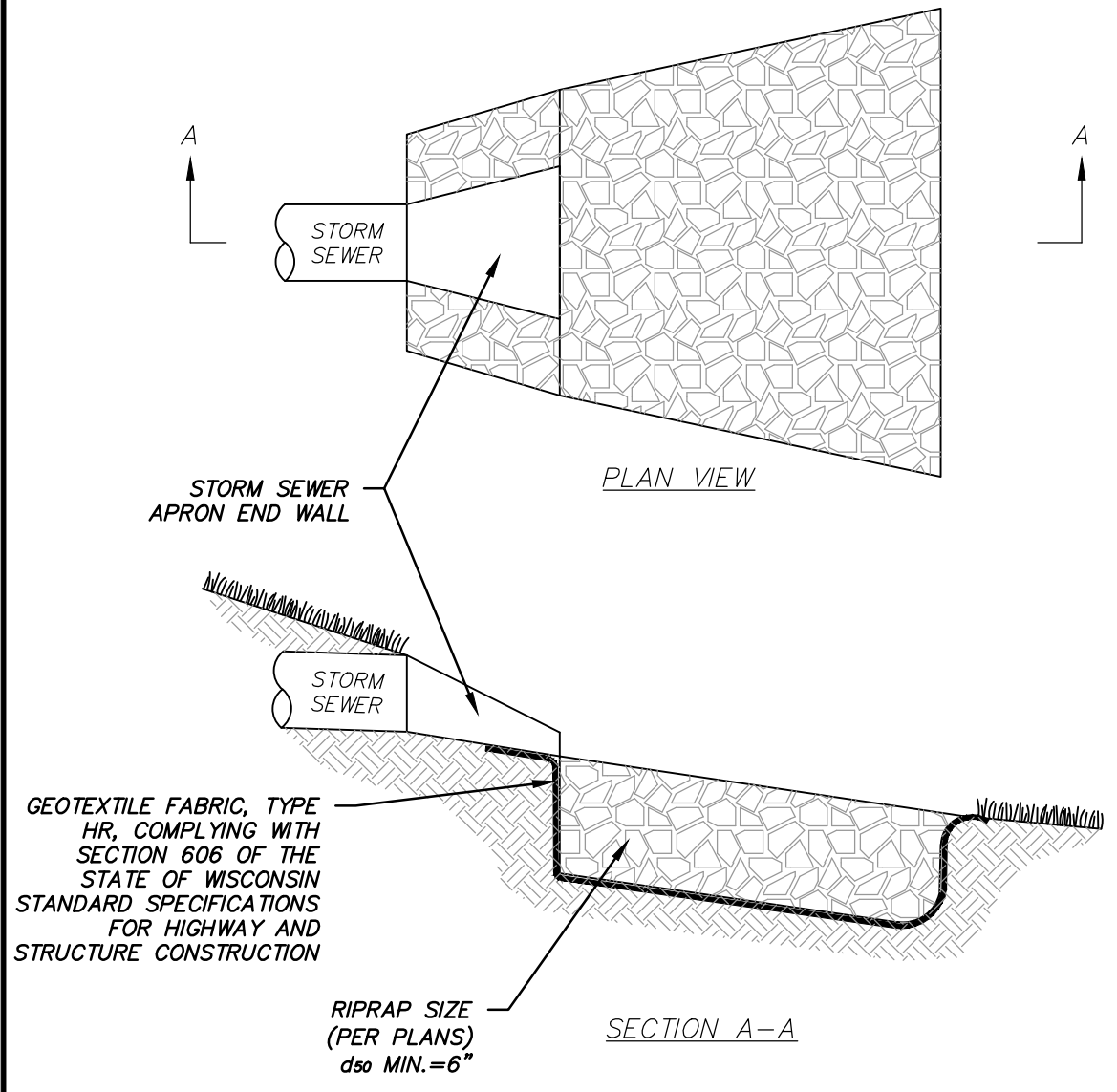
PROJECT NO.
666-001-001

SHEET NO.
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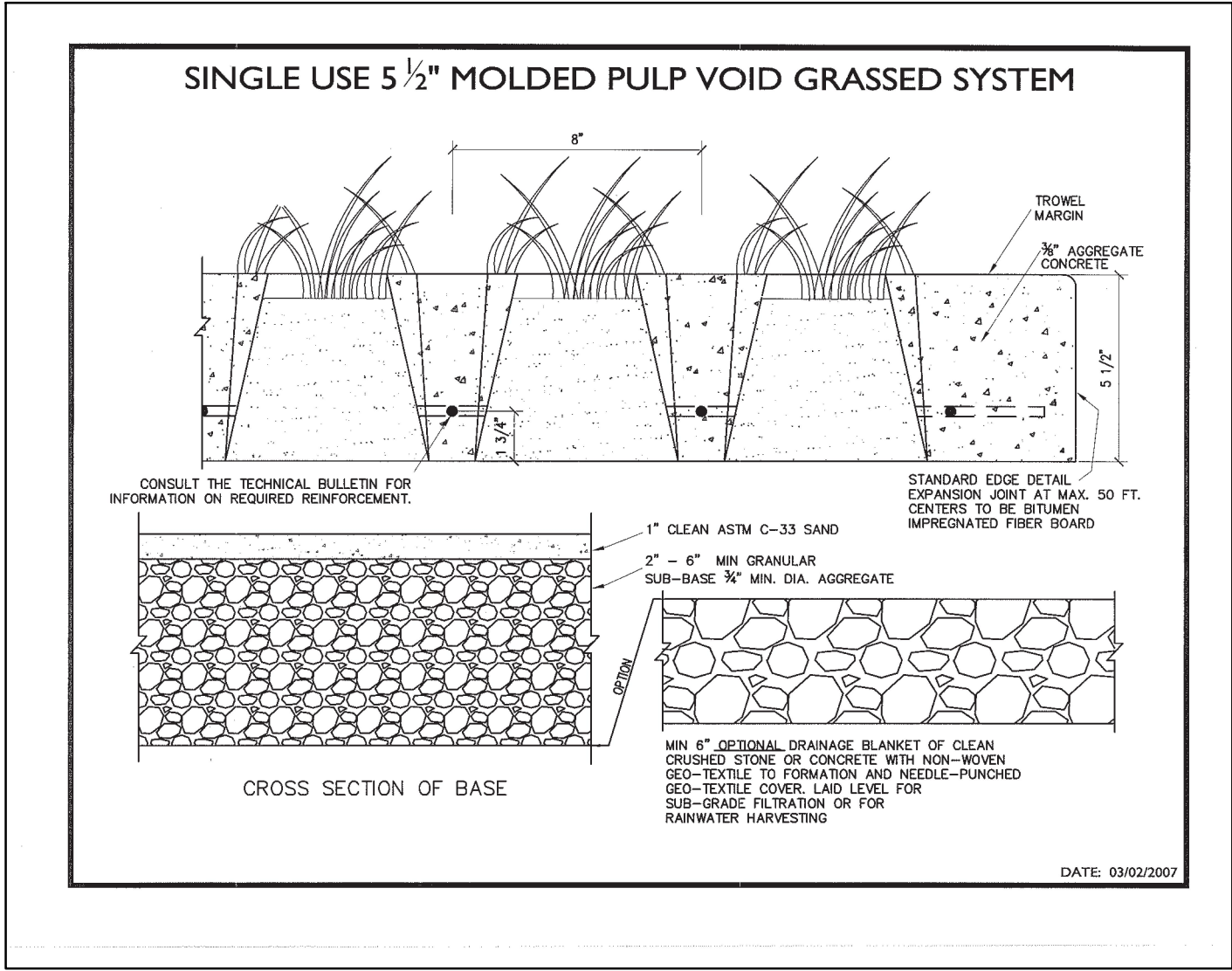
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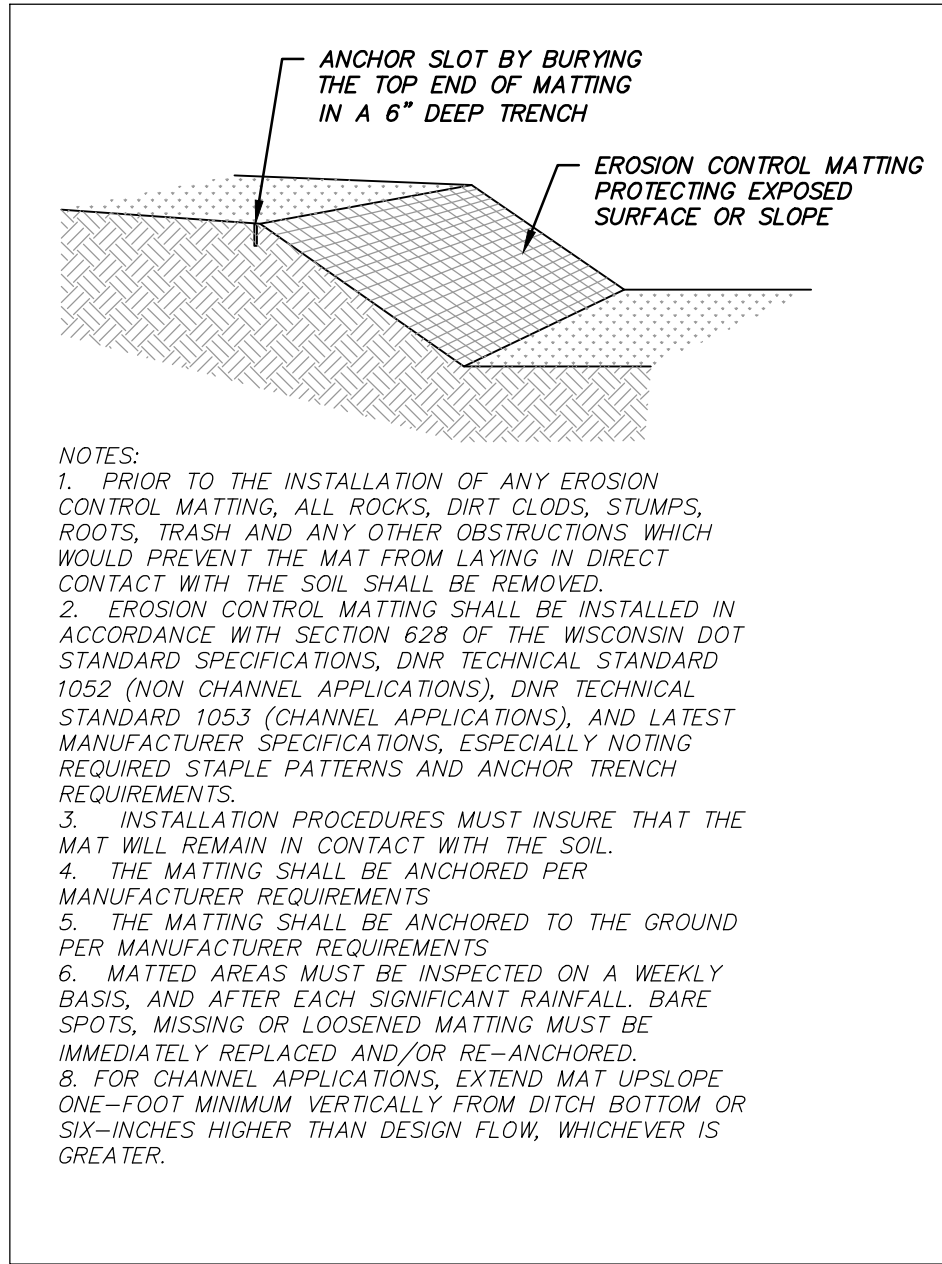
RIPRAP SHALL COMPLY WITH THE SECTION 606 OF THE STATE OF WISCONSIN STANDARD FOR HIGHWAY AND STRUCTURE CONSTRUCTION.

PLAN VIEW CONTOURS AND GRADES REPRESENT PROPOSED TOP OF RIPRAP ELEVATIONS.

RIPRAP DETAIL



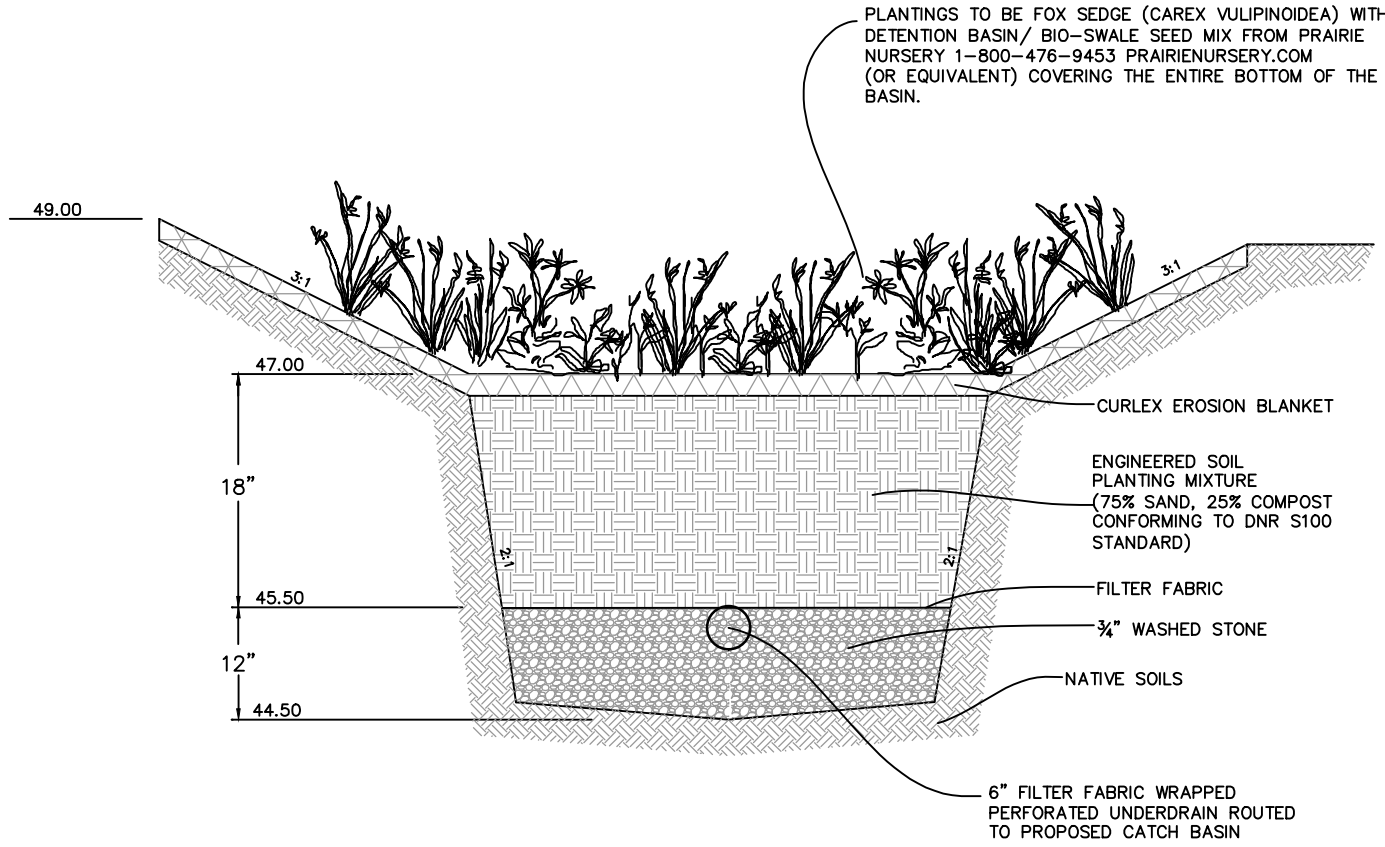
GRASSCRETE DETAIL



EROSION CONTROL MATTING DETAIL

NOTES:

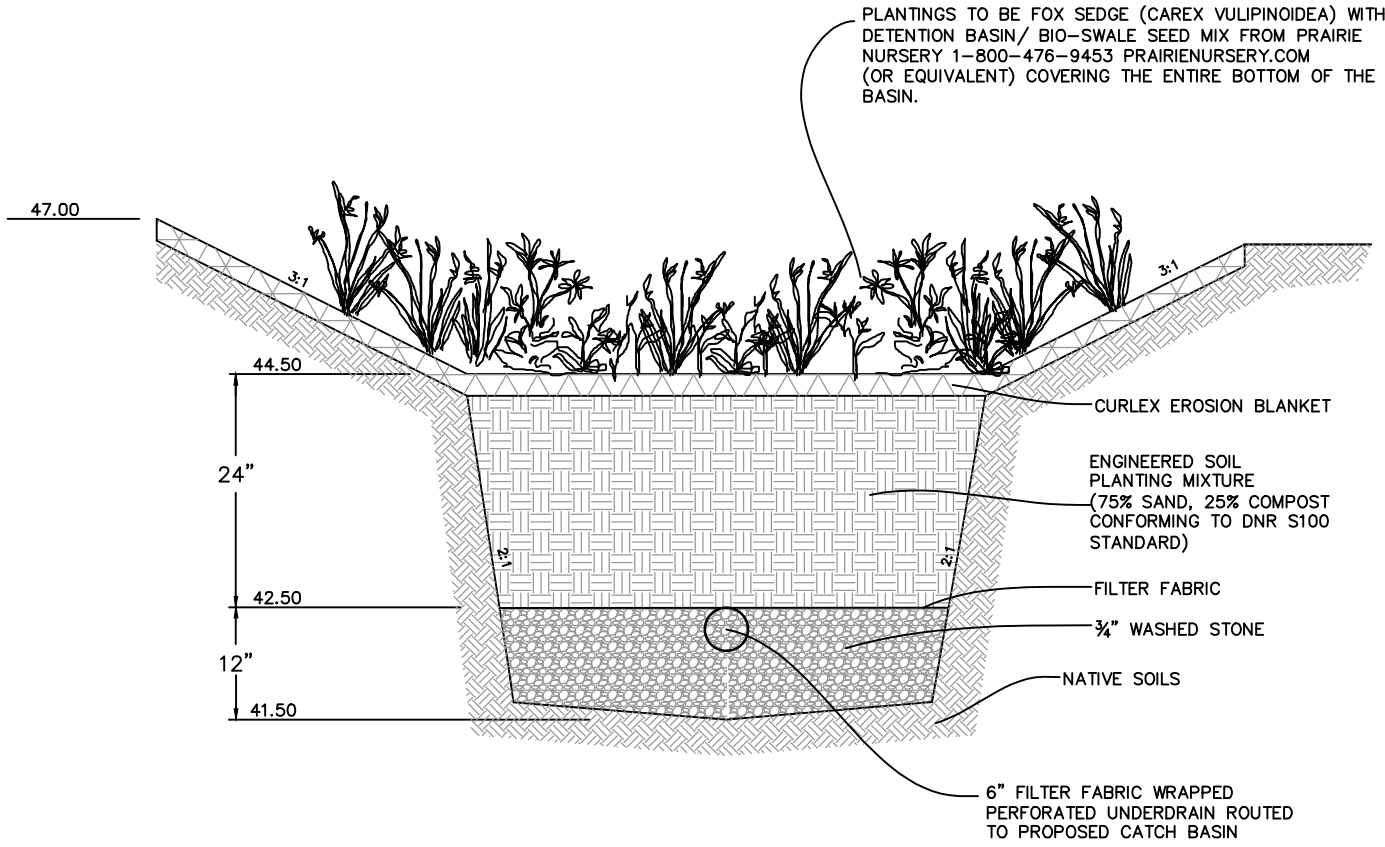
1. PROVIDE EROSION CONTROL MATTING ON ALL SLOPES 4:1 AND GREATER.



NOTES:

1. CONSTRUCT IN ACCORDANCE WITH MNR TECHNICAL STANDARDS.
2. IF USING SUPPLIER PROVIDED SOIL MIX, PRIOR TO CONSTRUCTION CONTRACTOR SHALL SUBMIT TO ENGINEER SUPPLIER CERTIFICATION THAT THE SOIL MIXTURE & COMPOST USED IN BIORETENTION BASIN MEET S100 AND 1004 REQUIREMENTS.
3. IF MIXING SOIL USING ON-SITE SAND, COORDINATE WITH OWNER'S GEOTECHNICAL ENGINEER TO IDENTIFY WHAT ON-SITE SAND TO USE. DOCUMENT WHAT ON-SITE SAND WAS USED. SUBMIT PROPOSED SOIL MIXING METHOD THAT WILL ENSURE PROPER MIXING. SUBMIT SAMPLE OF MIXED MATERIAL TO GEOTECHNICAL ENGINEER.
4. IF MIXING SOIL USING ON-SITE SAND, PRIOR TO CONSTRUCTION CONTRACTOR SHALL SUBMIT TO ENGINEER SUPPLIER CERTIFICATION THAT THE COMPOST USED IN BIORETENTION BASIN MEETS S100 REQUIREMENTS.
2. FOLLOWING SITE STABILIZATION, IF THERE ARE ANY CLOGGED/PONDING AREAS WITHIN THE BIORETENTION BASIN, THOSE AREAS SHALL HAVE THE TOP 1 FOOT OF MATERIAL REMOVED AND REPLACED WITH NEW ENGINEERED SOIL AND MULCH.

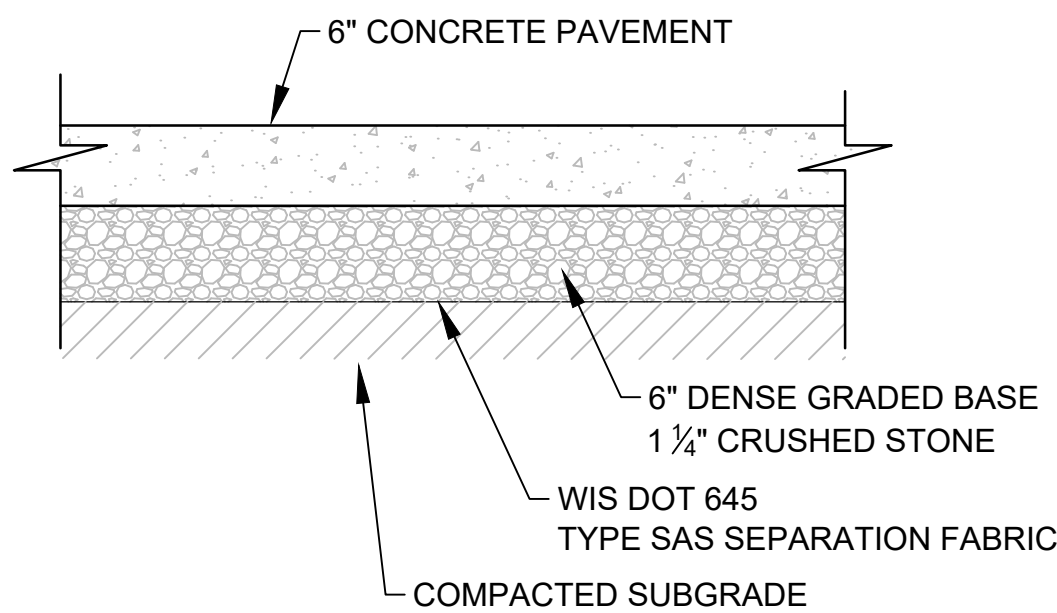
BIORETENTION B-1 DETAIL



NOTES:

1. CONSTRUCT IN ACCORDANCE WITH MNR TECHNICAL STANDARDS.
2. IF USING SUPPLIER PROVIDED SOIL MIX, PRIOR TO CONSTRUCTION CONTRACTOR SHALL SUBMIT TO ENGINEER SUPPLIER CERTIFICATION THAT THE SOIL MIXTURE & COMPOST USED IN BIORETENTION BASIN MEET S100 AND 1004 REQUIREMENTS.
3. IF MIXING SOIL USING ON-SITE SAND, COORDINATE WITH OWNER'S GEOTECHNICAL ENGINEER TO IDENTIFY WHAT ON-SITE SAND TO USE. DOCUMENT WHAT ON-SITE SAND WAS USED. SUBMIT PROPOSED SOIL MIXING METHOD THAT WILL ENSURE PROPER MIXING. SUBMIT SAMPLE OF MIXED MATERIAL TO GEOTECHNICAL ENGINEER.
4. IF MIXING SOIL USING ON-SITE SAND, PRIOR TO CONSTRUCTION CONTRACTOR SHALL SUBMIT TO ENGINEER SUPPLIER CERTIFICATION THAT THE COMPOST USED IN BIORETENTION BASIN MEETS S100 REQUIREMENTS.
2. FOLLOWING SITE STABILIZATION, IF THERE ARE ANY CLOGGED/PONDING AREAS WITHIN THE BIORETENTION BASIN, THOSE AREAS SHALL HAVE THE TOP 1 FOOT OF MATERIAL REMOVED AND REPLACED WITH NEW ENGINEERED SOIL AND MULCH.

