

Village of Mukwonago
Notice of Meeting and Amended Agenda
REGULAR VILLAGE BOARD MEETING
Wednesday, January 15, 2020

Time: **6:30 pm**

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

1. Call to Order

2. Roll Call

3. Pledge of Allegiance

4. Comments from the Public

The purpose of this section is to allow the non-elected general public the opportunity to address the Board on any subject of concern that is not the topic of a current or previous Public Hearing before the Village Board. 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 must sign the Comments from the Public Appearance sign-in sheet before speaking. The sign-in sheet is available on the table located at the back of the room. The Board will only receive comments during Public Comment. The Public Comment portion of the meeting is scheduled for a total of 15 minutes in length but will end sooner if the Village President has determined that there is no one else present who still wishes to speak.

5. Presentations

- 5.1 Presentation of online Zoning Hub application system, and overview of capabilities of system in researching properties, allowable land uses, and dimensional standards of development.

6. Consent Agenda

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

- 6.1 Approve Minutes of December 18, 2019 Village Board Meeting

[Draft VB Minutes 12-18-2019](#)

- 6.2 Motion to approve Vouchers in the amount of \$640,283.44

[Vouchers Corrected](#)

- 6.3 Motion to approve and authorize the Village President to sign the WE Energies lighting agreement for the River Park Estates LED street light conversion.

[Authorization Cover Letter WI River Park Estates Mukwonago.pdf](#)

[ROL CONV INFO MUKWONAGO RIVER ESTATES.pdf](#)

[wi_lightingrates RPE.pdf](#)
[RPE.pdf](#)
[WE Energies Email.pdf](#)

- 6.4 Motion to approve a Stumper 280 HD Stump Grinder Purchase Requisition.
[Purchase Requisition -Stumper 280 HD](#)
[Village of Mukwonago Stumper 280HD Quote 12-12-19](#)
- 6.5 Motion to approve a 2020 Patrol Truck equipment package purchase requisition.
[2020 Patrol Truck Equipment Package](#)
- 6.6 Motion to approve Task Order 2019-18 from Ruekert-Mielke, Inc. for River Park Estates Phase 2 Design, Bidding, and Construction Services.
[2019-18 River Park Estates Rehabilitation Phase 2](#)
- 6.7 Motion to approve and authorize the Village President to sign the WE Energies lighting agreement for the River Park Estates LED street light conversion.
[Authorization Cover Letter WI River Park Estates Mukwonago.pdf](#)
[ROL CONV INFO MUKWONAGO RIVER ESTATES.pdf](#)
[wi_lightingrates RPE.pdf](#)
[RPE.pdf](#)
[WE Energies Email.pdf](#)
- 6.8 Motion to approve and authorize the Village President sign the lighting agreement with WE Energies for the additional street light on Fox River View.
[Fox River View Street Light](#)
- 6.9 Motion to approve and authorize the Village President to sign the documents related to WE Energies work order 4243187 for the downtown street light project.
[Downtown Streetlight LED addition and conversion](#)
- 6.10 Motion to approve the request for educational pay incentive from Officer Michael Kubiak.
[Officer Kubiak request.pdf](#)
[Letter to Police Commission.pdf](#)
[Police Commission Approval.docx](#)
- 6.11 Motion to approve **Resolution 2020- 01** A resolution to establish a snowmobile route within the limits of the Village of Mukwonago.
[Resolution 2020 - 01](#)
[County Map](#)
[Village Map](#)

7. Downtown Development Committee, Trustee Walsh

- 7.1 Announcement of the Downtown Design Charrette on Thursday, January 23, 2020 from 6:00pm to 8:00pm in the Community Room at the Village Hall for a collaboration on the future streetscaping and wayfinding signage for downtown Mukwonago.

[DDC Charrette Flyer_Final \(1.13.20\).pdf](#)

- 7.2 Downtown Development Committee Update

8. Finance Committee, Trustee Vermeulen

Discussion and possible action on the following items

- 8.1 Authorize Finance Chair to review and approve an additional AP batch the last week in January capturing 2019 activity to facilitate Financial Audit preparation.

- 8.2 Motion to approve AP batch Vouchers in the amount of \$241,053.02

[Vouchers 01-15-2020](#)

9. Judicial Committee, Trustee Walsh

Discussion and possible action on the following items

- 9.1 Review and approve the form for the Request for Proposals for a Zoning Code and Sign Code rewrite.

[RFP Zoning and Sign Code Rewrite](#)

- 9.2 Motion to approve **Ordinance 972** an Ordinance amendment to the Municipal Code Chapter 6 Alcohol Beverages to reflect a lottery procedure for the issuance of an available regular "Class B"/Class "B" license.

[Liquor License Lottery Ordinance](#)

10. Personnel Committee, Trustee Johnson

Discussion and possible action on the following items

- 10.1 Motion to approve a merit increase pursuant to section 4(b) of the Employment Memorandum of Understanding for the Village Planner Ben Kohout.

[Merit Increase Planner](#)

- 10.2 Motion to approve a merit increase pursuant to section 4(b) of the Employment Memorandum of Understanding for the Village Clerk/Treasurer Diana Dykstra.

[Merit Increase Clerk/Treasurer](#)

11. Planning Commission Recommendations

Discussion and possible action on the following Plan Commission Recommendations

- 11.1 Motion to approve **Resolution 2020-02** a resolution for approval of the 1-wall sign for Touchpad Electronics, 101 W Boxhorn Dr; Parcel No #A486800001; applicant, Icon
[Touchpad Sign](#)

12. Protective Services, Trustee Brill

Discussion and possible action on the following items

- 12.1 Monthly Police Report *(For information purposes only. No action required)*
[Monthly Police Report - December 2019](#)

13. Public Works Committee, Trustee Wamser

Discussion and possible action on the following items

- 13.1 Storm Water Maintenance Agreement with Phantom Lakes Preserve LLC
[SWMA Phantom Lakes Preserve](#)
- 13.2 Agreement for the Subdivision Improvements for the Phantom Lake Preserve Development in the Village of Mukwonago, Waukesha County.
[DA Phantom Lake Preserve](#)
- 13.3 Motion to approve Developer's request for the reimbursement of the Lift Station and stabilizing of the saturated soil conditions with Super Products, LLC.
[Super Products Lime Stabilization](#)
- 13.4 Discussion and possible action on Well #3 repairs and options available.

14. Village President

- 14.1 Announcement of vacancies available for appointment to the Historic Preservation Commission.
- 14.2 Acceptance of Resignation from Ken Werner from the Police Commission, Plan Commission, and Joint Fire Commission.
- 14.3 Announcement of Community Focus Meeting to Meet the Mukwonago Fire Department, 1111 Fox Street, on Thursday January 16, 2020. Tours will be provided at 6:00pm along with free blood pressure checks. Community Focus Meeting starts at 7:00pm to answer questions and help direct the future of the Mukwonago Fire & EMS services.
[Community Focus Meeting Announcement 01-16-20 Flyer](#)

15. 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 Greenwald Family Limited Partnership v. Village of Mukwonago and 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 the negotiation of a lease with U.S. Cellular, Town of Vernon Boundary Agreement, and a Developer Guaranty Agreement with Mukwonago Family Ventures, LLC (Maple Centre)

16. 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

17. 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.

**VILLAGE OF MUKWONAGO
MINUTES OF THE REGULAR VILLAGE BOARD MEETING
WEDNESDAY, DECEMBER 18, 2019**

Time: **6:30 pm**

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

Call to Order

Meeting was called to order by President Winchowky at 6:30pm at Mukwonago Municipal Building/Board Room, 440 River Crest Court

Roll Call

Board Members Present:

Eric Brill
James Decker
Darlene Johnson
Jason Wamser
Roger Walsh
Jay Vermeulen
Fred Winchowky

Also Present:

John Weidl, Village Administrator
Diana Dykstra, Clerk/Treasurer
Ron Bittner, DPW Director
Wayne Castle, Utility Department
Kevin Schmidt, Police Chief
Ben Kohout, Village Planner
Bob Harley, Building Inspector
Mark Blum, Village Attorney
Jerad Wegner, Village Engineer

Pledge of Allegiance

Comments from the Public

James Paar of VFW 7221 was present to donate \$500 to the Village Police Department. He also extended his appreciation for what all Village Board and Staff does.

David Boebel, 815 Parkview Lane, feels he reviewed the impact fee study and feels it is a regressive tax. He noticed there are deficiencies in trails and walks. He would like to know when or if that will be addressed. He suggested the Village determine how to finance new parks without charging new residents.

Ryan Klemme, 710 Stoecker Farm Ave., lives in the Fairwinds Subdivision, and commented he heard being discussed in town that the Village has been purchasing and then giving away land to developers for no cost. He assumes this is for the future tax base, but is interested in the discussion coming up. He feels it is money raised on the back of residents and would like to see this addressed.

Public Hearings

Public Hearing on Special Assessments for installation of improvements for Sanitary Sewer, Water Main, and Drainage Improvements for the Chapman Farms Boulevard Paving and Utilities Project.

Alexander Key from Davis & Kuelthau was present to represent the Chapman Family. He wanted to thank the Village for recalculating the sizes and parcels, however did have a few objections to raise.

He noted Parcel #10 on Exhibit A is the northern parcel and they object to the traffic signal charge. Their position is they will not connect to Chapman Boulevard and feel they should not be assessed. Additionally, they feel the sanitary sewer should be reduced as it is to the south and doesn't connect to Parcel #10. They have not seen evidence of that benefit.

Hearing no further comments, the public hearing was closed at 6:42pm.

Public Hearing to amend Chapter 64 and Chapter 100 by removing references to the "Design Sensitivity Area" contained within the Village of Mukwonago Municipal Code pertaining to the Historic Preservation Ordinance

Hearing no comments, the public hearing was closed at 6:43pm.

Public Hearing to amend Chapter 64 of the Village of Mukwonago Municipal Code by adding Section 64 -24 regarding exempt signage of public signs erected by or under the order of or by permission of a governmental entity.

David Boebel, 815 Park View Lane, was present to express his opposition to this ordinance. He feels it is for the Village's own purpose without consideration of others and is not an example of fair play. He feels the Village is changing the rules.

Hearing no further comments, the public hearing was closed at 6:45pm.

Library Board Monthly Report, Library Director Angela Zimmermann

It was noted this item will appear on the January agenda, Angela Zimmermann had a conflict and was unable to make the meeting.

Consent Agenda

- 7.a Approve Village Board meeting minutes of November 12, 2019 and November 20, 2019.
- 7.b Approve vouchers payable AP payment batches in the amount of \$294,737.27
- 7.c Approve proposal for Streetscape and Wayfind Sign Design Services with Foth Engineering in the amount of \$27,600.
- 7.d Approve **Resolution 2019- 057** A Resolution adopting the Annual Tax Increment District Budgets for TID #3, TID #4, and TID #5.
- 7.e Approve **Resolution 2019-058** a Resolution to appoint Election Inspectors for the Village of Mukwonago.
- 7.f Approve Change Order #2 with August Winter & Sons, Inc. for Grit and Digester Upgrades in the amount of \$40,759.27.
- 7.g Approve **Ordinance 968** amending Section 34-32 of the Municipal Code regarding public nuisances affecting peace and safety.

7.h Approve **Resolution 2019-059** A resolution relating to Salary and Wage Schedules for Non-Represented Full-Time and Part-Time Employees.

7.i Approval of an Original Class A Fermented Malt Beverage and Class A Liquor License application from 909 Greenwald Enterprises, Inc., d/b/a Citgo, 909 Greenwald Ct., Judith Schwartz, Agent.

7.j Approve an Original Class A Fermented Malt Beverage License application from 301 Main Enterprises Inc. d/b/a Clark, 301 Main Street, Judith Schwartz, Agent.

7.k Approve an Original Class A Fermented Malt Beverage License Application from 122 Arrowhead Enterprises, Inc., d/b/a BP, 122 Arrowhead Dr., Judy Schwartz, Agent

7.l Approve an Original Class A Fermented Malt Beverage and Class A Liquor License application from 1060 Rochester Enterprises, Inc. d/b/a Shell, 1060 Rochester Street, Judy Schwartz, Agent.

7.m Accept the Public Facilities Needs Assessment and Park Impact Fee Study from Trilogy Consulting, LLC.

7.n Approval and authorization for the Village President to sign the WE Energies lighting agreement #4373983 for Chapman Villas Street Lighting.

Decker/Johnson motion to approve the consent agenda items. Unanimously carried.

Other Items for Approval

Other items removed from Consent Agenda which were not unanimous from Committee.

Motion to approve Resolution 2019-060 A resolution relating to salary exception schedule for Village Administrator/Economic Development Director Position, as recommended by the committee on December 4, 2019.

Decker/Vermeulen motion to approve Resolution 2019-060 A resolution relating to salary exception schedule for Village Administrator/Economic Development Director Position, as recommended by the committee on December 4, 2019.

Roll Call: "Yes" Trustee Brill, Decker, Vermeulen, Walsh, Wamser, and Winchowky. "No" Trustee Johnson. Motion carried 6-1.

Motion to approve the Park Memorial Donation Policy and the Park Donation and Naming Policy, as recommended by committee on December 4, 2019.

Decker/Wamser motion to approve the Park Memorial Donation Policy and the Park Donation and Naming Policy, as recommended by committee on December 4, 2019. Roll Call: "Yes" Trustee Brill, Decker, Johnson, Vermeulen, Wamser, and Winchowky. "No" Trustee Walsh. Motion carried 6-1.

Planning Commission Recommendations

Resolution 2019- 062 Site Plan and Architectural Review as a Conditional Use for a proposed two story Announcement Booth at 605 W Veterans Way (Mukwonago High School, Owner/Applicant); Parcel MUKV 1960-998-001.

Wamser/Decker motion to approve Resolution 2019- 062 Site Plan and Architectural Review as a Conditional Use for a proposed two story Announcement Booth at 605 W Veterans Way (Mukwonago High School, Owner/Applicant); Parcel MUKV 1960-998-001.

Planner Kohout noted this replaces the existing structure.

Unanimously carried.

Resolution 2019- 063 One Wall Sign and One Monument Sign Placement request on property over 30 acres at 130 W Boxhorn Dr (Super Products LLC, Owner; Bauer Sign and Lighting, Applicant); Parcel #A477300003.

Decker/Brill motion to approve **Resolution 2019- 063** One Wall Sign and One Monument Sign Placement request on property over 30 acres at 130 W Boxhorn Dr (Super Products LLC, Owner; Bauer Sign and Lighting, Applicant); Parcel #A477300003.

Unanimously carried.

Resolution 2019- 061 to approve Certified Survey Map Request to combine two properties into one property at Eagle Lake Ave (County Highway LO) for 21.57 Acres, more or less (Phantom Lake Preserve LLC, Owner; Greg Petrauski, Applicant); Parcels MUKV 1979-991 and MUKV 1979-992.

Decker/Wamser motion to approve **Resolution 2019- 061** to approve Certified Survey Map Request to combine two properties into one property at Eagle Lake Ave (County Highway LO) for 21.57 Acres, more or less (Phantom Lake Preserve LLC, Owner; Greg Petrauski, Applicant); Parcels MUKV 1979-991 and MUKV 1979-992.

Roll Call: "Yes" Trustee Brill, Decker, Walsh, Wamser, and Winchowky. "No" Trustees Johnson and Vermuelen. Motion carried 5-2.

Finance Committee, Trustee Vermeulen

Discussion and possible action on the following item

Accounts Payable Vouchers in the amount of \$633,273.33

Vermeulen/Johnson motion to approve Accounts Payable Vouchers in the amount of \$633,273.33. Unanimously carried.

Purchase requisition for the 2020 Patrol Truck chassis from Lakeside International LLC.

Vermeulen/Decker motion to approve Purchase requisition for the 2020 Patrol Truck chassis from Lakeside International LLC. It was clarified this is a Snow Patrol (Plow) truck. DPW Director Bittner noted there is another \$90,000 for the outfitting of the vehicle. They have \$200,000 set aside in the Capital Budget and the vehicles have a life cycle of 15 years. Unanimously carried.

Resolution 2019-064 A resolution authorizing stipends for the Assistant Fire Chief and Deputy Fire Chief.

Vermeulen/Johnson motion to approve **Resolution 2019-064** A resolution authorizing stipends for the Assistant Fire Chief and Deputy Fire Chief. Unanimously carried.

Contract Agreement with Foth Infrastructure and Environment, LLC and the Village of Mukwonago for Streetscape and Wayfinding Sign Design Services.

Vermeulen/Johnson motion to approve Contract Agreement with Foth Infrastructure and Environment, LLC and the Village of Mukwonago for Streetscape and Wayfinding Sign Design Services. Unanimously carried.

Resolution 2019 -50 a Final Resolution Chapman Farms Boulevard Special Assessments for installation of improvements for Sanitary Sewer, Water Main, and Drainage Improvements for the Chapman Farms Boulevard Paving and Utilities Project.

Ken Ward, from Ruekert-Mielke was present to discuss the special assessments. He noted that the signal assessment was based on a traffic impact analysis which noted 30% of the traffic will come out of the assessed area which is \$134,000 and then it is split by acreage. There is some in the township which are assessed. This is very specific to what is connected to Chapman Farms Boulevard. Additionally, on the second item the sanitary sewer questions which were raised are for a 12" diameter pipe which covers a large area which would be the service area. Their proportionate share of the upsizing of 8" to 12" pipe, which will be deferred until such time as connection is made since the 12" is the most cost effective way to service this area.

It is noted the deferred parcels are not due until such time as the land is sold, subdivided or developed within (10) years at interest rate of 1%.

Trustee Walsh questioned how much of this project was non-assessed due to a development agreement. Ken Ward noted unless an agreement was in place prior or a land sale agreement, the full project cost was 1,670,000 and final assessments were \$454,000 collectable costs. It was noted if they connect to the roadway, water, sewer, or become part of the jurisdictional boundaries they would be deferred.

Vermeulen/Johnson motion to approve **Resolution 2019-50** a Final Resolution Chapman Farms Boulevard Special Assessments for installation of improvements for Sanitary Sewer, Water Main, and Drainage Improvements for the Chapman Farms Boulevard Paving and Utilities Project. It was noted deferment would take place unless a trigger has been met. The triggers that would take place to assess properties would be If property is developed and/or receiving utilities, if the property connects to Chapman Farms Boulevard, and if the property is in the Village jurisdictional boundaries.
Unanimously carried.

Judicial Committee, Trustee Walsh

Discussion and possible action on the following items

Ordinance 969 Amending Sections 14-81, 14-82 and 14-83 of the Mukwonago Municipal Code to repeal the requirement to annually license a cat in the Village of Mukwonago.

Walsh/Johnson motion to approve **Ordinance 969** Amending Sections 14-81, 14-82 and 14-83 of the Mukwonago Municipal Code to repeal the requirement to annually license a cat in the Village of Mukwonago. Attorney Blum noted this ordinance will go into effect on December 31, 2020. Unanimously carried.

Review and approve the form for the Request for Proposals for a Zoning Code and Sign Code rewrite.

Planner Kohout noted he plans to send this out to interested parties to implement a public participation plan to clean up the current code. The process is projected to take 14-16 months. Trustee Walsh stated he was surprised this discussion didn't come up during the wayfinding signage RFP process. He is concerned with the public participation components and the difficulty getting the public to participate. He would request this item be tabled to

the next Committee of the Whole, so the DDC gets a chance to review the proposal. He additionally noted it would be more cost effective to have an open house forum for all these public meetings.

Walsh/Johnson motion to defer this item to the next Village Board meeting of January 15, 2019. Unanimously carried.

Ordinance 970 An Ordinance amendment to Chapter 64 and Chapter 100 by removing references to the "Design Sensitivity Area"

Walsh/Wamser motion to approve **Ordinance 970** An Ordinance amendment to Chapter 64 and Chapter 100 by removing references to the "Design Sensitivity Area" Trustee Walsh noted there is a Historic Preservation Committee with open seats that will need to be filled. Unanimously carried.

Ordinance 971 an Ordinance amendment to create Section 64-24 of the Mukwonago Municipal Code pertaining to exempting public signs erected by or under the order of or by permission of a government entity.

Decker/Vermeulen motion to approve **Ordinance 971** an Ordinance amendment to create Section 64-24 of the Mukwonago Municipal Code pertaining to exempting public signs erected by or under the order of or by permission of a government entity.

Attorney Blum noted this Ordinance is relating to specific standards relating to the sign code. This Ordinance gives local government authority to approve as long as it doesn't impact public health, safety, or welfare. The Board can leave the code as it is, and have limitations, or amend it to allow for flexibility on a case by case basis.

Roll Call: "Yes" Trustee Decker, Vermeulen, Wamser, and Winchowky "No" Trustee Brill, Johnson, and Walsh. Motion carried 4-3.

Public Works Committee, Trustee Wamser

Discussion and possible action on the following items

Agreement for the Subdivision Improvements for the Phantom Lakes Preserve Development in the Village of Mukwonago, Waukesha County.

Storm Water Maintenance Agreement with Phantom Lakes Preserve LLC

It was noted in the late hour there were materials submitted that were different and have to be reviewed by the Engineer.

Wamser/Decker motion to defer both the Agreement for the Subdivision Improvements for the Phantom Lakes Preserve Development in the Village of Mukwonago, Waukesha County and Storm Water Maintenance Agreement with Phantom Lakes Preserve LLC, until January 15th Village Board meeting. Unanimously carried.

MSLIT Local Road Improvement Program (LRIP) funding announcement award in the amount of \$25,261.40 for River Park Estates Paving Project.

DPW Director Bittner noted this is a bi-annual program he applied for and 11 communities were awarded. The Village was one of those communities.

Protective Services, Trustee Brill

Discussion and possible action on the following items

November 2019 Monthly Police Report was placed on file.

Closed Session

Decker/Johnson motion to go into closed session 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 Wisconsin Department of Transportation for consideration of non-participation agreement, and Negotiation with the Mukwonago Professional Police Association, and 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 the status of the Greenwald Family Limited Partnership vs. Village of Mukwonago, and pursuant to **Wis. Stats. § 19.85(1)(c)** (Compensation and Evaluation. Considering employment, promotion, compensation or performance evaluation data of any public employee subject to the jurisdiction or authority of governing body.) for the annual evaluation of the Administrator at 7:54pm.

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

Reconvene into open session

Decker/Johnson 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 at 8:54pm. Roll Call: "Yes" Trustee Brill, Decker, Johnson, Vermeulen, Walsh, Wamser, and Winchowky. Unanimously carried.

Adjournment

Meeting was adjourned at 8:54pm.

Respectfully Submitted,

/s/ Diana Dykstra, CMC
Village Clerk/Treasurer

Accounts Payable Cover Sheet

Report:	Period or corresponding report date		
Village Accounts Payable	01-09-2020 check run	\$	367,408.41 *
Library Accounts Payable		\$	10,136.62
Spectrum (ach withdrawal)	December 2019	\$	2,949.84
WE Energies (ach withdrawal)	December 2019	\$	39,964.34
US Bank (ach withdrawal)	December 2019	\$	23,747.58
Manual Checks or E-checks issued	December 2019	\$	195,044.77
Manual Checks or E-checks issued	December 2019	\$	839.95
Manual Checks or E-checks issued	December 2019	\$	26.09
Manual Checks or E-checks issued	December 2019	\$	165.84
Manual Checks or E-checks issued		\$	-
Total for Approval:		\$	<u>640,283.44</u>

The preceding list of bills payable was approved for payment

Date: _____

Approved by: _____

01/02/2020 04:12 PM
User: lberndt
DB: Mukwonago

CHECK DISBURSEMENT REPORT FOR MUKWONAGO
CHECK DATE FROM 12/01/2019 - 12/31/2019

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Check Date	Bank	Check #	Payee	Description	GL #	Amount
12/05/2019	GEN	28727	W C T C	POLICE RECRUIT ACADEMY GRAD DINNER	100-5211-539900	125.00
12/10/2019	GEN	85 (E)	INVOICE CLOUD	OTHER	100-5142-539900	7.50
		85 (E)		OTHER	100-5241-539900	13.13
		85 (E)		Other	410-5363-539900	43.63
		85 (E)		OFFICE SUPPLIES & EXPENSES	610-6920-692100	58.61
		85 (E)		OPERATION SUPPLY/EXPENSE-ACCTG	620-8300-840000	43.63
						166.50
12/11/2019	GEN	28768	VILLAGE OF MUKWONAGO	ATTY INVOICE #48090 RELATED-LAND SALE	100-5130-521900	805.00
12/11/2019	GEN	28769	RUTENBECK, TIM	CLOTHING ALLOWANCE REIMBURSEMENT	100-5241-539900	68.47
12/13/2019	GEN	28770	MINNESOTA LIFE INSURANCE	LIFE INSURANCE PAYABLE	100-0000-215301	1,291.18
		28770		LIFE INSURANCE PAYABLE	150-0000-215301	116.28
		28770		LIFE INSURANCE PAYABLE	440-0000-215301	181.52
		28770		LIFE INSURANCE PAYABLE	500-0000-215301	2.70
		28770		LIFE INSURANCE PAYABLE	610-0000-215301	81.27
		28770		LIFE INSURANCE PAYABLE	620-0000-215301	85.72
						1,758.67
12/13/2019	GEN	28771	VANTAGEPOINT TRANSFER AGENTS	DEFERRED COMP ID248039 / ACCT#305155	100-0000-215250	3,085.73
		28771		DEFERRED COMP ID248039 / ACCT#305155	440-0000-215250	443.14
		28771		DEFERRED COMP ID248039 / ACCT#305155	500-0000-215250	18.20
		28771		DEFERRED COMP ID248039 / ACCT#305155	610-0000-215250	279.83
		28771		DEFERRED COMP ID248039 / ACCT#305155	620-0000-215250	277.20
						4,104.10
12/13/2019	GEN	83 (E)	GREAT WEST RETIREMENT SERVICES	DEFERRED COMPENSATION PR121319	100-0000-215250	500.00
		83 (E)		DEFERRED COMPENSATION PR121319	150-0000-215250	74.00
		83 (E)		DEFERRED COMPENSATION PR121319	610-0000-215250	96.78
		83 (E)		DEFERRED COMPENSATION PR121319	620-0000-215250	103.22
						774.0
12/13/2019	GEN	84 (E)	PAYROLLDATA.COM	OTHER PR 12/13/19	100-5142-539900	148.64
		84 (E)		PROFESSIONAL SERVICES PR 12/13/19	150-5221-521900	148.63

01/02/2020 04:12 PM
User: lberndt
DB: Mukwonago

CHECK DISBURSEMENT REPORT FOR MUKWONAGO
CHECK DATE FROM 12/01/2019 - 12/31/2019

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Check Date	Bank	Check #	Payee	Description	GL #	Amount
		84 (E)		OTHER PR 12/13/19	440-5511-539900	148.63
		84 (E)		MISC GENERAL EXPENSES PR 12/13/19	610-6920-693000	148.63
		84 (E)		MISC GENERAL EXPENSE PR 12/13/19	620-8400-856000	148.63
						743.16
12/17/2019	GEN	28793	TREASURER STATE OF WI	COURT FEES DUE TO STATE	100-0000-242400	4,003.86
12/17/2019	GEN	28794	TREASURER WAUKESHA COUNTY	WAUKESHA COUNTY COURT FEES	100-0000-243240	1,526.00
12/17/2019	GEN	28795	WALWORTH COUNTY	WALWORTH COUNTY COURT FEES	100-0000-243250	10.00
12/23/2019	GEN	28887	TOWN OF MUKWONAGO	TOWN TAX BILL RCVD MUKT1998.999	720-0000-121100	2,565.93
12/23/2019	GEN	28888	WISCONSIN EMPLOYMENT RELATIONS COMM	FILING FEE	100-5212-521900	400.00
12/23/2019	GEN	89 (E)	EMPLOYEE TRUST FUNDS	HEALTH INSURANCE PAYABLE - JAN 2020 PREM	100-0000-215300	53,498.00
		89 (E)		HEALTH INSURANCE PAYABLE - JAN 2020	150-0000-215300	9,141.74
		89 (E)		HEALTH INSURANCE PAYABLE - JAN 2020	440-0000-215300	7,413.33
		89 (E)		HEALTH INSURANCE PAYABLE - JAN 2020	500-0000-215300	658.21
		89 (E)		HEALTH INSURANCE PAYABLE - JAN 2020	610-0000-215300	4,105.75
		89 (E)		HEALTH INSURANCE PAYABLE - JAN 2020	620-0000-215300	3,217.81
						78,034.84
12/26/2019	GEN	28889	AFLAC	SUPPLEMENTAL INS INV 680347 - ACCT		** VOIDED **
				Void Reason: LBERNDT		
		28889		SUPPLEMENTAL INS INV 680347 - ACCT		** VOIDED **
				Void Reason: LBERNDT		
		28889		SUPPLEMENTAL INS INV 680347 - ACCT		** VOIDED **
				Void Reason: LBERNDT		
		28889		SUPPLEMENTAL INS INV 680347 - ACCT		** VOIDED **
				Void Reason: LBERNDT		
12/26/2019	GEN	28890	MUKWONAGO PROFESSIONAL POLICE	UNION DUES PAYABLE		** VOIDED **
Void Reason: PRINTED INCORRECT FORMAT						
12/26/2019	GEN	28891	AFLAC	SUPPLEMENTAL INS INV 680347 - ACCT	100-0000-215302	269.97
		28891		SUPPLEMENTAL INS INV 680347 - ACCT	150-0000-215302	250.15
		28891		SUPPLEMENTAL INS INV 680347 - ACCT	610-0000-215302	49.94
		28891		SUPPLEMENTAL INS INV 680347 - ACCT	620-0000-215302	51.56

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CHECK DISBURSEMENT REPORT FOR MUKWONAGO
CHECK DATE FROM 12/01/2019 - 12/31/2019

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Check Date	Bank	Check #	Payee	Description	GL #	Amount
						621.56
12/26/2019	GEN	28892	MUKWONAGO PROFESSIONAL POLICE	UNION DUES PAYABLE	100-0000-215500	600.00
12/26/2019	GEN	28893	MUKWONAGO PROFESSIONAL	UNION DUES PAYABLE	150-0000-215500	270.00
12/26/2019	GEN	28894	VILLAGE OF MUKWONAGO MRA	FLEXIBLE SPENDING CONT PR 12/27/19	100-0000-215350	1,571.67
		28894		REPLENISH MRA ACCT @ CBM	100-0000-216000	20,000.00
		28894		FLEXIBLE SPENDING CONT PR 12/27/19	150-0000-215350	203.84
		28894		FLEXIBLE SPENDING CONT PR 12/27/19	440-0000-215350	71.37
						21,846.88
12/26/2019	GEN	28895	WE ENERGIES	ELECTRIC-TOWER SUGDEN AND HWY X	100-5342-522200	29.84
12/26/2019	GEN	86 (E)	HASLER MAILING SOLUTIONS	POSTAGE	100-5142-531500	1,000.00
12/26/2019	GEN	87 (E)	WI RETIREMENT SYSTEM	RETIREMENT	100-0000-215200	42,557.79
		87 (E)		RETIREMENT	150-0000-215200	11,090.39
		87 (E)		RETIREMENT	440-0000-215200	8,029.66
		87 (E)		RETIREMENT	500-0000-215200	104.50
		87 (E)		RETIREMENT	610-0000-215200	3,420.88
		87 (E)		RETIREMENT	620-0000-215200	2,756.38
						67,959.60
12/26/2019	GEN	88 (E)	PAYROLLDATA.COM	OTHER PR 12/27/19 INVOICE	100-5142-539900	81.49
		88 (E)		PROFESSIONAL SERVICES PR 12/27/19	150-5221-521900	81.49
		88 (E)		OTHER PR 12/27/19 INVOICE	440-5511-539900	81.49
		88 (E)		MISC GENERAL EXPENSES PR 12/27/19	610-6920-693000	81.49
		88 (E)		MISC GENERAL EXPENSE PR 12/27/19	620-8400-856000	81.49
						407.45
12/26/2019	GEN	90 (E)	GREAT WEST RETIREMENT SERVICES	DEFERRED COMPENSATION PR 122719	100-0000-215250	500.00
		90 (E)		DEFERRED COMPENSATION PR 122719	150-0000-215250	74.00
		90 (E)		DEFERRED COMPENSATION PR 122719	610-0000-215250	100.00
		90 (E)		DEFERRED COMPENSATION PR 122719	620-0000-215250	100.00

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CHECK DISBURSEMENT REPORT FOR MUKWONAGO
CHECK DATE FROM 12/01/2019 - 12/31/2019

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Check Date	Bank	Check #	Payee	Description	GL #	Amount
						774.00
12/27/2019	GEN	95 (E)	VANTAGEPOINT TRANSFER AGENTS	DEFERRED COMPENSATION PR 122719	100-0000-215250	3,153.17
		95 (E)		DEFERRED COMPENSATION PR 122719	150-0000-215250	0.70
		95 (E)		DEFERRED COMPENSATION PR 122719	440-0000-215250	629.39
		95 (E)		DEFERRED COMPENSATION PR 122719	500-0000-215250	41.02
		95 (E)		DEFERRED COMPENSATION PR 122719	610-0000-215250	270.06
		95 (E)		DEFERRED COMPENSATION PR 122719	620-0000-215250	172.34
						4,266.68
12/30/2019	GEN	96 (E)	TASC	OTHER HRA 01/01/2020-03/31/2020	100-5142-539900	68.74
		96 (E)		OTHER HRA 01/01/2020-03/31/2020	100-5211-539900	120.30
		96 (E)		OTHER HRA 01/01/2020-03/31/2020	100-5212-539900	103.11
		96 (E)		OTHER FRINGE HRA 01/01/2020-	100-5213-515900	34.37
		96 (E)		OTHER HRA 01/01/2020-03/31/2020	100-5241-539900	17.18
		96 (E)		SUPPLIES HRA 01/01/2020-03/31/2020	100-5323-531100	34.37
		96 (E)		OTHER HRA 01/01/2020-03/31/2020	150-5221-539900	34.37
		96 (E)		OTHER HRA 01/01/2020-03/31/2020	440-5511-539900	85.93
		96 (E)		MISC GENERAL EXP HRA 01/01/2020-	610-6920-693000	34.37
		96 (E)		MISC GENERAL EXP HRA 01/01/2020-	620-8400-856000	34.37
						567.11
12/30/2019	GEN	97 (E)	TASC	OTHER FLEX 1/1/20-3/31/20	100-5142-539900	160.10
		97 (E)		OTHER FLEX 1/1/20-3/31/20	100-5211-539900	200.12
		97 (E)		OTHER FLEX 1/1/20-3/31/20	100-5212-539900	200.12
		97 (E)		OTHER FRINGE BEN FLEX 1/1/20-3/31/20	100-5213-515900	40.02
		97 (E)		OTHER FLEX 1/1/20-3/31/20	100-5241-539900	40.02
		97 (E)		SUPPLIES FLEX 1/1/20-3/31/20	100-5323-531100	160.10
		97 (E)		OTHER FLEX 1/1/20-3/31/20	100-5632-539900	20.01
		97 (E)		OTHER FLEX 1/1/20-3/31/20	150-5221-539900	160.10
		97 (E)		OTHER FLEX 1/1/20-3/31/20	440-5511-539900	120.06
		97 (E)		MISC GENERAL EXP FLEX 1/1/20-3/31/20	610-6920-693000	60.03
		97 (E)		MISC GENERAL EXP FLEX 1/1/20-3/31/20	620-8400-856000	80.04
						1,240.72
12/31/2019	GEN	91 (E)	DELTA DENTAL OF WISCONSIN	DENTAL -SUPPLEMENTAL INS - JAN 2020 PREM	100-0000-215304	370.41
		91 (E)		DENTAL -SUPPLEMENTAL INS - JAN 2020	500-0000-215304	4.99

Check Date	Bank	Check #	Payee	Description	GL #	Amount
						375.40
TOTAL - ALL FUNDS				TOTAL OF 29 CHECKS (2 voided)		195,044.77

Check Date	Bank	Check #	Payee	Description	GL #	Amount
12/06/2019	GEN	81 (E)	VILLAGE OF MUKWONAGO	CASTLE SENIOR LIVING	100-0000-211425	839.95
			TOTAL - ALL FUNDS	TOTAL OF 1 CHECKS		839.95

Check Date	Bank	Check #	Payee	Description	GL #	Amount
12/16/2019	GEN	28792	LIBRARY PETTY CASH	MISC PETTY CASH	440-5511-531100	3.14
		28792		MISC PETTY CASH	440-5511-531400	16.55
		28792		MISC PETTY CASH	440-5511-531500	8.44
		28792		MISC PETTY CASH	440-5511-533100	75.96
		28792		MISC PETTY CASH	440-5700-532800	30.00
		28792		MISC PETTY CASH	440-5890-580600	31.75
						165.84
TOTAL - ALL FUNDS				TOTAL OF 1 CHECKS		165.84

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INVOICE REGISTER REPORT FOR MUKWONAGO
INVOICE ENTRY DATES 12/23/2019 - 12/23/2019
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Inv Num	Vendor	Description	Inv Date	Due Date	Inv Amt	Amt Due	Status	Jrnlized
Inv Ref#		GL Distribution		Entered By				Post Date

12232019								
38437	TIME WARNER CABLE		12/23/2019	12/26/2019	2,949.84	0.00	Paid	Y
	MONTHLY BILL			rgallo				12/23/2019
	100-5120-522500	TELEPHONE			79.14			
	100-5141-522500	TELEPHONE			87.16			
	100-5142-522500	TELEPHONE			157.28			
	100-5144-521900	PROFESSIONAL SERVICES			26.40			
	100-5211-522500	TELEPHONE			839.19			
	100-5241-522500	TELEPHONE			44.36			
	100-5323-522500	TELEPHONE			79.91			
	100-5512-522500	TELEPHONE			154.96			
	150-5221-522500	TELEPHONE			797.97			
	220-5140-522500	TELEPHONE-TID			2.54			
	410-5363-522500	Telephone			5.07			
	440-5511-522500	TELEPHONE			587.07			
	500-5344-522500	Telephone			2.54			
	610-6920-692100	OFFICE SUPPLIES & EXPENSES-WATER			43.13			
	620-8400-851000	OFFICE SUPPLIES & EXPENSES-SEWER			43.12			
# of Invoices:	1	# Due:	0	Totals:	2,949.84	0.00		
# of Credit Memos:	0	# Due:	0	Totals:	0.00	0.00		
Net of Invoices and Credit Memos:					2,949.84	0.00		

--- TOTALS BY GL DISTRIBUTION ---

100-5120-522500	TELEPHONE	79.14
100-5141-522500	TELEPHONE	87.16
100-5142-522500	TELEPHONE	157.28
100-5144-521900	PROFESSIONAL SERVICES	26.40
100-5211-522500	TELEPHONE	839.19
100-5241-522500	TELEPHONE	44.36
100-5323-522500	TELEPHONE	79.91
100-5512-522500	TELEPHONE	154.96
150-5221-522500	TELEPHONE	797.97
220-5140-522500	TELEPHONE-TID	2.54
410-5363-522500	Telephone	5.07
440-5511-522500	TELEPHONE	587.07
500-5344-522500	Telephone	2.54
610-6920-692100	OFFICE SUPPLIES & EXPENSES-WATER	43.13
620-8400-851000	OFFICE SUPPLIES & EXPENSES-SEWER	43.12

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INVOICE REGISTER REPORT FOR MUKWONAGO
INVOICE ENTRY DATES 12/23/2019 - 12/23/2019
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BANK CODE: GEN - CHECK TYPE: EFT

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Inv Num	Vendor	Description	Inv Date	Due Date	Inv Amt	Amt Due	Status	Jrnalized
Inv Ref#				Entered By				Post Date
		GL Distribution						
		--- TOTALS BY FUND ---						
100 -	GENERAL FUND				1,468.40	0.00		
150 -	FIRE/AMBULANCE FUND				797.97	0.00		
220 -	TID#3 - GENERAL				2.54	0.00		
410 -	RECYCLING FUND				5.07	0.00		
440 -	LIBRARY FUND				587.07	0.00		
500 -	STORM WATER UTILITY				2.54	0.00		
610 -	WATER UTILITY FUND				43.13	0.00		
620 -	SEWER UTILITY FUND				43.12	0.00		
		--- TOTALS BY DEPT/ACTIVITY ---						
5120 -	MUNICIPAL COURT				79.14	0.00		
5140 -	ADMINISTRATIVE & GENERAL				2.54	0.00		
5141 -	VILLAGE ADMINISTRATION/FINA				87.16	0.00		
5142 -	CLERK-TREASURER				157.28	0.00		
5144 -	ELECTIONS				26.40	0.00		
5211 -	POLICE ADMINISTRATION				839.19	0.00		
5221 -	FIRE ADMINISTRATION				797.97	0.00		
5241 -	BUILDING INSPECTOR				44.36	0.00		
5323 -	GARAGE				79.91	0.00		
5344 -	STORM SEWER				2.54	0.00		
5363 -	RECYCLING				5.07	0.00		
5511 -	LIBRARY SERVICES				587.07	0.00		
5512 -	MUSEUM				154.96	0.00		
6920 -	ADMINISTRATIVE & GENERAL EX				43.13	0.00		
8400 -	ADMINISTRATIVE & GENERAL				43.12	0.00		

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INVOICE REGISTER REPORT FOR MUKWONAGO
EXP CHECK RUN DATES 12/01/2019 - 12/31/2019

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JOURNALIZED PAID

BANK CODE: GEN VENDOR CODE: MISCCC - 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						
Purchase Card Vendor: 0002 US BANK							
BITTNER RONALD							
38261	EIG*BLUEHOST.COM	12/11/2019	12/30/2019	287.76	0.00	Paid	Y
	WEB SITE HOSTING SERVICES	rgallo					12/17/2019
	100-5512-522500	TELEPHONE		287.76			
DELIKAT CODY							
38263	USPS PO 5657100149	12/04/2019	12/30/2019	3.66	0.00	Paid	Y
	WATER SAMPLE POSTAGE	rgallo					12/17/2019
	610-6300-663200	OPERATION SUPPLY/EXP-TREATMENT		3.66			
DEMOTTO CHRIS							
38264	FBI LEEDA INC	11/22/2019	12/30/2019	50.00	0.00	Paid	Y
	LT DEMOTTO MEMBERSHIP DUES FOR FBI	rgallo					12/17/2019
	100-5211-532400	MEMBERSHIP DUES		50.00			
DOHERTY DIANA							
38265	CROSSROADS PIZZA AND	11/15/2019	12/30/2019	47.01	0.00	Paid	Y
	PIZZA FOR PROPERTY TAX TRAINING	rgallo					12/17/2019
	100-5141-533500	TRAINING & TRAVEL		47.01			
DYKSTRA DIANA							
38266	AMZN MKTP US*OA3VR89E3 AM	12/04/2019	12/30/2019	51.34	0.00	Paid	Y
	BOOKS FOR MISC RECEIPT OF BRINE	rgallo					12/17/2019
	100-5142-531100	BOOKS FOR MISC RECEIPT OF BRINE		51.34			
DYKSTRA DIANA							
38267	AMAZON.COM*CK9X648H3	12/04/2019	12/30/2019	21.95	0.00	Paid	Y
	PERSONNEL FOLDERS	rgallo					12/17/2019
	100-5142-531100	PERSONNEL FOLDERS		21.95			
DYKSTRA DIANA							
38268	LEAGUE OF WISCONSIN MUNIC	12/06/2019	12/30/2019	60.00	0.00	Paid	Y
	LEAGUE BOOKLETS FOR ELECTED	rgallo					12/17/2019
	100-5111-531100	LEAGUE BOOKLETS FOR ELECTED OFFICIALS		60.00			
DYKSTRA DIANA							
38269	AMZN MKTP US*N72T47Q03	12/10/2019	12/30/2019	325.00	0.00	Paid	Y
	DOC SCANNER FOR REGISTER	rgallo					12/17/2019
	430-5700-571800	VILLAGE-WIDE CAPITAL BENEFIT		325.00			

INVOICE REGISTER REPORT FOR MUKWONAGO
EXP CHECK RUN DATES 12/01/2019 - 12/31/2019

JOURNALIZED PAID

BANK CODE: GEN VENDOR CODE: MISCCC - 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						
Purchase Card Vendor: 0002 US BANK							
FRISCH LAURA L							
38270	STAPLS0179331525000001	11/15/2019	12/30/2019	51.36	0.00	Paid	Y
	OFFICE & PAPER PRODUCTS	rgallo					12/17/2019
	440-5511-531100	SUPPLIES		51.36			
FRISCH LAURA L							
38271	AMZN MKTP US*PT3VR3PF3 AM	11/17/2019	12/30/2019	26.78	0.00	Paid	Y
	TAPE AND BATTERIES	rgallo					12/17/2019
	440-5511-531100	SUPPLIES		26.78			
FRISCH LAURA L							
38272	FACEBK *JVG2UNNX82	11/17/2019	12/30/2019	250.00	0.00	Paid	Y
	SPECIAL ADS	rgallo					12/17/2019
	440-5890-580600	DONATED FUND EXPENDITURES		250.00			
FRISCH LAURA L							
38273	SALLY BEAUTY #2927	11/18/2019	12/30/2019	9.43	0.00	Paid	Y
	PROGRAM SUPPLIES	rgallo					12/17/2019
	440-5511-533100	PROGRAMMING		9.43			
FRISCH LAURA L							
38274	AMZN MKTP US*OM8KA7PX3 AM	11/19/2019	12/30/2019	38.80	0.00	Paid	Y
	PROGRAM SUPPLIES	rgallo					12/17/2019
	440-5511-533100	PROGRAMMING		38.80			
FRISCH LAURA L							
38275	PICK N SAVE #384	11/19/2019	12/30/2019	19.48	0.00	Paid	Y
	TLC PROGRAM	rgallo					12/17/2019
	440-5890-580600	DONATED FUND EXPENDITURES		19.48			
FRISCH LAURA L							
38276	FACEBK *24JKYMJY82	11/19/2019	12/30/2019	6.74	0.00	Paid	Y
	AD	rgallo					12/17/2019
	440-5890-580600	DONATED FUND EXPENDITURES		6.74			
FRISCH LAURA L							
38277	WALGREENS #7039	11/20/2019	12/30/2019	8.99	0.00	Paid	Y
	BATTERIES	rgallo					12/17/2019
	440-5511-531100	SUPPLIES		8.99			

INVOICE REGISTER REPORT FOR MUKWONAGO
EXP CHECK RUN DATES 12/01/2019 - 12/31/2019

JOURNALIZED PAID

BANK CODE: GEN VENDOR CODE: MISCCC - 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						
Purchase Card Vendor: 0002 US BANK							
FRISCH LAURA L							
38278	AMZN MKTP US*0B1ZW17K3	11/20/2019	12/30/2019	8.23	0.00	Paid	Y
	POM POMS	rgallo					12/17/2019
	440-5511-531400	META SPACE EQUIPMENT & SUPPLIE		8.23			
FRISCH LAURA L							
38279	WALGREENS #7039	11/21/2019	12/30/2019	211.90	0.00	Paid	Y
	GIFT CARD	rgallo					12/17/2019
	440-5890-580600	DONATED FUND EXPENDITURES		211.90			
FRISCH LAURA L							
38280	AMZN MKTP US*7E6FM9AV3 AM	11/22/2019	12/30/2019	51.98	0.00	Paid	Y
	LIGHT EMITTING DIODES	rgallo					12/17/2019
	440-5511-531400	META SPACE EQUIPMENT & SUPPLIE		51.98			
FRISCH LAURA L							
38281	AMZN MKTP US AMZN.COM/BIL	11/26/2019	12/30/2019	(34.99)	0.00	Paid	Y
	ACRYLIC SHEETS	rgallo					12/17/2019
	440-5511-531400	META SPACE EQUIPMENT & SUPPLIE		(34.99)			
FRISCH LAURA L							
38282	STAPLS0179586211000001	11/26/2019	12/30/2019	42.72	0.00	Paid	Y
	OFFICE SUPPLIES	rgallo					12/17/2019
	440-5511-531100	SUPPLIES		42.72			
FRISCH LAURA L							
38283	WM SUPERCENTER #1571	11/27/2019	12/30/2019	14.58	0.00	Paid	Y
	FOAM	rgallo					12/17/2019
	440-5511-533100	PROGRAMMING		14.58			
FRISCH LAURA L							
38284	WAL-MART #1571	11/29/2019	12/30/2019	(14.58)	0.00	Paid	Y
	REFUND FOAM	rgallo					12/17/2019
	440-5511-533100	PROGRAMMING		(14.58)			
FRISCH LAURA L							
38285	ADOBE ACROPRO SUBS	12/01/2019	12/30/2019	15.75	0.00	Paid	Y
	ACROBAT	rgallo					12/17/2019
	440-5511-534000	DIGITAL MATERIALS		15.75			

INVOICE REGISTER REPORT FOR MUKWONAGO
EXP CHECK RUN DATES 12/01/2019 - 12/31/2019

JOURNALIZED PAID

BANK CODE: GEN VENDOR CODE: MISCCC - 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						
Purchase Card Vendor: 0002 US BANK							
FRISCH LAURA L							
38286	WALGREENS #7039	12/02/2019	12/30/2019	13.49	0.00	Paid	Y
	BATTERIES	rgallo					12/17/2019
	440-5511-531100	SUPPLIES		13.49			
FRISCH LAURA L							
38287	PICK N SAVE #384	12/03/2019	12/30/2019	24.61	0.00	Paid	Y
	TLC PROGRAM	rgallo					12/17/2019
	440-5890-580600	DONATED FUND EXPENDITURES		24.61			
FRISCH LAURA L							
38288	FREDRICKS HALLMARK 105	12/05/2019	12/30/2019	21.01	0.00	Paid	Y
	CARD	rgallo					12/17/2019
	440-5890-580600	DONATED FUND EXPENDITURES		21.01			
FRISCH LAURA L							
38289	STAPLS0179815104000001	12/06/2019	12/30/2019	61.96	0.00	Paid	Y
	TAPE	rgallo					12/17/2019
	440-5511-531100	SUPPLIES		61.96			
FRISCH LAURA L							
38290	AMZN MKTP US*B85C62OI3 AM	12/07/2019	12/30/2019	61.73	0.00	Paid	Y
	PROGRAM SUPPLIES	rgallo					12/17/2019
	440-5511-533100	PROGRAMMING		61.73			
FRISCH LAURA L							
38291	MAILCHIMP *MONTHLY	12/08/2019	12/30/2019	59.99	0.00	Paid	Y
	DECEMBER NEWSLETTER	rgallo					12/17/2019
	440-5511-534000	DIGITAL MATERIALS		59.99			
FRISCH LAURA L							
38292	WM SUPERCENTER #1571	12/09/2019	12/30/2019	11.04	0.00	Paid	Y
	COTTON BALLS	rgallo					12/17/2019
	440-5511-531400	META SPACE EQUIPMENT & SUPPLIE		11.04			
FRISCH LAURA L							
38293	WALGREENS #7039	12/10/2019	12/30/2019	9.99	0.00	Paid	Y
	CANDY FOR VOLUNTEERS	rgallo					12/17/2019
	440-5890-580600	DONATED FUND EXPENDITURES		9.99			

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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						
Purchase Card Vendor: 0002 US BANK							
FRISCH LAURA L							
38294	WAL-MART #1571	12/11/2019	12/30/2019	31.70	0.00	Paid	Y
	PROGRAM PRIZE	rgallo					12/17/2019
	440-5890-580600	DONATED FUND EXPENDITURES		31.70			
FRISCH LAURA L							
38295	WAL-MART #1571	12/12/2019	12/30/2019	24.47	0.00	Paid	Y
	PROGRAM SUPPLIES	rgallo					12/17/2019
	440-5511-531400	META SPACE EQUIPMENT & SUPPLIE		24.47			
FRISCH LAURA L							
38296	PICK N SAVE #384	12/12/2019	12/30/2019	32.72	0.00	Paid	Y
	APL MEETING	rgallo					12/17/2019
	440-5890-580600	DONATED FUND EXPENDITURES		32.72			
GOURDOUX LINDA							
38297	TRIBUTE STORE	11/21/2019	12/30/2019	86.08	0.00	Paid	Y
	FLOWERS-FUNERAL PAULETTE STEIN	rgallo					12/17/2019
	100-5141-539800	EMPLOYEE RECOGNITION		86.08			
GOURDOUX LINDA							
38298	WAL-MART #1571	12/03/2019	12/30/2019	15.26	0.00	Paid	Y
	ED Z RETIREMENT PARTY SUPPLIES	rgallo					12/17/2019
	100-5141-539800	EMPLOYEE RECOGNITION		15.26			
GOURDOUX LINDA							
38299	DOLLAR GENERAL #10855	12/06/2019	12/30/2019	21.02	0.00	Paid	Y
	ED Z RETIREMENT PARTY	rgallo					12/17/2019
	100-5141-539800	EMPLOYEE RECOGNITION		21.02			
GOURDOUX LINDA							
38300	LOCAL GOVERNMENT EDUCATIO	12/06/2019	12/30/2019	489.00	0.00	Paid	Y
	GOURDOUX YEAR THREE CLERK INSTITUTE	rgallo					12/17/2019
	100-5142-533500	TRAINING & TRAVEL		489.00			
HARLEY ROBERT J							
38301	VARIDESK* 1800 207 2587	12/07/2019	12/30/2019	395.00	0.00	Paid	Y
	ADJUSTABLE COMPUTER TABLE	rgallo					12/17/2019
	100-5241-533500	TRAINING & TRAVEL		395.00			

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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						
Purchase Card Vendor: 0002 US BANK							
ISELY MARY JO							
38302	AMZN MKTP US*6Q99642J3 AM	11/17/2019	12/30/2019	61.46	0.00	Paid	Y
	DVDS	rgallo					12/17/2019
	440-5700-532900	AV MATERIAL		61.46			
ISELY MARY JO							
38303	AMZN MKTP US*P75L29J83 AM	11/18/2019	12/30/2019	25.51	0.00	Paid	Y
	DVD	rgallo					12/17/2019
	440-5700-532900	AV MATERIAL		25.51			
ISELY MARY JO							
38304	AMZN MKTP US*QT44D9ZD3 AM	11/19/2019	12/30/2019	12.34	0.00	Paid	Y
	DVD	rgallo					12/17/2019
	440-5700-532900	AV MATERIAL		12.34			
ISELY MARY JO							
38305	AMZN MKTP US*BO0BU51J3 AM	11/19/2019	12/30/2019	297.37	0.00	Paid	Y
	DVDS	rgallo					12/17/2019
	440-5700-532900	AV MATERIAL		297.37			
ISELY MARY JO							
38306	AMZN MKTP US*0K5HU6KK3 AM	11/20/2019	12/30/2019	28.39	0.00	Paid	Y
	DVD	rgallo					12/17/2019
	440-5700-532900	AV MATERIAL		28.39			
ISELY MARY JO							
38307	AMZN MKTP US*ZY8ZO4WU3 AM	11/21/2019	12/30/2019	16.81	0.00	Paid	Y
	DVD	rgallo					12/17/2019
	440-5700-532900	AV MATERIAL		16.81			
ISELY MARY JO							
38308	AMAZON.COM*BZ34R6A43 AMZN	11/24/2019	12/30/2019	319.15	0.00	Paid	Y
	DVDS	rgallo					12/17/2019
	440-5700-532900	AV MATERIAL		319.15			
ISELY MARY JO							
38309	AMZN MKTP US*P64YP7WQ3	11/25/2019	12/30/2019	11.82	0.00	Paid	Y
	BOOKS	rgallo					12/17/2019
	440-5700-532800	BOOKS		11.82			

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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						
Purchase Card Vendor: 0002 US BANK							
ISELY MARY JO							
38310	NETFLIX.COM	12/01/2019	12/30/2019	15.99	0.00	Paid	Y
	STREAMING SERVICES	rgallo					12/17/2019
	440-5511-534000	DIGITAL MATERIALS		15.99			
ISELY MARY JO							
38311	AMZN MKTP US*6X6SG08J3 AM	12/02/2019	12/30/2019	118.73	0.00	Paid	Y
	KARAOKE SYSTEM	rgallo					12/17/2019
	440-5890-580600	DONATED FUND EXPENDITURES		118.73			
ISELY MARY JO							
38312	AMZN MKTP US AMZN.COM/BIL	12/04/2019	12/30/2019	(13.98)	0.00	Paid	Y
	DVD CREDIT	rgallo					12/17/2019
	440-5700-532900	AV MATERIAL		(13.98)			
ISELY MARY JO							
38313	AMZN MKTP US AMZN.COM/BIL	12/04/2019	12/30/2019	(6.15)	0.00	Paid	Y
	DVD CREDIT	rgallo					12/17/2019
	440-5700-532900	AV MATERIAL		(6.15)			
ISELY MARY JO							
38314	CRICUT	12/04/2019	12/30/2019	100.67	0.00	Paid	Y
	ANNUAL SUBSCRIPTION	rgallo					12/17/2019
	440-5511-534000	DIGITAL MATERIALS		100.67			
ISELY MARY JO							
38315	ACORN TV MONTHLY	12/08/2019	12/30/2019	6.29	0.00	Paid	Y
	MONTHLY FEE	rgallo					12/17/2019
	440-5511-534000	DIGITAL MATERIALS		6.29			
ISELY MARY JO							
38316	AMZN MKTP US*746K48MK3	12/08/2019	12/30/2019	168.94	0.00	Paid	Y
	DVD	rgallo					12/17/2019
	440-5700-532900	AV MATERIAL		168.94			
ISELY MARY JO							
38317	AMZN MKTP US*ML5NF4OZ3	12/09/2019	12/30/2019	116.09	0.00	Paid	Y
	DVD	rgallo					12/17/2019
	440-5700-532900	AV MATERIAL		116.09			

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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						
Purchase Card Vendor: 0002 US BANK							
KINDER MATTHEW							
38318	USPS PO 5657100149	11/19/2019	12/30/2019	3.66	0.00	Paid	Y
	WATER SAMPLE POSTAGE	rgallo					12/17/2019
	610-6300-663200	OPERATION SUPPLY/EXP-TREATMENT		3.66			
KINDER MATTHEW							
38319	THE HOME DEPOT 4921	11/21/2019	12/30/2019	87.68	0.00	Paid	Y
	FIRE HYDRANT WINTERIZING	rgallo					12/17/2019
	610-6454-665400	MAINTENANCE-HYDRANTS		87.68			
KINDER MATTHEW							
38320	OFFICEMAX/DEPOT 6747	12/13/2019	12/30/2019	191.71	0.00	Paid	Y
	OFFICE SUPPLIES	rgallo					12/17/2019
	610-6920-692100	OFFICE SUPPLIES & EXPENSES		95.86			
	620-8400-851000	OFFICE SUPPLIES & EXPENSES		95.85			
KOHOUT BENJAMIN							
38321	AMERICAN PLANNING A	12/11/2019	12/30/2019	517.00	0.00	Paid	Y
	2020 APA DUES	rgallo					12/17/2019
	100-5632-532400	MEMBERSHIP DUES		517.00			
MILLER KENNETH							
38322	HYQUIP WAUKESHA	11/19/2019	12/30/2019	25.84	0.00	Paid	Y
	PARTS FOR BLOWER	rgallo					12/17/2019
	620-8010-833000	MAINT-TREATMENT/DISPOSAL PLANT		25.84			
MILLER KENNETH							
38323	THE HOME DEPOT 4921	11/29/2019	12/30/2019	299.00	0.00	Paid	Y
	SHOP TOOLS	rgallo					12/17/2019
	620-8010-827000	OPERATION SUPPLY/EXPENSE		150.00			
	610-6200-662500	MAINTENANCE-PUMPING		149.00			
MILLER KENNETH							
38324	THE HOME DEPOT 4921	12/02/2019	12/30/2019	99.00	0.00	Paid	Y
	SHOP TOOLS	rgallo					12/17/2019
	610-6210-662500	MAINTENANCE-PUMPING		49.50			
	620-8010-827000	OPERATION SUPPLY/EXPENSE		49.50			
MILLER KENNETH							
38325	THE HOME DEPOT #4921	12/10/2019	12/30/2019	47.91	0.00	Paid	Y
	SHOP TOOLS	rgallo					12/17/2019

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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						
Purchase Card Vendor: 0002 US BANK							
	620-8010-827000	OPERATION SUPPLY/EXPENSE		23.95			
	610-6200-662500	MAINTENANCE-PUMPING		23.96			
MILLER KENNETH							
38326	THE HOME DEPOT #4921	12/11/2019	12/30/2019	39.64	0.00	Paid	Y
	SOUTH WATER TOWER HEATER REPAIR	rgallo					12/17/2019
	610-6450-664100	OPERATION SUPPLY/EXP-T&D		39.64			
MORGAN TRAVIS							
38327	THE HOME DEPOT 4921	11/21/2019	12/30/2019	780.61	0.00	Paid	Y
	WELL 4 BUILDING MAINTENANCE	rgallo					12/17/2019
	610-6200-662500	MAINTENANCE-PUMPING		780.61			
SCHMIDT KEVIN B							
38329	STAPLS0179562181000001	11/23/2019	12/30/2019	65.90	0.00	Paid	Y
	WISBUY STAPLES ORDER 126341798,	rgallo					12/17/2019
	100-5211-531100	SUPPLIES		65.90			
SCHMIDT KEVIN B							
38330	AMAZON.COM*143RH4Q23 AMZN	11/25/2019	12/30/2019	1,995.98	0.00	Paid	Y
	2 TV'S FOR THE EOC AT VILLAGE HALL	rgallo					12/17/2019
	430-5700-571100	POLICE DEPT CAPITAL EQUIP		1,995.98			
SCHMIDT KEVIN B							
38331	AMZN MKTP US*TM9AC1VM3 AM	11/25/2019	12/30/2019	399.96	0.00	Paid	Y
	CAPITAL BUDGET - EMERGENCY	rgallo					12/17/2019
	430-5700-571100	POLICE DEPT CAPITAL EQUIP		399.96			
SCHMIDT KEVIN B							
38332	AMZN MKTP US*V119P9O43 AM	11/25/2019	12/30/2019	596.99	0.00	Paid	Y
	CAPITAL BUDGET - EMERGENCY	rgallo					12/17/2019
	430-5700-571100	POLICE DEPT CAPITAL EQUIP		596.99			
SCHMIDT KEVIN B							
38333	STAPLS0179877307000001	12/10/2019	12/30/2019	46.59	0.00	Paid	Y
	WISBUY STAPLES ORDER, POP-UP	rgallo					12/17/2019
	100-5211-531100	SUPPLIES		46.59			
SCHMIDT KEVIN B							
38334	DAVID ALAN ALAN S SMOKEHO	12/11/2019	12/30/2019	78.65	0.00	Paid	Y
	PD COMMAND STAFF AND CHAPLAIN LUNCH	rgallo					12/17/2019
	100-5211-539900	OTHER		78.65			

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Inv Ref#	Description	Entered By					Post Date
	GL Distribution						
Purchase Card Vendor: 0002 US BANK							
SMITH JAMES A							
38335	THE HOME DEPOT #4921	11/26/2019	12/30/2019	(46.60)	0.00	Paid	Y
	ITEM RETURNED TO STORE	rgallo					12/17/2019
	620-8010-833000	MAINT-TREATMENT/DISPOSAL PLANT		(46.60)			
SMITH JAMES A							
38336	THE HOME DEPOT #4921	11/26/2019	12/30/2019	68.38	0.00	Paid	Y
	MATERIALS FOR INSULATING AERATION	rgallo					12/17/2019
	620-8010-833000	MAINT-TREATMENT/DISPOSAL PLANT		68.38			
SMITH JAMES A							
38337	THE HOME DEPOT 4921	11/26/2019	12/30/2019	84.46	0.00	Paid	Y
	MATERIALS FOR INSULATION AERATION	rgallo					12/17/2019
	620-8010-833000	MAINT-TREATMENT/DISPOSAL PLANT		84.46			
STIEN JEFFREY R							
38338	ROCKY BRANDS US, LLC	11/23/2019	12/30/2019	136.62	0.00	Paid	Y
	CLOTHING BOOTS-CUOMO	rgallo					12/17/2019
	150-5221-534600	CLOTHING ALLOWANCE		136.62			
STIEN JEFFREY R							
38339	AMZN MKTP US*D66NR10F3 AM	12/10/2019	12/30/2019	116.99	0.00	Paid	Y
	CLOTHING BOOTS-STIEN	rgallo					12/17/2019
	150-5221-534600	CLOTHING ALLOWANCE		116.99			
STREIT DANIEL							
38340	AMZN MKTP US*5E7OP36P3 AM	11/24/2019	12/30/2019	11.55	0.00	Paid	Y
	LABEL MAKER TAPE	rgallo					12/17/2019
	100-5211-531100	SUPPLIES		11.55			
STREIT DANIEL							
38341	AMZN MKTP US*PO1C60NG3 AM	11/25/2019	12/30/2019	1,279.95	0.00	Paid	Y
	CAPITAL BUDGET - EOC; 2 - 65" TV'S &	rgallo					12/17/2019
	430-5700-571100	POLICE DEPT CAPITAL EQUIP		1,279.95			
STREIT DANIEL							
38343	AMZN MKTP US*ZD4FD2ZY3	12/08/2019	12/30/2019	26.02	0.00	Paid	Y
	REPLACE BROKEN GPS RECEIVER IN SQUAD	rgallo					12/17/2019
	100-5212-539500	REPAIRS & MAINTENANCE		26.02			

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Inv Ref#	Description	Entered By					Post Date
	GL Distribution						
Purchase Card Vendor: 0002 US BANK							
SURA MATTHEW J							
38344	MUKWONAGO FIRE DEPT	12/01/2019	12/30/2019	34.50	0.00	Paid	Y
	CLOTHING- FICKAU	rgallo					12/17/2019
	150-5221-534600	CLOTHING ALLOWANCE		34.50			
SURA MATTHEW J							
38345	MUKWONAGO FIRE DEPT	12/01/2019	12/30/2019	173.43	0.00	Paid	Y
	CLOTHING- FICKAU	rgallo					12/17/2019
	150-5221-534600	CLOTHING ALLOWANCE		173.43			
SURA MATTHEW J							
38346	PAYPAL *NANOOKINDUS	12/04/2019	12/30/2019	859.00	0.00	Paid	Y
	EMS SUPPLIES	rgallo					12/17/2019
	150-5231-531100	SUPPLIES		859.00			
SURA MATTHEW J							
38347	BATTERY PRODUCTS INC	12/07/2019	12/30/2019	87.68	0.00	Paid	Y
	EMS SUPPLIES- PUMP BATTERIES	rgallo					12/17/2019
	150-5231-531100	SUPPLIES		87.68			
SURA MATTHEW J							
38348	AMZN MKTP US*YD8C75WX3	12/07/2019	12/30/2019	24.13	0.00	Paid	Y
	FIRE EMS SUPPLIES	rgallo					12/17/2019
	150-5222-531100	SUPPLIES		12.07			
	150-5231-531100	SUPPLIES		12.06			
SURA MATTHEW J							
38349	AMZN MKTP US*5A7C01I53	12/07/2019	12/30/2019	1,430.54	0.00	Paid	Y
	FIRE EMS SUPPLIES- SPEAKERS	rgallo					12/17/2019
	150-5222-531100	SUPPLIES		715.27			
	150-5231-531100	SUPPLIES		715.27			
SURA MATTHEW J							
38350	LIFE ASSIST INC	12/09/2019	12/30/2019	535.60	0.00	Paid	Y
	EMS SUPPLIES	rgallo					12/17/2019
	150-5231-531100	SUPPLIES		535.60			
SURA MATTHEW J							
38351	AMZN MKTP US*3A0EU6E03 AM	12/09/2019	12/30/2019	57.88	0.00	Paid	Y
	FIRE EMS SUPPLIES	rgallo					12/17/2019
	150-5222-531100	SUPPLIES		57.88			

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Inv Ref#	Description	Entered By					Post Date
	GL Distribution						
Purchase Card Vendor: 0002 US BANK							
SURA MATTHEW J							
38352	AMZN MKTP US*UF14V3WA3 AM	12/09/2019	12/30/2019	139.69	0.00	Paid	Y
	FIRE EMS SUPPLIES	rgallo					12/17/2019
	150-5231-531100	SUPPLIES		139.69			
SURA MATTHEW J							
38353	AMZN MKTP US*QJ0WB6123	12/10/2019	12/30/2019	25.58	0.00	Paid	Y
	FIRE EMS SUPPLIES	rgallo					12/17/2019
	150-5222-531100	SUPPLIES		12.79			
	150-5231-531100	SUPPLIES		12.79			
SURA MATTHEW J							
38354	AMZN MKTP US*6H5NT5O63	12/15/2019	12/30/2019	49.94	0.00	Paid	Y
	3471 LIGHTS	rgallo					12/17/2019
	150-5222-539500	REPAIRS & MAINTENANCE		49.94			
WEGNER LEE							
38355	MENARDS WAUKESHA WI	12/12/2019	12/30/2019	307.55	0.00	Paid	Y
	DRAIN TILE MINIWAUKAN PARK	rgallo					12/17/2019
	100-5521-531100	SUPPLIES		307.55			
WEIDL JOHN S							
38356	HOTEL DECO XV MONARCH	11/14/2019	12/30/2019	15.16	0.00	Paid	Y
	TRAVEL EXPENSES - OMAHA TRAINING	rgallo					12/17/2019
	100-5670-533500	TRAINING & TRAVEL		15.16			
WEIDL JOHN S							
38357	WILSON AND WASHBURN	11/14/2019	12/30/2019	31.59	0.00	Paid	Y
	TRAVEL EXPENSES - OMAHA TRAINING	rgallo					12/17/2019
	100-5670-533500	TRAINING & TRAVEL		31.59			
WEIDL JOHN S							
38358	DOUBLETREE BY HILTON OMAH	11/14/2019	12/30/2019	7.03	0.00	Paid	Y
	TRAVEL EXPENSES - OMAHA TRAINING	rgallo					12/17/2019
	100-5670-533500	TRAINING & TRAVEL		7.03			
WEIDL JOHN S							
38359	CROSSROADS PIZZA AND	11/15/2019	12/30/2019	90.87	0.00	Paid	Y
	PIZZA FOR DPW & UTILITIES STAFF	rgallo					12/17/2019
	100-5141-531100	SUPPLIES		90.87			

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Inv Ref#	Description	Entered By					Post Date
	GL Distribution						
Purchase Card Vendor: 0002 US BANK							
WEIDL JOHN S							
38360	IOWA 80 TRUCKSTOP	11/15/2019	12/30/2019	23.09	0.00	Paid	Y
	TRAVEL EXPENSES - OMAHA TRAINING	rgallo					12/17/2019
	100-5670-533500	TRAINING & TRAVEL		23.09			
WEIDL JOHN S							
38361	DOUBLETREE HOTELS	11/15/2019	12/30/2019	293.04	0.00	Paid	Y
	TRAVEL EXPENSES - OMAHA TRAINING	rgallo					12/17/2019
	100-5670-533500	TRAINING & TRAVEL		293.04			
WEIDL JOHN S							
38362	8541 ABM PARKING	11/15/2019	12/30/2019	20.00	0.00	Paid	Y
	TRAVEL EXPENSES - OMAHA TRAINING	rgallo					12/17/2019
	100-5670-533500	TRAINING & TRAVEL		20.00			
WEIDL JOHN S							
38363	SQ *ESPRESSO LOVE C	11/18/2019	12/30/2019	4.85	0.00	Paid	Y
	JOHN MCGIVERN	rgallo					12/17/2019
	100-5670-533500	TRAINING & TRAVEL		4.85			
WEIDL JOHN S							
38364	LYNCH CHRYSLER DODGE JEEP	11/19/2019	12/30/2019	40.00	0.00	Paid	Y
	GIFT BASKETS	rgallo					12/17/2019
	100-5670-521900	PROFESSIONAL SERVICES		40.00			
WEIDL JOHN S							
38365	END OF THE LEASH LLC	11/19/2019	12/30/2019	50.00	0.00	Paid	Y
	GIFT CARD - EMP APPRECIATION	rgallo					12/17/2019
	100-5141-539800	EMPLOYEE RECOGNITION		50.00			
WEIDL JOHN S							
38366	SQ *ESPRESSO LOVE C	11/19/2019	12/30/2019	60.00	0.00	Paid	Y
	JOHN MCGIVERN MTG/GIFT CARD - EMP	rgallo					12/17/2019
	100-5670-533500	TRAINING & TRAVEL		60.00			
WEIDL JOHN S							
38367	SQ *POTTERY BY JESS	11/19/2019	12/30/2019	166.12	0.00	Paid	Y
	DECORATIONS - VH/EMP APPRECIATION	rgallo					12/17/2019
	100-5141-521900	PROFESSIONAL SERVICES		166.12			

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BANK CODE: GEN VENDOR CODE: MISCCC - 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						
Purchase Card Vendor: 0002 US BANK							
WEIDL JOHN S							
38368	ELEGANT FARMER	11/19/2019	12/30/2019	70.00	0.00	Paid	Y
	GIFT CARD - EMP APPRECIATION	rgallo					12/17/2019
	100-5141-539800	EMPLOYEE RECOGNITION		70.00			
WEIDL JOHN S							
38369	DAVID ALAN ALAN S SMOKEHO	11/19/2019	12/30/2019	100.00	0.00	Paid	Y
	GIFT CARD - EMP APPRECIATION	rgallo					12/17/2019
	100-5141-539800	EMPLOYEE RECOGNITION		100.00			
WEIDL JOHN S							
38370	FORK IN THE ROAD	11/19/2019	12/30/2019	100.00	0.00	Paid	Y
	GIFT CARD - EMP APPRECIATION	rgallo					12/17/2019
	100-5141-539900	OTHER		100.00			
WEIDL JOHN S							
38371	KWIK TRIP 28200002824	11/19/2019	12/30/2019	80.00	0.00	Paid	Y
	GIFT CARD - EMP APPRECIATION	rgallo					12/17/2019
	100-5141-531100	SUPPLIES		80.00			
WEIDL JOHN S							
38372	TLF*AMERICANA FLOWER STAT	11/19/2019	12/30/2019	40.00	0.00	Paid	Y
	GIFT CARD - EMP APPRECIATION	rgallo					12/17/2019
	100-5141-531100	SUPPLIES		40.00			
WEIDL JOHN S							
38373	TLF*AMERICANA FLOWER STAT	11/19/2019	12/30/2019	126.72	0.00	Paid	Y
	DECORATIONS	rgallo					12/17/2019
	100-5141-531100	SUPPLIES		126.72			
WEIDL JOHN S							
38374	SQ *ESPRESSO LOVE C	11/20/2019	12/30/2019	47.10	0.00	Paid	Y
	JOHN MCGIVERN GIFT BASKET	rgallo					12/17/2019
	100-5141-531100	SUPPLIES		47.10			
WEIDL JOHN S							
38375	FORK IN THE ROAD	11/27/2019	12/30/2019	107.34	0.00	Paid	Y
	STAFF LUNCH	rgallo					12/17/2019
	100-5141-539900	OTHER		107.34			

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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						
Purchase Card Vendor: 0002 US BANK							
WEIDL JOHN S							
38376	E AND S SWEETS	11/27/2019	12/30/2019	44.14	0.00	Paid	Y
	PARADE CANDY	rgallo					12/17/2019
	100-5141-531100	SUPPLIES		44.14			
WEIDL JOHN S							
38377	UWEX REGISTRATION	11/27/2019	12/30/2019	975.00	0.00	Paid	Y
	PROJECT MANAGEMENT TRAINING	rgallo					12/17/2019
	100-5670-533500	TRAINING & TRAVEL		975.00			
WEIDL JOHN S							
38378	UWEX REGISTRATION	11/27/2019	12/30/2019	415.00	0.00	Paid	Y
	CRITICAL CONVERSATIONS TRAINING	rgallo					12/17/2019
	100-5670-533500	TRAINING & TRAVEL		415.00			
WEIDL JOHN S							
38379	HOBBY-LOBBY #257	11/29/2019	12/30/2019	23.15	0.00	Paid	Y
	MIDNIGHT MAGIC DECORATION	rgallo					12/17/2019
	100-5141-531100	SUPPLIES		23.15			
WEIDL JOHN S							
38380	INTERNATION	12/02/2019	12/30/2019	840.00	0.00	Paid	Y
	ICMA MEMBERSHIP RENEWAL 2020	rgallo					12/17/2019
	100-5670-533500	TRAINING & TRAVEL		840.00			
WEIDL JOHN S							
38381	DAVID ALAN ALAN S SMOKEHO	12/02/2019	12/30/2019	510.60	0.00	Paid	Y
	RETIREMENT PARTY	rgallo					12/17/2019
	100-5141-521900	PROFESSIONAL SERVICES		510.60			
WEIDL JOHN S							
38382	SQ *ESPRESSO LOVE C	12/03/2019	12/30/2019	5.50	0.00	Paid	Y
	JOHN MCGIVERN	rgallo					12/17/2019
	100-5670-533500	TRAINING & TRAVEL		5.50			
WEIDL JOHN S							
38383	WAL-MART #1571	12/04/2019	12/30/2019	35.08	0.00	Paid	Y
	RETIREMENT PARTY	rgallo					12/17/2019
	100-5141-531100	SUPPLIES		35.08			

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BANK CODE: GEN VENDOR CODE: MISCCC - 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						
Purchase Card Vendor: 0002 US BANK							
WEIDL JOHN S							
38384	MACHINE SHED PEWAUKEE	12/04/2019	12/30/2019	21.38	0.00	Paid	Y
	WCMA MEETING	rgallo					12/17/2019
	100-5670-533500	TRAINING & TRAVEL		21.38			
WEIDL JOHN S							
38385	TLF*AMERICANA FLOWER STAT	12/05/2019	12/30/2019	21.12	0.00	Paid	Y
	VH DECORATION	rgallo					12/17/2019
	100-5141-531100	SUPPLIES		21.12			
WEIDL JOHN S							
38386	BOLLYWOOD GRILL	12/05/2019	12/30/2019	30.40	0.00	Paid	Y
	MTG: HSA/HDHP BENEFITS	rgallo					12/17/2019
	100-5670-533500	TRAINING & TRAVEL		30.40			
WEIDL JOHN S							
38387	WAL-MART #1571	12/06/2019	12/30/2019	29.98	0.00	Paid	Y
	RETIREMENT PARTY SUPPLIES	rgallo					12/17/2019
	100-5141-531100	SUPPLIES		29.98			
WEIDL JOHN S							
38388	WM SUPERCENTER #1571	12/10/2019	12/30/2019	10.56	0.00	Paid	Y
	VH WATER	rgallo					12/17/2019
	100-5141-531100	SUPPLIES		10.56			
WEIDL JOHN S							
38389	SQ *ESPRESSO LOVE C	12/10/2019	12/30/2019	5.50	0.00	Paid	Y
	MIDNIGHT MAGIC MEETING	rgallo					12/17/2019
	100-5670-533500	TRAINING & TRAVEL		5.50			
WEIDL JOHN S							
38390	AMAZON.COM*Q97T05GT3 AMZN	12/11/2019	12/30/2019	25.05	0.00	Paid	Y
	BOOKS - FEEDBACK/CRUCIAL	rgallo					12/17/2019
	100-5141-531100	SUPPLIES		25.05			
ZIMMERMANN ANGE							
38391	PLA	11/18/2019	12/30/2019	500.00	0.00	Paid	Y
	PLA CONVENTION	rgallo					12/17/2019
	440-5511-533500	TRAINING & TRAVEL		500.00			