BIORETENTION B-2 DETAIL

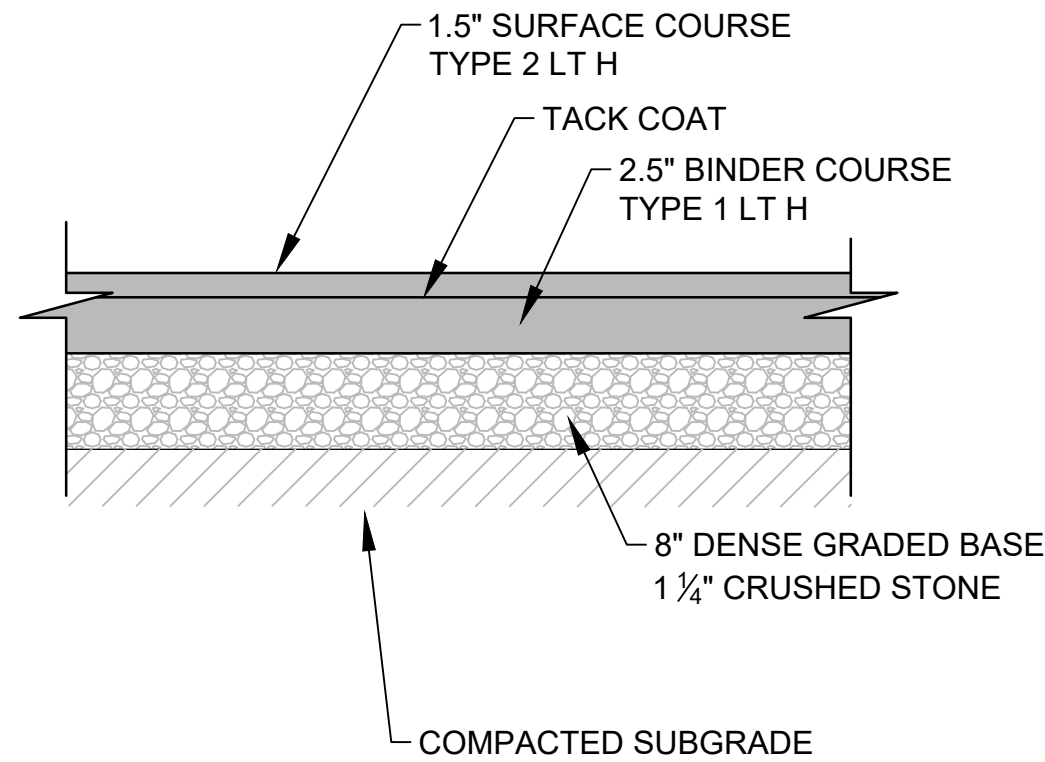


TYPICAL CONCRETE PAVEMENT

NOT TO SCALE

NOTES:

1. A GEOTECHNICAL REPORT WILL BE COMPLETED PRIOR TO CONSTRUCTION. THE ABOVE DETAILS ARE SHOWN FOR REFERENCE ONLY.



TYPICAL ASPHALT PAVEMENT

NOT TO SCALE

NOTES:

1. A GEOTECHNICAL REPORT WILL BE COMPLETED PRIOR TO CONSTRUCTION. THE ABOVE DETAILS ARE SHOWN FOR REFERENCE ONLY.

BLUE BAY RESTAURANT REDEVELOPMENT

DETAIL SHEET

927 MAIN STREET
MUKWONAGO, WI 53149

REV.	DATE:	1	2	3	4	5	6

Endpoint Solutions

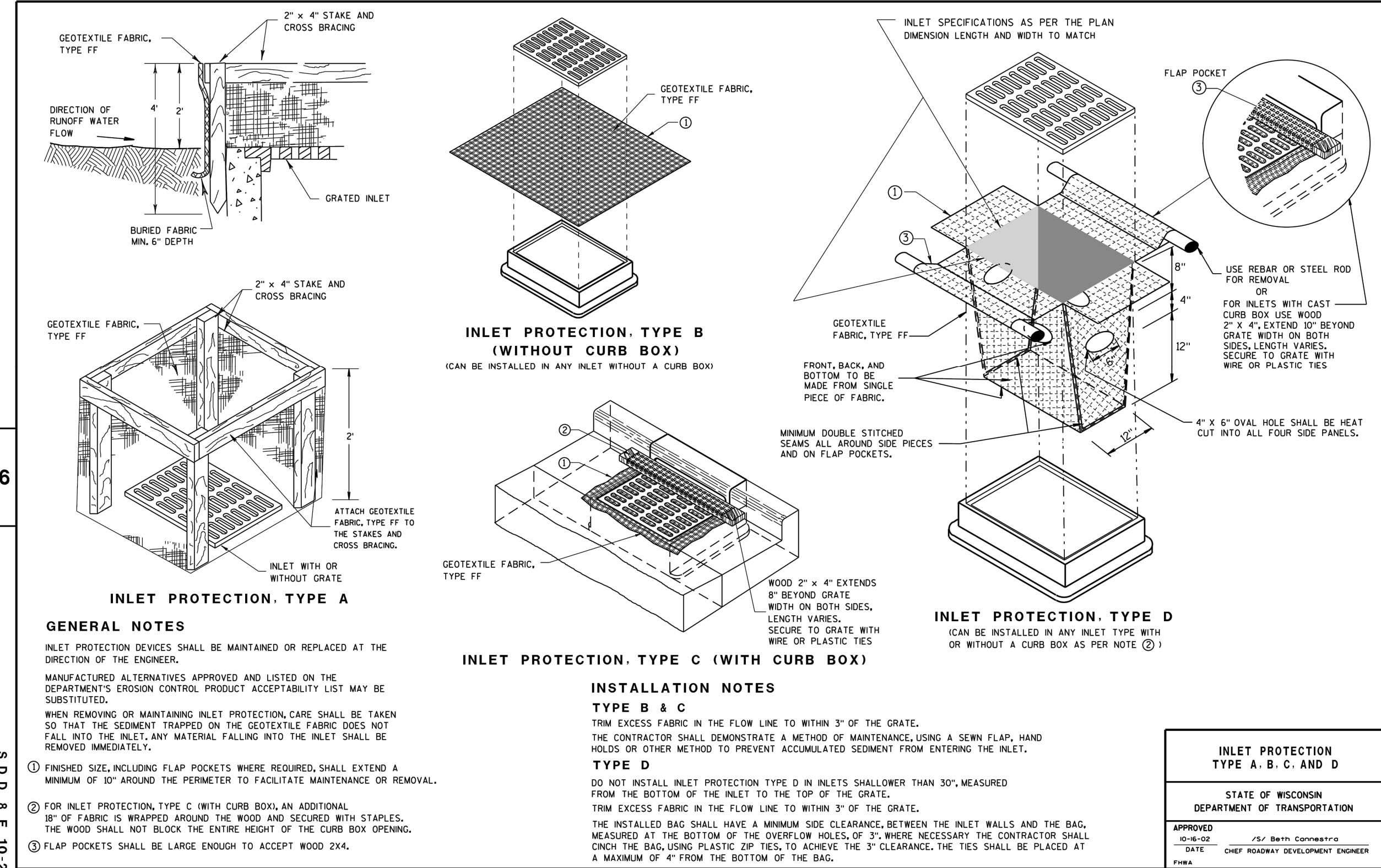
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FRANKLIN, WI 53132
PHONE: (414) 427-1200

DRAWN BY: NWD/JAH DATE: 12/03/2021
CHECKED BY: JAH
APPROVED BY:

PROJECT NO.
666-001-001

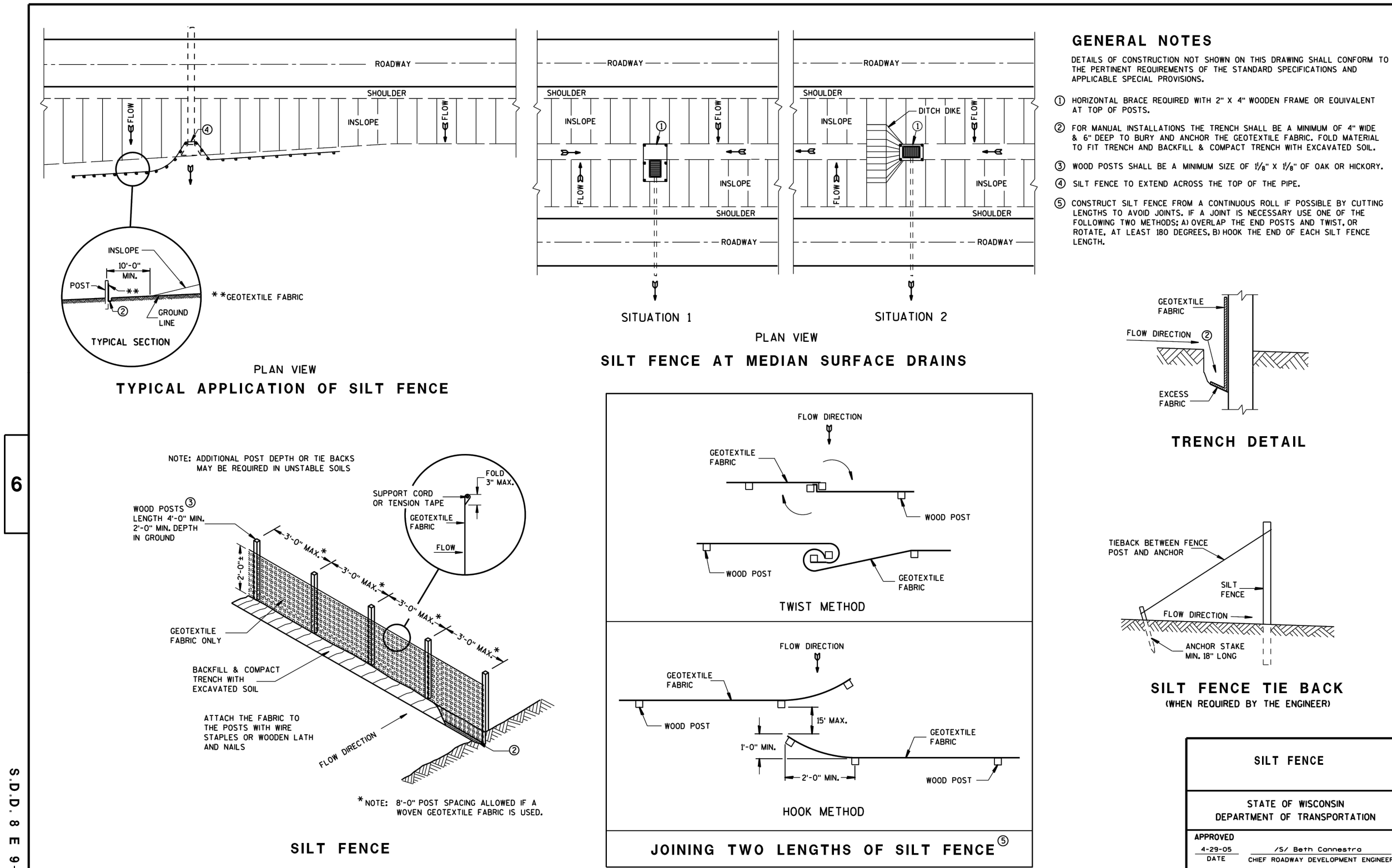
SHEET NO.
C5

8E10: Inlet Protection Type A, B, C and D



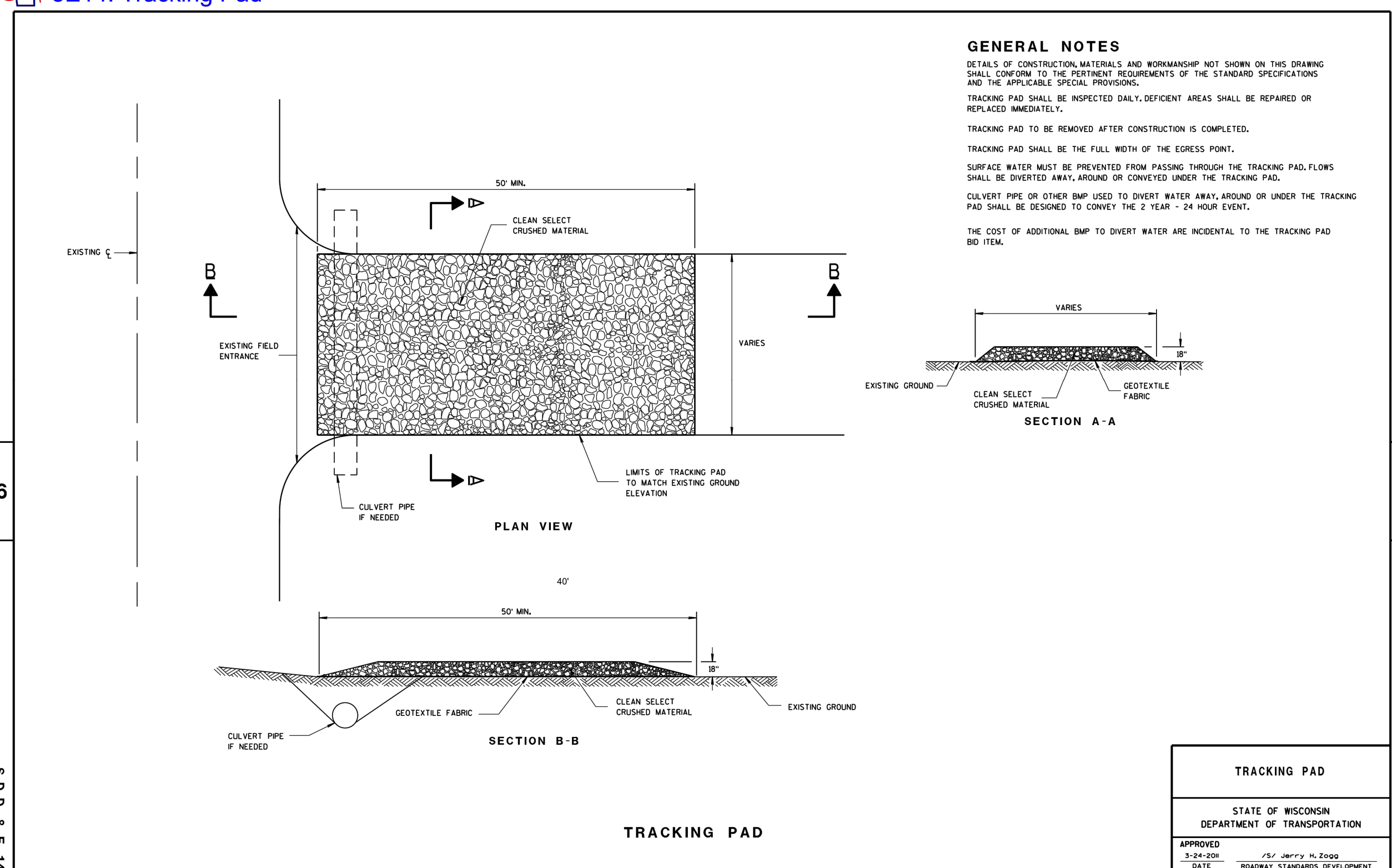
INLET PROTECTION
NOT TO SCALE

8E9: Silt Fence



SILT FENCE
NOT TO SCALE

8E14: Tracking Pad



TRACKING PAD
NOT TO SCALE

BLUE BAY RESTAURANT REDEVELOPMENT

DETAIL SHEET
927 MAIN STREET
MUKWONAGO, WI 53149

DRAWN BY: NWD/JAH
CHECKED BY: JAH
APPROVED BY:

PROJECT NO.
666-001-001

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C6

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INSITE

LANDSCAPE DESIGN

Landscape Consulting
& Master Planning Design Services

11525 W. North Avenue, Suite 1B
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mdavis@insitedesigninc.com

Project:

BLUE BAY
RESTAURANT
REDEVELOPMENT

927 Main Street
Mukwonago, WI 53149

Issuance and Revisions:

Date	Number	Description
12/03/21		Plan Commission Submittal

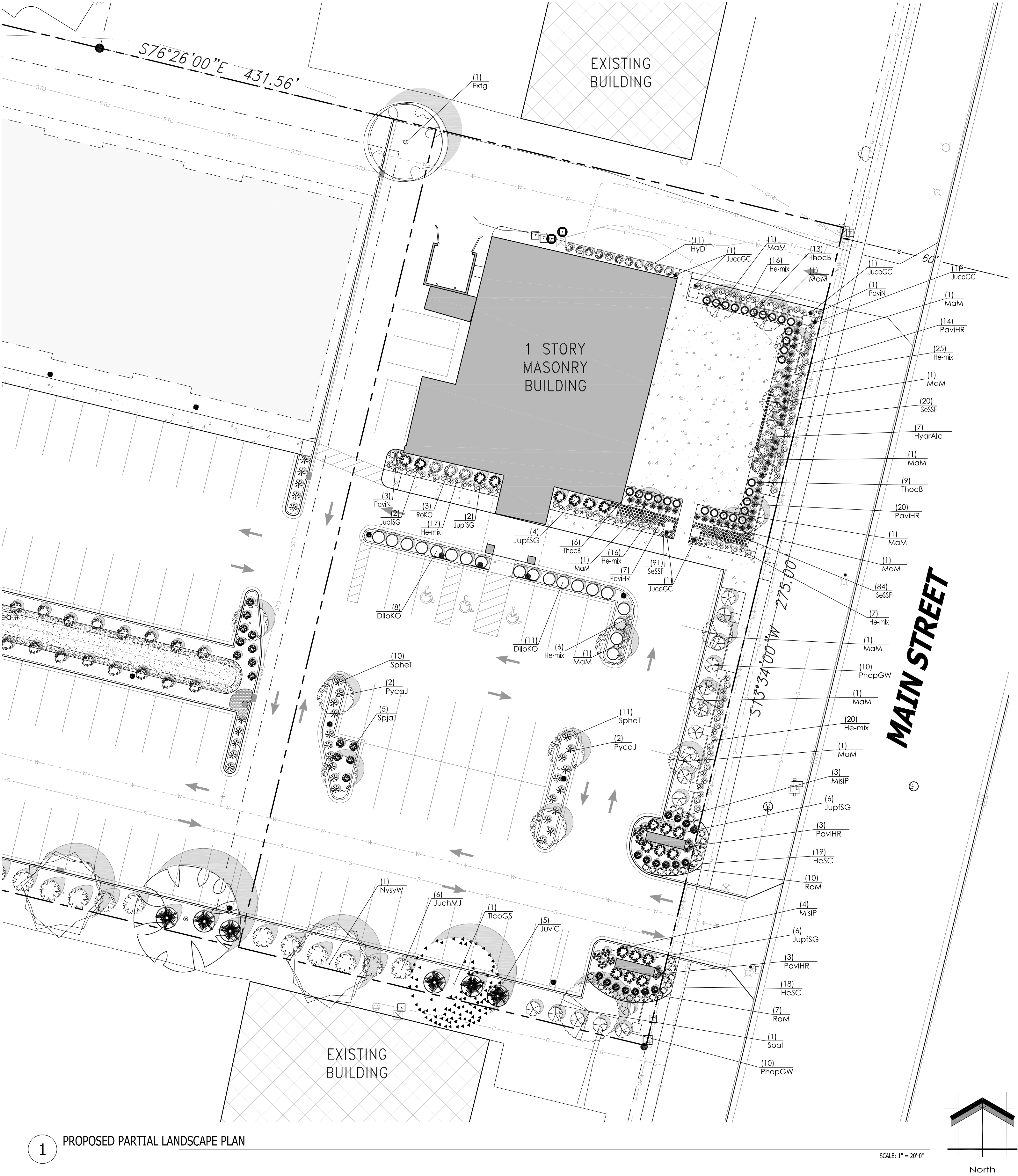
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Sheet Title:

PROPOSED PARTIAL
LANDSCAPE PLAN,
AND PLANT MATERIAL TABLE

Date of Drawing:	12/03/21
Scale:	1" = 20'-0"
Drawn By:	MCD
Job Number:	L21-013
Sheet Number:	

LSP1.2



Proposed Plant Material Table LSP1.2

Broadleaf Deciduous Tree						
Quantity	Code Name	Symbol	Scientific Name	Common Name	Planting Size	Comments
11	MaM		Malus 'Marilee'	Marilee Flowering Crab	2'-Cal - B&B	1
1	NysW		Nyssa sylvatica 'Wildfire'	Wildfire Black Gum	2'-Cal - B&B	1
5	PycaJ		Pyrus calleryana 'Jazzam'	Jack Flowering Pear	2'-Cal - B&B	1
1	Soal		Sorbus alnifolia	Korean mountain ash	2'-Cal - B&B	1
1	TicoGS		Tilia cordata 'Green Spire'	Green Spire Linden	2 1/2'-Cal - B&B	1

Conifer Evergreen Tree						
Quantity	Code Name	Symbol	Scientific Name	Common Name	Planting Size	Comments
3	JuviC		Juniperus virginiana 'Cupressifolia'	Hillspire Juniper	5' - 6' - B&B	4

Broadleaf Deciduous Shrub						
Quantity	Code Name	Symbol	Scientific Name	Common Name	Planting Size	Comments
19	DiloKO		Diervilla lonicera Kodiak Orange	Kodiak Orange Bush Honeysuckle Diervilla	18" - Cont	5
7	HyarAlc		Hydrangea arborescens 'Abetwo'	Incredible Smooth Hydrangea	18" - 24" - Cont	5
11	HyD		Hypericum 'Deppe'	Sunny Boulevard St. John's Wort	18" - Cont	5
16	PhopGW		Physocarpus opulifolius 'Ginger Wine'	Ginger Wine Ninebark	18" - 24" - Cont	5
3	RoKO		Rosa 'Knockout'	Knock Out Rose	18" - Cont	5
17	RoM		Rosa 'Meimraui'	Apricot Drift Groundcover Ros	18" - Cont	5
5	SpjaT		Spiraea japonica 'Tracy'	Double Play Big Bang Spirea	18" - Cont	5

Conifer Evergreen Tree						
Quantity	Code Name	Symbol	Scientific Name	Common Name	Planting Size	Comments
6	JuchMJ		Juniperus chinensis 'Mint Julep'	Mint Julep Juniper	18" - 24" - B&B	5
6	JucoGC		Juniperus communis 'Gold Cone'	Gold Cone Juniper	18" - 24"- Cont	5
20	JupISG		Juniperus x pfitzeriana 'MonSan'	Sea of Gold Juniper	18" - 24" - B&B	5
29	ThocB		Thuja occidentalis 'Bobazam'	Mr. Bowling Ball Arborvitae	18" - 24" - Cont	5

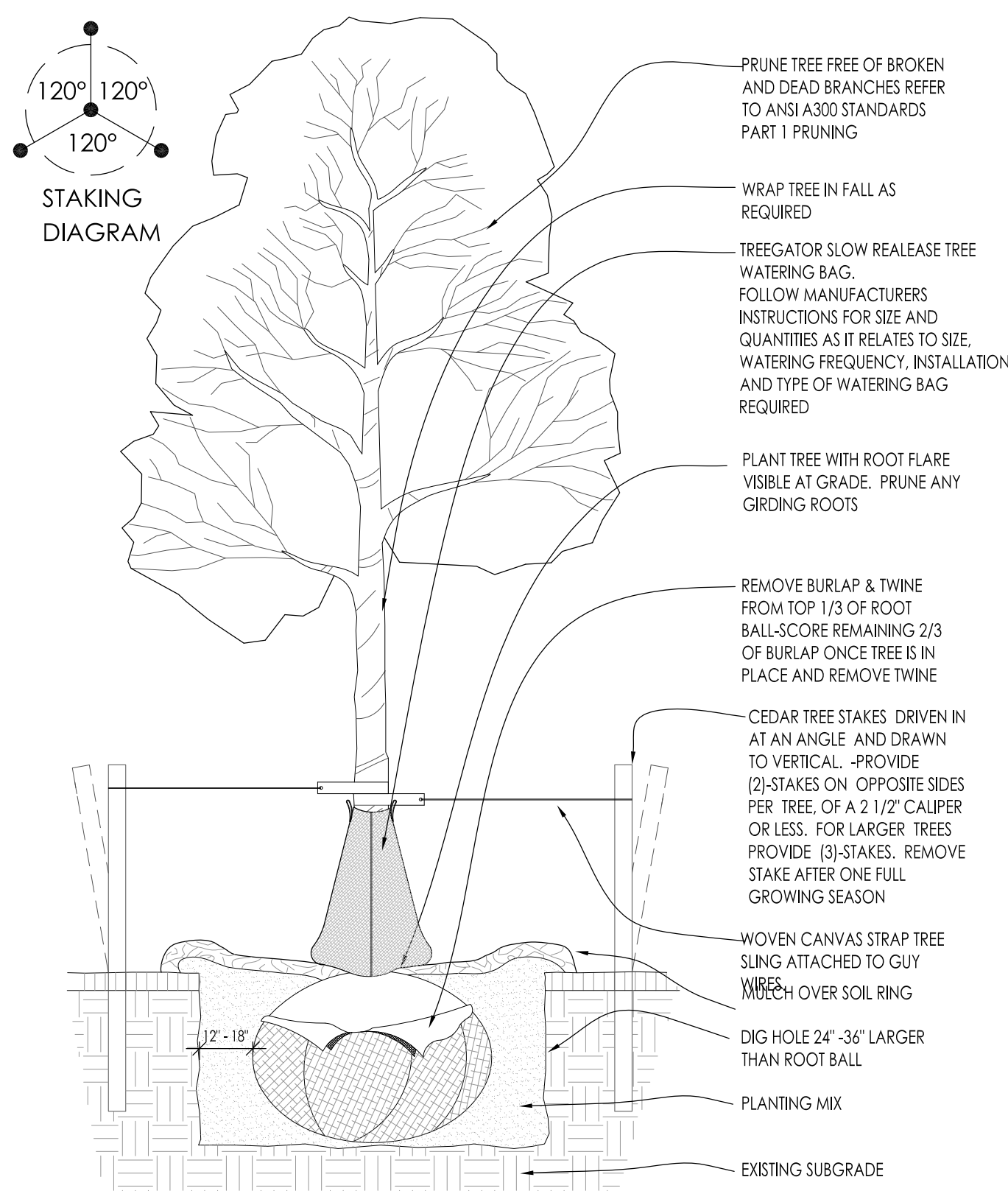
Perennial Grass						
Quantity	Code Name	Symbol	Scientific Name	Common Name	Planting Size	Comments
7	MisIP		Miscanthus sinensis 'Purpurascens'	Purple Silver Grass	1-Gal - Cont	6
47	PaviHR		Panicum virgatum 'Hot Rod'	Hot Rod Switch Grass	1-Gal - Cont	6
4	PaviN		Panicum virgatum 'Northwind'	Northwind Switch Grass	1-Gal - Cont	6
21	SphET		Sporobolus heterolepis 'Tara'	Tara Prairie Dropseed	1-Gal - Cont	6

Perennial Ground Cover						
Quantity	Code Name	Symbol	Scientific Name	Common Name	Planting Size	Comments
194	SeSSF		Sedum 'Firecracker'	SunSparkler Firecracker Sedum	4 1/2" pot	6

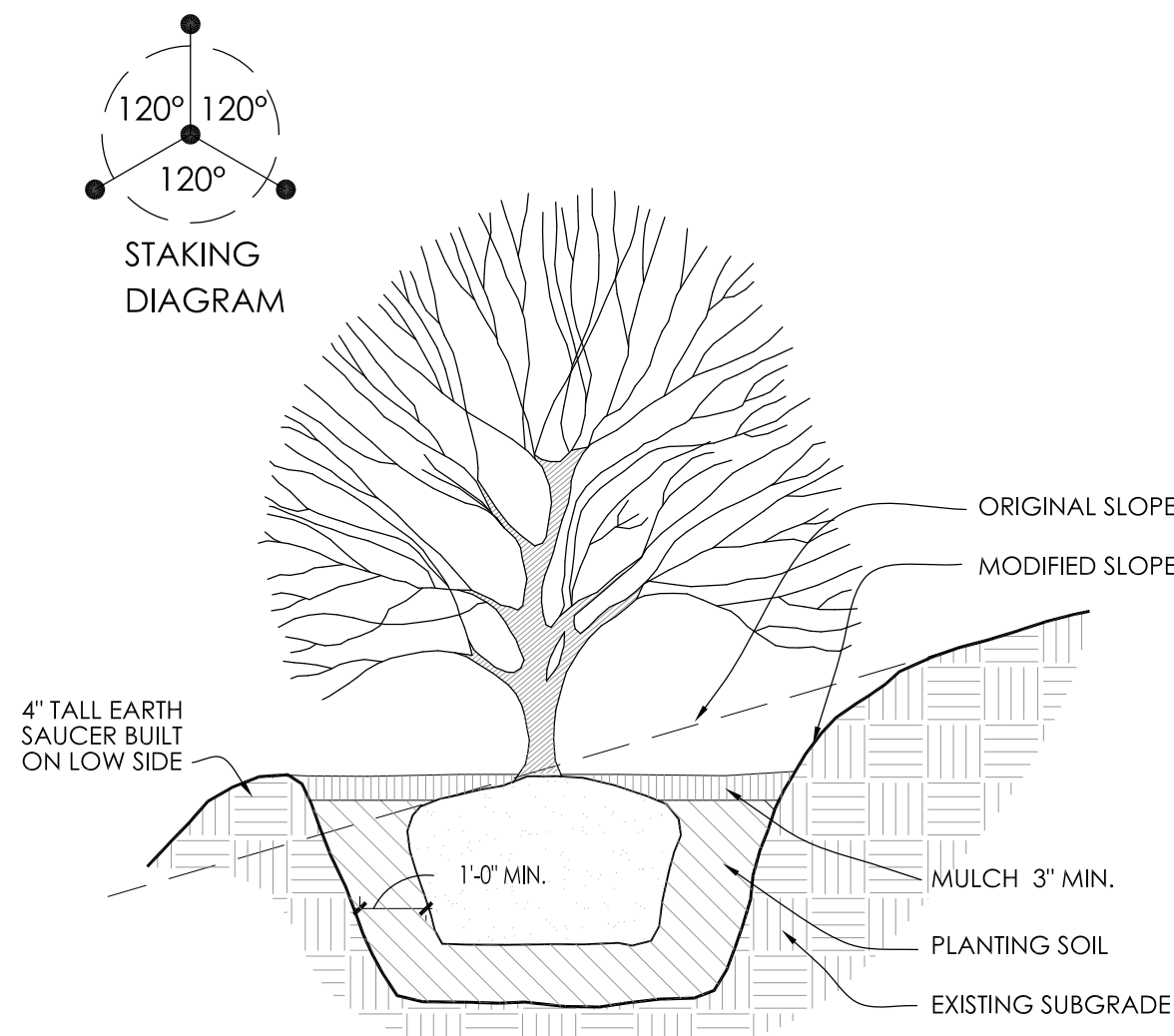
Perennial						
Quantity	Code Name	Symbol	Scientific Name	Common Name	Planting Size	Comments
38	HeSC		Hemerocallis x 'Strawberry Candy'	Strawberry Candy Daylily	4 1/2" pot	6
108	He-mix		Hemerocallis mix	Equal Random Mix of Daylily	4 1/2" pot	6
			Hemerocallis x 'Swirling Water'	Swirling Water Daylily		
			Hemerocallis x 'Nasferatu'	Trophytaker Nasferatu Daylily		
			Hemerocallis x 'Ruby Spider'	Ruby Spider Daylily EveryDaylily		
			Hemerocallis x 'VER00204'	Yellow Punch Daylily		

Comments

1. Straight central leader, full & even crown. Prune only after planting.
2. Well balanced, multi-stemmed tree with a minimum of (3) strong canes and full appearance.
3. Prune existing trees, remove any dead, diseased or hazardous limbs. Thin out as required and raise canopy for safety and viability for both pedestrians and motorists.
4. Evenly shaped upright tree/shrub with full branching to the ground.
5. Full, well rooted plant, evenly shaped.
6. Full, well rooted plant.
7. Male only

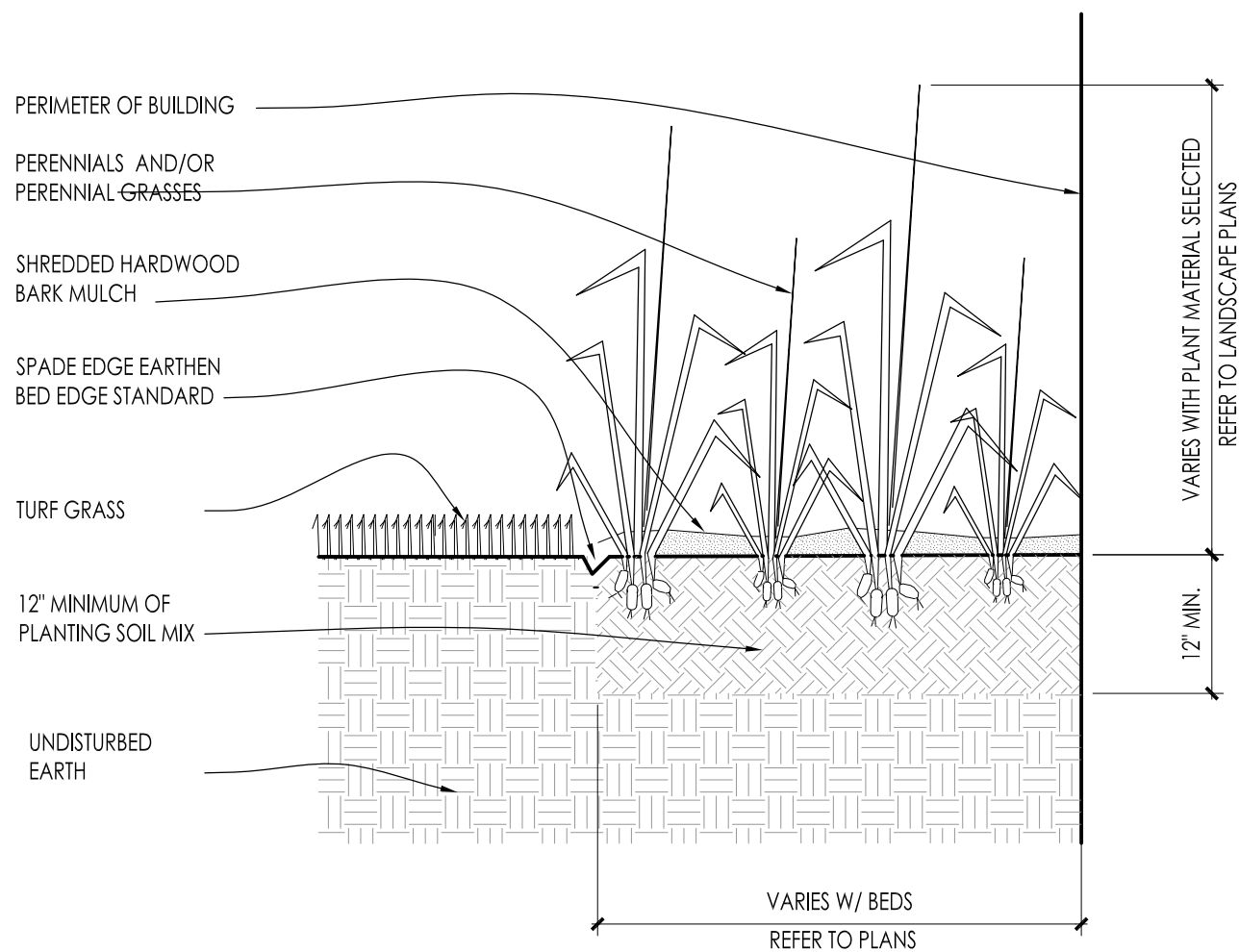


1 DECIDUOUS TREE PLANTING DETAIL SCALE: NONE

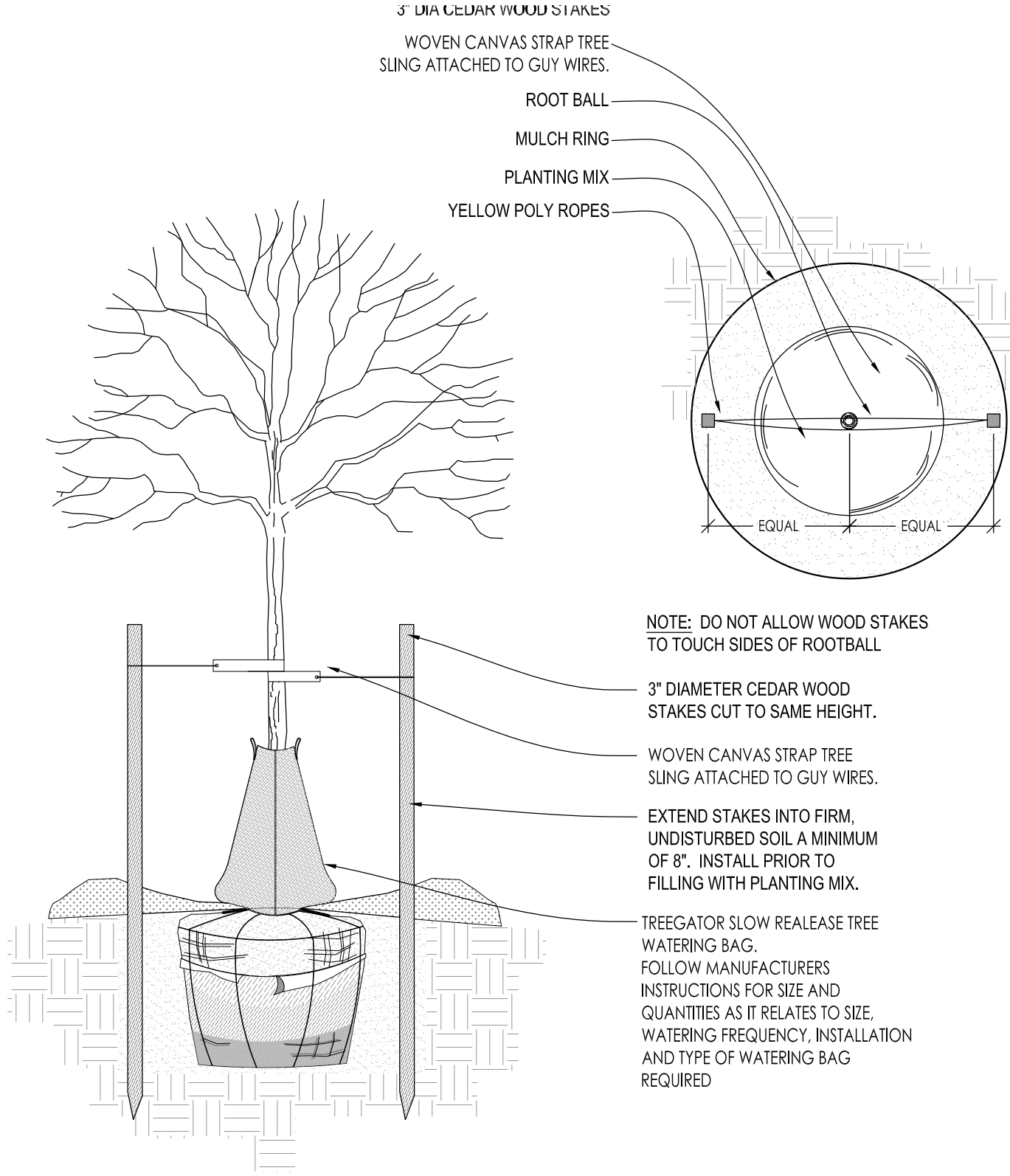


5 SLOPE PLANTING DETAIL SCALE: NONE

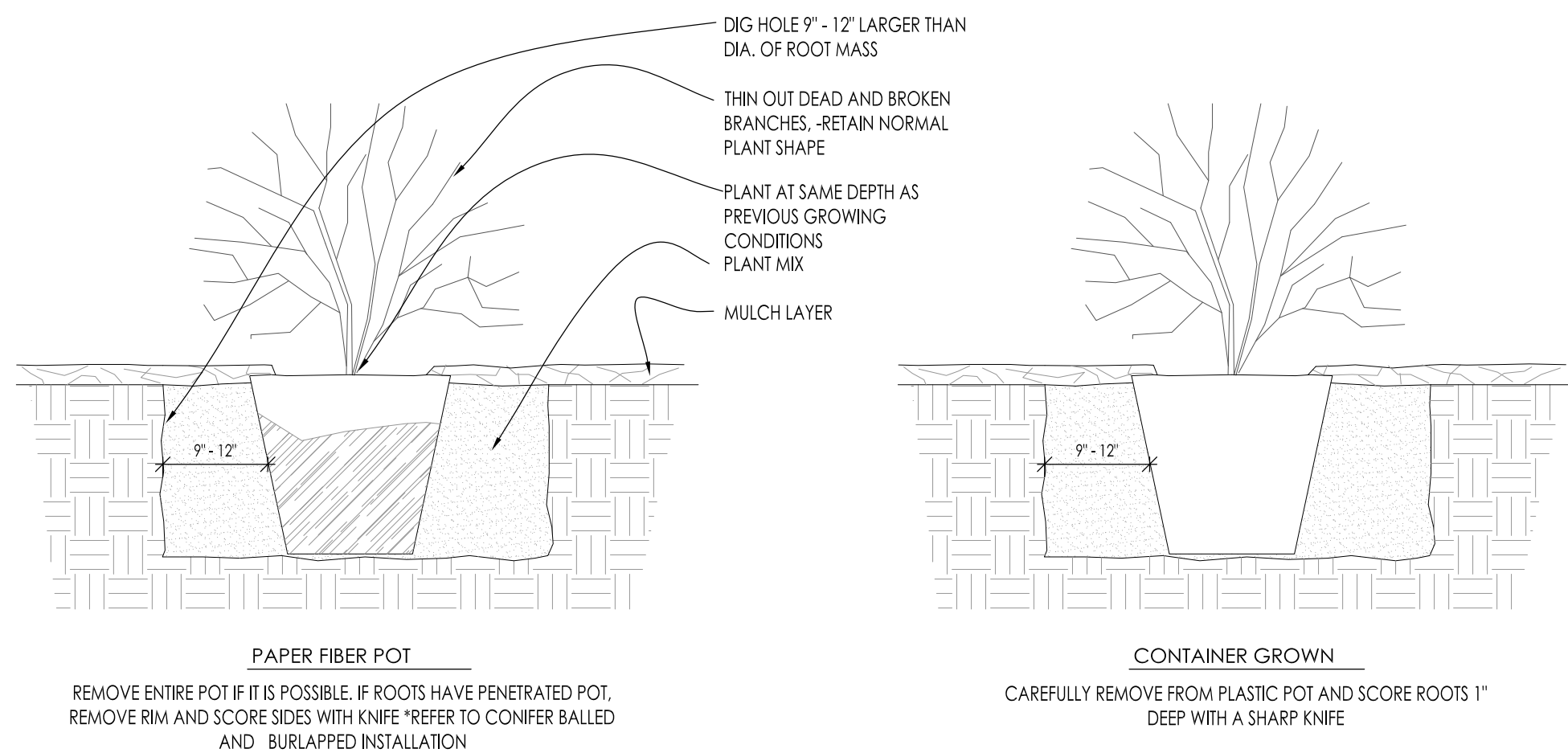
REFER TO TYPICAL DECIDUOUS TREE DETAIL FOR STAKING



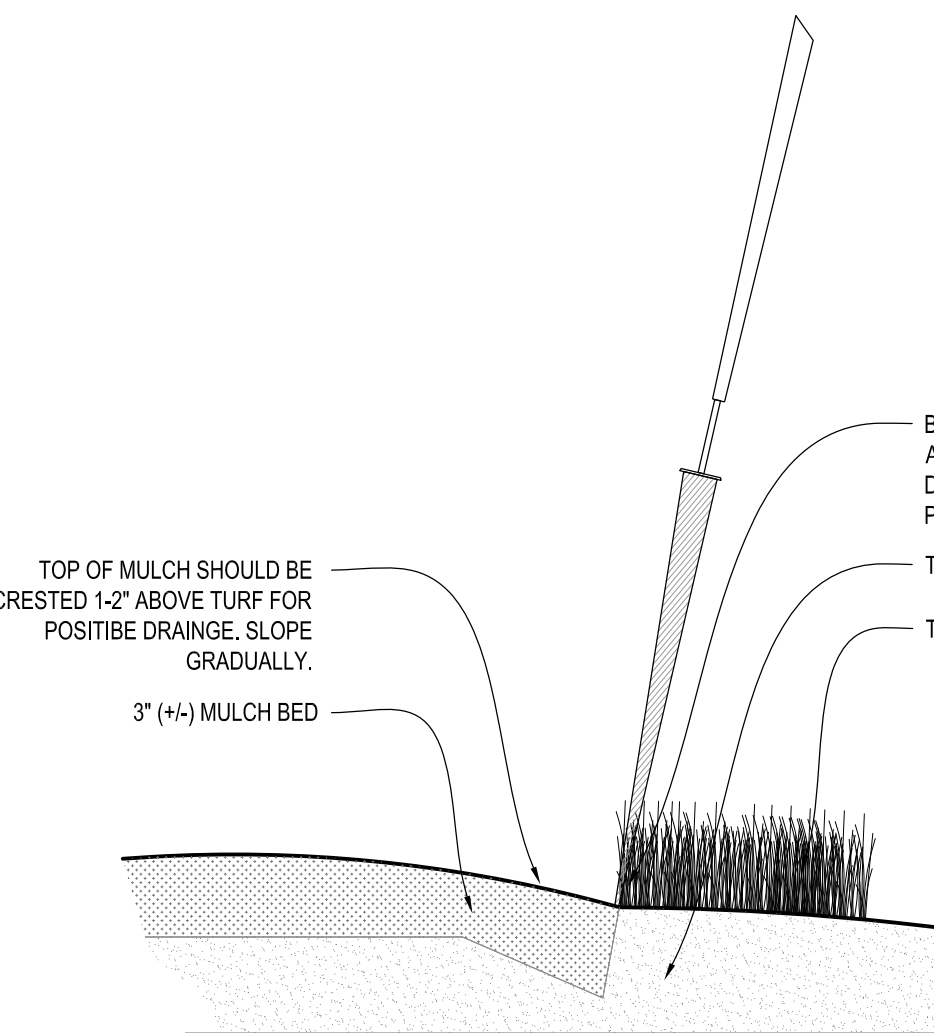
8 PERENNIAL BED PLANTING DETAIL SCALE: NONE



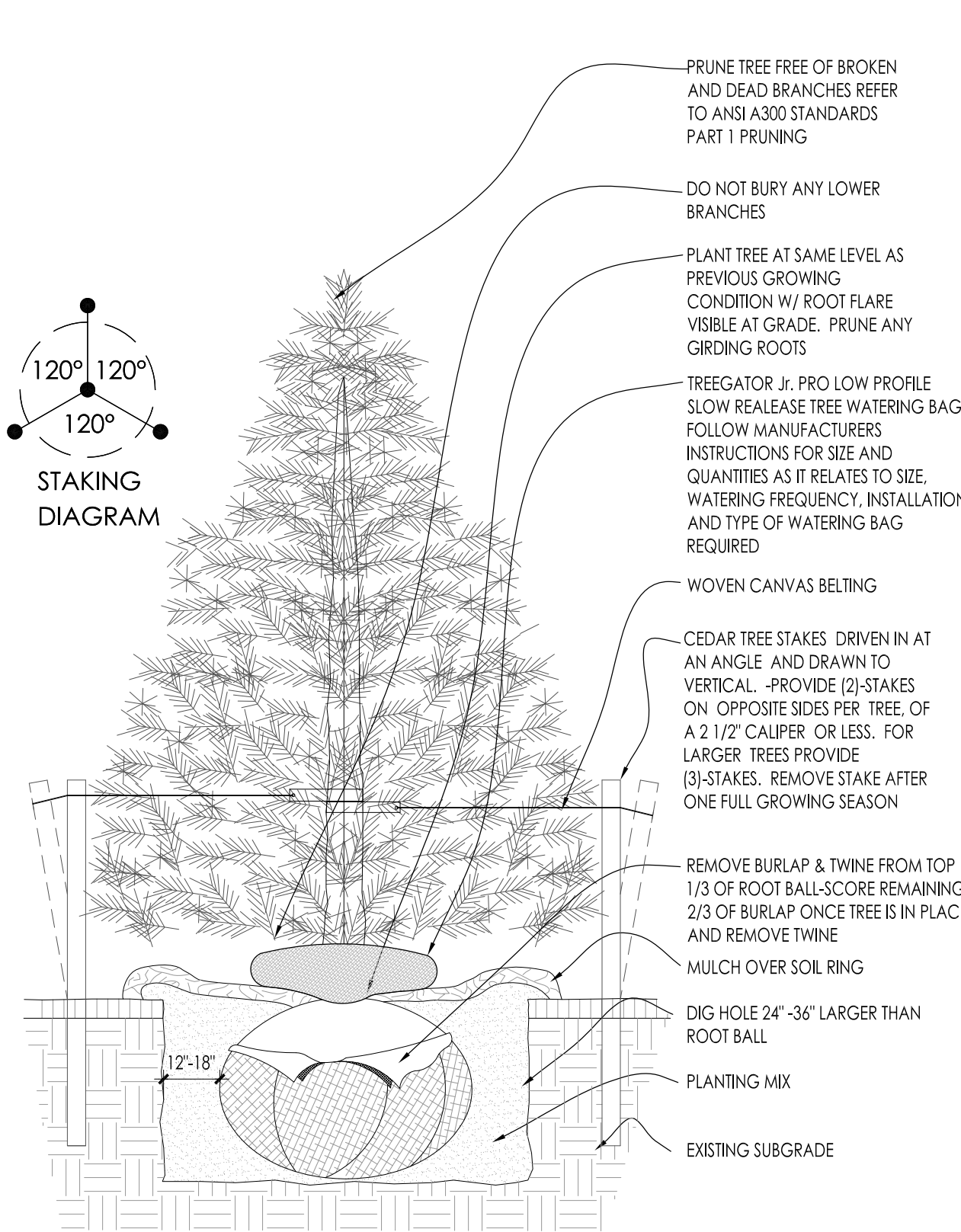
2 DECIDUOUS TREE STAKING PARKING ISLAND/RESTRICTED AREAS SCALE: NONE



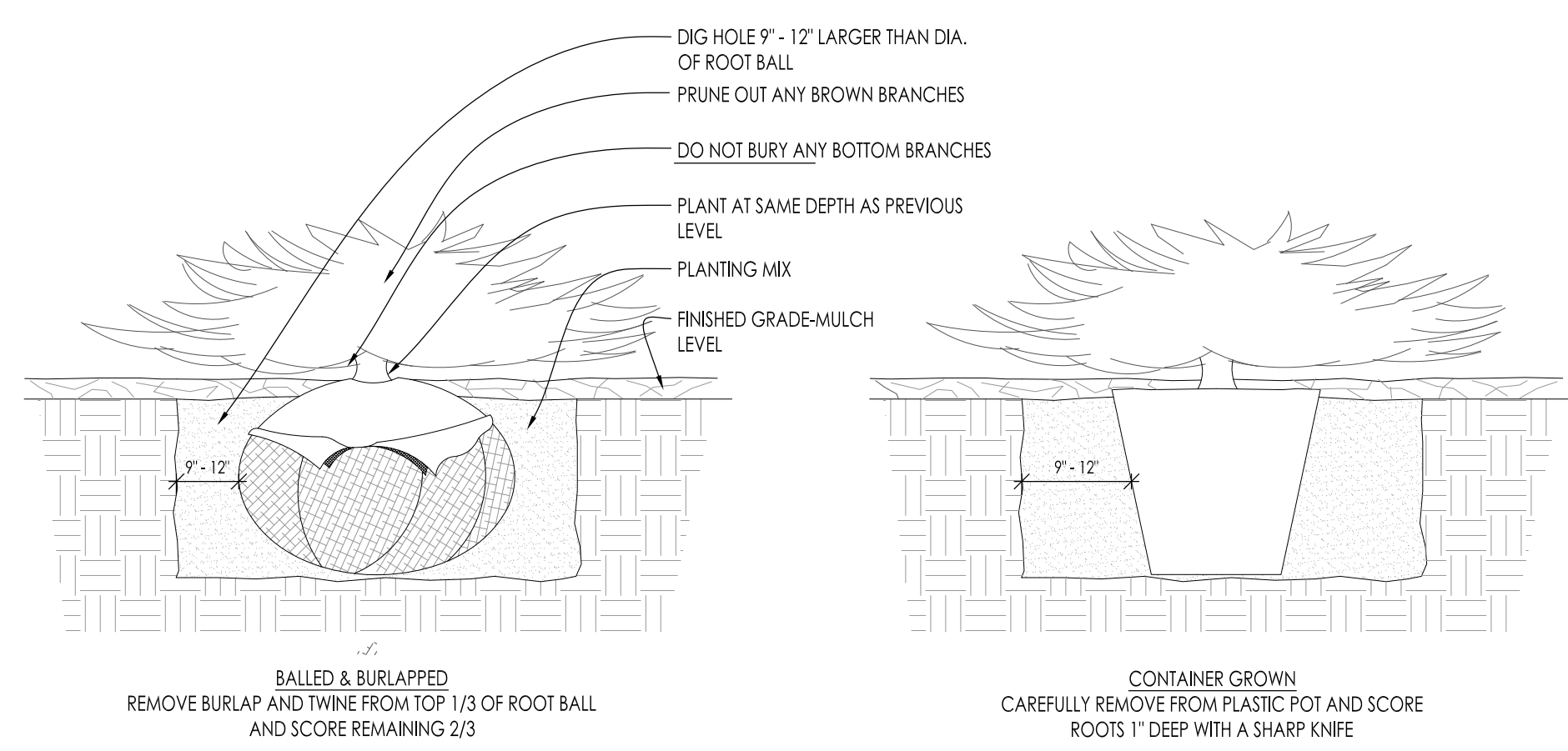
6 DECIDUOUS SHRUB PLANTING DETAIL SCALE: NONE