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BANK CODE: GEN VENDOR CODE: MISCCC - 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						
Purchase Card Vendor: 0002 US BANK							
ZIMMERMANN ANGE							
38392	MICROSOFT*OFFICE 365 HOME	11/20/2019	12/30/2019	105.09	0.00	Paid	Y
	OFFICE 365	rgallo					12/17/2019
	440-5890-580600	DONATED FUND EXPENDITURES		105.09			
ZIMMERMANN ANGE							
38393	AMZN MKTP US*M66YT8H03	11/20/2019	12/30/2019	5.48	0.00	Paid	Y
	BOOK	rgallo					12/17/2019
	440-5700-532800	BOOKS		5.48			
ZIMMERMANN ANGE							
38394	AMZN MKTP US*PV4VF4QA3	11/21/2019	12/30/2019	5.16	0.00	Paid	Y
	PROTECTION PLAN	rgallo					12/17/2019
	440-5511-531400	META SPACE EQUIPMENT & SUPPLIE		5.16			
ZIMMERMANN ANGE							
38395	AMZN MKTP US*SF8WP9Z43 AM	11/23/2019	12/30/2019	161.31	0.00	Paid	Y
	SCANNER	rgallo					12/17/2019
	440-5511-531400	META SPACE EQUIPMENT & SUPPLIE		161.31			
ZIMMERMANN ANGE							
38396	FMNH - FIELD MUSEUM	11/30/2019	12/30/2019	80.00	0.00	Paid	Y
	VILLAGE CARD USED BY MISTAKE, CASH	rgallo					12/17/2019
	440-5890-580600	DONATED FUND EXPENDITURES		80.00			
ZIMMERMANN ANGE							
38397	WALGREENS #3732	12/06/2019	12/30/2019	78.13	0.00	Paid	Y
	CANDY FOR PARADE	rgallo					12/17/2019
	440-5890-580600	DONATED FUND EXPENDITURES		78.13			
ZIMMERMANN ANGE							
38398	AMZN MKTP US*DC64H77Z3	12/08/2019	12/30/2019	26.94	0.00	Paid	Y
	FILAMENT	rgallo					12/17/2019
	440-5511-531400	META SPACE EQUIPMENT & SUPPLIE		26.94			
ZIMMERMANN ANGE							
38399	ADOBE IL CREATIVE CLD	12/09/2019	12/30/2019	22.06	0.00	Paid	Y
	ILLUSTRATOR	rgallo					12/17/2019
	440-5511-534000	DIGITAL MATERIALS		22.06			

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CREDIT CARD TRANSACTIONS 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						
Purchase Card Vendor: 0002 US BANK							
ZIMMERMANN ANGE							
38400	TECHSOUP	12/10/2019	12/30/2019	27.00	0.00	Paid	Y
	PHOTOSHOP ELEMENTS	rgallo					12/17/2019
	440-5890-580600	DONATED FUND EXPENDITURES		27.00			
ZIMMERMANN ANGE							
38401	AMZN MKTP US*174AQ7D43	12/10/2019	12/30/2019	348.92	0.00	Paid	Y
	OSMO GAMES	rgallo					12/17/2019
	440-5890-580600	DONATED FUND EXPENDITURES		348.92			
ZIMMERMANN ANGE							
38402	CREATIVE CLOUD TEAM	12/11/2019	12/30/2019	84.07	0.00	Paid	Y
	ANNUAL PLAN	rgallo					12/17/2019
	440-5890-580600	DONATED FUND EXPENDITURES		84.07			
ZIMMERMANN ANGE							
38403	PICK N SAVE #388	12/13/2019	12/30/2019	62.01	0.00	Paid	Y
	APL MEETING TREATS	rgallo					12/17/2019
	440-5890-580600	DONATED FUND EXPENDITURES		62.01			
MORGAN TRAVIS							
38419	THE HOME DEPOT 4921	12/02/2019	12/30/2019	375.24	0.00	Paid	Y
	WELL 4 BLDG MAINTENANCE	ddoherty					12/17/2019
	610-6200-662500	MAINTENANCE-PUMPING		375.24			
CASTLE WAYNE A							
38420	CAPITAL RUBBER CORPORA	11/20/2019	12/30/2019	533.42	0.00	Paid	Y
	HOSE FOR WW PLANT	ddoherty					12/17/2019
	620-8010-833000	MAINT-TREATMENT/DISPOSAL PLANT		533.42			
STREIT DANIEL							
38421	AMAZON.COM*T48NQ91E3 AMZN	11/25/2019	12/30/2019	1,995.98	0.00	Paid	Y
	CAPITAL BUDGET - EOC; 2 - 75" TV'S	ddoherty					12/17/2019
	430-5700-571100	POLICE DEPT CAPITAL EQUIP		1,995.98			
Total Purchase Card Vendor: 0002 US BANK				23,747.58	0.00		
# of Invoices:	138	# Due:	0	Totals:	23,863.88	0.00	
# of Credit Memos:	5	# Due:	0	Totals:	(116.30)	0.00	
Net of Invoices and Credit Memos:				23,747.58	0.00		

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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 GL DISTRIBUTION ---

100-5111-531100	SUPPLIES	60.00
100-5141-521900	PROFESSIONAL SERVICES	676.72
100-5141-531100	SUPPLIES	573.77
100-5141-533500	TRAINING & TRAVEL	47.01
100-5141-539800	EMPLOYEE RECOGNITION	342.36
100-5141-539900	OTHER	207.34
100-5142-531100	SUPPLIES	73.29
100-5142-533500	TRAINING & TRAVEL	489.00
100-5211-531100	SUPPLIES	124.04
100-5211-532400	MEMBERSHIP DUES	50.00
100-5211-539900	OTHER	78.65
100-5212-539500	REPAIRS & MAINTENANCE	26.02
100-5241-533500	TRAINING & TRAVEL	395.00
100-5512-522500	TELEPHONE	287.76
100-5521-531100	SUPPLIES	307.55
100-5632-532400	MEMBERSHIP DUES	517.00
100-5670-521900	PROFESSIONAL SERVICES	40.00
100-5670-533500	TRAINING & TRAVEL	2,747.54
150-5221-534600	CLOTHING ALLOWANCE	461.54
150-5222-531100	SUPPLIES	798.01
150-5222-539500	REPAIRS & MAINTENANCE	49.94
150-5231-531100	SUPPLIES	2,362.09
430-5700-571100	POLICE DEPT CAPITAL EQUIP	6,268.86
430-5700-571800	VILLAGE-WIDE CAPITAL BENEFIT	325.00
440-5511-531100	SUPPLIES	205.30
440-5511-531400	META SPACE EQUIPMENT & SUPPLIE	254.14
440-5511-533100	PROGRAMMING	109.96
440-5511-533500	TRAINING & TRAVEL	500.00
440-5511-534000	DIGITAL MATERIALS	220.75
440-5700-532800	BOOKS	17.30
440-5700-532900	AV MATERIAL	1,025.93
440-5890-580600	DONATED FUND EXPENDITURES	1,512.10
610-6200-662500	MAINTENANCE-PUMPING	1,328.81
610-6210-662500	MAINTENANCE-PUMPING	49.50
610-6300-663200	OPERATION SUPPLY/EXP-TREATMENT	7.32
610-6450-664100	OPERATION SUPPLY/EXP-T&D	39.64
610-6454-665400	MAINTENANCE-HYDRANTS	87.68

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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						
	610-6920-692100	OFFICE SUPPLIES & EXPENSES		95.86			
	620-8010-827000	OPERATION SUPPLY/EXPENSE		223.45			
	620-8010-833000	MAINT-TREATMENT/DISPOSAL PLANT		665.50			
	620-8400-851000	OFFICE SUPPLIES & EXPENSES		95.85			

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BANK CODE: GEN VENDOR CODE: MISCCC - 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 FUND ---							
	100 - GENERAL FUND			7,043.05	0.00		
	150 - FIRE/AMBULANCE FUND			3,671.58	0.00		
	430 - CAPITAL EQUIPMENT FUND			6,593.86	0.00		
	440 - LIBRARY FUND			3,845.48	0.00		
	610 - WATER UTILITY FUND			1,608.81	0.00		
	620 - SEWER UTILITY FUND			984.80	0.00		
--- TOTALS BY DEPT/ACTIVITY ---							
	5111 - VILLAGE BOARD			60.00	0.00		
	5141 - VILLAGE ADMINISTRATION/FINA			1,847.20	0.00		
	5142 - CLERK-TREASURER			562.29	0.00		
	5211 - POLICE ADMINISTRATION			252.69	0.00		
	5212 - POLICE PATROL			26.02	0.00		
	5221 - FIRE ADMINISTRATION			461.54	0.00		
	5222 - FIRE SUPPRESSION			847.95	0.00		
	5231 - AMBULANCE			2,362.09	0.00		
	5241 - BUILDING INSPECTOR			395.00	0.00		
	5511 - LIBRARY SERVICES			1,290.15	0.00		
	5512 - MUSEUM			287.76	0.00		
	5521 - PARKS			307.55	0.00		
	5632 - PLANNING DEPARTMENT			517.00	0.00		
	5670 - ECONOMIC DEVELOPMENT			2,787.54	0.00		
	5700 - CAPITAL OUTLAY EXPENDITURES			7,637.09	0.00		
	5890 - USE OF DESIGNATED FUNDS			1,512.10	0.00		
	6200 - PUMPING OPERATIONS			1,328.81	0.00		
	6210 - PUMPING MAINTENANCE			49.50	0.00		
	6300 - WATER TREATMENT OPERATIONS			7.32	0.00		
	6450 - T&D-DISTR RSRVR/STNDP MAINT			39.64	0.00		
	6454 - T&D-HYDRANTS MAINTENANCE			87.68	0.00		
	6920 - ADMINISTRATIVE & GENERAL EX			95.86	0.00		
	8010 - WWTP-TREATMENT/DISPOSAL/GP			888.95	0.00		
	8400 - ADMINISTRATIVE & GENERAL			95.85	0.00		
--- TOTALS BY PAYMENT CARD ACCOUNT ---							
	0307			1,155.85			
	0366			47.01			
	0960			1,506.17			
	1051			283.05			
	2365			1,279.43			
	2380			4,465.37			

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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 ---							
	2544			458.29			
	3064			50.00			
	4325			307.55			
	4366			3.66			
	4746			3,417.97			
	4952			395.00			
	5538			3,313.50			
	6347			611.36			
	6370			253.61			
	6639			533.42			
	7403			106.24			
	7940			1,059.88			
	8371			517.00			
	8378			3,184.07			
	8389			511.39			
	9708			287.76			

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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
20191216 38441	WE ENERGIES 6819-119-729 Hall 100-5160-522200	12/16/2019 rgallo 6819-119-729 Hall	01/02/2020	885.79 885.79	0.00	Paid	Y 12/26/2019
20191216 38442	WE ENERGIES 6819-119-729 Hall Gas 100-5160-522400	12/16/2019 rgallo 6819-119-729 Hall Gas	01/02/2020	234.83 234.83	0.00	Paid	Y 12/26/2019
20191216 38443	WE ENERGIES 0437-358-622 Flashers 100-5211-522200	12/16/2019 rgallo 0437-358-622 Flashers	01/02/2020	9.73 9.73	0.00	Paid	Y 12/26/2019
20191216 38444	WE ENERGIES 5000-725-767 PD Tower meter #05662 100-5211-522200	12/16/2019 rgallo 5000-725-767 PD Tower meter #05662	01/02/2020	45.55 45.55	0.00	Paid	Y 12/26/2019
20191216 38445	WE ENERGIES 8818-483-919 Tower Radio Bldg 100-5211-522200	12/16/2019 rgallo 8818-483-919 Tower Radio Bldg	01/02/2020	20.67 20.67	0.00	Paid	Y 12/26/2019
20191216 38446	WE ENERGIES 7410-051-890 Police 100-5211-522200	12/16/2019 rgallo 7410-051-890 Police	01/02/2020	1,185.19 1,185.19	0.00	Paid	Y 12/26/2019
20191216 38447	WE ENERGIES 8011-380-768 Police Garage 100-5211-522200	12/16/2019 rgallo 8011-380-768 Police Garage	01/02/2020	97.94 97.94	0.00	Paid	Y 12/26/2019
20191216 38448	WE ENERGIES 7879-450-073 Mukw Dam 100-5254-522200	12/16/2019 rgallo 7879-450-073 Mukw Dam	01/02/2020	22.30 22.30	0.00	Paid	Y 12/26/2019
20191216 38449	WE ENERGIES 3893-949-966 DPW Elec 100-5323-522200	12/16/2019 rgallo 3893-949-966 DPW Elec	01/02/2020	457.95 457.95	0.00	Paid	Y 12/26/2019

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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
20191216 38450	WE ENERGIES 3608-115-165 DPW Gas 100-5323-522400	12/16/2019 rgallo	01/02/2020	493.83 493.83	0.00	Paid	Y 12/26/2019
20191216 38451	WE ENERGIES 5001-021-384 Street Lights 100-5342-522200	12/16/2019 rgallo	01/02/2020	10,937.11 10,937.11	0.00	Paid	Y 12/26/2019
20191216 38452	WE ENERGIES 8808-380-714 Street Lights 100-5342-522200	12/16/2019 rgallo	01/02/2020	2,666.37 2,666.37	0.00	Paid	Y 12/26/2019
20191216 38453	WE ENERGIES 1438-746-449 Street Lights 100-5342-522200	12/16/2019 rgallo	01/02/2020	67.58 67.58	0.00	Paid	Y 12/26/2019
20191216 38454	WE ENERGIES 0647-211-550 School Crossing Lights 100-5342-522200	12/16/2019 rgallo	01/02/2020	17.08 17.08	0.00	Paid	Y 12/26/2019
20191216 38455	WE ENERGIES 0659-874-941 Museum 100-5512-522200	12/16/2019 rgallo	01/02/2020	214.81 214.81	0.00	Paid	Y 12/26/2019
20191216 38456	WE ENERGIES 2405-680-633 Andrews St. 100-5521-522200	12/16/2019 rgallo	01/02/2020	103.66 103.66	0.00	Paid	Y 12/26/2019
20191216 38457	WE ENERGIES 8046-699-403 Field Park 100-5521-522200	12/16/2019 rgallo	01/02/2020	119.22 119.22	0.00	Paid	Y 12/26/2019
20191216 38458	WE ENERGIES 8658-233-953 Fld Prk Baseball Lights 100-5521-522200	12/16/2019 rgallo	01/02/2020	21.08 21.08	0.00	Paid	Y 12/26/2019

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20191216 38459	WE ENERGIES 6837-391-587 Parks 100-5521-522200	12/16/2019 rgallo	01/02/2020	24.97 24.97	0.00	Paid	Y 12/26/2019
20191216 38460	WE ENERGIES 5864-823-491 Concession Building 100-5521-522200	12/16/2019 rgallo	01/02/2020	69.85 69.85	0.00	Paid	Y 12/26/2019
20191216 38461	WE ENERGIES 2054-702-968 Parks 100-5521-522200	12/16/2019 rgallo	01/02/2020	0.00 0.00	0.00	Paid	Y 12/26/2019
20191216 38462	WE ENERGIES 3277-621-318 F. Park Sump Pump 100-5521-522200	12/16/2019 rgallo	01/02/2020	15.71 15.71	0.00	Paid	Y 12/26/2019
20191216 38463	WE ENERGIES 1610-585-380 Parks 100-5521-522200	12/16/2019 rgallo	01/02/2020	21.35 21.35	0.00	Paid	Y 12/26/2019
20191216 38464	WE ENERGIES 3051-426-864 Miniwaukan Pavillion 100-5521-522200	12/16/2019 rgallo	01/02/2020	22.55 22.55	0.00	Paid	Y 12/26/2019
20191216 38465	WE ENERGIES 6881-040-700 Miniwauken Park 100-5521-522200	12/16/2019 rgallo	01/02/2020	20.41 20.41	0.00	Paid	Y 12/26/2019
20191216 38466	WE ENERGIES 7698-426-664 Fire 150-5221-522200	12/16/2019 rgallo	01/02/2020	1,464.00 1,464.00	0.00	Paid	Y 12/26/2019
20191216 38467	WE ENERGIES 9248-740-506 Library Elec 440-5511-522200	12/16/2019 rgallo	01/02/2020	2,327.74 2,327.74	0.00	Paid	Y 12/26/2019

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20191216 38468	WE ENERGIES 4843-559-306 Library Gas 440-5511-522400	12/16/2019 rgallo	01/02/2020	1,169.01 1,169.01	0.00	Paid	Y 12/26/2019
20191216 38469	WE ENERGIES 9069-575-087 Well #3 Elec 610-6200-662200	12/16/2019 rgallo	01/02/2020	666.65 666.65	0.00	Paid	Y 12/26/2019
20191216 38470	WE ENERGIES 4400-457-029 Well #3 Gas 610-6200-662200	12/16/2019 rgallo	01/02/2020	50.52 50.52	0.00	Paid	Y 12/26/2019
20191216 38471	WE ENERGIES 2409-366-321 Well #4 Elec 610-6200-662200	12/16/2019 rgallo	01/02/2020	781.82 781.82	0.00	Paid	Y 12/26/2019
20191216 38472	WE ENERGIES 0465-443-270 Well #4 Gas 610-6200-662200	12/16/2019 rgallo	01/02/2020	144.08 144.08	0.00	Paid	Y 12/26/2019
20191216 38473	WE ENERGIES 0801-988-732 Well #5 610-6200-662200	12/16/2019 rgallo	01/02/2020	1,570.43 1,570.43	0.00	Paid	Y 12/26/2019
20191216 38474	WE ENERGIES 4607-813-092 Well #6 610-6200-662200	12/16/2019 rgallo	01/02/2020	796.71 796.71	0.00	Paid	Y 12/26/2019
20191216 38475	WE ENERGIES 3234-559-591 Well #7 610-6200-662200	12/16/2019 rgallo	01/02/2020	1,492.71 1,492.71	0.00	Paid	Y 12/26/2019
20191216 38476	WE ENERGIES 9291-834-028 Greenwald 610-6200-662200	12/16/2019 rgallo	01/02/2020	200.17 200.17	0.00	Paid	Y 12/26/2019

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20191216 38477	WE ENERGIES 8016-691-668 Booster Station 610-6200-662200	12/16/2019 rgallo	01/02/2020	520.36 520.36	0.00	Paid	Y 12/26/2019
20191216 38478	WE ENERGIES 3068-463-180 Tower 610-6200-662200	12/16/2019 rgallo	01/02/2020	32.27 32.27	0.00	Paid	Y 12/26/2019
20191216 38479	WE ENERGIES 7843-678-578 Atkinson Pump 620-8020-821000	12/16/2019 rgallo	01/02/2020	610.36 610.36	0.00	Paid	Y 12/26/2019
20191216 38480	WE ENERGIES 8238-765-652 Fox River View 620-8020-821000	12/16/2019 rgallo	01/02/2020	200.13 200.13	0.00	Paid	Y 12/26/2019
20191216 38481	WE ENERGIES 6478-966-911 1224 Riverton 620-8020-821000	12/16/2019 rgallo	01/02/2020	122.27 122.27	0.00	Paid	Y 12/26/2019
20191216 38482	WE ENERGIES 8051-462-203 1240 N. Rochester 620-8020-821000	12/16/2019 rgallo	01/02/2020	116.33 116.33	0.00	Paid	Y 12/26/2019
20191216 38483	WE ENERGIES 7282-806-809 Holz Elec 620-8010-821100	12/16/2019 rgallo	01/02/2020	8,615.31 8,615.31	0.00	Paid	Y 12/26/2019
20191216 38484	WE ENERGIES 2404-776-809 Holz Gas 620-8010-821200	12/16/2019 rgallo	01/02/2020	64.43 64.43	0.00	Paid	Y 12/26/2019
20191216 38485	WE ENERGIES 9276-498-259 Digester Gas 620-8010-821200	12/16/2019 rgallo	01/02/2020	1,219.87 1,219.87	0.00	Paid	Y 12/26/2019

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Inv Ref#	Description	Entered By					Post Date
	GL Distribution						

20191216							
38486	WE ENERGIES	12/16/2019	01/02/2020	23.64	0.00	Paid	Y
	2008-500-143 Parks-200 S Rochester	rgallo					12/26/2019
	100-5342-522200	2008-500-143 Parks-200 S Rochester		23.64			

# of Invoices:	46	# Due:	0	Totals:	39,964.34	0.00
# of Credit Memos:	0	# Due:	0	Totals:	0.00	0.00

Net of Invoices and Credit Memos:					39,964.34	0.00
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--- TOTALS BY GL DISTRIBUTION ---

100-5160-522200	ELECTRIC	885.79
100-5160-522400	GAS	234.83
100-5211-522200	ELECTRIC	1,359.08
100-5254-522200	ELECTRIC	22.30
100-5323-522200	ELECTRIC	457.95
100-5323-522400	GAS	493.83
100-5342-522200	ELECTRIC	13,711.78
100-5512-522200	ELECTRIC	214.81
100-5521-522200	ELECTRIC	418.80
150-5221-522200	ELECTRIC	1,464.00
440-5511-522200	ELECTRIC	2,327.74
440-5511-522400	GAS	1,169.01
610-6200-662200	FUEL OR POWER PURCHASED	6,255.72
620-8010-821100	WWTP ELECTRIC POWER	8,615.31
620-8010-821200	NAT GAS/ADMIN BLDG/HEAT EXCH	1,284.30
620-8020-821000	PUMPING POWER & FUEL	1,049.09

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Inv Num	Vendor	Inv Date	Due Date	Inv Amt	Amt Due	Status	Jrnlized
Inv Ref#	Description	Entered By					Post Date
GL Distribution							
--- TOTALS BY FUND ---							
	100 - GENERAL FUND			17,799.17	0.00		
	150 - FIRE/AMBULANCE FUND			1,464.00	0.00		
	440 - LIBRARY FUND			3,496.75	0.00		
	610 - WATER UTILITY FUND			6,255.72	0.00		
	620 - SEWER UTILITY FUND			10,948.70	0.00		
--- TOTALS BY DEPT/ACTIVITY ---							
	5160 - VILLAGE HALL			1,120.62	0.00		
	5211 - POLICE ADMINISTRATION			1,359.08	0.00		
	5221 - FIRE ADMINISTRATION			1,464.00	0.00		
	5254 - DAMS			22.30	0.00		
	5323 - GARAGE			951.78	0.00		
	5342 - STREET LIGHTING			13,711.78	0.00		
	5511 - LIBRARY SERVICES			3,496.75	0.00		
	5512 - MUSEUM			214.81	0.00		
	5521 - PARKS			418.80	0.00		
	6200 - PUMPING OPERATIONS			6,255.72	0.00		
	8010 - WWTP-TREATMENT/DISPOSAL/GP			9,899.61	0.00		
	8020 - LIFT STATIONS/PUMPING EQUIP			1,049.09	0.00		

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INVOICE NUMBER	DESCRIPTION	DISTRIBUTIONS\AMOUNTS		APPROVAL AMOUNT	DEPARTMENT
VENDOR NAME: ABT MAILCOM					
35469	TAX BILL PRINTING - WALWORTH	100-5142-531200	112.61	112.61	CLERK
TOTAL VENDOR ABT MAILCOM				112.61	
VENDOR NAME: ADAMS ELECTRIC					
1259	FIRE ALARM SERVICES	100-5160-521900	279.75	279.75	DPW
1259CM	2019 FIRE PANEL SERVICES	100-5160-521900	(279.75)	(279.75)	DPW
TOTAL VENDOR ADAMS ELECTRIC				0.00	
VENDOR NAME: AIR ONE					
151679-PB	JET SIPHON CAP	150-5222-531100	19.75	19.75	FIRE
TOTAL VENDOR AIR ONE				19.75	
VENDOR NAME: AIRGAS USA LLC					
9096134336	EMS SUPPLIES	150-5231-531100	604.48	604.48	FIRE
TOTAL VENDOR AIRGAS USA LLC				604.48	
VENDOR NAME: ALSCO					
IMIL 1516093	VILLAGE HALL WALK OFF MATS	100-5160-521900	37.00	37.00	DPW
IMIL1518500	MATS	100-5211-539400	42.00	42.00	POLICE
TOTAL VENDOR ALSCO				79.00	
VENDOR NAME: ASSOCIATED APPRAISAL CONSULTANT INC					
146150	ASSESSMENT SERVICES JANUARY 2020	100-5153-521900	1,414.20	1,414.20	CLERK
TOTAL VENDOR ASSOCIATED APPRAISAL CONSULTANT INC				1,414.20	
VENDOR NAME: AT & T MOBILITY					
287291370101X12152	(287291370101 MONTHLY AT&T CELLULAR AND	100-5211-522500	195.68	195.68	POLICE
TOTAL VENDOR AT & T MOBILITY				195.68	
VENDOR NAME: AUER STEEL					
30506359	REPLACE VENT MOTOR & FAN WHEEL IN GARAGE	100-5211-539400	409.07	409.07	POLICE
TOTAL VENDOR AUER STEEL				409.07	
VENDOR NAME: BUCHHOLTZ HANNAH					
0000191112-2	HANNAH BUCHHOLTZ	150-5222-534600	50.00	50.00	FIRE
TOTAL VENDOR BUCHHOLTZ HANNAH				50.00	
VENDOR NAME: C & M AUTO PARTS INC					
6079-309361	3461 REPAIR	150-5222-539500	11.52	11.52	FIRE
TOTAL VENDOR C & M AUTO PARTS INC				11.52	
VENDOR NAME: CARL OSTROWSKI					
752-01	PATIENT REFUND - OVERPAYMENT	150-0000-130450	93.92	93.92	FIRE
TOTAL VENDOR CARL OSTROWSKI				93.92	
VENDOR NAME: CENTRAL OFFICE SYSTEMS					
66039441	COPIER LEASE	150-5221-531100	92.00	92.00	FIRE
TOTAL VENDOR CENTRAL OFFICE SYSTEMS				92.00	

INVOICE NUMBER	DESCRIPTION	DISTRIBUTIONS\AMOUNTS		AMOUNT	APPROVAL DEPARTMENT
VENDOR NAME: CERTIFIED LABORATORIES					
3779054	BACTERIA SOAP FOR WWTF	620-8010-827000	358.19	358.19	UTILITIES
TOTAL VENDOR CERTIFIED LABORATORIES				358.19	
VENDOR NAME: CINTAS					
4037373115	STAFF UNIFORMS	100-5323-531100	96.44	96.44	DPW
4037373030	UNIFORM SERVICE	610-6920-693000	39.25	78.50	UTILITIES
		620-8010-827000	39.25		
4037955730	UNIFORM SERVICE	610-6920-693000	39.25	78.50	UTILITIES
		620-8010-827000	39.25		
4037955748	STAFF UNIFORMS	100-5323-531100	97.26	97.26	DPW
TOTAL VENDOR CINTAS				350.70	
VENDOR NAME: CIVIC WEBWARE					
0328-02	2020 ZONING HUB FEE	100-5632-521900	456.00	456.00	PLANNER
TOTAL VENDOR CIVIC WEBWARE				456.00	
VENDOR NAME: DELIKAT CODY					
113-7672478-571783	LOCKOUT FOR LARGE METERS	620-8010-827000	308.02	308.02	UTILITIES
TOTAL VENDOR DELIKAT CODY				308.02	
VENDOR NAME: DIGGERS HOTLINE INC					
191138301	DIGGERS HOTLINE STORM SEWER	100-5344-521900	133.33	133.33	DPW
TOTAL VENDOR DIGGERS HOTLINE INC				133.33	
VENDOR NAME: ELIZABETH WOOD					
13021-01	PATIENT REFUND - OVERPAYMENT	150-0000-130450	105.00	105.00	FIRE
TOTAL VENDOR ELIZABETH WOOD				105.00	
VENDOR NAME: EMERGENCY MEDICAL PRODUCTS					
2121757	EMS SUPPLIES	150-5231-531100	185.44	185.44	FIRE
2121803	EMS SUPPLIES	150-5231-531100	110.72	110.72	FIRE
2123422	EMS SUPPLIES	150-5231-531100	346.74	346.74	FIRE
TOTAL VENDOR EMERGENCY MEDICAL PRODUCTS				642.90	
VENDOR NAME: ENVIRONMENT CONTROL					
12654-613	CLEANING SERVICES	100-5160-521900	597.00	597.00	DPW
TOTAL VENDOR ENVIRONMENT CONTROL				597.00	
VENDOR NAME: FASTENAL COMPANY					
WIMUK80311	WWTF MISC	620-8010-827000	359.12	359.12	UTILITIES
WIMUK80338	WWTF PIPE TAP TOOLS MISC	620-8010-827000	76.58	76.58	UTILITIES
WIMUK80147	LARGE METER REPAIR BOLTS	610-6453-664100	23.00	23.00	UTILITIES
WIMUK80253	BLOWER REPAIR WWTF	620-8010-833000	16.25	16.25	UTILITIES
WIMUK80259	WWTF BLOWER REPAIR	620-8010-833000	7.51	7.51	UTILITIES
WIMUK80265	WWTF BLOWER REPAIRS	620-8010-833000	12.75	12.75	UTILITIES
WIMUK80272	WWTF MISC TOOLS	620-8010-827000	22.78	22.78	UTILITIES

INVOICE NUMBER	DESCRIPTION	DISTRIBUTIONS\AMOUNTS	APPROVAL AMOUNT DEPARTMENT
VENDOR NAME: FASTENAL COMPANY			
	TOTAL VENDOR FASTENAL COMPANY		517.99
VENDOR NAME: FICKAU INC			
79097	INSULATED COVER FOR PRIMARY GEAR DRIVES.	620-8010-833000 1,512.75	1,963.50 UTILITIES
		620-8020-832000 450.75	
TOTAL VENDOR FICKAU INC			1,963.50
VENDOR NAME: GALLS LLC			
014418850	PBT MOUTHPIECE TUBES	100-5212-531100 155.97	155.97 POLICE
014484396	NEW OFFICER RICHARD ROGERS 8 POINT CAP	100-5211-534700 71.38	71.38 POLICE
TOTAL VENDOR GALLS LLC			227.35
VENDOR NAME: HARLEY BOB			
KOHL5 12-15-2019	T-SHIRTS	100-5241-539900 14.00	14.00 BUILDING
TOTAL VENDOR HARLEY BOB			14.00
VENDOR NAME: HAWKINS WATER TREATMENT			
4632782	CHEMICALS FOR WATER TREATMENT	610-6300-663100 1,866.49	1,866.49 UTILITIES
4628927	CHEMICALS FOR WATER TREATMENT	610-6300-663100 492.36	492.36 UTILITIES
TOTAL VENDOR HAWKINS WATER TREATMENT			2,358.85
VENDOR NAME: HIPPENMEYER, REILLY, BLUM,			
48852	FAMILY VENTURES/DEBACK	100-0000-211425 420.00	420.00 FINANCE
48853	915 MAIN	100-0000-211425 70.00	70.00 FINANCE
48854	BOX SELF STORAGE	100-0000-211425 52.50	52.50 FINANCE
48855	PHANTOM LAKE PRESERVE	100-0000-211425 105.00	105.00 FINANCE
48849	MISC MATTERS	100-5130-521900 1,920.00	1,920.00 FINANCE
48850	UTILITIES	610-6920-692300 70.00	140.00 FINANCE
		620-8400-852000 70.00	
48851	ORDINANCE/RESOLUTION	100-5130-521900 52.50	52.50 FINANCE
48856	PROSECUTION	100-5130-521900 930.00	930.00 FINANCE
TOTAL VENDOR HIPPENMEYER, REILLY, BLUM,			3,690.00
VENDOR NAME: HOME DEPOT			
9160494	REPLACEMENT MAILBOX POST	100-5347-531100 38.86	38.86 DPW
8021235	HOLIDAY LIGHTING	100-5522-539500 43.73	43.73 DPW
2160413	PIER MARKERS	100-5521-531100 13.30	13.30 DPW
7160512	REPLACE BROKEN HOSE REEL IN GARAGE	100-5212-539500 104.92	104.92 POLICE
2025175	PIER MARKERS	100-5521-531100 18.76	18.76 DPW
6022568	CATCH BASIN REPAIRS	100-5344-539500 34.41	34.41 DPW
6160620	CATCH BASIN REPAIRS	100-5344-539500 30.94	30.94 DPW
3025030	VH PAINTING SUPPLIES	100-5160-531100 27.46	27.46 DPW
6523086	PARTS FOR REPLACING HOSE REEL IN GARAGE	100-5212-539500 5.00	5.00 POLICE
5090267	REPLACE BROKEN HOSE REEL IN GARAGE	100-5212-539500 15.98	15.98 POLICE
3513897	VH PAINTING SUPPLIES	100-5160-531100 22.98	22.98 DPW
TOTAL VENDOR HOME DEPOT			356.34
VENDOR NAME: HORN FEEDS			
30331	GRASS SEED	100-5521-531100 115.00	115.00 DPW

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VENDOR NAME: HORN FEEDS					
TOTAL VENDOR HORN FEEDS				115.00	
VENDOR NAME: HUMANE ANIMAL WELFARE					
JAN 31 2020	2020 BILL FOR SERVICE CONTRACT	100-5431-521900	2,420.00	2,420.00	CLERK
TOTAL VENDOR HUMANE ANIMAL WELFARE				2,420.00	
VENDOR NAME: INFINITY DEVELOPMENT LLC					
REFUND BALANCE	BD BOND REFUND	100-0000-211425	1,513.70	1,513.70	CLERK
TOTAL VENDOR INFINITY DEVELOPMENT LLC				1,513.70	
VENDOR NAME: JCH WATER METER TESTING					
22003	LARGE METER TESTING	610-6453-665300	7,525.00	7,525.00	UTILITIES
TOTAL VENDOR JCH WATER METER TESTING				7,525.00	
VENDOR NAME: JEFFERSON FIRE & SAFETY					
IN113464	GEAR SUSPENDERS	150-5222-539500	132.63	132.63	FIRE
PB000244	ELECTRIC FAN PPV	150-5700-571400	3,893.00	3,893.00	FIRE
TOTAL VENDOR JEFFERSON FIRE & SAFETY				4,025.63	
VENDOR NAME: JOHNS DISPOSAL SVC. INC.					
379446	DECEMBER WASTE DIPOSAL	410-5362-531000	23,004.00	43,223.76	DPW
		410-5363-522000	19,067.76		
		100-5345-539000	1,152.00		
TOTAL VENDOR JOHNS DISPOSAL SVC. INC.				43,223.76	
VENDOR NAME: KARL JAMES & COMPANY LLC					
MUK00202000005	PROPERTY TAX ICON ADDED TO WEB SITE	100-5142-521900	600.00	600.00	CLERK
MUK0020200001	ANNUAL WEBSITE MAINTENANCE - VILLAGE/DOW	100-5141-521900	1,600.00	4,800.00	ADMIN
		100-5670-521900	1,600.00		
		100-5670-521500	1,600.00		
TOTAL VENDOR KARL JAMES & COMPANY LLC				5,400.00	
VENDOR NAME: KILPIN MAX					
105005318	KILPIN CLOTHING	150-5222-534600	50.00	50.00	FIRE
TOTAL VENDOR KILPIN MAX				50.00	
VENDOR NAME: LEAGUE OF WI MUNICIPALITIES					
01/01/20 - 12/31/20	LWM MEMBERSHIP DUES 2020	100-5111-532400	3,072.47	3,072.47	CLERK
TOTAL VENDOR LEAGUE OF WI MUNICIPALITIES				3,072.47	
VENDOR NAME: MICHAEL DOUD JR					
111-1390588-153221	(DOUD CLOTHING ALLOWANCE	150-5222-534600	50.00	50.00	FIRE
TOTAL VENDOR MICHAEL DOUD JR				50.00	
VENDOR NAME: MID-STATES ORGANIZED CRIME					
93065-2814	MOCIC 2020 DUES FOR DEPARTMENT	100-5213-532400	150.00	150.00	POLICE

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INVOICE NUMBER	DESCRIPTION	DISTRIBUTIONS\AMOUNTS		APPROVAL AMOUNT	DEPARTMENT
VENDOR NAME: MID-STATES ORGANIZED CRIME					
	TOTAL VENDOR MID-STATES ORGANIZED CRIME			150.00	
VENDOR NAME: MUSKEGO/CITY OF					
SEPT 2019	SEPTEMBER BOTS	100-4300-435500	313.32	313.32	POLICE
	TOTAL VENDOR MUSKEGO/CITY OF			313.32	
VENDOR NAME: NORTHERN LAKE SERVICE INC					
370462	WWTF LAB TESTING	620-8010-826000	336.00	336.00	UTILITIES
370463	WWTF LAB TESTING	620-8010-826000	246.00	246.00	UTILITIES
370551	WWTF LAB TESTING	620-8010-826000	324.00	324.00	UTILITIES
370076	WWTF LAB TESTING	620-8010-826000	252.00	252.00	UTILITIES
	TOTAL VENDOR NORTHERN LAKE SERVICE INC			1,158.00	
VENDOR NAME: PARKING LOT MAINTENANCE, INC					
12-10123.200	PMNT-PARKING LOT RESURFACING	480-5700-539900	159,448.11	159,448.11	FINANCE
	TOTAL VENDOR PARKING LOT MAINTENANCE, INC			159,448.11	
VENDOR NAME: PRAXAIR DISTRIBUTION INC					
93850275	OXYGEN, ACETYLENE TANK LEASE	620-8010-827000	30.45	30.45	UTILITIES
	TOTAL VENDOR PRAXAIR DISTRIBUTION INC			30.45	
VENDOR NAME: PROPHOENIX CORPORATION					
2020042	2020 PROPHOENIX, NETMOTION; PARKING, LIV	100-5211-521900	16,789.06	16,789.06	POLICE
2020041	2020 ANNUAL MAINTENANCE	150-5231-521900	187.50	375.00	FIRE
		150-5221-521900	187.50		
	TOTAL VENDOR PROPHOENIX CORPORATION			17,164.06	
VENDOR NAME: PROTANIC INC					
60421	UNDERGROUND FERROUS TANK INSPECTION	620-8010-824000	550.00	550.00	UTILITIES
	TOTAL VENDOR PROTANIC INC			550.00	
VENDOR NAME: RICOH USA, INC					
32818293	LEASE PAYMENT 1/1/20 TO 1/31/20	100-5142-531200	23.88	170.61	CLERK
		150-5221-531100	22.18		
		220-5140-531200	1.71		
		410-5363-531200	3.41		
		440-5511-531200	8.53		
		500-5344-531200	1.71		
		610-6920-693000	56.30		
		620-8400-856000	52.89		
	TOTAL VENDOR RICOH USA, INC			170.61	
VENDOR NAME: ROTARY CLUB OF MUKWONAGO					
MCGIVERN SPONSORSH	ROTARY CLUB OF MUKWONAGO - JOHN MCGIVERN	100-5670-521900	1,000.00	1,000.00	ADMIN
	TOTAL VENDOR ROTARY CLUB OF MUKWONAGO			1,000.00	
VENDOR NAME: RUEKERT & MIELKE, INC.					
130092	BOX SELF STORAGE / CONSTRUCTION REVIEW	100-0000-211425	21,848.35	21,848.35	FINANCE

INVOICE NUMBER	DESCRIPTION	DISTRIBUTIONS\AMOUNTS	AMOUNT	APPROVAL DEPARTMENT
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VENDOR NAME: RUEKERT & MIELKE, INC.

130093	EDGEWOOD APARTMENTS / REVIEW	100-0000-211425	985.55	985.55	FINANCE
130095	MASD HIGH SCHOOL EXPANSION / MUKWONAGO H	100-0000-211425	394.50	394.50	FINANCE
130098	CHAPMAN FARMS PORTION OF VILLAGE 6-ACRE	100-0000-211425	537.55	537.55	FINANCE
130099	CHAPMAN FARMS PORTION OF VILLAGE 6-ACRE	100-0000-211425	58.35	58.35	FINANCE
130102	STORAGE WERKS MINI STORAGE / EROSION CON	100-0000-211425	116.41	116.41	FINANCE
130104	SUPER PRODUCTS DEVELOPMENT REVIEW / EROS	100-0000-211425	116.41	116.41	FINANCE
130105	KAY'S DANCE CENTER / DEVELOPMENT REVIEW	100-0000-211425	414.73	414.73	FINANCE
130109	TOUCHPAD ELECTRONICS / EROSION CONTROL I	100-0000-211425	116.41	116.41	FINANCE
130110	PHANTOM LAKES PRESERVE / DEVELOPMENT REV	100-0000-211425	992.75	992.75	FINANCE
130114	FOX STREET TOWNHOMES / EROSION CONTROL I	100-0000-211425	267.08	267.08	FINANCE
130115	210 MCDIVITT LANE EXPANSION REVIEW / DEV	100-0000-211425	136.75	136.75	FINANCE
130117	FAIRWINDS PHASE 5 CONSTRUCTION SERVICES	100-0000-211425	114.38	114.38	FINANCE
130118	CHAPMAN FARM / RESIDENTIAL SUBDIVISION D	100-0000-211425	112.00	112.00	FINANCE
130121	PRO HEALTH EXPANSION / 2018 EXPANSION	100-0000-211425	170.38	170.38	FINANCE
130089	12-00000.100 General Services	100-5335-521900	4,586.98	5,566.98	FINANCE
		200-5335-521900	980.00		

130090	12-00000.300 Water Utility Services	610-6920-692300	2,162.90	2,162.90	FINANCE
130091	12-00000.400 Sewer Utility Services	620-8400-852000	2,475.00	2,475.00	FINANCE
130094	12-10061.300 Boat Launch Improvements /	480-5700-586400	367.23	367.23	FINANCE
130097	12-10069.100 Chapman Farms Portion of Vi	100-0000-211400	336.00	336.00	FINANCE
130100	12-10075.300 WWTF Septage Receiving, Dig	620-0000-000110	1,128.26	1,128.26	FINANCE
130101	12-10081.300 Well 5 Iron Filter / Constr	610-0000-000109	7,135.15	7,135.15	FINANCE
130106	12-10112.200 Pavement Rehabilitation Pro	480-5700-539900	227.00	227.00	FINANCE
130107	12-10115.200 2019 Well & Well Pump Impro	610-6920-692300	2,032.93	2,032.93	FINANCE
130108	12-10015.300 2019 Well & Well Pump Impro	610-6920-692300	1,628.76	1,628.76	FINANCE
130111	12-10122.300 Village Hall Generator Addi	480-5700-539900	2,195.31	2,195.31	FINANCE
130113	12-10123.300 2019 Street Rehabilitation	480-5700-584000	5,336.92	5,336.92	FINANCE
130116	12-92041.485 2019 SCADA Service Work	610-6920-692300	43.50	87.00	FINANCE
		620-8400-852000	43.50		

130119	12-92136.203 Chapman Farms / Special Ass	200-5335-521900	5,891.75	5,891.75	FINANCE
130120	12-92171.107 NR216 Storm Water Report /	100-5660-521900	1,138.00	1,138.00	FINANCE
130059	ENGINEERING	610-6920-692300	6,150.00	10,150.00	UTILITIES
		620-8400-852000	4,000.00		

TOTAL VENDOR RUEKERT & MIELKE, INC.

74,240.79

VENDOR NAME: SCAN GROUP

196938	INSPECTION REPORT FORMS	100-5241-531200	462.00	462.00	BUILDING
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TOTAL VENDOR SCAN GROUP

462.00

VENDOR NAME: SHRED-IT USA

8128792707	SHREDDING SERVICES	100-5144-521900	63.52	63.52	CLERK
8128843816	MONTHLY SHREDDING SERVICE	100-5211-539400	65.25	65.25	POLICE

TOTAL VENDOR SHRED-IT USA

128.77

VENDOR NAME: STRYKER SALES CORP

2875819M	LOAD SYSTEM REPAIR	150-5231-539500	372.98	372.98	FIRE
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TOTAL VENDOR STRYKER SALES CORP

372.98

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VENDOR NAME: TERMINAL ANDRAE INC.					
47595	REPLACE WELL 3 HEATERS	610-6200-662500	3,850.00	3,850.00	UTILITIES
47596	ADD BREAKERS AND CONDUIT WIRE	610-6210-662500	3,270.00	3,270.00	UTILITIES
TOTAL VENDOR TERMINAL ANDRAE INC.				7,120.00	
VENDOR NAME: TIPTON TRACY					
6009447900	DISPATCHER/CLERK TIPTON 2019 UNIFORM ALL	100-5211-534600	125.19	125.19	POLICE
TOTAL VENDOR TIPTON TRACY				125.19	
VENDOR NAME: TITAN PUBLIC SAFETY SOLUTIONS					
4860	TIPPS PARKING/PARKING TAX INTERCEPT/TIPS	100-5211-521900	1,680.00	1,680.00	POLICE
TOTAL VENDOR TITAN PUBLIC SAFETY SOLUTIONS				1,680.00	
VENDOR NAME: TRILOGY CONSULTING LLC					
968	PARK IMPACT FEE STUDY	100-5521-531100	742.50	742.50	DPW
967	OUTSIDE SERVICES ACCT. SEPTAGE HAUPER RA	610-6920-692300	27.50	27.50	UTILITIES
TOTAL VENDOR TRILOGY CONSULTING LLC				770.00	
VENDOR NAME: UNITED LIQUID WASTE RECYCLING INC					
26525	SLUDGE HAULING	620-8010-825500	235.00	235.00	UTILITIES
TOTAL VENDOR UNITED LIQUID WASTE RECYCLING INC				235.00	
VENDOR NAME: UNTI DAVID					
37333	DAVID UNTI	150-5222-534600	50.00	50.00	FIRE
TOTAL VENDOR UNTI DAVID				50.00	
VENDOR NAME: USA BLUEBOOK					
095269	WWTF LAB SUPPLIES	620-8010-826000	259.61	259.61	UTILITIES
TOTAL VENDOR USA BLUEBOOK				259.61	
VENDOR NAME: VELOCITY LLC					
20190061	COMPUTER SERVICE	620-8400-852000	750.00	750.00	UTILITIES
20190058	IT SERVICES DEC 2019	430-5700-571100	975.00	2,137.50	FINANCE
		430-5700-571800	900.00		
		100-5111-521900	75.00		
		100-5142-521900	187.50		
TOTAL VENDOR VELOCITY LLC				3,262.50	
VENDOR NAME: VERIZON WIRELESS					
9844164526	MONTHLY BILL 885503900-00002	150-5221-522500	20.65	275.46	MULTIPLE
		100-5323-522500	20.65		
		610-6920-692100	117.08		
		620-8400-851000	117.08		
TOTAL VENDOR VERIZON WIRELESS				422.27	
9844164527	VERIZON BILL	150-5221-522500	302.22	302.22	FIRE

INVOICE NUMBER	DESCRIPTION	DISTRIBUTIONS\AMOUNTS		APPROVAL AMOUNT DEPARTMENT
VENDOR NAME: VERIZON WIRELESS				
9844164525	MONTHLY BILL	100-5141-522500	138.02	683.45 MULTIPLE
		100-5241-522500	93.89	
		150-5221-522500	7.33	
		100-5211-522500	2.09	
		100-5323-522500	141.42	
		610-6920-692100	150.35	
		620-8400-851000	150.35	
TOTAL VENDOR VERIZON WIRELESS			1,261.13	
VENDOR NAME: VETERANS MFG				
19-00522	REPLACE VEST PLATES FOR SCIT OFFICER BUL	100-5212-539500	732.36	732.36 POLICE
TOTAL VENDOR VETERANS MFG			732.36	
VENDOR NAME: VILLAGE OF ELM GROVE				
RESCUE VEHICLE 2019	DONATED FUNDS FOR THE RESCUE VEHICLE	340-5890-580600	1,500.00	1,500.00 POLICE
TOTAL VENDOR VILLAGE OF ELM GROVE			1,500.00	
VENDOR NAME: VILLAGE OF MUKWONAGO				
4THQTR19	4TH QUARTER 2019 UTILITY BILLS	100-5521-522100	202.36	8,590.28 ALLOCATE
		610-6300-663200	107.13	
		100-5521-522100	96.70	
		100-5160-522100	564.47	
		610-6300-663200	181.50	
		150-5221-522100	822.16	
		610-6300-663200	181.50	
		100-5521-522100	429.90	
		440-5511-522100	719.89	
		100-5512-522100	148.85	
		100-5521-522100	191.93	
		610-6300-663200	233.65	
		100-5323-522100	929.33	
		100-5211-522100	606.19	
		100-5521-522100	117.56	
		620-8010-827000	3,057.16	
TOTAL VENDOR VILLAGE OF MUKWONAGO			8,590.28	
VENDOR NAME: WALWORTH CTY SECURITY ALARMS LLC				
13257	FIRE PANEL MONITORING	100-5160-521900	420.00	420.00 DPW
TOTAL VENDOR WALWORTH CTY SECURITY ALARMS LLC			420.00	
VENDOR NAME: WAUKESHA CITY OF				
2020007	CWFD RESCUE FEE	150-5221-521900	3,038.00	3,038.00 FIRE
TOTAL VENDOR WAUKESHA CITY OF			3,038.00	
VENDOR NAME: WAUKESHA COUNTY POLICE CHIEFS				
2020 DUES	2020 WAUKESHA COUNTY CHIEF'S ASSOCIATION	100-5211-532400	75.00	75.00 POLICE
TOTAL VENDOR WAUKESHA COUNTY POLICE CHIEFS			75.00	

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INVOICE				APPROVAL	
NUMBER	DESCRIPTION	DISTRIBUTIONS\AMOUNTS		AMOUNT	DEPARTMENT
VENDOR NAME: WI LAW ENFORCEMENT					
2020 DUES	21020 WILEAG DUES	100-5211-532400	350.00	350.00	POLICE
TOTAL VENDOR WI LAW ENFORCEMENT				350.00	
VENDOR NAME: WI STATE FIRE CHIEFS					
MR-2019-0057	2020 DUES	150-5221-532400	95.00	95.00	FIRE
TOTAL VENDOR WI STATE FIRE CHIEFS				95.00	
VENDOR NAME: WISCONSIN IMAGING SOLUTIONS LLC					
AR40342	COPIER	620-8400-851000	38.99	38.99	UTILITIES
AR40446	MONTHLY COPY MACHINE USAGE (3703 B&W; 27100-5211-521900		59.30	59.30	POLICE
TOTAL VENDOR WISCONSIN IMAGING SOLUTIONS LLC				98.29	
GRAND TOTAL:				367,408.41	

Check Date	Bank	Check #	Payee	Description	GL #	Amount
12/11/2019	GEN	82 (E)	VILLAGE OF MUKWONAGO	NOVEMBER PLANNER EXPENSES	100-0000-211425	26.09
			TOTAL - ALL FUNDS	TOTAL OF 1 CHECKS		26.09

AGENDA ITEM REQUEST FORM

Committee/Board:	Village Board
Topic:	Motion to approve and authorize the Village President to sign the WE Energies lighting agreement for the River Park Estates LED street light conversion.
From:	Diana Dykstra
Department:	Public Works
Presenter:	Ron Bittner
Date of Committee Action (if required)	1/8/20
Date of Village Board Action (if required)	1/15/20

Information

Subject:

Motion to approve and authorize the Village President to sign the WE Energies lighting agreement for the River Park Estates LED street light conversion.

Background Information/Rationale:

As costs continue to increase with development, LED conversions along with the Village LED standard for new lighting, provides another avenue in reducing the long term costs associated with street lighting. The Public Works Department budgeted for a LED street light conversion program in 2020 on WE Energies lighting. River Park Estates was selected based on the number of lights to coincide with the budgeted amount.

Key Issues for Consideration:

We are requesting a recommendation to the Village Board to authorize the Village President to sign the WE Energies lighting agreement for the River Park Estates LED street light conversion.

Fiscal Impact (if any):

\$6,600 in installation charges and the initial monthly charges increasing by \$42.79 based on current energy prices. The overall saving will come after the 84 month facility charge when the monthly rates will be reduced to \$7.77, a decrease of approximately 48%. The long term saving based on today's rates would reflect a savings of \$39,700.32 over the next 20 years on the 44 lights as outlined on page two of the conversion sheet. WE Energies provides all maintenance for the street lighting under their agreement.

Requested Action by Committee/Board:

Attachments

Authorization Cover Letter WI River Park Estates Mukwonago.pdf

ROL CONV INFO MUKWONAGO RIVER ESTATES.pdf

wi_lightingrates RPE.pdf

RPE.pdf

WE Energies Email.pdf



We Energies
231 W. Michigan St.
Milwaukee, WI 53203
www.we-energies.com

December 19, 2019

Ron Bittner
Village of Mukwonago
630 East Veterans Way
Mukwonago, WI
53149

Subject: Work Request 4473120; Lighting at River Park Estates in Mukwonago Streets

Dear Mr. Bittner:

This letter details a work request for We Energies Outdoor Lighting. The upfront charge for this work, which expires 90 days from the date of this letter, is \$6,600.00, and does not include site restoration. Net monthly charges will initially increase by \$42.79, which is subject to future rate changes as approved by the Public Service Commission of Wisconsin.

Review the following prior to providing authorization and payment:

- Luminaires are controlled to provide dusk to dawn operation.
- Customer must contact We Energies for lighting maintenance.
- Fixtures are warranted until removed.
- Non-Standard poles and conductors are warranted for 15 years.
- Customer must locate private underground facilities and grant or obtain, without expense to We Energies, access to property, necessary permissions, easements, ordinance satisfaction and permits for installation, removal and maintenance of lighting facilities.
- Termination or change requests after installation and prior to conclusion of the initial term result in customer charges. Monthly rates for fixtures on the LED rate are reduced after the initial term.
- All applicable lighting tariff terms and conditions are available at we-energies.com.
- We Energies does not guarantee this installation meets AASHTO or the Illuminating Engineering Society's minimum recommended standards for lighting.

Please sign the enclosed documents and return them, along with payment for the upfront charge (payable to We Energies) in the envelope provided. Material will be ordered upon receipt of required authorizations and payment. Work request will be scheduled when all contingencies are met. If you have any questions, please call me at #414-221-4454. We look forward to working with you on your lighting project.

Sincerely,

Andrea Hatton

By signing this letter, you authorize us to do this work and acknowledge acceptance of the rates and conditions of the specified tariffs as approved by the Public Service Commission of Wisconsin.

Signature: _____

Date: _____

Print name: _____

Title: _____

Enclosures

RIVER PARK ESTATES - VILLAGE OF MUKWONAGO
WE ENERGIES STREET LIGHTS

Rate Code	POLE #	Pole Material	Wattage	LAMP	FIXTURE	Pole Location	Current Monthly	LED Conversion Fixture	LED Upfront Cost	Monthly < 84	Monthly > 84
MS-3 WI	01-08079	Wood	100	HPS	Cobra-FCO	CUL DU SAC AT RAINBOW CT	\$13.52	Oval Low	\$150.00	\$15.05	\$7.77
MS-3 WI	74-3251	Wood	100	HPS	Cobra-FCO	NW COR WESTERN TRAIL & RIVER PARK CIR	\$13.52	Oval Low	\$150.00	\$15.05	\$7.77
MS-3 WI	74-3198	Wood	100	HPS	Cobra-FCO	WS WESTERN TRAIL 250' S OF CHURCHWAY	\$13.52	Oval Low	\$150.00	\$15.05	\$7.77
MS-3 WI	78-0283	Wood	150	HPS	Cobra-SCO	WS EASTERN TRAIL 450' N OF RIVER PARK CIR E	\$15.75	Oval Low	\$150.00	\$15.05	\$7.77
MS-3 WI	62-3781	Wood	100	HPS	Cobra-FCO	ES RIVER PARK CIR W & WESTERN TRAIL	\$13.52	Oval Low	\$150.00	\$15.05	\$7.77
MS-3 WI	02-14642	Wood	100	HPS	Cobra-FCO	[74-3200] WS RIVER PARK CIR W 200' N OF RIVERTON DR	\$13.52	Oval Low	\$150.00	\$15.05	\$7.77
MS-3 WI	54-6258	Wood	100	HPS	Cobra-FCO	DEAD END CROWN CT 200' N OF RIVER PARK CIR W	\$13.52	Oval Low	\$150.00	\$15.05	\$7.77
MS-3 WI	74-3252	Wood	100	HPS	Cobra-FCO	SW COR SUNDOWN CT & RIVER PARK CIR	\$13.52	Oval Low	\$150.00	\$15.05	\$7.77
MS-3 WI	78-10902	Wood	150	HPS	Cobra-FCO	NS RIVER PARK CIR E 225' E OF RAINBOW CT	\$15.75	Oval Low	\$150.00	\$15.05	\$7.77
MS-3 WI	78-0300	Wood	150	HPS	Cobra-FCO	WS RAINBOW CT 300' N OF RIVER PARK CIR	\$15.75	Oval Low	\$150.00	\$15.05	\$7.77
MS-3 WI	75-2621	Wood	100	HPS	Cobra-SCO	SS RIVERTON DR 175' W OF SUMMIT CT	\$13.52	Oval Low	\$150.00	\$15.05	\$7.77
MS-3 WI	63-4081	Wood	100	HPS	Cobra-FCO	ES RIVER PARK CIR W 250' N OF ST JAMES ST	\$13.52	Oval Low	\$150.00	\$15.05	\$7.77
MS-3 WI	74-3199	Wood	100	HPS	Cobra-FCO	ES WESTERN TRAIL 300' N OF CHURCHWAY	\$13.52	Oval Low	\$150.00	\$15.05	\$7.77
MS-3 WI	58-5650	Wood	100	HPS	Cobra-FCO	WS WESTERN TRAIL 250' S OF RIVER PARK CIR W	\$13.52	Oval Low	\$150.00	\$15.05	\$7.77
MS-3 WI	78-0298	Wood	150	HPS	Cobra-FCO	WS RAINBOW CT 350' S OF RIVERTON DR	\$15.75	Oval Low	\$150.00	\$15.05	\$7.77
MS-3 WI	63-5540	Wood	100	HPS	Cobra-FCO	NW COR RIVER PARK CIR W & ST JAMES ST	\$13.52	Oval Low	\$150.00	\$15.05	\$7.77
MS-3 WI	78-02900	Wood	150	HPS	Cobra-FCO	ES EASTERN TRAIL 400' S OF RIVERTON DR	\$15.75	Oval Low	\$150.00	\$15.05	\$7.77
MS-3 WI	78-0289	Wood	150	HPS	Cobra-FCO	WS EASTERN TRAIL 700' S OF RIVERTON DR	\$15.75	Oval Low	\$150.00	\$15.05	\$7.77
MS-3 WI	75-2622	Wood	100	HPS	Cobra-FCO	NE COR RIVERTON DR & SUMMIT CT	\$13.52	Oval Low	\$150.00	\$15.05	\$7.77
MS-3 WI	78-0299	Wood	150	HPS	Cobra-FCO	ES RAINBOW CT 750' S OF RIVERTON DR	\$15.75	Oval Low	\$150.00	\$15.05	\$7.77
MS-3 WI	91-05715	Wood	100	HPS	Cobra-FCO	NS OF RIVERTON DR 360' E OF SUMMIT CT	\$13.52	Oval Low	\$150.00	\$15.05	\$7.77
MS-3 WI	01-08079	Wood	100	HPS	Cobra-FCO	NE COR OF RIVERTON DRIVE RIVER PARK CIRCLE(75-2626)	\$13.52	Oval Low	\$150.00	\$15.05	\$7.77
MS-3 WI	78-0282	Wood	150	HPS	Cobra-FCO	NE COR RIVER PARK CIR E & EASTERN TRAIL	\$15.75	Oval Low	\$150.00	\$15.05	\$7.77
MS-3 WI	91-05713	Wood	100	HPS	Cobra-FCO	NS OF RIVERTON DR 650' E OF PARK RIVER CIR E	\$13.52	Oval Low	\$150.00	\$15.05	\$7.77
MS-3 WI	74-3274	Wood	100	HPS	Cobra-FCO	WS RIVER PARK CIR W 200' S OF RIVERTON DR	\$13.52	Oval Low	\$150.00	\$15.05	\$7.77
MS-3 WI	63-4084	Wood	100	HPS	Cobra-FCO	[TEMP 3936] ES RIVERTON DR 250' N OF RIVER PARK CIR W (1118 RIVERTON DR)	\$13.52	Oval Low	\$150.00	\$15.05	\$7.77
MS-3 WI	74-3238	Wood	100	HPS	Cobra-SCO	DEAD END SUNDOWN CT 300' W OF RIVER PARK CIR W	\$13.52	Oval Low	\$150.00	\$15.05	\$7.77
MS-3 WI	91-05710	Wood	100	HPS	Cobra-FCO	SE COR OF RIVER PARK CIR E + RIVERTON DR	\$13.52	Oval Low	\$150.00	\$15.05	\$7.77
MS-3 WI	78-0297	Wood	150	HPS	Cobra-FCO	NW COR RIVERTON DR & EASTERN TRAIL	\$15.75	Oval Low	\$150.00	\$15.05	\$7.77
MS-3 WI	74-3272	Wood	100	HPS	Cobra-FCO	WS RIVER PARK CIR W & RIVERTON DR	\$13.52	Oval Low	\$150.00	\$15.05	\$7.77
MS-3 WI	10-08392	Wood	100	HPS	Cobra-FCO	[74-3273] DEADEND CHURCHWAY 150' E OF WESTERN TRAIL	\$13.52	Oval Low	\$150.00	\$15.05	\$7.77
MS-3 WI	91-05714	Wood	100	HPS	Cobra-FCO	NS OF RIVERTON RD 500' E OF SUMMIT CT	\$13.52	Oval Low	\$150.00	\$15.05	\$7.77
MS-3 WI	63-4083	Wood	100	HPS	Cobra-FCO	1127 RIVERTON DRIVE	\$13.52	Oval Low	\$150.00	\$15.05	\$7.77
MS-3 WI	91-05709	Wood	100	HPS	Cobra-FCO	WS OF PARK CIR E 300' N OF DAHMS DR	\$13.52	Oval Low	\$150.00	\$15.05	\$7.77
MS-3 WI	74-3275	Wood	100	HPS	Cobra-FCO	WS WESTERN TRAIL 550' N OF CHURCHWAY	\$13.52	Oval Low	\$150.00	\$15.05	\$7.77
MS-3 WI	91-05711	Wood	100	HPS	Cobra-FCO	NS OF RIVER PARK CIR W 360' W OF RIVERTON DR	\$13.52	Oval Low	\$150.00	\$15.05	\$7.77
MS-3 WI	76-0296	Wood	150	HPS	Cobra-FCO	[78-0296] DEAD END EASTERN TRAIL 200' N OF RIVERTON DR	\$15.75	Oval Low	\$150.00	\$15.05	\$7.77
MS-3 WI	91-05712	Wood	100	HPS	Cobra-FCO	ES OF RIVERTON DR 370' E OF RIVER PARK CIR E	\$13.52	Oval Low	\$150.00	\$15.05	\$7.77
MS-3 WI	75-2629	Wood	100	HPS	Cobra-FCO	SE COR RIVERTON DR & RAINBOW CT	\$13.52	Oval Low	\$150.00	\$15.05	\$7.77
MS-3 WI	74-7088	Wood	100	HPS	Cobra-FCO	NW COR WESTERN TRAIL & CHURCHWAY	\$13.52	Oval Low	\$150.00	\$15.05	\$7.77

RIVER PARK ESTATES - VILLAGE OF MUKWONAGO
WE ENERGIES STREET LIGHTS

Rate Code	POLE #	Pole Material	Wattage	LAMP	FIXTURE	Pole Location	Current Monthly	LED Conversion Fixture	LED Upfront Cost	Monthly < 84	Monthly > 84
MS-3 WI	75-2630	Wood	100	HPS	Cobra-FCO	DEAD END SUMMIT CT 350' N OF RIVERTON DR	\$13.52	Oval Low	\$150.00	\$15.05	\$7.77
MS-3 WI	91-05707	Wood	100	HPS	Cobra-FCO	180' E OF EASTERN TRL SS OF RIVER PARK CIR E	\$13.52	Oval Low	\$150.00	\$15.05	\$7.77
MS-3 WI	78-10901	Wood	150	HPS	Cobra-FCO	NW COR RIVER PARK CIR E & RAINBOW CT	\$15.75	Oval Low	\$150.00	\$15.05	\$7.77
MS-3 WI	91-05708	Wood	100	HPS	Cobra-FCO	SE COR OF DAHMS DR + RIVER PARK CIR E	\$13.52	Oval Low	\$150.00	\$15.05	\$7.77
							\$619.41		\$6,600.00	\$662.20	\$341.88

Fixture Count 44

	Monthly	7 Years	10 Years	15 Years	20 Years
Current	\$619.41	\$52,030.44	\$74,329.20	\$111,493.80	\$148,658.40
Proposed	\$662.20	\$55,624.80	\$67,932.48	\$88,445.28	\$108,958.08

Savings (\$42.79) (\$3,594.36) \$6,396.72 \$23,048.52 \$39,700.32

Upfront Cost \$6,600.00

We Energies
NIGHT AURA® LIGHTING RATES EFFECTIVE JANUARY 1, 2015
STATE OF WISCONSIN

RATE SCHEDULE	CLASS OF SERVICE	FLAT RATE	
Ms-3	Standard Street or Alley Lighting (Munis only) Sodium 50 W 70 W 100 W 150 W 200 W 250 W 400 W Metal Halide 175 W 250 W 400 W Embedded Credit for new street light	10.04 11.63 13.52 15.75 18.35 20.83 27.69 25.14 26.41 30.57 86.50	 per lighting unit
GI-1	Standard Area Lighting Sodium: 70 W 100 W 150 W 200 W 250 W 400 W Metal Halide: 175 W 250 W 400 W Pole (contracted prior to 1/26/06) \$2.80/mo. Span (contracted prior to 1/26/06) \$2.73/mo.	<u>Standard</u> 11.63 13.52 15.75 18.35 20.83 27.69 25.14 26.41 30.57	<u>Directional Flood</u> 15.01 19.76 28.87 26.45 27.85 31.82
Ms-4	Non-standard Street & Area Lighting * 50 W Sodium 70 W Sodium 100 W Sodium 150 W Sodium 175 W Metal Halide 200 W Sodium 250 W Sodium and Metal Halide 400 W Sodium and Metal Halide	2.30 3.39 5.25 7.44 8.43 9.84 12.25 18.93	plus Facilities Charge plus Facilities Charge plus Facilities Charge plus Facilities Charge plus Facilities Charge plus Facilities Charge plus Facilities Charge plus Facilities Charge
AI-1	Alley Lighting (Municipal Customer-Owned): 0 – 10 W LED 10 – 20 W LED 20 – 30 W LED 30 – 40 W LED 40 – 50 W LED 50 – 60 W LED 50 W Sodium 70 W Sodium 100 W Sodium	2.32 2.65 3.06 3.48 3.89 4.29 4.29 5.38 7.24	

* Option "A" - Facilities charge is 1.9% of the estimated installed cost.

Option "B" - Facilities charge is 0.5% of the estimated installed cost plus the one time estimated installed cost payable upon installation.

We Energies
NIGHT AURA® LIGHTING RATES EFFECTIVE JULY 1, 2015
STATE OF WISCONSIN

Rate Schedule LED

Installation and Facilities Charge – Standard Lighting Fixture

Light Fixture	Installed Cost Per Light Fixture Range		Installation Charge (per Light Fixture)	Facilities Charge (per Light Fixture, per Month)		Early Removal Charge (x Months Remaining in Initial Term)
Class	From	To		During Initial Term*	After Initial Term*	
A	\$1	\$249	\$100	\$9.26	\$3.65	\$5.61
B	\$250	\$349	\$125	\$10.59	\$4.22	\$6.37
C	\$350	\$449	\$150	\$12.15	\$4.87	\$7.28
D	\$450	\$549	\$175	\$13.70	\$5.52	\$8.19
E	\$550	\$649	\$200	\$15.26	\$6.17	\$9.10
F	\$650	\$749	\$225	\$16.82	\$6.82	\$10.00
G	\$750	\$849	\$250	\$18.38	\$7.47	\$10.91
H	\$850	\$949	\$275	\$19.94	\$8.12	\$11.82
I	\$950	\$1,049	\$300	\$21.49	\$8.77	\$12.73

Installation and Facilities Charge – Non-Standard Lighting Fixture

Light Fixture	Installed Cost Per Light Fixture Range		Installation Charge	Facilities Charge (per Light Fixture, per Month)		Early Removal Charge (x Months Remaining in Initial Term)
Class	From	To		During Initial Term*	After Initial Term*	
A	\$1	\$249	**	\$6.20	\$3.62	\$2.58
B	\$250	\$349	**	\$6.77	\$4.19	\$2.58
C	\$350	\$449	**	\$7.42	\$4.84	\$2.58
D	\$450	\$549	**	\$8.07	\$5.49	\$2.58
E	\$550	\$649	**	\$8.72	\$6.14	\$2.58
F	\$650	\$749	**	\$9.37	\$6.79	\$2.58
G	\$750	\$849	**	\$10.02	\$7.44	\$2.58
H	\$850	\$949	**	\$10.67	\$8.09	\$2.58
I	\$950	\$1,049	**	\$11.32	\$8.74	\$2.58
J	\$1,050	\$1,149	**	\$11.97	\$9.39	\$2.58
K	\$1,150	\$1,249	**	\$12.62	\$10.04	\$2.58
L	\$1,250	\$1,349	**	\$13.27	\$10.69	\$2.58
M	\$1,350	\$1,449	**	\$13.92	\$11.34	\$2.58
N	\$1,450	\$1,549	**	\$14.57	\$11.99	\$2.58
O	\$1,550	\$1,649	**	\$15.22	\$12.64	\$2.58
P	\$1,650	\$1,749	**	\$15.87	\$13.29	\$2.58
Q	\$1,750	\$1,849	**	\$16.52	\$13.94	\$2.58
R	\$1,850	\$1,949	**	\$17.17	\$14.59	\$2.58
S	\$1,950	\$2,049	**	\$17.82	\$15.24	\$2.58
T	\$2,050	\$2,149	**	\$18.47	\$15.89	\$2.58

Source Charge, LED \$1.00 per fixture per month

Energy Charge (per month per light fixture)

Monthly		Monthly		Monthly	
kWh	Charge	kWh	Charge	kWh	Charge
0-3	\$0.32	40-42	\$4.44	79-81	\$8.57
4-6	\$0.63	43-45	\$4.76	82-84	\$8.89
7-9	\$0.95	46-48	\$5.08	85-87	\$9.21
10-12	\$1.27	49-51	\$5.40	88-90	\$9.52
13-15	\$1.59	52-54	\$5.71	91-93	\$9.84
16-18	\$1.90	55-57	\$6.03	94-96	\$10.16
19-21	\$2.22	58-60	\$6.35	97-99	\$10.48
22-24	\$2.54	61-63	\$6.67	100-102	\$10.79
25-27	\$2.86	64-66	\$6.98	103-105	\$11.11
28-30	\$3.17	67-69	\$7.30	106-108	\$11.43
31-33	\$3.49	70-72	\$7.62	109-111	\$11.75
34-36	\$3.81	73-75	\$7.94	112-114	\$12.06
37-39	\$4.13	76-78	\$8.25	115-117	\$12.38

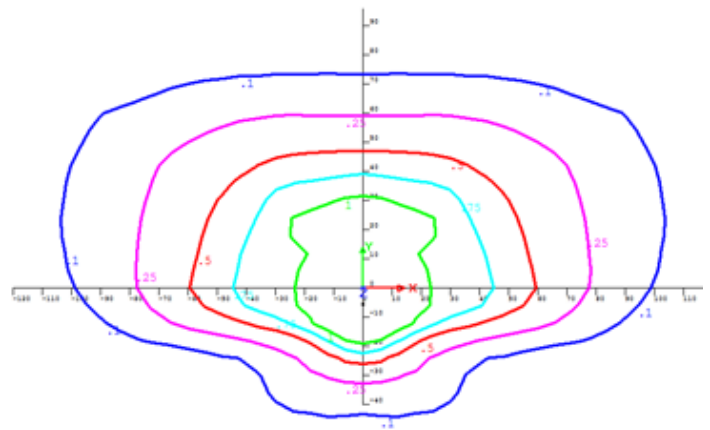
Standard LED

Rates LE-4 / LE-6

Oval, Gray						
Lumen Output	Fixture Class	Rated Watts	Billed kWh	Installation Charge	Monthly Rate <84 mon	Monthly Rate 85 +mon
Low 3K	C	48	17	\$150	\$15.05	\$7.77
Low 4K	C	43	16	\$150	\$15.05	\$7.77
Med 3K	D	97	35	\$175	\$18.51	\$10.33
Med 4K	D	97	35	\$175	\$18.51	\$10.33
High 4K	E	157	57	\$200	\$22.29	\$13.20



Medium Output shown

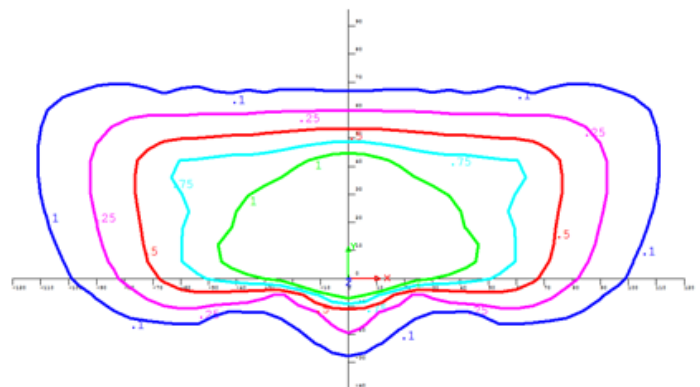


Medium Oval @30' MH

Rectangular, Dark Bronze						
Lumen Output	Fixture Class	Rated Watts	Billed kWh	Installation Charge	Monthly Rate <84 mon	Monthly Rate 85 +mon
Low 3K	D	59	21	\$175	\$16.92	\$8.74
Low 4K	D	50	18	\$175	\$16.60	\$8.42
Med 3K	E	104	37	\$200	\$20.39	\$11.30
Med 4K	E	93	34	\$200	\$20.07	\$10.98
High 4K	F	165	59	\$225	\$24.17	\$14.17



Medium Output shown



Medium Rectangular @30' MH

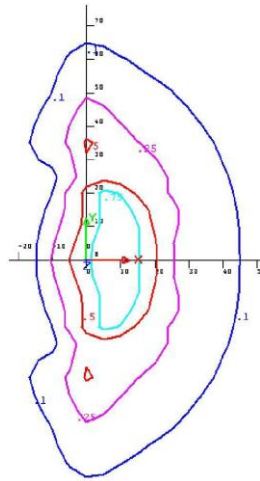
Standard LED

Rates LE-4 / LE-6

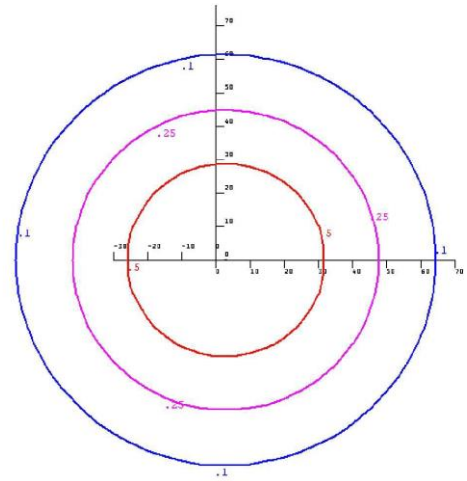
Yard Light, Gray						
Lumen Output	Fixture Class	Rated Watts	Billed kWh	Installation Charge	Monthly Rate <84 mon	Monthly Rate 85 +mon
V Low	B	22	8	\$125	\$12.54	\$6.17
Low	B	40	14	\$125	\$13.18	\$6.81



Very Low includes 3" lens
Low includes 2" glare shield



Very Low @ 25' MH

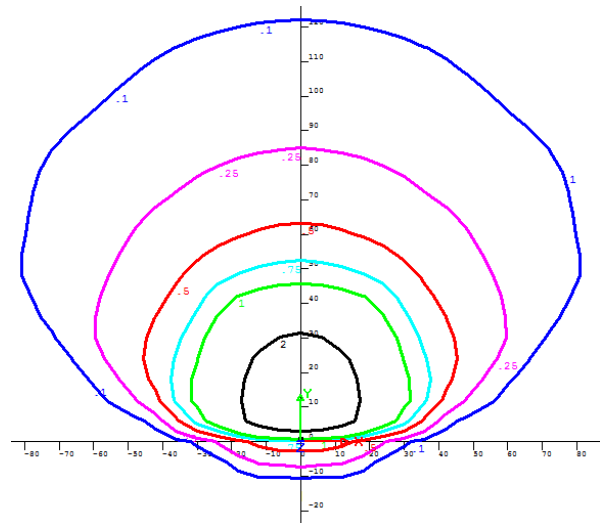


Low @ 25' MH

Flood Light, Dark Bronze						
Lumen Output	Fixture Class	Rated Watts	Billed kWh	Installation Charge	Monthly Rate <84 mon	Monthly Rate 85 +mon
Low	E	85	31	\$200	\$19.75	\$10.66
Med	G	129	47	\$250	\$24.46	\$13.55
High	H	199	72	\$275	\$28.56	\$16.74



Medium Output shown



Medium Floodlight @ 30' MH

Ron Bittner

From: Hatton, Andrea <Andrea.Hatton@wecenergygroup.com>
Sent: Thursday, December 19, 2019 12:31 PM
To: Ron Bittner
Subject: Information Re: LED Conversion of Street Lights in River Park Estates
Attachments: ROL CONV INFO MUKWONAGO RIVER ESTATES.pdf; Authorization Cover Letter WI River Park Estates Mukwonago.pdf; led_standard_wi.pdf; wi_lightingrates.pdf

Importance: High

Mr. Bittner,

My co-worker Deb Domagalski has informed us that you have expressed some interest in converting some Mukwonago area street lights to LED. I have attached some information for your review. Please find a cost summary of current lights found in the River Park Estates neighborhood. There are currently 44 lights with either 100W or 150W cobra HPS fixtures. We would recommend our Low Oval LED fixture for all which has a \$150 upfront installation fee per fixture for a total upfront cost of \$6,600. I have included some fixture and rate information as well so you can have a visual of the recommended fixture – located on pg. 1 of the LED Standard WI - PDF. The letter attached is an authorization letter that will need to be signed and returned along with a check for \$6,600 if it is decided that the project will be moving forward. The letter addresses how the check is to be made out and the address at the top left-hand corner is where it should be returned.

Please review the documentation and let us know if you have any questions or concerns.

Thank you,

Andrea Hatton
Lighting Consultant
Direct: 414-221-4454
Andrea.Hatton@wecenergygroup.com

AGENDA ITEM REQUEST FORM

Committee/Board:	Village Board
Topic:	Motion to approve a Stumper 280 HD Stump Grinder Purchase Requisition.
From:	Diana Dykstra
Department:	Finance
Presenter:	Ron Bittner
Date of Committee Action (if required)	1/8/20
Date of Village Board Action (if required)	1/15/20

Information

Subject:

Motion to approve a Stumper 280 HD Stump Grinder Purchase Requisition.

Background Information/Rationale:

A replacement stump grinder was included in the capital plan for 2020. The new unit will attach to the back hoe for a more efficient grinding operation. During the process, the machine can remain on the street and reach into the terrace leaving minimal landscape restoration. The unit can also be used for preparing a hole for new tree installation.

Key Issues for Consideration:

Approval of the purchase requisition for the Stumper 280 HD stump grinder.

Fiscal Impact (if any):

\$9,695 from the DPW Capital Equipment Reserve Fund.

Requested Action by Committee/Board:

Attachments

Purchase Requisition -Stumper 280 HD

Village of Mukwonago Stumper 280HD Quote 12-12-19

VILLAGE OF MUKWONAGO PURCHASE REQUISITION

PLEASE TYPE OR PRINT IN INK CLEARLY ON THIS FORM

DATE:	1/2/19	NUMBER:	
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VENDOR NAME & ADDRESS:	SHIP TO:
LF George INC. W231 N1129 County HWY F Waukesha, WI 53186	DPW

DEPT NAME:	SUGGESTED VENDOR	AUTHORIZED SIGNATURE
DPW	LF George INC.	

BUDGETED ITEM?	Yes	BUDGETED SOURCE:	
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ITEM	QTY	DESCRIPTION	UNIT PRICE	AMOUNT	ACCT #
1	1	Stumper 280 HD stump Grinder		\$9695.00	340-0000-344410
			TOTAL	\$9695.00	

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



January 7, 2020

Ron Bittner
Village of Mukwonago
440 River Crest Court
627 East Veterans way mukwonago
Mukwonago, WI 53149

Dear Ron:

It is my pleasure to present the following for your review and consideration:

Stumper 280 HD (25-45 GPM requires a case drain)	\$9,695
280 HD EX- Includes Stumper to John Deere 310 Pin Grabber Mount & Hoses with 1/2" FF QC's	

The above prices may be subject to applicable taxes and shipping fees.