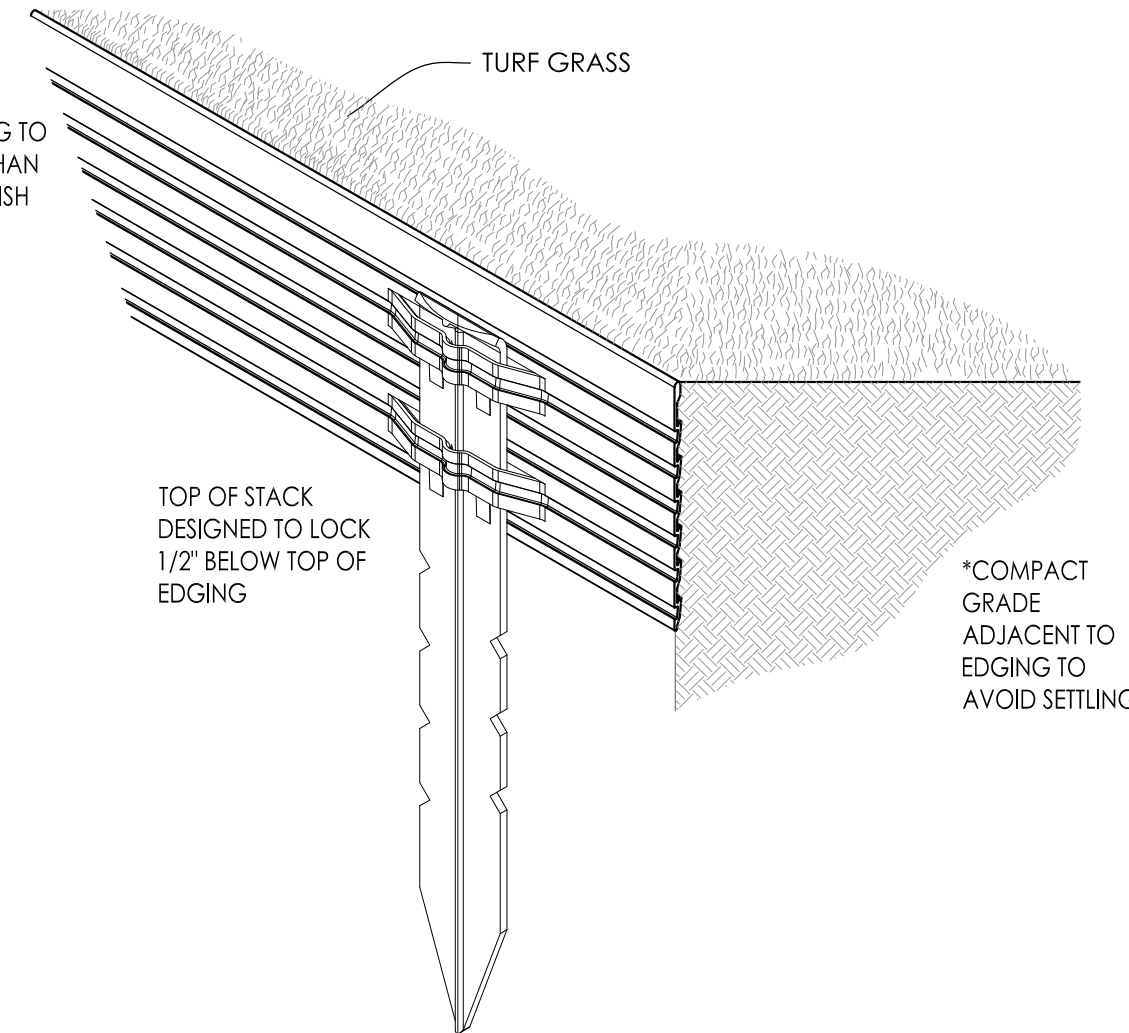
9 SPADE EDGE PLANT BED EDGE DETAIL SCALE: NONE



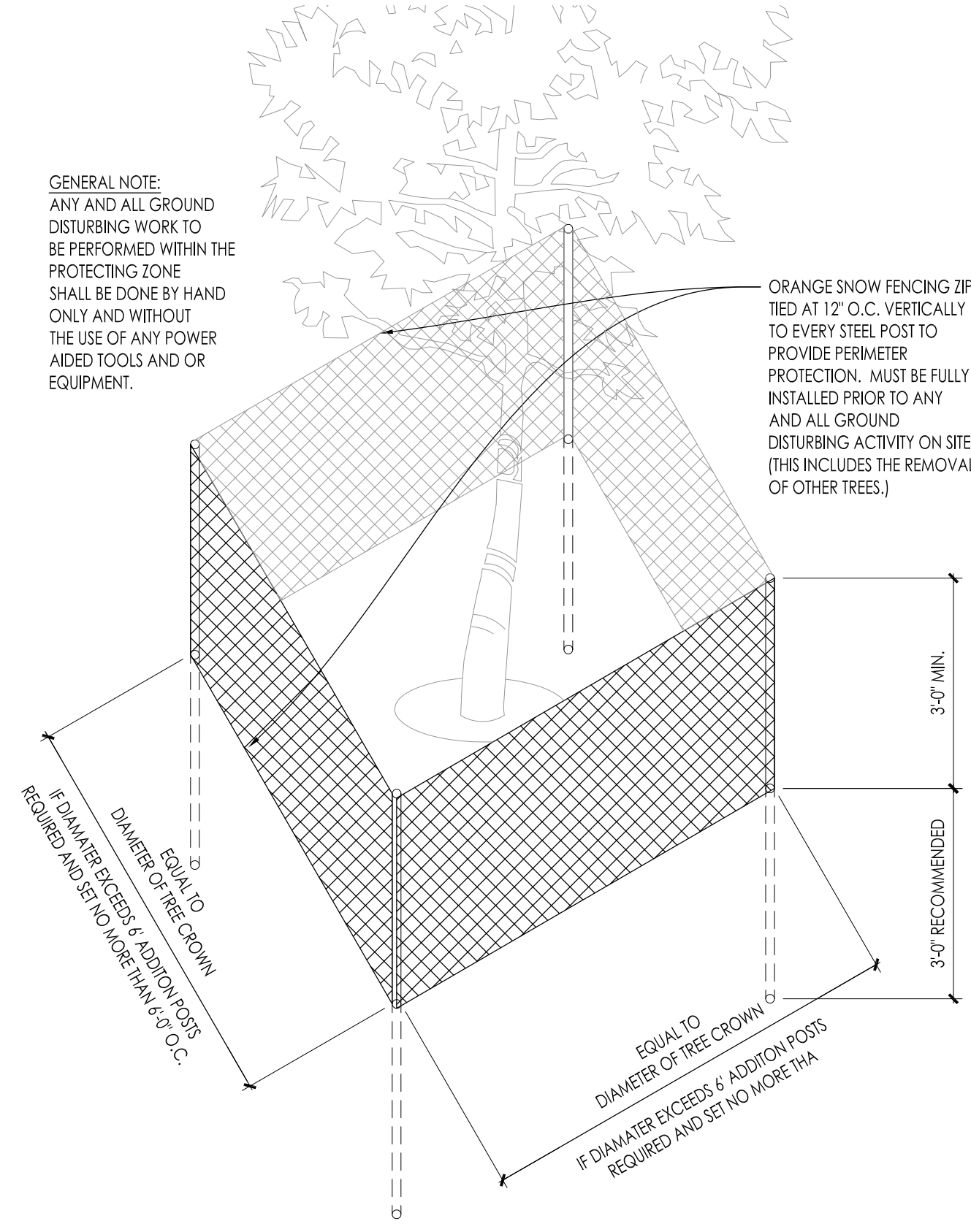
3 CONIFEROUS TREE PLANTING DETAIL SCALE: NONE



7 CONIFEROUS SHRUB PLANTING DETAIL SCALE: NONE



10 METAL LANDSCAPE EDGING DETAIL SCALE: 1/2" = 1'-0"



4 EXISTING TREE PROTECTION DETAIL SCALE: NONE

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mdavis@insitedesigninc.com

Project:

BLUE BAY RESTAURANT REDEVELOPMENT

927 Main Street
Mukwonago, WI 53149

Issuance and Revisions:

Date	Number	Description
12/03/21		Plan Commission Submittal

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Sheet Title:

PROPOSED LANDSCAPE PLAN,
PLANTING DETAILS

Date of Drawing:	12/03/21
Scale:	As Noted
Drawn By:	MCD
Job Number:	L21-013
Sheet Number:	

LSP1.4



1. INFORMATION PERTAINING TO EXISTING CONDITIONS GIVEN ON THESE ARCHITECTURAL DRAWINGS REPRESENTS TO THE BEST OF OUR KNOWLEDGE THE ACTUAL EXISTING FIELD CONDITIONS. INSITE LANDSCAPE DESIGN, INC. MAKES NO WARRANTY AS TO THEIR ACCURACY. CONTRACTOR TO FIELD VERIFY EXISTING CONDITIONS IMPERATIVE TO THEIR NEW WORK. REPORT ANY DISCREPANCIES BETWEEN THE DRAWINGS AND FIELD CONDITIONS TO THE LANDSCAPE ARCHITECT FOR REVIEW. ANY WORK PERFORMED PRIOR TO RESOLUTION OF DISCREPANCIES BY THE LANDSCAPE ARCHITECT IS SUBJECT TO REMOVAL AND REPLACEMENT AT NO ADDITIONAL COST TO THE CONTRACT.

2. VERIFY ALL EXISTING CONDITIONS, DIMENSIONS, AND ALIGNMENT OF WALLS. BRING ANY DISCREPANCIES TO THE LANDSCAPE ARCHITECTS ATTENTION PRIOR TO FABRICATION / CONSTRUCTION BEGINS.
3. VERIFY LOCATION OF ALL EXISTING UNDERGROUND UTILITIES I.E. WATER, SEWER, TELECOMMUNICATION AND ACCESS PANELS w/ MECHANICAL AND ELECTRICAL EQUIPMENT FOR ACCESSIBILITY OF MECHANICAL & ELECTRICAL ITEMS.

1. BASED ON THE INFORMATION PROVIDED, ALL DIMENSIONS AND LUMINAIRE LOCATIONS SHOWN REPRESENT RECOMMENDED POLE PLACEMENTS AND LUMINAIRE ORIENTATION. THE ENGINEER AND/OR ARCHITECT MUST DETERMINE APPLICABILITY OF THE LAYOUT TO RELEVANT FIELD CONDITIONS.

2. THE DEPICTED ILLUMINATION RESULTS ARE BASED UPON ILLUMINATION MEASUREMENTS AS CALCULATED BY AN INDEPENDENT LABORATORY. LUMINAIRE CHARACTERISTICAL DATA WAS MEASURED UNDER CONDITIONS THAT WERE IDENTICAL TO THE APPROVED ILLUMINATION ENGINEERING SOCIETY METHODS. ACTUAL ON-SITE PERFORMANCE OF ANY MANUFACTURER'S LUMINAIRES MAY VARY FROM LABORATORY TEST RESULTS DUE TO VARIATIONS IN: ELECTRICAL VOLTAGE, TOLERANCE IN LAMPS, AND OTHER VARIABLE FIELD CONDITIONS.
3. IF EXISTING LUMINAIRES ARE INCLUDED IN THIS REPORT, THEIR ILLUMINATION CHARACTERISTICS ARE BASED UPON A COMBINATIONS OF CUSTOMER'S PROVIDED SPECIFICATIONS & OUR BEST ESTIMATIONS.
4. ALL EXISTING AND NEW CONCRETE LIGHT POLE BASES ARE TO HAVE ALL FORM MARKS REMOVED, GROUT FLUSH AND THE SURFACE IS TO BE PROMPTLY REPAIR TO ACHIEVE A HAND TROWELED, MASONRY/SEAM COAT OF APPROPRIATE THICKNESS TO ACHIEVE A DURABLE SURFACE AND LONG LASTING AESTHETIC.

Symbol	Label	Qty	Catalog Number	Description	Lamp	File	Lumens	LLF	Watts
	A	2	CPY250-A-DM-F -C-UL-CS	Cree CPY250 Canopy / Softfil Luminaire w- Flat Lens, 122W, 4000K Platinum Silver Factory Finish, Provide Canopy Mounting Plate	72 type XTE AWT LEDs on white square PCB, 4000K color temperature.	CPY250-A-xx-F-A-UL-xx-40K_RESTL-2013-0002.ies	Absolute	1.00	43.4
	B	12	P5642-3030K9-M -C-UL-CS	P5642-3030K9 6" diameter up/down wall mount LED cylinder with LEDs moved closer to opening.	40-Nichia LEDs 3000K	P5642-3030K_160002 0.IES	Absolute	1.00	58
	C	6	XSPW-A-0-3-M -C-UL-CS	Cree XSPW Series Wallpack Luminaire, Type III Medium, 5700K, C Input Power Designator, Platinum Silver factory Finish, U.L. listed for Wet Locations	4 type MDA LEDs	XSPWax3FC-U_RESTL-2014-0018.IES	Absolute	1.00	42.7
	D	2	673-WP-CF2/26-BC	EXTERIOR WALL MOUNT LUMINAIRE WITH WHITE INTERIOR AND WHITE PLASTIC LENS	TWO SYLVANIA 26 WATT CPFL LAMPS	B-LM-63-673.ies	3600	1.00	44

Symbol	Label	Qty	Catalog Number	Description	Lamp	File	Lumens	LLF	Watts
	E	8	1750LED-1L40T4-MDL10-CA	1750LED Medium Chateau, COB LED Type T4	Citizen COB	1750LED-1L40T4-MDL10-CA.IES	Absolute	1.00	75
	F	8	1750LED-1L40T4-MDL10-CA-SV2C	1750LED Medium Chateau, COB LED Type T4, Clear Acrylic, Top Hat Lens	Citizen COB	1750LED-1L40T4-MDL10-CA-SV2C.IES	Absolute	1.00	58.2
	G	107	LED-S14-CW-GLASS	S14 RETROFIT LED DIMMABLE BISTRO BULB Clear GLASS Lens	120V 60HZ 1.5W 2700K	1004161.IESN A95.IES	182	1.00	1.5
STATISTICS									
Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min	UG	CV	Avg/Max
Calc Zone #6	+	1.8 fc	25.4 fc	0.0 fc	N / A	N / A	-1.0	2.2	0.0:1

LUMINAIRE NOTES

1. FIXTURE "1" [3] IS A NEW POLE LOCATION. WITH A NEW POST TOP LED 1750 CHATEAU FIXTURE WITH DECORATIVE RINGS, CLEAR LENS, PHOTOCELL CONTROL WITH AN URBAN BRONZE MATTE FINISH ON A 20'-0" TALL URBAN BRONZE MATTE FINISH 4" DIAMETER ROUND STEEL POLE ON TOP OF A NEW 2'-6" REINFORCED POURED CONCRETE FOUNDATION.
2. FIXTURE "1" [4] IS A EXISTING POLE LOCATION. REUSE EXISTING 6" POURED CONCRETE FOUNDATION. MOUNT A NEW POST TOP LED 1750 CHATEAU FIXTURE WITH DECORATIVE RINGS, CLEAR LENS, PHOTOCELL CONTROL WITH AN URBAN BRONZE MATTE FINISH ON A 20'-0" TALL URBAN BRONZE MATTE FINISH 4" DIAMETER ROUND STEEL POLE ON TOP. (GENERAL CONTRACTOR TO FIELD VERIFY FOR POSSIBLE CONFLICTS AND INCOMPATIBILITY OF EXISTING POLES WITH NEW POLE PRIOR TO ORDERING).
3. FIXTURE "1" [4] IS A NEW POLE LOCATION. WITH A NEW POST TOP LED 1750 CHATEAU FIXTURE WITH DECORATIVE RINGS, CLEAR LENS, PHOTOCELL CONTROL WITH AN URBAN BRONZE MATTE FINISH ON A 20'-0" TALL URBAN BRONZE MATTE FINISH 4" DIAMETER ROUND STEEL POLE ON TOP OF A NEW 2'-6" REINFORCED POURED CONCRETE FOUNDATION.
4. FIXTURE "1" [2] IS A EXISTING POLE LOCATION. REUSE EXISTING 6" POURED CONCRETE FOUNDATION. MOUNT A NEW POST TOP LED 1750 CHATEAU FIXTURE WITH DECORATIVE RINGS, CLEAR LENS, PHOTOCELL CONTROL WITH AN URBAN BRONZE MATTE FINISH ON A 20'-0" TALL URBAN BRONZE MATTE FINISH 4" DIAMETER ROUND STEEL POLE ON TOP. (GENERAL CONTRACTOR TO FIELD VERIFY FOR POSSIBLE CONFLICTS AND INCOMPATIBILITY OF EXISTING POLES WITH NEW POLE PRIOR TO ORDERING).
5. ALL PROPOSED FIXTURE HEADS ARE TO BE DARK-SKY COMPLIANT AND HAVE HARDWARE WITH ISMA FLAT CUTOFF HOUSE SIDE SHIELDING WHERE REQUIRED. NEW PROPOSED POLE MOUNTED FIXTURES (HEADS AND TENONS) FINISH IS TO MATCH EXISTING W/ OPTIONAL PHOTOCELL CONTROL.
6. THE EXISTING AND NEW CONCRETE LIGHT POLE BASES ARE TO HAVE ALL EXPOSED FORM MARKS REMOVED, GROUND THICKNESS AND THE SURFACE IS TO BE PROPERLY PREPARED TO RECEIVE A HAND TROWEL, MASONRY SKIM COAT OF APPROPRIATE FINISH TO NEWLY REFINISH SURFACE AND LONG LASTING AESTHETIC.
7. ALL NEW PROPOSED AREA LIGHT POLES SHALL BE LOCATED 3'-0" FROM BACK OF CURB TO THE EDGE OR FACE OF THE REINFORCED LIGHT POLE BASE, UNLESS NOTED OTHERWISE.
8. INSTALLATION CONTRACTOR TO REFER TO ELECTRICAL PLANS FOR CONDUIT ROUTING OF LIGHT POLES AND SIGNAGE LIGHTING CONTROL AND WIRING.
9. CONTRACTOR TO REFER TO REINFORCED LIGHT POLE BASE SECTION AND DETAIL FOR FURTHER INFORMATION.
10. PROPOSED LIGHTING FIXTURES ARE TO HAVE A URBAN BRONZE MATTE FINISH W/ OPTIONAL PHOTOCELL CONTROL.
11. ALL BUILDING MOUNTED LIGHT FIXTURES ARE TO BE COORDINATED WITH THE ARCHITECTURAL ELEVATIONS FOR EXACT MOUNTING HEIGHTS AND LOCATIONS. FOR PURPOSES OF CALCULATING THE SITE LIGHTING AND PHOTOMETRIC OUTPUT ALL BUILDING MOUNTED LIGHT FIXTURES WERE PLACED AT 22'-0" ABOVE FINISHED FLOOR ELEVATION

THIS LIGHTING PLAN REPRESENTS ILLUMINATION LEVELS ARE CALCULATED VALUES INCLUDE DIRECT AND INTER-REFLECTED COMPONENTS.

THIS LIGHTING PLAN REPRESENTS ILLUMINATION LEVELS CALCULATED FROM LABORATORY DATA TAKEN UNDER CONTROLLED CONDITIONS IN ACCORDANCE WITH THE ILLUMINATING ENGINEERING SOCIETY (IES) APPROVED METHODS. ACTUAL PERFORMANCE OF ANY MANUFACTURER'S LUMINAIRES MAY VARY DUE TO CHANGES IN ELECTRICAL VOLTAGE, TOLERANCE IN LAMPS/LED'S AND OTHER MAY VARY DUE TO CHANGES IN ELECTRICAL VOLTAGE, TOLERANCE IN LAMPS/LED'S AND OTHER VARIABLE FIELD CONDITIONS. CALCULATIONS DO NOT INCLUDE OBSTRUCTIONS SUCH AS BUILDINGS CURBS, LANDSCAPING, OR ANY OTHER ARCHITECTURAL ELEMENTS UNLESS NOTED.



BLUE BAY RESTAURANT REDEVELOPMENT

Issuance and Revisions

Date	Number	Description
12/03/21		Plan Commission Submittal

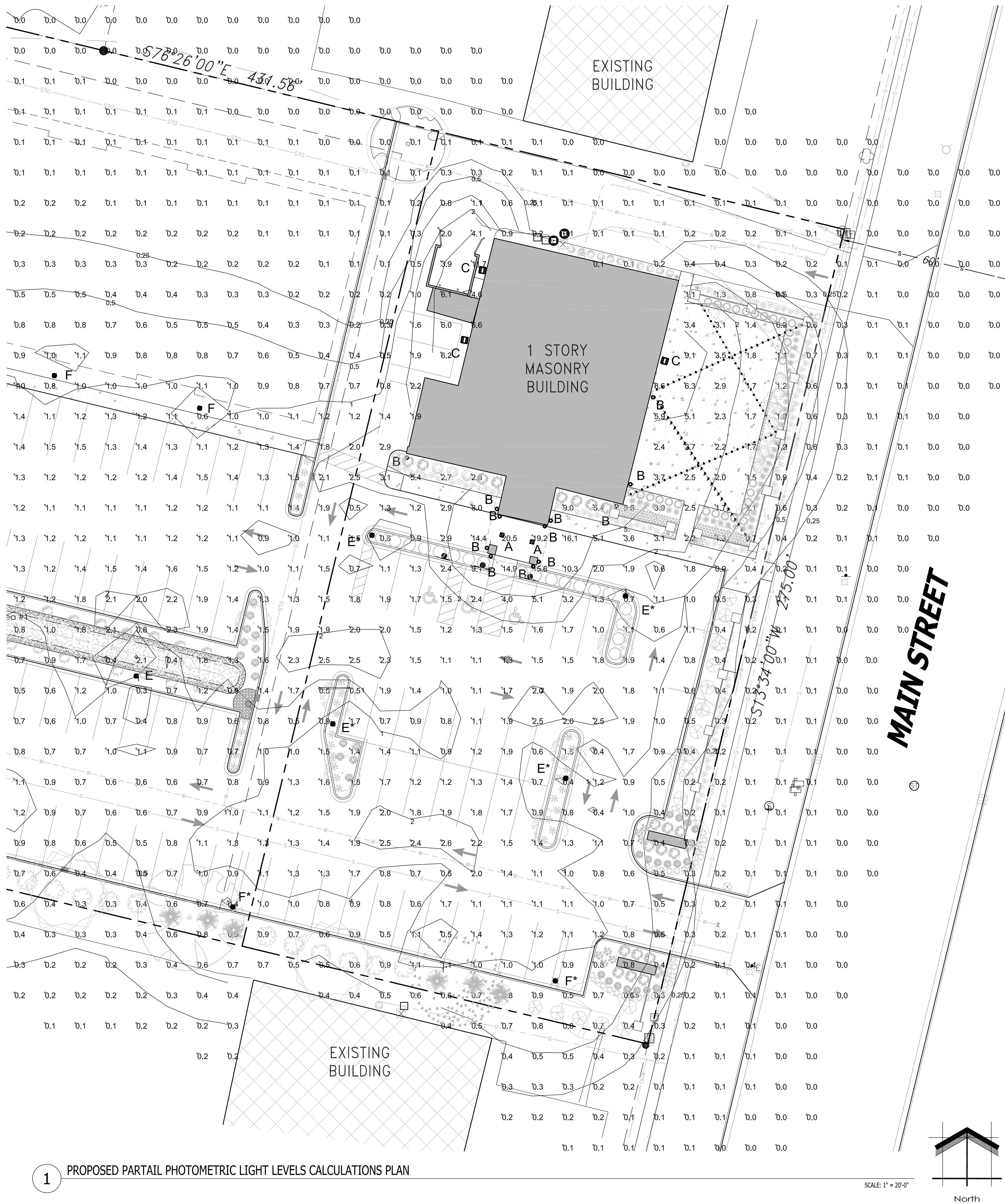
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PROPOSED OVERALL LIGHTING
PLAN,
GENERAL NOTES,
AND LIGHT FIXTURE TABLE

Scale:

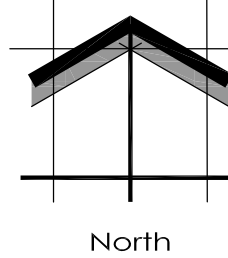
Drawn By: _____ MCD

PHO1.1



1 PROPOSED PARTIAL PHOTOMETRIC LIGHT LEVELS CALCULATIONS PLAN

SCALE: 1" = 20'-0"



InSITE
LANDSCAPE DESIGN
Landscape Consulting
& Master Planning Design Services
11525 W. North Avenue, Suite 1B
Wauwatosa, WI 53226
Tel (414) 476-1204
www.insitedesigninc.com
mdavis@insitedesigninc.com

Project:

**BLUE BAY
RESTAURANT
REDEVELOPMENT**

927 Main Street
Mukwonago, WI 53149

Issuance and Revisions:

Date	Number	Description
12/03/21		Plan Commission Submittal

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Sheet Title:

PROPOSED PARTIAL PHOTOMETRIC
LIGHT LEVEL CALCULATIONS PLAN

TO OBTAIN LOCATION OF PARTICIPANTS UNDERGROUND FACILITIES BEFORE YOU DIG IN WISCONSIN

DIGGERS

HOT LINE

WISCONSIN STATUTE 182.0175 (1974) REQUIRES A MINIMUM OF 3 DAYS NOTICE BEFORE YOU EXCAVATE (NOT INCLUDING SATURDAY, SUNDAY OR LEGAL HOLIDAYS)

UNDERGROUND SEWER AND UTILITY INFORMATION AS SHOWN IS OBTAINED FROM THE RECORDS OF MUNICIPALITY AND LOCAL UTILITY COMPANIES. THE ACCURACY OF WHICH CAN NOT BE GUARANTEED OR CERTIFIED TO. THE LOCATIONS OF EXISTING UTILITY INSTALLATIONS AS SHOWN ON THIS SURVEY ARE APPROXIMATE. THERE MAY BE OTHER UNDERGROUND UTILITY INSTALLATIONS WITHIN THE PROJECT AREA THAT ARE NOT SHOWN.