Quote valid until: **Thursday, January 9, 2020**

In-stock, demo, and pre-owned equipment is subject to availability.

Please ensure that this quote reflects the items we discussed and is to your expectation. Let me know if it is not and we can revise the quote to better reflect your needs.

Thank you for the opportunity to serve your needs, as always, should you have any questions and/or concerns please don't hesitate to contact me.

Sincerely,

Dan McCarthy
dmccarthy@lfgeorge.com

Committee/Board:	Village Board
Topic:	Motion to approve a 2020 Patrol Truck equipment package purchase requisition.
From:	Diana Dykstra
Department:	Finance
Presenter:	Ron Bittner
Date of Committee Action (if required)	1/8/20
Date of Village Board Action (if required)	1/15/20

Information

Subject:

Motion to approve a 2020 Patrol Truck equipment package purchase requisition.

Background Information/Rationale:

A patrol truck was included in the 2020 capital plan. The new equipment package will include a hook lift style loader enabling the chassis to be used as a multi purpose truck. In addition to a V box for salting, two additional hook hitches will be purchased. One will be fitted with a flat bed to accommodate the anti-icing unit and the other will have a chipper box for forestry related projects.

Key Issues for Consideration:

Approval of the 2020 Patrol Truck equipment package purchase requisition.

Fiscal Impact (if any):

Burke offers a 1.5% discount by paying for half the package costs at the time of order. The two additional hook hitches will bring the total up-fit package to \$95,999.85

Requested Action by Committee/Board:

Attachments

[2020 Patrol Truck Equipment Package](#)

BURKE TRUCK & EQUIPMENT, INC.

5337 REINER RD., MADISON, WISCONSIN 53718

888-249-9788 / 608-249-9788 / FAX: 608-837-7530

Email: sales@burketruck.com / Web: www.burketruck.com

1/7/20

Prepared for the Village of Mukwonago



2007 international pictured

2020 Patrol Truck Package

Accessory Equipment Summary

- Ampliroll Hooklift
- Burke Road Tamer 11-ft moldboard plow with trip moldboard
- Burke Snow Patrol 9-ft wing
- SaltDogg Vee-Box spreader
- Burke cable control with Force 5100EX
- Burke Sealed electrical system
- Cab and chassis under coated and rust proofed.

ACCESSORY EQUIPMENT SPECS

Ampliroll hook lift AL100 series

Capacity 20,000 lb

SaltDogg Vee-Box Spreader

Constructed	304 stainless steel
Spread	up to 40 feet
Feed gate	adjustable
Conveyor chain	24 inch wide with 3/8" bars
Motors	2 direct drive hydraulic motors
Gearbox	50:1 ratio
Top screens	hinged 3/8" bars on 2-1/2" openings
Inverted vee	stainless steel, adjustable
Drive shaft	2" with 8-tooth sprockets
Idler shaft	1-1/2" spring loaded with 8-tooth sprocket
Fold up chute	manual crank
Spinner	20" poly
Cab shield	Stainless steel
Pre-wet	105 gallon per side hydraulic drive
Hook	for Ampliroll system
Ladder	rear mount
Light kit	for top of Vee-Box
Hydraulic	Underbody hoist
Coating	Body chemically cleaned with a phosphate solution before underside of body and subframe primed black
Rear Hitch	16,000 lb pintol Reciever style
Full fenders	plastic
Shovel Holder	one spring loaded (location to be determined)

Burke Road Tamer 2000 Plow



Burke Road Tamer 11-ft moldboard Plow with Trip moldboard

Plow	11-ft X 42", 7-gauge broke (not rolled), with 8 vertical ribs, 5 hinge points,.
Table	1 adjustable parking stand, two 4 x 13 D.A. cylinders with 2" nitrided rods. All connecting points from table to moldboard have poly bushings
Hitch	Burke Model UBF-WQCP quick hitch with loop and latch casting, 4" X 10" D.A. lift cylinder with 2" nitrided rods, painted black.
Hydraulic cylinder	The 4" x 10" cylinder is custom-made to Burke specifications and exceeds cylinder size and capacity needed for snowplowing equipment.
Hydraulic hook-up	series 72 couplers.
Blades	Joma 6000
Paint	Gloss Black

Burke WING



Burke Snow Patrol 9-ft Wing

Wing	9-ft right moldboard overall with 9-ft trip cutting edge with 4 torsion springs of at least 7?8" (not double panel); wing moldboard is broke (not rolled) 10-ga; face 28" high at the toe end and 35" high at the heel.
Blades	Joma 6000 - 5/8 square bolt holes & grade 9 plow bolts on a standard highway punch.
Front post	Patented A-ARM LIFT SYSTEM and at least 18" free travel and a minimum of 15" ground clearance; toe cylinder 3 ½ " X 10" S.A. cylinder with 2" nitrided rod; heel cylinder 4" X 20" with 2" nitrided rod and De-Cell.
Rear brace tube	4" X 6" X 3/8" thick protruding under both frames with 2 side plates, power push brace with 26" of travel with in cab control , frame mount stop and holding (lock) bracket; painted black.
Hydraulic cylinders	All plow cylinders are custom-made to Burke specifications and exceed cylinder size and capacity needed for snowplowing equipment. All rods are nitrided.
Paint	Gloss Black
Light kit	Whelen LED wing light kit with mercury switch



Hydraulic System

Burke cable controls in stainless console with Force America 5100EX spreader control

Stainless steel Reservoir with low oil high temp and sight glass

Stainless steel hydraulic lines with short whip hoses

Electrical System

- Wiring:** All wiring is double jacketed with ethylene-propylene rubber to seal out moisture and to protect against damage. In addition to the double jacket, all wires that are in an abrasion area are covered with vinyl tubing for additional protection. All electrical connections are sealed against moisture. All electrical junction boxes are waterproof. All lights are grounded through the wiring system, not to mounting bolts. All junction boxes are grounded to the chassis in addition to the wiring system. All bulbs and electrical plugs are coated with dielectric grease to seal out moisture. Wiring harnesses are securely fastened to prevent damage.
- Controls:** Burke custom designed electrical controls are located in a standard floor console. Each of the six circuits is fused with re-settable circuit breakers. The switches are marine grade and are rated to carry 25 amps. The salter control panel is designed so that it can be removed from the truck easily if service becomes necessary.
- Plow Lights:** The plow lights are Hella with stainless steel hardware for corrosion resistance. They include bright, sealed, halogen headlight beams with built-in parking and turn signal lights.
- Tail/Stop Lights:** These 6-inch LED oval lights are mounted in cutouts on the rear of the dump box. These lights on the box are in addition to the standard tail/stop/turn lights that are mounted to the truck chassis.
- Side Marker Lights:** The side/marker lights are 2 ½" LED round lights that are sealed and installed in cutouts in the dump box sides.
- Identification Lights:** These are the three LED red lights below the dump box on the rear of the truck. The identification lights are 2 ½" round lights that are sealed and installed in a bracket welded to the truck chassis.
- Hot Lights:** These are the flashing LED warning lights on the dump box cab guard. The hot lights are 6" oval alternating flashing lights that are mounted stationary in cab guard facing rearward.
- Wing, spreader and work to be LED**
- Emergency Warning Light:** The emergency warning light to be a LED that is mounted on a self leveling bracket on the center of dump box cab guard.

Village of Mukwonago
630 Cth NN E
Mukwonago, WI 53149

Attn: Ron Bittner

Subject: Patrol Truck Equipment

Mr. Bittner, thank you for the opportunity to quote you on the following equipment package. All prices are valid for 60 days. Please feel free to contact me with any questions.

Total package price.....\$94,010.00

Burke Truck is pleased to offer the Village of Mukwonago a 1 ½% discount on the equipment package if they pay one half of the total package price at the time of order with the balance due after delivery of the completed truck (see below)

Total price.....	\$94,010.00
First half payment.....	\$47,005.00
Discount.....	\$1,410.15
Second half payment.....	\$45,594.85
Total price after discount.....	\$92,599.85

Optional equipment

1. 2 Extra hook hitch for chipper box, add.....\$3,400.00

Sincerely

Jeff Smith
Burke Truck & Equipment Inc.



Committee/Board:	Public Works/Committee of Whole/Village Board
Topic:	Design, Bidding and Construction Services for River Park Estates Rehabilitation Phase 2
From:	Michael Michalski
Department:	Public Works
Presenter:	Jerad Wegner
Date of Committee Action (if required):	January 8, 2019
Date of Village Board Action (if required):	January 15, 2019

Information

Subject: Approval of the Ruekert Mielke, Inc. task order for design, bidding and construction services of River Park Estates Rehabilitation Phase 2.

Background Information/Rationale: The Task Order is to provide engineering and construction related services for the design, bidding and construction of the River Park Estates Rehabilitation Phase 2.

Key Issues for Consideration: The project will include pulverizing the existing asphaltic pavement on designated streets within River Park Estates Subdivision, reuse of a limited amount of the pulverized material as base course and placement of a 4-inch asphaltic concrete pavement. Limited concrete curb and gutter and curb ramp repairs are anticipated. Limited catch basin and manhole repairs are anticipated. The Engineer's estimated construction cost is \$1,670,000.00.

Fiscal Impact (If any): \$86,817.

Requested Action by Committee/Board: We are requesting a recommendation to the Village Board for the approval of Ruekert Mielke, Inc. task order for River Park Estates Rehabilitation Phase 2 Design, Bidding and Construction Services.

Attachments

RM Task Order 2019-18

TASK ORDER

This is Task Order No. (2019-18)
consisting of 3 pages
Village of Mukwonago
River Park Estates Rehabilitation Phase 2

Task Order

In accordance with the Agreement Amendment between Village of Mukwonago (Owner) and Ruekert-Mielke, Inc. (Engineer) dated December 21, 2017, Owner and Engineer agree as follows:

1. Specific Project Data

- A. Title: River Park Estates Rehabilitation Phase 2
- B. Description: Design, Bidding and Construction Services

2. Services of Engineer

Prepare bidding documents for the above project. Administer public bidding and perform construction administration as requested by the Village, along with a project completion inspection.

Project Understanding:

The project will include pulverizing the existing asphaltic pavement on designated streets within River Park Estates Subdivision, reuse of a limited amount of the pulverized material as base course and placement of a 4-inch asphaltic concrete pavement. Limited concrete curb and gutter and curb ramp repairs are anticipated. Limited catch basin and manhole repairs and replacements are anticipated. The project manual will include exhibits and/or tables depicting the limits of pulverizing and paving work, a typical cross section of the repaved street, curb replacement, curb ramp replacement, and catch basin and manhole repair/replacement locations. No construction drawings will be prepared for this project. The Engineer's estimated construction cost is \$1,670,000.00.

Phase 200 – Design and Bidding

- Prepare and coordinate overall project schedule.
- Prepare project specifications and other bidding documents.
- Upload bidding documents for online viewing/ordering.
- Answer Contractor questions during bidding period.
- Attend Bid Opening.
- Review bids for completion of all contract requirements. Review prequalification statements, and bidder references.
- Issue Recommendation of Award and Notice of Award.
- Attend Village Board meeting to answer questions about the award of the project.

Phase 300 – Construction Review

- Provide construction review services.
- Field design and stakeout curb ramps.
- Administer the construction contract between the Owner and the Contractor. Duties to be performed are itemized in the Construction Contract between the Owner and the Contractor.
- Respond to Owner staff requests for information.
- Quantity measurements and quantity coordination with Contractor.
- Coordinate pay request with Owner Staff.
- Coordinate and attend pre-construction meeting.
- Coordinate and attend weekly site meetings.
- Respond to citizen questions during construction.
- Final project closeout.

Phase 310 – Record Drawings & GIS Data Updates

- Prepare record drawings to the Owner's standards.
- Incorporate the utility data into the Owner's GIS.

TASK ORDER

Work Available as additional services:

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

- Easements, title searches or other property acquisition services
- Storm Water Management Plans,
- SEWRPC coordination,
- ACOE and DNR permitting,
- Wetland delineations,
- Environmental assessments or investigations,
- Funding requirements,
- Floodplain analysis and approvals,
- Permit applications not listed,
- Public Information Meetings,

3. Owner's Responsibilities

The Village will provide an exhibit showing the limits of asphaltic pulverizing and paving and a table of catch basins, manholes and curb repairs required for the project. Owner will pay for the cost of advertisement, Engineer's reimbursable expenses, reproduction of the bidding documents, distribution of the bidding documents, and will refer all bidders' questions to the Engineer for response.

4. Times for Rendering Services

<u>Phase</u>	<u>Completion Date</u>
Advertisement for Bid	February 6, 2020
Bid Opening	February 20, 2020
Recommendation of Award	March 6, 2020

5. Payments to Engineer

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

<u>Category of Services</u>	<u>Compensation Method</u>	<u>Estimate of Compensation for Services</u>
200 Design and Bidding	Lump Sum	\$12,325
300 Construction Review	Standard Hourly Rates	\$72,892
310 Record Drawings & GIS Data Updates	Lump Sum	\$ 1,600

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

6. Consultants: None

7. Other Modifications to Standard Terms and Conditions: None

8. Attachments: None

9. Documents Incorporated by Reference

Ruekert & Mielke, Inc. / Village of Mukwonago Master Agreement.
Level of Effort breakdown for Design and Construction.
Engineer's Estimated Construction Cost.

TASK ORDER

Terms and Conditions: Execution of this Task Order by Owner and Engineer shall make it subject to terms and conditions, (as modified above) set forth in the Master Engineering Agreement Amendment between Owner and Engineer, dated December 21, 2017, which are incorporated by this reference. Engineer is authorized to begin performance upon its receipt of a copy of this Task Order signed by Owner.

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

OWNER:

Village of Mukwonago

By: _____

Name: _____

Title: _____

Date: _____

ENGINEER:

Ruekert & Mielke, Inc.

By: Steven C Wurster

Name: Steven C. Wurster, P.E.

Title: Senior Vice President/COO

Date: December 11, 2019

DESIGNATED REPRESENTATIVE FOR TASK ORDER

Name: _____

Title: _____

Address: _____

Email: _____

Phone: _____

Fax: _____

Name: Michael E. Michalski

Title: Project Engineer

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

Email: mmichalski@ruekert-mielke.com

Phone: 262-953-3004

Fax: 262-542-5631

River Park Estates Rehabilitation Phase 2

Engineering Services Estimate

	Jerad Wegner	Michael Michalski	Drafting	Sue Shird	
Initials	JJW	MEM		SJS	
Employee Class	E6	E3	ET-2	AA	Task Total
Hourly Rates	\$ 162	\$ 119	\$ 113	\$ 72	Dollars
Construction Phase					
Project Manual	4	36		8	\$ 5,508
Prepare Exhibits and Tables		8	24		\$ 3,664
100% Design Review					\$ -
1. Internal Quality Control Review	2	2			\$ 562
2. Village of Mukwonago Review	2	1			\$ 443
Prepare Advertisement for Bids		2		4	\$ 526
Answer Contractor Questions		2			\$ 238
Attend Bid Opening		3			\$ 357
Evaluate Bids, Prepare Bid Tab		1		4	\$ 407
Assist Village with Contractor References		2			\$ 238
Prepare Recommendation for Award		2		2	\$ 382
Construction Phase Subtotal (Hours) =	8	59	24	18	
Construction Phase Subtotal (Dollars) =	\$ 1,296	\$ 7,021	\$ 2,712	\$ 1,296	\$ 12,325

River Park Estates Rehabilitation Phase 2

Construction Services Estimate

	Michael Michalski	Steve Zaleski	Sue Shird	
Initials	MEM	SJZ	SJS	
Employee Class	E3	SET (Str Time)	AA	Task Total
Hourly Rates	\$ 119	\$ 99	\$ 72	Dollars
Construction Phase				
Prepare Contracts for Execution by Contractor and Owner	8		8	\$ 1,528
Preconstruction Conference (Agenda / Attend / Minutes)	16		16	\$ 3,056
Attend 4 Progress Meetings (Agendas / Attend / Minutes)	24		4	\$ 3,144
Review Submittals	6		2	\$ 858
Construction Review				\$ -
Curb Ramp Design and Inspection		136		\$ 13,464
Structure Repairs		280		\$ 27,720
Base Repairs		36		\$ 3,564
Mill and Overlay		70		\$ 6,930
Process 2 Pay Requests	16	4	6	\$ 2,732
Process 1 Routine Work Change Directives / Change Orders	6		2	\$ 858
Process Closeout Change Order	12		4	\$ 1,716
Substantial Completion Inspection/Punchlist	4	12	4	\$ 1,952
Follow-up Punchlist Inspections/Revised Punchlist	6	6	2	\$ 1,452
Prepare Final Quantities	12	2	4	\$ 1,914
Project Closeout Documents	12		8	\$ 2,004
Construction Phase Subtotal (Hours) =	122	546	60	
Construction Phase Subtotal (Dollars) =	\$ 14,518	\$ 54,054	\$ 4,320	\$ 72,892

ESTIMATED CONSTRUCTION COST

*River Park Estates Rehabilitation
Pulverize and Asphalt Overlay
Village of Mukwonago*

#	Description	Unit	Quantity	Unit Price	Total
1	Traffic Control	L.S.	1	\$5,000.00	\$5,000.00
2	Pulverizing, removals, shaping, and compacting necessary to bring street to grade	S.Y.	43,740	\$2.80	\$122,472.00
3	2-1/2 inch Asphaltic Concrete Binder Course	TON	6,615	\$64.00	\$423,360.00
4	1-1/2 inch Asphaltic Concrete Surface Course	TON	3,790	\$76.00	\$288,040.00
4	Excavation Below Subgrade (5% areas)	C.Y.	730	\$21.00	\$15,330.00
5	Excavation Below Subgrade Backfill and Base Course	TON	1,460	\$18.00	\$26,280.00
6	Geotextile Subgrade Stabilization	S.Y.	2,190	\$4.00	\$8,760.00
7	Full Depth Sawcutting	L.F.	1,165	\$2.50	\$2,912.50
8	Spot Removal & Replacement of Concrete Curb and Gutter	L.F.	1,000	\$48.00	\$48,000.00
9	Spot Removal & Replacement of Sidewalk and Curb Ramps (14)	S.F.	5,000	\$14.00	\$70,000.00
10	Detectable Warning Field	S.F.	136	\$54.00	\$7,344.00
11	Storm Catch Basin w/Frame and Grate Replacement	EA	56	\$3,750.00	\$210,000.00
12	Adjust Storm Manhole Frame	EA	14	\$1,200.00	\$16,800.00
13	Adjust Sanitary Manhole Frame	EA	22	\$1,200.00	\$26,400.00
14	Sanitary Sewer Manhole Internal/External Seal Replacement	EA	38	\$650.00	\$24,700.00
15	Valve Box Adjustments	EA	65	\$550.00	\$35,750.00
16	Topsoil, Turf Grass Seed, Fertilizer and Erosion Matting	S.Y.	450	\$15.00	\$6,750.00
17	Inlet Protection - Type C	EA	54	\$60.00	\$3,240.00
	Sub Total				\$1,336,138.50
	Administration, Engineering & Contingencies			25%	\$334,034.63
	Estimated Total Project Cost				\$1,670,173.13

AGENDA ITEM REQUEST FORM

Committee/Board:	Village Board
Topic:	Motion to approve and authorize the Village President to sign the WE Energies lighting agreement for the River Park Estates LED street light conversion.
From:	Diana Dykstra
Department:	Public Works
Presenter:	Ron Bittner
Date of Committee Action (if required)	1/8/20
Date of Village Board Action (if required)	1/15/20

Information

Subject:

Motion to approve and authorize the Village President to sign the WE Energies lighting agreement for the River Park Estates LED street light conversion.

Background Information/Rationale:

As costs continue to increase with development, LED conversions along with the Village LED standard for new lighting, provides another avenue in reducing the long term costs associated with street lighting. The Public Works Department budgeted for a LED street light conversion program in 2020 on WE Energies lighting. River Park Estates was selected based on the number of lights to coincide with the budgeted amount.

Key Issues for Consideration:

We are requesting a recommendation to the Village Board to authorize the Village President to sign the WE Energies lighting agreement for the River Park Estates LED street light conversion.

Fiscal Impact (if any):

\$6,600 in installation charges and the initial monthly charges increasing by \$42.79 based on current energy prices. The overall saving will come after the 84 month facility charge when the monthly rates will be reduced to \$7.77, a decrease of approximately 48%. The long term saving based on today's rates would reflect a savings of \$39,700.32 over the next 20 years on the 44 lights as outlined on page two of the conversion sheet. WE Energies provides all maintenance for the street lighting under their agreement.

Requested Action by Committee/Board:

Attachments

Authorization Cover Letter WI River Park Estates Mukwonago.pdf

ROL CONV INFO MUKWONAGO RIVER ESTATES.pdf

wi_lightingrates RPE.pdf

RPE.pdf

WE Energies Email.pdf



We Energies
231 W. Michigan St.
Milwaukee, WI 53203
www.we-energies.com

December 19, 2019

Ron Bittner
Village of Mukwonago
630 East Veterans Way
Mukwonago, WI
53149

Subject: Work Request 4473120; Lighting at River Park Estates in Mukwonago Streets

Dear Mr. Bittner:

This letter details a work request for We Energies Outdoor Lighting. The upfront charge for this work, which expires 90 days from the date of this letter, is \$6,600.00, and does not include site restoration. Net monthly charges will initially increase by \$42.79, which is subject to future rate changes as approved by the Public Service Commission of Wisconsin.

Review the following prior to providing authorization and payment:

- Luminaires are controlled to provide dusk to dawn operation.
- Customer must contact We Energies for lighting maintenance.
- Fixtures are warranted until removed.
- Non-Standard poles and conductors are warranted for 15 years.
- Customer must locate private underground facilities and grant or obtain, without expense to We Energies, access to property, necessary permissions, easements, ordinance satisfaction and permits for installation, removal and maintenance of lighting facilities.
- Termination or change requests after installation and prior to conclusion of the initial term result in customer charges. Monthly rates for fixtures on the LED rate are reduced after the initial term.
- All applicable lighting tariff terms and conditions are available at we-energies.com.
- We Energies does not guarantee this installation meets AASHTO or the Illuminating Engineering Society's minimum recommended standards for lighting.

Please sign the enclosed documents and return them, along with payment for the upfront charge (payable to We Energies) in the envelope provided. Material will be ordered upon receipt of required authorizations and payment. Work request will be scheduled when all contingencies are met. If you have any questions, please call me at #414-221-4454. We look forward to working with you on your lighting project.

Sincerely,

Andrea Hatton

By signing this letter, you authorize us to do this work and acknowledge acceptance of the rates and conditions of the specified tariffs as approved by the Public Service Commission of Wisconsin.

Signature: _____

Date: _____

Print name: _____

Title: _____

Enclosures

RIVER PARK ESTATES - VILLAGE OF MUKWONAGO
WE ENERGIES STREET LIGHTS

Rate Code	POLE #	Pole Material	Wattage	LAMP	FIXTURE	Pole Location	Current Monthly	LED Conversion Fixture	LED Upfront Cost	Monthly < 84	Monthly > 84
MS-3 WI	01-08079	Wood	100	HPS	Cobra-FCO	CUL DU SAC AT RAINBOW CT	\$13.52	Oval Low	\$150.00	\$15.05	\$7.77
MS-3 WI	74-3251	Wood	100	HPS	Cobra-FCO	NW COR WESTERN TRAIL & RIVER PARK CIR	\$13.52	Oval Low	\$150.00	\$15.05	\$7.77
MS-3 WI	74-3198	Wood	100	HPS	Cobra-FCO	WS WESTERN TRAIL 250' S OF CHURCHWAY	\$13.52	Oval Low	\$150.00	\$15.05	\$7.77
MS-3 WI	78-0283	Wood	150	HPS	Cobra-SCO	WS EASTERN TRAIL 450' N OF RIVER PARK CIR E	\$15.75	Oval Low	\$150.00	\$15.05	\$7.77
MS-3 WI	62-3781	Wood	100	HPS	Cobra-FCO	ES RIVER PARK CIR W & WESTERN TRAIL	\$13.52	Oval Low	\$150.00	\$15.05	\$7.77
MS-3 WI	02-14642	Wood	100	HPS	Cobra-FCO	[74-3200] WS RIVER PARK CIR W 200' N OF RIVERTON DR	\$13.52	Oval Low	\$150.00	\$15.05	\$7.77
MS-3 WI	54-6258	Wood	100	HPS	Cobra-FCO	DEAD END CROWN CT 200' N OF RIVER PARK CIR W	\$13.52	Oval Low	\$150.00	\$15.05	\$7.77
MS-3 WI	74-3252	Wood	100	HPS	Cobra-FCO	SW COR SUNDOWN CT & RIVER PARK CIR	\$13.52	Oval Low	\$150.00	\$15.05	\$7.77
MS-3 WI	78-10902	Wood	150	HPS	Cobra-FCO	NS RIVER PARK CIR E 225' E OF RAINBOW CT	\$15.75	Oval Low	\$150.00	\$15.05	\$7.77
MS-3 WI	78-0300	Wood	150	HPS	Cobra-FCO	WS RAINBOW CT 300' N OF RIVER PARK CIR	\$15.75	Oval Low	\$150.00	\$15.05	\$7.77
MS-3 WI	75-2621	Wood	100	HPS	Cobra-SCO	SS RIVERTON DR 175' W OF SUMMIT CT	\$13.52	Oval Low	\$150.00	\$15.05	\$7.77
MS-3 WI	63-4081	Wood	100	HPS	Cobra-FCO	ES RIVER PARK CIR W 250' N OF ST JAMES ST	\$13.52	Oval Low	\$150.00	\$15.05	\$7.77
MS-3 WI	74-3199	Wood	100	HPS	Cobra-FCO	ES WESTERN TRAIL 300' N OF CHURCHWAY	\$13.52	Oval Low	\$150.00	\$15.05	\$7.77
MS-3 WI	58-5650	Wood	100	HPS	Cobra-FCO	WS WESTERN TRAIL 250' S OF RIVER PARK CIR W	\$13.52	Oval Low	\$150.00	\$15.05	\$7.77
MS-3 WI	78-0298	Wood	150	HPS	Cobra-FCO	WS RAINBOW CT 350' S OF RIVERTON DR	\$15.75	Oval Low	\$150.00	\$15.05	\$7.77
MS-3 WI	63-5540	Wood	100	HPS	Cobra-FCO	NW COR RIVER PARK CIR W & ST JAMES ST	\$13.52	Oval Low	\$150.00	\$15.05	\$7.77
MS-3 WI	78-02900	Wood	150	HPS	Cobra-FCO	ES EASTERN TRAIL 400' S OF RIVERTON DR	\$15.75	Oval Low	\$150.00	\$15.05	\$7.77
MS-3 WI	78-0289	Wood	150	HPS	Cobra-FCO	WS EASTERN TRAIL 700' S OF RIVERTON DR	\$15.75	Oval Low	\$150.00	\$15.05	\$7.77
MS-3 WI	75-2622	Wood	100	HPS	Cobra-FCO	NE COR RIVERTON DR & SUMMIT CT	\$13.52	Oval Low	\$150.00	\$15.05	\$7.77
MS-3 WI	78-0299	Wood	150	HPS	Cobra-FCO	ES RAINBOW CT 750' S OF RIVERTON DR	\$15.75	Oval Low	\$150.00	\$15.05	\$7.77
MS-3 WI	91-05715	Wood	100	HPS	Cobra-FCO	NS OF RIVERTON DR 360' E OF SUMMIT CT	\$13.52	Oval Low	\$150.00	\$15.05	\$7.77
MS-3 WI	01-08079	Wood	100	HPS	Cobra-FCO	NE COR OF RIVERTON DRIVE RIVER PARK CIRCLE(75-2626)	\$13.52	Oval Low	\$150.00	\$15.05	\$7.77
MS-3 WI	78-0282	Wood	150	HPS	Cobra-FCO	NE COR RIVER PARK CIR E & EASTERN TRAIL	\$15.75	Oval Low	\$150.00	\$15.05	\$7.77
MS-3 WI	91-05713	Wood	100	HPS	Cobra-FCO	NS OF RIVERTON DR 650' E OF PARK RIVER CIR E	\$13.52	Oval Low	\$150.00	\$15.05	\$7.77
MS-3 WI	74-3274	Wood	100	HPS	Cobra-FCO	WS RIVER PARK CIR W 200' S OF RIVERTON DR	\$13.52	Oval Low	\$150.00	\$15.05	\$7.77
MS-3 WI	63-4084	Wood	100	HPS	Cobra-FCO	[TEMP 3936] ES RIVERTON DR 250' N OF RIVER PARK CIR W (1118 RIVERTON DR)	\$13.52	Oval Low	\$150.00	\$15.05	\$7.77
MS-3 WI	74-3238	Wood	100	HPS	Cobra-SCO	DEAD END SUNDOWN CT 300' W OF RIVER PARK CIR W	\$13.52	Oval Low	\$150.00	\$15.05	\$7.77
MS-3 WI	91-05710	Wood	100	HPS	Cobra-FCO	SE COR OF RIVER PARK CIR E + RIVERTON DR	\$13.52	Oval Low	\$150.00	\$15.05	\$7.77
MS-3 WI	78-0297	Wood	150	HPS	Cobra-FCO	NW COR RIVERTON DR & EASTERN TRAIL	\$15.75	Oval Low	\$150.00	\$15.05	\$7.77
MS-3 WI	74-3272	Wood	100	HPS	Cobra-FCO	WS RIVER PARK CIR W & RIVERTON DR	\$13.52	Oval Low	\$150.00	\$15.05	\$7.77
MS-3 WI	10-08392	Wood	100	HPS	Cobra-FCO	[74-3273] DEADEND CHURCHWAY 150' E OF WESTERN TRAIL	\$13.52	Oval Low	\$150.00	\$15.05	\$7.77
MS-3 WI	91-05714	Wood	100	HPS	Cobra-FCO	NS OF RIVERTON RD 500' E OF SUMMIT CT	\$13.52	Oval Low	\$150.00	\$15.05	\$7.77
MS-3 WI	63-4083	Wood	100	HPS	Cobra-FCO	1127 RIVERTON DRIVE	\$13.52	Oval Low	\$150.00	\$15.05	\$7.77
MS-3 WI	91-05709	Wood	100	HPS	Cobra-FCO	WS OF PARK CIR E 300' N OF DAHMS DR	\$13.52	Oval Low	\$150.00	\$15.05	\$7.77
MS-3 WI	74-3275	Wood	100	HPS	Cobra-FCO	WS WESTERN TRAIL 550' N OF CHURCHWAY	\$13.52	Oval Low	\$150.00	\$15.05	\$7.77
MS-3 WI	91-05711	Wood	100	HPS	Cobra-FCO	NS OF RIVER PARK CIR W 360' W OF RIVERTON DR	\$13.52	Oval Low	\$150.00	\$15.05	\$7.77
MS-3 WI	76-0296	Wood	150	HPS	Cobra-FCO	[78-0296] DEAD END EASTERN TRAIL 200' N OF RIVERTON DR	\$15.75	Oval Low	\$150.00	\$15.05	\$7.77
MS-3 WI	91-05712	Wood	100	HPS	Cobra-FCO	ES OF RIVERTON DR 370' E OF RIVER PARK CIR E	\$13.52	Oval Low	\$150.00	\$15.05	\$7.77
MS-3 WI	75-2629	Wood	100	HPS	Cobra-FCO	SE COR RIVERTON DR & RAINBOW CT	\$13.52	Oval Low	\$150.00	\$15.05	\$7.77
MS-3 WI	74-7088	Wood	100	HPS	Cobra-FCO	NW COR WESTERN TRAIL & CHURCHWAY	\$13.52	Oval Low	\$150.00	\$15.05	\$7.77

RIVER PARK ESTATES - VILLAGE OF MUKWONAGO
WE ENERGIES STREET LIGHTS

Rate Code	POLE #	Pole Material	Wattage	LAMP	FIXTURE	Pole Location	Current Monthly	LED Conversion Fixture	LED Upfront Cost	Monthly < 84	Monthly > 84
MS-3 WI	75-2630	Wood	100	HPS	Cobra-FCO	DEAD END SUMMIT CT 350' N OF RIVERTON DR	\$13.52	Oval Low	\$150.00	\$15.05	\$7.77
MS-3 WI	91-05707	Wood	100	HPS	Cobra-FCO	180' E OF EASTERN TRL SS OF RIVER PARK CIR E	\$13.52	Oval Low	\$150.00	\$15.05	\$7.77
MS-3 WI	78-10901	Wood	150	HPS	Cobra-FCO	NW COR RIVER PARK CIR E & RAINBOW CT	\$15.75	Oval Low	\$150.00	\$15.05	\$7.77
MS-3 WI	91-05708	Wood	100	HPS	Cobra-FCO	SE COR OF DAHMS DR + RIVER PARK CIR E	\$13.52	Oval Low	\$150.00	\$15.05	\$7.77
							\$619.41		\$6,600.00	\$662.20	\$341.88

Fixture Count 44

	Monthly	7 Years	10 Years	15 Years	20 Years
Current	\$619.41	\$52,030.44	\$74,329.20	\$111,493.80	\$148,658.40
Proposed	\$662.20	\$55,624.80	\$67,932.48	\$88,445.28	\$108,958.08

Savings (\$42.79) (\$3,594.36) \$6,396.72 \$23,048.52 \$39,700.32

Upfront Cost \$6,600.00

We Energies
NIGHT AURA® LIGHTING RATES EFFECTIVE JANUARY 1, 2015
STATE OF WISCONSIN

RATE SCHEDULE	CLASS OF SERVICE	FLAT RATE	
Ms-3	Standard Street or Alley Lighting (Munis only) Sodium 50 W 70 W 100 W 150 W 200 W 250 W 400 W Metal Halide 175 W 250 W 400 W Embedded Credit for new street light	10.04 11.63 13.52 15.75 18.35 20.83 27.69 25.14 26.41 30.57 86.50	 per lighting unit
GI-1	Standard Area Lighting Sodium: 70 W 100 W 150 W 200 W 250 W 400 W Metal Halide: 175 W 250 W 400 W Pole (contracted prior to 1/26/06) \$2.80/mo. Span (contracted prior to 1/26/06) \$2.73/mo.	<u>Standard</u> 11.63 13.52 15.75 18.35 20.83 27.69 25.14 26.41 30.57	<u>Directional Flood</u> 15.01 19.76 28.87 26.45 27.85 31.82
Ms-4	Non-standard Street & Area Lighting * 50 W Sodium 70 W Sodium 100 W Sodium 150 W Sodium 175 W Metal Halide 200 W Sodium 250 W Sodium and Metal Halide 400 W Sodium and Metal Halide	2.30 3.39 5.25 7.44 8.43 9.84 12.25 18.93	plus Facilities Charge plus Facilities Charge plus Facilities Charge plus Facilities Charge plus Facilities Charge plus Facilities Charge plus Facilities Charge plus Facilities Charge
AI-1	Alley Lighting (Municipal Customer-Owned): 0 – 10 W LED 10 – 20 W LED 20 – 30 W LED 30 – 40 W LED 40 – 50 W LED 50 – 60 W LED 50 W Sodium 70 W Sodium 100 W Sodium	2.32 2.65 3.06 3.48 3.89 4.29 4.29 5.38 7.24	

* Option "A" - Facilities charge is 1.9% of the estimated installed cost.

Option "B" - Facilities charge is 0.5% of the estimated installed cost plus the one time estimated installed cost payable upon installation.

We Energies
NIGHT AURA® LIGHTING RATES EFFECTIVE JULY 1, 2015
STATE OF WISCONSIN

Rate Schedule LED

Installation and Facilities Charge – Standard Lighting Fixture

Light Fixture	Installed Cost Per Light Fixture Range		Installation Charge (per Light Fixture)	Facilities Charge (per Light Fixture, per Month)		Early Removal Charge (x Months Remaining in Initial Term)
Class	From	To		During Initial Term*	After Initial Term*	
A	\$1	\$249	\$100	\$9.26	\$3.65	\$5.61
B	\$250	\$349	\$125	\$10.59	\$4.22	\$6.37
C	\$350	\$449	\$150	\$12.15	\$4.87	\$7.28
D	\$450	\$549	\$175	\$13.70	\$5.52	\$8.19
E	\$550	\$649	\$200	\$15.26	\$6.17	\$9.10
F	\$650	\$749	\$225	\$16.82	\$6.82	\$10.00
G	\$750	\$849	\$250	\$18.38	\$7.47	\$10.91
H	\$850	\$949	\$275	\$19.94	\$8.12	\$11.82
I	\$950	\$1,049	\$300	\$21.49	\$8.77	\$12.73

Installation and Facilities Charge – Non-Standard Lighting Fixture

Light Fixture	Installed Cost Per Light Fixture Range		Installation Charge	Facilities Charge (per Light Fixture, per Month)		Early Removal Charge (x Months Remaining in Initial Term)
Class	From	To		During Initial Term*	After Initial Term*	
A	\$1	\$249	**	\$6.20	\$3.62	\$2.58
B	\$250	\$349	**	\$6.77	\$4.19	\$2.58
C	\$350	\$449	**	\$7.42	\$4.84	\$2.58
D	\$450	\$549	**	\$8.07	\$5.49	\$2.58
E	\$550	\$649	**	\$8.72	\$6.14	\$2.58
F	\$650	\$749	**	\$9.37	\$6.79	\$2.58
G	\$750	\$849	**	\$10.02	\$7.44	\$2.58
H	\$850	\$949	**	\$10.67	\$8.09	\$2.58
I	\$950	\$1,049	**	\$11.32	\$8.74	\$2.58
J	\$1,050	\$1,149	**	\$11.97	\$9.39	\$2.58
K	\$1,150	\$1,249	**	\$12.62	\$10.04	\$2.58
L	\$1,250	\$1,349	**	\$13.27	\$10.69	\$2.58
M	\$1,350	\$1,449	**	\$13.92	\$11.34	\$2.58
N	\$1,450	\$1,549	**	\$14.57	\$11.99	\$2.58
O	\$1,550	\$1,649	**	\$15.22	\$12.64	\$2.58
P	\$1,650	\$1,749	**	\$15.87	\$13.29	\$2.58
Q	\$1,750	\$1,849	**	\$16.52	\$13.94	\$2.58
R	\$1,850	\$1,949	**	\$17.17	\$14.59	\$2.58
S	\$1,950	\$2,049	**	\$17.82	\$15.24	\$2.58
T	\$2,050	\$2,149	**	\$18.47	\$15.89	\$2.58

Source Charge, LED \$1.00 per fixture per month

Energy Charge (per month per light fixture)

Monthly		Monthly		Monthly	
kWh	Charge	kWh	Charge	kWh	Charge
0-3	\$0.32	40-42	\$4.44	79-81	\$8.57
4-6	\$0.63	43-45	\$4.76	82-84	\$8.89
7-9	\$0.95	46-48	\$5.08	85-87	\$9.21
10-12	\$1.27	49-51	\$5.40	88-90	\$9.52
13-15	\$1.59	52-54	\$5.71	91-93	\$9.84
16-18	\$1.90	55-57	\$6.03	94-96	\$10.16
19-21	\$2.22	58-60	\$6.35	97-99	\$10.48
22-24	\$2.54	61-63	\$6.67	100-102	\$10.79
25-27	\$2.86	64-66	\$6.98	103-105	\$11.11
28-30	\$3.17	67-69	\$7.30	106-108	\$11.43
31-33	\$3.49	70-72	\$7.62	109-111	\$11.75
34-36	\$3.81	73-75	\$7.94	112-114	\$12.06
37-39	\$4.13	76-78	\$8.25	115-117	\$12.38

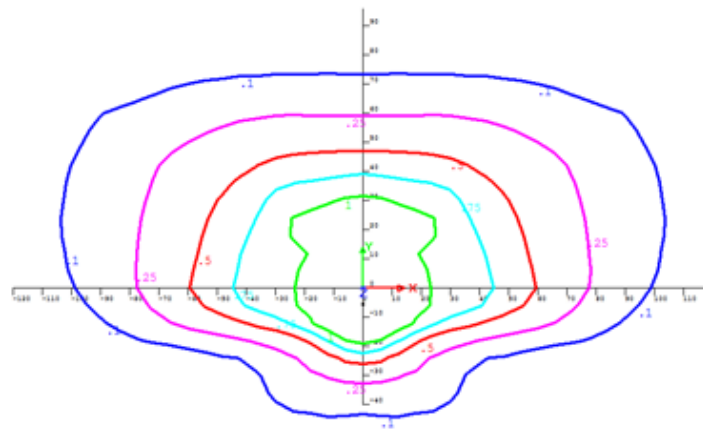
Standard LED

Rates LE-4 / LE-6

Oval, Gray						
Lumen Output	Fixture Class	Rated Watts	Billed kWh	Installation Charge	Monthly Rate <84 mon	Monthly Rate 85 +mon
Low 3K	C	48	17	\$150	\$15.05	\$7.77
Low 4K	C	43	16	\$150	\$15.05	\$7.77
Med 3K	D	97	35	\$175	\$18.51	\$10.33
Med 4K	D	97	35	\$175	\$18.51	\$10.33
High 4K	E	157	57	\$200	\$22.29	\$13.20



Medium Output shown

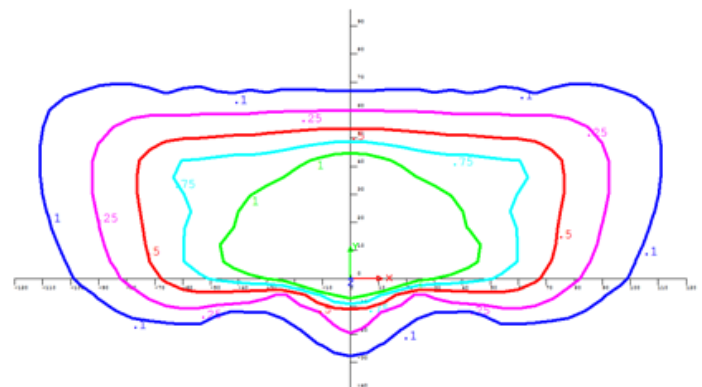


Medium Oval @30' MH

Rectangular, Dark Bronze						
Lumen Output	Fixture Class	Rated Watts	Billed kWh	Installation Charge	Monthly Rate <84 mon	Monthly Rate 85 +mon
Low 3K	D	59	21	\$175	\$16.92	\$8.74
Low 4K	D	50	18	\$175	\$16.60	\$8.42
Med 3K	E	104	37	\$200	\$20.39	\$11.30
Med 4K	E	93	34	\$200	\$20.07	\$10.98
High 4K	F	165	59	\$225	\$24.17	\$14.17



Medium Output shown



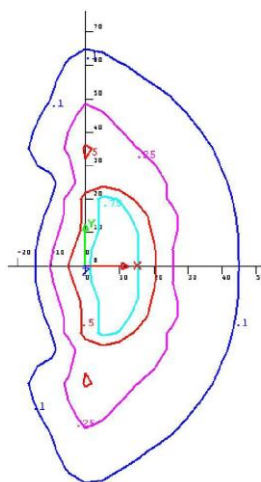
Medium Rectangular @30' MH

Standard LED Rates LE-4 / LE-6

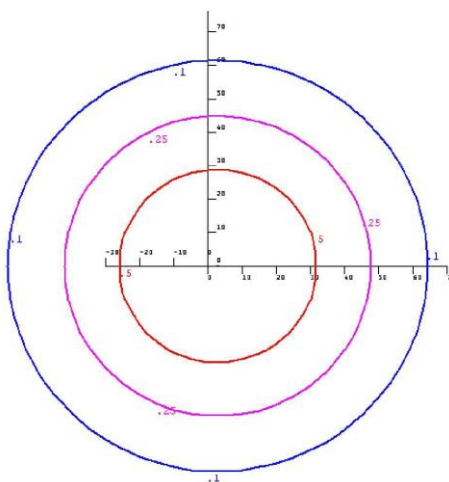
Yard Light, Gray						
Lumen Output	Fixture Class	Rated Watts	Billed kWh	Installation Charge	Monthly Rate <84 mon	Monthly Rate 85 +mon
V Low	B	22	8	\$125	\$12.54	\$6.17
Low	B	40	14	\$125	\$13.18	\$6.81



Very Low includes 3" lens
Low includes 2" glare shield



Very Low @ 25' MH

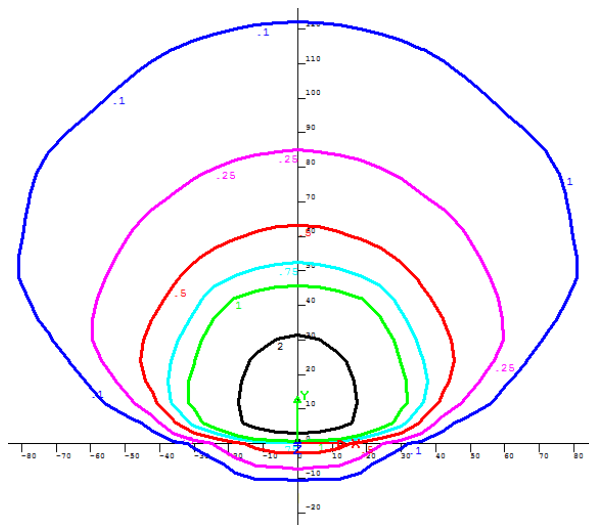


Low @ 25' MH

Flood Light, Dark Bronze						
Lumen Output	Fixture Class	Rated Watts	Billed kWh	Installation Charge	Monthly Rate <84 mon	Monthly Rate 85 +mon
Low	E	85	31	\$200	\$19.75	\$10.66
Med	G	129	47	\$250	\$24.46	\$13.55
High	H	199	72	\$275	\$28.56	\$16.74



Medium Output shown



Medium Floodlight @ 30' MH

Ron Bittner

From: Hatton, Andrea <Andrea.Hatton@wecenergygroup.com>
Sent: Thursday, December 19, 2019 12:31 PM
To: Ron Bittner
Subject: Information Re: LED Conversion of Street Lights in River Park Estates
Attachments: ROL CONV INFO MUKWONAGO RIVER ESTATES.pdf; Authorization Cover Letter WI River Park Estates Mukwonago.pdf; led_standard_wi.pdf; wi_lightingrates.pdf

Importance: High

Mr. Bittner,

My co-worker Deb Domagalski has informed us that you have expressed some interest in converting some Mukwonago area street lights to LED. I have attached some information for your review. Please find a cost summary of current lights found in the River Park Estates neighborhood. There are currently 44 lights with either 100W or 150W cobra HPS fixtures. We would recommend our Low Oval LED fixture for all which has a \$150 upfront installation fee per fixture for a total upfront cost of \$6,600. I have included some fixture and rate information as well so you can have a visual of the recommended fixture – located on pg. 1 of the LED Standard WI - PDF. The letter attached is an authorization letter that will need to be signed and returned along with a check for \$6,600 if it is decided that the project will be moving forward. The letter addresses how the check is to be made out and the address at the top left-hand corner is where it should be returned.

Please review the documentation and let us know if you have any questions or concerns.

Thank you,

Andrea Hatton
Lighting Consultant
Direct: 414-221-4454
Andrea.Hatton@wecenergygroup.com

AGENDA ITEM REQUEST FORM

Committee/Board:	Village Board
Topic:	Motion to approve and authorize the Village President sign the lighting agreement with WE Energies for the additional street light on Fox River View.
From:	Diana Dykstra
Department:	Public Works
Presenter:	Ron Bittner
Date of Committee Action (if required)	January 8, 2020
Date of Village Board Action (if required)	January 15, 2020

Information

Subject:

Motion to approve and authorize the Village President sign the lighting agreement with WE Energies for the additional street light on Fox River View.

Background Information/Rationale:

The Fox River View home owners association requested an additional street light on Fox River View. They are willing to pay the installation cost of \$5,076.89 with the Village assuming the monthly lighting charge of \$14.84. after installation.

Key Issues for Consideration:

We are requesting a recommendation to the Village Board to have the Village president sign the lighting agreement with WE Energies for the additional street light on Fox River View.

Fiscal Impact (if any):

\$14.84 added to the WE Energies monthly lighting charges for street lights.

Requested Action by Committee/Board:

Attachments

Fox River View Street Light



We Energies
231 W. Michigan St.
Milwaukee, WI 53203
www.we-energies.com

December 9, 2019

Village of Mukwonago
Attn: Ron Bittner
440 River Crest Ct.
Mukwonago, WI 53149

Subject: Work Request 4373793; Lighting at 1631 Fox River Run V/Mukwonago - Option 1 - One Fixture

Dear Ron :

This letter details a work request for We Energies Outdoor Lighting. The upfront charge for this work, which expires 90 days from the date of this letter, is \$5,076.89, and does not include site restoration. Net monthly charges will initially increase by \$14.84, which is subject to future rate changes as approved by the Public Service Commission of Wisconsin.

Review the following prior to providing authorization and payment:

- Luminaires are controlled to provide dusk to dawn operation.
- Customer must contact We Energies for lighting maintenance.
- Fixtures are warranted until removed.
- Non-Standard poles and conductors are warranted for 15 years.
- Customer must locate private underground facilities and grant or obtain, without expense to We Energies, access to property, necessary permissions, easements, ordinance satisfaction and permits for installation, removal and maintenance of lighting facilities.
- Termination or change requests after installation and prior to conclusion of the initial term result in customer charges. Monthly rates for fixtures on the LED rate are reduced after the initial term.
- All applicable lighting tariff terms and conditions are available at we-energies.com.
- We Energies does not guarantee this installation meets AASHTO or the Illuminating Engineering Society's minimum recommended standards for lighting.

Please sign the enclosed documents and return them, along with payment for the upfront charge (payable to We Energies) in the envelope provided. Material will be ordered upon receipt of required authorizations and payment. Work request will be scheduled when all contingencies are met. If you have any questions, please call me at 920-563-1273. We look forward to working with you on your lighting project.

Sincerely,

Deborah Domagalski

By signing this letter, you authorize us to do this work and acknowledge acceptance of the rates and conditions of the specified tariffs as approved by the Public Service Commission of Wisconsin.

Signature: _____ Date: _____

Print name: _____ Title: _____

Enclosures

Non-Standard Lighting Record - WI

Billing Name					VILLAGE OF MUKWONAGO				
Billing Address									
C/T/V				State	WI	Zip	53149		
Service Address, if different than Billing Address									
Name									
Address									
C/T/V				State		Zip			
Premise Account					Install Remove				
New Account?					☐ Yes				
Customer Type					Governmental (MS4 / LE6)				
Work Request					4373793				
Related Work Request									
Page # / of #					1 OF 1				

[illegible]

	\$14.84	Total monthly charges, or net change, before taxes
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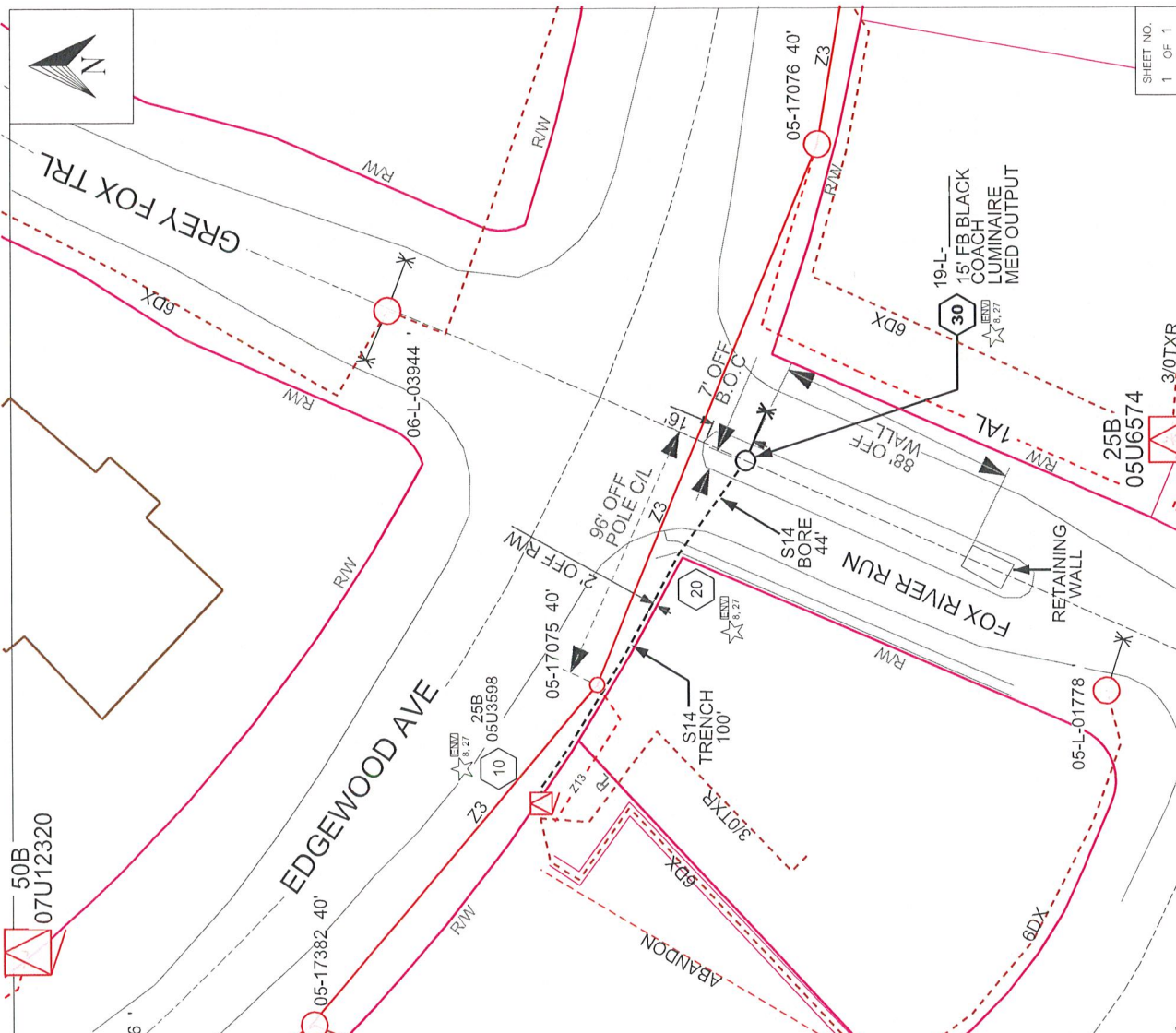
* Monthly total subject to future rate changes approved by Public Service Commission

Comments:

Authorization:

Property Owner / Authorized Representative Signature

Date



ELEC WIR DES 4373793 GAS WIR _____		COMMON INFORMATION STAKING REQUIREMENTS: ☒ SURVEYOR ☐ STAKED ☐ DESIGNER ☐ NOT NEEDED ☒ NO RESTORE PRIVATE PROPERTY: ☒ WE ENERGIES ☐ CUSTOMER	
CITY / TOWN / VILLAGE: VILLAGE OF MUKWONAGO CUSTPROJ NAME: VILLAGE OF MUKWONAGO PROJECT LOCATION: 1631 FOX RIVER RUN		WORK IS APPROX 57 FT. DIRECTION SW OF CL OF EDGEWOOD AVE NEAREST CROSS STREET (also for gas service tied)	
WORK DESCRIPTION: INSTALL NONSTD STREET LIGHT		ELECTRIC INFORMATION OPER MAP #: 3924744804 FEDERLINE #: Z77396 CATV JOINT USE #: _____ TEL JOINT USE #: _____	
PREPARED BY: KENYA JENKINS E-MAIL: KENYA.JENKINS@WE-ENERGIES.COM OFFICE #: 314-221-3484 CELL #: 262-424-6888 PAGER #: _____ IO #: 26057 PROJECT ID: _____ OGS #: _____ DATE PREPARED: 4/11/19 DATE REVISED: _____		PROPOSED GAS SERVICE INFORMATION MTR SIZE: _____ MTR TYPE: _____ PRES: ☐ LFV ☐ RELIGHT SERV PIPE SIZE: _____ MATERIAL: _____ CURB VLV ☐ CORNER ☐ THE IN LIPING MTR LOC: _____ FT. OF _____ CONSTRUCTION TYPE: _____	
RAILROAD PERMITTING/FLAGGING REQUIRED ☐ YES ☒ NO RR NAME _____ PHONE #: _____			
SECTION / TOWN / RANGE: SW1/4 SEC 19, T5N, R19E SITE VISIT COMPLETED BY: _____ JOB OWNER: DEBORAH DOMAGALSKI 920-563-1273			
MAIN CONTACTS: ☐ CONTRACTOR/BUILDER: ☐ PLUMBER/HVAC: ☐ ELECTRICIAN: ☒ CUSTOMER: RON BITTNER 262-363-6447			
CONTINGENCIES & COMMENTS: DIGGERS HOTLINE / MISS DIG REQUIRED WE ENERGIES ☐ WILL / ☒ WILL NOT RESTORE WE ENERGIES ☐ WILL / ☒ WILL NOT HAUL SPOIL CUSTOMER IS REQUIRED TO LOCATE ALL PRIVATE UNDERGROUND FACILITIES PRIOR TO INSTALLATION WE ENERGIES IS NOT RESPONSIBLE FOR ROOT DAMAGE			
CONSTRUCTION REMARKS _____ _____			
CUSTOMER'S SIGNATURE OF APPROVAL _____ DATE _____ CRITICAL SAFETY RULES - EO: 1. Enclosed space procedures 2. Excavation and shoring 3. Rubber gloves and sleeves 4. Fall protection 5. Lock out - Tag out 6. Seat belts 7. Securing parked vehicles			

WE ENERGIES - ELECTRIC OPERATIONS		STANDARD WIRE KEY		NEUTRAL		SECONDARY - 1PHASE		SECONDARY - 3PHASE	
UNLESS OTHERWISE NOTED IN THIS DOCUMENT, THE FOLLOWING NOTES APPLY: -LOCATION OF OBSTRUCTIONS ARE FROM RECORDS AND MUST BE VERIFIED IN THE FIELD. -MAINTAIN 2" MIN. CLEARANCE BETWEEN OUTSIDE FACE OF MANHOLE & BELL OF PIPE. -THIS APPLIES TO GAS AND WATER MAINS. -MAINTAIN 2' MIN. VERTICAL CLEARANCE AT CROSSINGS OF SEWER OR WATER MAINS. -MAINTAIN 5' MIN. HORIZONTAL DIST. BETWEEN CONDUIT AND SEWER. -MAINTAIN 3' MIN. HORIZONTAL DIST. BETWEEN CONDUIT AND WATER MAINS. NOTE - CLEARANCES SHOWN ARE MINIMUM DISTANCES - REFERENCE PERMITS FOR SPECIFIC CLEARANCE REQUIREMENTS. ADDITIONAL UNDERGROUND INFORMATION ON EXCAVATION, BACKFILLING AND CLEARANCES CAN BE FOUND IN STD. 281-02.		OVERHEAD PRIMARY E, F, H, Q, R, W, X or Z		STATIC WIRE - SW 1/0AS for W, H and J; 20AS for R DIRECT BURY PRIMARY - E, F, H, Q, R, W, X or Z		N 1-#2 ACSR N1 1-#1/0 ACSR N2 1-#3/0 ACSR N3 1-#4/0 AL N4 1-#336 ACSR N5 REMOVAL GUYING G 1/4" ARM GUY G1 5/16" ARM GUY G2 3/8" ARM GUY G3 5/16" POLE GUY G4 3/8" POLE GUY G5 7/16" POLE GUY ON SKETCH		S 6DX S1 4 TX S2 2 TX S3 1/0 TXF S4 3/0 TXR S5 350 TX S6 750 TXR S7 1/0 TXF S8 4/0 TXF S9 336 TXR S10 750 TXF S11 3 WIRE REMOVAL S12 3 WIRE MAIN S14 6DX CIC S15 1/0TX CIC	
		Z 1 #2 ACSR Z1 1 #1/0 ACSR Z2 1 #3/0 ACSR Z3 3 #2 ACSR Z4 3 #1/0 ACSR Z5 3 #3/0 ACSR Z7 3 #336 ACSR Z9 SPECIAL LIST ON SKETCH Z10 1 WIRE REMOVAL Z11 2 WIRE REMOVAL Z12 3 WIRE REMOVAL		Z13 1 #1 AL 25KV Z22 1 #2 Cu 15KV Z23 3 #2 Cu 15KV Z24 3 #500 AL 28KV Z25 1 #2 AL 15KV Z26 3 #500 Cu 15KV Z27 3 #500 Cu 28KV Z28 3 #750 Cu 28KV Z29 3 #750 AL 35KV Z21 3 #750 AL 28KV					
WE ENERGIES WORK REQUEST ENVIRONMENTAL NOTES (Notes 1 through 7 apply to ALL work requests)		WE ENERGIES WORK REQUEST ENVIRONMENTAL NOTES		Waterways		Threatened and Endangered Species		Invasive Species	
General 1. If WDNR and/or USACE permits were obtained for the project, all permit conditions shall be met during construction of the project.		Erosion Control 2. If soil disturbance occurs on slopes or channels/ditches leading to wetlands or waterways, or within wetlands, the disturbed areas shall be stabilized and appropriate erosion control Best Management Practices (BMP's) shall be implemented. 3. Erosion Control BMP's shall meet or exceed the approved WDNR Storm Water Management Technical Standards (http://dnr.wi.gov/topic/stormwater/standards/const_standards.html). Refer to We Energies Construction Site Sediment and Erosion Control Standards. 4. Inspect installed erosion control BMP's at least one time per week and after 1/2" rain events; repair as necessary. 5. When temporary stabilization is required (e.g. for winter or short-term construction) prior to final restoration, soil stabilizer shall be installed wherever possible. Erosion mat shall be used temporarily only where appropriate, in accordance with state standards, and when approved by the Operations Supervisor.		13. All excess spoils shall be removed from wetlands and placed in a suitable upland location. 14. Trenching and pit excavations within wetlands shall include soil segregation to facilitate restoration of pre-construction soil stratification, and restoration to pre-construction elevations. 15. Poles scheduled to be removed, and that occur within wetland, shall be cut at the ground surface. 16. No work can be performed within the banks or below the ordinary high watermark of any navigable waterways/streams. 17. No crossing of navigable waterways with equipment can occur. Foot traffic is allowed. 18. Any disturbed soil within 75-feet of the ordinary high water mark of any navigable waterways/streams shall be stabilized within 24 hours of construction completion.		19. Threatened or endangered species are known to occur in the work area. It is illegal to harass, harm, or kill a protected species under state and federal regulations. Proper precautions shall be taken to ensure harm to individuals is avoided. 20. In order to protect the threatened or endangered species, work must be conducted between November 5 and March 15. 21. Exclusion fencing must be installed at the work area prior to March 15. 22. A qualified biologist must be present when conducting work at this location.		23. State regulated invasive species are known to occur in the work area. Reasonable precautions are legally required to prevent the spread of these species. The Wisconsin Council on Forestry Transportation and Utility Right-of Way Best Management Practices should be followed: (http://council.wisconsinforestry.org/invasives/transportation/). Cultural and Historical Resources, cont. 24. The project is within or adjacent to an area that is identified by the State of Wisconsin as potentially having Native American artifacts, burial mounds or burial sites, which could be encountered during construction. 25. If human bone or any artifacts are discovered during construction, work must cease immediately. Contact the Environmental Department who will contact the State Burial Sites Preservation Office and determine the next steps that must be taken in order to comply with state law. Work at that site MAY NOT PROCEED until the Environmental Department authorizes it. 26. A "qualified archaeologist," as specified under Wis. Stats 157.70 (1) (i) and Wis. Admin. Code HS 2.04 (6), must be present to monitor all ground disturbing activities.	
EROSION CONTROL LEGEND APPROXIMATE LOCATION FOR 8, 27 UNDERGROUND FACILITY EXCAVATION INLET PROTECTION, TYPE 12" WATTLE or 12"/20" SEDIMENT LOG or 9.5"/20" EROSION EPI. STONE DITCH CHECK ROCK BAG MULCH SOIL STABILIZER, TYPE A EROSION MAT CLASS I, TYPE A EROSION MAT CLASS I, TYPE B EROSION MAT CLASS I, TYPE A URRAN EROSION MAT CLASS I, TYPE B URRAN EROSION MAT CLASS II EROSION MAT CLASS III VEGETATIVE BUFFER TRACKING PAD TIMBER MAT SILT FENCE TEMPORARY SEDIMENT BASIN SURFACE WATER FLOW		Notes 8 through 27 apply as noted at specific points within each work request: Dewatering 8. Dewatering of pits or trenches shall be done in accordance with state standards. Use an approved sediment bag, a straw bale dewatering basin, a combination of both, or equivalent. Wetlands 9. As much as practicable, the majority of the work shall be staged from the public roadways and road shoulders, keeping equipment out of adjacent wetlands. 10. All work shall be conducted to minimize soil disturbance. No rutting will be allowed within the wetlands. 11. If soils are not frozen or stable to a point that avoids rutting, timber mats, mud tracks, or equivalent shall be utilized to access pole locations. 12. Excavated soils cannot be stockpiled in wetlands.		Frac-out Contingency Plan 27. A frac-out contingency plan shall be on-site and implemented accordingly. The contingency plan shall incorporate the following components. a. Continuously inspect the bore paths for frac-outs in order to respond quickly and appropriately. b. Containment materials (e.g. silt fence, straw bales, sand bags, etc.) shall be on site and available should a frac-out occur. c. A vac truck shall be accessible on short notice in order to respond quickly to a frac-out.		Appendix A			

Committee/Board:	Village Board
Topic:	Motion to approve and authorize the Village President to sign the documents related to WE Energies work order 4243187 for the downtown street light project.
From:	Diana Dykstra
Department:	Public Works
Presenter:	Ron Bittner
Date of Committee Action (if required)	1/8/20
Date of Village Board Action (if required)	1//15/20

Information

Subject:

Motion to approve and authorize the Village President to sign the documents related to WE Energies work order 4243187 for the downtown street light project.

Background Information/Rationale:

Additional LED street lights combined with converting current lights to LEDs were identified as a pedestrian safety measure for the downtown area.

Key Issues for Consideration:

We are requesting a recommendation to the Village Board to authorize the Village President to sign the documents related to WE Energies work order 4243187 for the downtown street light project.

Fiscal Impact (if any):

A one time installation charge of \$4,013.18 and a increase of \$179.15 to the monthly WE Energies street lighting charges.

Requested Action by Committee/Board:

Attachments

[Downtown Streetlight LED addition and conversion](#)



We Energies
231 W. Michigan St.
Milwaukee, WI 53203
www.we-energies.com

November 4, 2019

Village of Mukwonago
PO Box 206
Mukwonago, WI 53149-0206

Subject: Work Request 4243187; Lighting at Various Locations

Dear Mr. Bittner:

This letter details a work request for We Energies Outdoor Lighting. The upfront charge for this work, which expires 90 days from the date of this letter, is \$4,013.18, and does not include site restoration. Net monthly charges will initially increase by \$179.15, which is subject to future rate changes as approved by the Public Service Commission of Wisconsin.

Review the following prior to providing authorization and payment:

- Luminaires are controlled to provide dusk to dawn operation.
- Customer must contact We Energies for lighting maintenance.
- Fixtures are warranted until removed.
- Non-Standard poles and conductors are warranted for 15 years.
- Customer must locate private underground facilities and grant or obtain, without expense to We Energies, access to property, necessary permissions, easements, ordinance satisfaction and permits for installation, removal and maintenance of lighting facilities.
- Termination or change requests after installation and prior to conclusion of the initial term result in customer charges. Monthly rates for fixtures on the LED rate are reduced after the initial term.
- All applicable lighting tariff terms and conditions are available at we-energies.com.
- We Energies does not guarantee this installation meets AASHTO or the Illuminating Engineering Society's minimum recommended standards for lighting.

Please sign the enclosed documents and return them, along with payment for the upfront charge (payable to We Energies) in the envelope provided. Material will be ordered upon receipt of required authorizations and payment. Work request will be scheduled when all contingencies are met. If you have any questions, please call me at 920-563-1273. We look forward to working with you on your lighting project.

Sincerely,

Deborah Domagalski

By signing this letter, you authorize us to do this work and acknowledge acceptance of the rates and conditions of the specified tariffs as approved by the Public Service Commission of Wisconsin.

Signature: _____ Date: _____

Print name: _____ Title: _____

Enclosures

Standard Lighting Record-WI

Billing Name VILLAGE OF MUKWONAGO				Billing Address PO BOX 206 MUKWONAGO				Billing City/State/Zip WI 53149				Billing Phone 53149			
Service Address, if different than Billing Address Name VILLAGE OF MUKWONAGO				Address ROCHESTER ST (PEARL AVE TO HENRY ST)				City/State/Zip WI 53149				City/State/Zip WI 53149			
Customer / Rate Options Governmental (MS3/GL1/ LE5)				Work Request 4243187				Related Work Request 1 OF 2				Premise Account 500-258-452			
New Account? ☐ Yes				Remove 500-258-452											

Ref #	Pole #	Rate	Qty	Style	Source	Color	Fxt Class	Watts / fixture	Fixture Install Charge	Facilities/ fixture per mo	Energy Class (kWh)	Energy fixture per mo	Total / mo w/ Source Charge *	Location Description	Install / Remove Date
100	15-14460	MS3	-1	Cobra,FCO	HPS	Gray	None	150	\$0	\$15.75	n/a	included	(\$15.75)	NW CORNER OF CTH LO AND N ROCHESTER ST INTERSECTION	
100	15-14460	LE5	1	Rectangular	LED	Gray	F	165	\$225	\$16.82	58-60	\$6.35	\$24.17	NW CORNER OF CTH LO AND N ROCHESTER ST INTERSECTION	
110	15-14464	LE5	1	Rectangular	LED	Gray	F	165	\$225	\$16.82	58-60	\$6.35	\$24.17	100' SOUTH OF SW CORNER OF CTH LO AND N ROCHESTER ST INTERSECTION	
120	16-02433	LE5	1	Rectangular	LED	Gray	F	165	\$225	\$16.82	58-60	\$6.35	\$24.17	130' NORTH OF LAKE ST - ON WEST SIDE OF N ROCHESTER ST	
130	16-02439	MS3	-1	Cobra,FCO	HPS	Gray	None	150	\$0	\$15.75	n/a	included	(\$15.75)	SW CORNER OF LAKE ST AND N ROCHESTER INTERSECTION	
130	16-02439	LE5	1	Rectangular	LED	Gray	F	165	\$225	\$16.82	58-60	\$6.35	\$24.17	SW CORNER OF LAKE ST AND N ROCHESTER INTERSECTION	
140	15-12958	MS3	-1	Cobra,FCO	HPS	Gray	None	200	\$0	\$18.35	n/a	included	(\$18.35)	170' SOUTH OF LAKE ST ON EAST SIDE OF N ROCHESTER	
140	15-12958	LE5	1	Rectangular	LED	Gray	F	165	\$225	\$16.82	58-60	\$6.35	\$24.17	170' SOUTH OF LAKE ST ON EAST SIDE OF N ROCHESTER	
150	16-02441	LE5	1	Rectangular	LED	Gray	F	165	\$225	\$16.82	58-60	\$6.35	\$24.17	280' SOUTH OF LAKE ST ON EAST SIDE OF N ROCHESTER ST	
160	97-10198	MS3	-1	Cobra,FCO	HPS	Gray	None	200	\$0	\$18.35	n/a	included	(\$18.35)	370' SOUTH OF LAKE ST ON EAST SIDE OF N ROCHESTER ST	
160	97-10198	LE5	1	Rectangular	LED	Gray	F	165	\$225	\$16.82	58-60	\$6.35	\$24.17	370' SOUTH OF LAKE ST ON EAST SIDE OF N ROCHESTER ST	
170	16-00757	LE5	1	Rectangular	LED	Gray	F	165	\$225	\$16.82	58-60	\$6.35	\$24.17	275' NORTH OF FOX ST ON WEST SIDE OF N ROCHESTER ST	
180	16-00756	MS3	-1	Cobra,FCO	HPS	Gray	None	200	\$0	\$18.35	n/a	included	(\$18.35)	165' NORTH OF FOX ST ON WEST SIDE OF ROCHESTER ST	
180	16-00756	LE5	1	Rectangular	LED	Gray	F	165	\$225	\$16.82	58-60	\$6.35	\$24.17	165' NORTH OF FOX ST ON WEST SIDE OF N ROCHESTER ST	
Additional charges for service extension, permits, etc.										\$413.18					
Total Install Charges										\$2,438.18					
Total monthly charges, or net change, before taxes										\$130.98					

Comments: \$ 388.18 SPAN INSTALL T&M CHARGES.

* Monthly total subject to future rate changes approved by Public Service Commission

Authorization:	Property Owner / Authorized Representative Signature	Date
110 \\psba3naa\Do_server\Data\@Work Management\Temp Storage\Temp\103135431 - 4243187 STD LIGHTING RECORD 1 OF 2		

Standard Lighting Record-WI

Billing Name				VILLAGE OF MUKWONAGO			
Billing Address				PO BOX			
C/T/V				MUKWONAGO			
				State		WI	
				Zip		53149	
Service Address, if different than Billing Address							
Name				VILLAGE OF MUKWONAGO			
Address				ROCHESTER ST (PEARL AVE TO HENRY ST)			
C/T/V				VILLAGE OF MUKWONAGO			
				State		WI	
				Zip		53149	
Premise Account				500-258-452			
New Account?				☐ Yes			
Customer / Rate Options				Governmental (MS3/GL1/LE5)			
Work Request				4243187			
Related Work Request							
Page #/ of #				2 OF 2			
Install				500-258-452			
Remove				500-258-452			

Fixture															
Ref #	Pole #	Rate	Qty	Style	Source	Color	Fixt Class	Watts / fixture	Fixture Install Charge	Facilities/ fixture per mo	Energy Class (kWh)	Energy / fixture per mo	Total / mo w/ Source Charge *	Location Description	Install / Remove Date
190	72-1540	MS3	-1	Cobra,FCO	HPS	Gray	None	200	\$0	\$18.35	n/a	included	(\$18.35)	190' NE OF N ROCHESTER ST ON SOUTH SIDE OF FOX ST	
190	72-1540	LE5	1	Rectangular	LED	Gray	F	165	\$225	\$16.82	58-60	\$6.35	\$24.17	190' NE OF N ROCHESTER ST ON SOUTH SIDE OF FOX ST	
200	16-00772	MS3	-1	Cobra,FCO	HPS	Gray	None	200	\$0	\$18.35	n/a	included	(\$18.35)	SW CORNER OF N ROCHESTER ST AND MAIN ST INTERSECTION	
200	16-00772	LE5	1	Rectangular	LED	Gray	F	165	\$225	\$16.82	58-60	\$6.35	\$24.17	SW CORNER OF N ROCHESTER ST AND MAIN ST INTERSECTION	
210	87-01110	MS3	-1	Cobra,FCO	HPS	Gray	None	200	\$0	\$18.35	n/a	included	(\$18.35)	200' SOUTH OF MAIN ST AND N ROCHESTER INTERSECTION ON EAST SIDE OF MAIN ST	
210	87-01110	LE5	1	Rectangular	LED	Gray	F	165	\$225	\$16.82	58-60	\$6.35	\$24.17	200' SOUTH OF MAIN ST AND N ROCHESTER INTERSECTION ON EAST SIDE OF MAIN ST	
220	16-00754	MS3	-1	Cobra,FCO	HPS	Gray	None	200	\$0	\$18.35	n/a	included	(\$18.35)	SE CORNER OF ATKINSON ST AND S ROCHESTER ST	
220	16-00754	LE5	1	Rectangular	LED	Gray	F	165	\$225	\$16.82	58-60	\$6.35	\$24.17	SE CORNER OF ATKINSON ST AND S ROCHESTER ST	
230	76-8708	MS3	-1	Cobra,FCO	HPS	Gray	None	150	\$0	\$15.75	n/a	included	(\$15.75)	MIDWAY BETWEEN MAIN ST AND JEFFERSON ST ON SOUTH SIDE OF ATKINSON ST	
230	76-8708	LE5	1	Rectangular	LED	Gray	F	165	\$225	\$16.82	58-60	\$6.35	\$24.17	MIDWAY BETWEEN MAIN ST AND JEFFERSON ST ON SOUTH SIDE OF ATKINSON ST	
240	08-11129	MS3	-1	Cobra,FCO	HPS	Gray	None	100	\$0	\$13.52	n/a	included	(\$13.52)	150' NORTH OF HENRY ST ON WEST SIDE OF S ROCHESTER ST	
240	08-11129	LE5	1	Rectangular	LED	Gray	F	165	\$225	\$16.82	58-60	\$6.35	\$24.17	150' NORTH OF HENRY ST ON WEST SIDE OF S ROCHESTER ST	
250	16-06236	MS3	-1	Cobra,FCO	HPS	Gray	None	200	\$0	\$18.35	n/a	included	(\$18.35)	NW CORNER OF HENRY ST AND S ROCHESTER ST INTERSECTION	
250	16-06236	LE5	1	Rectangular	LED	Gray	F	165	\$225	\$16.82	58-60	\$6.35	\$24.17	NW CORNER OF HENRY ST AND S ROCHESTER ST INTERSECTION	
				Poles, GL1											
				Spans, GL1											
Additional charges for service extension, permits, etc.															

* Monthly total subject to future rate changes approved by Public Service Commission

Comments:

AGENDA ITEM REQUEST FORM

Committee/Board:	Village Board
Topic:	Motion to approve the request for educational pay incentive from Officer Michael Kubiak.
From:	Diana Dykstra
Department:	Police
Presenter:	Police Chief Kevin Schmidt
Date of Committee Action (if required)	January 8, 2020
Date of Village Board Action (if required)	January 15, 2020

Information

Subject:

Motion to approve the request for educational pay incentive from Officer Michael Kubiak.

Background Information/Rationale:

Article 6 of the Mukwonago Professional Police Association contract states as follows:

“For employees hired after 3/1/95, credits earned and approved in the foregoing program will be compensated per annum, in the following manner:

Associates + 15 credits	Associates + 30 credits	Associates + 45 credits	Bachelors Degree
\$ 700	\$ 800	\$ 900	\$ 1,500

Key Issues for Consideration:

Officer Michael Kubiak was hired by the department in August of 2018. Officer Kubiak has taken courses required to obtain a degree in Police Science/Criminal Justice. He has taken courses through Milwaukee Area Technical College, Mount Senario College and Columbia Southern University.

To date, Officer Kubiak has obtained 76 credits toward his degree.

Fiscal Impact (if any):

Officer Michael Kubiak should receive \$700 per year, divided by 26 pay periods.

However, he should not receive the payment until monies advanced to him are paid back to the Village.

Per the current contract ***"The officer will not be eligible to receive an incentive payment while advanced monies are owed by an officer. Instead, the Village shall apply what would otherwise be paid to the officer against their balance for advanced tuition, until such amount is paid back in full."***

Requested Action by Committee/Board:

Attachments

[Officer Kubiak request.pdf](#)

[Letter to Police Commission.pdf](#)

[Police Commission Approval.docx](#)

DATE: 11/16/2019

TO: CHIEF SCHMIDT

FROM: OFFICER KUBIAK

REFERENCE: EDUCATIONAL INCENTIVE

Chief,

I am submitting this as I have completed 15 credits from Columbia Southern University on top of the 66 credits I previously had. I am requesting to start receiving my educational incentive pay so I can start paying the Village back for these courses. I have attached a transcript from my current enrollment from Columbia Southern University. The other transcripts from my other colleges I have already provided to you.

Thank you,

Officer Kubiak 1241

A handwritten signature in black ink, consisting of a stylized, sweeping line followed by the number '1241'.

DATE: December 12, 2019

TO: Village of Mukwonago Police Commission

FROM: Police Chief Kevin Schmidt

REFERENCE: Request from Officer Michael Kubiak for pay incentive plan, per Article 6 of the current contract between the Village of Mukwonago and the Mukwonago Professional Police Association.

Officer Michael Kubiak requests the educational pay incentive, per Article 6 of the current contract between the Village of Mukwonago and the Police Association.

Article 6 currently reads:

PAY INCENTIVE PLAN

Any member of the Mukwonago Police Department may enroll in an educational program leading to an associate, bachelor's or masters' degree in any of the following: Police Science, Criminal Justice, Sociology, Psychology or Political Science or other Police-related field...

For employees hired after 3/1/95, credits earned and approved in the foregoing program will be compensated per annum, in the following manner:

<u>Associates +15</u>	<u>Associates +30</u>	<u>Associates +45</u>	<u>Bachelors Degree</u>
\$700	\$800	\$900	\$1,500

Milwaukee Area Technical College transcript:

Officer Kubiak supplied an official transcript he obtained from Milwaukee Area Technical College.

In reviewing the transcript, from 1995 to early 1998, Officer Kubiak earned forty-five (45) credits in required courses of the Police Science program.

Mount Senario College transcript:

Officer Kubiak also supplied an official transcript he obtained from courses he took through Mount Senario College. In reviewing the transcript, Officer Kubiak took six (6) courses through Mount Senario College and obtained sixteen (16) credits toward a Criminal Justice degree.

Columbia Southern University transcript:

Since joining our department in August of 2018, Officer Kubiak has been taking courses through Columbia Southern University toward a Bachelor of Science degree in Criminal Justice. In reviewing the transcript, Officer Kubiak has taken and successfully passed five (5) courses and has earned fifteen (15) credits from Columbia Southern University.

Police Chief recommendation:

After reviewing the records supplied by Officer Kubiak, I recommend that he receive the pay incentive for Associates + 15 credits, or \$700, as set forth in the current police contract.

The State of Wisconsin requires that all police officers within five years of their hire date obtain an Associate Degree or the equivalent of an Associate Degree, which is sixty (60) credits. Officer Kubiak has obtained the equivalent of an Associate Degree by obtaining sixty-one (61) credits in Police Science courses, and he has earned an additional fifteen (15) credits from Columbia Southern University.

12/12/2019
Date

Chief Kevin Schmidt
Police Chief Kevin Schmidt

DATE: 11/16/2019

TO: CHIEF SCHMIDT

FROM: OFFICER KUBIAK

REFERENCE: EDUCATIONAL INCENTIVE

Chief,

I am submitting this as I have completed 15 credits from Columbia Southern University on top of the 66 credits I previously had. I am requesting to start receiving my educational incentive pay so I can start paying the Village back for these courses. I have attached a transcript from my current enrollment from Columbia Southern University. The other transcripts from my other colleges I have already provided to you.

Thank you,

Officer Kubiak 1241

A handwritten signature in black ink, consisting of a stylized, sweeping line followed by the number '1241'.

02/27/18

MILWAUKEE AREA TECHNICAL COLLEGE
TRANSCRIPTMr. Michael L. Kubiak
515 W Moreland Blvd
Waukesha, WI 53188

ID Number: 0309995

Birth Date: 12/30/74

45 credits

Course	Title	Grd	Repeat	Credits Att	Credits Cmpd	Grade Points	Course Dates	Credit Type	Notes
POLICE 102	Org & Admin	B		3.00	3.00	9.00000	01/17/95-05/19/95		
POLICE 113	Criminal Law	D+		3.00	3.00	3.75000	01/19/95-05/19/95		
Term SP1995 Totals:				6.00	6.00	12.7500	GPA =	2.1250	
Cumulative Totals:				6.00	6.00	12.7500	GPA =	2.1250	
POLICE 141	Rept-Writ Rec Intvw	B		3.00	3.00	9.00000	08/30/95-12/20/95		
POLICE 150	Hist-Phil/Policing	C		3.00	3.00	6.00000	08/29/95-12/20/95		
Term FA1996 Totals:				6.00	6.00	15.0000	GPA =	2.5000	
Cumulative Totals:				12.00	12.00	27.7500	GPA =	2.3125	
POLICE 135	Juvenile Law/Proced	W	R Repl	0.00	0.00	0.00000	01/19/96-05/17/96		
PLANG 117	Conv Span/Serv Oc 1	W		0.00	0.00	0.00000	01/29/96-05/15/96		
Term SP1996 Totals:				0.00	0.00	0.0000	GPA =	0.0000	
Cumulative Totals:				12.00	12.00	27.7500	GPA =	2.3125	
ENG 201	English 1	C+		3.00	3.00	6.75000	08/29/96-12/20/96		
MATH 191	Beginning Algebra	U		3.00	0.00	0.00000	08/29/96-12/20/96		
Term FA1997 Totals:				6.00	3.00	6.7500	GPA =	1.1250	
Cumulative Totals:				18.00	15.00	34.5000	GPA =	1.9167	
POLICE 135	Crime Prevention	C+		3.00	3.00	6.75000	01/27/97-05/21/97		
ENG 202	English 2	B		3.00	3.00	9.00000	01/21/97-05/21/97		
POLICE 135	Juvenile Law/Proced	B-		3.00	3.00	8.25000	01/17/97-05/21/97		
PSYCH 231	Introductory Psych	B		3.00	3.00	9.00000	01/22/97-05/21/97		
Term SP1997 Totals:				12.00	12.00	33.0000	GPA =	2.7500	
Cumulative Totals:				30.00	27.00	67.5000	GPA =	2.2500	
POLICE 108	Int/Crim Justice Pr	B		3.00	3.00	9.00000	09/03/97-12/17/97		
PHYED 210	Activ Appr/Well-Fit	A-		3.00	3.00	11.25000	09/05/97-12/12/97		
ECON 195	Economics	W		0.00	0.00	0.00000	09/08/97-12/18/97		
POLICE 117	Arrest Search Seiz	B		3.00	3.00	9.00000	09/09/97-12/16/97		
Term FA1998 Totals:				9.00	9.00	29.2500	GPA =	3.2500	
Cumulative Totals:				39.00	36.00	96.7500	GPA =	2.4808	
POLICE 113	Criminal Law	D	R Repl	3.00	3.00	3.00000	01/27/98-05/12/98		
POLICE 123	Criminal Investig	A-		3.00	3.00	11.25000	01/22/98-05/14/98		

Academic Summary: Total Undergraduate including
Advanced Standing, Military Credit, ByPass, Special,
CLEP and Academic Renewal

New Grade Information: E = Effort; Grade Points 0.00

3/2/27/18

MILWAUKEE AREA TECHNICAL COLLEGE
TRANSCRIPT

4

Mr. Michael L. Kubiak

ID Number: 0309995

315 W Moreland Blvd

Waukesha, WI 53188

Birth Date: 12/30/74

Course	Title	Grd	Repeat	Credits Att	Credits Cmpt	Grade Points	Course Dates	Credit Type	Notes
POLICE 131	Traffic Theory	B		3.00	3.00	9.00000	01/26/98-05/11/98		
POLICE 115	Criminal Evidence	W		0.00	0.00	0.00000	01/28/98-05/13/98		
Term SP1998		Totals:	9.00	9.00	20.2500	GPA = 2.5833			
Cumulative Totals:			45.00	42.00	117.0000	GPA = 2.6000			
POLICE 152	Victimology	B+		3.00	3.00	9.75000	09/03/98-12/17/98		
Term FA1999		Totals:	3.00	3.00	9.7500	GPA = 3.2500			
Cumulative Totals:			48.00	45.00	126.7500	GPA = 2.6406			
POLICE 115	Criminal Evidence	W	R Repl	0.00	0.00	0.00000	01/22/99-05/21/99		
Term SP1999		Totals:	0.00	0.00	0.0000	GPA = 0.0000			
Cumulative Totals:			48.00	45.00	126.7500	GPA = 2.6406			
POLICE 402	Specialized Use of Force Train P			0.00	0.00	0.00000	05/14/09-05/14/09		
Term SP2009		Totals:	0.00	0.00	0.0000	GPA = 0.0000			
Cumulative Totals:			48.00	45.00	126.7500	GPA = 2.6406			
TOTALS: CRED ATT			48.00	CRED CPT	45.00	GRADE PTS = 126.7500	GPA = 2.6406		

Academic Summary: Total Undergraduate including
Advanced Standing, Military Credit, ByPass, Special,
CLEP and Academic Renewal
New Grade Information: E = Effort; Grade Points 0.00

OFFICIAL TRANSCRIPT

Mount Senario College
1500 College Av W
Ladysmith, WI 54848
(715) 532-5511

PAGE: 1

DATE: 10/16/2002

16 credits

Kubiak Michael L
4134 South 122nd Street
Greenfield, WI 53228

399748399

00/00/0000

COURSE		CREDIT		QUAL	TERM
ID	TRANSFER TITLE	GRD	ATTEMPT	EARNED POINTS	GPA
WISCONSIN CORRECTIONS					
CJ-231	WCOR/INTRO TO CORRECTIONS			3.00	
CJ-433	WCOR/CORRECTIONAL INSTITN			3.00	
ES-200	WCOR/1ST AID & CPR			2.00	
HR-102	WCOR/PERSONAL FITNESS			2.00	
TOTALS:				10.00	
MILWAUKEE AREA TECHNICAL COLL					
CJ-11X	POLICE141 /REPT-WRIT REC INTVW ✓	B		3.00	
CJ-12X	POLICE131 /TRAFFIC THEORY ✓	B		3.00	
CJ-13X	POLICE152 /VICTIMOLOGY ✓	B		3.00	
CJ-140	POLICE108 /INT/CRIME JUSTICE PR ✓	B		3.00	
CJ-1XX	POLICE102 /ORG & ADMIN ✓	B		3.00	
CJ-252	POLICE117 /ARREST SEARCH SEIZ ✓	B		3.00	
CJ-262	POLICE100 /HIST-PHIL/POLICING ✓	C		3.00	
CJ-323	POLICE125 /CRIME PREVENTION ✓	C		3.00	
CJ-363	POLICE123 /CRIMINAL INVESTIGATN ✓	A		3.00	
CJ-382	POLICE135 /JUVENILE LAW/PROCED ✓	B		3.00	
EN-110	ENG201/ENGLISH 1 ✓	C		3.00	
EN-120	ENG202/ENGLISH 2 ✓	B		3.00	
HR-2XX	PHYED210/ACTIV APPR/WELL-FIT ✓	A		3.00	
PS-101	PSYCH231/INTRO TO PSYCHOLOGY ✓	B		3.00	
TOTALS:				42.00	

COURSE		CREDIT		QUAL	TERM
DEPT	ID	TITLE	GRD R	HRS	ATTEMPT EARNED POINTS GPA
MARCH TERM 2000 OUTREACH					
POSC	PO-101	AMERICAN GOVERNMENT	B	3.00	3.00 9.00
PSYC	PS-210	SOCIAL PSYCHOLOGY	A	3.00	3.00 12.00
TERM TOTALS:				6.00	6.00 21.00 3.500

MAJOR1: CJ ADMIN COL: SS CUMULATIVE: 6.00 58.00 21.00 3.500
MAJOR2: COL:
MINOR1:
MINOR2:
SPECIALIZATION:

Columbia Southern University

Unofficial Transcript

Student Name: Michael L Kubiak

Birth Date: 12/30

Enrollment Date: 03/13/19

Student Number: 294006

Date Printed: 11/16/19

Program Enrolled: Bachelor of Science Criminal
Justice Administration

COURSE	TITLE	SEMESTER HOURS	GRADE
--------	-------	-------------------	-------

COURSE	TITLE	SEMESTER HOURS	GRADE
--------	-------	-------------------	-------

Transfer Credits

Source Hrs

Professional Training

CERT	Basic Jail Officer	Certificate	3
CERT	Crisis Intervention Team	Certificate	3
Total Hours:			6

Milwaukee Area Technical College

POLICE 123	Criminal Investigation	3
ENG 202	English 2	3
POLICE 102	Organization and Administration	3
POLICE 117	Arrest Search Seizure	3
PSYCH 231	Introductory Psychology	3
POLICE 135	Juvenile Law / Proceed	3
POLICE 108	Introduction to Criminal Justice	3
POLICE 141	Report Writing Records Interview	3
POLICE 125	Crime Prevention	3
POLICE 100	History / Philosophy of Policing	3
POLICE 113	Criminal Law	3
POLICE 131	Traffice Theory	3
ENG 201	English I	3
PHYED 210	Active Approach-Wellness/Fitness	3
Total Hours:		42

Mount Senario College

PS 210	Social Psychology	3
PO 101	American Government	3
Total Hours:		6

Total Transfer Credit Hours: 54

Spring 2019

HY 1110	American History I	3	A
MAT 1301	Liberal Arts Math	3	A
TERM:	HOURS: 6	QPTS: 24.00	GPA: 4.00

Summer 2019

BCJ 2002	Theory and Practice of Corrections	3	A
HY 2000	American Military History I	3	A
TERM:	HOURS: 6	QPTS: 24.00	GPA: 4.00

Fall 19/20 Term FA 200L

PHL 1010	Critical Thinking	3	A
TERM:	HOURS: 3	QPTS: 12.00	GPA: 4.00

Degrees Conferred

15 credits

CUMULATIVE SUMMARY

Total Completed HRS	CSU Earned HRS	CSU Attempted HRS
69	15	15
CSU CUMQPTS	CSU CUMGPA	PROGRAM CUMGPA
60.00	4.00	4.00
TRANSFER HRS	DEMONSTRATED COMP.	
54		

END OF TRANSCRIPT

Unofficial Transcript

294006

Michael L Kubiak

To: Village of Mukwonago Personnel Committee
From: Village of Mukwonago Police Commission
Date: December 24, 2019
Re: Request for educational pay incentive for Officer Michael Kubiak

A request for educational pay incentive for Officer Michael Kubiak was brought forth by Chief Kevin Schmidt via email, since there were no regular scheduled Police Commission meeting for the month of December 2019.

As Chair for the Police Commission, I reviewed Officer Kubiak's application and associated documents for "Pay Incentive Plan," as outlined in Article 6 of the contract between the Village of Mukwonago and the Police Association. I concur with Chief Schmidt's recommendation that Officer Kubiak receives the pay incentive for Associates + 15 credits, or \$700.00, as set forth in the current police contract.

I, therefore, request the approval of this matter, by the Personnel Committee at its earliest convenience.

Thank you for your consideration.

Respectfully Submitted,

Kenneth Johnson

Kenneth Johnson
Police Commission / Chairperson

CC: Chief of Police, Kevin Schmidt
Officer Michael Kubiak
Village of Mukwonago Police Commission

AGENDA ITEM REQUEST FORM

Committee/Board:	Village Board
Topic:	Motion to approve Resolution 2020- 01 A resolution to establish a snowmobile route within the limits of the Village of Mukwonago.
From:	Diana Dykstra
Department:	Police
Presenter:	Kevin Schmidt
Date of Committee Action (if required)	01/082020
Date of Village Board Action (if required)	1/15/2020

Information

Subject:

Motion to approve **Resolution 2020- 01** A resolution to establish a snowmobile route within the limits of the Village of Mukwonago.

Background Information/Rationale:

Background Information/Rationale: Section #82-302 (i) (1) of the Village of Mukwonago Municipal Code states as follows:

(i) Snowmobile routes and trails designated.

(1) Routes designated. Except as provided in W.S.A., §§ 350.02 and 350.045, or for snowmobile events authorized in accordance with W.S.A., § 350.04, no person shall operate a snowmobile upon any public right-of-way, in any public park or on any other public municipal property in the village except upon snowmobile routes and trails designated by the village board. The designated routes to be used within the village limits shall be adopted yearly by resolution by the village board, a copy of which shall be on file with the village clerk.

Each winter season, the Village approves the designated snowmobile trails through the Village. The snowmobile trails through the Village of Mukwonago are on the attached map. The main trails run on the north side of the Village. The only trail in the Village that is not depicted on the attached map is the south side of Andrews Street from Main Street to Phantom Lake. The ordinance allows for operation between 6 AM to 10 PM. This is a posted route for snowmobiles only to obtain fuel at the Village Pumper.

Key Issues for Consideration:

The trails have not changed over the past several years. We received no snowmobile noise complaints on the Sno-Snoop trails last season.

Fiscal Impact (if any):

None

Requested Action by Committee/Board:

Attachments

[Resolution 2020 - 01](#)

[County Map](#)

[Village Map](#)

RESOLUTION 2020-XXX

**A RESOLUTION TO ESTABLISH A SNOWMOBILE ROUTE
WITHIN THE LIMITS OF THE VILLAGE OF MUKWONAGO**

WHEREAS, the Protective Services Committee has recommended to the Village Board that a snowmobile route be established within the Village limits, and:

WHEREAS, the Village Board has considered the recommendation of the Protective Services Committee, and:

WHEREAS, the trail shall follow the map as shown on the attached Exhibit “a”, and;

WHEREAS, the snowmobile trail shall generally be 10 to 12 feet wide and correctly marked per Wisconsin Department of Natural Resources standards, and;

WHEREAS, snowmobile traffic down Andrews Street is limited to the hours of 6:00 a.m. to 10:00 p.m.

NOW THEREFORE, be it resolved that the Village Board hereby approves a snowmobile route as shown in the attached pictorial description.

Dated and approved this 15th day of January, 2020.

Fred H. Winchowky, Village President

Attest: _____
Diana Dykstra, Village Clerk-Treasurer

2016 - Waukesha County Interactive Snowmobile Trail Map

Map Advertiser List - Click on [hyperlinks](#)

1. [Road, Track & Trail, LLC](#)
2. [Rob's Performance Motorsports, LLC](#)
3. [Stavbridge Inn and Suites](#)
4. [Ashippun bp - Gas & Convenience](#)
5. [G-Brock's Auto Repair](#)
6. [Willson's Sport & Marine, Inc.](#)
7. [Action Power Sports - Waukesha](#)
8. [Brook-Falls Plumbing Service](#)
9. [Competitive Edges - Landscaping](#)
10. [Kuhrt General Store and Tavern](#)
11. [Proven Power - Sales, Service, Rental](#)
12. [North Lake Nomads Snowmobile Club](#)
13. [Sluggo's Sports Pub and Grill](#)
14. [Hanson's Pub in North Lake](#)
15. [Dousman House - Restaurant](#)
16. [Plantings & Designs - Gardening](#)
17. [East Troy Marine](#)
18. [Brake & Equipment Co.](#)
19. [Woody's Pub & Grill in North Lake](#)
20. [Knucklehead Pub & Grub in Eagle](#)
21. [Don and Roy's Motorsports](#)
22. [Wendy M. Wilbert, CPA - Accountant](#)
23. [Corey Oil - Gas & Diesel - North Lake](#)
24. [Tom & Di's Rustic Inn - Food & Drink](#)
25. [Cedar Creek Motorsports - Cedarburg](#)
26. [B&M Auto Sales & Parts, Inc.](#)
27. [Pribnow's Maple Inn - Food & Drink](#)
28. [The Halvy Lemon Irish Pub](#)
29. [Ox and Cat's Sports Bar & Grill](#)
30. [Carlee's Bar & Grill - Pewaukee](#)
31. [Village Bowl - Buell's Sports Bar](#)
32. [Kilpatrick Engine & Transmission, Inc.](#)
33. [MW Enterprises - Snow & Ice Equip.](#)
34. [Hollywood's Roadhouse Bar & Grill](#)
35. [Blebel's True Value Hardware](#)
36. [Sportland2 Powersports](#)
37. [Slon-A-Rama - Menomonee Falls](#)
38. [G.L.I.D.E. - Snowmobile Club](#)
39. [Tim's Auto Parts, Inc. - Oconomowoc](#)
40. [The Other Bar - Dousman](#)
41. [Small Towne Gas - Mobil](#)
42. [North Lake Inn - Fine Italian Food](#)
43. [Gina's Sports Deck - Bar and Grill](#)
44. [Eagle Springs Pub - Food and Drink](#)
45. [18 West - Drinks Dining Banquets](#)
46. [Hunter's Nest - Food & Drink](#)
47. [Rock River Powersports, Inc.](#)
48. [The Paper Chase Station - Mobil](#)
49. [Quaden Motors, Inc.](#)
50. [John Hartwig Motor Sports, Inc.](#)
51. [Mukwonago Yamaha](#)
52. [Cindi & Mike's Trackside Bar & Grill](#)
53. [T.J.'s Roundabout Pub & Grill](#)
54. [Nationwide Insurance - Jim Kelly](#)
55. [Truck & Auto Elegance - Detailing](#)
56. [Tailgators Sports Bar and Grille](#)
57. [Summer's Saloon and Eatery](#)
58. [Fuel Power Sports - West Bend](#)
59. [Robb Brinkmann Construction, Inc.](#)
60. [Golden Lake Pub](#)
61. [Sussex Bowl - Bowling, Food & Drink](#)
62. [AMSOIL - Jon Weinkauf & Gary Kleser](#)
63. [Freedom Arms Unlimited - Firearms](#)
64. [AER Trailer Sales - Waukesha](#)
65. [Jamie's Customs & Powersports](#)
66. [Brookwood Inn Restaurant & Catering](#)
67. [A.J.'s Bar & Grill in Muskego](#)
68. [Zianego Ready Mix, Inc.](#)
69. [Radtko Appliance Sales & Service](#)
70. [Dennis's Express Service - Repairs](#)
71. [Curly's Waterfront Sports Bar & Grill](#)
72. [Mike's Boat Winterizing](#)
73. [Okayches Redi-Mix, Inc.](#)
74. [G & W Vendors, Inc.](#)
75. [A+ Power Sports and Trailer Sale](#)
76. [Check's Evergreens](#)
77. [New Berlin Suburban Sno-Hawks](#)
78. [Throttle Jockeys Snowmobile Club](#)
79. [John T. Bitner, DDS, LLC - Dentist](#)
80. [Mid-States Distributing - Trailers](#)
81. [Cornerstone Filling Station - Eagle](#)

ATTENTION
All trails in the county are closed if there is less than 6" of snow or the temperature is above 32°F.

Are you in doubt, whether or not to go out??
Call the Trail Conditions Hotline at: **1-414-299-0330** or visit us on the web at: www.waukeshasnow.org

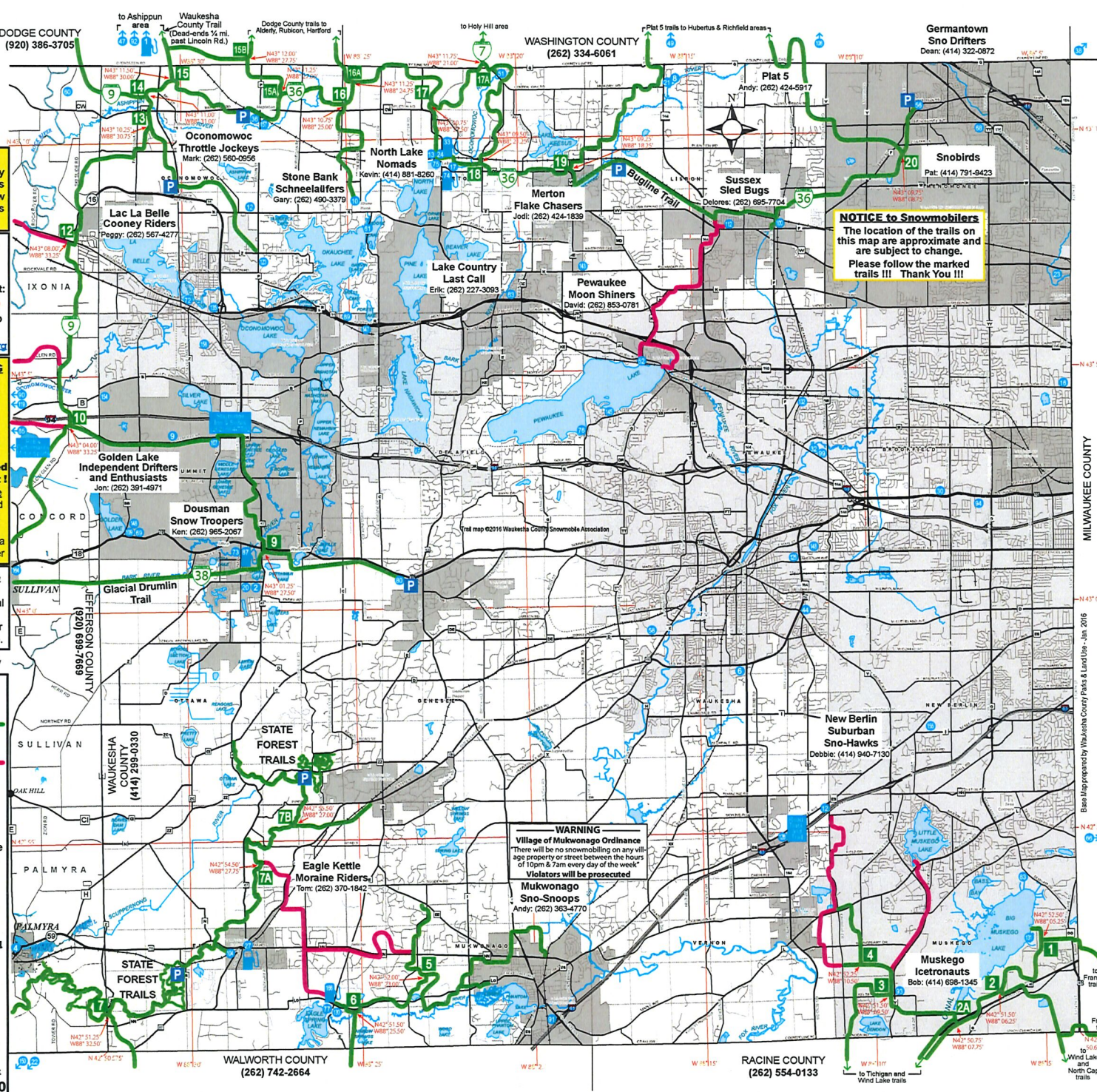
NO TRESPASSING
• Do NOT go riding on the trails if they are closed!
• Stay on marked trails. No cutting corners or leaving the trail!
You will be arrested and fined if caught!
\$25 Reward Available
If information provided to a law enforcement officer leads to the arrest & conviction of a renegade snowmobiler

DNR Snowmobile Safety Classes
Available through local snowmobile clubs
Call: 262-781-0640 or 262-567-7295 for info.

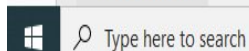
Jefferson County Base Map provided by the Jefferson County Land Information Office

MAP LEGEND

- Funded Trails**
- Club Trails**
- Funded Trail Intersections**
- Approximate Latitude & Longitude of Intersections**
- Please Patronize These Advertisers**
- Parking & Unloading**
- Fuel**
- 'Corridor' Trails**
- Trail Conditions Hotline**
1-414-299-0330



Base Map prepared by Waukesha County Parks & Land Use - Jan. 2016





JANUARY 23 DOWNTOWN DESIGN CHARRETTE

What is YOUR vision for future streetscaping and wayfinding signage for downtown Mukwonago? Come tell us!

<https://mukwonagodowntown.com/>



Thursday,
January 23, 2020

6:00 – 8:00pm

Community Room
(Lower Level of
Village Hall)

Collaborative
Design Process

Ticket Raffle for
Mukwonago Rotary
Presents:
An Evening with
John McGivern

VILLAGE HALL
440 River Crest Ct
Mukwonago, WI 53149
(262) 363-6420

The Village of

Mukwonago
Where life, leisure and business thrive.

AGENDA ITEM REQUEST FORM

Committee/Board:	Village Board
Topic:	Authorize Finance Chair to review and approve an additional AP batch the last week in January capturing 2019 activity to facilitate Financial Audit preparation.
From:	Diana Doherty
Department:	Finance
Presenter:	Diana Doherty
Date of Committee Action (if required)	
Date of Village Board Action (if required)	January 15, 2020

Information
Subject:

Authorize Finance Chair to review and approve an additional AP batch the last week in January capturing 2019 activity to facilitate Financial Audit preparation.

Background Information/Rationale:

There is an extra week between the January Board meeting and the February COW, delaying the posting of Accounts Payable by a week. Audit prep is underway and having final 2019 activity posted would be helpful in determining whether any budget reallocations or amendments are needed.

Key Issues for Consideration:
Fiscal Impact (if any):
Requested Action by Committee/Board:

Attachments

Accounts Payable Cover Sheet

Report:	Period or corresponding report date	
Village Accounts Payable	01-16-2020 check run	\$ 241,053.02
	Total for Approval:	\$ 241,053.02

The preceding list of bills payable was approved for payment

Date: _____

Approved by: _____

01/10/2020 11:32 AM
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DB: Mukwonago

PENDING VILLAGE BOARD REVIEW FOR MUKWONAGO
EXP CHECK RUN DATES 01/16/2020 - 01/16/2020
UNJOURNALIZED OPEN
BANK CODE: GEN - CHECK TYPE: PAPER CHECK

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INVOICE NUMBER	DESCRIPTION	DISTRIBUTIONS\AMOUNTS	APPROVAL AMOUNT DEPARTMENT
VENDOR NAME: AC SERVICE INC			
CU19-36449R	POLICE DEPARTMENT TUBE HEATERS	430-5700-571200 3,910.00	3,910.00 DPW
CE19-34366T	DPW TUBE HEATER INSTALLATION	430-5700-571200 19,465.00	19,465.00 DPW
CE19-34367R	DPW TUBE HEATERS	430-5700-571200 7,530.00	7,530.00 DPW
CU19-36448T	POLICE DEPT. TUBE HEATER/CO DET. INSTAL	430-5700-571200 13,615.00	13,615.00 DPW
TOTAL VENDOR AC SERVICE INC			44,520.00
VENDOR NAME: BADGER GLOVE & SAFETY			
053043	SAFETY EQUIPMENT AND PPE	610-6451-664100 1,297.23	2,297.23 UTILITIES
		620-8010-827000 1,000.00	
TOTAL VENDOR BADGER GLOVE & SAFETY			2,297.23
VENDOR NAME: BAYCOM INC.			
MO-26012-L1W2	MINITOR VI PAGER AND CHARGER	150-5222-531100 691.00	691.00 FIRE
TOTAL VENDOR BAYCOM INC.			691.00
VENDOR NAME: BOUND TREE MEDICAL LLC			
83460277	EMS SUPPLIES	150-5231-531100 20.99	20.99 FIRE
83462961	EMS SUPPLIES	150-5231-531100 225.54	225.54 FIRE
TOTAL VENDOR BOUND TREE MEDICAL LLC			246.53
VENDOR NAME: BRAUN THYSSEN KRUPP ELEVATOR			
3302	ELEVATOR SERVICE AGREEMENT	100-5160-521900 193.36	193.36 DPW
TOTAL VENDOR BRAUN THYSSEN KRUPP ELEVATOR			193.36
VENDOR NAME: BUELOW, VETTER, BUIKEMA, OLSON			
DECEMBER 2019	DECEMBER LABOR ATTY	100-5211-521900 6,380.60	11,989.10 FINANCE
		100-5141-521900 3,879.50	
		610-6920-692300 774.25	
		620-8400-852000 774.25	
		100-5211-521900 180.50	
TOTAL VENDOR BUELOW, VETTER, BUIKEMA, OLSON			11,989.10
VENDOR NAME: C & M AUTO PARTS INC			
6079-310341	3451 REPAIR	150-5231-539500 7.98	7.98 FIRE
6079-309932	GASKET REPAIRS	100-5324-539500 19.94	19.94 DPW
TOTAL VENDOR C & M AUTO PARTS INC			27.92
VENDOR NAME: CENTURYLINK			
DECEMBER 2019 PHONI		100-5142-522500 75.13	582.01 MULTIPLE
		100-5211-522500 55.60	
		100-5323-522500 94.93	
		100-5512-522500 114.04	
		440-5511-522500 114.23	
		610-6920-692100 29.54	
		620-8400-851000 98.54	

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PENDING VILLAGE BOARD REVIEW FOR MUKWONAGO
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INVOICE NUMBER	DESCRIPTION	DISTRIBUTIONS\AMOUNTS		APPROVAL AMOUNT	DEPARTMENT
VENDOR NAME: CENTURYLINK					
TOTAL VENDOR CENTURYLINK				582.01	
VENDOR NAME: CINTAS					
4039113292	UNIFORM SERVICE	610-6920-693000	46.25	92.50	UTILITIES
		620-8010-827000	46.25		
4038533582	UNIFORM SERVICE	610-6920-693000	39.25	78.50	UTILITIES
		620-8010-827000	39.25		
4038533555	STAFF UNIFORMS	100-5323-531100	88.83	88.83	DPW
TOTAL VENDOR CINTAS				259.83	
VENDOR NAME: CONLEY MEDIA, LLC					
6362411219 - CLERK	PUBLICATION OF LEGAL NOTICES	100-5142-531200	421.52	421.52	CLERK
6362411219 - PLANNING	PUB COSTS PC NEWSPAPER ADS	100-5632-531200	184.33	184.33	PLANNER
TOTAL VENDOR CONLEY MEDIA, LLC				605.85	
VENDOR NAME: EBIX					
10012	EBIX FEES - DECEMBER	150-5231-521900	5,112.58	5,112.58	FIRE
TOTAL VENDOR EBIX				5,112.58	
VENDOR NAME: EIASEW					
2020 MEMBERSHIP BH	BOB	100-5241-532400	15.00	15.00	BUILDING
2020 MEMBERSHIP TR	TIM	100-5241-532400	15.00	15.00	BUILDING
TOTAL VENDOR EIASEW				30.00	
VENDOR NAME: EMERGENCY MEDICAL PRODUCTS					
2125475	EMS SUPPLIES	150-5231-531100	2,306.34	2,306.34	FIRE
TOTAL VENDOR EMERGENCY MEDICAL PRODUCTS				2,306.34	
VENDOR NAME: FRIESEMA DAVID					
0000191213-3	FRIESEMA CLOTHING 2019	150-5221-534600	82.56	82.56	FIRE
TOTAL VENDOR FRIESEMA DAVID				82.56	
VENDOR NAME: HADY ELECTRIC INC					
38775	2019 EOC CAPITAL BUDGET - OUTLETS UP HIG	430-5700-571100	450.00	450.00	POLICE
TOTAL VENDOR HADY ELECTRIC INC				450.00	
VENDOR NAME: HAWKINS WATER TREATMENT					
4639857	CHEMICALS FOR TREATMENT	610-6300-663200	1,608.38	1,608.38	UTILITIES
TOTAL VENDOR HAWKINS WATER TREATMENT				1,608.38	
VENDOR NAME: HERNANADEZ-STEIER ROBERT					
23322661	HERNANDEZ-STEIER CLOTHING 2019	150-5222-534600	50.00	50.00	FIRE
TOTAL VENDOR HERNANADEZ-STEIER ROBERT				50.00	
VENDOR NAME: HIPPENMEYER, REILLY, BLUM,					
48894	MISC MATTERS	100-5130-521900	385.00	385.00	FINANCE
48896	PROSECUTIONS	100-5130-521900	82.50	82.50	FINANCE

INVOICE NUMBER	DESCRIPTION	DISTRIBUTIONS\AMOUNTS		APPROVAL AMOUNT	DEPARTMENT
VENDOR NAME: HIPPENMEYER, REILLY, BLUM, 48895 BOX SELF STORAGE					
		100-0000-211425	105.00	105.00	FINANCE
TOTAL VENDOR HIPPENMEYER, REILLY, BLUM,				572.50	
VENDOR NAME: HORN OIL DECEMBER 2019 MONTHLY FUEL					
		100-5212-535100	2,301.53	7,507.06	ALLOCATE
		100-5241-535100	151.80		
		100-5324-535100	2,493.58		
		150-5222-535100	411.73		
		150-5231-535100	1,657.68		
		610-6920-693300	273.85		
		620-8010-828000	216.89		
TOTAL VENDOR HORN OIL				7,507.06	
VENDOR NAME: KURZ ELECTRIC SOLUTIONS S1331727.001 BLOWER MAINTENACE					
		620-8010-833000	43.00	43.00	UTILITIES
TOTAL VENDOR KURZ ELECTRIC SOLUTIONS				43.00	
VENDOR NAME: LA FORCE INC 1742653A WELL 3 DOOR REPAIR					
		610-6210-662500	160.00	160.00	UTILITIES
1742725A	DOOR HINGE REPAIR RIVER PARKS LIFT STATI	620-8020-832000	395.00	395.00	UTILITIES
1742683A	WELL 6 DOOR REPAIRS	610-6210-662500	4,956.00	4,956.00	UTILITIES
TOTAL VENDOR LA FORCE INC				5,511.00	
VENDOR NAME: LYNCH MOTOR VEHICLE GROUP M190634 WATER SERVICE TRUCK					
	(CAPI 610-0000-139200	40,244.50	40,244.50	40,244.50	UTILITIES
TOTAL VENDOR LYNCH MOTOR VEHICLE GROUP				40,244.50	
VENDOR NAME: NATHAN WRIGHT 106979655 WRIGHT CLOTHING 2019					
		150-5222-534600	50.00	50.00	FIRE
TOTAL VENDOR NATHAN WRIGHT				50.00	
VENDOR NAME: NATIONAL ASSOCIATION OF NC12042048-K8 NATIONAL ASSOC OF CHIEF OF POLICE 2020 D					
	100-5211-532400	60.00	60.00	60.00	POLICE
TOTAL VENDOR NATIONAL ASSOCIATION OF				60.00	
VENDOR NAME: NORTHERN LAKE SERVICE INC 370852 WWTF LAB TESTING					
		620-8010-826000	120.00	120.00	UTILITIES
370888	WWTF LAB TESTING	620-8010-826000	252.00	252.00	UTILITIES
370871	WWTF LAB TESTING	620-8010-826000	216.00	216.00	UTILITIES
TOTAL VENDOR NORTHERN LAKE SERVICE INC				588.00	
VENDOR NAME: PLUMBING INSPECTORS ASSOC 2020 MEMBERSHIP TR TIM					
		100-5241-532400	40.00	40.00	BUILDING
2020 MEMBERSHIP BH BOB		100-5241-533500	40.00	40.00	BUILDING
02-21-2020 TR CLASSTIM		100-5241-533500	50.00	50.00	BUILDING
TOTAL VENDOR PLUMBING INSPECTORS ASSOC				130.00	
VENDOR NAME: PROFESSIONAL INTERPRETING 73671 INTERPRETER FEES					
		100-5120-539900	80.00	80.00	FINANCE

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VENDOR NAME: PROFESSIONAL INTERPRETING					
TOTAL VENDOR PROFESSIONAL INTERPRETING				80.00	
VENDOR NAME: PROHEALTH CARE LAB BILLING					
201912-0	2019 BUDGET - DECEMBER BLOOD DRAW FOR OA100-5212-521900	35.00		35.00	POLICE
TOTAL VENDOR PROHEALTH CARE LAB BILLING				35.00	
VENDOR NAME: QUILL LLC					
3665230	OFFICE SUPPLIES FOR STAFF	100-5141-531100	53.95	53.95	FINANCE
3791745	INK FOR STAMPS, RUBBER BANDS	100-5142-531100	24.21	24.21	CLERK
3794774	1099 FORMS FOR 2019 FILING	100-5141-539900	7.89	7.89	FINANCE
TOTAL VENDOR QUILL LLC				86.05	
VENDOR NAME: RICOH USA, INC					
5058468908	RICOH COPIES 10/1/19 - 12/31/19	100-5142-531200	28.84	206.02	ALLOCATE
		150-5221-531100	26.78		
		220-5140-531200	2.06		
		410-5363-531200	4.12		
		440-5511-531200	10.30		
		500-5344-531200	2.06		
		610-6920-693000	67.99		
		620-8400-856000	63.87		
TOTAL VENDOR RICOH USA, INC				206.02	
VENDOR NAME: RUEKERT & MIELKE, INC.					
130058	GIS SERVICES	100-5344-521900	1,827.20	4,000.00	DPW
		500-5344-521900	172.80		
		100-5611-521900	1,000.00		
		100-5348-531100	1,000.00		
TOTAL VENDOR RUEKERT & MIELKE, INC.				4,000.00	
VENDOR NAME: SOUTHERN LAKES NEWSPAPERS					
DEC 2019	WATER/WWTF JOB ADVERTISEMENT	610-6920-692300	405.00	810.00	UTILITIES
		620-8400-852000	405.00		
2020 SUBSCRIPTION MUKWONAGO TIMES 2020 SUBSCRIPTION					
		100-5111-539900	19.95	19.95	CLERK
TOTAL VENDOR SOUTHERN LAKES NEWSPAPERS				829.95	
VENDOR NAME: STAAB CONSTRUCTION CORP					
12-10081.200 PMNT	WELL #5 REHAB	610-0000-000109	84,245.00	84,245.00	FINANCE
TOTAL VENDOR STAAB CONSTRUCTION CORP				84,245.00	
VENDOR NAME: SUBURBAN LABORATORIES INC					
172243	WATER BACTERIA TESTING	610-6300-663200	96.00	96.00	UTILITIES
TOTAL VENDOR SUBURBAN LABORATORIES INC				96.00	
VENDOR NAME: TERMINAL ANDRAE INC.					

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INVOICE NUMBER	DESCRIPTION	DISTRIBUTIONS\AMOUNTS		APPROVAL AMOUNT	DEPARTMENT
VENDOR NAME: TERMINAL ANDRAE INC.					
47735	WWTF BUILDING REPAIR	620-8010-833000	2,225.00	2,225.00	UTILITIES
47733	WWTF SCADA REPAIR	620-8010-833000	2,290.00	2,290.00	UTILITIES
47734	WWTF ELECTRICAL REPAIRS	620-8010-833000	3,600.00	3,600.00	UTILITIES
47732	WWTF ELECTRICAL REPAIRS	620-8010-833000	4,220.00	4,220.00	UTILITIES
TOTAL VENDOR TERMINAL ANDRAE INC.				12,335.00	
VENDOR NAME: TITAN PUBLIC SAFETY SOLUTIONS					
4858	2020 TIPPS ANNUAL SUPPORT	100-5120-522900	6,004.00	6,004.00	FINANCE
TOTAL VENDOR TITAN PUBLIC SAFETY SOLUTIONS				6,004.00	
VENDOR NAME: TROY SANITARY SERVICE					
366	HAULING STATION PORTA JOHN	620-8400-852000	1,002.25	1,002.25	UTILITIES
TOTAL VENDOR TROY SANITARY SERVICE				1,002.25	
VENDOR NAME: URBAN TROY					
106981341	URBAN CLOTHING 2019	150-5222-534600	50.00	50.00	FIRE
TOTAL VENDOR URBAN TROY				50.00	
VENDOR NAME: US PETROLEUM EQUIPMENT					
126096	WWTF CHEMICAL TANK REPAIRS	620-8010-833000	917.00	917.00	UTILITIES
TOTAL VENDOR US PETROLEUM EQUIPMENT				917.00	
VENDOR NAME: VELOCITY LLC					
20190060	COURT IT SUPPORT	100-5120-522900	337.50	337.50	FINANCE
TOTAL VENDOR VELOCITY LLC				337.50	
VENDOR NAME: W C T C FIRING RANGE					
12-10-19 12-17-19	FIRING RANGE RENTAL FOR FIREARMS TRAININ	100-5215-533500	280.00	280.00	POLICE
TOTAL VENDOR W C T C FIRING RANGE				280.00	
VENDOR NAME: WAUKESHA CTY TREASURER					
2020-00000025	2020 TRUNKED RADIO COST	300-5800-580100	3,434.00	4,457.00	FINANCE
		150-5221-521900	1,023.00		
TOTAL VENDOR WAUKESHA CTY TREASURER				4,457.00	
VENDOR NAME: WCOA					
2020 MEMBERSHIP BH	BOB	100-5241-532400	35.00	35.00	BUILDING
TOTAL VENDOR WCOA				35.00	
VENDOR NAME: WEBB ERIK					
106930712	WEBB CLOTHING 2019	150-5222-534600	50.00	50.00	FIRE
TOTAL VENDOR WEBB ERIK				50.00	
VENDOR NAME: WEGNER ANDY					
106954124	WEGNER CLOTHING 2019	150-5222-534600	50.00	50.00	FIRE
TOTAL VENDOR WEGNER ANDY				50.00	
VENDOR NAME: WI DEPT OF JUSTICE CIB					

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INVOICE NUMBER	DESCRIPTION	DISTRIBUTIONS\AMOUNTS		APPROVAL AMOUNT DEPARTMENT
VENDOR NAME: WI DEPT OF JUSTICE CIB				
201912		100-0000-242205	49.00	63.00 POLICE
		100-5211-521900	14.00	
201912 G3385	BACKGROUND CHECKS	150-5221-521900	20.00	20.00 FIRE
TOTAL VENDOR WI DEPT OF JUSTICE CIB				83.00
VENDOR NAME: WI LABOR LAW POSTER SERVICE				
2334633	2020 EMPLOYEE POSTERS	100-5141-531100	89.50	89.50 FINANCE
TOTAL VENDOR WI LABOR LAW POSTER SERVICE				89.50
VENDOR NAME: WI STATE LAB OF HYGIENE				
620864	WATER LAB TESTING	610-6300-663200	26.00	26.00 UTILITIES
TOTAL VENDOR WI STATE LAB OF HYGIENE				26.00
GRAND TOTAL:				241,053.02



Committee/Board:	Village Board
Topic:	Approval as to Form of Request for Proposals (RFP) for Zoning Code and Sign Code Re-Write
From:	Ben Kohout, Village Planner
Department:	Zoning
Presenter:	Ben Kohout
Date of Committee Action (if required):	n/a
Date of Village Board Action (if required):	January 15, 2020

Information

Subject: Approval as to Form of RFP for Zoning Code and Sign Code Re-Write

Background Information/Rationale: The Current Zoning Code and Sign Codes have been continuously updated over many years. The recent additions, combined with a desire of Staff to seek out a more streamlined Code in terms of approvals and public understanding is seeking to contract with a company to facilitate a thorough review and update of the Zoning and Sign Codes. The outcomes are desired to include, but not limited to: Conducting public meetings and workshops with Village Boards/Commissions and Staff to gather current expectations of zoning code, Corrections to conflicting/confusing language, seeking a more streamlined Planned Unit Development process, seeking a design “theme” or unified look for the Rochester Street and Main Street downtown facades to coincide with anticipated Streetscape design process in early 2020, and to better mirror the Comprehensive Land Use Plan 2035 goals and objectives. This item is budgeted for 2020 and the typical process of this magnitude takes roughly 16 months to 24 months, based upon review of other Zoning Code and Sign Code rewrite RFPs reviewed by Staff. The RFP has been to the Downtown Development Committee, Village Board previously (December) and through Staff for comments. The finalized version is presented with updated dates of anticipated timeline.

Key Issues for Consideration: Does the RFP contain all of the desired outcomes for a potential contractor to complete for the Village?

Fiscal Impact (If any): Budgeted for 2020, up to \$75,000

Requested Action by Committee/Board: Approval as to Form. Staff will then advertise and facilitate the selection process and come forward with proposed contract following said review and selection.

Attachments

1. RFP for Zoning Code and Sign Code Re-Write
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Village of
Mukwonago
VILLAGE OF MUKWONAGO
REQUEST FOR PROPOSALS
ZONING CHAPTER AND
SIGN ORDINANCE REWRITE

Issue Date: January 16, 2020

Proposals are Due February 14, 2020, 11:00 am (CST)

What is Being Sought

The Village of Mukwonago, Wisconsin, is seeking Proposals from qualified land use, planning and zoning consultants in order to undertake a comprehensive rewrite and revision of the zoning and sign codes, Chapters 100 and 64, respectively.

Background

Located in Southeast Wisconsin, just minutes from downtown Milwaukee and nearby Waukesha, on Interstate 43 and State Highway 83, Mukwonago is a flourishing community with room to grow. The Village currently has an estimated population of 8,055, is situated on the border of Waukesha and Walworth Counties and is experiencing growth in the areas of single-family, condominium, apartment, commercial and industrial developments.

The Village is currently working through a Downtown Development Committee in accomplishing a recently approved Downtown Strategic Plan (DSC, approved 2018) and is seeking revisions to the zoning code to increase heights and encourage downtown developments similar in stature to those found in similar communities in Waukesha County. In addition, the Village has a Comprehensive Land Use Plan Update 2035 (CLUP, approved 2016) which is sought to be used in considering any zoning amendments. In applying some of the current zoning standards, Staff has noted a desire to better align current development trends and existing areas with the CLUP. One such example is the downtown area, and to be able to increase heights of structures, and seek other unifying design, bulk and zoning standards which currently do not fully achieve the desired outcomes of the DSC and CLUP.

In addition to the above, the Downtown Development Committee (DDC) is actively seeking ways to encourage downtown development and revitalization and has noted a desire to improve facades along the Highway 83 and County Highway ES corridors (Rochester and Main Streets). The proposed changes to the streetscape of the Village Center downtown area will be designed in early 2020. It is envisioned this streetscape design could dictate additional zoning code inclusions to better achieve the goals contained herein for a unified look.

The Current Village Staff dedicated to overseeing and enforcing zoning standards consists of one full time Village Zoning Administrator/Planner. The Zoning Administrator works closely with other Village staff from Village Administration, Building Inspections, Public Works, Public Services, Village Engineer (contracted), Village Attorney (contracted). The Village Zoning Administrator/Planner serves as project manager for the Village.

The Village anticipates the members from the Village's Plan Commission, Village Board and associated Village Committees will play roles in the process by guiding and supporting the project through public updates, discussions and public engagement opportunities. A consultant is envisioned to be hired to facilitate and complete all of the following items to accomplish the task of updating the Zoning and Sign Codes for the Village.

Zoning Code Re-Write Goals and Outcomes

The Village is seeking a new Village Zoning Code which will better reflect the strategic plans and goals the Village's Comprehensive Plan lays out. In addition, staff, Plan Commission, general public and Village Board input is sought in the form of public meetings/workshops. A comprehensive rewrite would include reviewing the existing codes, updating some sections, while substantially revising others.

Graphics and drawings are sought be used to increase reader comprehension, while additionally verifying land use regulations are consistent throughout. The final product may contain past Euclidean provisions, but where possible allows for the creation of form-based code, hybrid, or other innovative approaches not mentioned here. The result will reflect a more user friendly document for staff and the general public.

As an initial starting point, the following improvement themes have been identified.

1. Restructure and reformat the code while including recent adoptions which are not yet codified in the online "MuniCode" version.
2. Review and integrate the Village's adopted comprehensive plan into the Zoning Standards to ensure the Code is consistent.
3. Evaluate and clarify the purpose for each of the zoning districts and associated land uses and development standards.
4. Eliminate inconsistencies, such as zoning terms and definitions referenced throughout the entire code.
5. Evaluate conditional uses and determine, following meetings with the Plan Commission and Village Board, which ones they wish to see and what conditions, if any, would apply to the respective conditional uses.
6. Evaluate the village's zoning map.
7. Address zoning requirements in the downtown core to promote common construction elements for a unified look to complement anticipated streetscape treatments, taller appropriate infill structures and integrate the Downtown Strategic Plan (2018) initiatives into the requirements.
8. Update, streamline, and clarify development review procedures.

Sign Code Re-Write Desired Goals and Outcomes

The Village's sign code currently does not comply with the Supreme Court's ruling in Reed v. Town of Gilbert issued in 2015. The Village is seeking to remove regulations that apply to realtor signs, event signs, rummage sale signs and others. There is a perceived need to figure out how to accommodate said sign examples without calling them by name. In addition, the sign variance procedures are somewhat limited and leave elements such as large industrial lots with directional signage needs with a lack of an amenable process by which to seek relief of sign ordinance regulations. These issues are sought to be remedied through a proposed rewrite.

Desired Outcomes, Further Defined

The following principles are sought in the outcome of the rewrite of the code sections:

- a. Divide the code into logical parts
- b. Include legislative findings – also called findings of fact
- c. Include purpose statements to define what the code is intended to accomplish
- d. Devise a simple renumbering scheme for grouping and numbering similar sections
- e. Use descriptive section headings
- f. Keep each of the sections short by covering only one topic
- g. Write simply and clearly
- h. Use tables, charts, pictures, graphics for clarity of concepts
- i. Eliminate inconsistencies and duplicative language
- j. Develop clear and consistent definitions
- k. Craft the code so subsequent amendments can be easily incorporated
- l. Eliminate vague language
- m. Focus on details in the context of the larger picture
- n. Differentiate between legislative, quasi-judicial, and administrative decisions
- o. Establish step-by-step procedures for each of the development review processes
- p. Include examples where a formula is used
- q. Keep the code simple – but effective

Public Participation

The Village seeks to gather input and then secondly to share information with Village residents. The proposal shall address the following desired services sought:

1. Stakeholder listening sessions to be run by consultant
2. Scoping workshops to be run by consultant
3. Community open houses to be run by consultant

Village Planning Staff Involvement

Although the final list of responsibilities will be the responsibility of the consultant, staff can assist with the following tasks:

- a. Provide background information and documents as may be readily available

- b. Offer feedback to the project team
- c. Review and submit comments on various drafts
- d. Participate in working sessions with the project team
- e. Provide notices and secure venues for public meetings
- f. Give the consultant team a tour of the Village
- g. Serve as a liaison between the public and consultant

Staff will be seeking the desired consultant to be in constant contact to document the progress and accomplishments and to discuss unresolved issues, upcoming milestones, and logistics for completing the project on time.

SCOPE OF SERVICES

The following suggested scope of services as outlined below shall be reflective in a submittal for further consideration. Consideration will be given to consultants which may choose to undertake another method of obtaining the results of the suggested 13 task elements below. If submitting a scope of services that meets the below guidelines, but does not follow specifically, a narrative explaining the process is expected and can be further considered.

Task 1 – Public Participation Plan

A public participation plan is sought that describes the ways in which the public and others will be involved in the preparation, review, and adoption of the zoning ordinance. This plan needs to be realistic and solicit public input in meaningful ways.

Deliverables: Public participation plan for Village review and approval.

Task 2 – Project Orientation and Kick-off Meeting

At the onset of the project, it is expected an orientation and kick-off meeting with Village staff, the Plan Commission, and others will occur. It is expected the consultant will confirm the goals of the project, review the timeline for the project, and to identify specific issues the project will need to address.

Deliverables: All required meeting materials, visual presentations, or any other resources or materials.

Meetings: One meeting

Task 3 – Continuing Coordination. Consultant shall maintain constant contact with Village staff and others throughout the process to ensure the project is moving forward consistent with the adopted timeline and resolve any issues that arise during the project. Consultant shall provide regular updates and maintain regular contact.

Task 4 – Issue Identification

Consultant is expected to actively solicit input from a wide variety of people and groups regarding current zoning code requirements, administration procedures, zoning code deficiencies, suggested changes and implementation procedures. To accomplish, the consultant

shall generate a plan which may follow these desired sub-elements, or alternative plan which accomplishes the following:

1. **Stakeholder Listening Sessions.** Consultant to conduct confidential listening sessions with key stakeholders, which could include elected and appointed officials, department staff, and representatives of civic organizations, the local chamber of commerce, business groups, neighborhood groups, and the like. Consultant to work with the Village staff to identify a list of potential participants.
2. **Scoping Session with Village Staff.** Consultant to meet with Village staff as recommended by Village Planner to identify issues and concerns they may have regarding the code rewrite.
3. **General Scoping Session.** The consultant team will conduct a workshop for the Plan Commission, and other invited participants to identify issues the new zoning code should address in new or different ways. After that initial exercise, we will work with the workshop participants to identify and evaluate alternative solutions to the key issues. The purpose of this exercise is to develop consensus on what needs to be addressed in the rewrite and sufficient direction to begin drafting the zoning ordinance.

Deliverables: (1) All required meeting materials; (2) one original draft and final memorandum summarizing input received during this task (one hard copy, one digital copy).

Meetings: Stakeholder listening sessions, one work session with Village staff, and one meeting for the general scoping session.

Task 5 – Background Analysis/Evaluation

1. **Review of Comprehensive Plan and other Plans.** Consultant will review the Village's adopted comprehensive plan to determine the extent to which the current zoning code conforms to the Village's plan and analyze and document where it does not conform. For those areas of conflict or potential conflict, recommended alternative solutions are sought. Part of this analysis will include the review of the Village's current zoning map to identify areas where there is an inconsistency between the zoning district designation and the desired future land use as recommended in the plans. Part of the following tasks will include proposed "up zonings" and "down zonings" to better conform. Finally, the project team will review the Village's comprehensive plan to determine whether there are regulatory frameworks that would help implement those plans.
2. **Review of other Municipal Ordinances.** Consultant is expected to review other Village regulations (e.g., subdivision and platting, historic preservation, building, utilities and others) to identify potential inconsistencies and gaps. There is a large interest in reviewing other Village regulations pertaining to Planned Unit Developments and finding models which may streamline, as much as possible, the review procedures and timeline to find a process which simplifies the process. The overall intent is to ensure consistency and integration. Recommendations will be provided to address any deficiencies identified

in this step.

3. **Field Study.** The consultant team will complete an on-the-ground visual assessment of the Village to fully understand current land uses and development patterns. It is anticipated that Village Planner or another person will take the consultant team on a tour to assist with this task.
4. **Review Land Use Decisions Made Under the Existing Code.** Consultant will work with Village staff to review a number of recent development projects that were relatively controversial, did not proceed efficiently through the development review process, faced a legal challenge or threats of a legal challenge, or resulted in an undesirable end product. The intent of this task is to have consultant identify areas where the current zoning code functions well and where the new code needs to do things differently.

Deliverables: One hard copy and one electronic copy.

Meetings: Meeting(s) with the Plan Commission is(are) anticipated to review the written report.

Task 6 – Annotated Outline

Consultant will identify and evaluate new zoning concepts and approaches for potential inclusion in the draft zoning code, with special attention given to addressing the project objectives and the results of the issue identification and zoning code analysis tasks previously described. Based on this information, consultant will prepare an annotated outline that includes a chapter-by-chapter description of the proposed new zoning code, an overview of the proposed structure and substance of the new zoning code, a discussion of zoning options, and a commentary explaining the rationale for the recommended approach to drafting the zoning code.

The annotated outline should include examples of how the new zoning code would be used to implement the recommendations of the comprehensive plan, overlay districts and neighborhood plans, if any.

The proposed annotated outline will be submitted to Village staff, the Plan Commission, and other Village boards and commissions as deemed appropriate by the Village and others for review and comment. After obtaining general agreement on the contents of the initial draft of the annotated outline, consultant will prepare a final annotated outline, based on the comments received.

Deliverables: One hard copy, one electronic copy.

Meetings: Meeting(s) with the Plan Commission is anticipated to review the annotated outline and solicit feedback.

Task 7 – Preliminary Discussion Draft of Zoning Code (Draft 1)

Consultant will prepare a discussion draft of the zoning code based on the final annotated outline. The new zoning code will be organized into logical topics, which will help create a user-

friendly code. The code should include use of graphics, tables, flow charts, matrices, and other methods for facilitating easy use and understanding of the zoning code. The discussion draft is sought to be presented in distinct modules that will permit easy review. As part of this task, consultant is expected to evaluate, test, and revise the discussion draft.

Deliverables: One hard copy, one digital copy, and an electronic file (ArcGIS) of the zoning map.

Meetings: Meetings with the Plan Commission are anticipated to review the preliminary discussion draft.

Task 8 – Final Discussion Draft of Zoning Code (Draft 2)

Based on input received from Village staff and Plan Commission, a final draft of the zoning code is sought to be prepared. This draft will be widely distributed to the public for review and comment. Various public meetings, or equivalent method(s) proposed and demonstrated to be effective in other communities, will be sought to be held to solicit input from the general public, stakeholders, and others.

Deliverables: one hard copy, one digital copy and electronic file of zoning map.

Meetings: As anticipated to accomplish.

Task 9 – Open House

An open house (or any number recommended) is sought to be held to create an informal setting for residents and others to learn more about the zoning code and to offer their suggestions and comments. Poster sessions or equivalent, or other ideas, shall be used to describe the code and what it is intended to accomplish. A formal presentation may be given to highlight the key aspects of the proposed code. Comments collected from this session will be organized and submitted to the Plan Commission for review and consideration to conduct an open house and be held on a weekday from late afternoon into the evening hours to fit the schedule of more residents.

Deliverables: All required meeting materials, visual presentations, or any other resources or materials.

Meetings: Open house

Task 10 – Public Hearing Draft Zoning Code (Draft 3)

Consultant will prepare a public hearing draft zoning code and map based on input from the previous steps. In addition, consultant will prepare an executive summary explaining the public hearing draft and map and changes from the discussion draft and map. An executive summary will be distributed to the general public and the media prior to the public hearing.

Deliverables: One hard copy, one digital copy, and one electronic file of the public hearing draft zoning code map.

Meetings: Work session with the Plan Commission

Task 11 – Public Hearing

The consultant team will attend the public hearing at which time the public hearing draft of the proposed zoning code and map will be presented and public input accepted. We will give a presentation regarding the project, explain the proposal, and respond to questions.

Deliverables: None anticipated

Meetings: Attendance at public meeting is expected

Task 12 – Code Adoption

Consultant will attend a Village Board meeting to present the consensus zoning code and map, as recommended by the Plan Commission.

Deliverables: (1) One reproducible copy of the adopted zoning code; (2) an electronic file of the adopted zoning code; (3) electronic file of the adopted zoning code map in a format acceptable to the Village; (4) Complete updates needed to the current “Zoning Hub” site, all associated elements and language to reflect code text amendments.

Meetings: At least one meeting is anticipated.

Task 13 – Training

Consultant will conduct a training session for the staff (up to 15 hours) and also the Plan Commission (up to 10 hours) with the goal of giving staff and commissioners a working knowledge of the code and administrative requirements. The total amount of hours will be based up a consensus of the Commission and Staff to best decide on number of hours.

Meetings: up to two work sessions with staff and up to two meetings with the Plan Commission, depending on absences or need to accommodate schedules.

DELIVERABLES FROM CONSULTANT

1. **Application Forms.** For each of the various types of development review, consultant will prepare an application form that asks for the type of information required by the zoning code. These will include examples such as for wetland setback variance application forms, tree removal permit application forms and all associated forms to accomplish the mandated Zoning code inclusions. One each hardcopy and digital format. To complete this task, consultant shall work with the Village’s current online application provider, BSA Software, to ensure the proposed applications mirror the online applications and changes are completed to reflect the applications created by the consultant.

2. **Sample Documents.** Consultant shall prepare and deliver to the Village various documents that may be used or that are required. Consultant will provide samples of each. These will include cross-access agreement, shared parking agreement, letter of credit, flooding easement, and more resulting from the outcome of the Scope of Services and resultant Ordinance provisions. One each hardcopy and digital format.
3. **Style Guide.** Consultant shall establish drafting rules (e.g., word usage and capitalization, etc.) which are not followed when amendments are made. Consultant shall provide the Village with a style guide that will be used in writing the code. Ideally, this style guide would be referred to when amendments are drafted in the future. One each hardcopy and digital format.
4. **Inventory of Nonconformities.** Consultant shall create a database of nonconformities. Data will be derived from existing sources of information, GIS analysis, and information discovered during the public participation process. Once this task is complete, the database would be delivered to the Village in an approvable format (excel, .xls or compatible) and the Village staff will then be able to add new records to the database and revise existing records. One each hardcopy of current non conformities and digital format.
5. **Zoning Hub Updates.** Consultant shall undertake and complete all updates needed to the current “Zoning Hub” site, all associated elements and language to reflect code text amendments.

TIMELINE

Consultants are expected to be able to complete the project **within 16 months upon Village Board approval of contract.** Consideration will be given for proposals which may reduce the number of months. The following general timeline is anticipated, and may be amended by Village Staff due to inclement weather or other unforeseeable events:

- **February 14, 2020, 11:00 am – RFP’s due to Village Hall – No Late Submittals accepted**

Notice: Work may be expected to commence as soon as March 19, 2020, OR sometime thereafter, following Village Staff and Board Consideration, pending contract review/approval with Village.

BUDGET PROPOSAL

Consultant shall deliver a lump sum cost of all of the tasks identified in the scope of work (zoning code and sign code) for a total fixed fee amount, not to exceed cost. This cost shall include all reimbursable expenses.

QUESTIONS ON RFP SUBMITTAL

Inquiries or questions regarding the RFP can also be sent to Benjamin Kohout, Village Planner, at bkohout@villageofmukwonago.com. Questions/inquires accepted from January 16, 2020 through February 10, 2020. Responses to be sent out by March 6, 2020. The Village will provide the question and response to all potential applicants and will strive to do so. In order to do this, the Village will need to be provided with an applicant contact person in order to provide any potential question(s) and response(s).

SUBMISSION OF PROPOSALS

- Three (3) complete bound copies and one electronic copy (emailed, link or usb flash drive) of the technical proposal for Step One along with a separate sealed envelope labeled “Cost to Complete Zoning Rewrite Proposal” must be received by 11am on Friday, February 14, 2020 at the address below:

Village of Mukwonago, Attn: Ben Kohout, “RFP for Zoning Code”, 440 River Crest Ct., Mukwonago, WI 53149

- If e-mailing, A PDF document (no larger than 10 MB) to be e-mailed to: planner@villageofmukwonago.com

Envelopes containing the proposal shall be marked "Zoning Ordinance Rewrite Proposal". Costs shall be submitted in a separate envelope labeled "Cost to Complete Zoning Ordinance Rewrite Proposal" and marked with the name of the submitting firm.

EVALUATION OF PROPOSALS

A two-step selection process will be used. The first step will consist of evaluation of qualifications and technical information submitted by the consultant and will result in a short list of firms who are considered best qualified based upon the evaluation process described below. The second step will consist of opening of the priced proposals from the short listed firms. Interviews may be scheduled.

Evaluation Procedure: The responses to the RFP will be internally reviewed by Village Staff. The Village reserves the right to narrow the applicants to a “short list” and interview potential firms to establish a final award determination and to negotiate with the successful respondent in the addition or deletion of any or all tasks included within the RFP. The Village of Mukwonago also reserves the right to accept or reject any or all RFP’s and to accept the RFP most advantageous to the Village.

Evaluation Factors and Points:**Step One**

1. Relevant knowledge, experience and qualifications of firm and team members (35).
2. Proposed methodology and work plan to be used in the process (25).
3. Understanding of the project and overall completeness of submission (15).
4. Experience on similar projects/References (10).

Step Two

1. Proposed project costs and fee schedules (15).

Disqualification: Non-responsive proposals will also receive no consideration. A “responsive” proposal conforms in all material respects to the RFP.

AGENDA ITEM REQUEST FORM

Committee/Board:	Village Board
Topic:	Motion to approve Ordinance 972 an Ordinance amendment to the Municipal Code Chapter 6 Alcohol Beverages to reflect a lottery procedure for the issuance of an available regular "Class B"/Class "B" license.
From:	Diana Dykstra
Department:	Administration
Presenter:	Attorney Mark Blum
Date of Committee Action (if required)	
Date of Village Board Action (if required)	01/15/2020

Information

Subject:

Motion to approve **Ordinance 972** an Ordinance amendment to the Municipal Code Chapter 6 Alcohol Beverages to reflect a lottery procedure for the issuance of an available regular "Class B"/Class "B" license.

Background Information/Rationale:

At the Committee of the Whole the Judicial Committee reviewed the process for the issuance of an available regular "Class B"/Class "B" Alcohol License. In 2012, this process was conducted through a lottery system of Reserve License holders.

It was determined the Village Attorney would draft an Ordinance amendment that would provide for a blind draw process where the Reserve License holders would have first opportunity to apply.

Key Issues for Consideration:
Fiscal Impact (if any):
Requested Action by Committee/Board:

Attachments

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

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EMAIL: MGBLUM@HRBLAWFIRM.COM

January 13, 2020

Via Email (ddykstra@villageofmukwonago.com) ONLY

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

Re: Ordinance Amending Section 6-56(5), c

Dear Diana:

Enclosed is an Ordinance which I have drafted to add a provision to Section 6-56 of the Village Code dealing with the subject of a lottery between Class B Reserve License holders for the purpose of obtaining a Regular Class B License. Please look this over and advise me as to whether you believe it addresses the issue raised at the COW on January 8th. If so, I would appreciate you placing this on the Board Agenda for further consideration.

Thank you for your consideration of this matter.

Sincerely,

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



Mark G. Blum
Village Attorney

MGB/jb
Enc.

Cc: Mr. John Weidl

**VILLAGE OF MUKWONAGO
WAUKESHA AND WALWORTH COUNTIES**

ORDINANCE NO. _____

**ORDINANCE TO CREATE SECTION 6-56(5)c.
OF THE VILLAGE OF MUKWONAGO MUNICIPAL CODE
REGARDING THE GRANTING OF REGULAR CLASS B LIQUOR LICENSES**

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

SECTION I

Section 6-56(5),c., of the Municipal Code of the Village of Mukwonago is hereby created to read as follows:

Sec 6-56(5)c. Retail "class B liquor license.

- c. Subject to all other provisions of this Code and applicable Wisconsin Statutes, at such time as a Regular Class B Liquor License shall become available in the Village, the Village Clerk shall provide notice of the availability of said Regular Class B Liquor License to the holders of each Reserve Class B Liquor License. Said notice shall indicate that said Regular Class B Liquor License is available and advise the holder of the Reserve Class B Liquor License that they have three (3) business days in which to advise the Village Clerk of their interest in applying for such Regular Class B Liquor License. Such application shall be considered in accordance with the provisions of the Wisconsin State Statutes and the applicable terms of this Chapter. In the event more than one Reserve Class B Liquor License holder requests to be considered for the Regular Class B Liquor License, then and in that event, the Village Clerk shall hold a blind lottery and the application of each Reserve Class B Liquor License holder for the Regular Class B Liquor License will be considered in the order of selection through such lottery. The deadline for submission of the application shall not be considered received until physically delivered to the Village Clerk or his/her deputy.

SECTION II

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

SECTION III

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

SECTION IV

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

PASSED AND ADOPTED by the Village Board this _____ day of _____, 2020.

APPROVED:

Fred Winchowky, Village President

Countersigned:

Diana Dykstra, Village Clerk/Treasurer



Village of Mukwonago

AGENDA ITEM REQUEST FORM

Committee/Board:	Village Board
Topic:	Change of Status Request Form
From:	John Weidl, Village Administrator
Department:	Village Administration
Presenter:	John Weidl
Date of Committee Action (if required):	n/a
Date of Village Board Action (if required):	1/15/20

Information

Subject: Change of Status/Increase in salary for Village Planner based on agreed upon Merit Increase standards

Background Information/Rationale: When Village Planner was hired, one of the tasks was to select and implement a permit tracking software program. Through the Village's purchase of BSA Software for tracking expenses, there is a permit tracking component included. Through the vendor, BSA assisted Village staff with setting up and implementing electronic permit submission, tracking, acceptance of permit fees, and issuing of permits. The Planner has implemented the electronic application submission process and has completed this task and per the contract signed upon the hiring, was scheduled to receive an increase in pay of \$3,000 upon successful completion of this task.

This implementation has increased productivity for staff and has resulted in better transparency in providing an accessible means for locating and retrieving permit information in a timely fashion. The software is currently working through the Village website and on a kiosk in Village Hall in accepting applications. Staff continues to assess and modify the internal workings of the software upon receiving applications to continually improve the process.

Key Issues for Consideration: Are there any concerns over the status of the online permit functionality?

Fiscal Impact (If any): \$3,000 increase in annual salary for Village Planner

Requested Action by Committee/Board: Approval

Attachments



Committee/Board:	Village Board
Topic:	Merit Increase – Clerk/Treasurer
From:	JSW
Department:	Administration
Presenter:	JSW
Date of Committee Action (if required):	
Date of Village Board Action (if required):	1/15/20

Information

Subject: Employment Merit increase

Background Information/Rationale:

There were several items specifically laid out in a Memorandum of Understanding for the Clerk-Treasurer position which was approved on July 17, 2019, I felt were necessary advancements and I specifically tied to incentives.

Section 4(b) of the MOU offers a 4% merit increase, “payable beginning in the first full pay period following full and satisfactory implementation, as determined by the Village, of digital government agenda and meeting management software”.

PEAK Agenda Management was implemented in early November. Training was provided to staff and elected officials throughout the month, and she has made herself available for anyone who needs additional training. The program has been utilized for Agendas, Minutes, Packets, and document archiving.

Key Issues for Consideration:

There are several points to be made here:

- The improvements made by the Digital Agenda Management system has allowed greater control from Department Heads to upload items to their agendas.
- It allows for residents to view a clear repository for Minutes, Agendas, and Packets of all Committees and Boards in a searchable format.
- Most importantly, the largest benefit this program has provided is the additional time savings in the Clerk/Treasurer’s office.

Fiscal Impact (If any):

Initial time savings estimated at 16 hours a month for one position, can produce a cost savings of roughly \$6,923 annually. These savings can make this office more productive, and even handling a growing workload. This savings is absolutely worth every penny, which is why I incorporated this as part of our employment incentive. The calculated merit incentive is \$3,000.

Requested Action by Committee/Board:

Approve the merit increase under section 4(b) of the Employment MOU for Diana Dykstra.

Attachments

440 River Crest Court, Mukwonago, Wisconsin 53149 -Tel. (262) 363-6420x2111-Fax (262) 363-6425 -planner@villageofmukwonago.com

January 6, 2020

To: Fred Winchowky, Village President
Plan Commissioners

From: Ben Kohout, AICP, Village Planner

Re: Wall signage
Touchpad Electronics

Property location: 101 West Boxhorn Drive

Current zoning: M-4 (Medium - Heavy Industrial)

General description: Touchpad Electronics building and site within the Mukwonago Business Park along Highway 83 are nearing completion. They have applied for wall signage. The proposal is for one wall sign on the main entrance side (North façade).

Per Code Section 64-32 (5A), wall signs on properties greater than 3 acres in size are to be brought forward for the Plan Commission review and action. The property is 3.75 acres in size and is located on the Southwest corner of the intersection of Highway 83 and West Boxhorn Drive.

Dimensional standards: The proposed sign complies with all relevant dimensional standards, including setbacks and coverage. Section 64-32(5A) requires a maximum wall signage allowance for a single tenant property/building in the form of 0.75 feet of sign per linear foot of building frontage, up to 150 square feet and up to 300 s.f. for all combined wall signage.

The frontage of the structure is 150 feet in length and this affords up to 112 square footage size allowances of one single wall sign.

The proposal is for one sign at 95.8 square feet on the North (main entrance) side of the building. The sign composition includes a logo, and two rows of lettering. The measurement of the signage is taken and measured by encompassing the polygon shape encompassing the outer extremities of the proposed logo and channel lettering (individual blue and gray LED illuminated letters) comprising the sign.

Recommendation: The proposal meets the 112 square foot maximum size threshold for wall signage permitted for this application and therefore recommends Approval with no conditions.



December 2, 2019

Reference Property: 101 Boxhorn Dr Mukwonago WI 53149

Dear Property Manager or Owner,

Attached for your review and approval please see the color art work package for Touchpad Electronics. This art indicates which signs Icon will be changing on the property.

Icon will secure all necessary permits and regulatory approvals, along with assuring that all elements are manufactured and installed to applicable codes and restrictions. The assigned Icon Project Manager will manage and supervise all work.

Please indicate your approval by signing below and returning via email.

If you have any questions or require additional information, please do not hesitate to call.

We look forward to hearing from you soon.