TO OBTAIN LOCATION OF PARTICIPANTS UNDERGROUND FACILITIES BEFORE YOU DIG IN WISCONSIN CALL THE MILWAUKEE UTILITY ALERT NETWORK (800)-242-8511, (262) 492-7910 (877) 500-9592
www.DiggersHotline.com OR

811

Know what's below.
Call before you dig.

Date of Drawing:	12/03/21
Scale:	1" = 20'-0"
Drawn By:	MCD
Job Number:	L21-013
Sheet Number:	

PHO1.2

Project:

**BLUE BAY
RESTAURANT
REDEVELOPMENT**

927 Main Street
Mukwonago, WI 53149

Issuance and Revisions:

Date	Number	Description
12/03/21		Plan Commission Submittal

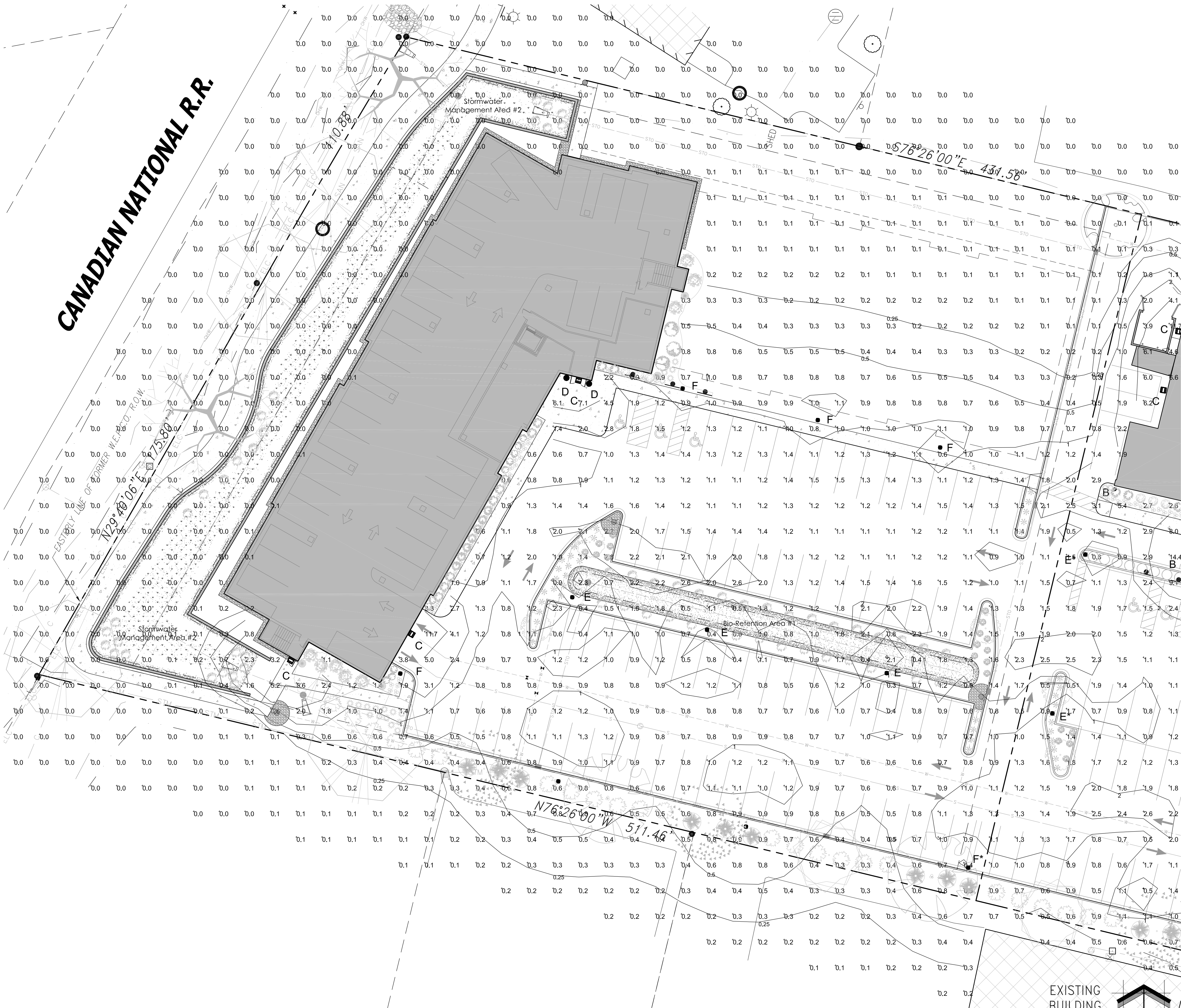
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Sheet Title:

PROPOSED PARTIAL PHOTOMETRIC
LIGHT LEVEL CALCULATIONS PLAN

Date of Drawing:	12/03/21
Scale:	1" = 20'-0"
Drawn By:	MCD
Job Number:	L21-013
Sheet Number:	

PHO1.3



1 PROPOSED PARTIAL PHOTOMETRIC LIGHT LEVELS CALCULATIONS PLAN

TO OBTAIN LOCATION OF PARTICIPANTS UNDERGROUND FACILITIES BEFORE YOU DIG IN WISCONSIN

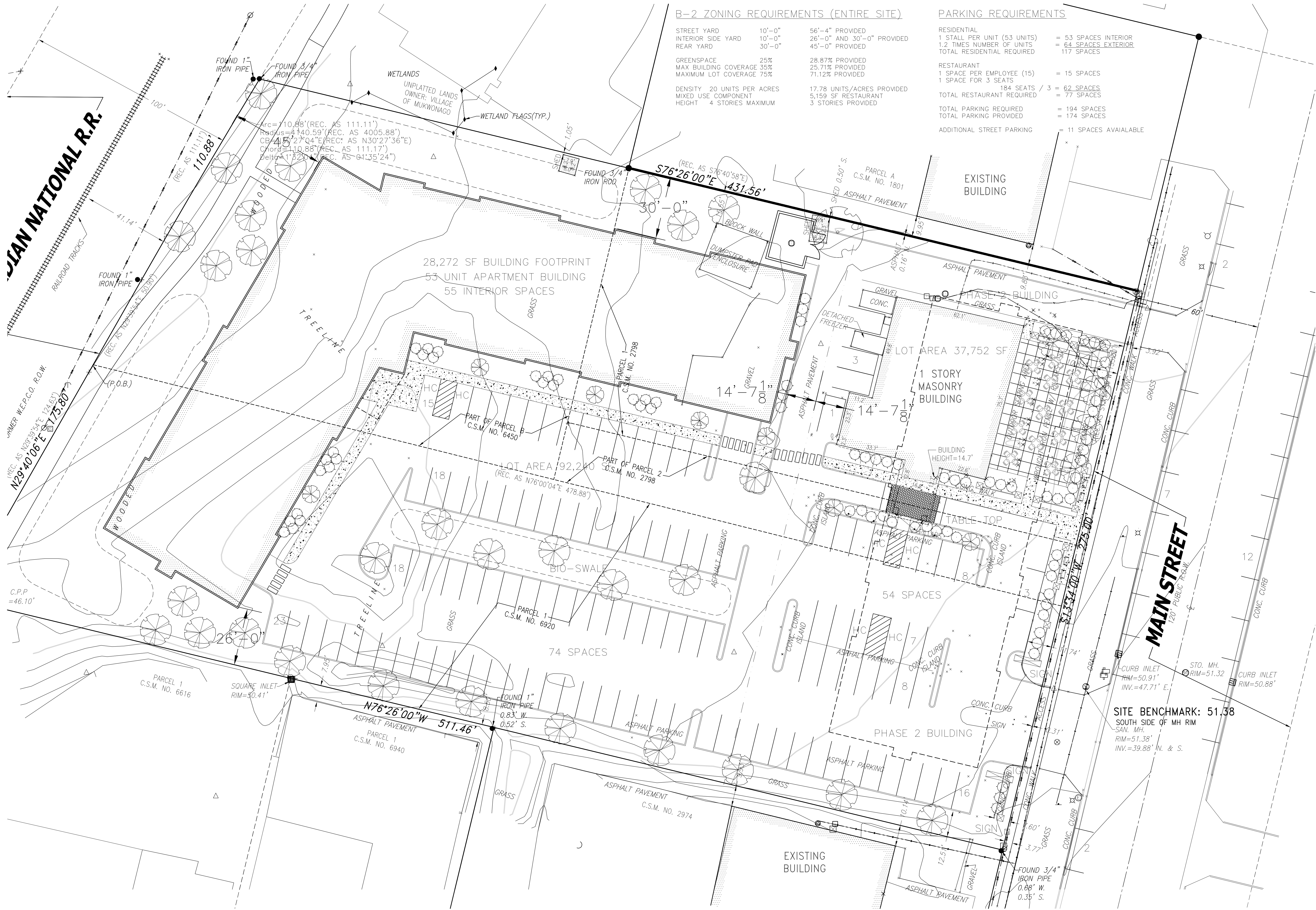
DIGGERS HOT LINE

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UNDERGROUND SEWER AND UTILITY INFORMATION
AS SHOWN IS OBTAINED FROM THE RECORDS OF
MUNICIPALITY AND LOCAL UTILITY COMPANIES.
THE ACCURACY OF WHICH CAN NOT BE
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OF EXISTING UTILITY INSTALLATIONS AS SHOWN ON
THIS SURVEY ARE APPROXIMATE. THERE MAY BE
OTHER UNDERGROUND UTILITY INSTALLATIONS
WITHIN THE PROJECT AREA THAT ARE NOT SHOWN.

TO OBTAIN LOCATION OF
PARTICIPANTS UNDERGROUND
FACILITIES BEFORE YOU DIG IN
WISCONSIN CALL THE MILWAUKEE
UTILITY ALERT NETWORK
(800)-242-8511, (262) 432-7910
(877) 500-9392
www.diggershotline.com
OR

811
Know what's below.
Call before you dig.



B-2 ZONING REQUIREMENTS (ENTIRE SITE)

STREET YARD	10'-0"	56'-4" PROVIDED
INTERIOR SIDE YARD	10'-0"	26'-0" AND 30'-0" PROVIDED
REAR YARD	30'-0"	45'-0" PROVIDED
GREENSPACE	25%	28.87% PROVIDED
MAX. BUILDING COVERAGE	35%	25.71% PROVIDED
MAXIMUM LOT COVERAGE	75%	71.12% PROVIDED
DENSITY	20 UNITS PER ACRES	17.78 UNITS/ACRES PROVIDED
MIXED USE COMPONENT		5,159 SF RESTAURANT
HEIGHT	4 STORIES MAXIMUM	3 STORIES PROVIDED

PARKING REQUIREMENTS

RESIDENTIAL		
1 STALL PER UNIT (53 UNITS)	=	53 SPACES INTERIOR
1.2 TIMES NUMBER OF UNITS	=	64 SPACES EXTERIOR
TOTAL RESIDENTIAL REQUIRED		117 SPACES
RESTAURANT		
1 SPACE PER EMPLOYEE (15)	=	15 SPACES
1 SPACE FOR 3 SEATS		
184 SEATS / 3	=	62 SPACES
TOTAL RESTAURANT REQUIRED		77 SPACES
TOTAL PARKING REQUIRED	=	194 SPACES
TOTAL PARKING PROVIDED	=	174 SPACES
ADDITIONAL STREET PARKING	=	11 SPACES AVAILABLE

SHA

Schroeder & Holt Architects

311 East Chicago Street
Suite 310
Milwaukee, WI 53202

p. 414-276-1760
f. 414-276-1764
www.sha-a2k.com

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BLUE BAY MIXED USE DEVELOPMENT

927 MAIN STREET
MUKWONAGO, WI 53149

CONCEPTUAL DRAWING - NOT FOR CONSTRUCTION

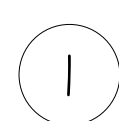
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PROJECT #: 4036

DATE: JULY 13, 2021

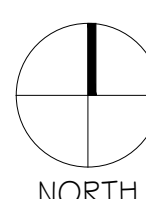
SITE PLAN

SP1.0



GROUND FLOOR PLAN

SCALE: 1/16" = 1'-0"



NORTH

927 MAIN STREET
MUKWONAGO, WI 53149

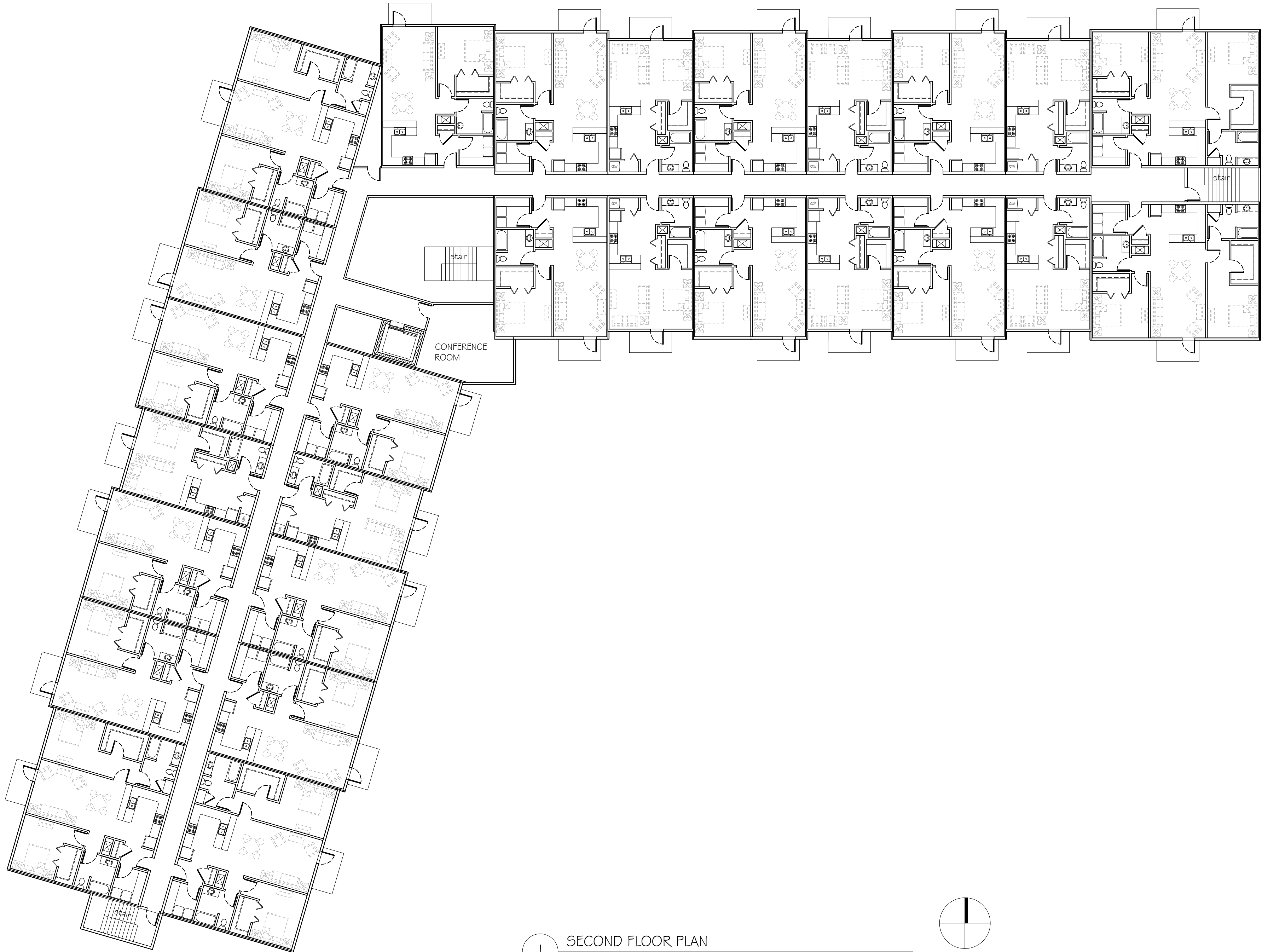
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PROJECT #: 4036

DATE: APRIL 05, 2021

FIRST FLOOR PLAN

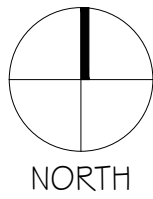
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1

SECOND FLOOR PLAN

SCALE: 1/16" = 1'-0"



CONCEPTUAL DRAWING - NOT FOR CONSTRUCTION

BLUE BAY MIXED USE DEVELOPMENT

927 MAIN STREET
MUKWONAGO, WI 53149

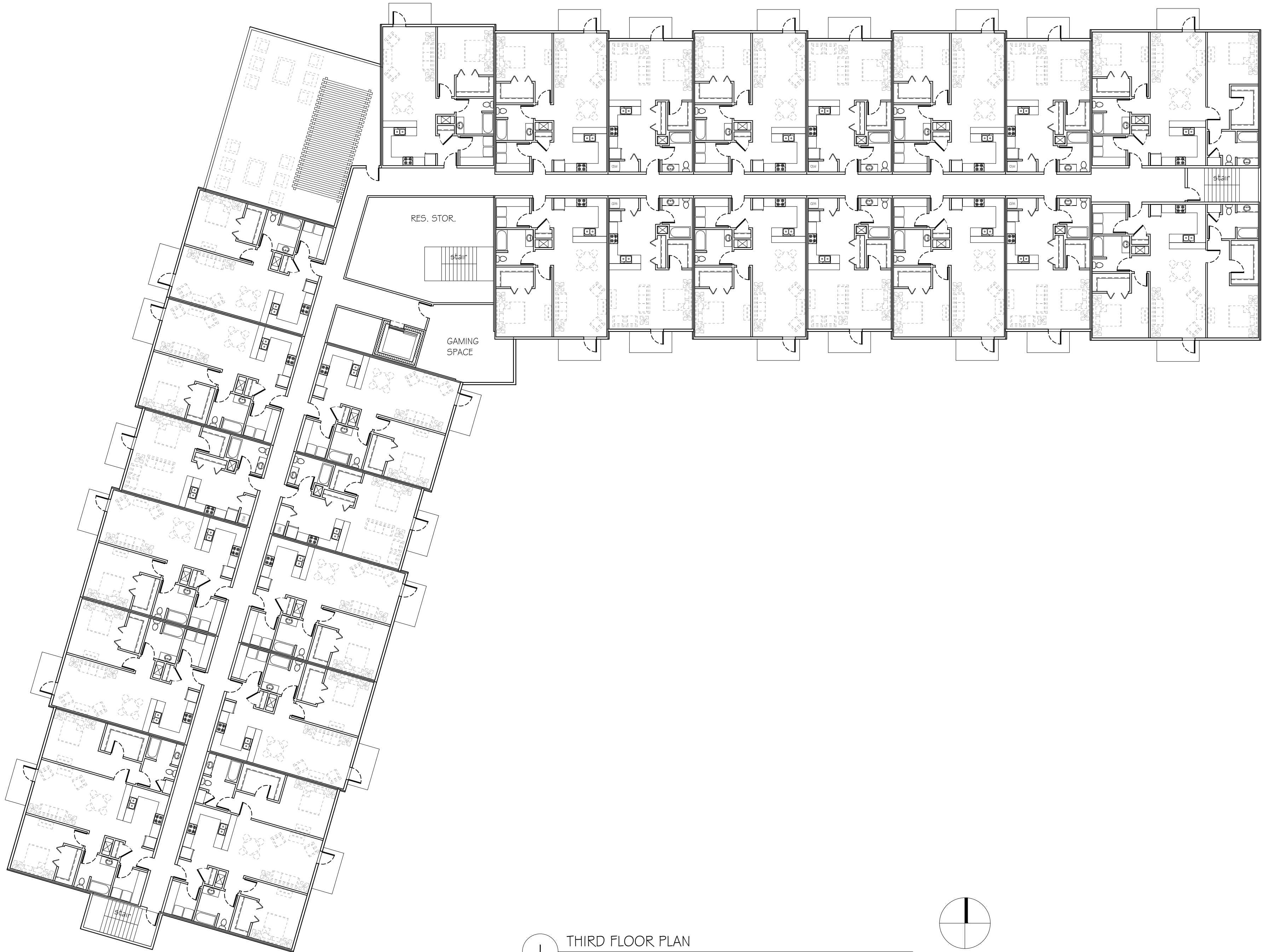
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PROJECT #: 4036

DATE: APRIL 05, 2021

FIRST FLOOR PLAN

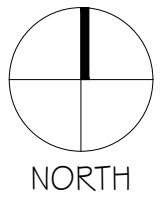
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1

THIRD FLOOR PLAN

SCALE: 1/16" = 1'-0"



CONCEPTUAL DRAWING - NOT FOR CONSTRUCTION

BLUE BAY MIXED USE DEVELOPMENT

927 MAIN STREET
MUKWONAGO, WI 53149

NO.	DATE	DESCRIPTION
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PROJECT #: 4036

DATE: APRIL 05, 2021

FIRST FLOOR PLAN

A1.3



1 EAST ELEVATION
SCALE: 1/16" = 1'-0"



2 NORTH ELEVATION
SCALE: 1/16" = 1'-0"

xx DRAWING - NOT FOR CONSTRUCTION

NO.	DATE	DESCRIPTION
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PROJECT #: 4036

DATE: OCTOBER 05, 2021

EXTERIOR ELEVATIONS

BLUE BAY MIXED USE DEVELOPMENT
927 MAIN STREET
MUKWONAGO, WI 53149



3 WEST ELEVATION

SCALE: 1/16" = 1'-0"



3 SOUTH ELEVATION

SCALE: 1/16" = 1'-0"

BLUE BAY MIXED USE DEVELOPMENT
927 MAIN STREET
MUKWONAGO, WI 53149

NO.	DATE	DESCRIPTION
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PROJECT #:		4036
DATE:		OCTOBER 05, 2021
EXTERIOR ELEVATIONS		

xx DRAWING - NOT FOR CONSTRUCTION

**VILLAGE OF MUKWONAGO
WAUKESHA AND WALWORTH COUNTIES**

RESOLUTION NO. 2022-07

**A RESOLUTION FOR SITE PLAN AND ARCHTIEICTURAL REVIEW FOR VLAZNIM ISLAMI AKA
VIKTOR ISLAMI SANI ISLAMI, 927 SOUTH MAIN ST, UNADDRESSED SOUTH MAIN STREET,
PARCELS MUKV 2009-964-004 AND MUKV 2009-964-001**

WHEREAS, pursuant to Section 100-601, and 100-53 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 Vlaznim Islami aka Viktor Islami Sani Islami

WHEREAS, the use is permitted within the B-2 General Business /BMX – Business Mixed Use 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.

WHEREAS, the Planning Commission has reviewed the plans presented for the BMX overlay (Sec. 100-54) which follows the PUD approval process (Sec. 100-53), which allows for approval of a general development plan and a detailed or final development plan (Section 100-53 (6)). The Planning Commission has found that the plans presented represent a general development plan. The Planning Commission acknowledges that the plans indicate the possibility of two or three phases of development as presented. Based upon the level of details of the plans the Planning Commission recommends the Village Board only approve a general development plan. The developer/applicant will be required to return in the future for approval of the detailed or final development plan. The detailed or final development plan submission shall only be for the phase of development that is intended to move forward (Section 100-53(6) c.), this might result in the submission of possibly three or more detailed or final development plan submission over the course of time as submission documents indicate. All future detailed or final development plans shall be recommended by the Planning Commission and approved by the Village Board by resolution as detailed in Section 100-53 (10). All changes or revisions to the general development plan or future detailed or final development plans shall follow Section 100-53 (14).

WHEREAS, the Planning Commission has granted a parking exception for a reduction in parking of 23 spaces based upon the unit typologies, the ability to allow the mix of uses to share parking, and the availability of on street parking along Main Street, as well as the accessibility to the Multi Use trail as an alternative transportation option.

NOW, THEREFORE, BE IT RESOLVED by the Village Board of the Village of Mukwonago, Wisconsin hereby approves the general development plan for structures at 927 South Main St, Unaddressed South Main Street, Parcel Numbers: MUKV 2009-964-004 and MUKV 2009-964-001 based upon the plan of operation and plans submitted to the Village.

NOW, THEREFORE, BE IT FURTHER RESOLVED this general development plan approval shall be subject to the following conditions:

1. Prior to any land disturbance activity, the applicant shall submit and receive approval of a detailed or final development plan for each phase of the project as required under Section 100-53. Detailed or final development plans for each phase shall be approved by resolution of the Village Board.
2. Prior to any land disturbing activity, the applicant must submit a complete and final set of plans to the Village. 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.
3. Prior to any land-disturbing activity, a pre-construction meeting must be held with the applicant's representatives and primary contractors, and the Village Engineering, Public Works, Utilities, Police, Fire, Inspections, and Planning Departments.
4. 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.
5. The applicant must comply with all conditions of approval from the Village Engineer as noted in their preliminary and final reviews.
6. 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.
7. All work related to this project must comply with all project plans approved by the Village.
8. The developer must comply with all requirements related to impact fees imposed by the Village.
9. The developer shall comply with all parts of the Municipal Code as it relates to this project.
10. 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.
11. Prior to issuance of any preliminary start or building permit a CSM and associated easement documents shall be approved by the Village and recorded with the Register of Deeds.
12. This approval is subject to detailed technical review of the construction drawings for the requirements of the Village Engineer, Department Heads and Village Ordinances. Permits to allow construction shall be withheld until this technical review is complete and all plans including stormwater, utilities, fire, police, planning, building inspections etc. have been completed and approved. The applicant shall make changes and provide updated drawings as requested by the Village Engineer or other department heads, if necessary, prior to approval and issuance of any permits.
13. The multi-use path shall be dedicated to the Village through an easement. A development agreement shall be entered into with regard to the multi use path and

- any other public improvements. Construction details of the multi-use path shall be to Village specification with plans approved by the Village Engineer and Public Works Director. Inspections shall be conducted by the Village Engineer during construction of the multi-use path. Nonstandard details such as a fence between the retention pond and path or any other nonstandard details shall be provided as requested by the Village Engineer and Public Works Director.
14. Comments are noted on marked up drawings (Exhibit A) attached to this report and noted in the resolution. They include the following:
- An easement shall be provided on the CSM on the north side of the property to allow utility access to be able to access the sewer utilities on the bath for maintenance. This shall include associated easement documents.
 - Public Sanitary Sewer easement shall be shown on all drawings. The applicant shall ensure that no structures will encroach into the sanitary sewer easement including retaining walls etc.
 - The applicant shall eliminate the second connection to the public water main.
 - The North South water main connection shall be an 8" connection to avoid the need for the second connection and minimize the cost of fire protection charges.
 - The fire hydrant connections shall be 6"
 - The east west water main line on the southern portion of the building shall be increased as well as the connection to the public water line shall be increased from 6" to 8".
15. The plans are approved condition upon the following modification, revisions, and clarifications:

Landscaping:

The approval of the landscaping plans shall be conditioned upon the final plans being the higher plant count to be approved by planning prior to issuance of grading permits. Additional plantings shall be provided within the bump in areas on the north side of the building some upright and ground level planting be provided along with an ornamental tree. In areas where there are bump outs of the building a greenwall system shall be provided, details to be approved by staff.