Thank you,

ICON

Approved By
(Print Name):

Signature:

Date:

MATTHEW R SWEEN

[Signature]

12-03-2019

Lisa Crowne
Project Manager

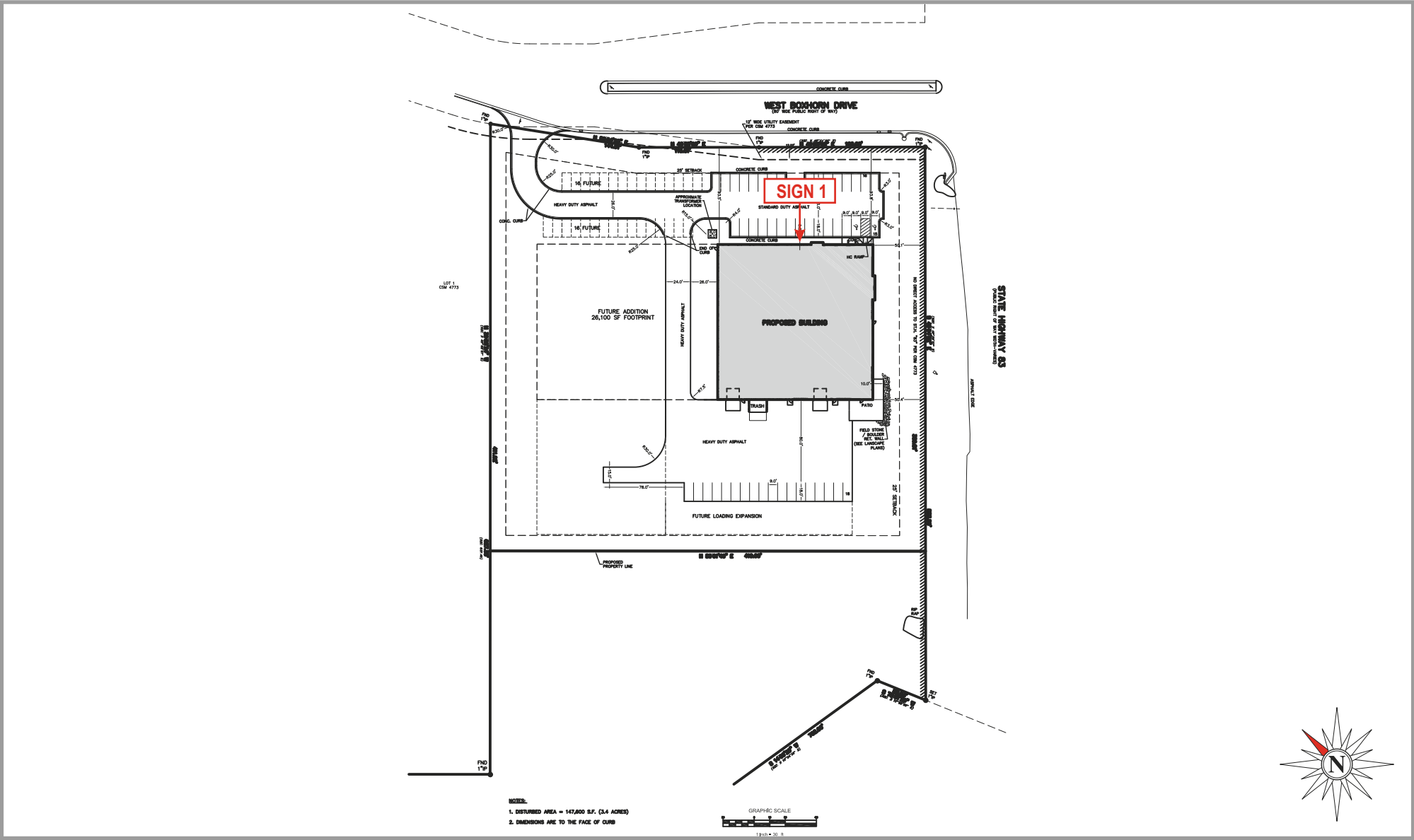
w. 847.631.3349

OPTION #1 APPROVAL

Corporate Address
1701 Golf Road
1-900
Rolling Meadows, IL
60008

Phone
877-740-4266

Website
www.iconid.com



Drawing prepared by:

Location:
101 Boxhorn Dr
Mukwonago, WI 53149

Proj #: 5166 Loc #: 0001 Order #: 1139241

Drawing prepared for:

Revision #:	Req. #:	Date:	Artist:	Revision #:	Req. #:	Date:	Artist:	Revision #:	Req. #:	Date:	161
Original	319635	11/05/19	ABP	Rev 6	000000	00/00/00	XXX	Rev 12	000000	00/00/00	XXX
Rev 1	320448	11/15/19	ABP	Rev 7	000000	00/00/00	XXX	Rev 13	000000	00/00/00	XXX
Rev 2	000000	00/00/00	XXX	Rev 8	000000	00/00/00	XXX	Rev 14	000000	00/00/00	XXX
Rev 3	000000	00/00/00	XXX	Rev 9	000000	00/00/00	XXX	Rev 15	000000	00/00/00	XXX
Rev 4	000000	00/00/00	XXX	Rev 10	000000	00/00/00	XXX	Rev 16	000000	00/00/00	XXX
Rev 5	000000	00/00/00	XXX	Rev 11	000000	00/00/00	XXX	Rev 17	000000	00/00/00	XXX



File Path: Active\ACCOUNTS\T\Touchpad\Project 5166\Locations\5166_0001_Mukwonago_WI_R1

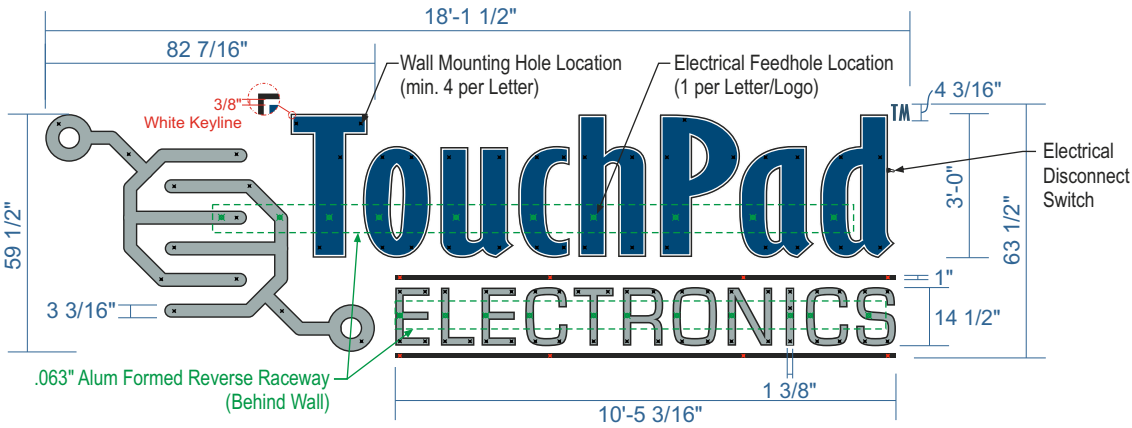
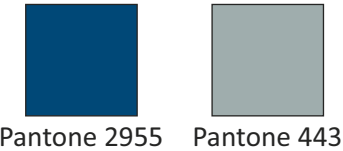
Drawings are the exclusive property of ICON,. Any unauthorized use or duplication is not permitted. Pg. 1

Proposed Signage

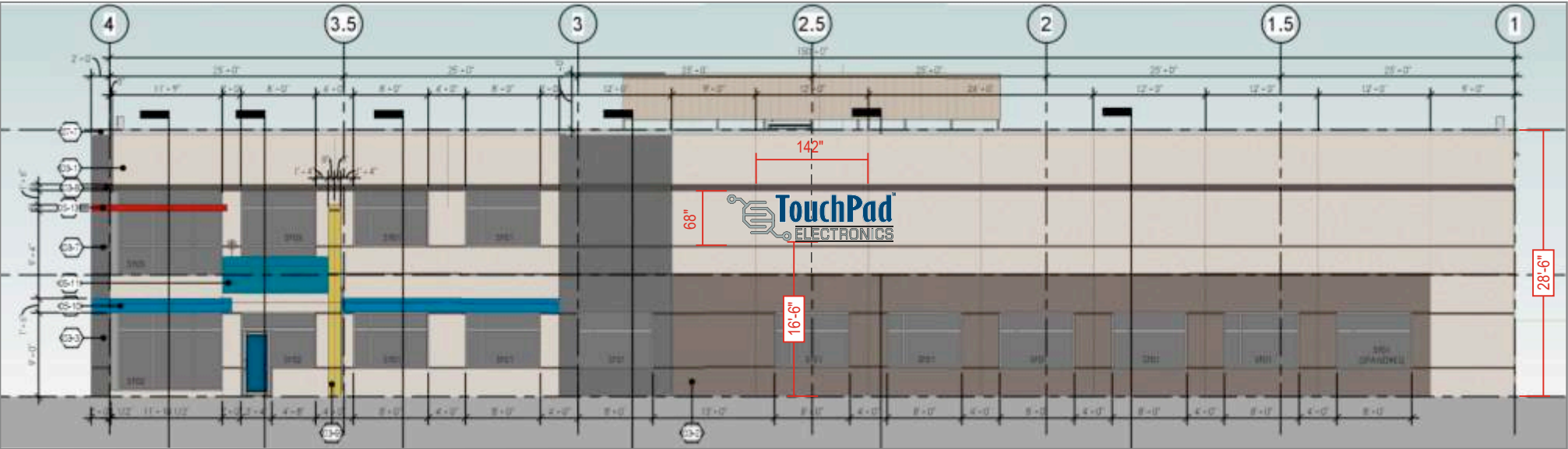
OPTION#1

Sign #	Qty.	Description	Sq. Ft.
1	1	Illuminated Face-lit Channel Letterset & Logo w/ Reverse Raceway	N/A

NOTES:
"Touchpad letterset": Blue trim cap, White keyline, Blue face



SCALE: 1/4"=1'-0"



Proposed

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

Drawing prepared by:	Location:		
ICON	101 Boxhorn Dr		
	Mukwonago, WI 53149		
	Proj #:	Loc #:	Order #:
	5166	0001	1139241

File Path: Active\ACCOUNTS\T\Touchpad\Project 5166\Locations\5166_0001_Mukwonago_WI_R1

Drawing prepared for:	

Revision #	Req. #	Date	Artist	Revision #	Req. #	Date	Artist	Revision #	Req. #	Date	Artist
Original	319635	11/05/19	ABP	Rev 6	000000	00/00/00	XXX	Rev 12	000000	00/00/00	XXX
Rev 1	320448	11/15/19	ABP	Rev 7	000000	00/00/00	XXX	Rev 13	000000	00/00/00	XXX
Rev 2	000000	00/00/00	XXX	Rev 8	000000	00/00/00	XXX	Rev 14	000000	00/00/00	XXX
Rev 3	000000	00/00/00	XXX	Rev 9	000000	00/00/00	XXX	Rev 15	000000	00/00/00	XXX
Rev 4	000000	00/00/00	XXX	Rev 10	000000	00/00/00	XXX	Rev 16	000000	00/00/00	XXX
Rev 5	000000	00/00/00	XXX	Rev 11	000000	00/00/00	XXX	Rev 17	000000	00/00/00	XXX

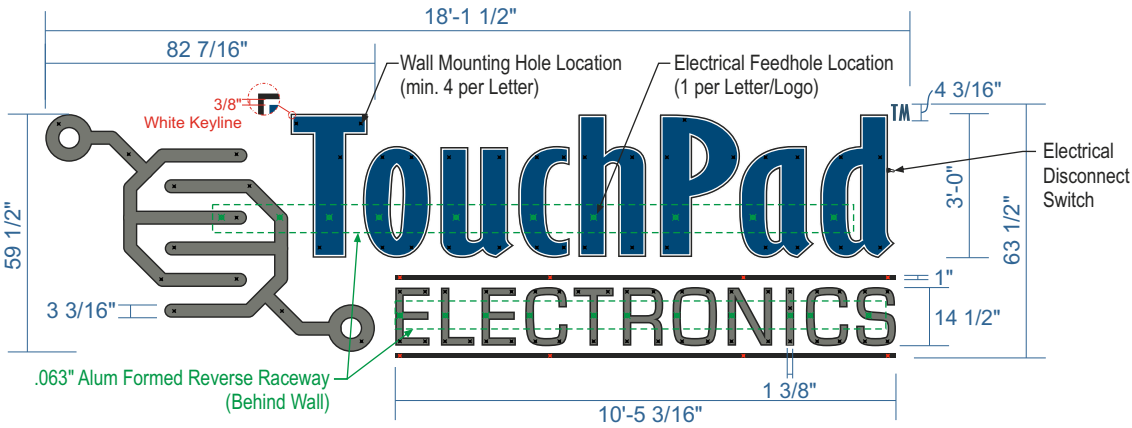
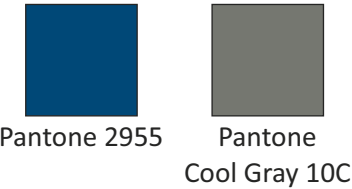
Drawings are the exclusive property of ICON,. Any unauthorized use or duplication is not permitted. Pg. 2

Proposed Signage

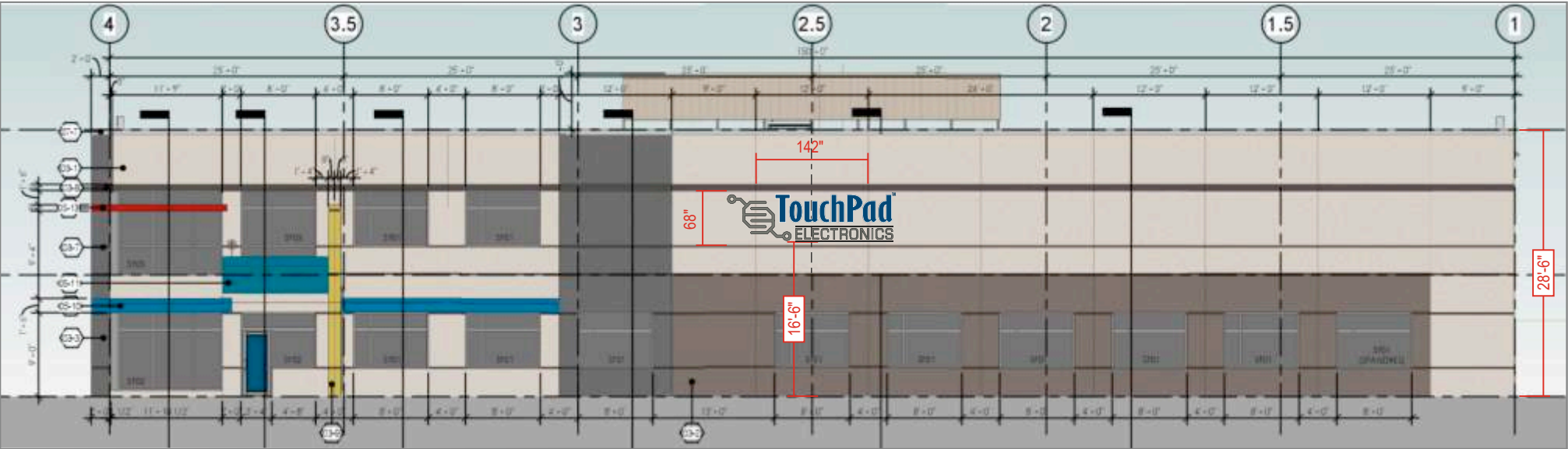
OPTION#2

Sign #	Qty.	Description	Sq. Ft.
1	1	Illuminated Face-lit Channel Letterset & Logo w/ Reverse Raceway	N/A

NOTES:
"Touchpad letterset": Blue trim cap, White keyline, Blue face



SCALE: 1/4"=1'-0"



Proposed

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

Drawing prepared by:	Location:	
	101 Boxhorn Dr	
	Mukwonago, WI 53149	
Proj #:	Loc #:	Order #:
5166	0001	1139241



File Path: Active\ACCOUNTS\T\Touchpad\Project 5166\Locations\5166_0001_Mukwonago_WI_R1

Drawing prepared for:	

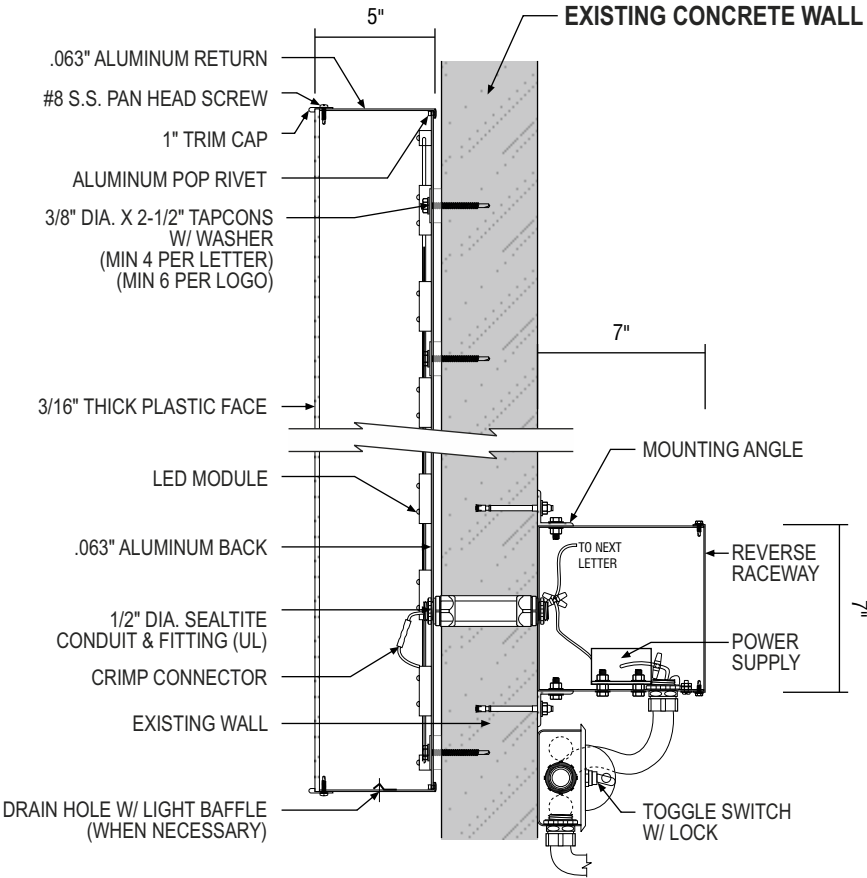
Revision #:	Req. #:	Date:	Artist:	Revision #:	Req. #:	Date:	Artist:	Revision #:	Req. #:	Date:	163
Original	319635	11/05/19	ABP	Rev 6	000000	00/00/00	XXX	Rev 12	000000	00/00/00	XXX
Rev 1	320448	11/15/19	ABP	Rev 7	000000	00/00/00	XXX	Rev 13	000000	00/00/00	XXX
Rev 2	000000	00/00/00	XXX	Rev 8	000000	00/00/00	XXX	Rev 14	000000	00/00/00	XXX
Rev 3	000000	00/00/00	XXX	Rev 9	000000	00/00/00	XXX	Rev 15	000000	00/00/00	XXX
Rev 4	000000	00/00/00	XXX	Rev 10	000000	00/00/00	XXX	Rev 16	000000	00/00/00	XXX
Rev 5	000000	00/00/00	XXX	Rev 11	000000	00/00/00	XXX	Rev 17	000000	00/00/00	XXX

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Proposed Signage

Electrical Chart			
AMPS:	5	AMPS	
V.A.:	120	VOLTS	WATTS: 600
CIRCUITS:	1-20 amp CIRCUIT		

AREA/WEIGHT		
AREA	95.5	SQ.FT.
WEIGHT	573	LBS.



SECTION DETAIL: FACE-LIT CHANNEL LETTER

SCALE: 1 1/2"=1'-0"

GENERAL REQUIREMENTS

1. ALL LETTER SETS REQUIRE A U.L. LABEL
2. LETTERS ARE DESIGNED TO MEET THE 2015 INTERNATIONAL BUILDING CODE ASCE 7-10 SECTION 16, 115 MPH WIND LOAD, RISK CATEGORY II, EXPOSURE C.
3. LETTERS TO BE INSTALLED ACCORDING TO NEC AND/OR APPLICABLE LOCAL CODES
4. THE DISCONNECT MUST BE PLACED IN DIRECT VIEW OF SIGN

ESTIMATED PRODUCT B.O.M. PER SIGN:

181 Each Prism White 6500K Modules - 121'

PN: 701269-6WSJ1-MB

5 Each 60C1 (Damp/Dry locations) or 60W2 (Wet location) 60W Power Supplies 12VDC

1 Each 100' Roll of Jacketed Cable

DRAWN	DATE	JOB NUMBER	ICON ID
KM/JU	11/8/2019	73427	TOUCHPAD ELECTRONICS

1) **ACTUAL CHANNEL LETTER POPULATION AND PRODUCT PLACEMENT MAY VARY FROM THIS LAYOUT**

2) PRISM WHITE 6500K LAID OUT AT 1.5 MODULES PER FOOT, 12.0" ON CENTER

3) EACH 60W2 POWER SUPPLY CAN RUN UP TO 48 PRISM WHITE 6500K MODULES

4) LAYOUT BASED ON A 5" CAN DEPTH

5) DIMENSIONS ARE IN INCHES UNLESS STATED OTHERWISE

6) 701269-6WSJ1-MB WATTS PER MODULE: 1.12

7) PRIMARY SYSTEM POWER: 253.40 WATTS

8) LED MODULE POWER USAGE (secondary): 202.72 WATTS

1) This design and drawing are proprietary and the property of SloanLED. Any reproduction or use without prior written approval is prohibited.

2) **ChannelLED modules and power supply quantities are ESTIMATES ONLY and are based on the supplied information and drawings.** Channel letter depth, lens color, material and thickness can vary, which may lead to an increase or decrease in product at the time of installation. To ensure accurate product requirements, it is recommended that product is tested using customer's specific lens material and letter configuration.

3) SloanLED highly recommends applying Light Enhancement Paint (LEP) or Light Enhancement Film (LEF) inside channel letters for optimal illumination.

4) Jacketed cable estimated assumes maximum run length of 15' per leg of the power supply.

Drawing prepared by:

Location:

Drawing prepared for:

101 Boxhorn Dr
Mukwonago, WI 53149

Proj #: 5166 Loc #: 0001 Order #: 1139241

File Path: Active\ACCOUNTS\T\Touchpad\Project 5166\Locations\5166_0001_Mukwonago_WI_R1

Revision #:	Req. #:	Date:	Artist:	Revision #:	Req. #:	Date:	Artist:	Revision #:	Req. #:	Date:	Artist:
Original	319635	11/05/19	ABP	Rev 6	000000	00/00/00	XXX	Rev 12	000000	00/00/00	XXX
Rev 1	320448	11/15/19	ABP	Rev 7	000000	00/00/00	XXX	Rev 13	000000	00/00/00	XXX
Rev 2	000000	00/00/00	XXX	Rev 8	000000	00/00/00	XXX	Rev 14	000000	00/00/00	XXX
Rev 3	000000	00/00/00	XXX	Rev 9	000000	00/00/00	XXX	Rev 15	000000	00/00/00	XXX
Rev 4	000000	00/00/00	XXX	Rev 10	000000	00/00/00	XXX	Rev 16	000000	00/00/00	XXX
Rev 5	000000	00/00/00	XXX	Rev 11	000000	00/00/00	XXX	Rev 17	000000	00/00/00	XXX

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ICON

RESOLUTION 2020-02

**RESOLUTION APPROVING SIGNAGE FOR APPLICANT
TOUCHPAD ELECTRONICS INDUSTRIAL PROPERTY AT
101 W BOXHORN DRIVE, PARCEL #A486800001**

WHEREAS, pursuant to Section 64-32, an application for signage is required to be accepted by the zoning administrator and review the applications for zoning compliance, which application was filed in the office of the Village Clerk, Village of Mukwonago, Wisconsin, and

WHEREAS, the application was submitted by Icon, on behalf of Touchpad Electronics industrial property located at 101 W. Boxhorn Dr., and

WHEREAS, Section 64-32, subsection (b), requires Plan Commission review and recommendation of all signage for single tenant properties 3.01 acres or greater in size, and

WHEREAS, the proposed wall sign presented as meeting the requirements of Section 64-32 has 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 proposed wall signage for Touchpad Electronics industrial property at 101 Boxhorn Drive, and

BE IT FURTHER RESOLVED this wall signage approval shall be subject to the plans submitted by Touchpad Electronics, as recommended by the Plan Commission on January 14, 2020, and on file in the office of the Zoning Administrator, with no conditions:

Passed and dated this 15th day of January, 2020.

VILLAGE OF MUKWONAGO

By: _____
Fred Winchowky, Village President

Attest: _____
Diana A Dykstra, Village Clerk-Treasurer

*VILLAGE OF MUKWONAGO
POLICE DEPARTMENT*



MONTHLY REPORT

December 2019

Citation Totals by Offense

All Departments

Violation Date: 12/01/2019 through 12/31/2019

Court	Agency	Offense Code	Offense Description	Total
MKPD				
	Adult			
		346.14(1m)	Automobile Following Too Closely	1
		346.13(3)	Deviation From Designated Lane	1
		346.57(3)	Driving Too Fast For Conditions	1
		341.15(1m)(a)	Fail/Attach Rear Regis. Decal/Tag	1
		341.15(1)	Fail/Display Vehicle License Plates	1
		346.46(1)	Fail/Stop At Stop Sign	2
		346.18(6)	Fail/Yield For Yield Sign	1
		346.18(2)	Fail/Yield While Making Left Turn	3
		346.57(2)	Failure To Keep Vehicle Under Control	3
		346.24(1)	Fyr To Pedestrian, Bicyclist, Or Epamd	1
		341.15(3)(b)	Improper Display/Plates (Hard To See)	4
		341.15(3)(c)	Improper Display/Plates (Illegible)	1
		346.89(1)	Inattentive Driving	2
		347.13(1)	No Tail Lamp/Defective Tail Lamp-Night	2
		341.04(1)	Non-Registration Of Auto, Etc	23
		341.03(1)	Operate After Rev/Susp Of Registration	3
		344.62(1)	Operate Motor Vehicle W/O Insurance	24
		343.05(3)(a)	Operate W/O Valid License	2
		343.44(1)(a)	Operating After Suspension	8
		343.44(1)(b)	Operating While Revoked	1
		961.573(1)	Possess Drug Paraphernalia	1
		346.935(2)	Possess Open Intoxicants In Mv	1
		54-103	Possession of Cigarette by Minor	1
		961.41(3g)(b)	Possession of Controlled Substance	3
		343.085(2m)(a)1	Prob Licensee Oper Cl D Veh W/Other Prn Veh	1
		943.50(1m)(b)	Retail Theft-Intentionally Take(<=\$2500)	3
		347.48(2m)(d)	Ride In Vehicle W/O Wearing Seat Belt	1
		346.57(4)(gm)2	Speeding on Freeway	9
		346.57(5)	Speeding Zone And Posted Limits	33
		943.20(1)(a)	Theft-Movable Property<=\$2500	1
		347.06(3)	Unclean/Defective Lights Or Reflectors	27
		347.48(2m)(b)	Vehicle Operator Fail/Wear Seat Belt	2
		TR305.32(4)(b)2	Vent/Side Window Excessive Tinting	1
		346.37(1)(c)1	Violate Red Traffic Signal	3
Adult Grand Total				172

Citation Totals by Offense

All Departments

Violation Date: 12/01/2019 through 12/31/2019

Court	Agency	Offense Code	Offense Description	Total
MKPD				
	Juvenile			
		54-103	Possession of Cigarette by Minor	1
		943.20(1)(a)	Theft-Movable Property<=\$2500	1
			Juvenile Grand Total	2

Mukwonago Police Department
Tickets Totals (by Violation)

01/05/2020 9:16AM

Page: 1

Issue Date: 12/01/2019 through 12/31/2019

Violation Description	Violation Code	Area	Total
Fire Lane Violation	82-194		1
		By Violation:	1
Handicapped Parking Violation	82-180		3
		By Violation:	3
Mhs - Park W/O Permit	82-212		21
		By Violation:	21
Park Left Wheel To Curb	82-1(A)		2
		By Violation:	2
Park Less Than 10' - Hydrant	82-1(C)		1
		By Violation:	1
Park On Wrong Side - Winter	82-227		16
		By Violation:	16
Park W/O Permit - Winter	82-226		33
		By Violation:	33
		Total Tickets:	77



Monthly Case Overview Report

Printed On: 01/05/20 09:17

Reporting Period: 12/03/2019 - 12/31/2019

Village of Mukwonago Police - 1122

	Total
	45
Administrative/Informational	11
Bail Jumping	1
Criminal Damage to Property	1
Criminal Damage-Private	1
Criminal Damage-Public	1
Disorderly Conduct: Harassment	1
DOA - Sudden Death, Etc.	2
Emergency Detention/M.O.	1
Evidence Room	1
Found/Recovered-Property	1
Harassing Communication	1
Hit and Run	2
Juvenile Possession of Tobacco	1
Marijuana-Possession	4
OWI/DWI-Liquor	1
Retail Theft \$50-\$200	1
Retail Theft <\$50	2
Retail Theft >\$200	1
Theft - All	2
Theft - All Others <\$50	1
Theft From Mail \$50-\$200	1
Theft From Yards \$50-\$200	1
Traffic Complaint	1
Traffic Offense/Traffic Other	1
Traffic Stop	1
Trespassing	1
Trouble With a Person	1
Warrant Service	1



Arrests by Statute Report

Printed On: 01/05/20 09:18

Reporting Period: 12/05/19 - 12/29/19

This report contains all arrest charges.

	Total	Felony	Misdemeanor	Non-Criminal
346.63(1)(a) - Operating While Intoxicated - 4th Offense in 5 Years	1	1		
54-1(1) - Retail Theft (Shoplifting)	3			3
54-1(24) - Theft (under \$2500.00)	2			2
54-1(V) - Possession of a Controlled Substance	3			3
54-1(V1) - Possession of Drug Paraphernalia	1			1
54-1(Y) - Criminal Trespass to a Dwelling	1			1
54-103 - Possession of Cigarettes/Tobacco by a Minor	1			1
946.49(1)(a) - Bail Jumping-Misdemeanor	1		1	
946.49(1)(b) - Bail Jumping-Felony	1	1		
947.013(1m) - Harassment	1			1
FUGS - Fugitive Warrant - State	2		2	
Total	17	2	3	12



Traffic Crash List

Printed On: 01/05/20 09:39

Village of Mukwonago Police								
Date/Time	Case#	Crash#	Officer	Total Units	Total Injured	Total Killed	Crash Type	EMS#
12/23/2019 11:30	19-069398	19-000254	Melo, Robert C-rmel44	2	1	0	C	
12/31/2019 15:36		19-000253	Cieszynski, Brian-bcie45	2	0	0	C	
12/26/2019 10:04		19-000252	Kirkpatrick, Cory-ckir37	2	1	0	C	
12/30/2019 22:03		19-000251	Zajichek, Taylor-tzaj36	1	0	0	C	
12/23/2019 13:13		19-000250	Kreiser, Robert S-rkre39	2	0	0	C	
12/28/2019 17:03		19-000249	Kubiak, Michael L-mkub41	2	0	0	C	
12/23/2019 16:32		19-000248	Cieszynski, Brian-bcie45	2	0	0	C	
12/23/2019 11:30		19-000247	Melo, Robert C-rmel44	2	1	0	C	
12/26/2019 10:04		19-000246	Kirkpatrick, Cory-ckir37	2	1	0	C	
12/22/2019 17:10		19-000245	Melo, Robert C-rmel44	1	0	0	D	
12/15/2019 14:58	19-066942	19-000244	Wilson, Chet F-cwil47	2	1	0	C	
12/20/2019 11:49		19-000243	Wilson, Chet F-cwil47	1	0	0	C	
12/09/2019 09:44		19-000242	Kreiser, Robert S-rkre39	2	0	0	C	
12/15/2019 19:06		19-000241	Melo, Robert C-rmel44	2	0	0	C	
12/10/2019 15:00		19-000240	Zajichek, Taylor-tzaj36	2	0	0	C	
12/16/2019 06:47		19-000239	Cieszynski, Brian-bcie45	2	0	0	C	
12/13/2019 16:35		19-000238	Rogers, Richard J-rrog49	2	1	0	C	
12/12/2019 15:04		19-000237	Kirkpatrick, Cory-ckir37	2	0	0	C	
12/12/2019 17:16		19-000236	Kubiak, Michael L-mkub41	2	0	0	C	
12/10/2019 04:36		19-000235	Cieszynski, Brian-bcie45	2	0	0	C	
12/09/2019 15:05		19-000234	Schubel, John-jsch48	2	1	0	C	
12/10/2019 17:55		19-000233	Zajichek, Taylor-tzaj36	2	0	0	C	
12/08/2019 14:00		19-000232	Melo, Robert C-rmel44	2	0	0	C	
12/08/2019 18:05		19-000231	Rogers, Richard J-rrog49	2	0	0	C	
12/06/2019 19:30		19-000230	Rogers, Richard J-rrog49	1	0	0	C	
12/04/2019 12:14		19-000229	Schubel, John-jsch48	2	0	0	C	
12/04/2019 07:57		19-000228	Schubel, John-jsch48	2	0	0	C	
Village of Mukwonago Police				50	7	0		

Police Contacts - Village

First Shift	1944
Second Shift	1501
Third Shift	679
911 Calls	140
TOTAL CALLS	4264

Eagle Lake Patrol

Stops/All Calls	0
-----------------	---

Police Contacts - Town

First Shift	360
Second Shift	598
Third Shift	581
911 Calls	48
TOTAL CALLS	1587

Phantom Lake Patrol

Stops/All Calls	0
-----------------	---

Mukwonago Fire Department

All Calls for Service	226
-----------------------	-----

<u>TOTAL CONTACTS</u>	6077
------------------------------	-------------

FLEET MILES AND GAS USAGE

	<u>24</u> <u>18 Ford</u>	<u>26</u> <u>10 Ford</u>	<u>28</u> <u>16 Ford</u>	<u>30</u> <u>19 Ford</u>	<u>32</u> <u>18 Ford</u>	<u>33</u> <u>19 Chev</u>	<u>34</u> <u>17 Ford</u>	<u>36</u> <u>16 Ford</u>	<u>38</u> <u>19 Ford</u>
Speed End	45029	79444	21044	10528	70565	3006	113366	75450	21708
Speed Beg	41705	79345	21044	7656	70565	3006	113280	75378	18187
Total Miles	3324	99	0	2872	0	0	86	72	3521
Total Gas	247	15	7	226	9	14	15	22	282

Respectfully Submitted,

Chief Kevin Schmidt
Village of Mukwongo Police Department

Committee/Board:	Village Board
Topic:	Storm Water Maintenance Agreement with Phantom Lakes Preserve LLC
From:	Diana Dykstra
Department:	Planning & Zoning
Presenter:	Ben Kohout
Date of Committee Action (if required)	
Date of Village Board Action (if required)	12/18/2019

Information

Subject:

Storm Water Maintenance Agreement with Phantom Lakes Preserve LLC

Background Information/Rationale:

As part of a Development Project that includes a storm water management plan, a storm water maintenance agreement is required to be established which governs the general maintenance and upkeep. The document specifies whom is responsible and for which aspects.

For this proposal, the Condominium project of ten (10) duplexes will drain the development into a storm water pond which shall be maintained by the homeowners' association for the Phantom Lakes Preserve residents. The agreement specifies the owner, at their cost, is to maintain and inspect the storm water facilities and grants permissions for the Village to inspect to ensure compliance with all applicable rules and regulations.

Key Issues for Consideration:
Fiscal Impact (if any):

N/A

Requested Action by Committee/Board:

Attachments



Committee/Board:	Village Board
Topic:	Phantom Lakes Preserve Condos Storm Water Maintenance Agreement
From:	Ben Kohout, AICP, Village Planner
Department:	Planning
Presenter:	Ben Kohout
Date of Committee Action (if required):	n/a
Date of Village Board Action (if required):	January 15, 2020

Information

Subject: Storm Water Maintenance Agreement, Phantom Lakes Preserve Condos

Background Information/Rationale:

As part of a Development Project that includes a storm water management plan, a storm water maintenance agreement is required to be established which governs the general maintenance and upkeep. The document specifies whom is responsible and for which aspects. This follows the December Village Board meeting, in which the Board directed staff to seek corrections. Those corrections are reflected in this signed and completed SWMA.

For this proposal, the Condominium project of ten (10) duplexes will drain the development into a storm water pond which shall be maintained by the homeowners' association for the Phantom Lakes Preserve residents. The agreement specifies the owner, at their cost, is to maintain and inspect the storm water facilities and grants permissions for the Village to inspect to ensure compliance with all applicable rules and regulations.

Key Issues for Consideration: n/a

Fiscal Impact (If any): n/a

Requested Action by Committee/Board: Approval

Attachments

1. Storm Water Maintenance Agreement and associated inclusions
-

Phantom Lake Preserve, LLC, as “Owner” of the property described in Exhibit A, in accordance with Chapter 34 of the Village of Mukwonago Municipal Code, agrees to install and maintain storm water *management practices* on the subject property in accordance with approved plans and Storm Water Permit conditions. The Owner further agrees to the terms stated in this document to ensure that the storm water management practices continue serving the intended functions in perpetuity. This Agreement includes the following exhibits:

Exhibit A: Legal Description of the real estate for which this Agreement applies (“Property”).

Exhibit B: Location Map - shows an accurate location of each storm water management practice affected by this Agreement.

Exhibit C: Maintenance Plan - prescribes those activities that must be carried out to maintain compliance with this Agreement.

Exhibit D: Design Summary - contains a summary of key Engineering calculations and other data used to design the storm water management practices.

Exhibit E: As-built survey (to be recorded as an addendum) – shows a detailed “as-built” cross section and plan view of the storm water management practices.

Exhibit F: Engineering/Construction Verification (to be recorded as an addendum) – provides verification from the project engineer that the design and construction of the storm water management practices complies with all applicable technical standards and the Village’s requirements.

NOTE: After construction verification has been accepted by the Village of Mukwonago, for all planned storm water management practices, an addendum(s) to this agreement shall be recorded by the Owner showing construction details and construction verification. The addendum(s) may contain several additional exhibits, as described below.

Through this Agreement, the Owner hereby subjects the Property to the following covenants, conditions and restrictions:

1. Upon execution of this Agreement, the Village shall record the Agreement at the Waukesha County or Walworth County Register of Deeds, as applicable. The recording of this Agreement shall be a condition for the issuance of a Storm Water Permit. An addendum to this Agreement shall be recorded upon project completion which shall include submittal of Exhibit E and Exhibit F in an acceptable form to the Village. The recording of Amendment #1 including Exhibit E and Exhibit F shall be a condition for the issuance of an occupancy permit.
2. The Owner shall construct, maintain and if necessary, reconstruct the storm water management practices so as to maintain their compliance with applicable governmental, statutes, ordinances or rules. The Owner shall be responsible for the routine and extraordinary maintenance and repair of the storm water management practices identified in Exhibit B in accordance with the maintenance plan contained in Exhibit C.
3. The Owner shall, at their own cost inspect the storm water best management practices on an annual basis and maintain records of annual inspections and maintenance performed. Records shall be made available to the Village upon request within 30 days of written notice. Annual inspections shall be performed as detailed in Exhibit C Maintenance Plan of the storm water maintenance agreement and shall be performed to determine if the facility is functioning within the design

parameters. Commencing in 2020 and every five years thereafter the Owner shall, at their own cost, have a certification inspection of the storm water management practices conducted by a professional engineer, who shall then file a report with the Village of Mukwonago no later than December 31st of the same year. The Owner shall thereafter timely complete any maintenance or repair work recommended in any of the above reports. The Owner shall be liable for the failure to undertake any maintenance or repairs.

4. In addition, and independent of the requirements under paragraph 2 above, the Village of Mukwonago, or its designee, is authorized but not required to access the property as necessary to conduct inspections of the storm water management BMP's to ascertain compliance with the terms and intent of this Agreement and the activities prescribed in Exhibit C. The Village of Mukwonago may require work to be done which differs from the report(s) described in paragraph 3 above, if the Village of Mukwonago reasonably concludes that such work is necessary and consistent with the intent of this agreement and /or with Chapter 34 of the Village Code of Ordinances. Upon notification by the Village of Mukwonago of required maintenance or repairs, the Owner shall complete the specified maintenance or repairs within a reasonable time frame, as determined by the Village of Mukwonago.
5. If the Owner does not complete an inspection under 3 above or complete the required maintenance or repairs under 2 above within the specified time period, the Village of Mukwonago is authorized, but not required, to perform the specified inspections, maintenance or repairs. In the case of an emergency situation, as determined by the Village of Mukwonago, no notice shall be required prior to the Village of Mukwonago performing emergency maintenance or repairs.

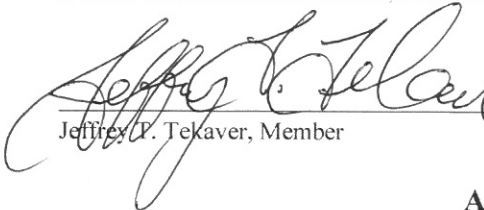
The cost of inspections or measures undertaken by the Village pursuant to this agreement shall be first paid from the proceeds of any surety maintained to secure the performance by the Owner/Developer of its obligations under this agreement and the conditions of the use, site and architectural approval. In the event that the costs of said measures shall exceed the value of the surety or the surety has expired or been terminated, then in that event the cost of said measures shall be assessed as a special charge for current services pursuant to Wis Stat Sec. 66.0627. Any such assessment which is not paid within 60 days after billing shall be deemed a delinquent special charge and shall become a lien upon the parcel against which such charge has been assessed. Such delinquent charges shall be extended upon the current or next tax roll as a delinquent tax against the parcels for which payment has not been received by the Village and all proceedings in relation to the collection, return and sale of property for delinquent real estate taxes shall apply to such special charges. The Developer hereby consents to the levy of such charge and waives notice and the right to hearing.

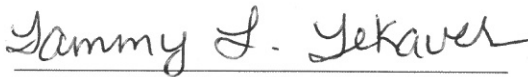
6. This Agreement shall run with the property and be binding upon all heirs, successors and assigns. After the Village records this document, the Village of Mukwonago shall have the sole authority to modify this agreement contingent upon the Village of Mukwonago providing a 30-day written notice to the current Owner. Any modifications shall conform to the minimum requirements of Chapter 34 (or its successor) and be written so as to ensure the long-term maintenance of the storm water BMP's.

7. The Owner/Developer agrees to pledge a surety in a form acceptable to the Village of Mukwonago to secure performance of the obligations arising from the construction and maintenance of the storm water BMPs provided for under this Agreement in the amount of 120% of the actual cost of the storm water BMPs. Said surety shall remain in effect for a period of three (3) years from the date of the execution of this Agreement or until drawn upon in full by the Village or one year (1) from the date of the certification of the storm water improvements whichever occurs first. Release of the surety prior to the deadlines stated herein shall be governed by Mukwonago Village code section 34-108(c) as amended
8. This Agreement shall be governed and construed in accordance with the laws of the State of Wisconsin.

Dated this 30TH day of DECEMBER, 2019

Owner: Phantom Lake Preserve, Authorized Representatives

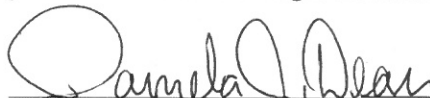

Jeffrey P. Tekaver, Member


Tammy L. Tekaver, Member

Acknowledgements

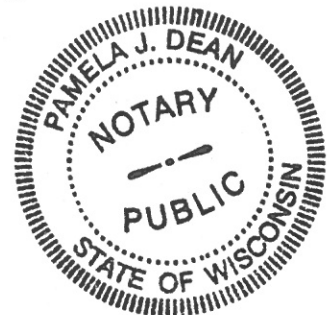
State of Wisconsin: WI
County of ~~Waukesha~~ Milwaukee

Personally came before me this 30th day of December, 2019, the above named to me known to be the person who executed the foregoing instrument and acknowledged the same.



Pamela J. Dean (Sign)

Pamela J. Dean (Print)
Notary Public, ~~Waukesha~~ Milwaukee County, WI
My commission expires: 11/13/2022



Accepted by the Village of Mukwonago this ____ day of _____, 201__.

Fred Winchowky, Village President

Diana Dykstra, Village Clerk

This document was drafted by:

Pinnacle Engineering Group
20725 Watertown Road, Suite 100
Brookfield, WI 53186
Telephone: (262) 754-8888

Exhibit A – Legal Description

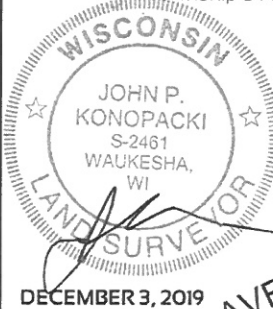
The following description and reduced copy map identifies the land parcel(s) affected by this Agreement. For a larger scale view of the referenced document, contact the Waukesha County Register of Deeds office.

Lot 1 of Certified Survey Map No. _____, being a part of the Southwest 1/4 and Northwest 1/4 of the Southwest 1/4 Section 27, Township 5 North, Range 18 East, Village of Mukwonago, Waukesha County, Wisconsin.

[illegible]

CERTIFIED SURVEY MAP NO. _____

Being a part of the Southwest 1/4 and Northwest 1/4 of the Southwest 1/4 Section 27,
Township 5 North, Range 18 East, Village of Mukwonago, Waukesha County, Wisconsin



Tax Key Numbers:
MUKV1979991
MUKV1979992

OUTLOT 8
MINORS HOMESTEAD
ADDITION NO. 2

NORTH LINE OF THE SW 1/4 SEC. 27, T5N, R18E
N89°03'46"E 2663.65'

EAGLE LAKE AVENUE
COUNTY TRUNK
HIGHWAY "LO"

CENTERLINE
(R) N65°15'15"E
CSM 3866

(FORMERLY STATE
TRUNK HIGHWAY "99")
(VARIABLE PUBLIC R.O.W.)

LOT 1

2' ABOVE 100 YEAR
FLOOD PLAIN
EL.=797.2

APPROXIMATE ORDINARY
HIGH WATER MARK &
EDGE OF WATER EL.=790.5

WETLANDS DELINEATED
BY HEARTLAND
ECOLOGICAL GROUP INC.
MAY 2019

S89°14'11"W 1330.70'
SOUTH LINE OF THE NORTHWEST 1/4
OF THE SW 1/4 SEC. 27, T5N, R18E
NORTH LINE OF THE SOUTHWEST 1/4
OF THE SW 1/4 SEC. 27, T5N, R18E

LEGEND:

- - Denotes Found 1" Iron Pipe
- ⊙ - Denotes Set 3/4" X 18" Iron Rebar, 1.5 LBS./FT.
- ⊙ - Denotes Soil Boring Test Pit
- (R) - Denotes "Recorded As"

PRIMARY
ENVIRONMENTAL
CORRIDOR PER
WAUKESHA
COUNTY GIS

100 YEAR FLOOD
PLAIN PER FEMA
EL.=795.2

UNPLATTED LANDS
TAX KEY
#MUKT1979993002
OWNER: MOVRIK

PUD SETBACKS:
FRONT=23.5 FEET
SIDE=15 FEET
REAR=50 FEET

NO CORNER MARKERS
FOUND OR SET

MATCH LINE SHEET 2
MATCH LINE SHEET 3
GRAPHICAL
SCALE (FEET)

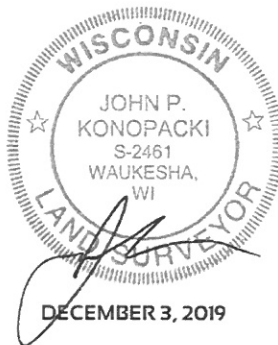
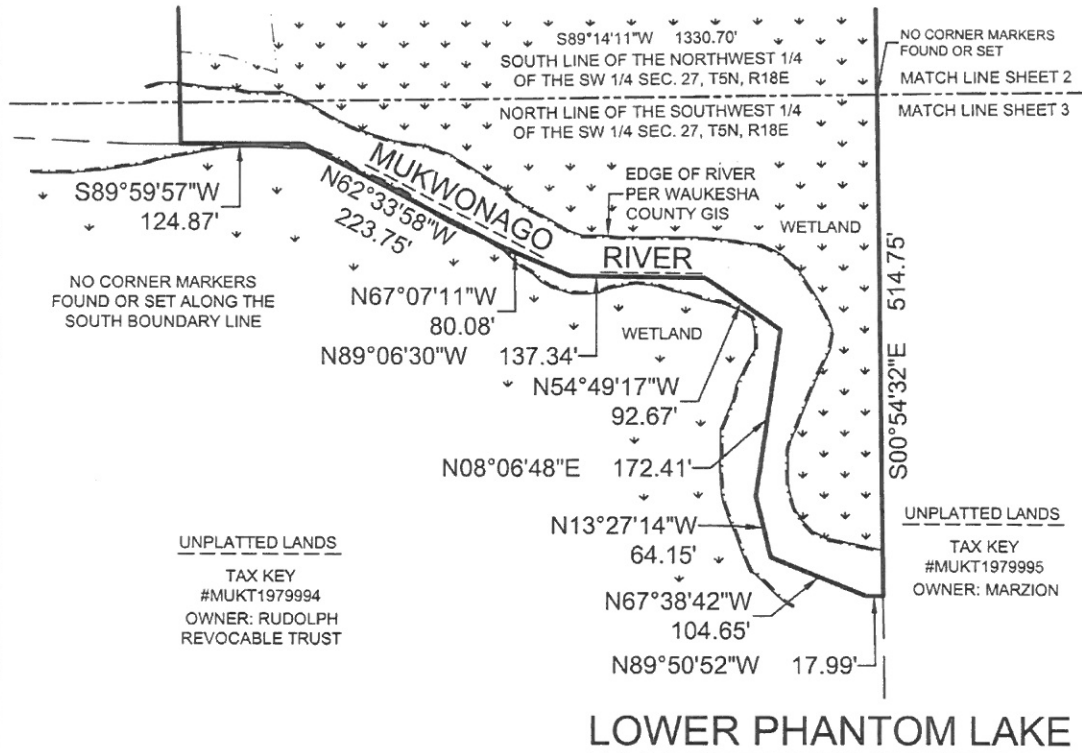
0 1" = 150'
PEG JOB#1578.00
SHEET 2 OF 6

Prepared By:
PINNACLE ENGINEERING GROUP
20725 WATERTOWN ROAD | SUITE 100
BROOKFIELD, WI 53186
OFFICE: (262) 754-8888

This instrument drafted by John P. Konopacki, PLS-License No. S-2461

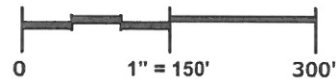
CERTIFIED SURVEY MAP NO. _____

Being a part of the Southwest 1/4 and Northwest 1/4 of the Southwest 1/4 Section 27,
Township 5 North, Range 18 East, Village of Mukwonago, Waukesha County, Wisconsin



- LEGEND:**
- - Denotes Found 1" Iron Pipe
 - - Denotes Set 3/4" X 18" Iron Rebar, 15 LBS./FT.
 - ⊙ - Denotes Soil Boring Test Pit
 - (R) - Denotes "Recorded As"

GRAPHICAL SCALE (FEET)



CURVE TABLE

CURVE NO.	LENGTH	RADIUS	DELTA	CHORD BEARING	CHORD LENGTH	TANGENT IN	TANGENT OUT
C1	398.79'	2564.05'	008°54'41"	N59°50'26"E	398.39'	N64°17'46"E	N55°23'05"E
C2	406.57'	2614.05'	008°54'41"	N59°50'26"E	406.16'	N64°17'46"E	N55°23'05"E

Prepared By:
PINNACLE ENGINEERING GROUP
20725 WATERTOWN ROAD | SUITE 100
BROOKFIELD, WI 53186
OFFICE: (262) 754-8888

This instrument drafted by John P. Konopacki, PLS-License No. S-2461

PEG JOB#1578.00
SHEET 3 OF 6

CERTIFIED SURVEY MAP NO. _____

Being a part of the Southwest 1/4 and Northwest 1/4 of the Southwest 1/4 Section 27,
Township 5 North, Range 18 East, Village of Mukwonago, Waukesha County, Wisconsin

SURVEYOR'S CERTIFICATE

STATE OF WISCONSIN)
WAUKESHA COUNTY) SS

I, John P. Konopacki, Professional Land Surveyor,
do hereby certify:

That I have surveyed, mapped and divided that part
of the Southwest 1/4 and Northwest 1/4 of the
Southwest 1/4 Section 27, Township 5 North,
Range 18 East, Village of Mukwonago, Waukesha
County, Wisconsin, described as follows:

Commencing at the northwest corner of the
Southwest 1/4 of said Section 27;
Thence North 89°03'46" East along the north line
of said Southwest 1/4, 1269.53 feet to the centerline
of Eagle Lake Avenue - County Trunk Highway "LO"
and the Point of Beginning;

Thence continuing North 89°03'46" East along said north line, said line also being the south
line of Minors Homestead Addition No. 2, a recorded subdivision, 62.29 feet;
Thence South 00°38'53" East, 789.81 feet to a found 1" iron pipe;
Thence South 01°17'48" East, 531.09 feet to the north line of the Southwest 1/4 of the Southwest 1/4 of said Section 27;
Thence South 00°54'32" East along the east line of the said Southwest 1/4 of the Southwest 1/4, 514.75 feet;
Thence North 89°50'52" West, 17.99 feet;
Thence North 67°38'42" West, 104.65 feet;
Thence North 13°27'14" West, 64.15 feet;
Thence North 08°06'48" East, 172.41 feet;
Thence North 54°49'17" West, 92.67 feet;
Thence North 89°06'30" West, 137.34 feet;
Thence North 67°07'11" West, 80.08 feet;
Thence North 62°33'58" West, 223.75 feet;
Thence South 89°59'57" West, 124.87 feet;
Thence North 01°14'24" West, 993.41 feet to the aforesaid centerline of Eagle Lake Avenue - County Trunk Highway "LO";
Thence North 64°17'46" East along said centerline, 157.32 feet to a point of curvature;
Thence northeasterly 398.79 feet along the arc of said curve to the left and said centerline, whose radius is 2564.05 feet
and whose chord bears North 59°50'26" East, 398.39 feet;
Thence North 55°23'05" East, 193.87 feet to the Point of Beginning.

Dedicating the northwesterly portion of subject property as graphically shown for public right of way purposes.

Containing 939,620 square feet (21.5707 acres) of land Gross and 899,742 square feet (20.6552 acres) of land Net more
or less.

That I have made such survey, land division and map by the direction of Phantom Lake Preserve, LLC, owner of said land.

That such plat is a correct representation of all the exterior boundaries of the land surveyed and the land division thereof
made.

That I have fully complied with the requirements of Chapter 236 of the Wisconsin State Statutes and the Village of
Mukwonago in surveying, mapping and dividing the land with in the certified survey map.

John P. Konopacki
Professional Land Surveyor S-2461

Date: DECEMBER 3, 2019

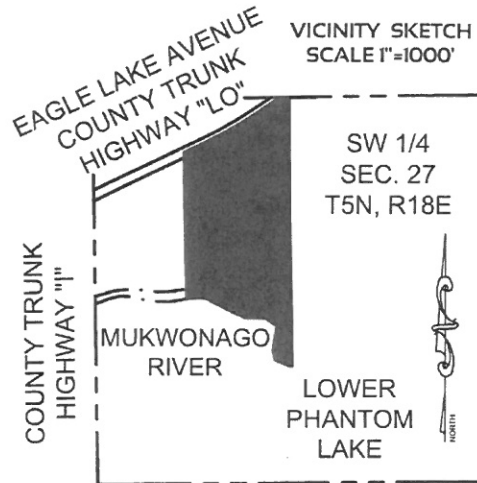


Prepared By:
PINNACLE ENGINEERING GROUP
20725 WATERTOWN ROAD | SUITE 100
BROOKFIELD, WI 53186
OFFICE: (262) 754-8888

This instrument drafted by John P. Konopacki, PLS-License No. S-2461

Prepared for:
Phantom Lake Preserve, LLC
W15657394 Quietwood Drive
Muskogee, WI 53150

PEG JOB#1578.00
SHEET 4 OF 6



CERTIFIED SURVEY MAP NO. _____

Being a part of the Southwest 1/4 and Northwest 1/4 of the Southwest 1/4 Section 27,
Township 5 North, Range 18 East, Village of Mukwonago, Waukesha County, Wisconsin

OWNER'S CERTIFICATE OF DEDICATION

Phantom Lake Preserve, LLC, a Limited Liability Company duly organized and existing under and by virtue of the laws of the State of Wisconsin, as owner, does hereby certify that said limited liability company caused the land described on this certified survey map to be surveyed, divided, mapped and dedicated as represented on this certified survey map.

Phantom Lake Preserve, LLC, as owner, does further certify that this certified survey map is required by Chapter 236 of the Wisconsin State Statutes to be submitted to the following for approval or objection:

1. Village of Mukwonago

IN WITNESS WHEREOF, the said Phantom Lake Preserve, LLC has caused these presents to be signed by Jeff Tekaver, Member and Tammy Tekaver, Member, at (city) GORDENALE, MILWAUKEE County, Wisconsin, on this 2nd day of January, 20 20

In the presence of: Phantom Lake Preserve, LLC

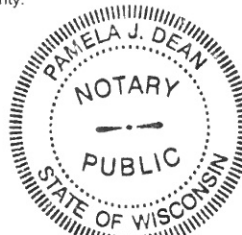
Jeff Tekaver
Jeff Tekaver, Member

Tammy Tekaver
Tammy Tekaver, Member

STATE OF WISCONSIN)
Milwaukee COUNTY) SS

Personally came before me this 2nd day of January, 20 20, Jeff Tekaver, Member and Tammy Tekaver, Member of the above named limited liability company, to me known to be the persons who executed the foregoing instrument, and to me known to be such Members of said limited liability company, and acknowledged that they executed the foregoing instrument as such officer as the deed of said limited liability, by its authority.

Pamela J. Dean
Notary Public
Name: Pamela J. Dean
State of Wisconsin, Milwaukee County
My Commission Expires: 11/13/2022



CONSENT OF CORPORATE MORTGAGEE

_____, a corporation duly organized and existing under and by virtue of the laws of the State of Wisconsin, mortgagee of the above described land, does hereby consent to the surveying, dividing, mapping and dedication of the land described in the forgoing affidavit of John P. Konopacki, surveyor, and does hereby consent to the above certification of owners.

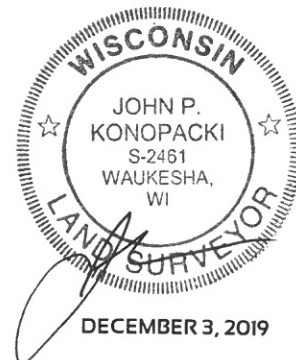
IN WITNESS WHEREOF, the said _____, has caused these presents to be signed by _____, its President, and its corporate seal to be hereunto affixed this _____ day of _____, 20 _____.

Date President

STATE OF WISCONSIN)
_____ COUNTY) SS

Personally came before me this _____ day of _____, 20 _____, to me known to be the person who executed the foregoing instrument and to me known to be such officer of said corporation and acknowledged the same.

Notary Public
Name: _____
State of Wisconsin
My Commission Expires: _____



Prepared By:
PINNACLE ENGINEERING GROUP
20725 WATERTOWN ROAD | SUITE 100
BROOKFIELD, WI 53186
OFFICE: (262) 754-8888

This instrument drafted by John P. Konopacki, PLS-License No. S-2461

PEG JOB#1578.00
SHEET 5 OF 6

CERTIFIED SURVEY MAP NO. _____

Being a part of the Southwest 1/4 and Northwest 1/4 of the Southwest 1/4 Section 27,
Township 5 North, Range 18 East, Village of Mukwonago, Waukesha County, Wisconsin

PLAN COMMISSION APPROVAL

Approved by the Plan Commission of the Village of Mukwonago on this 10 day of December, 2019

12/30/2019
Date

Fred Winchowsky
Chairman

12/30/2019
Date

Guido Goulet
Secretary

VILLAGE BOARD APPROVAL

Approved by the Village Board of the Village of Mukwonago, Wisconsin, on this 12 day of December, 2019

12/30/2019
Date

Fred Winchowsky
Fred Winchowsky, Village President

12/30/2019
Date

Diana Dykstra
Diana Dykstra, Village Clerk-Treasurer

NOTES:

- All measurements have been made to the nearest one-hundredth of a foot.
- All angular measurements have been made to the nearest one second.
- Flood Zone Classification: The property lies with in Zone "X", Zone "AE" and FLOODWAY of the Flood Insurance Rate Map Community Panel No. 55133C0426G with an effective date of NOVEMBER 5, 2014. Zone "X" areas are determined to be outside the 0.2% annual chance floodplain. Zone "AE" have Base Flood Elevations determined.
- Vertical Datum: National Geodetic Vertical Datum of 1929 (NGVD29). Contours are shown at a 1' interval based on actual ground survey of the current ground terrain. Reference Benchmark: Concrete monument with brass cap at the northwest corner of the Southwest 1/4 Section 27, Town 5 North, Range 18 East, Elevation = 824.21.
- Any land below the ordinary high water mark of a lake or a navigable stream is subject to the public trust in navigable waters that is established under article IX, section 1, of the state constitution.
- Right of Way widths and locations are based on Certified Survey Map No. 3866, the recorded plat of Minors Homestead Addition No. 1 and surveys of record.
- Bearings referenced to the Wisconsin State Plane Coordinate System, South Zone (N.A.D. 1927). The north line of the Southwest 1/4 of Section 27, Township 5 North, Range 18 East has a bearing of N89°03'46"E.



DECEMBER 3, 2019

Prepared By:
PINNACLE ENGINEERING GROUP
20725 WATERTOWN ROAD | SUITE 100
BROOKFIELD, WI 53186
OFFICE: (262) 754-8888

This instrument drafted by John P. Konopacki, PLS-License No. S-2461

PEG JOB#1578.00
SHEET 6 OF 6

Exhibit B - Location Map

Storm Water Management Practices Covered by this Agreement

The storm water management practices covered by this Agreement are depicted in the reduced copy of a portion of the construction plans, as shown below:

Stormwater Practices:

1. **Wet Pond:** The site will utilize a stormwater pond located on the southernmost extents of the site. This pond receives runoff from almost all disturbed areas within the property boundary. This pond's outlet structure discharges to the south towards the existing wetland area.

Drainage Area Restrictions:

Stormwater drainage areas identified are for storm water collection, conveyance, and treatment. No buildings or other structure are allowed in these areas. No grading or filling is allowed that may interrupt storm water flows in any way unless an amended stormwater management plan and maintenance agreement is provided. See Exhibit C for specific maintenance requirements for storm water management practices within the area. See Exhibit B for details on location.

Exhibit B – Continued
Phantom Lakes Preserve



EAGLE LAKE AVENUE
COUNTY TRUNK HIGHWAY "LO"

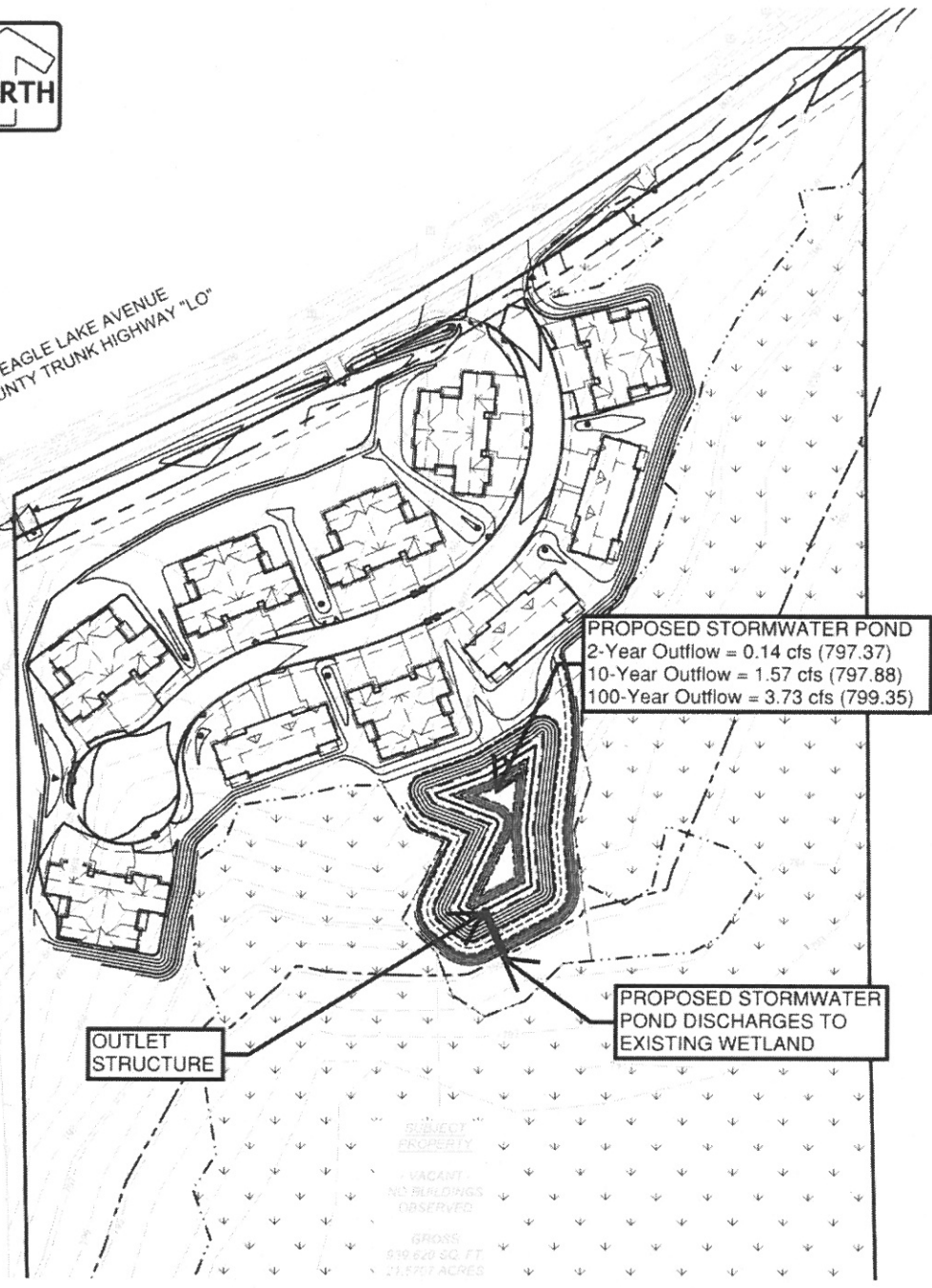


Exhibit C - Storm Water Practice Maintenance Plan

This exhibit explains the basic function of each of the storm water practices listed in Exhibit B and prescribes the minimum maintenance requirements to remain compliant with this Agreement. The maintenance activities listed below are aimed to ensure these practices continue serving their intended functions in perpetuity. The list of activities is not all inclusive, but rather indicates the minimum type of maintenance that can be expected for this site.

The owner shall keep a record of all inspections performed and additional work associated with the upkeep of the system. This log shall be made available to the Village upon request.

System Description:

The stormwater pond and catch basins is designed to remove at least 80% of the Total Suspended Solids (TSS) from the site runoff and to reduce the post-development downstream peak flows to meet the Village of Mukwonago Stormwater Ordinance. Storm sewer functions to convey runoff to the pond, as well as filter pollutants, especially from smaller storms. To function correctly, the pond size, water level, vegetation and outlet structures must be maintained as specified in this Plan.

Minimum Maintenance Requirements:

To ensure the proper long-term function of the storm water management practices described above, the following activities must be completed by the Facility Manager:

1. All outlet structures and pipes must be checked monthly to ensure there is no blockage from floating debris or ice, especially the washed stone in front of the orifices and the trash rack on the risers in the main part of the pond. Any blockage must be removed immediately. The washed stone must be replaced when it becomes clogged.
2. Grass swales shall be preserved to allow free flowing of surface runoff in accordance with approved grading plans. No buildings or other structures are allowed in these areas. No grading or filling is allowed that may interrupt flows in any way.
3. Grass swales, inlets and outlets must be checked at least twice yearly (spring and fall) and after heavy rains for signs of erosion. Any eroding areas must be repaired immediately to prevent premature sediment build-up in the pond. Erosion matting is recommended for repairing grassed areas.
4. NO trees are to be planted or allowed to grow on the earthen berms. Tree root systems can reduce soil compaction and cause berm failure. The berms must be inspected annually and any woody vegetation should be removed.
5. If floating algae or weed growth becomes a nuisance (decay odors, etc.), it must be removed from the pond and deposited where it cannot drain back into the pond. Removal of the vegetation from the water reduces re-growth the following season (by harvesting the nutrients). Wetland vegetation must be maintained along the water's edge for safety and pollutant removal purposes.

6. The wet pond is to be cleaned out prior to the depth of water being reduced by accumulated sediment to less than three (3) feet. All removed sediment must be placed in an appropriate upland disposal site and stabilized (grass cover) to prevent sediment from washing back into the pond.
7. No grading or filling of the pond or berms other than for sediment removal is allowed, unless otherwise approved by the Village of Mukwonago.
8. To promote more effective infiltration, mowing in the drainage ways, stormwater pond, and wetland fringe areas should be minimized. If mowing is deemed necessary, the mowing heights should be no shorter than six (6) inches. Restricting any mowing to late summer or autumn will minimize mortality to ground nesting birds. To discourage the presence of nuisance waterfowl (i.e. Canada Geese), a minimum 30-foot wide no-mow fringe shall be maintained around the pond, where possible.
9. After Vegetation is 70% established, the use of herbicides/pesticides is to be discontinued along the swales & pond.

Wet Detention Pond

I. ROUTINE MAINTENANCE

A. Mowing

1. Side slopes, embankments, and emergency spillways that are not rock lined which have been planted with turf grasses should be mowed at least three (3) times a year to prevent woody growth and control noxious weeds. Recommended mowing times are April, July and October of each year.
2. The Owner may more frequently mow areas adjacent to the entry drive, typically once every week to two weeks during a normal growing season, for aesthetic and allergy control purposes.
3. Native grasses should be mowed to a height of 6" in mid to late summer or after they have achieved a height of 1-1/2 feet during the first growing season. Further mowing in subsequent growing seasons may not be required.
4. A 6" to 8" mowing every 3 to 4 years, may suffice as a substitute management technique. The mowed area should be raked and performed in the spring.

B. Inspections

1. Inspections of the ponds shall be completed on an annual basis or after significant rainfall events.
2. The inspections should be completed during wet weather conditions to determine if the ponds are functioning properly.
3. Inspection priorities shall be as follows:
 - a. Inspect the embankments for subsidence, erosion, cracking and tree growth.
 - b. Inspect the condition of the emergency spillway and overland flow path.
 - c. Inspect the pond for accumulation of sediment.
 - d. Inspect the outlet control structure for clogs, debris and material failures.
 - e. Inspect upstream and downstream channels from an erosion perspective.
 - f. Inspect any modifications that may have been done to the ponds following their initial construction.
 - g. Inspect the side slopes of the pond for erosion, slumping, cracking or woody plant materials.

4. As-built plans shall accompany the person responsible for the pond inspections.
5. Documentation of the inspections should be completed and filed. Documentation should include as a minimum:
 - a. Inspectors name, affiliation and professional credentials if applicable.
 - b. Date, time and weather conditions.
 - c. Approximate rainfall total over a 24-hour period if applicable.
 - d. Existing embankment, outlet and inlet conveyance systems and vegetation condition.
 - e. Sediment depth at the outlet control structure (in wet forebays) and at a minimum one other location.
 - f. Identification of potential structural failures and repair needs.
 - g. Other pond conditions such as vegetation growth, algae growth and emergency spillway conditions.
 - h. Repair recommendations.
- C. Debris and Litter Removal.
 1. Debris and litter removal from the pond surface shall be completed at least once a month.
 2. Particular attention should be paid to debris accumulating around the riser pipe to prevent potential clogging.
- D. Erosion Control.
 1. The pond side slopes, embankments and emergency spillways may suffer from periodic slumpage and erosion.
 2. Corrective measures shall include regrading, filling and revegetation of the eroded or slumping areas.
 3. Permanent geosynthetic erosion matting (or rip rap) at the pond outlet and emergency spillways should be inspected for displacement or undermining. Repairs shall be made upon discovery.
- E. Nuisance Control.
 1. Biological control of algae and mosquitoes is preferred over chemical control. Consultation with local WDNR officials is recommended prior to the introduction of any biological control.
 2. Maintaining the native grass perimeter will aide in the control of geese.
 3. Mechanical controls should be used when feasible.
- II. NON-ROUTINE MAINTENANCE
 - A. Structural Repairs and Replacement.
 1. The outlets of the pond have been constructed utilizing concrete pipe and concrete materials. The estimate life of these structures is 75 to 100 years. Annual inspection of the structures will disclose any potential structural problems. If structural problems appear, repair or replace the outlet.
 2. Excessive or chronic drawdowns of the ponds may cause leaks or seepage through the embankments. Excessive drawdowns should be avoided and thus corrective measures for leakage and seepage can be avoided.
 - B. Sediment Removal.
 1. A sediment clean out cycle of 10 to 15 years is recommended. Sediment removal may be necessary prior to 10 years if there is a substantial amount of land disturbance occurring within the contributory watershed. Annual inspections shall be made to ensure that the design depth of the permanent water pool is maintained.

2. It is recommended that the sediment be tested to determine if land filling is necessary. Contact the local DNR prior to sediment sampling and testing to ensure compliance with State standards and regulations.
3. Surveyed depths of the sediment storage area and permanent pool elevations shall be made immediately following the construction of the ponds and recorded on the as-built plans. Annual inspections shall include measure downs to determine sediment elevations in relation to the permanent pool elevation.

Storm Water Conveyance System Maintenance Requirements:

1. The Titleholder(s) is responsible for ensuring system inlets, outlets roof drains and any external runoff control structures remain clear of debris and blockage. The inlets and outlets shall be inspected semi-annually and/or after major storm events (more than 3.5 inches of rainfall in 24 hours). Any debris or blockage found should be immediately removed.
2. Visual inspections from system access points of the conveyance system shall be conducted semi-annually and/or after major storm events (more than 3.5 inches of rainfall in 24 hours) and, after extended periods of rainy weather (more than 3 days) and at least semi-annually. Major items to look for are excessive debris build-up at system inlets and outlets, and proper system discharge.
3. Storm curb inlets shall be inspected semi-annually and/or after major storm events (more than 3.5 inches of rain fall in 24 hours). Any debris that is found, causing potential blockage, shall be cleaned immediately. All storm curb inlet and storm manhole sumps shall be cleaned annually, at a minimum, or when sediment in the sump has accumulated to an elevation of one foot below the outlet pipe elevation.
4. Cleanout of sediment accumulation should be based on manufacture recommendations. Cleanout shall be performed when the sediment accumulation does not allow the system to function as designed.

Exhibit D - Design Summary

The proposed development will include the ten (10) buildings each containing two (2) units each with a shared entry driveway, a new private road, and storm water management facilities.

The proposed development has been intentionally designed with sensitivity to storm water drainage, recognizing that existing drainage patterns should be maintained while measures should be taken to improve drainage and alleviate or maintain proposed discharges to pre-development levels as described by chapter 34 of the Village of Mukwonago Municipal Code. Water quality has also been addressed to meet or exceed the Village of Mukwonago requirements for Total Suspended Solid (TSS) removal.

Proposed Drainage Area A1: A total of 4.285 acres which includes the majority of the proposed impervious surfaces, buildings, and green spaces. The runoff from this drainage area will be routed to the proposed Wet Pond located at the south end of the development site via the storm sewer system.

Proposed Drainage Area A2: A total of 0.232 acres which includes a section on the northern end of the development site consisting of the proposed private road connection to County Truck Highway LO and the surrounding ditch. This area will be left undetained and untreated. The runoff from this drainage area will be routed southeast towards the existing wetland area.

Water Quality Summary

Phantom Lakes Preserve - Water Quality Output Summary Table							
Pollutant	Concentration - No Controls	Concentration - With Controls	Concentration Units	Pollutant Yield - No Controls	Pollutant Yield - With Controls	Pollutant Yield Units	Percent Yield Reduction
Particulate Solids	164.0	30.75	mg/L	1246	233.7	lbs	81.24%
Particulate Phosphorus	0.4336	0.0783	mg/L	3.294	0.595	lbs	81.93%

Drainage Summary

Summary Data Elements	Subwatershed A1		Subwatershed A2	
	Pre-development	Post-development	Pre-development	Post-development
Watershed Areas (acres) (see attached map)	4.285	4.285	0.232	0.232
Average Watershed Slopes (%)	2.6%	1.0%	2.0%	1.5%
Land Uses (% of each) (see attached map)	100% Open Space	100% Residential	100% Open Space	100% Residential
Runoff Curve Numbers	71	86	71	89
Conveyance System Types	Grass Waterway	75% Storm Sewer, 25% Grass waterway	Grass Swale	60% Pavement, 40% Grass Swale
Time of Concentration (Tc) (min)	36.4	12.9	5.0	5.0
25% of 2-yr 24-hr runoff volume (ac. ft.)	-	0.126	-	0.008
1-year/24-hour Peak Flow (cfs)	1.22	6.88	0.17	0.58
2-yr./24-hour Peak Flow (cfs)	1.74	8.35	0.23	0.69
10-yr./24-hour Peak Flow (cfs)	4.11	13.96	0.53	1.09
100-yr./24-hour Peak Flow (cfs)	10.38	26.25	1.29	1.96

Wet Pond Summary

This pond is located on the southern end of the project site of the site and collects runoff from drainage areas. Characteristics of this pond are as follows:

Wet Pond	Design Data
Site assessment data: (see attached maps)	
Contributing drainage area to pond	4.285 ac
Distance to nearest private well (including off-site wells)	> 100 feet
Distance to municipal well (including off-site wells)	> 1200 feet
Wellhead protection area involved?	No
Ground slope at site of proposed pond	2.6%
Any buried or overhead utilities in the area?	No
Proposed outfall conveyance system/discharge (w/ distances)	Wet Pond
Any downstream roads or other structures? (describe)	Yes, 12" DIA pipe
Floodplain, shoreland or wetlands?	Wetlands
Soil investigation data (see attached map & soil logs):	
Number of soil investigations completed	1
Do elevations of test holes extend 3ft. below proposed bottom?	No
Average soil texture at pond bottom elevation (USDA)	Gravel Silt
Distance from pond bottom to bedrock	N/A
Distance from pond bottom to seasonal water table	Located 18" below seasonal water table
General pond design data (see attached detailed drawings):	
Permanent pool surface area	7,738 ft ²
Design permanent pool water surface elevation	795.50
Top of berm elevation (after settling) and width	800.50, 10.0'
Length/width (dimension/ratio)	3/1
Safety shelf design (length, grade, max. depth)	10.0', 10:1, 1.0'
Ave. water depth (minus safety shelf/sediment)	5.0'
Sediment storage depth & design maintenance	3.0'

Wet Pond Inflow, Outflow & Storage Data (see attached hydrographs and detail drawings)						
Inflow Peak Runoff	Maximum Outflow Rate (cfs)	Max. Water Elevation (ft)	Storage Volume @ Max. Elev (cu. ft) (above perm. Pool)	Outflow Control Structures*		
				1	2	3
6.88 1-year/24- hour Peak Flow (cfs)	0.13	797.06	13,836	X		
8.35 2-yr./24- hour Peak Flow (cfs)	0.14	797.37	17,103	X		
13.96 10-yr./24- hour Peak Flow (cfs)	1.57	797.88	22,631	X	X	
26.25 100-yr./24- hour Peak Flow (cfs)	3.73	799.35	41,039	X	X	

*

1 = 2.0" DIA Orifice
INV=795.50

2 = 16.0" W x 6.6" H Weir
INV=797.40

3 = 10' x 10.0' Spillway
INV=799.50

Site Release Rate Summary

The table below summarizes the storm water release rates associated with the development. The Allowable Release Rate is defined as the pre-development release rate, which is the addition of the one existing/pre-development drainage areas. The Total Proposed Release Rate is calculated as the addition of the:

- Wet Pond release rate at the peak time.

The table verifies that the Storm Water Management Plan reduces the post-developed flow rates to equal to or less than the corresponding pre-developed (existing) flow rates.

Storm Event	Criteria	Total Allowable Release Rate (cfs)	Proposed Release Rate (cfs)
Year			
1	Less than or equal to $Q_{1\text{-year}}$	1.28	0.64
2	Less than or equal to $Q_{2\text{-year}}$	1.83	0.76
10	Less than or equal to $Q_{2\text{-year}}$	1.83	1.65
100	Less than or equal to $Q_{10\text{-year}}$	4.33	3.99

Site Discharge

- Note: Total Peak Runoff Rates are based on the addition of the peak discharge rates from the associated hydrographs at the peak time for the site; due to varying peak times, the total discharge rates are not a direct summation of the peak rates for each. Refer to the attached calculations for additional information.

Committee/Board:	Village Board
Topic:	Agreement for the Subdivision Improvements for the Phantom Lake Preserve Development in the Village of Mukwonago, Waukesha County.
From:	Diana Dykstra
Department:	Administration
Presenter:	Ben Kohout
Date of Committee Action (if required)	
Date of Village Board Action (if required)	01/15/2020

Information

Subject:

Agreement for the Subdivision Improvements for the Phantom Lake Preserve Development in the Village of Mukwonago, Waukesha County.

Background Information/Rationale:

As part of a Development Project that includes the Condominium project of then (10) duplexes

approved as a Conditional Use Permit previously by the Village Board, a Developer Agreement

is required to be submitted and approved by the Village Board. This item was presented at the December Village Board meeting, and was directed to be reviewed by Staff to ensure latest Stormwater Maintenance Plan, Certified Survey Map and Construction Plans were incorporated

into the document. These items have been reviewed by Staff and updated in the current proposal.

In short, the agreement shall serve to provide for the specified infrastructure as presented by the

developer and approved by the Village. Furthermore, the agreement specifies the intent to protect the Municipality from the cost of completing subdivision improvements itself and to avoid

the harmful consequences of land development prior to satisfactory completion of included improvements or prior to the payment of improvement costs.

Key Issues for Consideration:

Fiscal Impact (if any):

Requested Action by Committee/Board:

Attachments

DA Phantom Lake Preserve

AGREEMENT FOR THE SUBDIVISION IMPROVEMENTS FOR
THE PHANTOM LAKES PRESERVE DEVELOPMENT
VILLAGE OF MUKWONAGO, WAUKESHA COUNTY, WISCONSIN

This Agreement is made and entered into this _____ day of _____, 2019, by and between the PHANTOM LAKE PRESERVE, LLC, (hereinafter referred to as the Developer”) and the VILLAGE OF MUKWONAGO, a Wisconsin municipal corporation (hereinafter referred to as the “Municipality”) located in Waukesha and Walworth Counties, Wisconsin.

RECITALS

WHEREAS, this Agreement relates to the real property owned by the Developer located within the Municipality (hereinafter referred to as the “Property”) as described in the attached Exhibit A; and

WHEREAS, Developer agrees to develop the Property for twenty (20) units of duplex-style condominiums in accordance with a Planned Unit Development reviewed and approved by the Village of Mukwonago Plan Commission and Village of Mukwonago Board; and

WHEREAS, this Agreement shall detail the development of the Phantom Lakes Preserve (hereinafter referred to as the “Development”); and

WHEREAS, the Municipality seeks to protect the health, safety and general welfare of the community by requiring the completion of various improvements in the Development and thereby to limit the harmful effects of substandard developments, including premature development which leaves property undeveloped and unproductive; and

WHEREAS, the applicable provisions of the Village Municipal Code require that provisions be made for the installation of public sanitary sewer facilities, water mains and water service laterals, the grading of public and private lands, erosion and storm water runoff control and street improvements required to serve the Development; and

WHEREAS, the purpose of this Agreement is to protect the Municipality from the cost of completing subdivision improvements itself and is not executed for the benefit of material men, laborers or others providing work, services or material to the Development or for the benefit of unit buyers in the Development; and

WHEREAS, the purpose of this Agreement including, but is not limited to, the avoidance of harmful consequences of land development prior to satisfactory completion of improvements, or prior to the payment of improvements costs; and

WHEREAS, this Agreement is made for the mutual benefit of the Developer and the Municipality in order that land division requirements be fully complied with; and

WHEREAS, the Municipality will be injured in the event of the Developer's failure to fully and completely perform the requirements of this Agreement, even if construction has not yet been commenced. Accordingly, the parties agree that the Municipality may enforce the terms and provisions of the Agreement, even if construction has not begun; and

WHEREAS, the mutual promises, state law and the Municipality's Code of Ordinances authorize the covenants and obligations contained in this Agreement; and

WHEREAS, Developer agrees to develop the Property in accordance with this Agreement and any applicable regulations of any governmental entity with jurisdiction and/or any other applicable ordinances, including the Municipality's Master Plan and other rules and regulations of the Municipality; and

WHEREAS, it is the intention of the parties that by this Agreement, the parties specifically approve the terms and conditions governing the development of the Development; and

WHEREAS, the Property is the subject of a Conditional Use Permit, which approved a Site Plan and Architectural Review as a conditional use for a Planned Unit Overlay District Development that was approved by the Village Board as Resolution No. 2019-043. The terms of the development of the Property are subject to the conditions set forth in said permit, which is attached hereto as Exhibit F; and

WHEREAS, the Developer now wishes to install public improvements to serve the Development; and

WHEREAS, this Agreement currently contains the following Exhibits (subject to review and approval by the Village Engineer and Department Heads) and any subsequent Exhibits provided for under the Agreement, all of which are incorporated herein as if fully set forth:

Exhibit A:	Legal Description
Exhibit B:	Public Improvement Costs, Lists of Work
Exhibit C:	Public Improvement Plans/Specifications
Exhibit D:	Construction Schedule
Exhibit E:	Condominium Declaration for the Development
Exhibit F:	Conditional Use for the PUD Ordinance Adopted as Village of Mukwonago Resolution No. 2019-043
Exhibit G:	Statement as to Required Liability and Insurance
Exhibit H:	Storm Water Management Plan
Exhibit I:	Landscape Plan
Exhibit J:	CSM including Multi-Use Trail Easement
Exhibit K:	Phasing Map

NOW, THEREFORE, in consideration of the granting of the approval for the development of the Property, the Developer agrees to develop the Development, complete with all improvements outlined herein and in accordance with the terms and conditions of this Agreement and any

applicable regulations of any governmental entity with jurisdiction and/or the ordinances, rules and requirements imposed by the Municipality.

ARTICLE I – GENERAL CONDITIONS

A. Improvements.

The Developer shall construct and install, at its own expense, those on-site and off-site subdivision improvements listed on Exhibit B and further detailed in Exhibit C attached hereto and incorporated herein by this reference (the “Improvements”). The Developer’s obligation to complete the Improvements in the Development (or those improvements required by this Agreement) will arise upon recording of the final CSM for the Developer by the Municipality and will be independent of any obligations of the Municipality contained herein and will not be conditioned on the commencement of construction in the development. Developer agrees to complete the construction of the buildings within the Development in three stages as follows: (i) Stage One shall consist of the first four buildings as shown on the attached map, Exhibit K; (ii) Stage Two will consist of the next four buildings as also depicted on the attached map, Exhibit K; (iii) and Stage Three will be for the remaining two buildings. Developer agrees to initiate the construction, as well as each stage thereafter in accordance with the construction schedules set forth on Exhibit D.

B. Contractors Engaged by Developer.

The Developer agrees to engage Contractors/Subcontractors for all construction included in this Agreement who shall perform such work to the standards of the Municipality and who shall comply with every requirement of the Municipality’s Municipal Code, Village Standard Specifications, and standards in performing such work. The Developer shall furnish the Municipal Engineer with the names of all contractors and their subcontractors, with the classification of the work they will perform not less than fourteen (14) calendar days prior to said contractor/subcontractor beginning work. A pre-construction meeting, attended by the Municipality’s Engineer, Department Heads, the Developer’s Contractor, Utility Companies and Sub-Contractors, as necessary, shall occur within fourteen (14) calendar days after this Agreement is executed.

C. Municipal Approval of Starting Dates.

The Developer further agrees that no work shall be scheduled for the above-mentioned Improvements without the Municipal Engineer’s approval of starting date and schedule which shall be submitted by the Developer for approval by the Municipal Engineer a minimum of fourteen (14) calendar days before work is scheduled to begin. Said schedule shall be attached as Exhibit D and incorporated herein as if fully set forth. The Municipal Engineer approval shall not be unreasonably withheld, conditioned, or delayed. No Building permits shall be issued for the Development until the Municipality has made all necessary approvals; utilities to serve the individual site(s) are in place, inspected and accepted; a drivable year round roadway serving the site(s) with curb and gutter is in place, inspected and accepted; and all other required improvements have been completed, inspected and approved. Subject to the approval by the Municipal Engineer, commencement of construction shall be at the discretion of the Developer.

D. Change Order to Work

The Developer further agrees that the Municipality shall not be responsible for any costs or changes related to this project except those specifically enumerated and agreed to in this Agreement or other written agreements between the Municipality and the Developer. Said changes are to be in writing, executed by Developer and the Municipality, and are to be attached as Exhibits and incorporated herein.

E. Acceptance of Work

The Municipality shall review the Improvements after all Improvements are completed and, if acceptable to the Municipal Engineer, the Mukwonago Village Board shall accept, subject to reasonable discretion, such Improvements as being in compliance with the standards and specification of the Municipality. Such review and acceptance, if appropriate, will occur within 60 days of written notice by the Developer that Developer desires to have the Municipality inspect and accept some or all of the Improvements. At the option of the Municipality, if the ground is frozen, the time for final inspection may be extended as necessary so that final inspection may take place in spring of the following year after vegetation has become established. Before obtaining acceptance of any such Improvements, the Developer shall present to the Municipality valid lien waivers from persons providing materials or performing work on the Improvements for which approval is sought. Acceptance by the Municipality does not constitute a waiver by the Municipality of the right to draw funds under the letter of credit on account of defects in or failure of any Improvement that is detected or which occurs following such acceptance. The Developer shall keep all curbs, driveway approaches and other similar Improvements installed by Developer reasonably clean of ice, snow, dirt or other materials during the entire review period so as to allow the Municipality to observe the Improvements.

The Developer further agrees that the dedication of the required public Improvements will not be accepted by the Municipality until they have been reviewed and recommended for approval by the Municipal Engineer and furthermore until all outstanding Municipality incurred costs, including engineering and construction review charges indicated herein, have been paid in full and affidavits and lien waivers are received by the Municipality indicating that the Contractors and his/her suppliers have been paid in full for all work and materials furnished wider this Agreement. The water main and service laterals shall not be accepted until a complete breakdown of all constructions, engineering and administrative costs incurred by the Developer are submitted to the Municipal Engineer and Village of Mukwonago Clerk, respectively. (This is necessary to aid in determining the Water Utility's plant value.) In addition, the water system installation shall not be accepted until the Municipality obtains a bacteriologically safe sample. The Developer shall flush the main, obtain the samples under Village supervision, and have all tests completed as may be required for the Municipality's acceptance, all at Developer's cost.

The Developer agrees to provide for maintenance and repair of all required public Improvements until the Municipality through Resolution formally accepts such Improvements, except that Municipality shall plow streets after the binder course of asphalt

is installed, contingent upon Developer setting manholes and valve boxes to binder elevation.

The Municipality will provide timely notice to the Developer whenever observation reveals that an improvement does not conform to the Municipality's standards and specifications, or is otherwise defective. The Developer shall have 30 days from the issuance of such notice to correct or substantially correct the defect, provided that, if the nature of the default requires, in the exercise of commercially reasonable diligence, more than thirty (30) days to cure, Developer shall not be in default so long as Developer is pursuing a cure with commercially reasonable diligence. The Municipality shall not declare a default under this Agreement during the 30 day correction period on account of any such defect unless it is clear the Developer does not intend to correct the defect or unless the Municipality determines that immediate action is required in order to remedy a situation that poses an imminent health or safety threat.

Developer shall furnish Municipality with electronic and reproducible copies of all improvement plans. Electronic copies of all improvement plans shall be in the most current version of AutoCAD and in portable document format. The Municipal Engineer shall prepare "record drawings" of the Improvements, at Developer's expense within 30 calendar days of binder course placement.

F. Time of Completion.

All work specified herein will be completed in accordance with the schedule set forth in Exhibit D. However, all public improvements shall be completed and accepted by the Municipality prior to the issuance of Building Permits for Stage One of the construction.

G. Indemnification and Insurance Required of Private Contractors.

The Developer hereby expressly agrees to indemnify and hold the Municipality and its agents harmless from and against all claims, costs and liability of every kind and nature, for injury or damage received or sustained by any person or entity in connection with, or on account of the performance of work at the development site and elsewhere pursuant to this Agreement, unless caused by the Municipality or its officer. The Developer further agrees to aid and defend the Municipality or its agents (at no cost to the Municipality or its officers) in the event they are named as a defendant in an action concerning the performance of work pursuant to this Agreement except where such suit is brought by the Developer. The Developer is not an agent or employee of the Municipality. The Developer shall require all Contractors engaged in the construction of this project to comply with these requirements pertaining to damage claims, indemnification of the Municipality, and provide insurance coverage's that are established by the Municipality. The Developer shall also require Contractors engaged in the construction of this project to maintain a current Certificate of Insurance, naming the Municipality as an additional insured, in a form acceptable to the Municipal Engineer, on file with the Municipal Engineer. Each contractor employed by the Developer and Developer's Contractor or subcontractor shall provide evidence of having the insurance required as per exhibit G in a form acceptable to the Village.

H. Guarantee of Work.

The Developer agrees to guarantee and warrant those Improvements identified on Exhibit A against defects in workmanship or materials for a period of one (1) year from the date of acceptance by the Mukwonago Village Board (the "Guarantee Period"). During the Guarantee Period the Letter of Credit or other surety discussed in Article 1, Section J shall be reduced to an amount equal to 20% of the original estimated cost of the accepted improvements identified on Exhibit B, plus 120% of the original estimated cost of the not yet completed improvements identified on Exhibit B shall remain in force. Upon completion of the full length of the one (1) year guarantee period, the Letter of Credit or surety for the accepted improvements shall be extinguished.

The Developer may request, in writing, acceptance of water main and street and other associated public improvements. Upon successful completion of and the Village acceptance of the public improvements, the Letter of Credit shall be reduced by 80% of the original estimated cost of the Improvements identified on Exhibit B.

I. Compliance with Agreement.

The Developer shall fully comply with any and all provisions of this Agreement and with all Municipal Ordinances, whether or not specifically addressed in this Agreement including but not limited to:

1. Grading, Erosion Control and Barricades:

- a. The Developer shall furnish, install, and maintain during construction and until the Improvements are accepted by the Municipality, all barricades and signs as required by the Manual of Uniform Traffic Control Devices (MUTCD) at all points where new rights-of-way extend or intersect existing streets and all street ends. Signs and barricades shall be required, furnished, and installed so as to conform to the Manual of Uniform Traffic Control Devices.
- b. The Developer shall obtain the approval of the Municipal Engineer for erosion and runoff control measures as required by the Municipal Ordinances prior to grading, utility installation or any other land disturbance activity. The Developer shall adhere to conditions of the approval and grants the right-of-entry on the development to designated personnel of the Municipality to inspect and monitor compliance with this requirement.

2. Sanitary Sewer Facilities and Laterals:

- a. The Developer shall install sanitary sewer mains and laterals (to 10 feet outside of the right-of-way) to serve all lots within the Development in accordance with the approved utility plans. In addition to any other approvals required by this Agreement, until such time that all necessary approvals plans have been obtained from the Municipal Engineer and the State of Wisconsin Department of Natural Resources, no installation of underground utilities shall commence.
- b. As required by the Municipal Engineer as part of the approved plans, the sanitary sewer plans shall include provisions to serve future developments.

- c. The Developer shall furnish the Municipality with reproducible approved plans of the sanitary sewer system, including location and elevation of laterals at the lot lines, prior to the Municipality's acceptance of dedication.
- d. All materials used shall conform to the Standard Specifications for Sewer Main Construction of the Municipality.

3. Water Mains and Service Pipes:

- a. The Developer shall install water mains, including pipe, hydrants, tees, valves, crosses and related appurtenances and water service laterals to serve all lots within the Development as required by the plans, specifications and requirements of the Water Utility and as approved by the State of Wisconsin Department of Natural Resources. All water service laterals two (2") inches in diameter and smaller shall be completed with a curb stop and box and shall be extended 10' beyond the right-of-way line. All other water service laterals shall be capped and buttressed 10' beyond the right-of-way line with a control value/with road box anchored to the main.
- b. All materials used shall conform to the Municipality's Standard Specifications for Water Main Construction.
- c. Fire hydrants shall be installed through the Development and in all cul-de-sacs at Developer's expense. Fire hydrants shall not be installed or permitted within ten feet of driveway approaches, light poles or over laterals (sewer or water). No building permits shall be issued until the Municipal Engineer has determined that adequate fire hydrants are available.
- d. The Developer shall furnish the Municipality with reproducible electronic AutoCAD (not recent version) approved plans of the water system, including location and elevation of laterals at the lot lines, prior to the Municipality's acceptance of dedication.
- e. No water or sewer lateral shall be placed closer than ten (10') feet from driveway aprons or driveways. This restriction shall be placed upon all construction drawings and in the Development restrictions.
- f. No phone, electric or gas utilities shall be permitted within the water/drainage easements, unless the utility crosses the water/drainage at ninety-degree angles. This restriction to be placed upon all construction drawings and in the Development restrictions.

4. Streets:

- a. It is anticipated that the roadway serving the Development ("Phantom Court") will be a private roadway; however, Developer agrees to construct said roadway to established standards and/or specifications of the Municipality.

- b. Backfilling of trenches and excavations associated with the construction shall be done as follows: All trenches and excavations in the surface section of existing or proposed streets, driveways, parking areas, sidewalks, and streets shoulders or within five (5') feet of the edge of such surfaces or shoulders shall be backfilled with granular backfill as specified in the standard specifications. All granular backfill shall be consolidated by thoroughly flushing the trenches and excavations or by methods approved by the Municipal Engineer. All other trenches and excavations may be backfilled with spoil material subject to the Municipal Engineer's approval.
- c. The second lift and final lift of asphalt on Phantom Court shall be completed not less than one (1) year after the binder course of asphalt has been installed.

The Developer shall be responsible for normal snow and ice removal on the private road. The Developer agrees to set the manholes and valve boxes to binder elevation. No mounding shall be used. Prior to installation of the final lift of asphalt, all damage to any manholes and valve boxes shall be repaired by the Developer. Upon placement of the final coat of asphalt, rings shall be installed for the manholes and valve boxes to bring them up to grade.

- d. The Developer shall lay #2 stone at the initial fifty (50') feet of road at each unpaved road entrance to the Development to assist in the removal of excessive mud and debris prior to construction vehicles' egress from the Site. In the event that the laying of this stone at the exits does not accomplish the removal of excessive mud and debris, then it is specifically understood and agreed to by Developer that Developer shall be responsible, at Developer's expense, for cleaning mud and debris from the road, and the Municipality may prevent ingress and egress, except as necessary to bring the road to binder condition. The Developer shall have ultimate responsibility for cleaning up any and all mud, dirt, stone, or debris on the streets until the Municipality has granted final acceptance. The Developer shall clean up the streets within twenty-four (24) hours after receiving notice from the Municipality. The Municipality shall withhold the occupancy permit if construction creates street hazards requiring cleaning.
- e. Only one (1) driveway apron shall be permitted per residence. In the event more than one driveway apron is constructed, then all but one apron shall be removed prior to the granting of an occupancy permit. This restriction to be placed upon all construction drawings and in the Development restrictions.

5. Storm Water Management Structures:

- a. The Developer shall install all storm water management facilities including related public and private storm sewers required by Municipality Ordinance and the plans and specifications approved by the Municipal Engineer attached hereto as Exhibit C. Developer shall furnish the Village with reproducible approved plans of the storm water system for the Development prior to Village acceptance of dedication of the public storm water management facilities located within the road right-of-way.

- b. The Developer shall be responsible for the maintenance of all required storm water facilities located inside the Development prior to acceptance of the storm sewer facilities by the Municipality pursuant to Exhibit H. After such acceptance of the storm sewer facilities the Developer or successor, assign, or subsequent owner of the Development shall remain responsible for the maintenance of the storm water facilities. Maintenance shall include the responsibility of cleaning of storm water facilities of construction debris to assure that they perform adequately.
- c. All underground services shall be constructed according to Village Specifications and/or as reasonably required by Department Heads and Village Engineers.
- d. After the Developer has completed the installation of the storm sewer and/or sanitary sewer, the Developer shall televise the storm sewer and the sanitary sewer lines upon completion and prior to acceptance of the Improvements and Developer shall cause the lines to be cleaned if determined to be necessary by the Municipality. The Developer shall cause the lines to be televised with the approval of the Municipal Engineer and shall provide the tape or a copy of the tape to the Municipal Engineer for the purpose of determining whether any lines need to be cleaned.

6. Other Improvements Required:

- a. Where standards and/or specifications have not been established by the Municipality, all work shall be made in accordance with established engineering practices as designated and approved by the Municipal Engineer.
- b. Streetlights shall be installed at each intersection and above each fire hydrant. Streetlights are to be decorative but down lighting. We Energies Plan shall be provided to Municipality for approval prior to installation of the streetlights. The Developer shall install Night Aura coach light fixture and smooth black fiberglass pole. On the boulevard and west side of the entrance , one light fixture (on a single pole) shall be required. Provided that the Developer has delivered all required letters of credit to the Municipality, building permits may be issued prior to the installation of streetlights. Developer agrees to incur and pay for all costs related to the purchase and installation of streetlights. The Developer shall order and WE-Energies, or other Village-approved contractor, shall install all streetlights.
- c. Developer agrees to pay for all costs related to the purchase, installation and maintenance of all street and traffic signs and traffic pavement markings.
- d. The Landscape Plan for the Development is set forth on Exhibit I. The Developer shall install all improvements as depicted on Exhibit I and be responsible for paying all costs associated with the landscaping except for the

street trees which will be installed by the unit owner after issuance of the occupancy permit. The Condominium Association shall be required to maintain the Development landscaping in perpetuity.

- e. The Developer or successor, assign, or subsequent owner of the Development shall be responsible for the control of all weeds, grass, and underbrush.
- f. The Developer shall dedicate the land for but not construct an off-site 8' wide multi-use trail in the location as depicted on the attached CSM, Exhibit J.

J. Development Restrictions.

The Developer shall record the document entitled the Phantom Lake Preserve Condominium Association Declarations attached hereto as Exhibit E.

K. Shoreland-Wetland.

Prior to building permit issuance, the Developer shall comply with all applicable zoning requirements of the Mukwonago Wisconsin Code of Ordinances.

L. Developer to Reimburse the Municipality for Costs Sustained.

The Developer shall reimburse the Municipality for its actual cost of design, inspections, testing, construction, and associated legal fees for the required public Improvements. The Municipality's costs shall be determined as follows:

- 1. The cost of Village employees' time engaged in any way with the required public Improvements based on the hourly rate paid to the employee multiplied by a factor determined by the Municipality representing the Municipality's cost for expenses, benefits, insurance, sick leave, holidays, overtime, vacation, and similar benefits.
- 2. The cost of Municipality equipment employed.
- 3. The cost of mileage reimbursed to Village employees, which is attributed to the land division.
- 4. The actual costs of Village materials incorporated into the work including transportation costs plus a restocking and/or handling fee not to exceed 5% percent of the cost of the materials.
- 5. The costs incurred by the Municipality in connection with the review and approval of this Agreement and related documents, as well as the cost for review and approval of other related documents including deed restrictions.
- 6. All consultant fees, including legal and engineering, associated with the Improvements at the invoiced amount plus a one percent (1%) administrative fee.

M. Surety.

- 1. Prior to the recording of this Agreement, the Developer agrees to furnish the

Municipality with surety in the form of certified checks, irrevocable letters of credit, or other such form as deemed acceptable by the Municipality exercising reasonable discretion in the minimum amount of 120% of estimated costs of the work identified on Exhibit B to secure performance of this Agreement in accordance with the Municipality's Ordinances. A contractor's performance bond or letter of credit for its portion of the work described on Exhibit A shall remain in full force and effect until one (1) year after acceptance of the Improvements by the Village Board.

2. As work progresses on installation of Improvements constructed as part of the Agreement, the Municipal Engineer, upon written request from the Developer from time to time, is authorized to recommend a reduction in the amount of surety as hereinafter provided. When portions of construction (water, street, or other Improvements) are completed by the Developer, and the Municipal Engineer recommends a reduction in the surety, the Village Board is authorized, upon submission of lien waivers by the Developer contractors, to reduce the amount of surety. This partial reduction in the surety does not constitute "acceptance" of the Improvements.
3. Upon acceptance by the Village Board of the Improvements constructed as part of this Agreement, the Municipality agrees to reduce the surety to the amount set forth in Article I Paragraph H of this Agreement to secure performance of the guarantee described in this Agreement.

N. Developer's Designated Project Manager.

The Developer hereby appoints Greg Petrauski the Project Manager, said individual shall act as the Developer during the construction phase of the installation of these Improvements. At least one Project Manager shall be available during construction hours on the job site or available by telephone. During non-construction hours, the Project Manager shall be available for emergency situations at the following telephone number: (414) 688-8911. The mailing address of Developer for this construction project shall be as follows: 6090 S. Rosetree Pass, New Berlin, WI 53151. In the event that the project manager is replaced, then the Developer shall notify the Village Zoning Administrator, Village Clerk and Village Engineer in writing within 3 business days of the replacement.

O. Engineer of Record.

The Municipality hereby appoints Jerad Wegner of Ruekert and Mielke as the Engineer for the project. Telephone number is (262) 542-5733 and mailing address is: Ruekert & Mielke, W233 N2080 Ridgeview Parkway, Waukesha, Wisconsin 53188-1020.

ARTICLE II – SUPPLEMENTAL GENERAL CONDITION

A. No Vested Rights Granted.

Except as provided by law, or as expressly provided in this Agreement, no vested right in connection with this project shall inure to the Developer. Nor does the Municipality

warrant by this Agreement that the Developer is entitled to any other approvals required, provided, however, that the Municipality shall within its authority issues such permits, adopt such resolutions, and execute such documents that may be necessary to permit Developer to construct the Improvements called for in this Agreement, upon Developer's compliance with the requirements of this Agreement and the applicable ordinances and regulations of the Municipality. The Municipality shall cooperate with Developer in obtaining similar permits, resolutions, and documents as may be necessary from other authority having jurisdiction in the Property.

B. No Further Lot Division.

No lot shall be further divided, or lot lines adjusted by Developer without Municipality's approval.

C. No Waiver.

No waiver of any provision of this Agreement shall be deemed or constitute a waiver of any other provision, nor shall it be deemed or constitute a continuing waiver unless expressly provided for' by a written amendment to this default under this Agreement be deemed a waiver of any subsequent default or defaults of the same type. The Municipality's failure to exercise any right under this Agreement shall not constitute the approval of any wrongful act by the Developer or the acceptance of any Improvement.

D. Amendment/Modification.

This Agreement may be amended or modified only by a written amendment approved and executed by the Municipality and the Developer.

E. Default.

A default is defined herein as the Developer's breach of, or failure to comply with, the terms of this Agreement. The Municipality reserves to itself the right to draw on a letter of credit as set forth in the letter of credit or other surety provided hereunder in addition to pursuing any other available remedies. Remedies shall include, but not be limited to, prohibiting the sale of lots by the Developer, stopping all construction in the approved final plat, or not issuing building permits.

F. Entire Agreement.

This written Agreement, and written amendments, and any referenced attachments thereto, shall constitute the entire agreement between the Developer and the Municipality.

G. Time.

For the purpose of computing the commencement, abandonment and completion periods, and time periods for Municipality or Developer action, such times in which war civil disasters, acts of God, or extreme weather conditions occur or exist shall not be included if such times prevent the Developer or Municipality from performing its obligations under the Agreement.

H. Severability.

If any part, term, or provision of this Agreement is held by the courts to be illegal or otherwise unenforceable, such illegality or unenforceability shall not affect the validity of any other part term, or provision and the rights of the parties will be constructed as if the

part, term, or provision was never part of the Agreement.

I. Benefits.

The benefits of this Agreement to the Developer are personal and shall not be assigned without the express written approval of the Municipality. Such approval may not be unreasonably withheld, but any unapproved assignments void. Notwithstanding the foregoing, the burdens of this Agreement are personal obligations of the Developer and also shall be binding on the heirs, successors, and assigns of the Developer. The Municipality shall release the original Developer's letter of credit if it accepts new security from any subsequent Developer or lender who obtains the property. However, no act of the Municipality shall constitute a release of the original Developer from its liability under this Agreement.

J. Immunity.

Nothing contained in this Agreement constitutes a waiver of Municipality's sovereign immunity under applicable law.

K. Notice

Any notice required or permitted by this Agreement shall be deemed effective when personally delivered in writing or transmitted via facsimile to the fax numbers set forth below, provided that the transmitting party retains evidence of the successful facsimile transmission or three (3) days after notice is deposited with the US Postal Service, postage prepaid, certified and return receipt requested, and addressed as follows:

If to Developer:

PHANTOM LAKE PRESERVE LLC
Attn: Greg Petrauski
6090 S. Rosetree Pass
New Berlin, WI 53151
Phone: (414) 688-8911
Email: gpetrauski@hotmail.com

WITH COPIES TO:

Jeff or Tammy Tekaver
W156 S7394 Quietwood Dr.
Muskego, WI 53150
(414) 333-3904
Tammytekaver@aol.com

If to Municipality:

VILLAGE OF MUKWONAGO
Attn: Village Clerk

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

WITH COPIES TO:
Attorney Mark Blum
720 Clinton Street, P.O. Box 766
Waukesha, WI 53187-0766
Fax: (262) 549-8191

Mr. Jerad Wegner
Ruekert-Mielke
W233 N2080 Ridgeview Parkway
Waukesha, WI 53188

- L. Recordation.
The Municipality may record a copy of this Agreement or Affidavit indicating the existence of this Agreement in the Register of Deeds Office. The Developer shall pay all cost of recording.
- M. Personal Jurisdiction And Venue.
Personal jurisdiction and venue for any civil action commenced by either party to this Agreement whether arising out of or relating to the Agreement or letter of credit shall be deemed to be proper only if such action is commenced in the Circuit Court for Waukesha County. The Developer expressly waives his/her/their right to bring such action in or to remove such action to any other court whether state or federal.
- N. Impact Fees.
No water, sewer, park, or other impact fee(s) shall be due from Developer. Impact fees are due upon submittal of building permit application for each unit.
- O. Effective Date.
This Agreement shall be effective as of the date and year first written above.

[Signature Page to Follow]

MUNICIPALITY:
Village of Mukwonago

MUNICIPALITY:
Village of Mukwonago

By: _____
Fred Winchowky, President

By: _____
Diana Dykstra, Village Clerk

STATE OF WISCONSIN)
) ss.
COUNTY OF WAUKESHA)

Personally came before me, this ____ day of _____, 2019, the above-named Fred Winchowky and Diana Dykstra, to me known to be the person who executed the foregoing instrument and acknowledged the same.

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

Developer:
Phantom Lake Preserve

Developer:
Phantom Lake Preserve

By: _____

By: _____

STATE OF WISCONSIN)
) ss.
COUNTY OF _____)

Personally came before me, this ____ day of _____, 2019, the above-named _____, to me known to be the person who executed the foregoing instrument and acknowledged the same.

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

Exhibit A

Legal Description

Lot 1 of Certified Survey Map No. _____, being a part of the Southwest 1/4 and Northwest 1/4 of the Southwest 1/4 Section 27, Township 5 North, Range 18 East, Village of Mukwonago, Waukesha County, Wisconsin.

EXHIBITB

December 4, 2019

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

Re: Phantom Lakes Preserve
Letter of Credit Recommendation

Dear President Winchowky:

A construction cost estimate was submitted to our office for review, for the public improvement costs at the Phantom Lakes Preserve Development on CTH LO. The developer and their engineer solicited bids for the site work and broke down the costs for all public improvements including water main, sanitary sewer, storm water facilities, and erosion control construction. We have reviewed the costs and summarized it into their respective categories as defined in the following table:

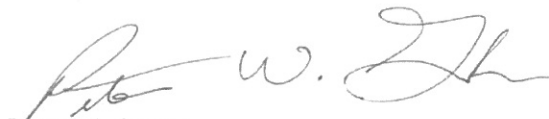
ITEM	Letter of Credit Amount
Erosion Control & Restoration	\$32,542.00
Sanitary Sewer Construction	\$88,330.00
Water Main Construction	\$167,175.00
Storm Sewer and Storm Water Facilities (Including Restoration)	\$53,935.00
Contingencies (20%)	\$68,396.40
Total Letter of Credit Amount:	\$410,378.40

We believe that the costs, as defined in the table above, adequately represent and cover the proposed public improvement work. Upon approval by the Village, a letter of credit should be established in the amount of **\$410,378.40**. Per the Storm Water Maintenance Agreement, this letter of credit should remain in place until the Village draws on it in full or until 1-year after the date of engineer certification of the pond improvements, whichever occurs first.

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

Respectfully,

RUEKERT & MIELKE, INC.



Peter W. Gesch
Project Engineer
pgesch@ruekertmielke.com



Mr. Fred Winchowky
Phantom Lakes Preserve - Letter of Credit
December 4, 2019
Page 2

PWG:pwg

cc: Diana Dykstra, Village of Mukwonago
John Weidl, Village of Mukwonago
Bob Harley, Village of Mukwonago
Mark G. Blum, Village of Mukwonago
Dave Brown, Village of Mukwonago
Ron Bittner, Village of Mukwonago
Ben Kohout, Village of Mukwonago
Mark Babich, P.E., Pinnacle Engineering
Greg Petrauski, Infinity Development
Jerad J. Wegner, P.E., Ruekert & Mielke, Inc.

LEGEND

	EXISTING	PROPOSED
SURVEYOR'S STATION	①	②
STATION NUMBER	③	④
STATION CENTER CATCH MARK (ROUND CATCHING)	⑤	⑥
STATION CENTER CATCH MARK (RECTANGULAR CATCHING)	⑦	⑧
STATION CATCH MARK (TRIANGULAR CATCHING)	⑨	⑩
STATION CATCH MARK (SQUARE CATCHING)	⑪	⑫
STATION CATCH MARK (CIRCLE CATCHING)	⑬	⑭
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PHANTOM LAKES PRESERVE

INFINITY DEVELOPMENT

GENERAL NOTES

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PROJECT LOCATION



PROJECT TEAM CONTACTS

CIVIL ENGINEER MARK BABIONE, P.E. PRINCEPALE ENGINEERING GROUP 30725 WATERLOO ROAD, SUITE 100 WATSONVILLE, CA 95076 (408) 754-0888	APPLICANT: CHLOE FRANKLIN PRINCEPALE ENGINEERING GROUP 6695 S. ROBERTSON Pkwy NEW BRUNSWICK, NJ 07111
SURVEYOR: JOHN J. FRANKLIN, P.E., L.S. PRINCEPALE ENGINEERING GROUP 30725 WATERLOO ROAD, SUITE 100 WATSONVILLE, CA 95076 (408) 754-0888	

INDEX OF SHEETS

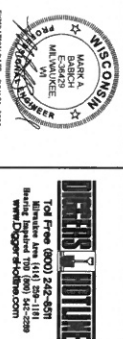
SURVEY	ALTA/NSPS/LAND TITLE SURVEY
C1.0	COVER SHEET
C2.0	GENERAL NOTES
C3.0	SITE DIMENSIONAL AND PAVING PLAN
C4.0	GRADING PLAN
C5.0	STORM SEWER PLAN
C5.1	SANITARY SEWER PLAN
C5.2	WATER MAIN PLAN
C5.3	C.I.T.H. LO WATERMAIN PLAN & PROFILE
C5.4	C.I.T.H. LO SANITARY PLAN & PROFILE
C6.0	EROSION CONTROL PLAN
C7.0	SITE STABILIZATION PLAN
C8.0 - C11.0	CONSTRUCTION DETAILS
L-1 - m - L-9	LANDSCAPE PLAN
	SITE LIGHTING

REQUIRED SUBMITTALS FOR APPROVAL

1. HOT MIX ASPHALT - MIX DESIGN
2. CONCRETE PAVEMENTS (EXTENSOR) - MIX DESIGN & JOINT PLACEMENT
3. PAVEMENT STONE BASE COURSE - GRADATION
4. PIPE BEDDING & TRENCH BACKFILL - GRADATION
5. MANHOLE BACKFILL - GRADATION
6. PAVEMENT MARKING PAINT

REQUIRED SUBMITTALS FOR RECORDS

1. WATER MAIN PIPES, VALVES, HYDRANTS & FITTINGS
2. SANITARY SEWER PIPE & FITTINGS
3. STORM SEWER PIPE, STRUCTURES, & FITTINGS
4. TRACER WIRE
5. UNDERGROUND UTILITY LOCATION RECORD DRAWINGS
6. ADA SIGN, PAINT & STENCILS
7. CHEMICAL SOIL STABILIZATION MIX DESIGN (IF APPLICABLE)



REVISIONS	
1	5
2	6
3	7
4	8

REG JOB NO. **1578-00-W1**
 REG PM **MAB**
 START DATE **12/29/19**
 SCALE **N.T.S.**

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 OF
C1.1

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SEDIMENT CONTROL NOTE:

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GENERAL NOTES

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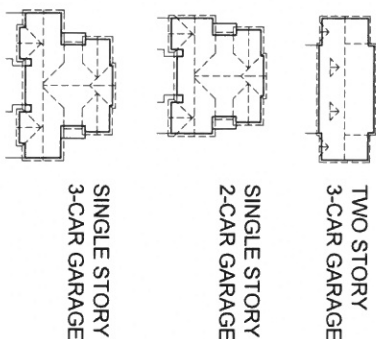
REG JOB No. 15
REG PM _____
START DATE _____
SCALE _____

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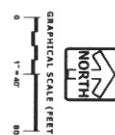
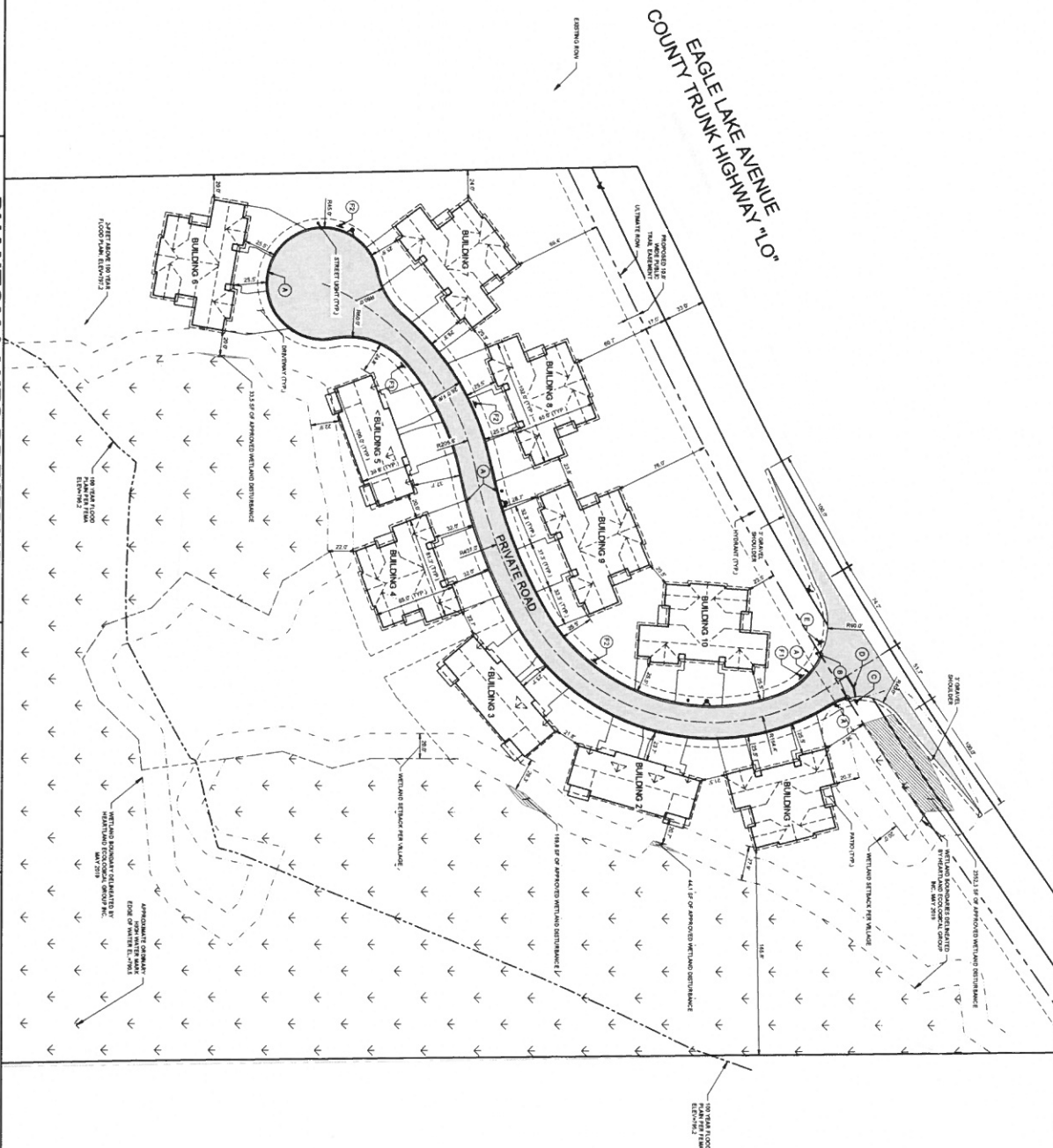
SITE DATA

SITE AREA: 913,722 S.F./20.96 AC
ZONING CLASSIFICATION: PD OVERLAY
BUILDING FOOTPRINT AREA: 43,473 S.F./1.00 AC
IMPERVIOUS SPACE: 92,774 S.F./2.13 AC/10.2%
GREEN SPACE: 820,948 S.F./18.85 AC/85.8%

ALL WORK WITHIN PUBLIC R.O.W. SHALL CONFORM TO THE VILLAGE OF MUKWONAGO & WAUKESHA COUNTY STANDARDS.



NOTE: WEILAND DISTURBANCE SHOWN HEREON APPROVED PER USACE PERMIT MUP-2019-01575-MMU AND WDNR PERMIT GP-SE-2019-68-02238.



PHANTOM LAKES PRESERVE

PLACE OF MILITONIA

SITE DIMENSIONAL AND PAYING PLAN

REVISIONS	
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PEG JOB No. **1578-00-101**
 PEG PIN **MAB**
 START DATE **12/28/19**
 SCALE **1" = 40'**

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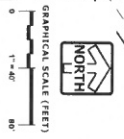
EXISTING CONDITIONS SURVEY PREPARED BY PROJECT ENGINEERING GROUP, ALTHOUGH PREPARED FOR THE PURPOSE OF PROVIDING INFORMATION TO THE OWNER IS UNRELIABLE, IT IS MADE IN WITNESS THAT EXISTING INFORMATION CONTAINED WITHIN THESE PAGES IS AS-INCLUDING OR ACCURATE. CONTRACTOR SHALL UNDERTAKE NECESSARY EFFORTS TO VERIFY THE EXISTING CONDITIONS PRIOR TO THE START OF MATERIAL PROCUREMENT AND CONSTRUCTION EFFORTS/ACTIVITIES.

PUBLIC WORKS COORDINATION

1. CONTRACTOR SHALL COORDINATE AND SCHEDULE INSPECTIONS WITH THE PUBLIC WORKS DEPARTMENT, AND THE PUBLIC WORKS DEPARTMENT SHALL ADVISE THE CONTRACTOR OF ANY SCHEDULED INSPECTIONS. INSPECTIONS SHALL BE SCHEDULED AT THE DISCRETION OF THE PUBLIC WORKS DEPARTMENT, AND THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SCHEDULING OF THE INSPECTIONS.
2. ALL PUBLIC WATER MAINS SHALL BE OPERATED AT OR UNDER THE DESIGN PRESSURE OF THE PUBLIC WORKS DEPARTMENT, AND THE CONTRACTOR SHALL COORDINATE WITH THE PUBLIC WORKS DEPARTMENT FOR THE SUPERVISION OF THE PUBLIC WORKS DEPARTMENT CONTRACTOR.
3. CONTRACTOR SHALL COORDINATE THEIR WORK AND SCHEDULE INSPECTIONS WITH THE PUBLIC WORKS DEPARTMENT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SCHEDULING OF THE INSPECTIONS. INSPECTIONS FOR THE PUBLIC WORKS DEPARTMENT SHALL BE SCHEDULED AT THE DISCRETION OF THE PUBLIC WORKS DEPARTMENT, AND THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SCHEDULING OF THE INSPECTIONS.

**PROVIDE PIPE INSULATION IN ACCORDANCE
WITH WISCONSIN ADMINISTRATIVE CODE
82.30(11)(c)3**

	SATURATED STEEL REINFORCEMENT
	STEEL STRAIN HARDENING
	STEEL STRAIN SOFTENING
	STEEL STRAIN REVERSAL
	PRECAST CONCRETE (HATCHED SECTION)
	CAST-IN-PLACE CONCRETE
	PIPE (HATCHED SECTION)
	SATURATED STEEL
	STEEL STRAIN HARDENING
	STEEL STRAIN SOFTENING
	STEEL STRAIN REVERSAL
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	STEEL STRAIN SOFTENING
	STEEL STRAIN REVERSAL
	PRECAST CONCRETE (HATCHED SECTION)
	CAST-IN-PLACE CONCRETE

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SANITARY SEWER PLAN

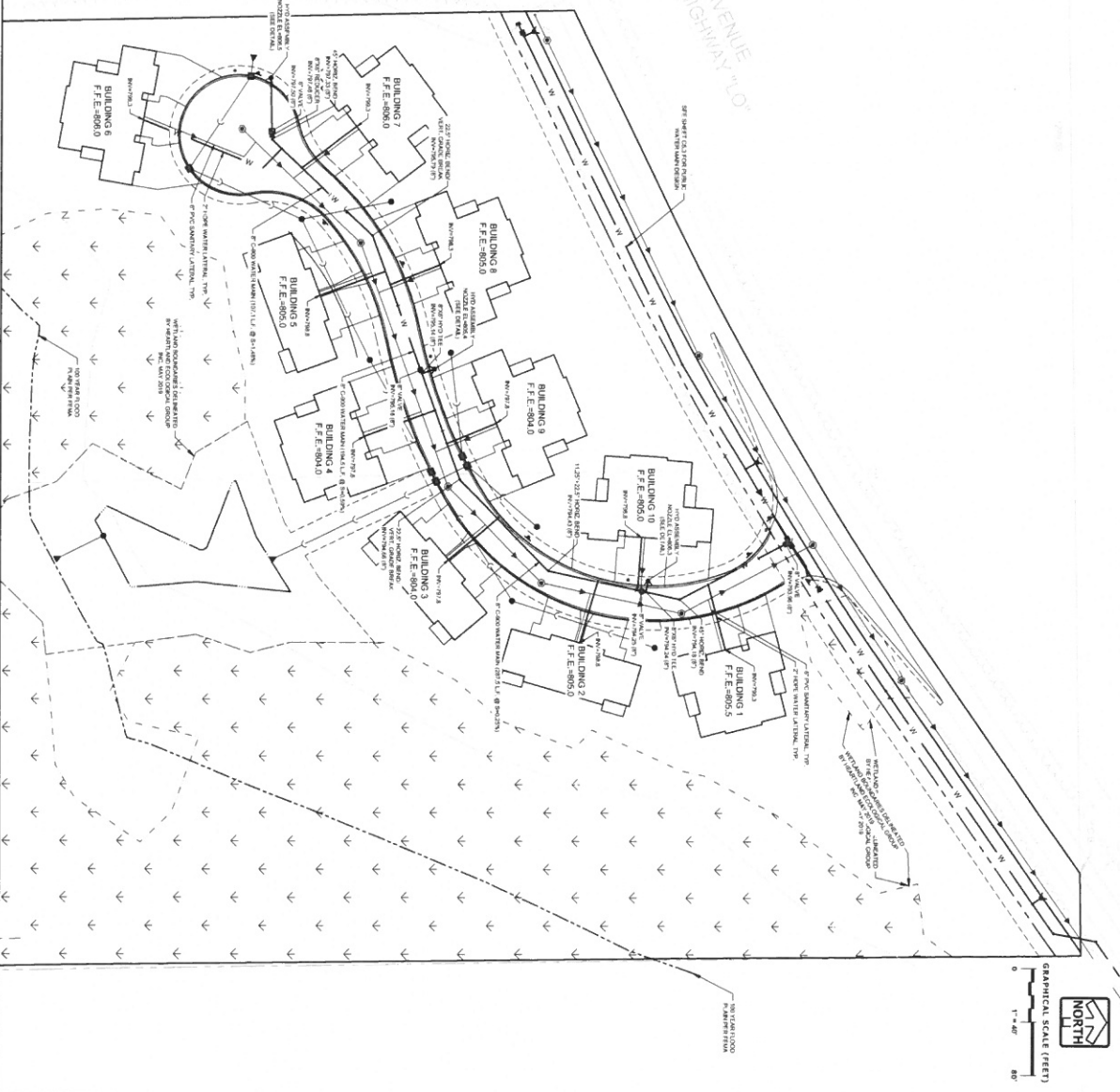
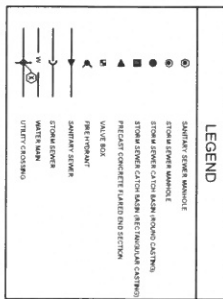
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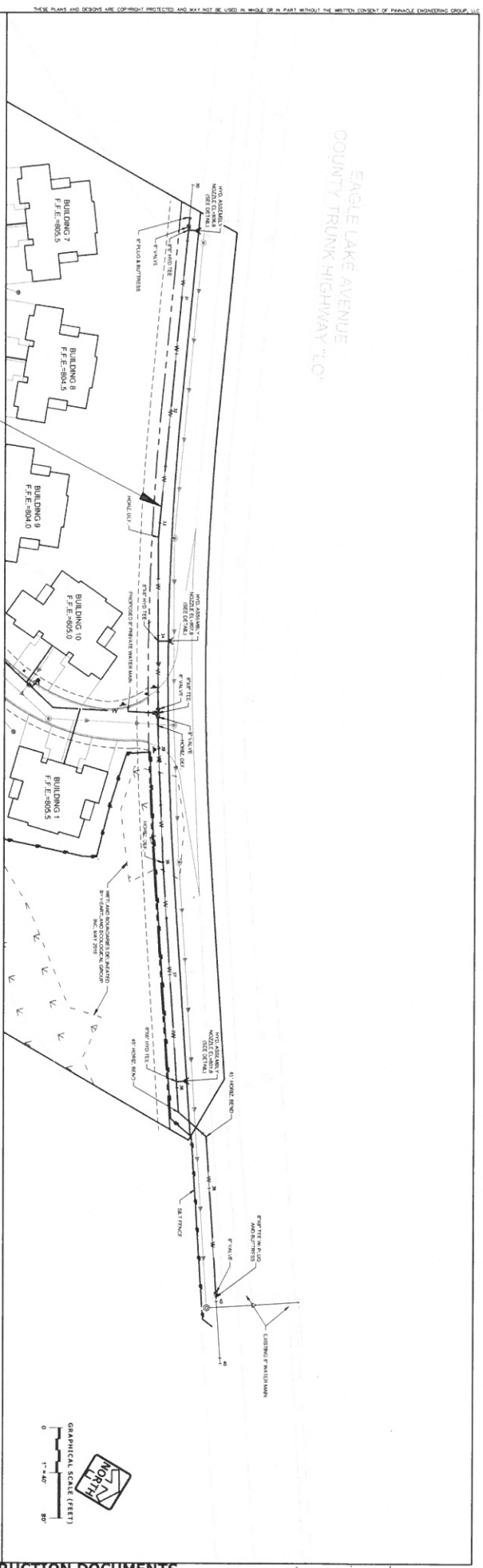
PEG JOB No. 1578-00-W7
 PEG PM MAB
 START DATE 12/20/19
 SCALE 1" = 40'
 SHEET
 C5.1
 OF
 C11.0

PUBLIC WORKS COORDINATION

1. CONTRACTOR SHALL COORDINATE AND CONDUCT INSPECTIONS WITH WATER CONNECTIONS AND UTILITY ADJUSTMENTS WITH THE PUBLIC WORKS DEPARTMENT. PUBLIC WORKS SHALL BE NOTIFIED BY THE CONTRACTOR OF ANY ADJUSTMENTS THAT WILL BE COMPLETED. PUBLIC WORKS SHALL BE KEPT ADVISED OF ANY INSPECTIONS SCHEDULED.
2. ALL PUBLIC WATER PLANTS SHALL BE OPERATED BY OR UNDER THE SUPERVISION OF THE PUBLIC WORKS DEPARTMENT. CONTRACTOR SHALL COORDINATE WITH THE PUBLIC WORKS DEPARTMENT.
3. CONTRACTOR SHALL COORDINATE WITH THEIR WORK AND CONDUCT INSPECTIONS WITH THE VALIDATED PUBLIC WORKS DEPARTMENT. ANY ADJUSTMENTS WITH THE WATER CONNECTION TO THE PUBLIC WATER MAIN SHALL BE KEPT ADVISED OF ANY ADJUSTMENTS THAT WILL BE COMPLETED. PUBLIC WORKS SHALL BE KEPT ADVISED OF ANY INSPECTIONS SCHEDULED.

THESE PLANS AND DESIGNS ARE COPYRIGHT PROTECTED AND MAY NOT BE USED IN WHOLE OR IN PART WITHOUT THE WRITTEN CONSENT OF PINNACLE ENGINEERING GROUP, LLC





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31+00	32+00	33+00	34+00	35+00	36+00
37+00	38+00	39+00	40+00		
815	810	805	795	790	785



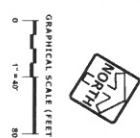
PINNACLE ENGINEERING GROUP
PLANNING & DESIGN
2023 W. HAVEN DRIVE
SUITE 100
MUKWONAGO, IL 60061
(815) 421-1111

PHANTOM LAKES PRESERVE
VILLAGE OF MUKWONAGO

PUBLIC WATER MAIN
C.T.H. LO

REV	DATE	DESCRIPTION
1	11/17/22	ISSUED FOR PERMIT
2	11/17/22	ISSUED FOR PERMIT
3	11/17/22	ISSUED FOR PERMIT
4	11/17/22	ISSUED FOR PERMIT
5	11/17/22	ISSUED FOR PERMIT

SHEET **C5.3** OF **C11.0**



LEGEND

Run up Rao

FOR THE CONSTRUCTION OF THE SECOND-ENTRANCE, A TYPE B - GLASS/STEEL RIG, MEETING THE REQUIREMENTS OUTLINED IN AMERICAN CONSULTATION PRACTICE STANDARD NO. 1001 SHALL BE PROVIDED. ONCE COMPLETED AND STABILIZED, ALL SITE DEWATERING SHALL BE DIRECTED TO THE SEWAGE TREATMENT BASIN.

FOR THE CONSTRUCTION OF THE SECOND-ENTRANCE, A TYPE B - GLASS/STEEL RIG, MEETING THE REQUIREMENTS OUTLINED IN AMERICAN CONSULTATION PRACTICE STANDARD NO. 1001 SHALL BE PROVIDED. ONCE COMPLETED AND STABILIZED, ALL SITE DEWATERING SHALL BE DIRECTED TO THE SEWAGE TREATMENT BASIN.

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VILLAGE OF MUKWONAGO

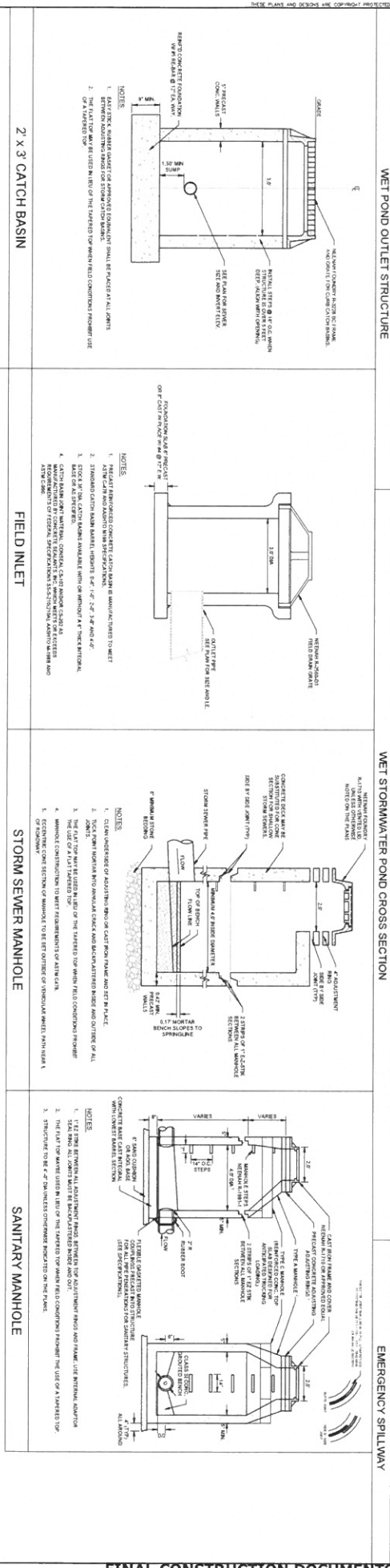
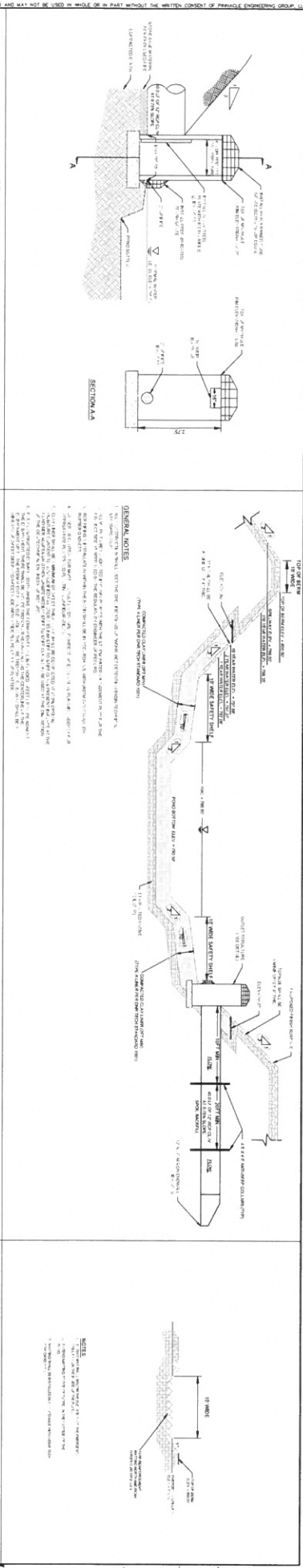
REVIEWS	
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PEG JOB NO. **1578-00-W7**
PEG PM **MAR**
START DATE **12/29/19**
SCALE **1" = 40'**

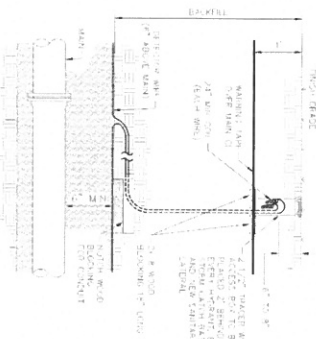
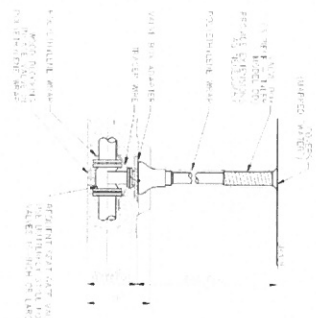
SHEET
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OF
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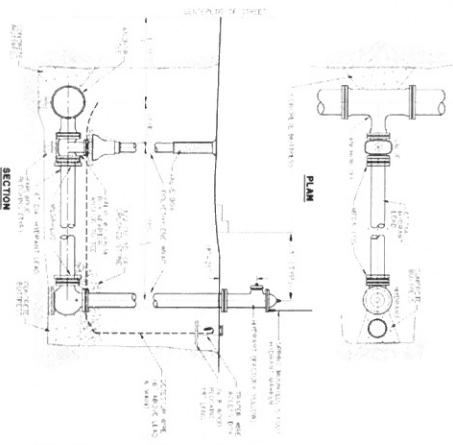


PINNACLE ENGINEERING GROUP 10000 WILLOW CREEK DRIVE, SUITE 100 WILLOW CREEK, CO 80112 (303) 401-1111 WWW.PINNACLE-ENGR.COM		PHANTOM LAKES PRESERVE VILLAGE OF MUKWONAGO		CONSTRUCTION DETAILS	
PLAN DESIGN/DELIVER PREPARED BY: [NAME] CHECKED BY: [NAME] DATE: [DATE]		REVISIONS		SHEET C10.0 OF C11.0	
1. PROJECT LOCATION: 10000 WILLOW CREEK DRIVE, SUITE 100, WILLOW CREEK, CO 80112		2. DATE: 12/28/17		3. SCALE: 1"=10'-0"	
4. PROJECT NO: 17-001		5. SHEET NO: C10.0		6. TOTAL SHEETS: 11	



STANDARD GATE VALVE BOX SETTING DETAIL

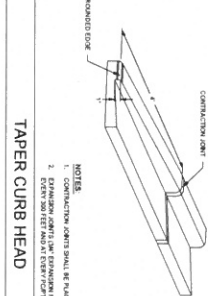
DETECTOR WIRE & LOCATION BOX (ON TERRACE)



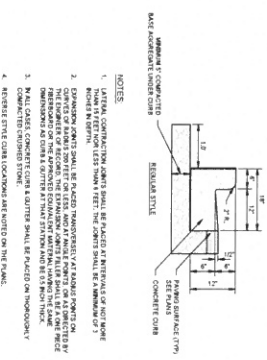
VILLAGE OF MUKWONAGO
HYDRANT SETTING DETAIL

18" VERTICAL FACE CURB

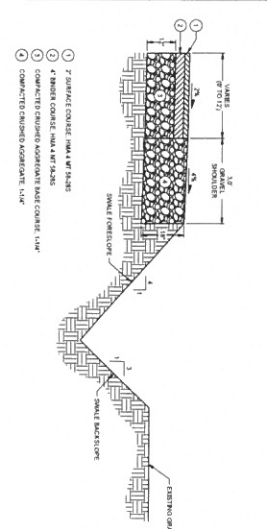
TAPER CURB HEAD



NOTE:
1. CONSTRUCTION JOINTS SHALL BE PLACED EVERY 10 FEET.
2. EXPANSION JOINTS SHALL BE PLACED EVERY 20 FEET AND AT EVERY CURB AND STREET CROWN STRUCTURES.



NOTE:
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NOTE:
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Pinnacle Engineering Group
PLAN DESIGN DELIVER
VILLAGE OF MUKWONAGO
HYDRANT SETTING DETAIL

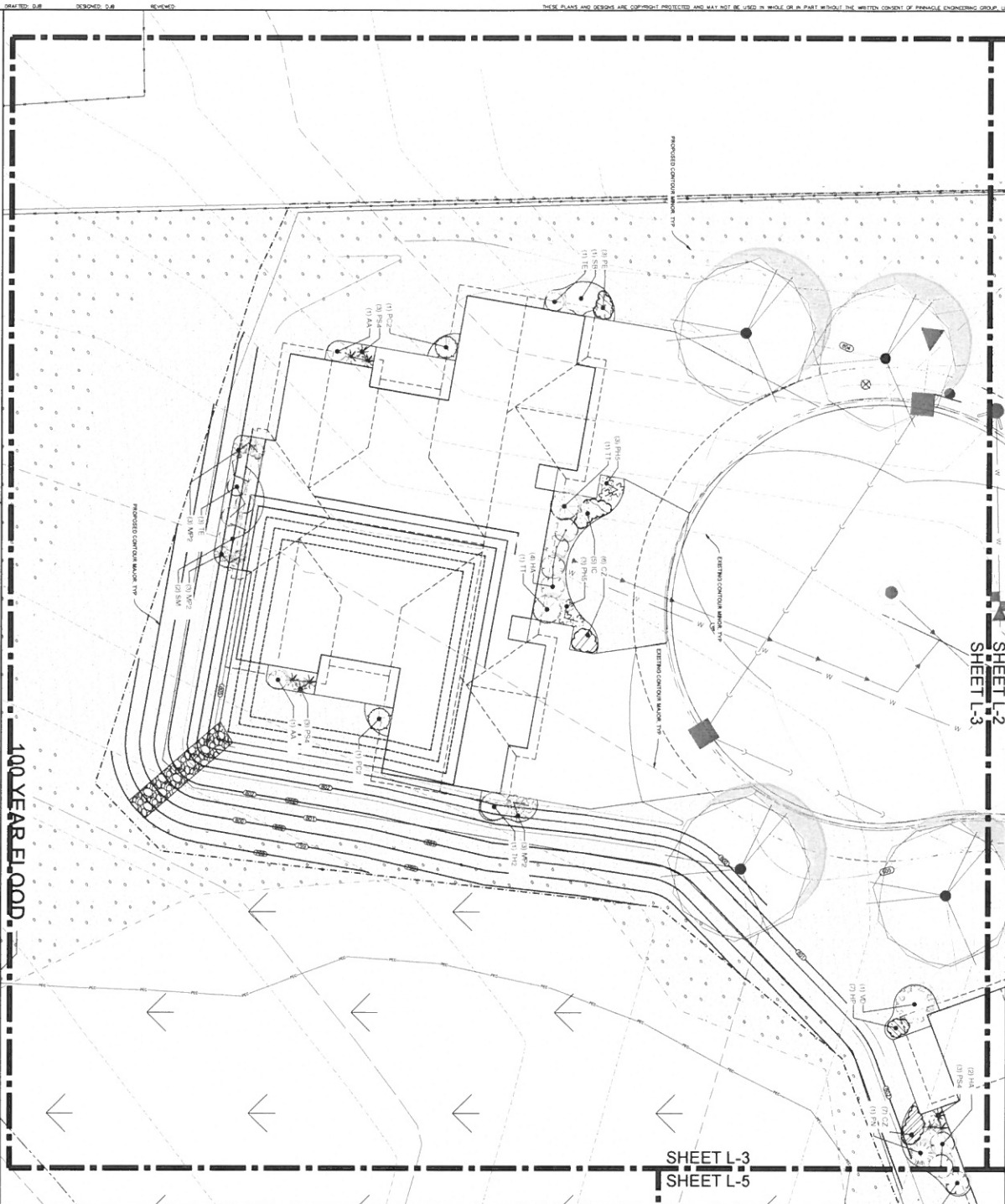
Phantom Lakes Preserve
VILLAGE OF MUKWONAGO
HYDRANT SETTING DETAIL

Construction Details

Revisions

NO.	DATE	DESCRIPTION
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PROJECT NO. 1278-00-01
SHEET C11.0 OF C11.0
SCALE N.T.S.
START DATE 12/28/19
END DATE 12/28/19
DRAWN BY N.T.S.
CHECKED BY N.T.S.
APPROVED BY N.T.S.



SHRUB & PERENNIAL PLANTING KEY

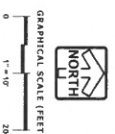
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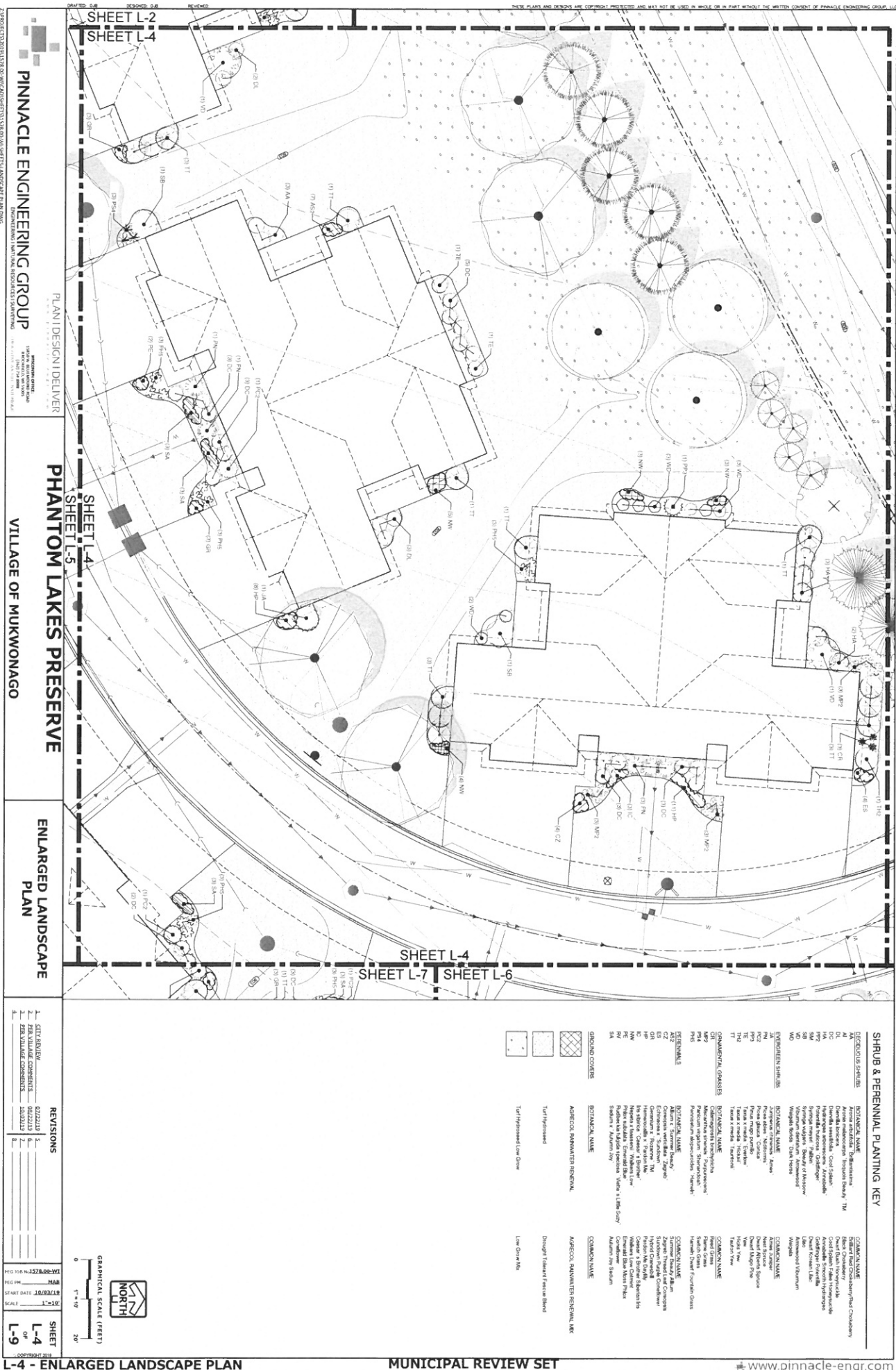
COATING COMPOSITION	COATING NAME	COATING NAME
	ADP/CO ₂ NANOWATER MEMBRANE	ADP/CO ₂ NANOWATER MEMBRANE, MX
	Tef [®] Hyphospeed	Dryweight Tef [®] air Tef [®] air filter
	Tef [®] Hyphospeed Low Draw	Low Draw MX

REVISIONS

07/22/19 _____ 5 _____
08/22/19 _____ 6 _____
10/03/19 _____ 7 _____
_____ 8 _____

PEG JOB # **1578-05**
PEG PM _____
START DATE **10/03**
SCALE **1"**







GENERAL PLANTING NOTES

1. THE LAYOUT OF ALL PLANTING BEDS AND INDIVIDUAL TREES AND SHRUBS SHALL BE STAGED BY THE CONTRACTOR IN ADVANCE OF INSTALLATION. FLAGGING STAKES OR PLANTS MAY BE USED TO DELINEATE LOCATIONS AS SCALED FROM THE PLAN. AN APPROVED REPRESENTATIVE WILL REVIEW THESE LOCATIONS WITH THE CONTRACTOR. THE CONTRACTOR IS RESPONSIBLE FOR THE PROPER PLACEMENT OF TREES AND SHRUBS. THE CONTRACTOR SHALL ALSO PROVIDE PREPARATION OF THE BEDS AND THE DISPOSITION OF THE REMAINING SOIL. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPER PLACEMENT OF TREES AND SHRUBS. THE CONTRACTOR SHALL ALSO PROVIDE PREPARATION OF THE BEDS AND THE DISPOSITION OF THE REMAINING SOIL.
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3. NO PLANT MATERIAL OR PLANT SIZE SUBSTITUTIONS WILL BE ACCEPTED UNLESS APPROVED BY THE LANDSCAPE ARCHITECT. ANY CHANGES SHALL BE SUBMITTED TO THE LANDSCAPE ARCHITECT IN WRITING PRIOR TO INSTALLATION.
4. ALL BED STOCK SHALL BE NURSERY GROWN IN A CLAY LOAM SOIL FOR A MINIMUM OF THREE GROWING SEASONS WITHIN 200 MILS OF PROJECT LOCATION. IN A ZONE COMPLYING WITH USDA HARDNESS ZONE 5A, SEED SHALL BE PROVIDED FROM A NURSERY WITHIN 200 MILS WITH A SIMILAR PLANT HARDINESS ZONE AS PROJECT LOCATION. BED STOCK SHALL BE AMENDED PER SOIL ANALYSIS REPORT TO ENSURE A PROPER GROWING MEDIUM IS ACHIEVED.
5. ALL PLANT MATERIAL SHALL BE PLANTED WITHIN 14 DAYS OF DELIVERY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPER PLACEMENT OF TREES AND SHRUBS. THE CONTRACTOR SHALL ALSO PROVIDE PREPARATION OF THE BEDS AND THE DISPOSITION OF THE REMAINING SOIL.
6. ALL PLANTING BEDS MUST BE FRESHLY DUG IN THE SPRING OF 2019.
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SOIL PLACEMENT NOTES

1. LOOSEN SUBGRADE TO A MINIMUM DEPTH INDICATED IN PLANTING NOTES USING A CULTIMATOR OR SIMILAR EQUIPMENT AND REMOVE STONES MEASURING OVER 1-1/2 INCHES IN ANY DIMENSION. STOCK RUBBER AND OTHER EXTRANEIOUS MATTER.
2. THOROUGHLY BLEND PLANTING SOIL MIX FOR PLANTING BED AREAS. (1 PART EXISTING SOIL, 1 PART TOPSOIL, 1 PART ORGANIC SOIL AMENDMENT, 3:2 POUNDS PER CUBIC YARD OF 4-4.4 ANALYSIS SLOW RELEASE FERTILIZER)
3. TREE AND SHRUB HOLES SHALL BE FILLED WITH A PREPARED PLANTING MIXTURE OF 1 PART TOPSOIL, 2 PARTS PLANTING SOIL MIX.
4. SPREAD SOIL AND SOIL AMENDMENTS TO DEPTH INDICATED ON DRAWINGS, BUT NOT LESS THAN REQUIRED TO MEET FINISH GRADES AFTER NATURAL SETTLEMENT. SURFACES, WALKS AND CURBS.
5. PLACE APPROXIMATELY 1/2 OF TOTAL AMOUNT OF SOIL REQUIRED, WORK INTO TOP OF LOOSENED SUBGRADE TO CREATE A TRANSITION LAYER. THEN PLACE REMAINDER OF THE SOIL. SOIL TRANSITION LAYER SHALL BE TILLED TO A MINIMUM DEPTH OF 6" BELOW THE DEPTH OF HEAVY PLACED SOIL. FIRMING LOT ISLANDS SHALL BE CROWNED TO A HEIGHT OF 6" TO PROVIDE PROPER DRAINAGE UNLESS OTHERWISE NOTED.
6. DO NOT SPREAD PLANTING SOIL OR SUBGRADE FROZEN, MUDGY, OR EXCESSIVELY WET.
7. FINISH GRADING, GRADE SOIL TO A SMOOTH, UNIFORM SURFACE PLANE WITH A LOOSE, UNIFORM FINE TEXTURE.
8. ROLL AND BAKE REMOVE RIDGES, AND FILL DEPRESSIONS TO MEET FINISH GRADES.
9. RESTORE PLANTING BEDS IF ERODED OR OTHERWISE DISTURBED AFTER FINISH GRADING AND BEFORE PLANTING.

NATIVE PLANTINGS AND RAIN WATER RENEWAL PLANTINGS

Specifications for Inland Broadcasting

Seeding shall be conducted by the (A) September 1 - Soil (Frost) so that seeds may be dormant during the winter, allowing for stratification, or spring (March - June 1) to allow a complete growing season to become established.

A. Preparation of Soil Prior to Seeding

1. Incorporate soil additives consisting of two inches of compost mixed into two inches of topsoil. The soil mix should be incorporated into the soil using a rotary device with capability of reaching to 12" below the surface. Compost shall meet WQAR specification 5100 - Compost.
2. All foreign materials larger than 1-inch shall be removed from the soil prior to seeding or planting.
3. Areas should be free from unwanted vegetation, ridges, and depressions.
4. Avoid driving over the specified area with machinery.

B. Cover Crop

1. Annual ryegrass shall be spread at a density of 20 pounds per acre during the planting or seeding of the native plant species to stabilize the soil and reduce the growth of unwanted vegetation. This annual grass grows rapidly without competing with the wildflowers and grasses that are planted in the target areas.
2. Where wheel or perennial ryegrass shall not be used as a cover crop. These grasses may not compete native seedlings, leading to a reduction in the success of the plantings.
3. All seedings shall be covered with 1-inch of clean, non-sterile straw (no much hay or weed stems) applied within seven days. Where any straw or hay are acceptable forms of straw. These areas of slopes steeper than 8:1 (eight feet horizontal to one foot vertical) shall be planted no later than October 1 and covered with an erosion control blanket to prevent erosion.

C. Seed Mix

Max all native seeds with vermiculite according to Agriscap recommendations.

1. Broadcast half the seed over the entire site or target area.
2. Broadcast the other half of seed perpendicular to the direction that the first half of the seed was broadcast.
3. Cover seed with 1/4-inch to 1/2-inch of soil (use any excess soil from the site) with rake or drag.
4. Roll site to ensure firm seed-to-ground contact.
5. Keep seed constantly wet through germination period. Generally 3 weeks.

All seedings shall be covered with 1-inch of clean, non-sterile straw (no much hay or weed stems) applied within seven days. Where any straw or hay are acceptable forms of straw. These areas of slopes steeper than 8:1 (eight feet horizontal to one foot vertical) shall be planted no later than October 1 and covered with an erosion control blanket to prevent erosion.

Weed Suppression Measures

- First Year - Perform spot spray with herbicide to suppress weeds. This should occur approximately every month of the growing season after infestation has been fully graded.
- Second Year - In May/June mow biomass at 4-inch height to suppress weeds. Perform spot spray with herbicide to suppress weeds. Have qualified professional assess plantings.
- Third Year - In May/June mow biomass at 4-inch height to suppress weeds. Perform spot spray with herbicide to suppress weeds.
- Fourth Year - In May perform a prescribed burn. In June have qualified professional assess plantings.



PINNACLE ENGINEERING GROUP

LANDSCAPE ARCHITECTS

10000 WILLOW CREEK DRIVE, SUITE 100
DENVER, CO 80231
(303) 755-1111

PHANTOM LAKES PRESERVE

VILLAGE OF MUKWONAGO

CITY REVIEW

02/22/23

DESIGN REVIEW

02/22/23

PERMITS REVIEW

02/22/23

FINAL REVIEW

02/22/23

REVISIONS

1.	REVISED COMMENTS	02/22/23	5.
2.	REVISED COMMENTS	02/22/23	6.
3.	REVISED COMMENTS	02/22/23	7.
4.	REVISED COMMENTS	02/22/23	8.

PROJECT NO. 22-000-001

PROJECT NAME: PHANTOM LAKES PRESERVE

START DATE: 10/03/22

SCALE: AS SHOWN

SHEET

L-9

OF

L-9

L-9 - PLANTING NOTES

MUNICIPAL REVIEW SET

www.pinnacle-engr.com

Exhibit D
Construction Schedule
Phantom Lake Preserve Condominiums

Construction Schedule:

Infrastructure

1. Start Date: 1/16/20
2. Completion Date: 4/1/20

Unit Construction

1. Phase 1 Start Date: 4/6/20 Finish Date: 10/1/20
2. Phase 2 Start Date: 10/1/20 Finish Date: 3/1/21
3. Phase 3 Start Date: 3/1/21 Finish Date: 9/1/21



CONDOMINIUM DECLARATION
FOR
PHANTOM LAKE PRESERVE CONDOMINIUMS

THIS DECLARATION is made pursuant to The Condominium Ownership Act of the State of Wisconsin, Chapter 703 of the Wisconsin Statutes (hereinafter sometimes referred to as the "Act"), by Phantom Lake Preserve, LLC, A Wisconsin Limited Liability Company (hereinafter referred to as "Declarant").

1. STATEMENT OF DECLARATION.

Declarant, as the sole Owner of the real property described in Section 3 hereof, together with the building and improvements constructed thereon (hereinafter referred to as "The Property"), hereby submits and subjects said property to the condominium form of Ownership pursuant to the Act and this Declaration, which property shall be held, conveyed, devised, leased, encumbered, used, improved, and in all respects otherwise affected subject to the provisions, conditions, covenants, restrictions, and easements of this Declaration and of the Act. All provisions hereof shall be deemed to run with the land and constitute benefits and burdens of the Declarant, its successors and assigns, and all parties hereafter having any interest in the property.

2. NAME.

The real estate subject to this Declaration and all buildings and improvements thereon shall be known as PHANTOM LAKE PRESERVE CONDOMINIUMS.

3. LEGAL DESCRIPTION.

The real estate which is hereby submitted and subjected to the provisions of the Act is legally described as set forth on Exhibit A attached hereto and incorporated herein.

4. DEFINITIONS.

For the purpose of brevity and clarity, certain words and terms used in this Declaration are defined as follows:

- (a) **“ASSOCIATION”** shall mean and refer to THE PHANTOM LAKE PRESERVE CONDOMINIUM ASSOCIATION (PLPCA). This Association shall initially be established as an unincorporated association. The Unit Owners, by unanimous consent, may convert the Association into a Wisconsin nonstock corporation, pursuant to Chapter 181, Wi, Stats., or to any other form of legal entity as may exist now or in the future which is not prohibited from functioning as a Condominium Unit Owner’s Association pursuant to Wisconsin law.
- (b) **“OWNER”** shall mean and refer to the record Owner, whether one or more persons or entities, of a fee simple title to any Unit, or the holder of an equitable interest as a Land Contract Vendee, but excluding those having such interest merely as security for the performance of an obligation.
- (c) **“UNIT”** shall mean and refer to a part of the property subject to the Declaration, consisting of one (1) or more cubicles of air at one or more levels of space or one or more rooms or enclosed spaces located in one or more floors (or parts thereof) in a building and bounded along such boundaries as shown on the recorded Condominium Plat, together with all facilities and improvements therein contained, excluding the land underneath same.
- (d) **“UNIT NUMBER”** shall mean the number identifying a Unit, as shown on the recorded Plat
- (e) **“COMMON ELEMENTS”** shall mean and refer, unless otherwise provided in this Declaration or amendments thereto, to the common areas and facilities consisting of the land and the entire premises described in Section 1 above, excepting the Units and excepting and subject to any structures built or improvements installed by or for public utilities.

- (f) **“LIMITED COMMON ELEMENTS”** shall mean those common elements identified in this Declaration or on the Condominium Plat as reserved for the exclusive use of one or more, but less than all of the Unit Owners.
- (g) **“DECLARANT”** shall mean and refer to the Declarant named herein, and their successors and assigns. The Declarant may also be referred to as a “Developer”.
- (h) **“MORTGAGE”** shall mean any recorded Mortgage or other security instrument by which a Unit is encumbered.
- (i) **“MORTGAGEE”** shall mean any person named as the Mortgagee under any Mortgage under which the interest of any Owner is encumbered, or any land contract vendor of any Unit, or any successor to the interest of such person under such Mortgage or such land contract.
- (j) **“MAJORITY”** shall mean more than fifty percent (50%).
- (k) **“PLAT”** shall mean the recorded Condominium Plat for Phantom Lake Preserve Condominiums.
- (l) **“PERSON”** shall mean an individual, corporation, limited liability company, partnership, association, trust, or other legal entity.