Bike Parking

25 spaces be provided for the apartment building with spaces to be located within the parking area as well as outside the apartment building, exact locations, and numbers to be determined by the developer and planner prior to building permits.

Patio

Details of the fence, piers, pavement details, landscaping and lighting be deferred to staff for approval prior to issuance of a grading permit.

Lighting

The lighting along the trail be identical to the lighting along the trail adjacent to the Pointe. Plans and details to be provided to planning and public works staff prior to issuance of a building permit for approval.

Dumpsters

The design of the dumpsters with regard to color, design, and location be approved by planning staff prior to issuance of building permits, subject to the designs integrating with the materials and design of the property.

Architecture

Restaurant: Any exterior modifications to the restaurant shall be considered a phase (under section 100-53) and shall require a detailed or final development plan to be submitted, reviewed, recommended by the Planning Commission, and approved by resolution by the Village Board.

Apartments: Apartment buildings for this project may be submitted in phases (1A and 1B at the rear of property or 2 the front of property with removal of restaurant with building parallel to Main Street) each phase shall require a detailed or final development plan to be submitted, reviewed, recommended by the Planning Commission, and approved by resolution by the Village Board (as stated in Section 100-53).

16. Any future modification as required by ordinance, standards, or policy shall require an update to this site plan and architectural review and approval of the detailed or final development plan.

NOW THEREFORE BE IT RESOLVED, that the Village of Mukwonago,

Approved and Adopted this 19th day of January 2022 by the Village Board of the Village of Mukwonago, Wisconsin.

ATTESTATION:

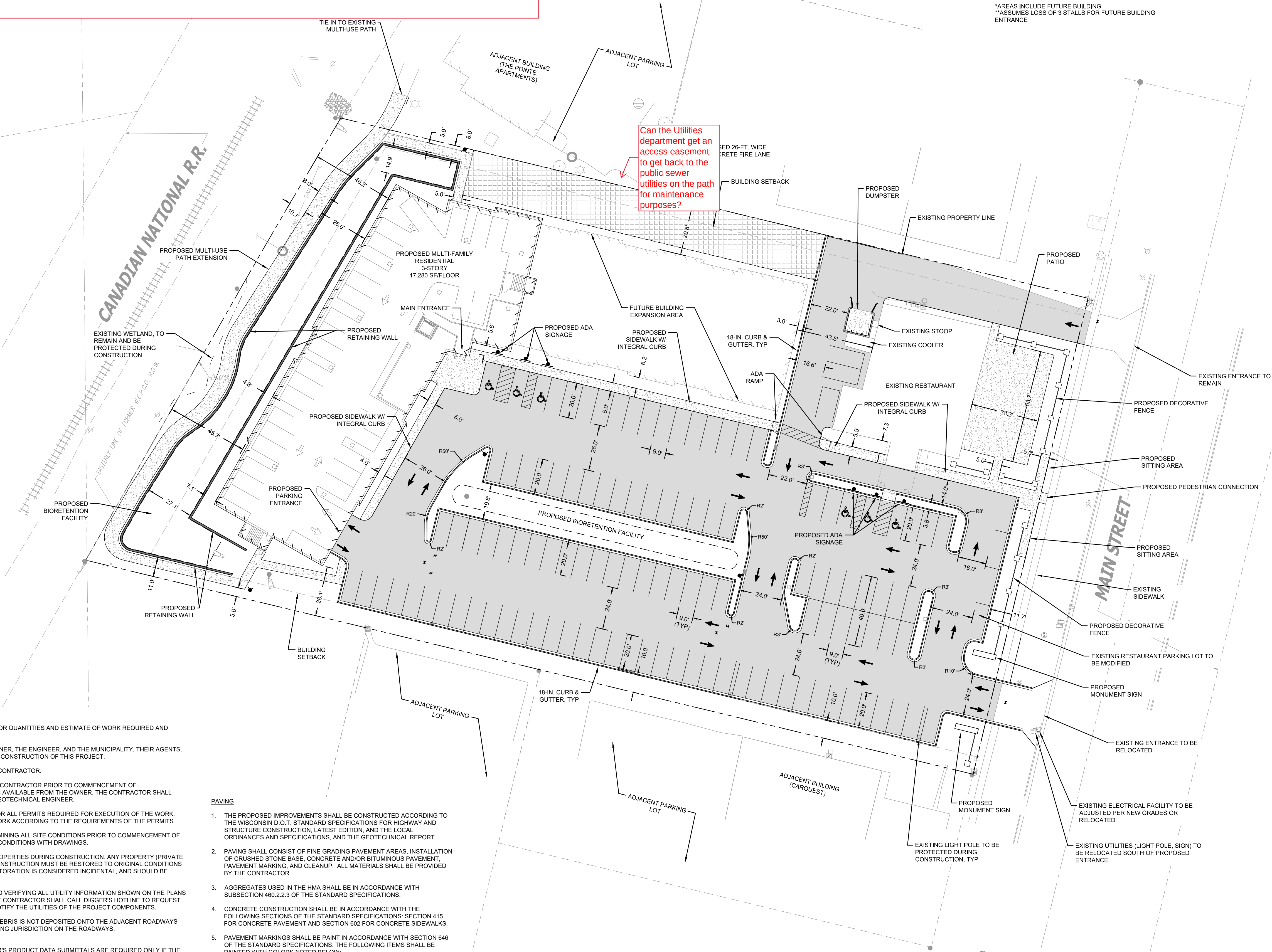
APPROVED:

Fred H. Winchowky, Village President

Diana Dykstra, MMC
Village Clerk-Treasurer

COMBINED USES		
PROPOSED PARKING:		
INTERIOR SPACES		57
EXTERIOR SPACES		116
AVAILABLE STREET PARKING SPACES		12
TOTAL SPACES		185
AREAS:		
TOTAL SITE:	129,751 SF	(2.98 AC)
GREENSPACE	34,650 SF	(0.80 AC)
PERCENT OF TOTAL		26.7%
BUILDING	33,682 SF	(0.77 AC)
PERCENT OF TOTAL		26.0%

AREAS INCLUDE FUTURE BUILDING
**ASSUMES LOSS OF 3 STALLS FOR FUTURE BUILDING
ENTRANCE



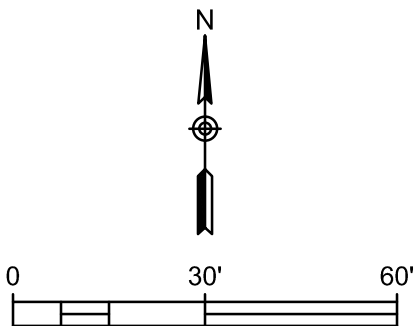
GENERAL NOTES

1. THE BIDDER WILL BE SOLELY RESPONSIBLE FOR QUANTITIES AND ESTIMATE OF WORK REQUIRED AND SHALL STATE SUCH QUANTITIES IN THEIR BID.
2. THE CONTRACTOR SHALL INDEMNIFY THE OWNER, THE ENGINEER, AND THE MUNICIPALITY, THEIR AGENTS, ETC. FROM ALL LIABILITY INVOLVED WITH THE CONSTRUCTION OF THIS PROJECT.
3. SITE SAFETY IS THE RESPONSIBILITY OF THE CONTRACTOR.
4. SOIL CONDITIONS SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO COMMENCEMENT OF CONSTRUCTION. A GEOTECHNICAL REPORT IS AVAILABLE FROM THE OWNER. THE CONTRACTOR SHALL ABIDE BY THE RECOMMENDATIONS OF THE GEOTECHNICAL ENGINEER.
5. THE CONTRACTOR SHALL OBTAIN AND PAY FOR ALL PERMITS REQUIRED FOR EXECUTION OF THE WORK. THE CONTRACTOR SHALL CONDUCT THEIR WORK ACCORDING TO THE REQUIREMENTS OF THE PERMITS.
6. THE CONTRACTOR IS RESPONSIBLE FOR EXAMINING ALL SITE CONDITIONS PRIOR TO COMMENCEMENT OF CONSTRUCTION AND SHALL COMPARE FIELD CONDITIONS WITH DRAWINGS.
7. CONTRACTOR SHALL PROTECT ADJACENT PROPERTIES DURING CONSTRUCTION. ANY PROPERTY (PRIVATE OR PUBLIC) WHICH ARE DAMAGED DURING CONSTRUCTION MUST BE RESTORED TO ORIGINAL CONDITIONS BY THE CONTRACTOR. THE COST OF THE RESTORATION IS CONSIDERED INCIDENTAL, AND SHOULD BE INCLUDED IN THE BID PRICES.
8. THE CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFYING ALL UTILITY INFORMATION SHOWN ON THE PLANS PRIOR TO THE START OF CONSTRUCTION. THE CONTRACTOR SHALL CALL DIGGER'S HOTLINE TO REQUEST FIELD STAKING OF EXISTING UTILITIES AND NOTIFY THE UTILITIES OF THE PROJECT COMPONENTS.
9. CONTRACTOR SHALL ENSURE ALL MUD AND DEBRIS IS NOT DEPOSITED ONTO THE ADJACENT ROADWAYS PER THE REQUIREMENT OF THE AGENCY HAVING JURISDICTION ON THE ROADWAYS.
10. SUBMITTALS:
 - A. SHOP DRAWINGS AND/OR MANUFACTURER'S PRODUCT DATA SUBMITTALS ARE REQUIRED ONLY IF THE PRODUCT OR METHOD OF CONSTRUCTION:
 - a. IS DIFFERENT FROM THAT SPECIFIED OR
 - b. IS PART OF THE WORK THAT WILL BE DEDICATED AS A PUBLIC UTILITY OR ROADWAY AT THE END OF THE PROJECT OR
 - c. IF REQUIRED BY THE MUNICIPAL ENGINEER.
 - B. FOR UTILITY OR ROAD WORK THAT WILL BE DEDICATED TO A MUNICIPALITY, CONTRACTOR MUST MAKE SUBMITTALS TO THE MUNICIPALITY AS WELL AS ENGINEER.

PAVING

1. THE PROPOSED IMPROVEMENTS SHALL BE CONSTRUCTED ACCORDING TO THE WISCONSIN D.O.T. STANDARD SPECIFICATIONS FOR HIGHWAY AND STRUCTURE CONSTRUCTION, LATEST EDITION, AND THE LOCAL ORDINANCES AND SPECIFICATIONS, AND THE GEOTECHNICAL REPORT.
2. PAVING SHALL CONSIST OF FINE GRADING PAVEMENT AREAS, INSTALLATION OF CRUSHED STONE BASE, CONCRETE AND/OR BITUMINOUS PAVEMENT, PAVEMENT MARKING, AND CLEANUP. ALL MATERIALS SHALL BE PROVIDED BY THE CONTRACTOR.
3. AGGREGATES USED IN THE HMA SHALL BE IN ACCORDANCE WITH SUBSECTION 460.2.2.3 OF THE STANDARD SPECIFICATIONS.
4. CONCRETE CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE FOLLOWING SECTIONS OF THE STANDARD SPECIFICATIONS: SECTION 415 FOR CONCRETE PAVEMENT AND SECTION 602 FOR CONCRETE SIDEWALKS.
5. PAVEMENT MARKINGS SHALL BE PAINT IN ACCORDANCE WITH SECTION 646 OF THE STANDARD SPECIFICATIONS; THE FOLLOWING ITEMS SHALL BE PAINTED WITH COLORS NOTED BELOW:

PARKING STALLS: WHITE
PEDESTRIAN CROSSWALKS: WHITE
ADA SYMBOLS: BLUE OR PER LOCAL CODE
EXTERIOR SIDEWALK CURBED, LIGHTPOLE BASES, AND GUARD POSTS:
YELLOW



Endpoint Solutions

6871 S. LOVERS LANE
FRANKLIN, WI 53132
PHONE: (414) 427-1200

BLUE BAY RESTAURANT REDEVELOPMENT

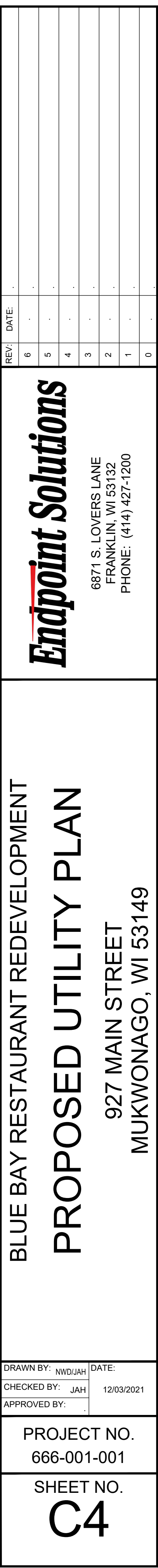
PROPOSED SITE PLAN

927 MAIN STREET
MUKWONAGO, WI 53149

DRAWN BY: NWD/JAH	DATE:
CHECKED BY: JAH	12/03/2021
APPROVED BY:	

PROJECT NO.
666-001-001

SHEET NO.
C2



Accounts Payable Cover Sheet

Report:	Period or corresponding report date		
Village Accounts Payable	1/13/2022	\$	513,860.88

Total for Approval: \$ 513,860.88

The preceding list of bills payable was approved for payment

Date: _____

Approved by: _____

01/13/2022 12:07 PM
User: MROCKLEY
DB: Mukwonago

PENDING VILLAGE BOARD REVIEW FOR MUKWONAGO
EXP CHECK RUN DATES 01/20/2022 - 01/20/2022
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INVOICE NUMBER	DESCRIPTION	DISTRIBUTIONS\AMOUNTS		AMOUNT	APPROVAL DEPARTMENT	POST DATE
VENDOR NAME: 10-33 VEHICLE SERVICES, LLC						
2094	NEW SQUAD #1 EQUIPMENT	430-5700-571100	11,923.81	11,923.81	POLICE	01/20/2022
2095	NEW SQUAD #2 EQUIPMENT	430-5700-571100	11,923.81	11,923.81	POLICE	01/20/2022
2096	NEW SQUAD #3 EQUIPMENT	430-5700-571100	11,923.81	11,923.81	POLICE	01/20/2022
TOTAL VENDOR 10-33 VEHICLE SERVICES, LLC				35,771.43		
VENDOR NAME: 5 ALARM FIRE & SAFETY						
P01492	TUNROUT GEAR NAME PLATE HUGHES	150-5222-539500	75.85	75.85	FIRE	01/20/2022
TOTAL VENDOR 5 ALARM FIRE & SAFETY				75.85		
VENDOR NAME: AC SERVICE INC						
39282	THERMOSTATS STATION 1	100-5220-539400	538.20	538.20	DPW	12/31/2021
39193	VH FURNACE SERVICE CALL	100-5160-539500	234.00	234.00	DPW	12/31/2021
CU21-38515	STATION 1 RTU INSTALL	430-5700-571200	17,995.00	17,995.00	DPW	12/31/2021
TOTAL VENDOR AC SERVICE INC				18,767.20		
VENDOR NAME: AIR ONE						
176367	FLOATING STRAINER	150-5700-571300	415.00	415.00	FIRE	12/31/2021
TOTAL VENDOR AIR ONE				415.00		
VENDOR NAME: ALSCO						
IMIL1759997	MAT CLEANING SERVICE	100-5211-539400	51.86	51.86	POLICE	12/31/2021
TOTAL VENDOR ALSCO				51.86		
VENDOR NAME: AMAZON CAPITOL SERVICES						
1719-CNH6-NFKH	CALENDAR	100-5142-531100	23.90	23.90	CLERK	12/31/2021
1DWP-TXNL-G97M	HDMI CABLE ADMIN MONITORS	100-5141-531100	20.98	20.98	CLERK	01/20/2022
TOTAL VENDOR AMAZON CAPITOL SERVICES				44.88		
VENDOR NAME: AMERICAN POWER, INC						
144509	CHAINSAW REPAIRS	100-5324-539500	287.43	287.43	DPW	12/31/2021
TOTAL VENDOR AMERICAN POWER, INC				287.43		
VENDOR NAME: ASSOCIATED APPRAISAL CONSULTANT INC						
160149	JANUARY 2022 ASSESSMENT SVS	100-5153-521900	1,464.24	1,464.24	CLERK	01/20/2022
TOTAL VENDOR ASSOCIATED APPRAISAL CONSULTANT INC				1,464.24		
VENDOR NAME: ASSOCIATED TRUST CO.						
21794	REVENUE BOND FEES	610-6920-693000	237.50	475.00	FINANCE	12/31/2021
		620-8400-856000	237.50			
TOTAL VENDOR ASSOCIATED TRUST CO.				475.00		
VENDOR NAME: AUTUMN SUPPLY						
14624	FLOOR SQUEEZES	150-5222-531100	211.98	423.96	FIRE	12/31/2021
		150-5231-531100	211.98			
TOTAL VENDOR AUTUMN SUPPLY				423.96		

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INVOICE NUMBER	DESCRIPTION	DISTRIBUTIONS\AMOUNTS		AMOUNT	APPROVAL DEPARTMENT	POST DATE
VENDOR NAME: BASSETT MECHANICAL						
659183C	WWTF HVAC MAINTENANCE	620-8010-833000	778.50	778.50	UTILITIES	01/20/2022
TOTAL VENDOR BASSETT MECHANICAL				778.50		
VENDOR NAME: BAYSIDE PRINTING LLC						
139762	PRINTING 3RD QUARTER UB NEWSLETTER	100-5142-531200	77.53	914.53	ALLOCATE	12/31/2021
		100-5211-531200	77.55			
		410-5363-531200	77.55			
		440-5511-531200	77.55			
		610-6902-690300	77.55			
		410-5363-531200	263.40			
		620-8400-852000	263.40			
TOTAL VENDOR BAYSIDE PRINTING LLC				914.53		
VENDOR NAME: BEDROCK SEWER & WATER						
2666	WWTF INSTALL CONFINED SPACE TESTING MANH	620-8030-831000	4,500.00	4,500.00	UTILITIES	12/31/2021
TOTAL VENDOR BEDROCK SEWER & WATER				4,500.00		
VENDOR NAME: BEST RADON SOLUTIONS, LLC						
DEC 2021	MUSEUM RADON SYSTEM	100-5512-582100	1,450.00	1,450.00	DPW	12/31/2021
TOTAL VENDOR BEST RADON SOLUTIONS, LLC				1,450.00		
VENDOR NAME: BLACK BOX STUDIO THEATER						
10016	PHOTOGRAPHER HEAD SHOTS	100-5142-531100	1,650.00	1,650.00	CLERK	12/31/2021
TOTAL VENDOR BLACK BOX STUDIO THEATER				1,650.00		
VENDOR NAME: BOUND TREE MEDICAL LLC						
84355519	EMS SUPPLIES	150-5231-531100	984.14	984.14	FIRE	01/20/2022
84346976	EMS SUPPLIES	150-5231-531100	274.00	274.00	FIRE	01/20/2022
84344766	EMS SUPPLIES	150-5231-531100	88.90	88.90	FIRE	12/31/2021
TOTAL VENDOR BOUND TREE MEDICAL LLC				1,347.04		
VENDOR NAME: BRAUN THYSSSEN KRUPP ELEVATOR						
24026	VH ELEVATOR REPAIRS	100-5160-539500	206.33	206.33	DPW	01/20/2022
24146	VH ELEVATOR SRVICE CALL	100-5160-539500	287.00	287.00	DPW	01/20/2022
TOTAL VENDOR BRAUN THYSSSEN KRUPP ELEVATOR				493.33		
VENDOR NAME: BUELOW, VETTER, BUIKEMA, OLSON						
DEC ACTIVITY 2021	GENERAL VILLAGE MATTERS	100-5141-521900	79.50	79.50	FINANCE	12/31/2021
TOTAL VENDOR BUELOW, VETTER, BUIKEMA, OLSON				79.50		
VENDOR NAME: BUREAU OF CORRECTIONAL ENTERPR						
307860	TWO BANNER SAMPLES FOR BANNER PROGRAM	480-5700-521500	164.63	164.63	PLANNER	12/31/2021
TOTAL VENDOR BUREAU OF CORRECTIONAL ENTERPR				164.63		
VENDOR NAME: BURKE TRUCK & EQUIMENT INC						
29259	PATROL TRUCK SWITCH	100-5324-539500	21.37	21.37	DPW	01/20/2022
TOTAL VENDOR BURKE TRUCK & EQUIMENT INC				21.37		

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INVOICE NUMBER	DESCRIPTION	DISTRIBUTIONS\AMOUNTS		AMOUNT	APPROVAL DEPARTMENT	POST DATE
VENDOR NAME: C & M AUTO PARTS INC						
6079-347220	3451 REPAIR	150-5231-539500	6.34	6.34	FIRE	01/20/2022
6079-347206	PATROL TRUCK 8 HEADLIGHT	100-5324-539500	14.79	14.79	DPW	01/20/2022
6079-346750	TRUCK 1 REAIRS	100-5324-539500	6.18	6.18	DPW	12/31/2021
6079-346697	SQUAD 38 BATTERY	100-5212-539500	162.55	162.55	POLICE	12/31/2021
6079-346841	3451 REPAIR	150-5231-539500	162.55	162.55	FIRE	12/31/2021
6079-346793	TRUCK 1 REPAIRS	100-5324-539500	16.48	16.48	DPW	12/31/2021
6079-346838	3451 REPAIR	150-5231-539500	271.97	271.97	FIRE	12/31/2021
6079-346816	3451 REPAIR	150-5231-539500	12.49	12.49	FIRE	12/31/2021
6079-346785	TRUCK 1 REPAIRS	100-5324-539500	12.58	12.58	DPW	12/31/2021
TOTAL VENDOR C & M AUTO PARTS INC				665.93		
VENDOR NAME: CAMERON CHENAULT						
2022 BOOT ALLOWANCE	2022 BOOT REIMBURSEMENT - CHENAULT	150-5222-534600	50.00	50.00	FIRE	12/31/2021
TOTAL VENDOR CAMERON CHENAULT				50.00		
VENDOR NAME: CENTRAL OFFICE SYSTEMS						
74827269	JANUARY LEASE PAYMENT	100-5142-531200	23.43	165.00	ALLOCATE	01/20/2022
		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			
74833622	COPIER INVOICE	150-5221-531100	92.00	92.00	FIRE	01/20/2022
TOTAL VENDOR CENTRAL OFFICE SYSTEMS				257.00		
VENDOR NAME: CENTURY SPRINGS BOTTLING						
5035366	VH DRINKING WATER	100-5160-531100	13.98	13.98	DPW	12/31/2021
TOTAL VENDOR CENTURY SPRINGS BOTTLING				13.98		
VENDOR NAME: CENTURYLINK						
2021 DECEMBER	PHONE SERVICE 2021	100-5142-522500	76.22	660.82	MULTIPLE	12/31/2021
		100-5211-522500	54.99			
		100-5323-522500	101.73			
		100-5512-522500	115.01			
		440-5511-522500	180.70			
		610-6920-692100	33.14			
		620-8400-851000	99.03			
TOTAL VENDOR CENTURYLINK				660.82		
VENDOR NAME: CINTAS						
4107037973	STAFF UNIFORMS	100-5323-531100	118.32	118.32	DPW	01/20/2022
4107037840	WATER/WWTF UNIFORM SERVICE	610-6920-693000	59.00	118.55	UTILITIES	01/20/2022
		620-8010-827000	59.55			

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INVOICE NUMBER	DESCRIPTION	DISTRIBUTIONS\AMOUNTS	AMOUNT	APPROVAL DEPARTMENT	POST DATE
VENDOR NAME: CINTAS					
4105656798	WATER/WWTF UNIFORM SERVICE	610-6920-693000 59.55 620-8010-827000 59.00	118.55	UTILITIES	12/31/2021
4105656835	STAFF UNIFORMS	100-5323-531100 118.32	118.32	DPW	12/31/2021
4106296690	WATER/WWTF UNIFORM SERVICE	610-6920-693000 59.00 620-8010-827000 59.55	118.55	UTILITIES	12/31/2021
4106296669	STAFF UNIFORMS	100-5323-531100 118.32	118.32	DPW	12/31/2021
4105016480 DPW	STAFF UNIFORMS	100-5323-531100 118.32	118.32	DPW	12/31/2021
4105016480 LIBRARY	DISINFECTING WIPES	440-5511-531100 58.00	58.00	LIBRARY	12/31/2021
TOTAL VENDOR CINTAS			886.93		
VENDOR NAME: CIT					
39190625	WATER COPIER COSTS	610-6920-692100 88.64	88.64	UTILITIES	01/20/2022
TOTAL VENDOR CIT			88.64		
VENDOR NAME: CITY OF DELAFIELD					
2022 TEAM DUES	SCIT ANNUAL DUES	100-5211-521900 7,000.00	7,000.00	POLICE	01/20/2022
TOTAL VENDOR CITY OF DELAFIELD			7,000.00		
VENDOR NAME: CIVITEK CONSULTING					
62-13	ZONING CODE UPDATE 12-2021 INVOICE	200-5632-521900 3,200.00	3,200.00	PLANNER	12/31/2021
TOTAL VENDOR CIVITEK CONSULTING			3,200.00		
VENDOR NAME: CONLEY MEDIA, LLC					
6362411221 PLANNER	PUBLIC HEARING NOTICE PLANNING COMMISSION	100-5632-531200 145.15	145.15	PLANNER	12/31/2021
6362411221 UTILITY	WATER/WWTF BID OPENING ADVERTISEMENTS	610-6920-692300 66.00 620-8400-852000 66.97	132.97	UTILITIES	12/31/2021
6362411221 CLERK	ALCOHOL LIC PUBLICATION	100-5142-531200 15.34	15.34	CLERK	12/31/2021
TOTAL VENDOR CONLEY MEDIA, LLC			293.46		
VENDOR NAME: CORE & MAIN LP					
Q077549	WATER CURB BOX REPAIR PARTS	610-6452-665200 283.09	283.09	UTILITIES	12/31/2021
P098541	WATER NEW METER MXU'S	610-0000-134600 10,000.00	10,000.00	UTILITIES	12/31/2021
P098518	WATER NEW METERS	610-0000-134600 10,000.00	10,000.00	UTILITIES	12/31/2021
P098528	WATER NEW METERS	610-0000-134600 10,000.00	10,000.00	UTILITIES	12/31/2021
P098549	WATER NEW METER MXU'S	610-0000-134600 10,000.00	10,000.00	UTILITIES	12/31/2021
TOTAL VENDOR CORE & MAIN LP			40,283.09		
VENDOR NAME: COUNTY WIDE EXTINGUISHER, INC					
24973 DPW	FIRE EXSTINGHUSHER INSPECTIONS	100-5160-539500 72.00 100-5323-539500 60.00 100-5220-539400 148.75 100-5512-531100 12.00 100-5521-531100 137.00	429.75	DPW	12/31/2021