5. UNIT BOUNDARIES.

The vertical boundaries of each Unit shall be the vertical plane of the perimeter walls bounding a Unit, the face of which coincides with the face of studs. The lower horizontal

boundary of a Unit shall be the plane of the upper surfaces of the base floor of the lowest level of the Unit, and the upper horizontal boundary shall be the plane of the under surface of the joists supporting the ceiling of the highest levels of the Unit.

All windows, window frames, and doors (including garage doors), including all glass and all screens in all windows and doors, shall be considered a part of the Unit.

All installations for providing power, light, gas, hot and cold water, heating, refrigeration and air conditioning exclusively to one Unit shall be considered a part of that Unit.

The basement and attic for each Unit shall be considered to be a part of the Unit.

The garage for each Unit shall be considered to be part of the Unit. Garages shall not be conveyed separately from Units. All conveyances of Units shall be deemed to include the conveyance of the garage included in such Unit whether or not the garage is specifically set forth in the document of conveyance.

6. DESCRIPTION, LOCATION, AND TYPE OF BUILDINGS

The Property contains ten buildings, each building will contain 2 condominium units. The buildings, and the units therein, are located as shown on the Condominium Plat.

7. COMMON ELEMENTS AND FACILITIES.

7.1 Description. The common elements and facilities shall consist of all of PHANTOM LAKE PRESERVE CONDOMINIUM, including improvements and appurtenances, except the individual Units, as defined hereunder and shall include, without limitation, the land on which the buildings are located; the buildings' exteriors, including garage exteriors; perimeter and bearing walls; surface parking; roof; foundations, common pipes, ducts, electrical wiring and conduits; common utility services; and porches, walks, driveways, storm water quality basins, and, landscaping comprising the condominium property.

7.2 Owner' Right to Ingress and Egress and Easement of Enjoyment.

Each Owner shall have the right to ingress and egress over, upon and across the common area necessary for access to his/her Unit and a right of enjoyment in and to the common areas

(except those designated as limited common elements, the use of which are limited to one or more, but less than all, of the Unit Owners).

7.3 Easements. Each Unit Owner shall have a valid, exclusive easement in the space in the walls of his/her Unit for purposes of adding additional utility outlets, wall hangings, erection of non-bearing partition walls, and the like, where space between walls may be necessary for such uses, provided that the Unit Owner shall do nothing to impair the structural integrity or soundproofing of any of the buildings, and provided further that the common elements and facilities be restored to their former condition by the Unit Owner at his/her sole expense upon completion or termination of the use of requiring the easement. Easements are hereby granted and declared for the benefit of the Unit Owners and the Association for the installation, maintenance and repair of common utility services located in and /or on any part of the common elements or Units.

7.4 Use. The manner of use of the common elements shall be governed by the By-Laws of, and such Rules and Regulations as may be established by, the Association, and no Unit Owner shall alter, remove, repair, paint, decorate, landscape or adorn any common element, or permit such, without the prior written approval of the Association, which approval may be denied in the sole discretion of the Association or given upon such terms and conditions as the Association deems appropriate. No owner shall place or cause to be placed any objects of any kind in commons areas. No unit owner shall post any advertisements or posters of any kind in or on the common area. The association hereby grants to the Village of Mukwonago the right (but not the responsibility) to enter all common areas in order to inspect, repair, or restore, a common area including the storm water management ponds.

8. LIMITED COMMON ELEMENTS

8.1 Description. The limited common elements are those areas designated as limited common elements on the Condominium Plat, and all porches, patios, decks, and walkways which service and/or are appurtenant to one and only one of the Units, whether or not specifically designated as such on the Plat. The exclusive use of limited common elements shall be reserved to Owner or occupant of the Unit or Units to which they are appurtenant, to the exclusion of all other Units and Unit Owners in the Condominiums.

8.2 Use. The manner of use of the limited common elements shall be governed by the By-Laws, and such Rules and Regulations as may be established by the Association, and no Unit Owner shall alter, remove, repair, paint, decorate, landscape or adorn any limited common element, or permit such, in any manner contrary to such By-Laws and Rules and Regulations.

No major or structural changes or alternations shall be made by any Unit Owner to any of the limited common elements without the prior written approval of the Association.

8.3 Allocation of Use and Enjoyment of Common Elements. The Unit Owners, by unanimous consent, and with the approval of all mortgagees, may adopt an agreement, and/or any amendment or modification thereto, regarding the allocation of use and enjoyment of common elements which, in both its original and any amended form, shall be recorded with the Office of the Registered Deeds for Waukesha County, Wisconsin.

9. PERCENTAGE OF OWNERSHIP IN COMMON ELEMENTS AND FACILITIES AND LIMITED COMMON ELEMENTS.

Each Unit Owner shall own an undivided interest in the common elements and facilities and limited common elements as a tenant in common with all other Unit Owners and, except as otherwise limited in this Declaration, shall have the right to use and occupy the common elements and facilities and limited common elements for all purposes incident to the use and occupancy of his/her Unit as a place of residence, and such other incidental uses permitted by this Declaration, which rights shall be appurtenant to and run with his/her Unit.

Each Unit's fractional or percentage share of Ownership on the common elements shall be one-twentieth (1/20).

10. ASSOCIATION OF UNIT OWNERS.

10.1 Membership, Duties and Obligations. All Unit Owners shall be entitled and required to be a member of an association of Unit Owners known as Phantom Lake Preserve Condominium Association (herein "Association") which shall be responsible for carrying out the purposes of this Declaration, including the exclusive management and control of the common elements and facilities and limited common elements. Each Unit Owner and the occupants of the Units shall abide by and be subject to all of the rules, regulations, duties, and obligations of the Declaration and the By-Laws and Rules and Regulations of the Association including the sharing of common expenses as described therein.

10.2 Voting Rights. Each Unit shall be entitled to one vote at meetings of the Association. If only one of multiple Owners of a Unit is present at a meeting of the Association, the Owner present is entitled cast the vote allocated to that Unit. If more than one of the multiple Owners is present, the vote is allocated to that Unit may be cast proportionally among

the Owners, but unanimous agreement is conclusively presumed if any one of them purports to cast the vote allocated to that Unit without protest being made promptly by any of the others to the person presiding over the meeting, or until any one of the multiple Owners files a statement with the Secretary of the Association stating that thereafter the vote must be cast proportionally.

10.3 Control. Declarant retains no specific rights to control the Association Declarant has rights in the Association only as an owner of a Unit or Units.

10.4 Association Personnel. The Association may obtain and pay for the service of any person or entity to manage its affairs to the extent it deems advisable, and may hire such other personnel as it shall determine to be necessary or advisable for the proper operation of the condominium. The Association may contract for common services or utilities as may be required for each Unit.

10.5 Voting. All actions taken which require a vote of Units or Unit Owners must be approved by an affirmative vote or written consent of at least seventy-five percent (75%) of the Unit votes, or a greater percentage if required by the provisions of the Declaration, the By-Laws or the Act.

11. RESIDENTIAL PURPOSE

The buildings and Units contained therein, and the common and limited common elements, are intended for and restricted exclusively to residential use as governed by the terms and conditions contained herein and by the By-Laws and Rules and Regulations of the Association. Notwithstanding the foregoing, until such time as the Declarant has sold all of its Units in the condominium, the Declarant shall have the right to use any or all unsold Units, and any portion of the commons elements, as may be necessary to expedite the sale of Units, including but not limited to the maintaining of a sales office, the maintaining of one or more model Units, the holding of open houses and the erecting of signs. The use of Units and common and limited common elements is further subject to the following:

- (a) The Declarant may lease a Unit on such terms and conditions as it desires in its sole discretion, but after a Unit has been conveyed by Declarant to an Owner, it may not thereafter be leased except for a term of not less than three hundred sixty-five (365) days. Any person occupying a Unit with the authority of an Owner shall comply with all of the restrictions, covenants and

conditions imposed on an Owner. If a Unit is leased as aforesaid, the Owner of such Unit shall notify the Association of the tenant's or tenants' name or names and telephone number, and such Owner shall notify the Association prior thereto of his/her forwarding address and of a telephone number, and such Owner where he/she can be reached. Any such lease shall not relieve a Unit Owner from any obligation imposed by the Act, this Declaration, the By-Laws and/or Rules and Regulations adopted pursuant thereto, including but not limited to the duty to pay common expenses. The rental of Units is further subject to such additional conditions and restrictions as may be set forth in the By-Laws and/or Rules and Regulations of the Association.

- (b) A Unit shall not be rented for transient or hotel purposes, which shall be defined as: (i) any rental for periods of less than three hundred sixty (365) days; or (ii) any rental if the occupants of the Unit are provided customary hotel services, such as room service for food and beverage, maid service, bellboy service or laundry service.
- (c) The use of Units is restricted to residential use. No commercial activity is permitted in any Unit except to the extent that the commercial activity is permitted in residences by applicable zoning codes.

12. REPAIRS AND MAINTENANCE

12.1 Individual Units. Each Owner shall be responsible for maintaining his/her Unit, and all of its equipment, fixtures and appurtenances, in good order, condition and repair and in a clean, sanitary and attractive condition. Each Unit Owner shall further be responsible for periodic cleaning of the limited common elements appurtenant to his/her Unit, so as to maintain same in a clean, sanitary and attractive condition. With respect to the exterior portions of a Unit, including but not limited to exterior doors (including garage doors), windows, window frames, glass and screens, any maintenance, repair, and/or replacement of same undertaken by a Unit Owner shall be done in such a manner so as to preserve the exterior appearance thereof, including style and color, as may be determined and established from time to time by the Association. Unless and until a change in the exterior appearance is mandated by the Association, the exterior appearance shall be maintained as originally constructed. In the event a Unit Owner fails to perform his/her maintenance responsibilities pursuant to this provision, the Association shall have the right to perform same and assess the cost thereof to the Unit and the Owners thereof as a Special Assessment.

12.2 Common Elements and Facilities. Except as otherwise set forth herein, the Association shall be responsible for the maintenance, repair, replacement, management and control of the common elements and facilities limited common elements, and shall cause same

to be kept in good order and repair and in a clean, sanitary and attractive condition, and the cost thereof shall be a common expense. An Owner shall reimburse the Association for any expenditures incurred in repairing the Common Area in any manner damaged by him or her or any occupant, guest, or other invitee of his or her unit.

12.3 Unit Maintenance by Association. The Association shall have the right, but not the obligation, from time to time as determined by the Association, to undertake the right and responsibility for the maintenance, repair and/or replacement of the exterior portions of the glass and/or screens. By way of enumeration, and not by way of limitation, this may include painting, staining, varnishing, or other cosmetic covering of the exterior portions of doors and/or windows, the replacement of doors and/or windows and/or periodic cleaning of window glass. In the event the Association does assume maintenance responsibilities pursuant to this section, the expenses incurred shall be assessed as a common expense, either as part of the budget or as a Special Assessment. This provision shall not be construed so as to prohibit the Association from levying a Special Assessment against a particular Unit pursuant to Section 15.5 of this Declaration for any maintenance and/or repair of any portion of an individual Unit undertaken by the Association as a result of the failure of the Unit Owner to properly perform such Unit Owner's maintenance and repair responsibilities.

12.4 Prohibition Against Changes by Owner. A unit Owner shall not, without first obtaining the written consent of the Association, make the permit to be made any structural alterations, alterations in or to the exterior of the building in which his/her Unit is located, or to any common or limited common elements or facilities, or install or modify any improvements or equipment which may adversely affect other Unit or the Owner thereof. A Unit Owner shall not perform, or allow to be performed, any act or alternation which will impair the structural soundness or integrity of the building, the soundproofing of the building, or the safety of the Property or any occupants thereof, or impair any easement or hereditament or alter the exterior appearance of the building or any Unit therein, without the prior written consent of the Association.

12.5 Entry for Repairs. The Association may enter any Unit at reasonable times under reasonable conditions when necessary in connection with any maintenance, construction or repair of public utilities or for any other matters for which the Association is responsible. Such entry shall be made with prior notice to the Owner, except in the case of an emergency when injury or property damage is likely to result from delayed entry, and with as little inconvenience to the Owner as practical, and any damage caused thereby shall be repaired by the Association and treated as a common expense except if the maintenance, construction or repair resulted from the negligent or intentional actions of any Owner or occupant of an

individual Unit, in which case the cost thereof shall be assessed against the Unit responsible for the damage.

12.6 Decorating. Each Unit Owner shall have, subject to all applicable laws and ordinances, the exclusive right to paint, repaint, tile, panel, paper or otherwise refurbish and decorate the interior surfaces of the walls, ceilings, floors and doors forming the boundaries of his/her Unit and all walls, ceilings, floors and doors within such boundaries, and to erect partition walls of a non-structural nature within his/her Unit.

12.7 Delegation of the Maintenance of Common Elements. Notwithstanding any other provision of this Declaration, the Association, by resolution adopted by the members, is hereby expressly granted the power to delegate to Unit Owners some or all of the routine maintenance of common elements and/or limited common elements. In the event a Unit Owner fails to perform delegated maintenance responsibilities pursuant to this provision, expenses incurred by the Association for such maintenance expenses and/or for any repair and/or replacement occasioned by the failure of the Unit Owner to properly perform such maintenance shall be the responsibility of the Unit Owner, and may be subject to Special Assessment by the Association against the Unit and the Owners thereof.

13. DESTRUCTION AND RECONSTRUCTION.

13.1 Repair and Reconstruction. In the event of a partial or total destruction of one or more Units, they shall be rebuilt and repaired as soon as practicable and substantially to the same design, plan and specifications as originally built, unless all of the Owners of Units and the holders of first mortgages subject to this Declaration agree not to repair or rebuild. On reconstruction the design, plan and specifications of any building or Unit may vary from that of the original upon approval of the Association; provided, however, that the number of square feet of any Unit may not vary by more than five percent (5%) from the number of square feet of such Unit, as originally constructed, and the location of the Unit shall be substantially the same as prior to the damage or destruction, unless otherwise approved by unanimous consent of all Unit Owners and all holders of first mortgages.

13.2 Assessments and Partition. The Association shall have the right to levy assessments as a common expense in the event that the proceeds of any insurance collected are insufficient to pay the estimated or actual costs of repair or reconstruction; provided, however, that in the event of damage to an extent more than the available insurance, this Condominium shall be subject to an action for partition, upon obtaining the written consent of

the Unit Owners having no less than seventy- five percent (75%) of the votes. Partition, if any, shall be by sale, and not in kind. In the event of partition, the net proceeds of sale, together with any net proceeds of insurance shall be considered as one fund and shall be divided among all Unit Owners in proportion to their percentage interest in the common elements, and shall be distributed in accordance with the priority interests in each Unit.

14. INSURANCE

The Board of Directors of the Association shall provide and maintain fire and broad form extended coverage insurance on the buildings and any other common elements and any portion thereof in an amount not less than the full replacement value thereof from time to time. Such insurance shall be obtained in the name of the Association as Trustee for each of the Unit Owners and their respective mortgagees in the percentages established in this Declaration, as their interests may appear. Premiums shall be a common expense. To the extent possible, the insurance shall provide that the insurer waives its rights of subrogation as to any claim against Unit Owners, the Association, and their respective servants, agents, and guests, and that the insurance cannot be canceled, invalidated nor suspended on account of conduct of any one or more Unit Owners, or the Association, or their servants, agents and guests, without thirty (30) days prior written notice to the Association giving it opportunity to cure the defect within that time. The amount of protection and the types of hazards to be covered shall be reviewed by the Board of Directors at least annually, and may include, at the option of the Board of Directors, coverage on real property improvements which are considered to be parts of Units rather than common elements.

The Association insurance shall be in an amount, at least, equal to the maximum insurable replacement value, with an "agreed amount" and a condominium replacement cost" endorsement, without deduction or allowance for depreciation, which amount shall be examined periodically. Such insurance shall afford protection against loss or damage by fire and such hazards covered by a standard extended coverage endorsement and such other risks or hazards as, from time to time, shall be customarily covered with respect to buildings similar in construction, location and use.

In the event of partial or total destruction of the building or other common elements and the repair or reconstruction of the same in accordance with the Section 13 hereof, the proceeds of such insurance shall be paid to the Association as trustee to be applied to the cost thereof. If it is determined not to reconstruct or repair, then the insurance proceeds together with the net proceeds of sale of the property shall be distributed to the Unit Owners and their mortgagees, if any, as their respective interests may appear, in the manner provided by the Act.

If insurance coverage is available to combine protection for the Association and the Unit Owner's individual Unit, the Board of Directors is hereby given discretionary power to negotiate

such combination of insurance protection on an equitable cost-sharing basis under which the Unit Owner would be assessed individually for the amount of insurance which he/she directs the Board of Directors to include in such policies for his/her additional protection. Copies of all such policies shall be provided to each mortgage. Nothing contained in this paragraph shall be deemed to prohibit any Unit Owner, at his/her own expense, from obtaining any additional insurance coverage on his/her improvements or on his/her Unit, which will not duplicate any insurance provided by the Association of Unit Owner.

The Association shall also provide public liability insurance covering the common elements and facilities and the limited common elements with respect to all claims commonly insured against in such amounts as may be determined at the discretion of the Board of Directors from time to time. The Association may also provide workman's compensation insurance, directors' and officers' liability insurance and fidelity bonds on such officers and employees in such amounts and with such coverage as is determined by the Board of Directors to be necessary or advisable from time to time.

All premiums for Association insurance and other insurance obtained by the Association shall be a common expense of the condominium, except that any increase in the rating or premium charge for any such insurance caused by the character of the use of any Unit shall be an expense solely for such Unit Owner. A complete insurance appraisal of each building on the condominium shall be made at least once every three (3) years. Unless otherwise required by applicable law, the insurance appraisal may be dispensed with if the insurance policy includes guaranteed replacement cost coverage.

15. COVENANT FOR ASSESSMENTS.

15.1 Agreement to Pay Assessment. Developer, for each Unit owned by it, and each Owner of any Unit by acceptance of a Deed or other conveyance therefore, shall be deemed to covenant and agree with each other and with the Association to pay to the Association such assessments, general or special, as are levied by the Association.

15.2 Purpose of Assessments. The Association shall levy assessments for the purpose of promoting the recreation, health, safety, and welfare of the Owners and/or their Units; for the maintenance, repair and/or improvement of the Units and/or the Common Elements; to pay subdivision association assessments; and for such other purposes specified in or permitted by the Act and/or this Declaration.

15.3 Annual Assessments. The Board of Directors of the Association shall from time to time, and at least annually, prepare a budget and fix the annual assessment. In the event the

Board of Directors fails to adopt an annual assessment, the assessment shall remain in effect at the same rate as in effect for the previous year.

15.4 Special Assessments. In addition to the annual assessments authorized above, the Association may levy, at any time, a Special Assessment for the purposes of: (a) defraying, in whole or in part, the costs of any acquisition, construction, reconstruction, repair or replacement of a capital improvement and/or personal property for common use; (b) offsetting shortages resulting from non-collection of annual or special assessments or underestimation of same; and (c) unusual or unpredicted costs including but not limited to the cost of collecting annual or special assessments or enforcement of the provisions of the Declaration; (d) defraying, in whole or in part, the cost of any maintenance, repair and/or replacement of any portion of the Units, if undertaken as a common expense.

15.5 Special Assessments Against a Particular Unit. Special assessments shall further be made by the Board of Directors against a particular Unit and the Owners thereof for any of the following:

- (a) Costs and expenses (anticipated or incurred) for damage to the Common Elements caused by or at the direction of the Unit Owner, and/or by any occupant of the Unit, and/or by any guest or invitee of the Owner or occupant of the Unit.
- (b) Costs, expenses and actual attorneys' fees incurred in, or in anticipation of the any suit, action or other proceeding to enforce the Act, the Declaration, the By-Laws, or the Rules and Regulations where there is found to be a violation thereof.
- (c) Costs and expenses (anticipated or incurred) for emergency repairs to a Unit.
- (d) Liabilities, costs and expenses incurred by the Association as a result of any temporary or permanent condition or defect in the Unit or any limited common elements, the repair of which is the responsibility of the Owner of the Unit;
- (e) Interest due on Annual and Special Assessments.
- (f) Forfeitures and other penalties as provided for in the By-Laws and/or Rules and Regulations levied by the Board for violations of the Condominium Documents by a Unit Owner, and/or by any occupant of a Unit, and/or by any guest or invitee of the Owner or occupant of a Unit.
- (g) Costs and expenses incurred by the Association resulting from failure of a Unit Owner to properly perform maintenance and repair responsibilities as required by this declaration, the By-Laws, the Rules and Regulations, and/or any resolution enacted pursuant to the provisions of any of the foregoing.

(h) All other costs and expenses anticipated or incurred by the Association which are subject to special assessments as provided under this Declaration or the By-Laws.

15.6 Working Capital. Each purchaser of a Unit from the Declarant or its successors or assigns shall pay the Association, at time of conveyance of the Unit for working capital purposes, a sum equal to Two Hundred Dollars (\$200.00) or one-sixth ($1/6^{\text{th}}$) of the annual assessment, whichever is greater. As long as the Developer is in control of the Association, Developer shall not use any of said working capital funds to defray its expenses, reserve contributions, construction costs or to make up any budget deficits. The working capital contribution applies only to a sale to an initial purchaser, shall not be collected upon any subsequent transfer or sale of a Unit.

15.7 Uniform Rate of Assessment. Both annual and Special Assessments must be fixed to a uniform rate for all Units subject to assessment; provided, however, the Association shall assess an individual Unit for all sums solely from that Unit as provided in Section 15.5 above.

15.8 Date of Commencement of Assessments. The annual assessments provided for herein shall be payable in monthly installments and the monthly installments shall commence as to both Units in a building on the first day of the first month following the first conveyance of either Unit in the building by the Developer.

15.9 Lien of Assessments. All sums assessed to any Unit pursuant to this Section, together with interest thereon as provided herein, shall be secured by a lien on such Unit in favor of the Association. Such lien shall be superior to all other liens and encumbrances on such Unit except only for:

- (a) Liens of general and special taxes; and
- (b) A Lien for all sums unpaid on a first mortgage, or on any mortgage to the Developer, duly recorded in Waukesha County, Wisconsin, Real Estate Records, prior to the making of such assessment, including all unpaid obligatory advances to be made pursuant to such mortgage and all amounts advanced pursuant to such mortgage and secured by the lien thereof in accordance with the terms of such instrument; and
- (c) Mechanics liens filed prior to the making of the assessment; and
- (d) All sums unpaid on any mortgage loan made pursuant to 45.80 WISCONSIN STATUTES.

All other lienors acquiring liens on any Units after this Declaration has been recorded shall be deemed to consent that such liens shall be inferior to future liens for assessments, as provided herein, whether or of such consent be specifically set forth in the instruments creating such liens.

To evidence a lien for sums assessed pursuant to this Declaration, the Association may prepare a written notice of lien setting forth the amount of assessment, the date, due, the amount remaining unpaid, the name of the Owner of the Unit, and a description of the Unit. Such a notice shall be signed by an Officer or agent of the Association and may be filed or recorded in the office of the Clerk of the Circuit Court or Register of Deeds of Waukesha County, Wisconsin. No notice of lien shall be filed or recorded until there is a delinquency in payment of the assessment. Such lien may be enforced by judicial foreclosure by the Association in the same manner in which mortgages on real property may be foreclosed in Wisconsin, or as otherwise provided by law. The Unit Owners shall be required to pay all costs and expenses incurred by the Association, including but not limited to reasonable actual attorney's fees, except to the extent limited or prohibited by applicable law, relating to the filing of the notice of lien, the foreclosure of the lien and/or the collection of the sums referenced in the lien. All such costs and expenses shall be secured by the lien being foreclosed. The Owner shall also be required to pay to the Association any assessments against the unit which shall become due during the period of foreclosure. The Association shall have the right and power to bid at the foreclosure sale or other legal sale and/or otherwise acquire the Unit. The Association shall have the right to hold convey, lease, rent, encumber, use and otherwise deal with any Unit so acquired.

A release of notice of lien shall be executed by the Association in such form as to be recordable in the Waukesha County, Wisconsin, Real Estate Records, upon payment of all sums secured by a lien which has been made the subject of a recorded notice of lien.

Any encumbrancer holding a mortgage or other lien on a Unit may pay, but shall not be required to pay, any amounts secured by the lien created by this Section, and upon such payment such encumbrancer shall be subrogated to all rights of the Association with respect to such lien, including priority.

The Association shall, upon written request, report to any encumbrancer of a Unit any unpaid assessments remaining unpaid for longer than sixty (60) days after the same shall have become due and any default in the performance by the individual Unit Borrower of any obligation under the condominium documents which is not cured within sixty (60) days; provided, however, that such encumbrancer first shall have furnished to the Association written notice of such encumbrance.

15.10 Effect of Non-payment; Remedies. Any assessments which are not paid when due shall be delinquent. Any assessment or installment thereof not paid within ten (10) days

after the due date shall bear interest from the due date at a rate of interest which is two percent (2%) higher than the rate prescribed by the WISCONSIN STATUTES to be collected upon execution upon judgement. (In lieu of charging such interest, the Board may, from time to time, fix a reasonable late fee for each month or fraction thereof that such assessment is not paid.) All payments on account shall be first applied to the interest or late charge, if any, and then to the assessment payment first due. The Association may bring an action at law against the Owner or other person personally obligated to pay the same, or foreclose the lien against the property. No owner may waive or otherwise escape liability for the assessments provided for herein by non-use of the Common Elements or abandonment of his/her Unit. A suit to recover a money judgement for unpaid assessments hereunder may be maintainable without waiving the lien securing the same. If any installment or any assessment becomes delinquent, the privilege of paying such assessment in installments may, at the option of the Association, be terminated and, if such delinquent installment be of an annual assessment, the entire annual assessment for the remainder of the fiscal year, or if the delinquent installment be of a Special Assessment, the entire Special Assessment, may, at the option of the Association, be declared, without further notice, due and payable and, in such event, same shall be considered delinquent. The Association shall be entitled to recover from the Unit Owner all costs and expenses of collection incurred by the Association, including but not limited to reasonable actual attorney's fees, except to the extent limited or prohibited by applicable law.

15.11 Sale or conveyance. The Sale or transfer of any Unit shall not affect the assessment lien, except as otherwise required by law. No sale or transfer pursuant to foreclosure shall relieve such Unit from liability for any assessments which thereafter become due or from the lien thereof.

16. CONVEYANCE TO INCLUDE INTEREST IN COMMON ELEMENTS AND FACILITIES AND LIMITED COMMON ELEMENTS.

The percentage of the undivided interest in the common and limited common elements and facilities shall not be separated from the Unit to which it appertains. No Unit Owner shall execute a deed, mortgage, lease or other instrument affecting title to such Unit Ownership without including therein both his/her interest in the Unit and his/her corresponding percentage of Ownership in the common and limited common elements and facilities, it being the intention thereof to prevent any severance of such combined Ownership. Any such deed, mortgage, lease or other instrument purporting to affect the one without including also the other shall be deemed and taken to include the interest so omitted even though the latter is not expressly mentioned or described therein.

17. EASEMENTS, RESERVATIONS AND ENCROACHMENTS.

17.1 Utilities. Easements are hereby declared and granted for the benefit of the Unit Owners and the Association and reserved for the benefit of the Declarant for utility purposes, including the right to install, lay, maintain, repair and replace water mains, laterals and pipes, sewer lines, gas lines, telephone wires and equipment, storm water management facilities, master television antenna system wires and equipment, electrical conduits and wires and equipment, including power transformers, and such other utility service lines which may exist now or in the future, over, under, along and on any part of the common elements and/or limited common elements to service the property.

17.2 Encroachments. In the event that by reason of the construction, reconstruction, settlement, or shifting of any of the buildings or the design or construction of any Unit, any part of the common elements and facilities, or limited common elements encroaches or shall hereafter encroach upon any part of any Unit, or any part of any Unit encroaches or shall hereafter encroach upon any part of the common element and facilities, or limited common elements, or any portion of any Unit encroaches upon any part of any other Unit, valid easements for the maintenance of such encroachment are hereby established and shall exist for the benefit of such Unit so long as all or any part of the building shall remain standing, and Unit and common element boundaries shall be as provided in the Act. Provided, however, that in no event shall a valid easement for any encroachment be created in favor of the Owner of any Unit or in favor of the Owner or Owners of the common elements or facilities, or limited common elements, if such encroachment occurred due the willful and knowing conduct of said Owner or Owners.

17.3 Binding Effect. All easements and rights described in this Section are easements appurtenant, running with the land, and are subject to the reasonable control of the Association. All easements and rights described herein are granted and reserved to, shall inure to the benefit of and be binding on, the undersigned, its successors and assigns, and on all Unit Owners, purchasers and mortgagees and their heirs, personal representatives, successors and assigns. The Association or the Declarant shall have authority to execute and record all documents necessary to carry out the intent of this Section.

18. MORTGAGEE RIGHTS.

18.1 Right to Notice. The holder of any first mortgage or land contract upon a Unit in PHANTOM LAKE PRESERVE CONDOMINIUMS ("Mortgagee"), upon the submission of a request to the Association in writing delivered to the Resident agent as specified herein, shall be entitled receive notice from the Association of the following matters:

- (a) Written notice as to any default or delinquency in the performance by the individual Unit Owner who is the Mortgagee's mortgagor as to any obligation under the Condominium documents, which default or delinquency is not cured within 60 days after written notice said default or delinquency by the Association to the said mortgagor;

(b) Written notice of the call of any meeting of the membership of the Association to be held for the purpose of considering any proposed Amendment to the Declaration, the Articles of Incorporation of the Association, or by the By-Laws of the Association.

(c) Written notice of any damage or destruction to the common elements of the Condominium, including the buildings, fixtures and equipment which are a part of the common elements, which is in an aggregate amount exceeding \$10,000.00, at such time as such damage or destruction is known to the Board of Directors.

18.2 Prior Consent. Except as provided by the Act in the case of damage to or destruction of all or any part of the property, the Association shall not take any of the following actions unless it shall have obtained the prior written consent of the Mortgagees of at least 100% of the Units, or such greater percentage as may be required by law at the time the action is taken:

(a) Change the undivided percentage interest in the common elements of the Condominium appurtenant to any unit, or the manner of making assessments for common expenses based upon such percentage.

(b) Partition or subdivide any unit or common elements of the Condominium.

(c) By act or omission seek to abandon or terminate the Condominium or encumber or convey any part of the common elements of the Condominium.

19. REALLOCATION OF BOUNDARIES.

Unit Owners in Phantom Lake Preserve Condominiums may reallocate Unit boundaries between adjoining Units upon compliance with the applicable provisions of the Act.

20. COVENANT FOR MAINTENANCE AND REPAIR

Unless otherwise approved by unanimous vote of the Unit Owners, each Unit Owner covenants and agrees to vote in all Association matters so as to maintain the Property and all common elements in a first class condition at all times.

21. ARBITRATION.

If a proposed expenditure or action for the repair, maintenance or upkeep of the Property, or for the operation of the Property, is not approved by the Board of Directors, and any Unit Owner believes the expenditure or action is necessary for the safety and proper use of the Property or of the Owner's unit, or if an expenditure or action is approved by the Board of Directors and any Unit Owner believes that the expenditure or action is contrary to the safety and proper use of the Property or the Owner's Unit, or if any Unit Owner believes that an action of the Board of Directors is arbitrary or unreasonable, the following provisions shall apply:

(a) The Unit Owner or Owners challenging the decision of the Board of Directors

shall give written notice of the objection to all Unit Owners and mortgagees within forty-five (45) days after the decision but before an action is taken or expenditure is made. Upon receipt of this notice, the Board of Directors shall reconsider its decision and either affirm, reverse or modify the decision.

(b) The Unit Owner or Owners may challenge the decision after reconsideration by the board of Directors under Paragraph (a) only in an arbitration proceeding pursuant to the statutory arbitration provisions in effect in the State of Wisconsin at the time of commencement of arbitration (presently Chapter 788, Wis. Stats.). Acceptance of a conveyance of a Unit in Phantom Lake Preserve Condominiums is deemed to constitute an agreement by the Unit Owner to submit challenges to the decision of the Board of Directors to arbitration.

(c) The Board of Directors, upon submission of the matter to arbitration as provided in Paragraph (b), shall name a proposed arbitrator. The Unit Owner or Owners may accept the proposed arbitrator or propose a different arbitrator. If there is no agreement on a single arbitrator, the two arbitrators shall select a third person and the three shall serve as an arbitration panel chaired by the third person. The expenses of arbitration shall be shared equally by the Association and the Unit Owner or Owners challenging the decision of Board of Directors.

(d) The arbitration award by the arbitration panel under Paragraph (c) shall permit or prohibit the decision and the decision shall not be implemented, if it is an affirmative action, until the award is final unless there is a bona fide emergency requiring it.

22. GENERAL PROVISIONS.

22.1 Enforcement. The Association, or any Owner, shall have the right to enforce, by any proceeding at law or in equity, all restrictions, conditions, and reservations, now or hereafter imposed by the provisions of this Declaration, or by the By-Laws and/or Rules Regulations of the Association. Failure to enforce any covenant or restriction herein contained shall in no event be deemed a waiver of the right to do so thereafter.

22.2 Severability. If any provision, or any part thereof, of this Declaration or the application thereof to any person or circumstances shall, to any extent, be invalid or unenforceable, the remainder of this Declaration, or the application of such provision, or any part thereof, to persons or circumstances other than those to which it is held invalid or unenforceable, shall not be affected thereby, and each provision or any part thereof, of this Declaration shall be valid, and be enforced to the fullest extent.

22.3 Termination. This Declaration may be terminated only by the unanimous consent of all of the Owners of all Units and all of the parties holding mortgages, liens or other encumbrances against any of said Units, in which event the termination of the Declaration shall

be by such plan as may be then adopted by said Owners and parties holding any mortgages, liens, or encumbrances. The instruments necessary for such termination shall be recorded in Waukesha County, Wisconsin.

22.4 Notices. All notices and other documents required to be given by this Declaration or the By-Laws of the Association shall be sufficient if given to one (1) Owner of a Unit regardless of the number of Owners who have an interest therein. All Owners shall provide the Secretary of the Association with an address for the mailing or service of any notice or other documents and the Secretary shall be deemed to have discharged his/her duty with respect to the giving of notice by mailing it or having it delivered personally to such address as is on file with the Secretary.

22.5 Non-waiver. The failure of the Association to insist, in any one or more instances, upon the strict performance of any of the terms, covenants, conditions or restrictions of the Declaration, or to exercise any right or option herein contained, or to serve any notice or to institute any action, shall not be construed as a waiver or a relinquishment for the future of such term, covenant, condition or restriction, but such term, covenant, condition or restriction shall remain in full force and effect. The receipt by the Association of payment of any assessment from a Unit Owner, with knowledge of the breach of any covenant hereof, shall not be deemed as a waiver of such breach, and no waiver by the Association of any provision hereof shall be deemed to have been made unless expressed in writing and signed by the Association.

22.6 Amendments. No Amendment to this Declaration shall be adopted which would operate to affect the validity or priority of any mortgage or which would alter, amend, or modify, in any manner whatsoever, the rights, powers and privileges granted and reserved herein, in favor of any mortgagee or in favor of the Declarant without the consent of all such mortgagees or the Declarant, as the case may be.

22.7 Registered Agent. The initial registered agent for service process shall be Greg Petruski. The address of the initial registered agent is 6090 S Rosetree Pass, New Berlin, Wisconsin, 53151. Change of the registered agent and/or the address of the registered agent may be accomplished by resolution of the Board of Directors of the Association and upon proper filing of same as required by law.

22.8 Number and Gender. Whenever used herein, unless the context shall otherwise provide, the singular number shall include the plural, the plural shall include the singular, and the use of any gender shall include genders.

22.9 Captions. The captions and Article headings herein are intended only as matters of convenience and for reference and in no way define or limit the scope or intent of the various provisions hereof.

22.10 Unit Addresses. The street addresses of the Units in Phantom Lake Preserve Condominiums are set forth on the attached Exhibit B.

IN WITNESS WHEREOF, the said Declarant, has caused this document to be executed at Mukwonago, Wisconsin the _____ day of _____, 2019.

Phantom Lake Preserve, LLC,

Declarant

By: _____

Jeff Tekaver, Member

By: _____

Tammy Tekaver, Member

Exhibit A

Legal Description of Phantom Lake Preserve Condominiums

Lot 1 of Certified Survey Map No. _____, being a part of the Southwest $\frac{1}{4}$ and Northwest $\frac{1}{4}$ of the Southwest $\frac{1}{4}$ Section 27, Township 5 North, Range 18 East, Village of Mukwonago, Waukesha County, Wisconsin

Exhibit B
Unit Addresses

<u>Unit Number</u>	<u>Address</u>
100	100 Phantom Lake Court
105	105 Phantom Lake Court
106	106 Phantom Lake Court
111	111 Phantom Lake Court
112	112 Phantom Lake Court
117	117 Phantom Lake Court
118	118 Phantom Lake Court
123	123 Phantom Lake Court
124	124 Phantom Lake Court
129	129 Phantom Lake Court
130	130 Phantom Lake Court
135	135 Phantom Lake Court
136	136 Phantom Lake Court
141	141 Phantom Lake Court
142	142 Phantom Lake Court
147	147 Phantom Lake Court
148	148 Phantom Lake Court
154	154 Phantom Lake Court
160	160 Phantom Lake Court
166	166 Phantom Lake Court

RESOLUTION 2019-043

**CONDITIONAL USE PERMIT
TO APPROVE A SITE PLAN AND ARCHITECTURAL REVIEW AS A CONDITIONAL USE
FOR PLANNED UNIT OVERLAY DISTRICT (PUD) FOR VACANT PROPERTY ON THE
SOUTH SIDE OF CTY HWY LO TAX KEYS MUKV1979992 AND MUKV1979991
GREG PETRAUSKI, INFINITY DEVELOPMENT; APPLICANT
"Phantom Lakes Preserve"**

WHEREAS, pursuant to Section 100-53 of the Zoning Code, an application for a Conditional Use Permit has been filed to approve a site plan and architectural review as a conditional use for planned unit overlay district (PUD) for vacant property on the south side of Cty Hwy. LO TAX KEYS MUKV1979992 AND MUKV1979991 as requested by Greg Petrauski, Infinity Development; APPLICANT, and

WHEREAS, ten (10) side by side condominiums (duplexes) for twenty (20) total residential units sharing a private cul de sac drive; and

WHEREAS, applicant submitted application and plans to construct ten (10) side by side condominiums units for twenty (20) total residential units sharing a private drive; and

WHEREAS, Section 100-53 allows modifications to certain standards of the Zoning Code and other Municipal Code requirements as a Planned Unit Development Overlay approved as a Conditional Use; and

WHEREAS, Section 100-53 requires with submittal of a request for modifications as a Planned Unit Development that a General Development Plan be approved prior to submittal of final and detailed development construction plans; and

WHEREAS, the subject site has a base zoning district, after adoption of Ordinance 966, of R-5, Low Density Multi-Family Residential District; and

WHEREAS, after proper notice pursuant to the Village of Mukwonago Zoning Code, a public hearing was noticed in the official newspaper as a Class II notice, and with notice being mailed at least ten (10) days prior to the date of such public hearing to the owners of record of the properties situated within 250 feet of the boundaries of the properties affected, a public hearing was conducted by the Village Plan Commission on August 13, 2019; and

WHEREAS, the request for site plan and architectural review as a conditional use for planned unit overlay district (PUD) for vacant property on the south side of Cty Hwy. LO TAX KEYS MUKV1979992 AND MUKV1979991 as submitted has 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 Conditional Use Permit to approve a site plan and architectural review as a conditional use for planned unit overlay district (PUD) for vacant property on the south side of Cty Hwy. LO TAX KEYS MUKV1979992 AND MUKV1979991 as requested by Greg Petrauski, Infinity Development; APPLICANT, subject to the following conditions:

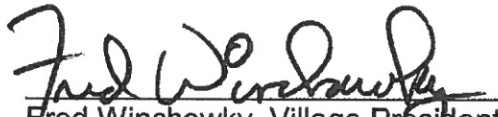
1. Site Plan and Architectural Review approval for the ten duplex development commonly referred to as "Phantom Lake Preserve" shall be subject to all plans and information submitted for the application by Infinity Development, LLC., dated August 2, 2019, with all plans and information on file in the office of the Zoning Administrator. The plans may be further modified to conform to other conditions of approval; the site and construction drawings may be modified with the approval of the Village Engineer and other Village staff, the building and floor plans may be modified with the approval of the Zoning Administrator and Supervisor of Inspections to conform to Building and Fire Safety Codes and all plans may be further modified to conform to Village design standards. However, the basic layout and design of the site shall remain unchanged.
2. PUD, Site Plan and Architectural approval are valid for a period of one (1) year from date of Village Board approval. A new application and subsequent required filings as required by ordinance shall be submitted for consideration if no building permit is applied for during said time frame.
3. Prior to the start of any site construction or issuance of a building permit, whichever occurs first, the following shall occur:
 - a. All final site development plans shall be consistent with the plans noted on Conditions No. 1 or as modified.
 - b. Approval by the Village Board of a Developer's Agreement and a Storm Water Maintenance Agreement.
 - c. Village Board acceptance of any necessary utility easements prepared by the applicant.
 - d. Final Written approval from the Waukesha County Highway Department for county highway access.
 - e. Village Staff to review and approve design of a pedestrian trail extending the width of the property frontage within right of way, to eventually connect to the East, or on the private property, with an easement granted to the Village of perpetual trail easement.
 - f. Approval of site construction and building plans by the Fire Chief, which may include, but are not limited to, Knox Box and notification requirements, internal fire suppression, external fire department connection location, hydrant locations.
 - g. Approval of building plans by the Building Inspector after receipt of approval of building plans by the State of Wisconsin.
 - h. The Village Engineer, the Utilities Director and the Public Works Director shall approve all site engineering and utility plans and documents, including a complete Erosion Control Plan.
 - i. Approval by the Police Chief of placement and type of traffic control signs and any pavement striping.
 - j. Approval of a final landscaping plan and exterior lighting cut sheets plan by the Zoning Administrator.
 - k. The holding of a pre-construction meeting between the applicant, applicant's engineer and contractors and applicable Village staff.
 - l. All require review fees and charges due to the Village of Mukwonago shall be paid.
4. Prior to temporary occupancy issuance, and if needed, prior to final occupancy permit for any of the ten buildings, the following shall occur:
 - a. Completion of all site grading and storm water management facilities in accordance with submitted plans.
 - b. Completion of the building in accordance with approved plans and all applicable codes.
 - c. Completion of paving of driveways leading from the private drive from the intersection with CTH LO to adjacent to the building.
 - d. Connection of the building to sanitary sewer and a public water supply.

5. Prior to final occupancy permit, which shall be issued no later than 120 days after any temporary occupancy permit for any of the six buildings, the following shall occur:
 - a. Completion of all items required in Condition No. 3.
 - b. Completion of final paving of the private drive and striping to be completed as indicated on the site plan.
 - c. Installation of all site landscaping as shown on approved plans.
6. The private drive shall always be properly maintained to allow clear accessibility for emergency vehicles.
7. The entire site shall always be properly maintained, kept clear of debris. All landscaping shall always be properly maintained; dead or diseased planting shall be replaced within the next appropriate planting season.
8. The applicant shall install no parking signs along one side of the private drive, unless requested by the Fire Chief and/or Police Chief.
9. Any sign for the development shall comply with requirements of Chapter 64 of Village Municipal Code (Sign Code).

Passed and dated this 18th day of September 2019.

VILLAGE OF MUKWONAGO

By:


Fred Winchowky, Village President

Attest:

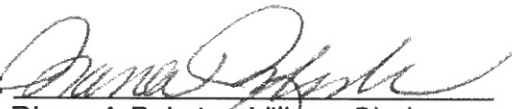

Diana A Dykstra, Village Clerk

Exhibit G

v. 12/9/19, as discovered at Mukwonago Village Hall, Zoning Office

Village of Mukwonago Liability Insurance Minimum Limits

- A. **Commercial & General Liability** – Coverage at least as broad as the insurance services offices commercial general liability form, including coverage for products liability, completed operations, contractual liability and explosion, collapse and underground coverage and shall have the following limits in coverage.
1. Each occurrence limit – One Million Dollars (\$1,000,000).
 2. Personal and advertising insurance limit – One Million Dollars (\$1,000,000).
 3. General aggregate limit per project – Two Million Dollars (\$2,000,000).
 4. Products completed operations aggregate - Two Million Dollars (\$2,000,000).
 5. Fire damage limit, any one fire – Fifty Thousand Dollars (\$50,000).
 6. Medical expense limit per person – Five Thousand Dollars (\$5,000).
 7. Products completed operations coverage must be carried for two (2) years after acceptance of the completed work.
 8. The Village of Mukwonago, as well its consultants, architects, engineers, contractors and subcontractors will be added as named insureds to the policy.
- B. **Automobile Liability** – Coverage at least as broad as the insurance services office business automobile form with limits of One Million Dollars (\$1,000,000) combined single limit per accident for bodily injury and property damage.
- C. **Workers Compensation** – As required by the State of Wisconsin, an employer's liability insurance with sufficient limits to meet underlying umbrella liability insurance requirements.

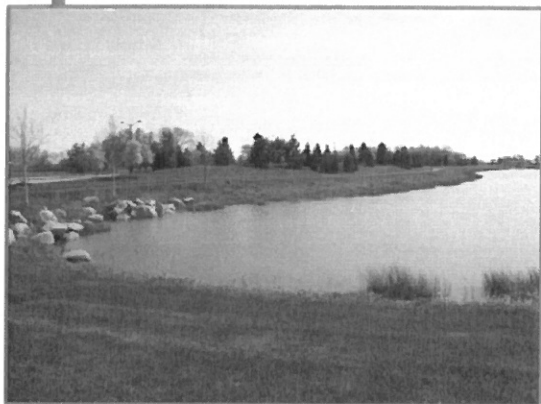
D. Umbrella Liability – Providing coverage at least as broad as the underlying commercial general liability, watercraft liability, if required, automobile liability and employer's liability with a minimum limit of Two Million Dollars (\$2,000,000) each occurrence and Two Million Dollars (\$2,000,000) in the aggregate and a maximum self insured retention of Ten Thousand Dollars (\$10,000).

E. Property Insurance Coverage

1. The property insurance amount must be at least equal to the bid amount plus or minus any change orders. It also must include the value of engineering or architect fees related to the property.
2. Covered property will include property on the project worksites, property in transit and property stored off the project work sites.
3. All coverage will be on a replacement cost basis.
4. The Village of Mukwonago, as well its consultants, architects, engineers, contractors and subcontractors will be added as named insureds to the policy.
5. Coverage must be written on a special perils or risk perils basis.
6. Coverage must include coverage for water damages including but not limited to, flood, surface water, hydrostatic pressure and earth movement.
7. Coverage must be included for testing and startup.
8. If exposure exists, coverage must include boiler and machinery coverage.
9. Coverage must include coverage for engineers and architects fees.
10. Policy must allow partial utilization by the owner.
11. Coverage must include a waiver of subrogation against any named insureds or additional insureds.
12. Contractor will be responsible for all deductibles and co-insurance penalties.

- F. Insurance Requirements for Subcontractors** – All subcontractors shall be required to obtain commercial general liability insurance, automobile liability, workers compensation and employers liability. This insurance shall be as broad and with the same limits as those required per the contractor's requirements, excluding umbrella liability contained in Section 1 above.
- G. Subcontractor's Coverage** – The following must be named as additional insureds on all liability policies for liability arising out of the project work: The Village of Mukwonago and its officers, council members, agents, employees and authorized volunteers. On the commercial general liability policy, the additional insured coverage must also include products – completed operations equivalent to ISO Form CG2037 for a minimum of two (2) years after acceptance of this work. This does not apply to workers compensation policies. Certificates of insurance acceptable to the Village of Mukwonago shall be submitted prior to commencement of the work to the applicable department. The Certificates shall contain a provision that coverage afforded under the policies will not be cancelled or non-renewed unless and until at least 30 days prior written notice has been given to the Village.

FINAL STORMWATER MANAGEMENT PLAN



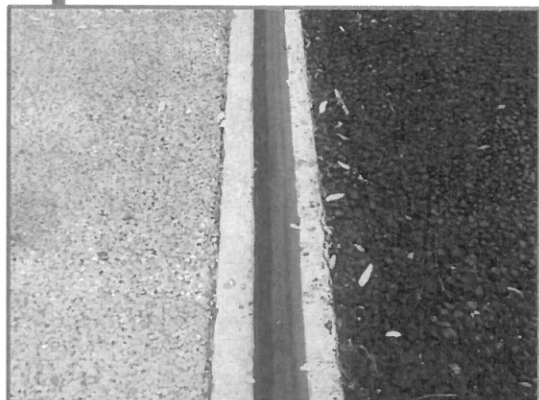
PHANTOM LAKES PRESERVE

Village of Mukwonago, Waukesha County, Wisconsin

PEG Project Number: 1578.00-WI



12/20/2019



PINNACLE ENGINEERING GROUP

15850 W. Bluemound Road | Suite 210 | Brookfield, WI 53005

www.pinnacle-engr.com

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APPENDICIES

APPENDIX 1 – MAPS

- Location Map
- FEMA FIRM Map
- USDA SCS Soils Map

APPENDIX 2 – PRE-DEVELOPMENT CONDITIONS INFORMATION

- Hydrology Exhibit – Existing Conditions
- Hydrographs

APPENDIX 3 – POST-DEVELOPMENT CONDITIONS (RATE ATTENUATION)

- Hydrology Exhibit – Proposed Conditions
- Pond Details
- Hydrographs

APPENDIX 4 – POST-DEVELOPMENT CONDITIONS (WATER QUALITY)

- WinSLAMM Modeling Input Data & Output Computations

APPENDIX 5 – GEOTECHNICAL REPORT

APPENDIX 6 – STORM SEWER CALCULATIONS

APPENDIX 7 – SEDIMENT BASIN CALCULATIONS

APPENDIX 8 – STORM WATER MAINTENANCE AGREEMENT

Questions and comments can be directed to:

Mark A. Babich, P.E.
Sr. Project Manager
Phone: 262.754.8888 | Fax: 262.754.8850
mbabich@pinnacle-engr.com



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INTRODUCTION

The proposed project is located on Eagle Lake Avenue (CTH "LO") between Brockway Drive and CTH "I" within the Village of Mukwonago, Waukesha County, WI. The site is tributary to the Mukwonago River watershed and is approximately 21 acres of vacant land. A location map that illustrates the tract of land is included in **Appendix 1**.

The proposed development includes 10 duplexes with driveways and a new private roadway connection to Eagle Lake Avenue (CTH "LO"), as well as, new public and private utilities and adequate stormwater features.

DESIGN CRITERIA

Village of Mukwonago: Chapter 34, Article II, Division 4 of the Village Ordinances

Wisconsin Department of Natural Resources: NR 216 & NR 151

Water Quantity: The calculated post-development peak storm water discharge rate shall not exceed the calculated pre-development discharge rates for the 1-year and 2-year, 24-hour design storms. The calculated post-development peak storm water discharge rates for the 10-year and 100-year, 24-hour design storms shall not exceed the calculated pre-development discharge rates for the 2-year and 10-year, 24-hour design storms, respectively.

Water Quality: The minimum Village and DNR requirements are to remove 80% of the total suspended solids (TSS) load on an average annual basis from the runoff.

Infiltration: Exempt for roadway and driveway runoff due to high groundwater. Building runoff is being treated to the maximum extent practicable. Refer to Geotechnical Report in **Appendix 5**.

Protective Areas: There is a large wetland on site. A wetland fill general permit is being coordinated with the WDNR for the portion of the wetlands affected by this project. Per informal discussion with Pete Wood at the WDNR, it is understood that providing protective areas would require additional wetland fill for impervious areas not directed to the pond. Therefore, protective areas should be provided to the maximum extent practicable. In areas where additional wetland fill would be required to provide protective areas, protective areas will not be provided.

ANALYSIS METHODS

HydroCAD® (Version 10.00) software has been used to analyze stormwater characteristics for this stormwater management plan. HydroCAD uses the accepted TR-55 methodology for determining peak discharge runoff rates. Rainfall depths for the 1, 2, 10 and 100-year storm events are 2.4, 2.7, 3.81 and 6.18 inches in accordance with Village Ordinance, Chapter 34, Article II, Division 4, Sec.34-111(a)(2).

TSS reduction characteristics for the proposed water quality facilities were determined using WinSLAMM® (Version 10.4.1) Source Loading and Management Model.

PRE-DEVELOPMENT CONDITIONS

The existing 21-acre site consists primarily of vacant land with shrubs and long grasses. The site drains to the south to the existing wetland abutting the Mukwonago River. A small portion of the CTH "LO" grassed right-of-way drains on to the property. This is included in the modeling.

A wetland fill general permit is being obtained to fill a portion of the wetland on site (2,600 sf). Soils on the site are predominantly Drummer silt loam (B/D), Fox loam (C) and Marsh, per USDA Soil Maps (See **Appendix 1**). Based on the soils map, hydrologic soil group C was used for this analysis (See **Appendix 1**).

POST-DEVELOPMENT CONDITIONS

The proposed development consists of 10 duplexes (4,826 sf per duplex) with associated driveways, landscaping and utilities. A wet pond is proposed on site. The wet pond has a normal water level surface area of 7,738 sf and an active storage volume 5 feet above the normal water level. The stormwater facility and associated outlet structure will provide 80% or greater TSS removal and comply with the Village of Mukwonago peak flow release rate requirements.

A Post-Development Hydrology Exhibit and Modeling can be found in **Appendix 3** and **Appendix 4**.

SUMMARY OF RESULTS

Existing Conditions

Existing Flows

Area	Area (ac)	CN	Tc (min)	Peak Flows 1-year (cfs)	Peak Flows 2-year (cfs)	Peak Flows 10-year (cfs)	Peak Flows 100-year (cfs)
1E	4.517	71	36.4	1.28	1.83	4.33	10.94

Proposed Conditions

Proposed Flows

Area	Area (ac)	CN	Tc (min)	Peak Flows 1-year (cfs)	Peak Flows 2-year (cfs)	Peak Flows 10-year (cfs)	Peak Flows 100-year (cfs)
A1	4.285	86	12.9	6.88	8.35	13.96	26.25
A2	0.232	89	5.0	0.58	0.69	1.09	1.95
PROP	4.516			0.64	0.76	1.65	3.99

Basin Data

Pond	Bottom Elev.	Pond NWL Elev.	Peak W.S. Elev. 1-year	Peak W.S. Elev. 2-year	Peak W.S. Elev. 10-year	Peak W.S. Elev. 100-year	Spillway Elev.	Top of Berm Elev.
2P	790.50	795.50	797.06	797.37	797.88	799.35	799.50	800.50

The modeling indicated that the wet pond will adequately store up to the 100-year event.

Runoff Water Quality

Post-development water quality will be obtained in the wet pond (Refer to **Appendix 3** for details). A minimum of 80% removal is achieved in these areas.

Water Quality Summary

Pounds of TSS Generated	Pounds of TSS Remaining	Percent Removal
1246	233.7	81.24%

The wet pond will remove in excess of the 80% minimum required by DNR Technical Standard 1004.

Per request of the Village of Mukwonago, a data table of particulate phosphorus removal is included below.

Particulate Phosphorus Removal Summary

Pounds of Phosphorus Generated	Pounds of Phosphorus Remaining	Percent Removal
3.294	0.595	81.93%

Stormwater Infiltration

Infiltration has been incorporated into this stormwater management to the maximum extent practicable for roof runoff. Roof downspouts will be directed to the swales between the buildings for infiltration. The roadway and driveway areas are exempt from infiltration due to the lack of separation between the infiltration system and groundwater elevation, in accordance with NR 151.12 (5)(c)5.e. Refer to Geotechnical Report in **Appendix 5**.

Stormwater Infiltration Summary

Runoff Without Infiltration (cu.ft.)	Runoff With Infiltration (cu.ft.)	Infiltration Volume (cu.ft.)	Infiltration Volume (%)
213,321	121,689	91,632	43.0%

Protective Areas

Protective areas are required along all wetlands in order to minimize impacts of pollutants from untreated impervious sources. On this project, a portion of the wetland is planned to be filled and permits are being obtained from the WDNR. Grading has been minimized to reduce the impact on the existing wetland. Per informal discussion with Pete Wood at the WDNR, it is understood that providing protective areas would require additional wetland fill for impervious areas not directed to the pond. Therefore, protective areas should be provided to the maximum extent practicable. In areas where additional wetland fill would be required to provide protective areas, protective areas will not be provided.

Stormwater Conveyance System

Storm sewer is sized to accommodate stormwater runoff for the 10-year design storm event intensity using rational method and manning's formulas. Where overland flow routes for the 100-year storm event are unable to be provided, storm sewer is designed to convey the 100-year storm. Final storm sewer calculations are provided in **Appendix 6**.

CONCLUSION

The stormwater management feature for the development has been designed to comply with the Village of Mukwonago Ordinance and WDNR technical standards NR216/151. All proposed runoff up to the 100-year storm event will be captured in the wet detention pond, except for a small fringe grass area that is unable to be captured and pavement within CTH "LO" right-of-way. Storm water runoff from the site will be treated to remove at least 80% total suspended solids annually via wet pond. Per informal discussion with the WDNR, protective areas will be provided to the maximum extent practicable. Maintenance is expected to occur on a regular basis. An agreement with the Village of Mukwonago will be executed to ensure this occurs.

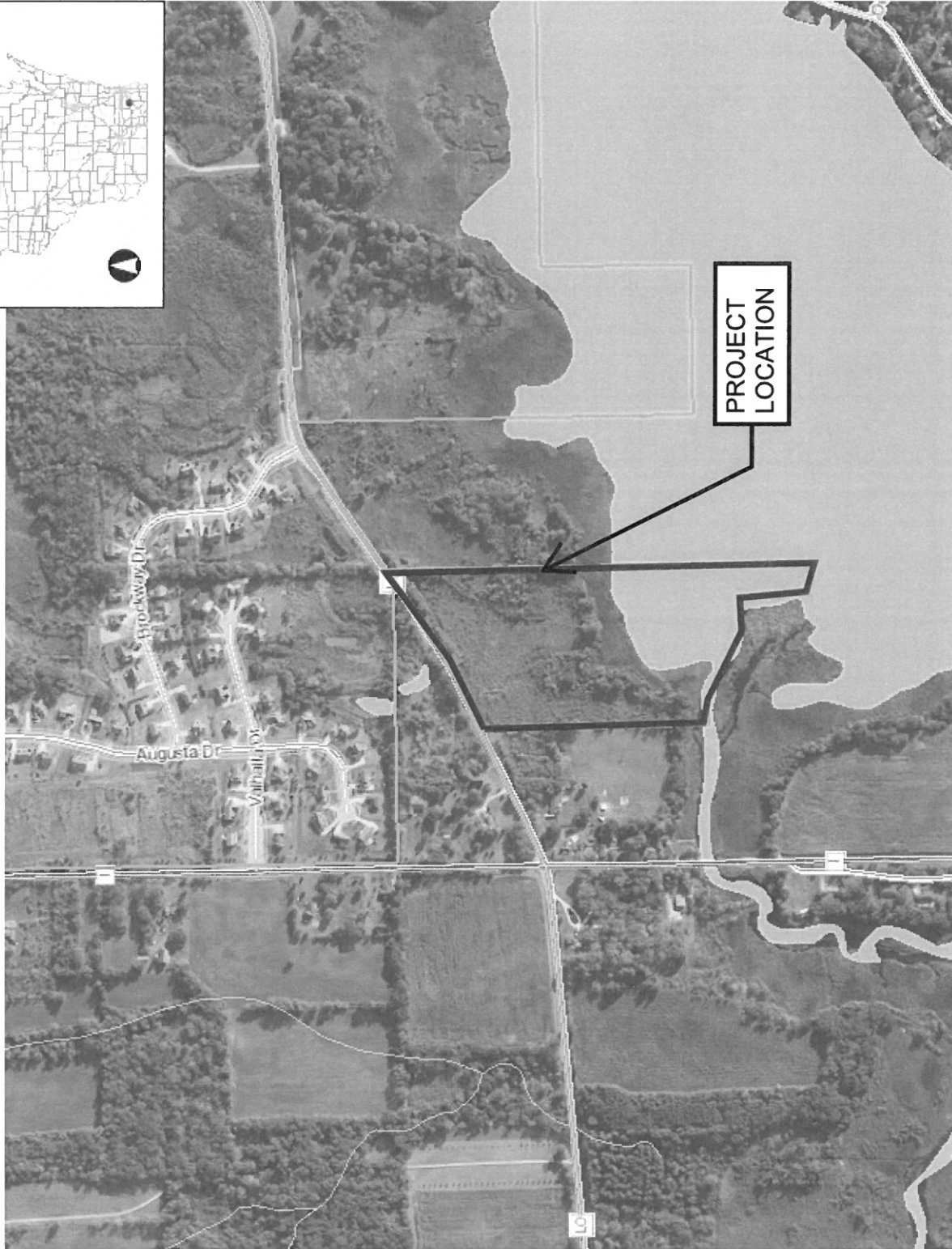
APPENDIX 1

MAPS





LOCATION MAP



Legend

- County Boundary
- Cities, Towns & Villages
 - City
 - Village
 - Civil Town
- Municipality
- State Boundaries
- County Boundaries
- Major Roads
 - Interstate Highway
 - State Highway
 - US Highway
- County and Local Roads
 - County HWY
 - Local Road
- Railroads
- Tribal Lands
- Rivers and Streams
- Intermittent Streams
- Lakes and Open water

Notes

DISCLAIMER: The information shown on these maps has been obtained from various sources, and are of varying age, reliability and resolution. These maps are not intended to be used for navigation, nor are these maps an authoritative source of information about legal land ownership or public access. No warranty, expressed or implied, is made regarding accuracy, applicability for a particular use, completeness, or legality of the information depicted on this map. For more information, see the DNR Legal Notices web page: <http://dnr.wi.gov/legal/>

0.3 Miles

0.13

0

1: 7,920

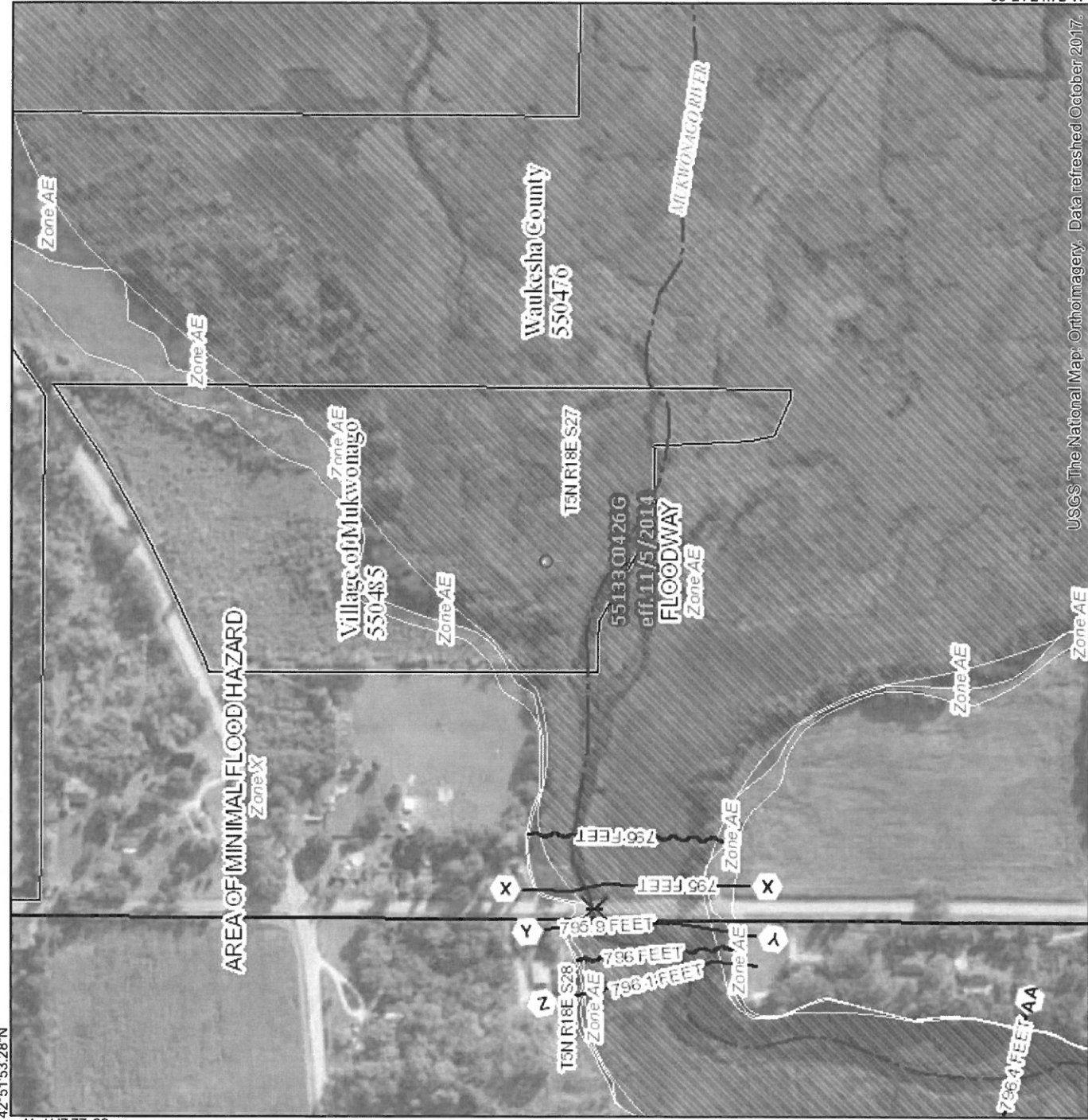
NAD_1983_HARN_Wisconsin_TM

National Flood Hazard Layer FIRMette



42°51'53.28"N

88°22'2.17"W



88°21'24.72"W



USGS The National Map: Orthoimagery. Data refreshed October 2017.

Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

SPECIAL FLOOD HAZARD AREAS	Without Base Flood Elevation (BFE) Zone A, V, A99
	With BFE or Depth Zone AE, AO, AH, VE, AR Regulatory Floodway
OTHER AREAS OF FLOOD HAZARD	0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X
	Future Conditions 1% Annual Chance Flood Hazard Zone X
	Area with Reduced Flood Risk due to Levee. See Notes. Zone X
	Area with Flood Risk due to Levee Zone D
	Area of Minimal Flood Hazard Zone X

OTHER AREAS	NO SCREEN
	Effective LOMRs
GENERAL STRUCTURES	Area of Undetermined Flood Hazard Zone D
	Channel, Culvert, or Storm Sewer Levee, Dike, or Floodwall

OTHER FEATURES	Gross Sections with 1% Annual Chance Water Surface Elevation
	Coastal Transect
OTHER FEATURES	Base Flood Elevation Line (BFE)
	Limit of Study
OTHER FEATURES	Jurisdiction Boundary
	Coastal Transect Baseline
OTHER FEATURES	Profile Baseline
	Hydrographic Feature

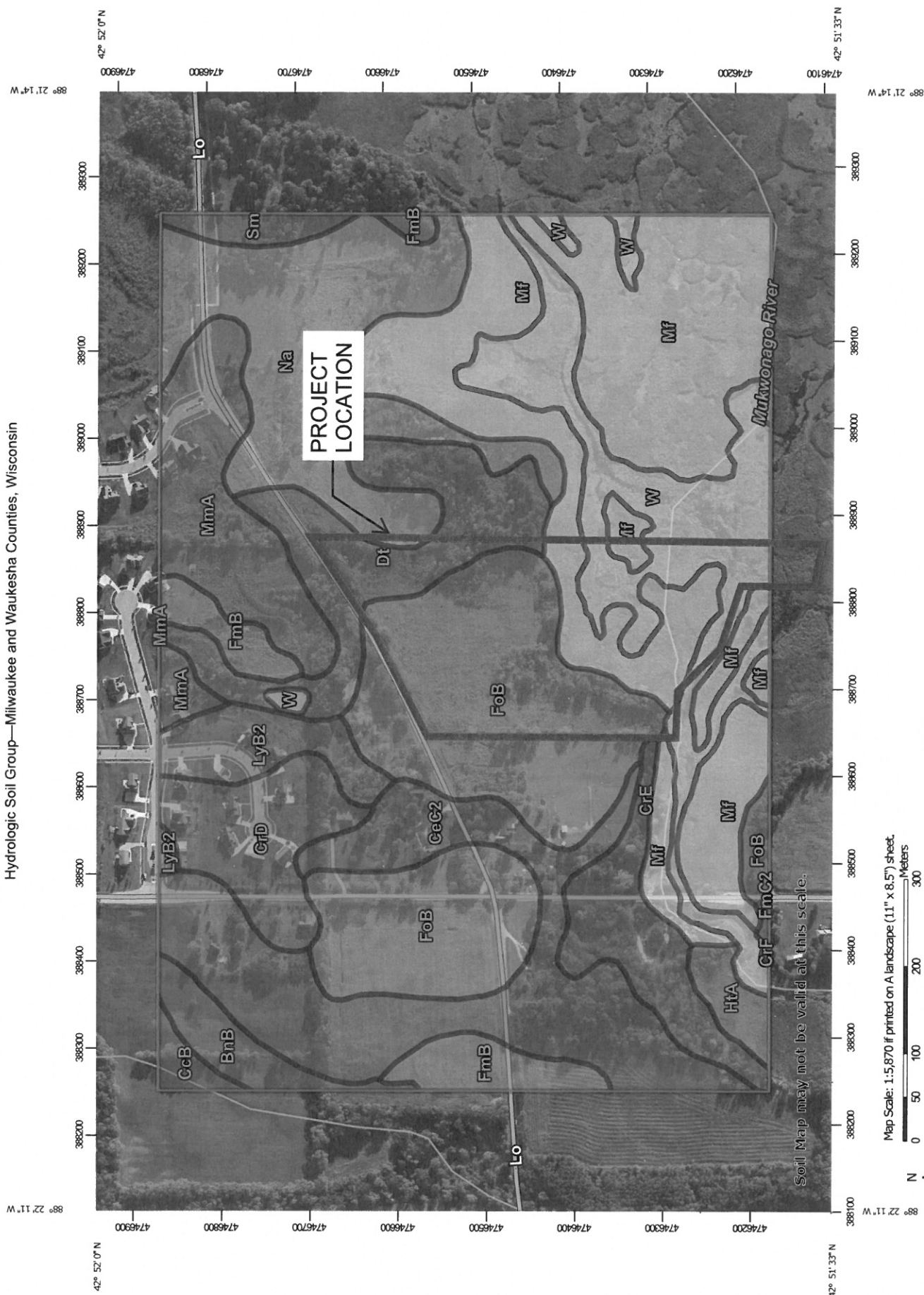
MAP PANELS	Digital Data Available
	No Digital Data Available
MAP PANELS	Unmapped

The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

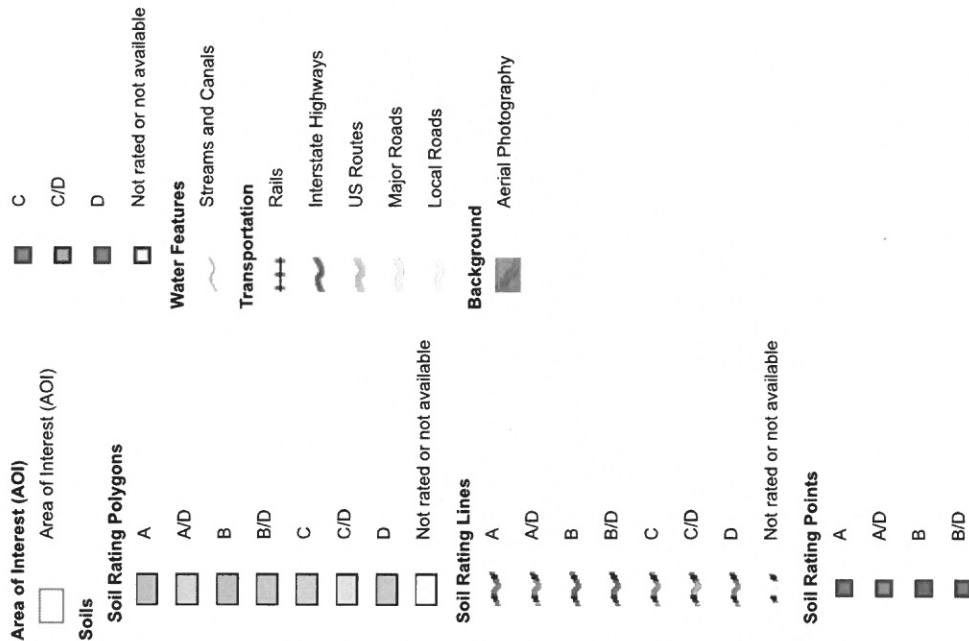
This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards.

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 6/5/2019 at 3:00:32 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.



MAP LEGEND



MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:15,800.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL:
Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Milwaukee and Waukesha Counties, Wisconsin

Survey Area Data: Version 14, Sep 12, 2018

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Apr 29, 2011—Mar 28, 2012

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Hydrologic Soil Group

Map unit symbol	Map unit name	Rating	Acres in AOI	Percent of AOI
BnB	Boyer sandy loam, 2 to 6 percent slopes	B	3.0	1.7%
CcB	Casco sandy loam, 2 to 6 percent slopes	B	1.0	0.6%
CeC2	Casco loam, 6 to 12 percent slopes, eroded	B	21.0	12.1%
CrD	Casco-Rodman complex, 12-20 percent slopes	B	7.1	4.1%
CrE	Casco-Rodman complex, 20 to 30 percent slopes	B	6.3	3.6%
CrF	Casco-Rodman complex, 30 to 45 percent slopes	B	0.0	0.0%
Dt	Drummer silt loam, gravelly substratum	B/D	11.5	6.7%
FmB	Fox sandy loam, 2 to 6 percent slopes	C	5.2	3.0%
FmC2	Fox sandy loam, 6 to 12 percent slopes, eroded	C	0.1	0.1%
FoB	Fox loam, 2 to 6 percent slopes	C	29.1	16.8%
HtA	Houghton muck, 0 to 2 percent slopes	A/D	1.7	1.0%
LyB2	Lorenzo loam, 2 to 6 percent slopes, eroded	B	4.4	2.5%
Mf	Marsh		35.3	20.4%
MmA	Matherton silt loam, 1 to 3 percent slopes	B/D	10.6	6.1%
Na	Navan silt loam	C/D	18.5	10.7%
Sm	Sebewa silt loam, 0 to 2 percent slopes	B/D	1.5	0.9%
W	Water		16.7	9.6%
Totals for Area of Interest			173.2	100.0%

Description

Hydrologic soil groups are based on estimates of runoff potential. Soils are assigned to one of four groups according to the rate of water infiltration when the soils are not protected by vegetation, are thoroughly wet, and receive precipitation from long-duration storms.

The soils in the United States are assigned to four groups (A, B, C, and D) and three dual classes (A/D, B/D, and C/D). The groups are defined as follows:

Group A. Soils having a high infiltration rate (low runoff potential) when thoroughly wet. These consist mainly of deep, well drained to excessively drained sands or gravelly sands. These soils have a high rate of water transmission.

Group B. Soils having a moderate infiltration rate when thoroughly wet. These consist chiefly of moderately deep or deep, moderately well drained or well drained soils that have moderately fine texture to moderately coarse texture. These soils have a moderate rate of water transmission.

Group C. Soils having a slow infiltration rate when thoroughly wet. These consist chiefly of soils having a layer that impedes the downward movement of water or soils of moderately fine texture or fine texture. These soils have a slow rate of water transmission.

Group D. Soils having a very slow infiltration rate (high runoff potential) when thoroughly wet. These consist chiefly of clays that have a high shrink-swell potential, soils that have a high water table, soils that have a claypan or clay layer at or near the surface, and soils that are shallow over nearly impervious material. These soils have a very slow rate of water transmission.

If a soil is assigned to a dual hydrologic group (A/D, B/D, or C/D), the first letter is for drained areas and the second is for undrained areas. Only the soils that in their natural condition are in group D are assigned to dual classes.