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INVOICE NUMBER	DESCRIPTION	DISTRIBUTIONS\AMOUNTS		AMOUNT	APPROVAL DEPARTMENT	POST DATE
VENDOR NAME: COUNTY WIDE EXTINGUISHER, INC						
24973 UTILITIES	WATER/WWTF FIRE EXTINGUISHER TESTING	610-6920-693000	126.00	251.00	UTILITIES	12/31/2021
		620-8010-834000	125.00			
24973 LIBRARY	INSPECTION - FIRE EXTINGUISHER	440-5511-539500	27.00	27.00	LIBRARY	12/31/2021
24973 FIRE	ANNUAL EXTINGUISHER INSPECTION AND SERVI	150-5222-539500	442.65	442.65	FIRE	12/31/2021
24973 POLICE	FIRE EXTINGUISHER MAINTENANCE	100-5211-539500	75.00	75.00	POLICE	12/31/2021
TOTAL VENDOR COUNTY WIDE EXTINGUISHER, INC				1,225.40		
VENDOR NAME: CUTBERTH, BRIAN						
2022 BOOT ALLOWANCE	2021 BOOT REIMBURSEMENT - CUTBERTH	150-5222-534600	50.00	50.00	FIRE	12/31/2021
TOTAL VENDOR CUTBERTH, BRIAN				50.00		
VENDOR NAME: DE LAGE LANDEN FINANCIAL						
74982247	LEASE 01/15/22 - 02/14/22 KONICA 450I	100-5142-531200	22.72	160.00	ALLOCATE	01/20/2022
		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			
74982247- POLICE	COPIER LEASE JANUARY INVOICE	100-5211-521900	108.00	108.00	POLICE	01/20/2022
TOTAL VENDOR DE LAGE LANDEN FINANCIAL				268.00		
VENDOR NAME: DIGGERS HOTLINE INC						
211238301	WWTF DIGGERS HOTLINE	620-8010-827000	117.41	117.41	UTILITIES	12/31/2021
TOTAL VENDOR DIGGERS HOTLINE INC				117.41		
VENDOR NAME: EMERGENCY MEDICAL PRODUCTS						
2308592	EMS SUPPLIES	150-5231-531100	1,325.10	1,325.10	FIRE	01/20/2022
2308989	EMS SUPPLIES	150-5231-531100	339.40	339.40	FIRE	01/20/2022
TOTAL VENDOR EMERGENCY MEDICAL PRODUCTS				1,664.50		
VENDOR NAME: ENVIRONMENT CONTROL						
20929-613	VH CLEANING	100-5160-521900	597.00	597.00	DPW	01/20/2022
TOTAL VENDOR ENVIRONMENT CONTROL				597.00		
VENDOR NAME: FIRE SUPPRESSION CONSULTANTS LLC						
192014	COLD FIRE TACTICAL FIRE EXTINGUISHERS	100-5212-531100	90.00	90.00	POLICE	12/31/2021
TOTAL VENDOR FIRE SUPPRESSION CONSULTANTS LLC				90.00		
VENDOR NAME: GARDEN MART/THE						
129143	LANDSCAPE STONE	100-5521-531100	13.50	13.50	DPW	12/31/2021
TOTAL VENDOR GARDEN MART/THE				13.50		
VENDOR NAME: GARDNER KEVIN						
2022 BOOT ALLOWANCE	2021 BOOT REIMBURSEMENT - GARDNER	150-5222-534600	50.00	50.00	FIRE	12/31/2021
TOTAL VENDOR GARDNER KEVIN				50.00		

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INVOICE NUMBER	DESCRIPTION	DISTRIBUTIONS\AMOUNTS		AMOUNT	APPROVAL DEPARTMENT	POST DATE
VENDOR NAME: GENERAL CODE, CMS						
PG000027434 CLERK	SUPPLEMENT #2 PRINTING	100-5142-521900	274.36	274.36	CLERK	12/31/2021
PG000027434 DPW	CODE UPDATES	100-5300-521900	137.12	137.12	DPW	12/31/2021
PG000027434 PLANNER	CODE CHANGE TO SIGN CODE FOR PRO HEALTH	100-5632-521900	102.84	102.84	PLANNER	12/31/2021
PG000027434 ADMIN	ORDINANCE UPDATES IMPACTING ECONOMIC DEV	100-5670-521900	205.68	205.68	ADMIN	12/31/2021
TOTAL VENDOR GENERAL CODE, CMS				720.00		
VENDOR NAME: HAHN ACE HARDWARE						
2021 DEC DPW	MISC SUPPLIES	100-5521-531100	23.96	251.72	DPW	12/31/2021
		100-5323-531100	83.95			
		100-5347-531100	10.40			
		100-5512-531100	44.94			
		100-5522-531100	88.47			
2021 DEC UTILITY	WATER/WWTF MISC	610-6920-693000	26.98	436.74	UTILITIES	12/31/2021
		610-6210-662300	7.51			
		610-6310-663500	68.38			
		620-8010-827000	239.78			
		620-8030-828000	94.09			
2021 DEC LIBRARY	HARDWARE	440-5511-531100	6.99	6.99	LIBRARY	12/31/2021
2021 DEC FIRE	HAHN ACE HARDWARE	150-5222-539500	61.12	61.12	FIRE	12/31/2021
TOTAL VENDOR HAHN ACE HARDWARE				756.57		
VENDOR NAME: HAWKINS WATER TREATMENT						
6093730	WATER CHEMICALS FOR TREATMENT	610-6300-663100	2,729.84	2,729.84	UTILITIES	12/31/2021
TOTAL VENDOR HAWKINS WATER TREATMENT				2,729.84		
VENDOR NAME: HIPPENMEYER, REILLY, BLUM,						
52123	MISCELLANEOUS MATTERS	100-5130-521900	92.50	92.50	FINANCE	12/31/2021
52124	UTILITY	610-6920-692300	55.50	55.50	FINANCE	12/31/2021
52162	MISCELLANEOUS MATTERS	100-5130-521900	2,442.00	2,442.00	FINANCE	01/20/2022
52163	STORMWATER AGREEMENT - PROHEALTH	100-5130-521900	55.50	55.50	FINANCE	01/20/2022
52166	PROSECUTIONS	100-5130-521900	1,677.64	1,677.64	FINANCE	01/20/2022
52125	BIELINSKI/CHAPMAN	100-0000-211425	92.50	92.50	FINANCE	12/31/2021
52164	HILL COURT PARTNERS	100-0000-211425	37.00	37.00	FINANCE	01/20/2022
52165	BOX SELF STORAGE	100-0000-211425	129.50	129.50	FINANCE	01/20/2022
TOTAL VENDOR HIPPENMEYER, REILLY, BLUM,				4,582.14		
VENDOR NAME: HOME DEPOT						
2021 NOV DPW	HOLIDAY LIGHTS	100-5522-531100	39.00	39.00	DPW	12/31/2021
TOTAL VENDOR HOME DEPOT				39.00		
VENDOR NAME: HORN OIL						

INVOICE NUMBER	DESCRIPTION	DISTRIBUTIONS\AMOUNTS	AMOUNT	APPROVAL DEPARTMENT	POST DATE
VENDOR NAME: HORN OIL					
DECEMBER 2021	DECEMBER FUEL	100-5212-535100 2,184.56	7,728.07	ALLOCATE	12/31/2021
		100-5241-535100 78.50			
		100-5324-535100 1,976.73			
		150-5222-535100 675.68			
		150-5231-535100 2,013.53			
		610-6920-693300 303.40			
		620-8010-828000 495.67			
TOTAL VENDOR HORN OIL			7,728.07		
VENDOR NAME: HYDROCORP					
0065098-IN	WATER BACK FLOW PROTECTION INSPECTION CO	610-6920-692300 1,665.00	1,665.00	UTILITIES	12/31/2021
TOTAL VENDOR HYDROCORP			1,665.00		
VENDOR NAME: J H HASSINGER INC					
12-10141.300 PMNT	INDIAN HEAD STAGE	480-5700-584900 182,595.58	182,595.58	FINANCE	12/31/2021
TOTAL VENDOR J H HASSINGER INC			182,595.58		
VENDOR NAME: JAMES IMAGING SYSTEMS					
1139664	COPIER FEES	100-5211-521900 121.07	121.07	POLICE	12/31/2021
1143383	COPIES KONICA 450 I - 10/01/21 - 12/31/2	100-5142-531200 65.07	382.68	ALLOCATE	12/31/2021
		150-5221-531100 53.58			
		410-5363-531200 7.65			
		440-5511-531200 19.13			
		500-5344-531200 7.65			
		610-6902-690300 114.80			
		620-8300-840000 114.80			
TOTAL VENDOR JAMES IMAGING SYSTEMS			503.75		
VENDOR NAME: JEFFERSON FIRE & SAFETY					
IN136369	HELMETS	150-5222-531100 430.00	430.00	FIRE	12/31/2021
TOTAL VENDOR JEFFERSON FIRE & SAFETY			430.00		
VENDOR NAME: JOHNS DISPOSAL SVC. INC.					
778895	DECEMBER GARBAGE AND RECYCLING	410-5362-531000 24,504.48	46,818.18	DPW	12/31/2021
		410-5363-522000 18,299.82			
		410-5363-521900 3,036.88			
		100-5345-539000 977.00			
TOTAL VENDOR JOHNS DISPOSAL SVC. INC.			46,818.18		
VENDOR NAME: KERESTES-MARTIN ASSOCIATES, INC.					
2106.02-05	COMPLETION OF TASK II DEVELOPMENT FOR WA	480-5700-521500 3,600.00	3,600.00	PLANNER	12/31/2021
TOTAL VENDOR KERESTES-MARTIN ASSOCIATES, INC.			3,600.00		
VENDOR NAME: KEVIN MCCARTHY					
STRAW SALE 2021	SEEDING STRAW	100-5521-531100 75.00	75.00	DPW	12/31/2021

INVOICE NUMBER	DESCRIPTION	DISTRIBUTIONS\AMOUNTS		AMOUNT	APPROVAL DEPARTMENT	POST DATE
VENDOR NAME: KEVIN MCCARTHY						
TOTAL VENDOR KEVIN MCCARTHY				75.00		
VENDOR NAME: MARCO TECHNOLOGIES						
INV9462489	WATER COPIER COSTS	610-6920-692100	65.45	65.45	UTILITIES	12/31/2021
TOTAL VENDOR MARCO TECHNOLOGIES				65.45		
VENDOR NAME: MED ALLIANCE						
226757	EMS SUPPLIES	150-5231-531100	609.39	609.39	FIRE	01/20/2022
TOTAL VENDOR MED ALLIANCE				609.39		
VENDOR NAME: MESSAGEUS						
213650134	WATER PHONE SERVICE	610-6920-692100	5.27	5.27	UTILITIES	12/31/2021
TOTAL VENDOR MESSAGEUS				5.27		
VENDOR NAME: MICHALSEN OFFICE FURNITURE						
4773	OFFICE CHAIR REPLACEMENT	100-5211-539500	319.00	319.00	POLICE	12/31/2021
TOTAL VENDOR MICHALSEN OFFICE FURNITURE				319.00		
VENDOR NAME: MID-AMERICAN RESEARCH						
0749187-IN	SHOP SUPPLIES	100-5323-531100	300.51	300.51	DPW	12/31/2021
TOTAL VENDOR MID-AMERICAN RESEARCH				300.51		
VENDOR NAME: MID-STATES ORGANIZED CRIME						
93065-1069	MOCIC 2022 MEMBERSHIP DUES	100-5213-532400	150.00	150.00	POLICE	01/20/2022
TOTAL VENDOR MID-STATES ORGANIZED CRIME				150.00		
VENDOR NAME: MINUTEMAN PRESS OF BURLINGTON						
48017	BUSINESS CARDS	150-5221-531100	117.00	117.00	FIRE	01/20/2022
48018 ADMIN	BUSINESS CARDS	100-5141-531100	49.80	49.80	ADMIN	12/31/2021
48018 CLERK	CLERK BUSINESS CARDS	100-5142-531200	49.80	49.80	CLERK	12/31/2021
48018 BLDG	BUSINESS CARDS	100-5241-531200	49.80	49.80	BUILDING	12/31/2021
TOTAL VENDOR MINUTEMAN PRESS OF BURLINGTON				266.40		
VENDOR NAME: MUKWONAGO AREA CHAMBER OF COMM						
010522	NRD/NOVEMBER ROOM TAX	100-0000-244000	1,989.11	1,989.11	CLERK	12/31/2021
TOTAL VENDOR MUKWONAGO AREA CHAMBER OF COMM				1,989.11		
VENDOR NAME: NAPA AUTO PARTS - SP018						
153216	PATROL TRUC HOSES	100-5324-539500	42.35	42.35	DPW	01/20/2022
153418	WATER WINDOW SCRAPER	610-6920-693300	19.99	19.99	UTILITIES	01/20/2022
153268	WWTF STARTING FLUID	620-8010-827000	9.58	9.58	UTILITIES	01/20/2022
152626	STATION SUPPLIES	150-5221-531100	47.45	47.45	FIRE	12/31/2021
TOTAL VENDOR NAPA AUTO PARTS - SP018				119.37		
VENDOR NAME: PAL STEEL COMPANY						
68793	SNOW FENCE SUPPLIES	100-5347-531100	109.50	109.50	DPW	12/31/2021
TOTAL VENDOR PAL STEEL COMPANY				109.50		
VENDOR NAME: PLUMBING INSPECTORS ASSOC						
2022 MEMBERSHIP 1	2022 DUES	100-5241-532400	40.00	40.00	BUILDING	01/20/2022

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VENDOR NAME: PLUMBING INSPECTORS ASSOC						
2022 MEMBERSHIP 2	2022 DUES	100-5241-532400	40.00	40.00	BUILDING	01/20/2022
TOTAL VENDOR PLUMBING INSPECTORS ASSOC				80.00		
VENDOR NAME: PRIMADATA						
56985	REPLENISH POSTAGE	610-6902-690300	555.47	1,110.94	ALLOCATE	12/31/2021
		620-8300-840000	555.47			
TOTAL VENDOR PRIMADATA				1,110.94		
VENDOR NAME: PRINT PACK & SHIP CENTER						
0362870354	WWTF UTILITY BILLING	620-8400-852000	14.96	14.96	UTILITIES	01/20/2022
TOTAL VENDOR PRINT PACK & SHIP CENTER				14.96		
VENDOR NAME: PRO ELECTRIC						
9334 FIRE	EVP HWY 83 AND HWY LO	150-5700-580600	3,234.00	3,234.00	FIRE	12/31/2021
9334 PD	83/LO EVP INSTALLATION	100-5212-521900	3,234.00	3,234.00	POLICE	12/31/2021
TOTAL VENDOR PRO ELECTRIC				6,468.00		
VENDOR NAME: PROHEALTH CARE LAB BILLING						
10000137008	PROHEALTH DECEMBER BLOOD DRAW	100-5212-521900	36.05	36.05	POLICE	12/31/2021
TOTAL VENDOR PROHEALTH CARE LAB BILLING				36.05		
VENDOR NAME: PROHEALTH MEDICAL GROUP						
311172	EMPLOYEE DRUG TEST	100-5241-521900	43.00	43.00	BUILDING	12/31/2021
311322	S PETERSON MEDICAL PHYSICAL	150-5221-521900	354.00	354.00	FIRE	12/31/2021
311376	ROUSH ENTRY MEDICAL PHYSICAL	150-5221-521900	354.00	354.00	FIRE	12/31/2021
311393	ENTRY CHEST XRAYS	150-5221-521900	160.00	160.00	FIRE	12/31/2021
TOTAL VENDOR PROHEALTH MEDICAL GROUP				911.00		
VENDOR NAME: PROVEN POWER INC						
02-387413	BROOM PARTS	100-5324-539500	33.90	33.90	DPW	12/31/2021
TOTAL VENDOR PROVEN POWER INC				33.90		
VENDOR NAME: QUILL LLC						
21717381	CLEANING SUPPLIES	100-5211-531100	108.96	108.96	POLICE	12/31/2021
TOTAL VENDOR QUILL LLC				108.96		
VENDOR NAME: RUEKERT & MIELKE, INC.						
139652	12-00000.100 General Services	100-5335-521900	4,436.08	5,844.62	FINANCE	12/31/2021
		250-5335-521900	829.50			
		610-6920-692300	289.52			
		620-8400-852000	289.52			
139653	12-00000.300 Water Utility Services	610-6920-692300	936.50	936.50	FINANCE	12/31/2021
139654	12-00000.400 Sewer Utility Services	620-8400-852000	397.00	397.00	FINANCE	12/31/2021
139656	12-10063.210 2021 GIS Services - GIS Dat	100-5335-521900	1,262.50	1,262.50	FINANCE	12/31/2021
139658	12-10096.300 Deback Drive Infrastructure	200-5335-521900	7,500.62	7,500.62	FINANCE	12/31/2021
139659	12-10098.121 Mukwonago WWTF Phosphorus A	620-8400-852100	1,269.00	1,269.00	FINANCE	12/31/2021
139660	12-10100.100 Sanitary Sewer Use Ordinanc	620-8400-852000	2,254.50	2,254.50	FINANCE	12/31/2021

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VENDOR NAME: RUEKERT & MIELKE, INC.					
139661	12-10015.300 2019 Well & Well Pump Impro	610-6920-692300	1,624.75	1,624.75 FINANCE	12/31/2021
139663	12-10131.200 Atkinson Pump Station Capac	620-0000-000104	174.50	174.50 FINANCE	12/31/2021
139665	12-10135.200 VUEWorks Site & Implementat	100-5341-539500	4,415.00	15,480.00 FINANCE	12/31/2021
		610-6920-692300	5,532.50		
		620-8400-852000	5,532.50		
139667	12-10141.300 Indianhead Park Outdoor Per	480-5700-584900	4,382.35	4,382.35 FINANCE	12/31/2021
139668	12-10144.100 Water EPA Risk & Resilience	610-6920-692300	717.00	717.00 FINANCE	12/31/2021
139671	12-10151.220 WWTF Aeration Update / Desi	620-0000-000105	2,594.50	2,594.50 FINANCE	12/31/2021
139675	12-10165.300 STH 83 Land Acquisition Sta	250-5335-521900	2,010.00	2,010.00 FINANCE	12/31/2021
139676	12-10166.300 Milwaukee Tool Temporary Lo	100-0000-211400	485.70	485.70 FINANCE	12/31/2021
139677	12-92041.487 2021 SCADA Service Work	610-6920-692300	1,030.78	1,302.28 FINANCE	12/31/2021
		620-8400-852000	271.50		
139655	12-10044.300 BOX SELF STORAGE / CONSTRUC	100-0000-211425	928.75	928.75 FINANCE	12/31/2021
139657	12-10069.104 CHAPMAN FARMS PROTION OF VI	100-0000-211425	96.80	96.80 FINANCE	12/31/2021
139662	12-10127.100 210 MCDIVITT LANE EXPANSION	100-0000-211425	1,759.55	1,759.55 FINANCE	12/31/2021
139664	12-10134.100 200 GRAND AVENUE CONDOS / R	100-0000-211425	307.70	307.70 FINANCE	12/31/2021
139666	12-10139.310 MEADOWLAND TOWNHOMES DEVELO	100-0000-211425	757.30	757.30 FINANCE	12/31/2021
139669	12-10147.300 MINOR ESTATES PHASE 4 / CON	100-0000-211425	653.10	653.10 FINANCE	12/31/2021
139670	12-10149.300 EDGEWOOD CONDOS / EROSION C	100-0000-211425	122.50	122.50 FINANCE	12/31/2021
139674	12-10164.100 BLUE BAY MIXED USE DEVELOPM	100-0000-211425	64.50	64.50 FINANCE	12/31/2021
139678	12-92097.306 FAIRWINDS PHASE 5 CONSTRUCT	100-0000-211425	120.00	120.00 FINANCE	12/31/2021
139679	12-92136.302 CHAPMAN FARM / CHAPMAN VILL	100-0000-211425	96.80	96.80 FINANCE	12/31/2021
139680	12-92136.104 CHAPMAN FARM / CHAPMAN RESI	100-0000-211425	96.75	96.75 FINANCE	12/31/2021
139681	12-92136.303 CHAPMAN FARM / CHAPMAN RESI	100-0000-211425	11,988.50	11,988.50 FINANCE	12/31/2021
139682	12-92191.103 PRO HELATH EXPANSION / 2018	100-0000-211425	315.10	315.10 FINANCE	12/31/2021
TOTAL VENDOR RUEKERT & MIELKE, INC.			65,543.17		
VENDOR NAME: SCAN GROUP					
215318	COURT ENVELOPES	100-5120-531100	229.00	229.00 FINANCE	12/31/2021
TOTAL VENDOR SCAN GROUP			229.00		
VENDOR NAME: SHI INTERNATIONAL CORP					
B14537915	SERVER PROJECT VH	430-5700-571800	4,065.00	4,065.00 CLERK	12/31/2021
TOTAL VENDOR SHI INTERNATIONAL CORP			4,065.00		
VENDOR NAME: SHRED-IT USA					
8000639395	DECEMBER PD SHRED SERVICE	100-5211-521900	77.00	77.00 POLICE	12/31/2021
TOTAL VENDOR SHRED-IT USA			77.00		
VENDOR NAME: SYNERGY SERVICE GROUP					
407879	WATER/WWTF ANNUAL FLOW METER TESTING	610-6210-662500	305.00	610.00 UTILITIES	12/31/2021
		620-8010-833000	305.00		
TOTAL VENDOR SYNERGY SERVICE GROUP			610.00		
VENDOR NAME: TERMINAL ANDRAE INC.					
55208	WWTF SCADA INTERNET UPGRADES	620-8010-834000	7,000.00	7,000.00 UTILITIES	12/31/2021
55080	WWTF INSTALL EXTRA CABINET FANS FOR HEAT	620-8010-833000	3,275.00	3,275.00 UTILITIES	12/31/2021

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VENDOR NAME: TERMINAL ANDRAE INC.						
TOTAL VENDOR TERMINAL ANDRAE INC.				10,275.00		
VENDOR NAME: TITAN PUBLIC SAFETY SOLUTIONS						
5344	TIPSS PARKING SUPPORT/INTERFACE	100-5211-521900	1,731.00	1,731.00	POLICE	01/20/2022
TOTAL VENDOR TITAN PUBLIC SAFETY SOLUTIONS				1,731.00		
VENDOR NAME: TRACTOR SUPPLY CREDIT PLAN						
NOVEMBER 2021	BULK BOLTS	100-5323-531100	11.95	11.95	DPW	12/31/2021
DECEMBER 2021	WWTF TOOLS	620-8010-827000	6.99	6.99	UTILITIES	12/31/2021
DECEMBER 2021	DPW MISC EQUIPMENT SUPPLIES	100-5324-539500	120.36	120.36	DPW	12/31/2021
TOTAL VENDOR TRACTOR SUPPLY CREDIT PLAN				139.30		
VENDOR NAME: ULINE						
142822185	WWTF INVENTORY PARTS STORAGE CABINET	620-8010-834000	2,178.23	2,178.23	UTILITIES	12/31/2021
TOTAL VENDOR ULINE				2,178.23		
VENDOR NAME: UNITED LABORATORIES						
INV337843	WWTF FREZE DRIED ENZYMES FOR AMONIA BACT	620-8010-827000	2,558.62	2,558.62	UTILITIES	01/20/2022
TOTAL VENDOR UNITED LABORATORIES				2,558.62		
VENDOR NAME: UNTI DAVID						
2022 BOOT ALLOWANCE	2022 BOOT REIMBURSEMENT - UNTI	150-5222-534600	50.00	50.00	FIRE	12/31/2021
TOTAL VENDOR UNTI DAVID				50.00		
VENDOR NAME: USA BLUEBOOK						
829975	WWTF SAFETY CLIMBING LANYARDS	620-8010-827000	319.55	319.55	UTILITIES	12/31/2021
819353	WWTF LOCKERS	620-8010-834000	1,841.20	1,841.20	UTILITIES	12/31/2021
827130	WWTF LAB SUPPLIES	620-8010-826000	127.42	127.42	UTILITIES	12/31/2021
831138	WATER/WWTF LOCATOR FLAGS	610-6920-693000	131.50	303.32	UTILITIES	12/31/2021
		620-8010-827000	171.82			
TOTAL VENDOR USA BLUEBOOK				3,547.48		
VENDOR NAME: VANGUARD COMPUTERS INC						
54055	DESKTOP AND LAPTOP REPLACEMENT	100-5211-539500	1,688.13	1,688.13	POLICE	12/31/2021
TOTAL VENDOR VANGUARD COMPUTERS INC				1,688.13		
VENDOR NAME: VELOCITY LLC						

INVOICE NUMBER	DESCRIPTION	DISTRIBUTIONS\AMOUNTS	AMOUNT	APPROVAL DEPARTMENT	POST DATE
VENDOR NAME: VELOCITY LLC					
2021059	OFFICE 365 LICENSING	100-5111-531100 28.00	880.00	ALLOCATE	12/31/2021
		100-5120-522500 8.00			
		100-5141-522500 100.00			
		100-5142-522500 54.00			
		100-5211-522500 149.00			
		100-5241-522500 50.00			
		100-5323-522500 53.00			
		100-5512-522500 25.00			
		100-5632-522500 25.00			
		150-5221-522500 238.00			
		610-6920-692100 75.00			
		620-8400-851000 75.00			
2021060	LIBRARY INSTALL BSA & UPDATE PHONES	440-5511-522000 300.00	300.00	LIBRARY	12/31/2021
2021060	VH IT MAINTENANCE	100-5141-521900 3,262.50	3,262.50	CLERK	12/31/2021
2021062	IT SERVICES	150-5221-521900 450.00	450.00	FIRE	12/31/2021
2021063	VELOCITY IT SERVICES	100-5211-521900 300.00	300.00	POLICE	12/31/2021
2021061	MUSEUM IT REPAIRS	100-5512-582100 450.00	450.00	DPW	12/31/2021
TOTAL VENDOR VELOCITY LLC			5,642.50		
VENDOR NAME: VINCENT PLUMBING & HEATING					
211026	STATION 1 2.5 VALVE CONNECTION	150-5700-571300 904.00	904.00	FIRE	12/31/2021
TOTAL VENDOR VINCENT PLUMBING & HEATING			904.00		
VENDOR NAME: WANASEK CORP					
21-835-02	WWTF SEWER MH REPAIR ON CUL-DE-SAC FOX R	620-8030-831000 2,450.00	2,450.00	UTILITIES	12/31/2021
21-835-01	WATER MULTIPLE LATERAL REPAIRS	610-6452-665200 13,545.00	13,545.00	UTILITIES	12/31/2021
TOTAL VENDOR WANASEK CORP			15,995.00		
VENDOR NAME: WAUKESHA COUNTY CLERK					
VMUKWONAGO2021	2021 DOG LICENSE SETTLEMENT	100-5431-521900 1,411.25	1,411.25	CLERK	12/31/2021
TOTAL VENDOR WAUKESHA COUNTY CLERK			1,411.25		
VENDOR NAME: WAUKESHA CTY TREASURER					
2022-24010021	2022 TRUNKED RADIO COSTS	300-5800-580100 3,430.00	3,430.00	FINANCE	01/20/2022
2022-24010021	FIRE WAUKESHA RADIO SERVICES TRUNKED RADIO 20	150-5221-521900 1,175.00	1,175.00	FIRE	01/20/2022
TOTAL VENDOR WAUKESHA CTY TREASURER			4,605.00		
VENDOR NAME: WCTC					
S0760259	2021 WCTC TRAINING	150-5223-533500 166.41	166.41	FIRE	12/31/2021
S0760260	WCTC RANGE RENTAL	100-5215-531100 90.00	90.00	POLICE	12/31/2021
TOTAL VENDOR WCTC			256.41		
VENDOR NAME: WELDERS SUPPLY CO.					
10260615	WELDING GAS SHOP SUPPLIES	100-5323-531100 127.54	127.54	DPW	01/20/2022
10259707	WWTF WELDER AND TORCH TANK LEASES	620-8010-827000 7.90	7.90	UTILITIES	12/31/2021
TOTAL VENDOR WELDERS SUPPLY CO.			135.44		
VENDOR NAME: WI DEPT OF JUSTICE CIB					
G3385 202112	BACKGROUND CHECKS	150-5221-521900 30.00	30.00	FIRE	12/31/2021
L6812T 202112 PD	BACKGROUND CHECKS	100-5212-521900 14.00	14.00	POLICE	12/31/2021

01/13/2022 12:07 PM
User: MROCKLEY
DB: Mukwonago

PENDING VILLAGE BOARD REVIEW FOR MUKWONAGO
EXP CHECK RUN DATES 01/20/2022 - 01/20/2022
BOTH JOURNALIZED AND UNJOURNALIZED OPEN AND PAID
BANK CODE: GEN - CHECK TYPE: PAPER CHECK

Page: 13/13

INVOICE NUMBER	DESCRIPTION	DISTRIBUTIONS\AMOUNTS		AMOUNT	APPROVAL DEPARTMENT	POST DATE
VENDOR NAME: WI DEPT OF JUSTICE CIB						
L6812T 202112 CLERK	DOJ BACKGROUND CHECKS	100-0000-242205	42.00	42.00	CLERK	12/31/2021
TOTAL VENDOR WI DEPT OF JUSTICE CIB				86.00		
VENDOR NAME: WI LAW ENFORCEMENT						
2022 PROGRAM FEES	WILEAG 2022 MEBERSHIP AND FEES	100-5211-532400	350.00	350.00	POLICE	01/20/2022
TOTAL VENDOR WI LAW ENFORCEMENT				350.00		
VENDOR NAME: WI MUNICIPAL CLERKS						
2022 WMCA RENEWAL	2022 WMCA MEMBERSHIP	100-5142-532400	65.00	65.00	CLERK	01/20/2022
TOTAL VENDOR WI MUNICIPAL CLERKS				65.00		
VENDOR NAME: WI STATE LAB OF HYGIENE						
701567	WATER FLUORIDE TESTING	610-6300-663200	26.00	26.00	UTILITIES	12/31/2021
TOTAL VENDOR WI STATE LAB OF HYGIENE				26.00		
VENDOR NAME: WILHARMS MICHAEL						
2022 BOOT ALLOWANCE	2022 BOOT REIMBURSEMENT - WILHARMS	100-5323-534800	100.00	100.00	DPW	01/20/2022
TOTAL VENDOR WILHARMS MICHAEL				100.00		
GRAND TOTAL:				513,860.88		



ECONOMIC DEVELOPMENT COOPERATION CONTRACT
BETWEEN
WAUKESHA COUNTY CENTER FOR GROWTH, INC.
AND
THE VILLAGE OF MUKWONAGO
AMENDMENT

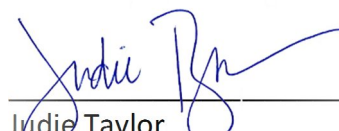
This is an amendment to the Contract originally executed between the Waukesha County Center for Growth, Inc. and the Village of Mukwonago, dated January 27, 2020.

Per Item 2 of the contract, the Term of the contract is hereby renewed for one year, for the period of 1/1/22-12/31/22.

Item 3 of the contract, Payment, is updated to the amount of \$6,414.00 for the period of this amendment.

All other terms of the contract remain the same.

Waukesha County Center for Growth, Inc.



Judie Taylor
Executive Director

12/15/21

Date

Village of Mukwonago

Signature

Date

Print Name

Print Title

RESOLUTION 2022-08

**A RESOLUTION TO LIMIT PROPERTY TAX REFUNDS
BASED ON THE AMOUNT OF OVERPAYMENT**

WHEREAS, some property tax payers in the Village of Mukwonago have paid more than the amount due on their property tax bill; and

WHEREAS, the Village incurs an expense of time and materials, including postage, to refund these overpayments to taxpayers; and

WHEREAS, the cost of processing these refund checks can sometimes exceed the amount of the check itself.

NOW THEREFORE BE IT RESOLVED, the Village Board of the Village of Mukwonago does hereby authorize the Village Clerk-Treasurer to issue property tax refund checks for any and all overpayments of \$5.00 or more, and furthermore to authorize the Village Clerk-Treasurer to issue property tax refund checks of less than \$5.00 upon request of the taxpayer by December 31st of each respective tax year, effective immediately.

Approved and adopted this 19th day of January 2022.

By: _____
Fred H. Winchowky, Village President

Attest: _____
Diana Dykstra, Clerk-Treasurer

Humane Animal Welfare Society Service Agreement

This agreement is entered into the **1st day of January, 2022** (hereinafter "Effective Date") by and between the **Village of Mukwonago**, existing under the laws of the State of Wisconsin, with principal offices located at **440 River Crest Ct., Mukwonago, WI 53149** (hereinafter "Municipality"), and the Humane Animal Welfare Society of Waukesha County, Inc. a Wisconsin corporation, with principal offices located at 701 Northview Road, Waukesha, WI 53188 (hereinafter "HAWS").

WHEREAS, the Municipality is seeking impounding services related to the care, management, sterilization and placement of stray, abandoned, neglected, abused or injured animals, hereinafter "Services".

WHEREAS, HAWS is an organization offering such Services and is willing to provide such Services to the Municipality.

NOW THEREFORE BE IT RESOLVED, the following document sets forth the terms and conditions for the provision of such SERVICES and related consideration, the sufficiency of which is hereby acknowledged, the parties agree as follows:

1. SERVICES

ANIMAL DROP OFF SERVICES: HAWS agrees to accept animals as they are delivered to HAWS by the officials of the Municipality and/or citizens, during normal operating hours. Municipal law enforcement personnel may have access to the stray drop off area 24 hours per day.

HAWS ANIMAL TRANSPORTATION: HAWS agrees to pick up stray, abandoned or injured domestic and sick or injured wildlife (which pose a health hazard to the public) and transport said animals. Animal transportation shall be provided 24 hours a day, seven days a week including holidays.

HUMANE CARE: All animals received by HAWS from the Municipality shall be provided with shelter, food, water and necessary health care services, in accordance with state laws.

SPECIAL ANIMAL SERVICES: HAWS will maintain a quarantine facility for any animal delivered to HAWS for having bitten a person. Quarantine will be for a period of ten days in accordance with State of Wisconsin (hereinafter "State") law. In cases of animal abuse or neglect, HAWS shall provide Humane Care to the animal for a period of seven days. The Municipality may request HAWS to continue to board an animal beyond these standard periods. Requests for an extended time period jointly agreed upon should be made in advance in writing.

RECLAIM: In the event an owner reclaims a lost animal, HAWS will collect and receive any and all fees associated with boarding, pick up and transportation charges from the owner. These fees shall be the property of HAWS. HAWS will collect and transfer municipal fines as requested. At such time, HAWS shall require the citizen to provide proof of animal licensure and proof of vaccination(s) as required under State law. No animal shall be released from HAWS without this proof.

DISPOSITION: Domestic animals may be placed up for adoption after evaluation. HAWS shall have sole right to determine an animal's suitability for placement. To control the population of animals in the Municipality, and to provide for the health of the animals, animals will be sterilized, microchipped, and vaccinated. Any animals HAWS determines unsuitable for adoption shall be humanely euthanized.

EMERGENCY RESCUE: HAWS shall provide Emergency Rescue services to animals in the Municipality. In an emergency, HAWS shall remove the animal from the situation and provide immediate medical care to relieve pain and sustain the animal's life. Animals requiring veterinary services will be transported to an emergency veterinary facility when possible. Following rescue, HAWS shall also provide Rehabilitative Services for said animal, where possible. HAWS will employ staff trained in emergency animal capture procedures and provide equipment for such Services.

EUTHANASIA SERVICES: HAWS shall provide Humane Animal Euthanasia and Cremation services for citizens of the Municipality, upon request of citizens for personally owned animals. Any fees associated with this process shall be paid by the citizen requesting euthanasia.

FACILITY ACCESS: HAWS shall maintain a clean and accessible facility for citizens to seek Services described herein. Facility shall be open to the public on a regular posted schedule, which may be revised by HAWS as needed.

RECORDS: HAWS shall maintain records of all Services described herein, which shall be made available to the Municipality upon written request.

STATE LAW: HAWS shall comply with all State and Federal laws concerning its operations, services, and facilities.

2. FEES

- 2.1 HAWS agrees to provide Services to the **Village of Mukwonago** for an annual fee of **\$2,420.00**. No additional fees will be charged to the municipality for Services.
- 2.2 Fees shall be paid by the Municipality to HAWS on an annual basis. The Municipality shall remit such fees to HAWS within 45 days of Effective Date of this Agreement or from the date of invoice, or in accordance with prior arrangements made with HAWS.

3. TERM AND TERMINATION

- 3.1 This Agreement shall be in full force and effect until **December 31, 2024**, (hereinafter "Renewal Date") before which time a new Agreement will be sent to the Municipality for the next three-year term.
- 3.2 This Agreement may be terminated by either party upon providing 60 days written notice to the other party prior to Renewal Date.
- 3.3 This Agreement may be immediately terminated by either party should the other party become insolvent, files a petition for bankruptcy, makes an assignment for the benefit of creditors, or someone files a petition of involuntary bankruptcy on behalf of the party.

This Agreement with the Village of Mukwonago is for the three calendar years of 2022, 2023 and 2024, for which HAWS' annual fees will remain the same.

Dated this 12th day of January, 2022.

Please return this signed Agreement with full payment for 2022 Services (see invoice). Keep a copy for your records.

Humane Animal Welfare Society of Waukesha County, Inc.

Andrés García
By: Andrés García, Field and Facilities Manager

Village of Mukwonago, Mukwonago, Wis.

By: Municipal Official

Application for Temporary Class "B" / "Class B" Retailer's License

See Additional Information on reverse side. Contact the municipal clerk if you have questions.

FEE \$ 10.00

Application Date: 1-3-22

☐ Town ☒ Village ☐ City of MUKWONAGO

County of WAUKESHA

The named organization applies for: (check appropriate box(es).)

☒ A Temporary Class "B" license to sell fermented malt beverages at picnics or similar gatherings under s. 125.26(6), Wis. Stats.

☐ A Temporary "Class B" license to sell wine at picnics or similar gatherings under s. 125.51(10), Wis. Stats.

at the premises described below during a special event beginning 2-18-2022 and ending 2-18-2022 and agrees to comply with all laws, resolutions, ordinances and regulations (state, federal or local) affecting the sale of fermented malt beverages and/or wine if the license is granted.

1. Organization (check appropriate box) →

☐ Bona fide Club

☐ Church

☒ Lodge/Society

☐ Veteran's Organization

☐ Fair Association or Agricultural Society

☐ Chamber of Commerce or similar Civic or Trade Organization organized under ch. 181, Wis. Stats.

(a) Name KNIGHTS OF COLUMBUS

(b) Address 830 Veterans Way Mukwonago, WI
(Street)

☐ Town ☒ Village ☐ City

(c) Date organized 1970

(d) If corporation, give date of incorporation 1980

(e) If the named organization is not required to hold a Wisconsin seller's permit pursuant to s. 77.54 (7m), Wis. Stats., check this box: ☐

(f) Names and addresses of all officers:

President Bob LUPCZYNSKI MUKWONAGO, WI

Vice President Don Brown MUKWONAGO, WI

Secretary WARD BOLDEN " "

Treasurer DAVE JOWEN NORTH PRAIRIE WI

(g) Name and address of manager or person in charge of affair: PATT HITT
WAUKESHA, WI

2. Location of Premises Where Beer and/or Wine Will Be Sold, Served, Consumed, or Stored, and Areas Where Alcohol Beverage Records Will be Stored:

(a) Street number 830 E VETERANS WAY

(b) Lot _____ Block _____

(c) Do premises occupy all or part of building? ST. James Activity Center

(d) If part of building, describe fully all premises covered under this application, which floor or floors, or room or rooms, license is to cover: _____

3. Name of Event

(a) List name of the event KNIGHTS OF COLUMBUS Game Night

(b) Dates of event 2-18-2022

DECLARATION

An officer of the organization, declares under penalties of law that the information provided in this application is true and correct to the best of his/her knowledge and belief. Any person who knowingly provides materially false information in an application for a license may be required to forfeit not more than \$1,000.

Officer [Signature]
(Signature / Date)

KNIGHTS OF COLUMBUS
(Name of Organization)

Date Filed with Clerk 1-3-22

Date Reported to Council or Board _____

Date Granted by Council _____

License No. _____

AT-315 (R. 9-19)
Receipt # 60817

Wisconsin Department of Revenue

*VILLAGE OF MUKWONAGO
POLICE DEPARTMENT*



MONTHLY REPORT

December 2021

Citation Totals by Offense

All Departments

Violation Date: 12/01/2021 through 12/31/2021

Court	Agency	Offense Code	Offense Description	Total
MKPD				
	Adult			
		346.14(1m)	Automobile Following Too Closely	3
		947.01(1)	Disorderly Conduct	1
		341.61(2)	Display Unauth. Veh. Registration Plate	2
		346.57(3)	Driving Too Fast For Conditions	1
		346.46(1)	Fail/Stop At Stop Sign	3
		346.18(3)	Fail/Yield Right/Way From Stop Sign	1
		346.18(2)	Fail/Yield While Making Left Turn	4
		346.57(2)	Failure To Keep Vehicle Under Control	6
		346.24(1)	Fyr To Pedestrian, Bicyclist, Or Epamd	1
		341.15(3)(b)	Improper Display/Plates (Hard To See)	1
		346.89(1)	Inattentive Driving	9
		341.04(1)	Non-Registration Of Auto, Etc	25
		341.03(1)	Operate After Rev/Susp Of Registration	4
		344.62(1)	Operate Motor Vehicle W/O Insurance	4
		344.62(2)	Operate Motor Vehicle W/O Proof Of Insurance	1
		347.13(3)	Operate Vehicle W/O Registration Lamps	1
		347.14(1)	Operate Vehicle W/O Stopping Lights	1
		343.05(3)(a)	Operate W/O Valid License	3
		343.44(1)(a)	Operating After Suspension	5
		346.63(1)(a)	Operating While Intox.	1
		82-71	Parking Lot Traffic Violation	4
		346.09(3)	Passing In No-Passing Zone	1
		346.23(1)	Pedestrian, Bicyclist, Or Epamd Fyr	2
		961.573(1)	Possess Drug Paraphernalia	2
		961.41(3g)(b)	Possession of Controlled Substance	3
		54-103	Possession of Nicotine/Tobacco by a Minor	1
		343.085(2m)(a)2	Prob Licensee Oper Class D Veh - 12am And 5am	1
		346.62(2)	Reckless Driving-Endanger Safety	1
		946.41(1)	Resist Or Obstruct An Officer	1
		943.50(1m)(b)	Retail Theft-Intentionally Take(<=\$2500)	2
		346.57(4)(gm)2	Speeding on Freeway	11
		346.57(5)	Speeding Zone And Posted Limits	31
		943.13(1m)(a)	Trespass To Land	1
		347.06(3)	Unclean/Defective Lights Or Reflectors	1
		346.87	Unsafe Backing Of Vehicle	1
		346.13(1)	Unsafe Lane Deviation	1
		346.08	Unsafe Passing On Right	2
		347.48(2m)(b)	Vehicle Operator Fail/Wear Seat Belt	1
		346.37(1)(c)1	Violate Red Traffic Signal	1
Adult Grand Total				145

Citation Totals by Offense

All Departments

Violation Date: 12/01/2021 through 12/31/2021

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	4
		118.163	Truancy	1
			Juvenile Grand Total	7

Mukwonago Police Department
Tickets Totals (by Violation)

Issue Date: 12/01/2021 through 12/31/2021

Violation Description	Violation Code	Area	Total
Handicapped Parking Violation	82-180		1
		By Violation:	<u>1</u>
Mhs - Park W/O Permit	82-212		8
		By Violation:	<u>8</u>
Park In Excess Of Limits - Lots	82-206		1
		By Violation:	<u>1</u>
Park On Grass/Park	82-180(G)		1
		By Violation:	<u>1</u>
Park W/O Permit - Winter	82-226		9
		By Violation:	<u>9</u>
		Total Tickets:	<u><u>20</u></u>



Monthly Case Overview Report

Printed On: 01/02/22 09:36

Reporting Period: 12/01/2021 - 12/30/2021

Village of Mukwonago Police - 1122

	Total
	61
Administrative/Informational	12
Assist Other Dept/Service/Request by Citizen	2
Criminal Damage-Public	1
Criminal Trespass to Property	1
Dangerous Drugs - Use	1
Disorderly Conduct	1
Disorderly Conduct: Harassment	1
DOA - Sudden Death, Etc.	2
Emergency Detention/M.O.	3
Evidence Room	1
Fraud	1
Fraud Complaint	1
Fraud-Imperson	2
Intimidation (Inc Stalking)	1
Juvenile Trouble	1
Marijuana-Possession	5
Motor Vehicle Theft/Stolen Veh	1
Obstructing Police	1
OWI/DWI-Liquor	1
Passing Counterfeit	1
Public Order Crimes	6
Retail Theft \$50-\$200	1
Retail Theft <\$50	1
Retail Theft >\$200	2
Theft - All Others >\$200	1
Theft From Auto >\$200	1
Theft From Building \$50-\$200	1
Traffic Complaint	1
Traffic Offense/Traffic Other	5
Trespassing	1
Viol of Court Order Incl DV	1



Arrests by Statute Report

Printed On: 01/02/22 09:37

Reporting Period: 12/02/21 - 12/28/21

This report contains all arrest charges.

	Total	Felony	Misdemeanor	Non-Criminal	Ordinance
346.63(1)(a) - Operating While Intoxicated - 1st Offense	1			1	
450.11(7)(h) - Possess/Illegally Obtained Prescription	1		1		
54-1(1) - Retail Theft (Shoplifting)	2				2
54-1(M) - Obstructing or Resisting an Officer	1				1
54-1(V) - Possession of a Controlled Substance	4				4
54-1(V1) - Possession of Drug Paraphernalia	2				2
54-1(X) - Criminal Trespass to Land	1				1
54-103 - Possession of Nicotine or Tobacco Product by a Minor	5				5
54-106 - Truancy/Habitual Truancy	1				1
813.125(7) - Violate/Harassment Restraining Order	1		1		
940.32(2) - Stalking	1	1			
943.14 - Criminal Trespass to a Dwelling	1		1		
943.20(1) - Theft Less Than \$2,500-	1		1		
943.50(1m)(b) - Retail Theft - Intentionally Take - (>\$500-\$5,000)	1	1			
943.50(1m)(b) - Retail Theft-Intentionally Take >\$500-\$5,000	2	2			
947.01 - Disorderly Conduct	2		2		
961.41(3g)(e) - Possession of THC	1		1		
961.41(3g)(g) - Possess Methamphetamine	1	1			
961.573(1) - Possess Drug Paraphernalia	1		1		
FUGM - Fugitive Warrant Other Municipal	1			1	
Total	31	5	8	2	16

December 2021 Monthly Crash Report

Date	On Hwy	On Street	At #	From/At Hwy	From/At Street	Total Units	Total Injured	Total Killed
12/01/2021		PARKING LOT	605	NN		2	0	0
12/01/2021		DIVISION ST			OAKLAND AVE	2	1	0
12/04/2021	83	ROCHESTER RD			FRONT ST	2	1	0
12/04/2021	NN			ES	FOX ST	3	1	0
12/06/2021		PARKING LOT	605	NN		2	0	0
12/07/2021		FAIRWINDS BLVD	602		STOECKER FARM AVE	1	0	0
12/08/2021		PARKING LOT	250		WOLF RUN E	2	0	0
12/08/2021	043			083	ROCHESTER RD	1	0	0
12/09/2021		PARKING LOT	240		MAPLE AVE	2	0	0
12/09/2021				083	ROCHESTER RD	2	0	0
12/10/2021		PARKING LOT	605	NN		2	0	0
12/10/2021		PARKING LOT	915		CLARENDON AVE	2	0	0
12/11/2021		BAY VIEW RD	215		GREENWALD CT	2	1	0
12/11/2021		CLARENDON AVE		NN		2	0	0
12/11/2021		PRIVATE PROPERTY	VM00029	ES		1	0	0
12/13/2021		PARKING LOT	1090	083		2	0	0
12/15/2021	83				CHAPMAN FARM BLVD	2	2	0
12/17/2021	NN			083		2	1	0
12/17/2021		BEAR PASS			WOLF RUN	2	0	0
12/18/2021	83	ROCHESTER RD	857		FRONT ST	2	1	0
12/18/2021		HENRY ST			LOIS ST	2	0	0
12/20/2021	LO	EAGLE LAKE		083	ROCHESTER RD	2	0	0
12/20/2021	NN				MEADOW VIEW LN	2	0	0
12/20/2021	NN				MEADOW VIEW LN	2	0	0
12/21/2021	043			043		2	0	0
12/22/2021	ES	MAIN ST			BAY VIEW RD	2	0	0
12/22/2021	ES	FOX ST			TWO RIVER DR	2	0	0
12/23/2021		WOLF RUN E		083	ROCHESTER RD	2	0	0

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December 2021 Monthly Crash Report

12/25/2021	83	ROCHESTER RD	043		2	0	0
12/28/2021	83	ROCHESTER RD	043		2	0	0
12/28/2021		CHAPMAN FARM BLVD	130	083	2	0	0
12/28/2021		PARKING LOT	831	ES	1	0	0
12/28/2021	83	ROCHESTER RD		FOX ST	2	0	0
12/28/2021	43			BAY VIEW RD	1	0	0
12/28/2021				EDGEWOOD AVE	1	0	0
12/28/2021		CHAPMAN FARM BLVD	100	083	2	0	0
12/29/2021		BAY VIEW RD		083	2	0	0
12/29/2021		PARKING LOT	1010	083	2	0	0
12/30/2021		PARKING LOT	827	083	2	0	0
12/31/2021		CHAPMAN FARM BLVD		083	1	0	0
					72	8	0

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Police Contacts - Village

First Shift	1674
Second Shift	997
Third Shift	499
911 Calls	99
TOTAL CALLS	3269

Eagle Lake Patrol

Stops/All Calls

Police Contacts - Town

First Shift	391
Second Shift	692
Third Shift	628
911 Calls	39
TOTAL CALLS	1750

Phantom Lake Patrol

Stops/All Calls

<u>TOTAL CONTACTS</u>	5019
------------------------------	-------------

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	84515	2021	6034	92044	77210	NA	NA	78695	88308
Speed Beg	83216	2013	5879	90143	77019	NA	NA	75066	86506
Total Miles	1299	8	155	1901	191	NA	NA	3629	1802
Total Gas	109.6	15	28	161	13	NA	NA	272	164

Respectfully Submitted,

Chief Daniel J. Streit
Village of Mukwongo Police Department