Rating Options

Aggregation Method: Dominant Condition

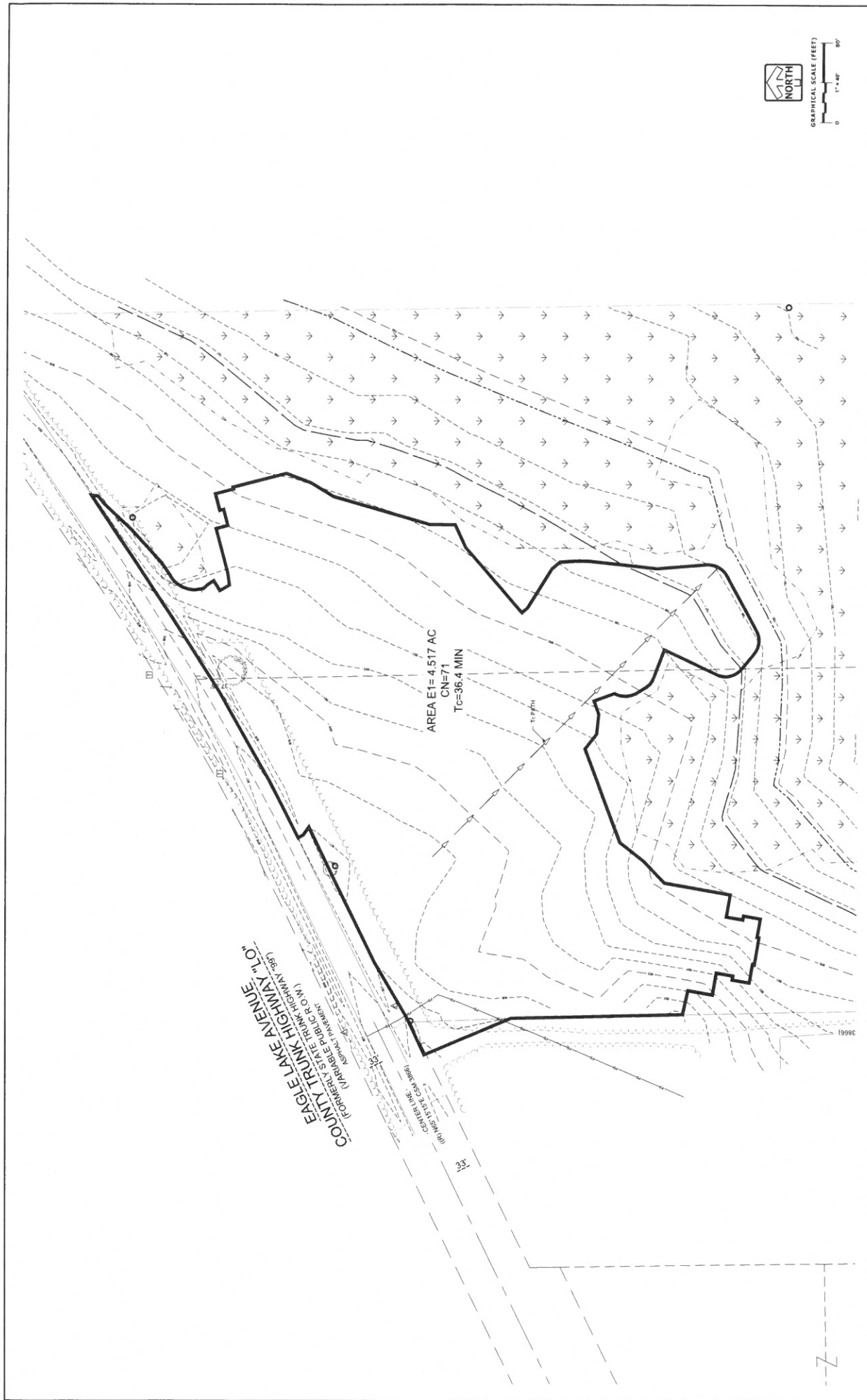
Component Percent Cutoff: None Specified

Tie-break Rule: Higher

APPENDIX 2

PRE DEVELOPMENT CONDITIONS





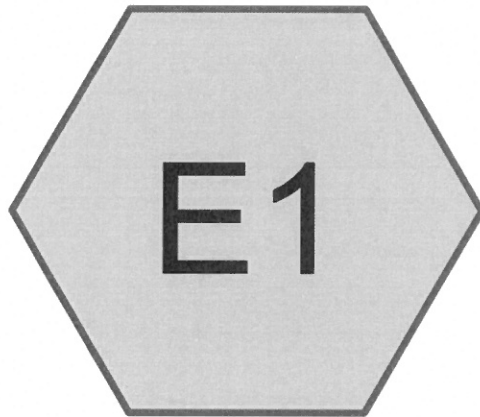
EXISTING HYDROLOGY EXHIBIT

PINNACLE ENGINEERING GROUP

15850 W. BLUEMOUND ROAD | SUITE 210 | BROOKFIELD, WI 53005 | WWW.PINNACLE-ENGR.COM |

PLAN | DESIGN | DELIVER

10/03/2019
PEJOB#1578.00



EXISTING



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1578.00 HYDROCAD CONCEPT

MSE 24-hr 3 1-Year Rainfall=2.40"

Prepared by {enter your company name here}

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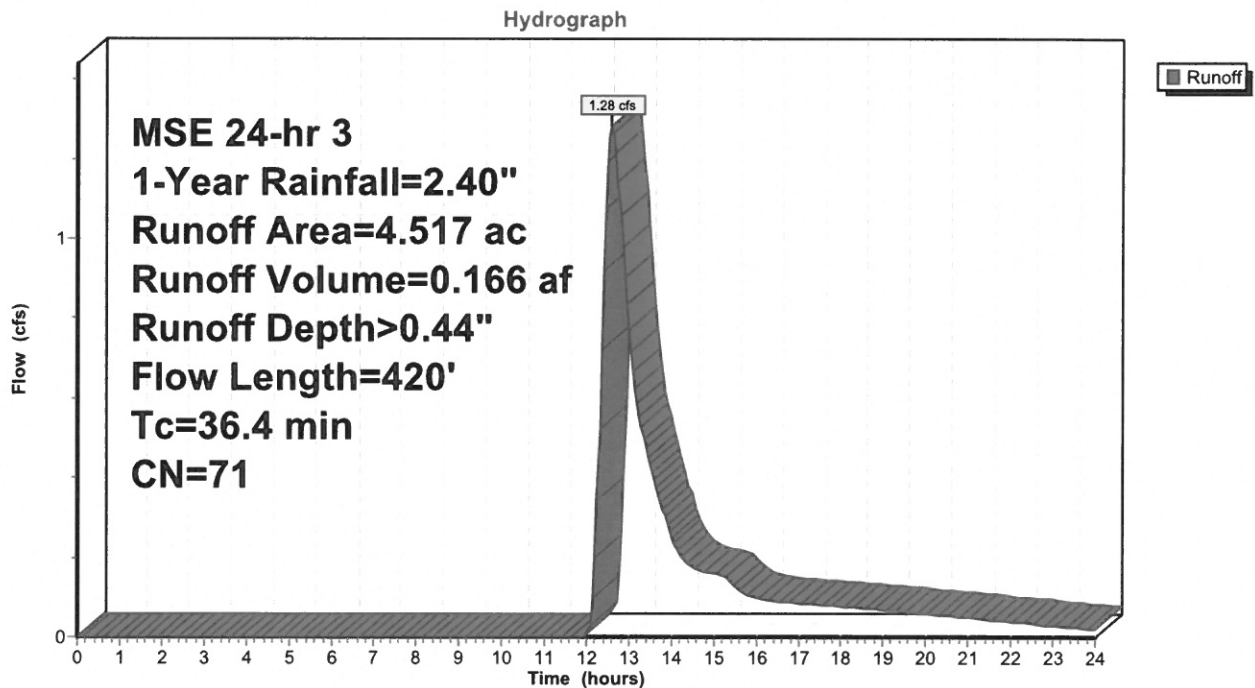
Summary for Subcatchment E1: EXISTING

Runoff = 1.28 cfs @ 12.60 hrs, Volume= 0.166 af, Depth> 0.44"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-24.00 hrs, dt= 0.05 hrs
MSE 24-hr 3 1-Year Rainfall=2.40"

Area (ac)	CN	Description
4.517	71	Meadow, non-grazed, HSG C
4.517		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
34.8	300	0.0240	0.14		Sheet Flow, Grass: Dense n= 0.240 P2= 2.70"
1.6	120	0.0315	1.24		Shallow Concentrated Flow, Short Grass Pasture Kv= 7.0 fps
36.4	420	Total			

Subcatchment E1: EXISTING

1578.00 HYDROCAD CONCEPT*MSE 24-hr 3 2-Year Rainfall=2.70"*

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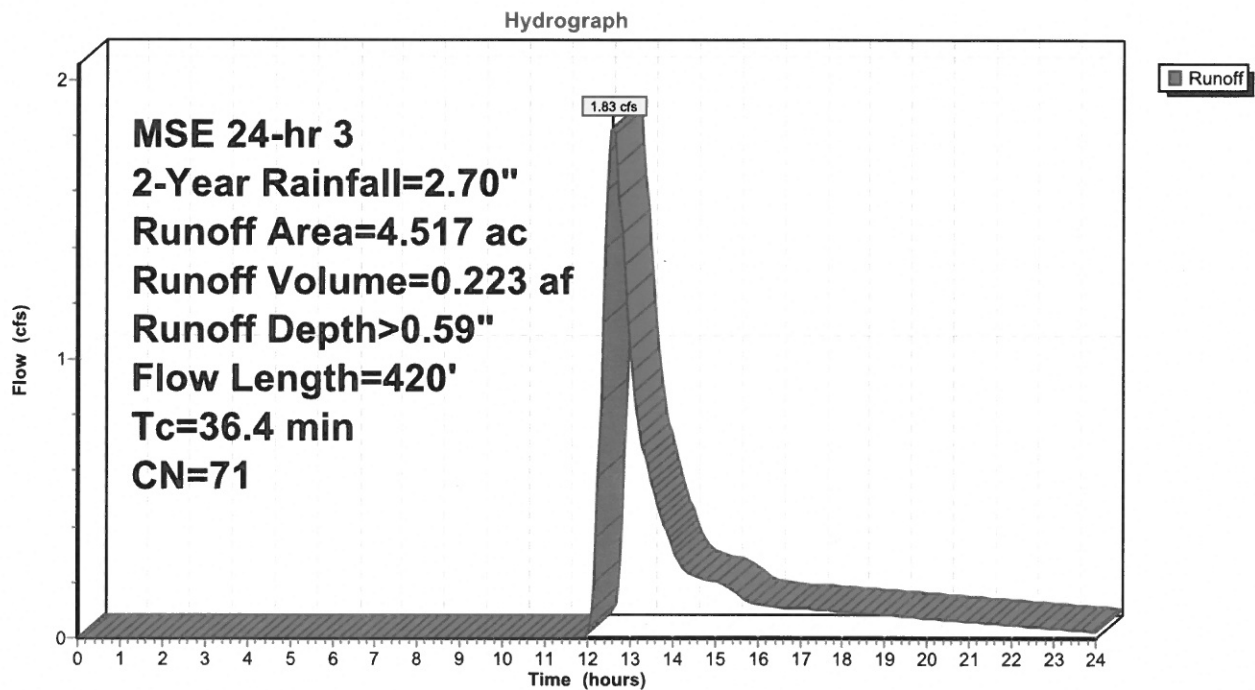
Summary for Subcatchment E1: EXISTING

Runoff = 1.83 cfs @ 12.58 hrs, Volume= 0.223 af, Depth> 0.59"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-24.00 hrs, dt= 0.05 hrs
MSE 24-hr 3 2-Year Rainfall=2.70"

Area (ac)	CN	Description
4.517	71	Meadow, non-grazed, HSG C
4.517		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
34.8	300	0.0240	0.14		Sheet Flow, Grass: Dense n= 0.240 P2= 2.70"
1.6	120	0.0315	1.24		Shallow Concentrated Flow, Short Grass Pasture Kv= 7.0 fps
36.4	420	Total			

Subcatchment E1: EXISTING

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MSE 24-hr 3 10-Year Rainfall=3.81"

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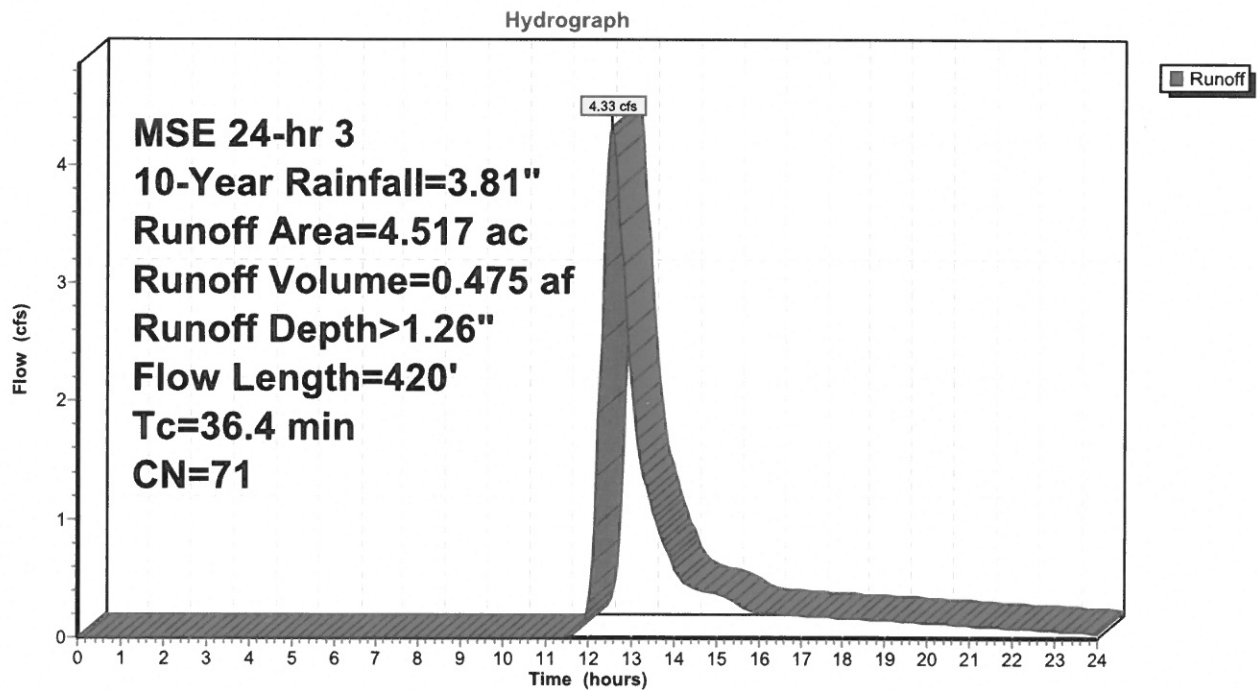
Summary for Subcatchment E1: EXISTING

Runoff = 4.33 cfs @ 12.55 hrs, Volume= 0.475 af, Depth> 1.26"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-24.00 hrs, dt= 0.05 hrs
MSE 24-hr 3 10-Year Rainfall=3.81"

Area (ac)	CN	Description
4.517	71	Meadow, non-grazed, HSG C
4.517		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
34.8	300	0.0240	0.14		Sheet Flow, Grass: Dense n= 0.240 P2= 2.70"
1.6	120	0.0315	1.24		Shallow Concentrated Flow, Short Grass Pasture Kv= 7.0 fps
36.4	420	Total			

Subcatchment E1: EXISTING

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MSE 24-hr 3 100-Year Rainfall=6.18"

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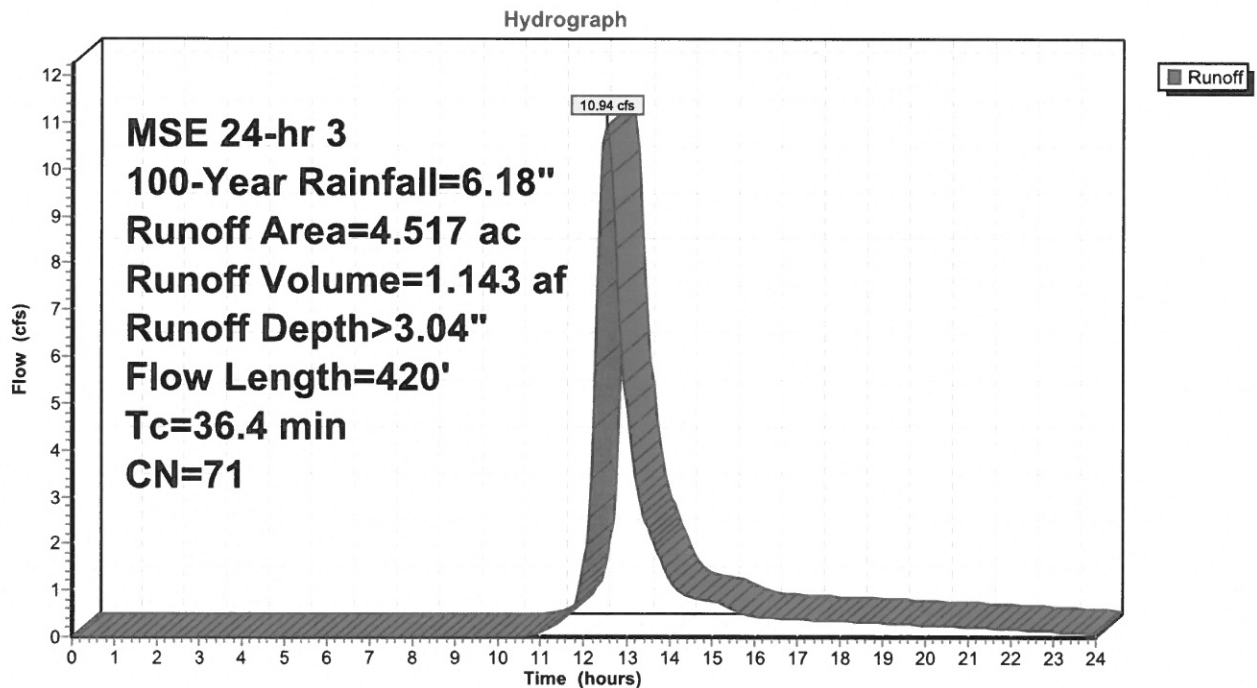
Summary for Subcatchment E1: EXISTING

Runoff = 10.94 cfs @ 12.52 hrs, Volume= 1.143 af, Depth> 3.04"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-24.00 hrs, dt= 0.05 hrs
MSE 24-hr 3 100-Year Rainfall=6.18"

Area (ac)	CN	Description
4.517	71	Meadow, non-grazed, HSG C
4.517		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
34.8	300	0.0240	0.14		Sheet Flow, Grass: Dense n= 0.240 P2= 2.70"
1.6	120	0.0315	1.24		Shallow Concentrated Flow, Short Grass Pasture Kv= 7.0 fps
36.4	420	Total			

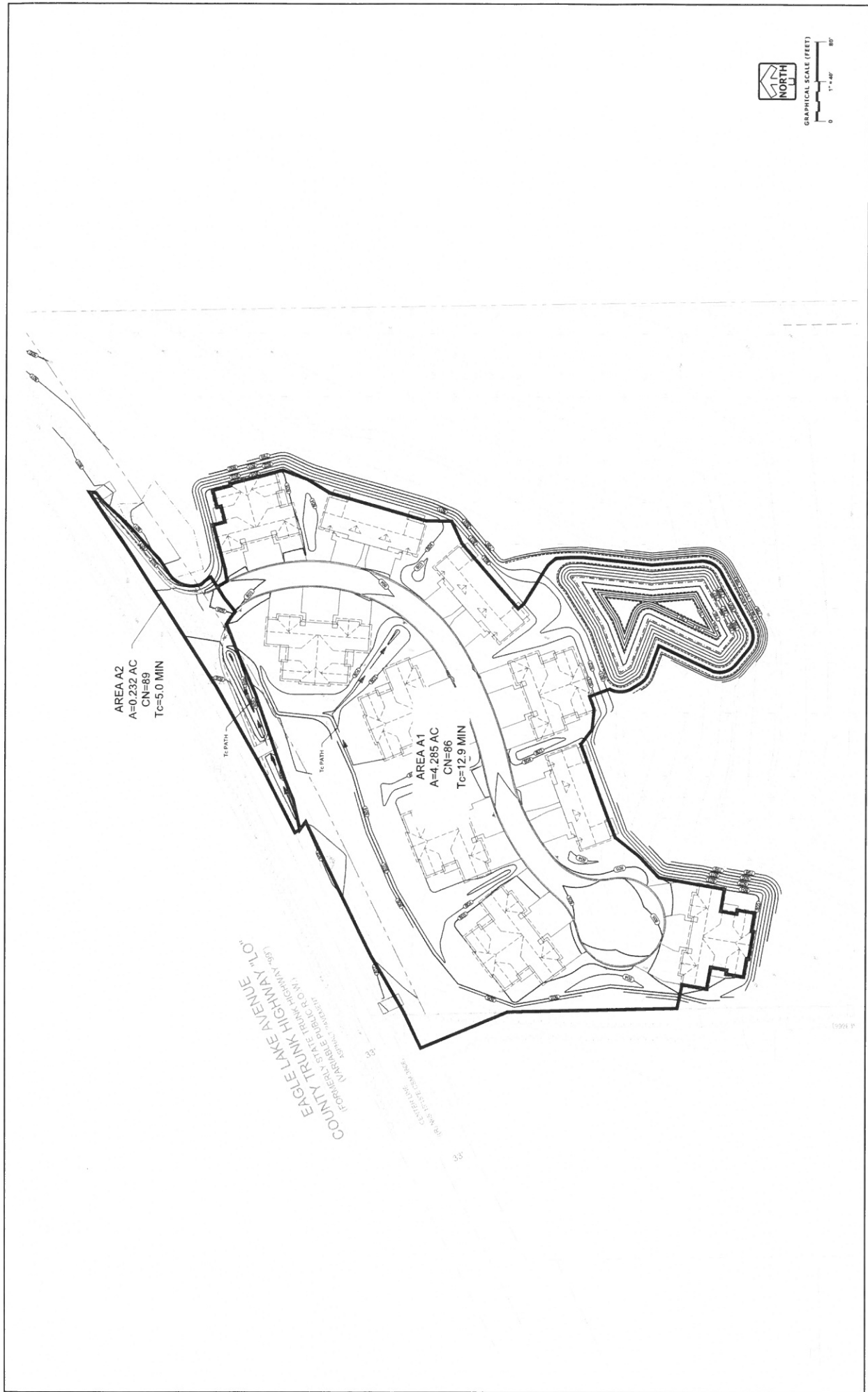
Subcatchment E1: EXISTING

APPENDIX 3

POST DEVELOPMENT CONDITIONS

RATE ATTENUATION





PROPOSED HYDROLOGY EXHIBIT

PINNACLE ENGINEERING GROUP

15850 W. BLUEMOUND ROAD | SUITE 210 | BROOKFIELD, WI 53005 | WWW.PINNACLE-ENGR.COM |

PLAN | DESIGN | DELIVER

PEGJOB#1578.00

10/03/2019



PROPOSED



CONCEPT POND



PROPOSED



TO ROAD



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MSE 24-hr 3 1-Year Rainfall=2.40"

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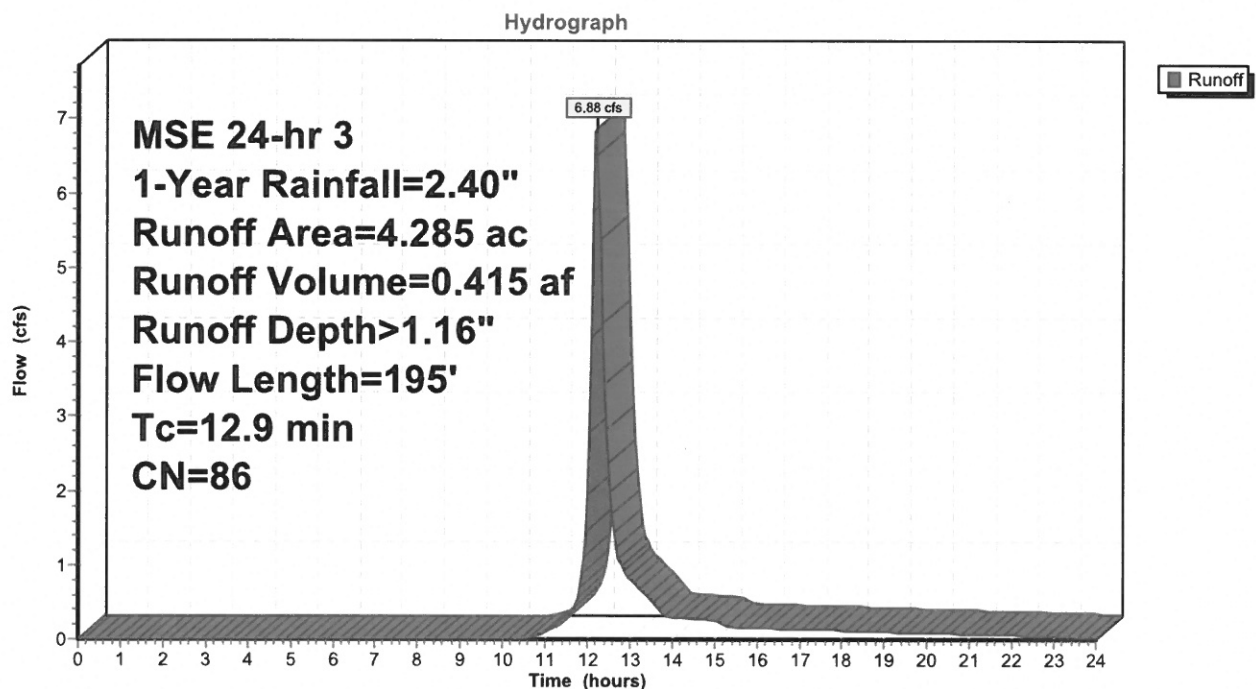
Summary for Subcatchment A1: PROPOSED

Runoff = 6.88 cfs @ 12.21 hrs, Volume= 0.415 af, Depth> 1.16"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-24.00 hrs, dt= 0.05 hrs
MSE 24-hr 3 1-Year Rainfall=2.40"

Area (ac)	CN	Description
2.170	74	>75% Grass cover, Good, HSG C
0.497	98	Paved roads w/curbs & sewers, HSG C
1.000	98	Roofs, HSG C
0.371	98	Paved parking, HSG C
* 0.069	98	Sidewalk, HSG C
0.178	98	Water Surface, HSG C
4.285	86	Weighted Average
2.170		50.64% Pervious Area
2.115		49.36% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
9.0	33	0.0033	0.06		Sheet Flow, Grass: Short n= 0.150 P2= 2.70"
3.9	162	0.0100	0.70		Shallow Concentrated Flow, Short Grass Pasture Kv= 7.0 fps
12.9	195	Total			

Subcatchment A1: PROPOSED

1578.00 HYDROCAD CONCEPT

MSE 24-hr 3 1-Year Rainfall=2.40"

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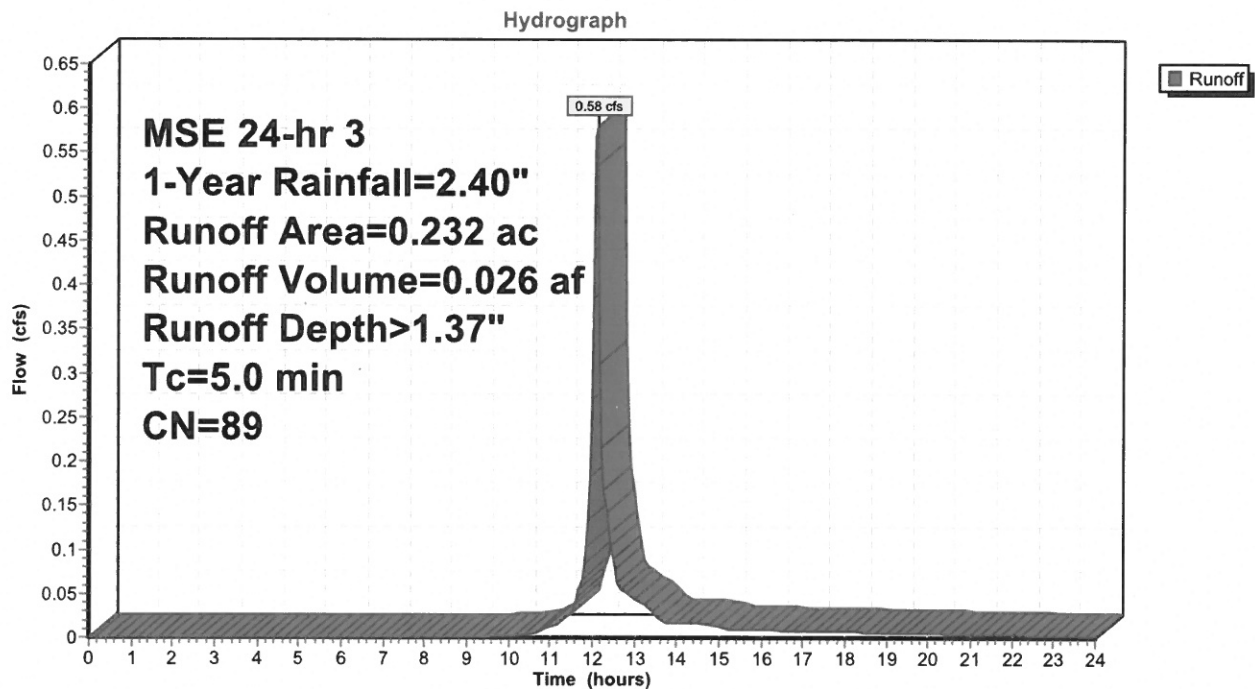
Summary for Subcatchment A2: TO ROAD[49] Hint: $T_c < 2dt$ may require smaller dt

Runoff = 0.58 cfs @ 12.12 hrs, Volume= 0.026 af, Depth> 1.37"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-24.00 hrs, $dt=0.05$ hrs
MSE 24-hr 3 1-Year Rainfall=2.40"

Area (ac)	CN	Description
0.148	98	Paved parking, HSG C
0.084	74	>75% Grass cover, Good, HSG C
0.232	89	Weighted Average
0.084		36.21% Pervious Area
0.148		63.79% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
5.0					Direct Entry,

Subcatchment A2: TO ROAD

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MSE 24-hr 3 1-Year Rainfall=2.40"

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Page 4

Summary for Pond 2P: CONCEPT POND

Inflow Area = 4.285 ac, 49.36% Impervious, Inflow Depth > 1.16" for 1-Year event
 Inflow = 6.88 cfs @ 12.21 hrs, Volume= 0.415 af
 Outflow = 0.13 cfs @ 17.63 hrs, Volume= 0.123 af, Atten= 98%, Lag= 324.7 min
 Primary = 0.13 cfs @ 17.63 hrs, Volume= 0.123 af
 Secondary = 0.00 cfs @ 0.00 hrs, Volume= 0.000 af

Routing by Stor-Ind method, Time Span= 0.00-24.00 hrs, dt= 0.05 hrs
 Peak Elev= 797.06' @ 17.63 hrs Surf.Area= 10,085 sf Storage= 13,836 cf

Plug-Flow detention time= 365.8 min calculated for 0.123 af (30% of inflow)
 Center-of-Mass det. time= 270.3 min (1,085.4 - 815.2)

Volume	Invert	Avail.Storage	Storage Description
#1	795.50'	57,752 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
795.50	7,738	0	0
796.00	8,447	4,046	4,046
800.50	15,422	53,705	57,752

Device	Routing	Invert	Outlet Devices
#1	Primary	795.50'	9.0" Round Culvert L= 40.0' RCP, end-section conforming to fill, Ke= 0.500 Inlet / Outlet Invert= 795.50' / 795.20' S= 0.0075 ' S= 0.0075 ' Cc= 0.900 n= 0.012, Flow Area= 0.44 sf
#2	Device 1	795.50'	2.0" Vert. Orifice/Grate C= 0.600
#3	Device 1	797.40'	16.0" W x 6.6" H Vert. Orifice/Grate C= 0.600
#4	Secondary	799.50'	10.0' long x 10.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 Coef. (English) 2.49 2.56 2.70 2.69 2.68 2.69 2.67 2.64
#5	Device 1	798.00'	48.0" x 48.0" Horiz. Orifice/Grate C= 0.600 Limited to weir flow at low heads

Primary OutFlow Max=0.13 cfs @ 17.63 hrs HW=797.06' (Free Discharge)

1=Culvert (Passes 0.13 cfs of 2.13 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 0.13 cfs @ 5.84 fps)
 3=Orifice/Grate (Controls 0.00 cfs)
 5=Orifice/Grate (Controls 0.00 cfs)

Secondary OutFlow Max=0.00 cfs @ 0.00 hrs HW=795.50' (Free Discharge)

4=Broad-Crested Rectangular Weir (Controls 0.00 cfs)

1578.00 HYDROCAD CONCEPT

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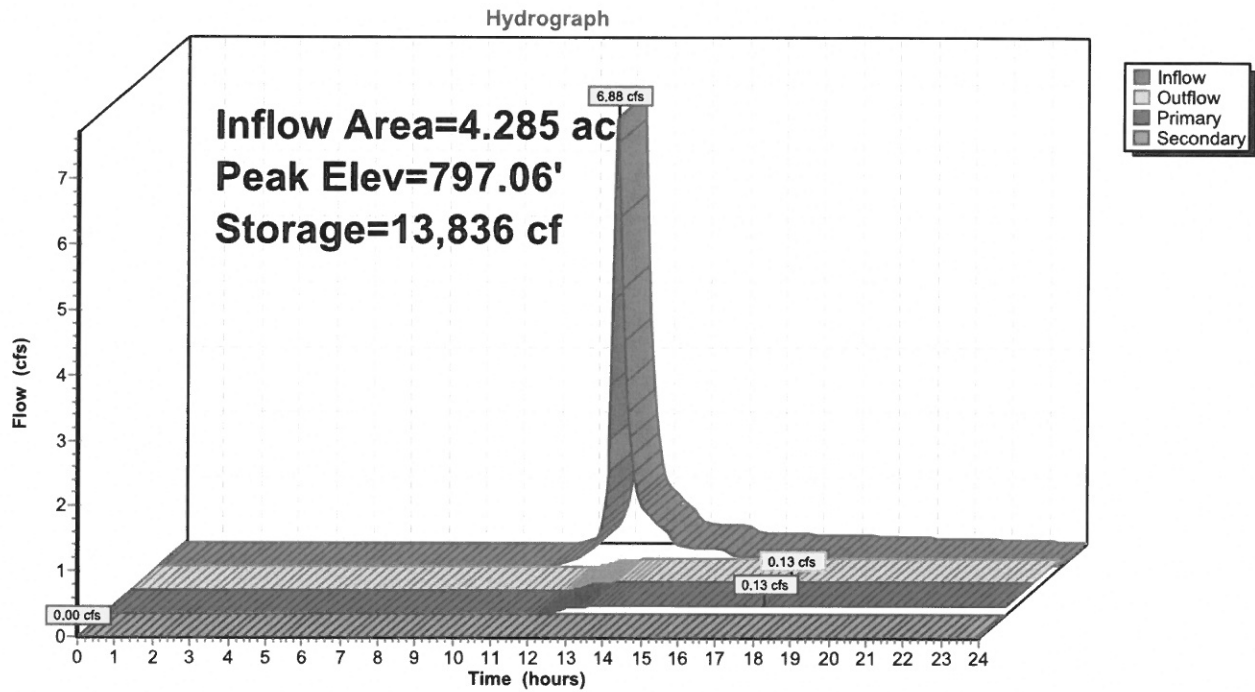
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MSE 24-hr 3 1-Year Rainfall=2.40"

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Pond 2P: CONCEPT POND



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MSE 24-hr 3 1-Year Rainfall=2.40"

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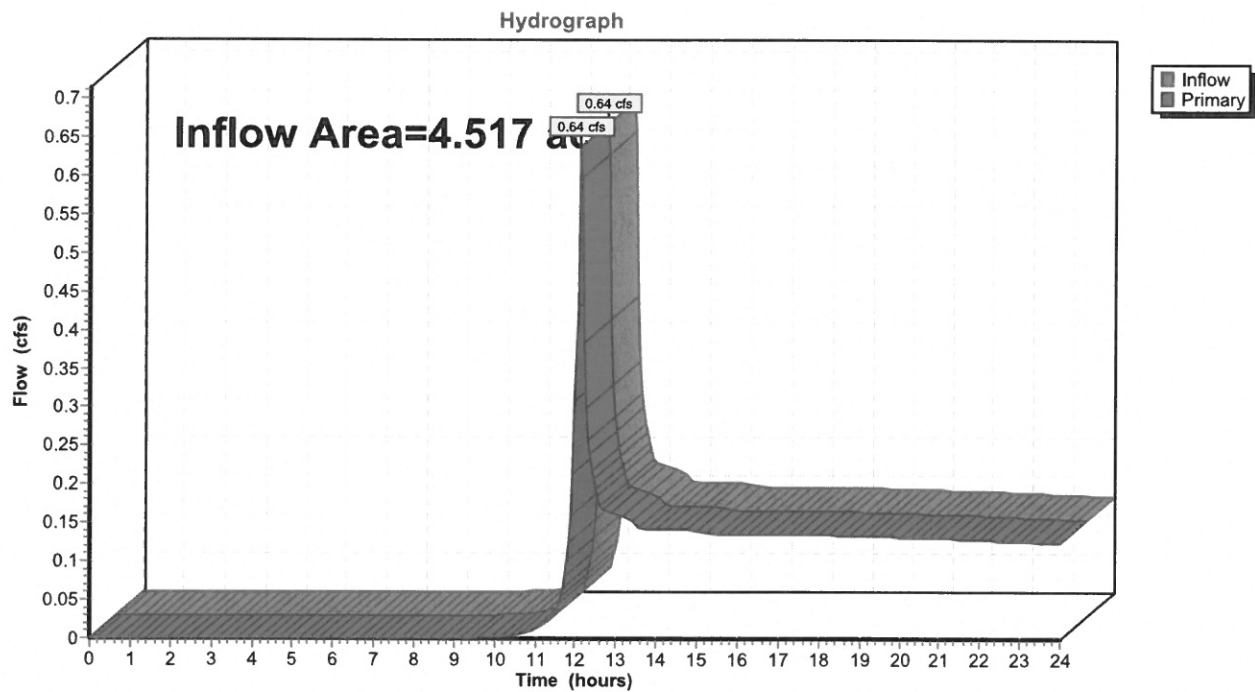
Page 6

Summary for Link 1L: PROPOSED

Inflow Area = 4.517 ac, 50.10% Impervious, Inflow Depth > 0.40" for 1-Year event
Inflow = 0.64 cfs @ 12.12 hrs, Volume= 0.150 af
Primary = 0.64 cfs @ 12.12 hrs, Volume= 0.150 af, Atten= 0%, Lag= 0.0 min

Primary outflow = Inflow, Time Span= 0.00-24.00 hrs, dt= 0.05 hrs

Link 1L: PROPOSED



1578.00 HYDROCAD CONCEPT

MSE 24-hr 3 2-Year Rainfall=2.70"

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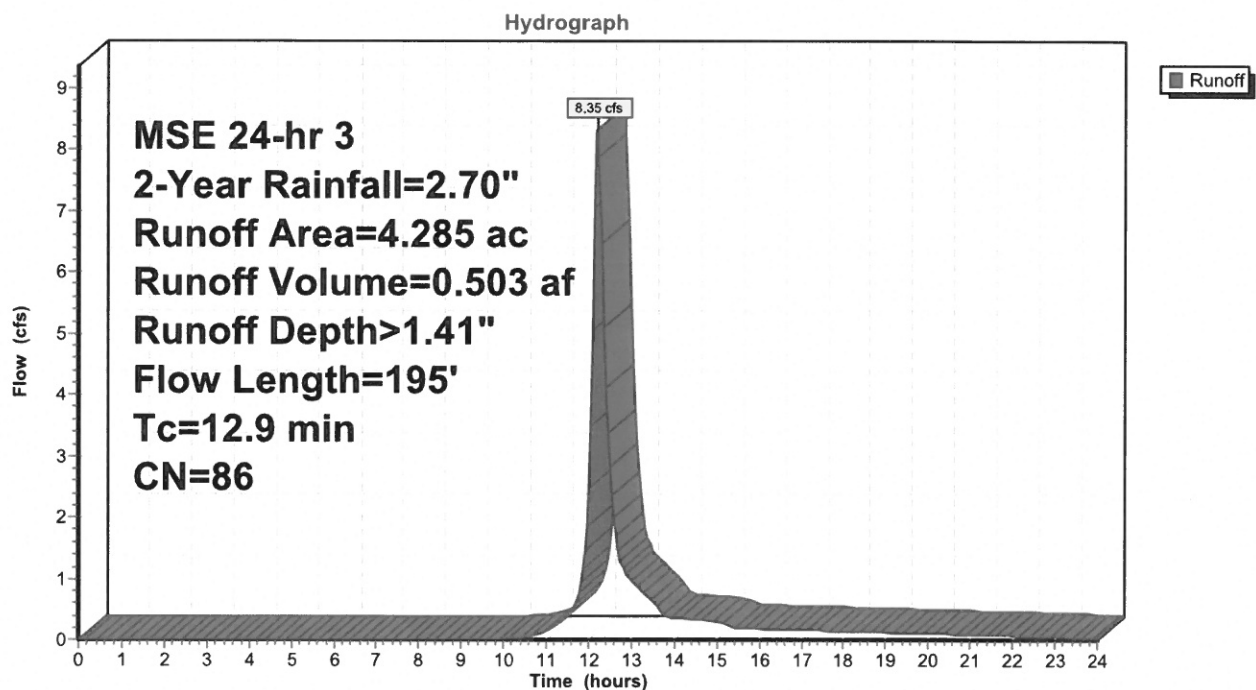
Summary for Subcatchment A1: PROPOSED

Runoff = 8.35 cfs @ 12.21 hrs, Volume= 0.503 af, Depth> 1.41"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-24.00 hrs, dt= 0.05 hrs
MSE 24-hr 3 2-Year Rainfall=2.70"

Area (ac)	CN	Description
2.170	74	>75% Grass cover, Good, HSG C
0.497	98	Paved roads w/curbs & sewers, HSG C
1.000	98	Roofs, HSG C
0.371	98	Paved parking, HSG C
* 0.069	98	Sidewalk, HSG C
0.178	98	Water Surface, HSG C
4.285	86	Weighted Average
2.170		50.64% Pervious Area
2.115		49.36% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
9.0	33	0.0033	0.06		Sheet Flow, Grass: Short n= 0.150 P2= 2.70"
3.9	162	0.0100	0.70		Shallow Concentrated Flow, Short Grass Pasture Kv= 7.0 fps
12.9	195	Total			

Subcatchment A1: PROPOSED

1578.00 HYDROCAD CONCEPT*MSE 24-hr 3 2-Year Rainfall=2.70"*

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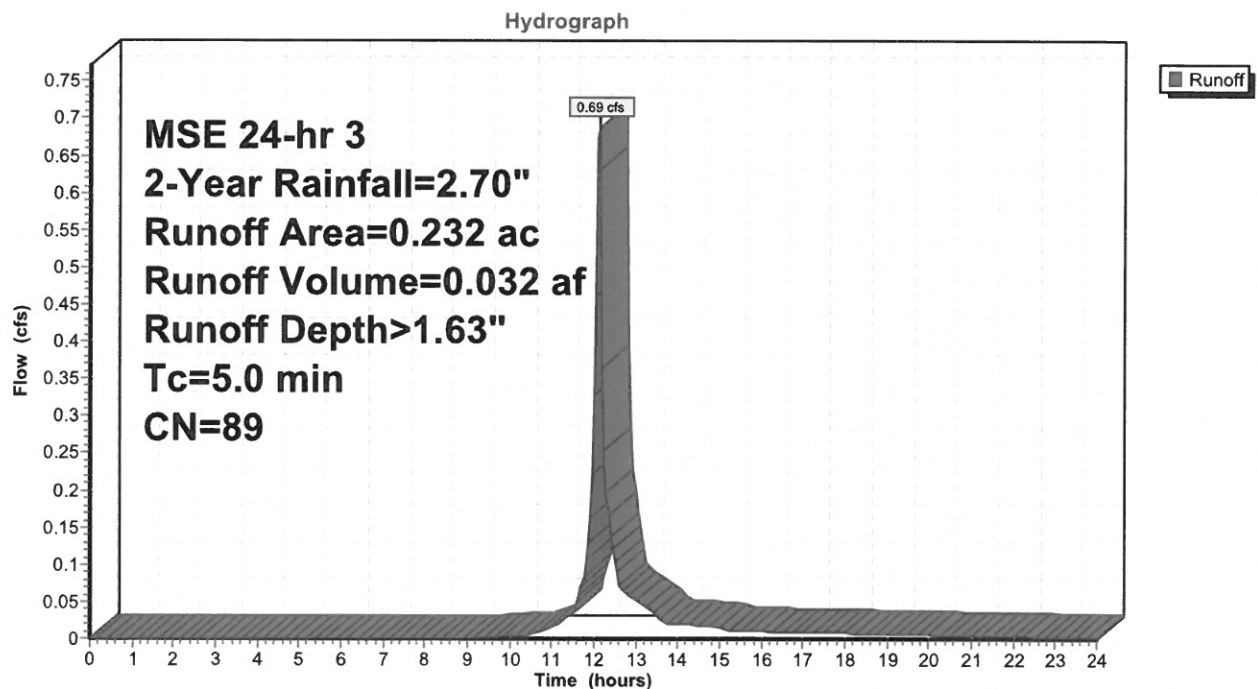
Summary for Subcatchment A2: TO ROAD[49] Hint: $T_c < 2dt$ may require smaller dt

Runoff = 0.69 cfs @ 12.12 hrs, Volume= 0.032 af, Depth> 1.63"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-24.00 hrs, $dt=0.05$ hrs
MSE 24-hr 3 2-Year Rainfall=2.70"

Area (ac)	CN	Description
0.148	98	Paved parking, HSG C
0.084	74	>75% Grass cover, Good, HSG C
0.232	89	Weighted Average
0.084		36.21% Pervious Area
0.148		63.79% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
5.0					Direct Entry,

Subcatchment A2: TO ROAD

1578.00 HYDROCAD CONCEPT

MSE 24-hr 3 2-Year Rainfall=2.70"

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Summary for Pond 2P: CONCEPT POND

Inflow Area = 4.285 ac, 49.36% Impervious, Inflow Depth > 1.41" for 2-Year event
 Inflow = 8.35 cfs @ 12.21 hrs, Volume= 0.503 af
 Outflow = 0.14 cfs @ 18.07 hrs, Volume= 0.137 af, Atten= 98%, Lag= 351.7 min
 Primary = 0.14 cfs @ 18.07 hrs, Volume= 0.137 af
 Secondary = 0.00 cfs @ 0.00 hrs, Volume= 0.000 af

Routing by Stor-Ind method, Time Span= 0.00-24.00 hrs, dt= 0.05 hrs
 Peak Elev= 797.37' @ 18.07 hrs Surf.Area= 10,575 sf Storage= 17,103 cf

Plug-Flow detention time= 368.0 min calculated for 0.136 af (27% of inflow)
 Center-of-Mass det. time= 272.9 min (1,084.2 - 811.3)

Volume	Invert	Avail.Storage	Storage Description
#1	795.50'	57,752 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
795.50	7,738	0	0
796.00	8,447	4,046	4,046
800.50	15,422	53,705	57,752

Device	Routing	Invert	Outlet Devices
#1	Primary	795.50'	9.0" Round Culvert L= 40.0' RCP, end-section conforming to fill, Ke= 0.500 Inlet / Outlet Invert= 795.50' / 795.20' S= 0.0075 ' / ' Cc= 0.900 n= 0.012, Flow Area= 0.44 sf
#2	Device 1	795.50'	2.0" Vert. Orifice/Grate C= 0.600
#3	Device 1	797.40'	16.0" W x 6.6" H Vert. Orifice/Grate C= 0.600
#4	Secondary	799.50'	10.0' long x 10.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 Coef. (English) 2.49 2.56 2.70 2.69 2.68 2.69 2.67 2.64
#5	Device 1	798.00'	48.0" x 48.0" Horiz. Orifice/Grate C= 0.600 Limited to weir flow at low heads

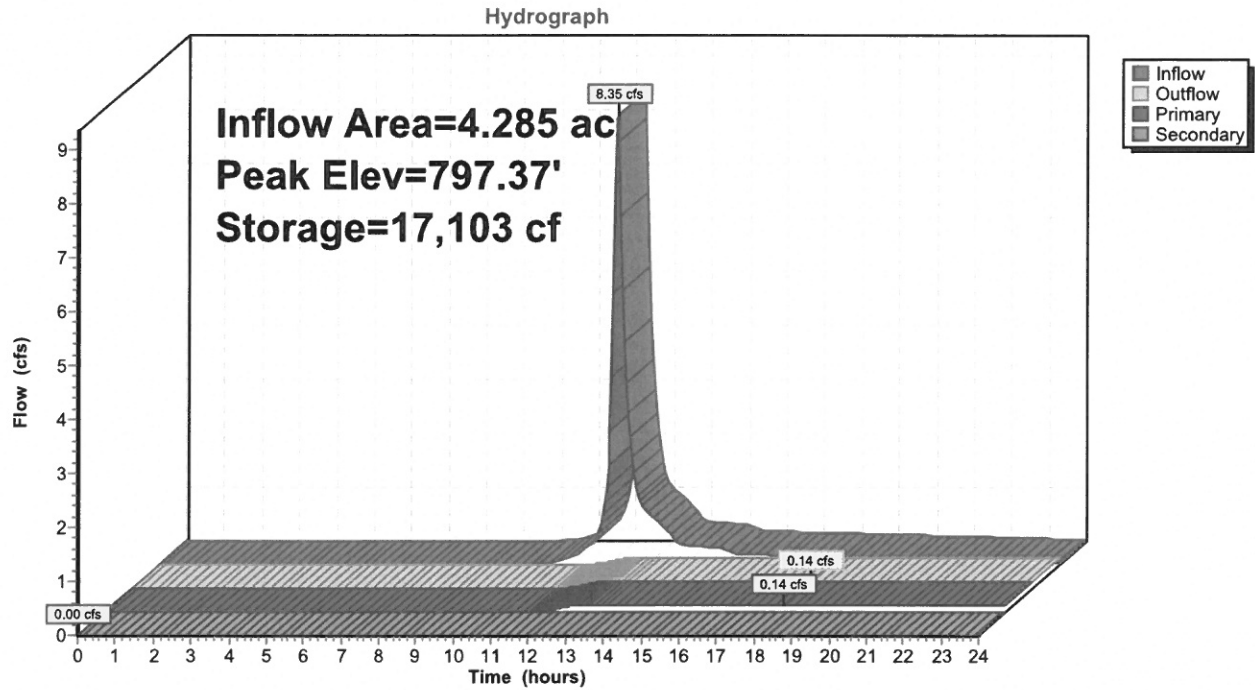
Primary OutFlow Max=0.14 cfs @ 18.07 hrs HW=797.37' (Free Discharge)

1=Culvert (Passes 0.14 cfs of 2.41 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 0.14 cfs @ 6.44 fps)
 3=Orifice/Grate (Controls 0.00 cfs)
 5=Orifice/Grate (Controls 0.00 cfs)

Secondary OutFlow Max=0.00 cfs @ 0.00 hrs HW=795.50' (Free Discharge)

4=Broad-Crested Rectangular Weir (Controls 0.00 cfs)

Pond 2P: CONCEPT POND



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MSE 24-hr 3 2-Year Rainfall=2.70"

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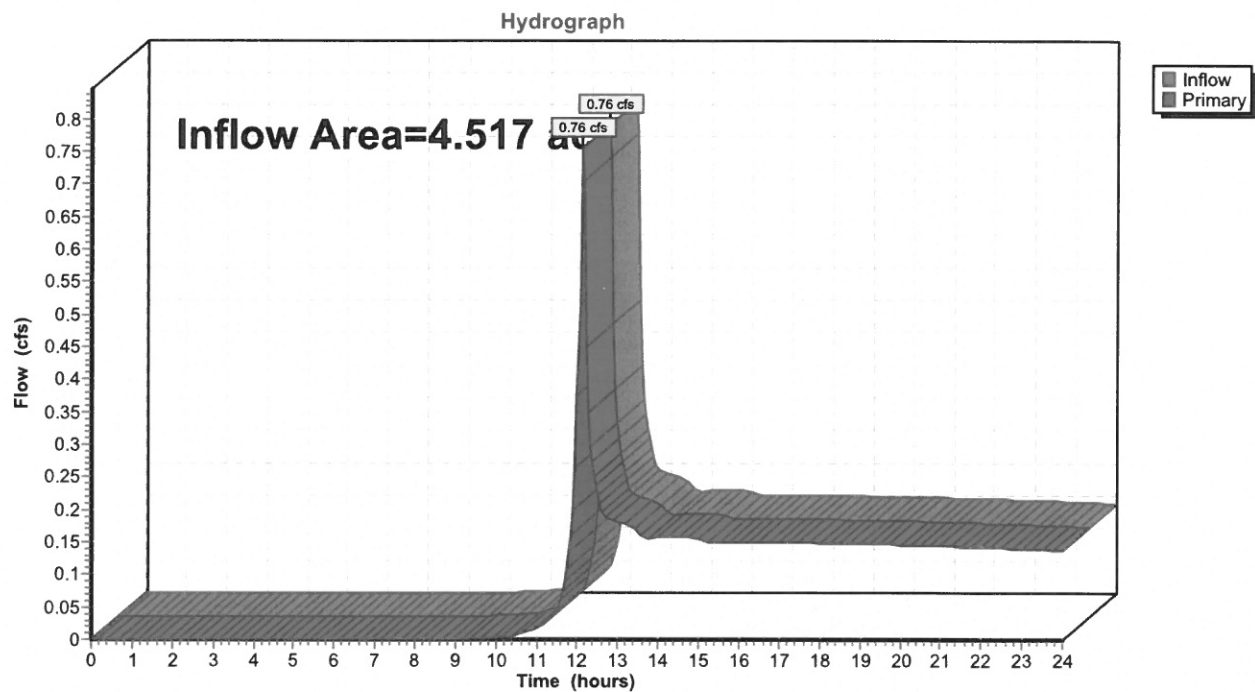
Page 11

Summary for Link 1L: PROPOSED

Inflow Area = 4.517 ac, 50.10% Impervious, Inflow Depth > 0.45" for 2-Year event
Inflow = 0.76 cfs @ 12.12 hrs, Volume= 0.168 af
Primary = 0.76 cfs @ 12.12 hrs, Volume= 0.168 af, Atten= 0%, Lag= 0.0 min

Primary outflow = Inflow, Time Span= 0.00-24.00 hrs, dt= 0.05 hrs

Link 1L: PROPOSED



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MSE 24-hr 3 10-Year Rainfall=3.81"

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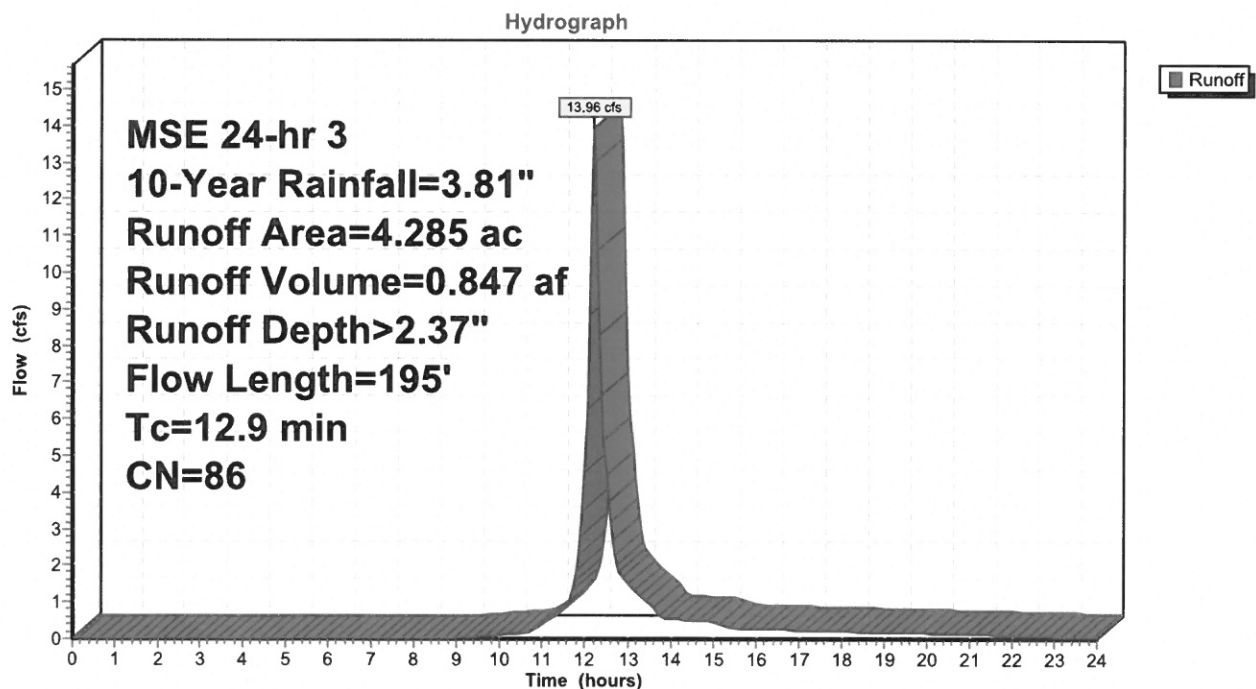
Summary for Subcatchment A1: PROPOSED

Runoff = 13.96 cfs @ 12.21 hrs, Volume= 0.847 af, Depth> 2.37"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-24.00 hrs, dt= 0.05 hrs
MSE 24-hr 3 10-Year Rainfall=3.81"

Area (ac)	CN	Description
2.170	74	>75% Grass cover, Good, HSG C
0.497	98	Paved roads w/curbs & sewers, HSG C
1.000	98	Roofs, HSG C
0.371	98	Paved parking, HSG C
* 0.069	98	Sidewalk, HSG C
0.178	98	Water Surface, HSG C
4.285	86	Weighted Average
2.170		50.64% Pervious Area
2.115		49.36% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
9.0	33	0.0033	0.06		Sheet Flow, Grass: Short n= 0.150 P2= 2.70"
3.9	162	0.0100	0.70		Shallow Concentrated Flow, Short Grass Pasture Kv= 7.0 fps
12.9	195	Total			

Subcatchment A1: PROPOSED

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MSE 24-hr 3 10-Year Rainfall=3.81"

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Summary for Subcatchment A2: TO ROAD

[49] Hint: $T_c < 2dt$ may require smaller dt

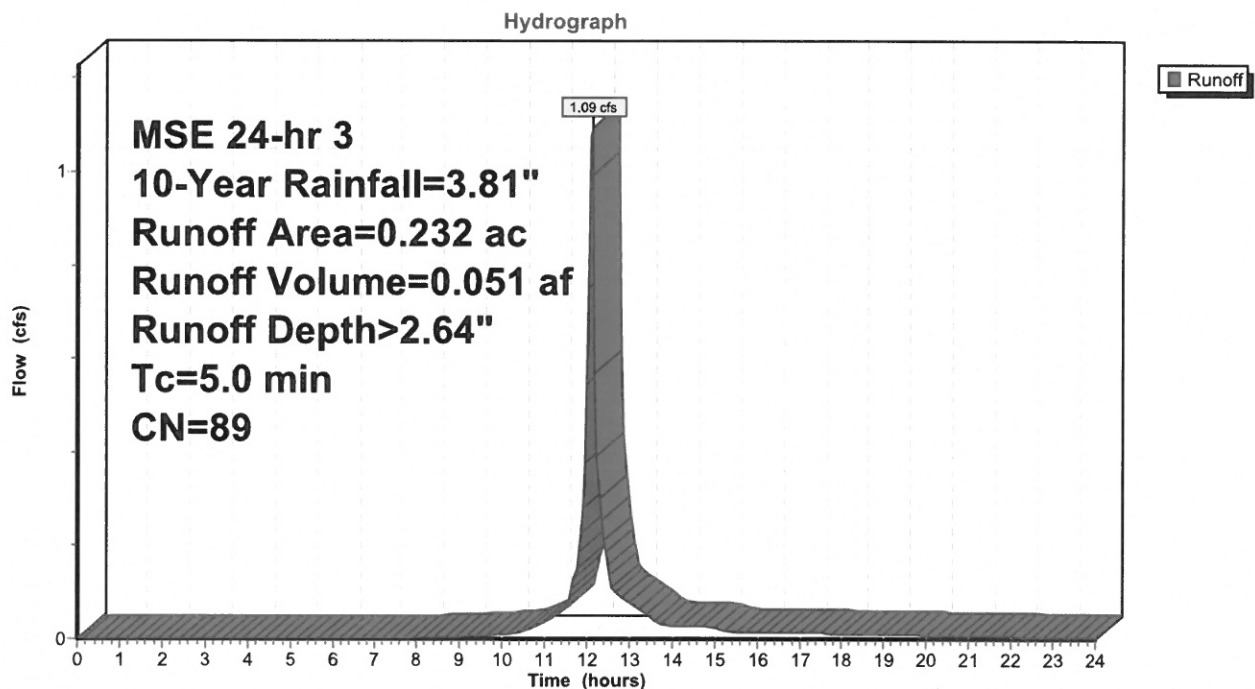
Runoff = 1.09 cfs @ 12.11 hrs, Volume= 0.051 af, Depth> 2.64"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-24.00 hrs, $dt=0.05$ hrs
MSE 24-hr 3 10-Year Rainfall=3.81"

Area (ac)	CN	Description
0.148	98	Paved parking, HSG C
0.084	74	>75% Grass cover, Good, HSG C
0.232	89	Weighted Average
0.084		36.21% Pervious Area
0.148		63.79% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
5.0					Direct Entry,

Subcatchment A2: TO ROAD



1578.00 HYDROCAD CONCEPT

MSE 24-hr 3 10-Year Rainfall=3.81"

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Summary for Pond 2P: CONCEPT POND

Inflow Area = 4.285 ac, 49.36% Impervious, Inflow Depth > 2.37" for 10-Year event
 Inflow = 13.96 cfs @ 12.21 hrs, Volume= 0.847 af
 Outflow = 1.57 cfs @ 12.96 hrs, Volume= 0.455 af, Atten= 89%, Lag= 45.0 min
 Primary = 1.57 cfs @ 12.96 hrs, Volume= 0.455 af
 Secondary = 0.00 cfs @ 0.00 hrs, Volume= 0.000 af

Routing by Stor-Ind method, Time Span= 0.00-24.00 hrs, dt= 0.05 hrs
 Peak Elev= 797.88' @ 12.96 hrs Surf.Area= 11,356 sf Storage= 22,631 cf

Plug-Flow detention time= 217.9 min calculated for 0.455 af (54% of inflow)
 Center-of-Mass det. time= 137.5 min (938.3 - 800.8)

Volume	Invert	Avail.Storage	Storage Description
#1	795.50'	57,752 cf	Custom Stage Data (Prismatic) Listed below (Recalc)
Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
795.50	7,738	0	0
796.00	8,447	4,046	4,046
800.50	15,422	53,705	57,752

Device	Routing	Invert	Outlet Devices
#1	Primary	795.50'	9.0" Round Culvert L= 40.0' RCP, end-section conforming to fill, Ke= 0.500 Inlet / Outlet Invert= 795.50' / 795.20' S= 0.0075 ' S= 0.0075 ' Cc= 0.900 n= 0.012, Flow Area= 0.44 sf
#2	Device 1	795.50'	2.0" Vert. Orifice/Grate C= 0.600
#3	Device 1	797.40'	16.0" W x 6.6" H Vert. Orifice/Grate C= 0.600
#4	Secondary	799.50'	10.0' long x 10.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 Coef. (English) 2.49 2.56 2.70 2.69 2.68 2.69 2.67 2.64
#5	Device 1	798.00'	48.0" x 48.0" Horiz. Orifice/Grate C= 0.600 Limited to weir flow at low heads

Primary OutFlow Max=1.57 cfs @ 12.96 hrs HW=797.88' (Free Discharge)

1=Culvert (Passes 1.57 cfs of 2.81 cfs potential flow)
 2=Orifice/Grate (Orifice Controls 0.16 cfs @ 7.29 fps)
 3=Orifice/Grate (Orifice Controls 1.41 cfs @ 2.22 fps)
 5=Orifice/Grate (Controls 0.00 cfs)

Secondary OutFlow Max=0.00 cfs @ 0.00 hrs HW=795.50' (Free Discharge)

4=Broad-Crested Rectangular Weir(Controls 0.00 cfs)

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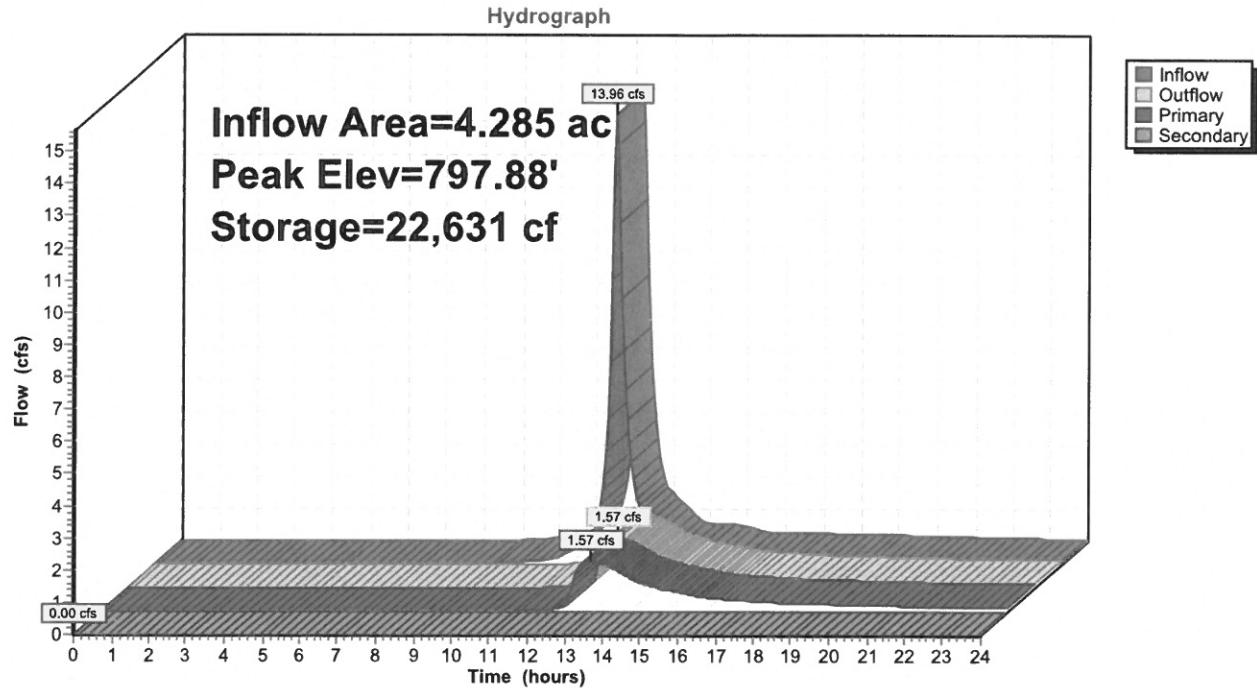
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MSE 24-hr 3 10-Year Rainfall=3.81"

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Pond 2P: CONCEPT POND



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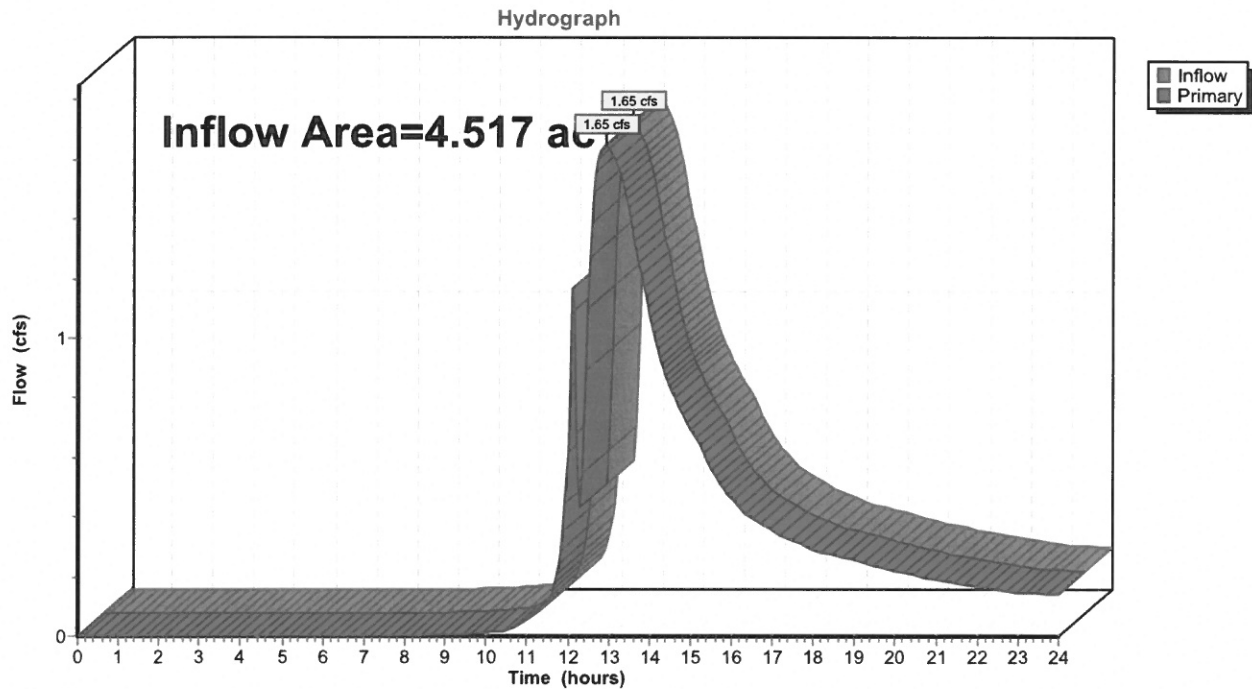
Page 16

Summary for Link 1L: PROPOSED

Inflow Area = 4.517 ac, 50.10% Impervious, Inflow Depth > 1.34" for 10-Year event
Inflow = 1.65 cfs @ 12.93 hrs, Volume= 0.506 af
Primary = 1.65 cfs @ 12.93 hrs, Volume= 0.506 af, Atten= 0%, Lag= 0.0 min

Primary outflow = Inflow, Time Span= 0.00-24.00 hrs, dt= 0.05 hrs

Link 1L: PROPOSED



1578.00 HYDROCAD CONCEPT

MSE 24-hr 3 100-Year Rainfall=6.18"

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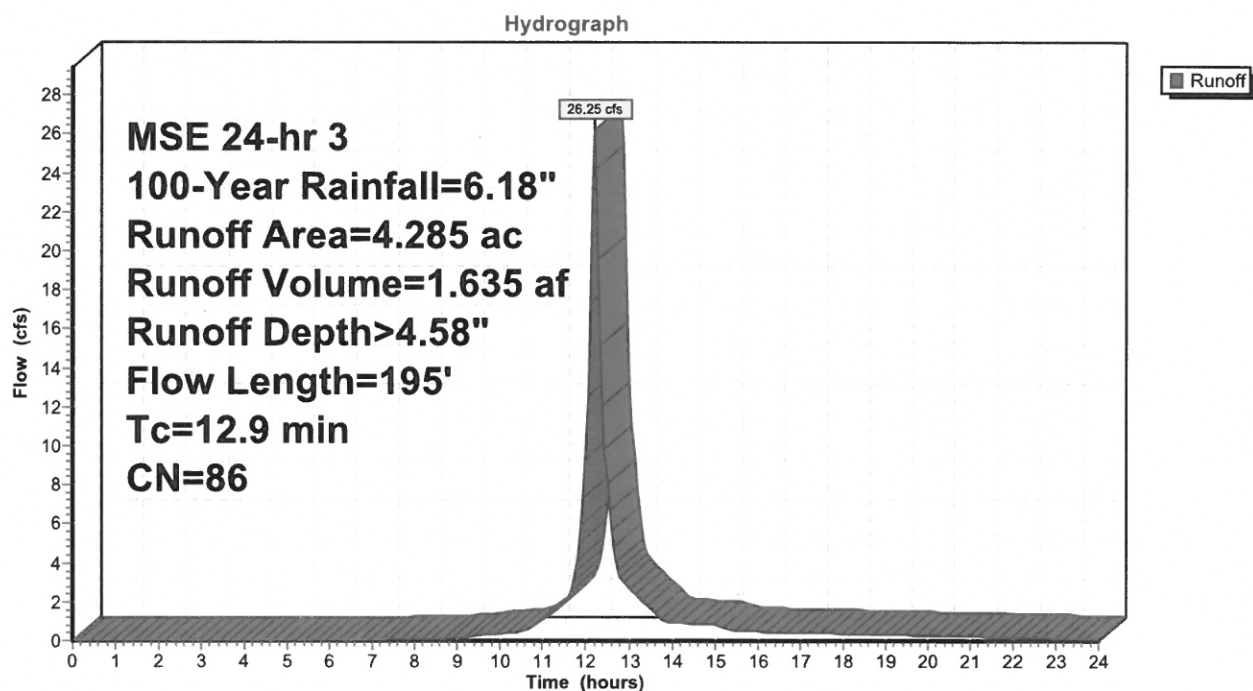
Summary for Subcatchment A1: PROPOSED

Runoff = 26.25 cfs @ 12.21 hrs, Volume= 1.635 af, Depth> 4.58"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-24.00 hrs, dt= 0.05 hrs
MSE 24-hr 3 100-Year Rainfall=6.18"

Area (ac)	CN	Description
2.170	74	>75% Grass cover, Good, HSG C
0.497	98	Paved roads w/curbs & sewers, HSG C
1.000	98	Roofs, HSG C
0.371	98	Paved parking, HSG C
* 0.069	98	Sidewalk, HSG C
0.178	98	Water Surface, HSG C
4.285	86	Weighted Average
2.170		50.64% Pervious Area
2.115		49.36% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
9.0	33	0.0033	0.06		Sheet Flow, Grass: Short n= 0.150 P2= 2.70"
3.9	162	0.0100	0.70		Shallow Concentrated Flow, Short Grass Pasture Kv= 7.0 fps
12.9	195	Total			

Subcatchment A1: PROPOSED

1578.00 HYDROCAD CONCEPT

MSE 24-hr 3 100-Year Rainfall=6.18"

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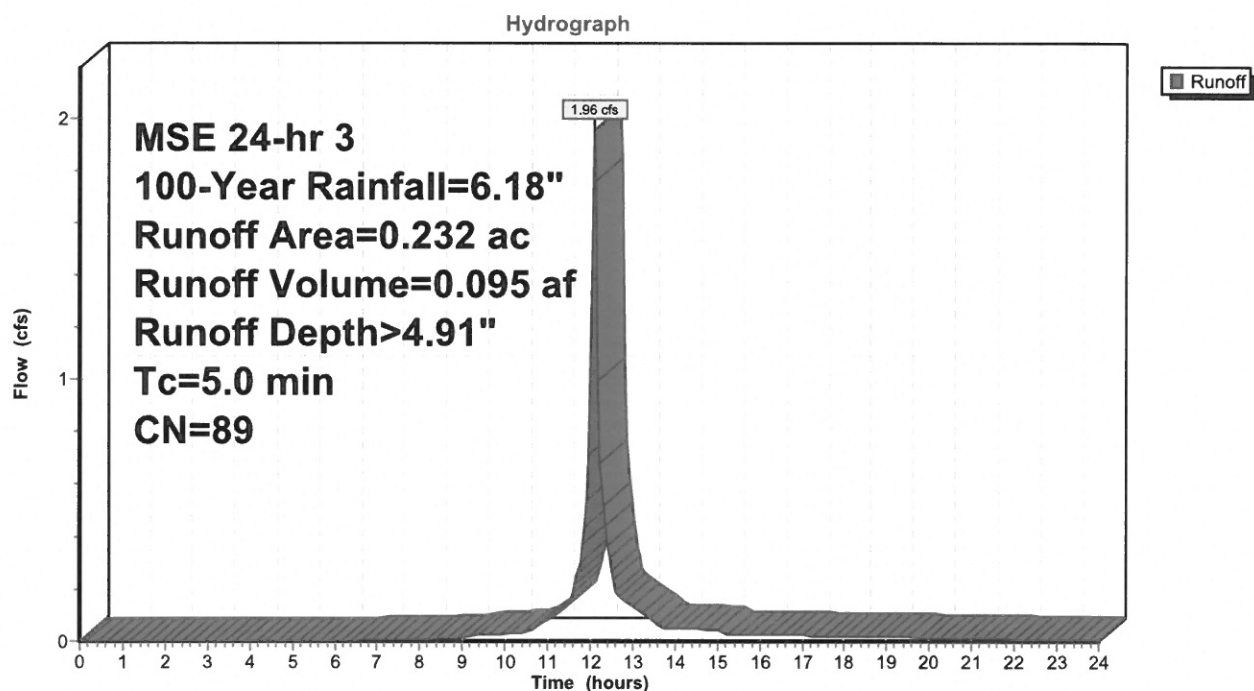
Summary for Subcatchment A2: TO ROAD[49] Hint: $T_c < 2dt$ may require smaller dt

Runoff = 1.96 cfs @ 12.11 hrs, Volume= 0.095 af, Depth> 4.91"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-24.00 hrs, $dt=0.05$ hrs
MSE 24-hr 3 100-Year Rainfall=6.18"

Area (ac)	CN	Description
0.148	98	Paved parking, HSG C
0.084	74	>75% Grass cover, Good, HSG C
0.232	89	Weighted Average
0.084		36.21% Pervious Area
0.148		63.79% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
5.0					Direct Entry,

Subcatchment A2: TO ROAD

1578.00 HYDROCAD CONCEPT

MSE 24-hr 3 100-Year Rainfall=6.18"

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Summary for Pond 2P: CONCEPT POND

Inflow Area = 4.285 ac, 49.36% Impervious, Inflow Depth > 4.58" for 100-Year event
 Inflow = 26.25 cfs @ 12.21 hrs, Volume= 1.635 af
 Outflow = 3.73 cfs @ 12.74 hrs, Volume= 1.229 af, Atten= 86%, Lag= 32.0 min
 Primary = 3.73 cfs @ 12.74 hrs, Volume= 1.229 af
 Secondary = 0.00 cfs @ 0.00 hrs, Volume= 0.000 af

Routing by Stor-Ind method, Time Span= 0.00-24.00 hrs, dt= 0.05 hrs
 Peak Elev= 799.35' @ 12.74 hrs Surf.Area= 13,639 sf Storage= 41,039 cf

Plug-Flow detention time= 169.6 min calculated for 1.229 af (75% of inflow)
 Center-of-Mass det. time= 105.1 min (892.8 - 787.8)

Volume	Invert	Avail.Storage	Storage Description
#1	795.50'	57,752 cf	Custom Stage Data (Prismatic) Listed below (Recalc)
Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
795.50	7,738	0	0
796.00	8,447	4,046	4,046
800.50	15,422	53,705	57,752

Device	Routing	Invert	Outlet Devices
#1	Primary	795.50'	9.0" Round Culvert L= 40.0' RCP, end-section conforming to fill, Ke= 0.500 Inlet / Outlet Invert= 795.50' / 795.20' S= 0.0075 ' ' Cc= 0.900 n= 0.012, Flow Area= 0.44 sf
#2	Device 1	795.50'	2.0" Vert. Orifice/Grate C= 0.600
#3	Device 1	797.40'	16.0" W x 6.6" H Vert. Orifice/Grate C= 0.600
#4	Secondary	799.50'	10.0' long x 10.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 Coef. (English) 2.49 2.56 2.70 2.69 2.68 2.69 2.67 2.64
#5	Device 1	798.00'	48.0" x 48.0" Horiz. Orifice/Grate C= 0.600 Limited to weir flow at low heads

Primary OutFlow Max=3.73 cfs @ 12.74 hrs HW=799.35' (Free Discharge)

1=Culvert (Barrel Controls 3.73 cfs @ 8.44 fps)
 2=Orifice/Grate (Passes < 0.20 cfs potential flow)
 3=Orifice/Grate (Passes < 4.56 cfs potential flow)
 5=Orifice/Grate (Passes < 82.01 cfs potential flow)

Secondary OutFlow Max=0.00 cfs @ 0.00 hrs HW=795.50' (Free Discharge)

4=Broad-Crested Rectangular Weir (Controls 0.00 cfs)

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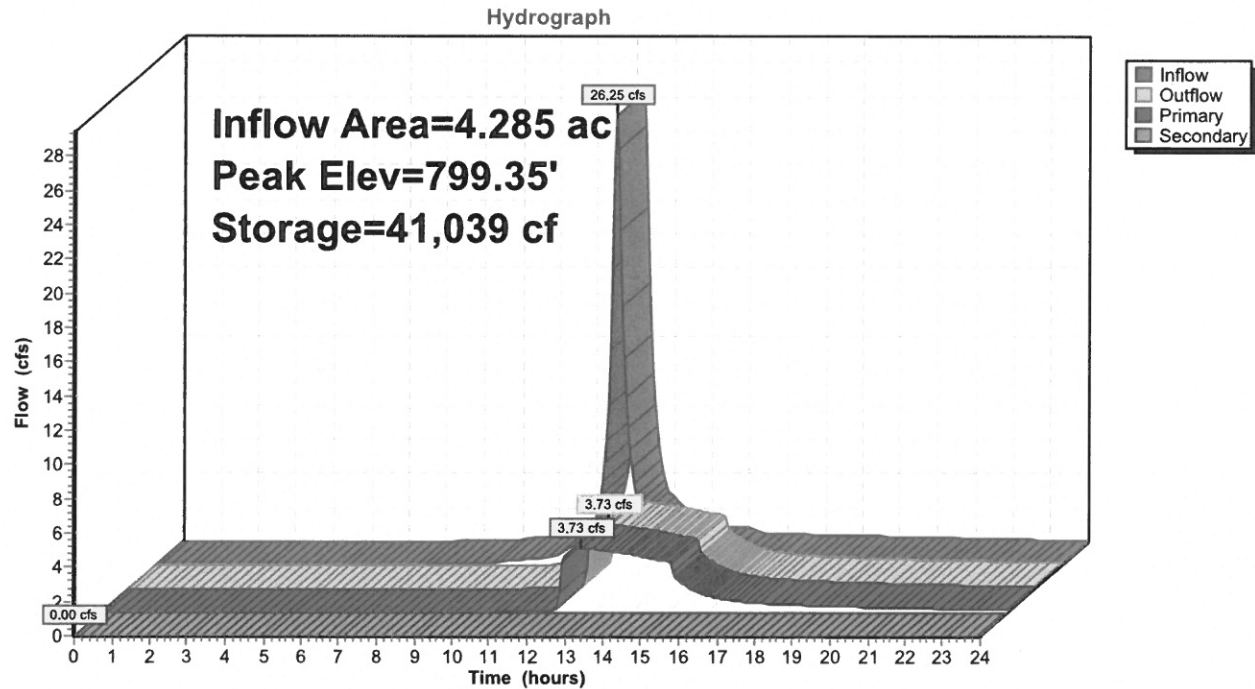
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Pond 2P: CONCEPT POND



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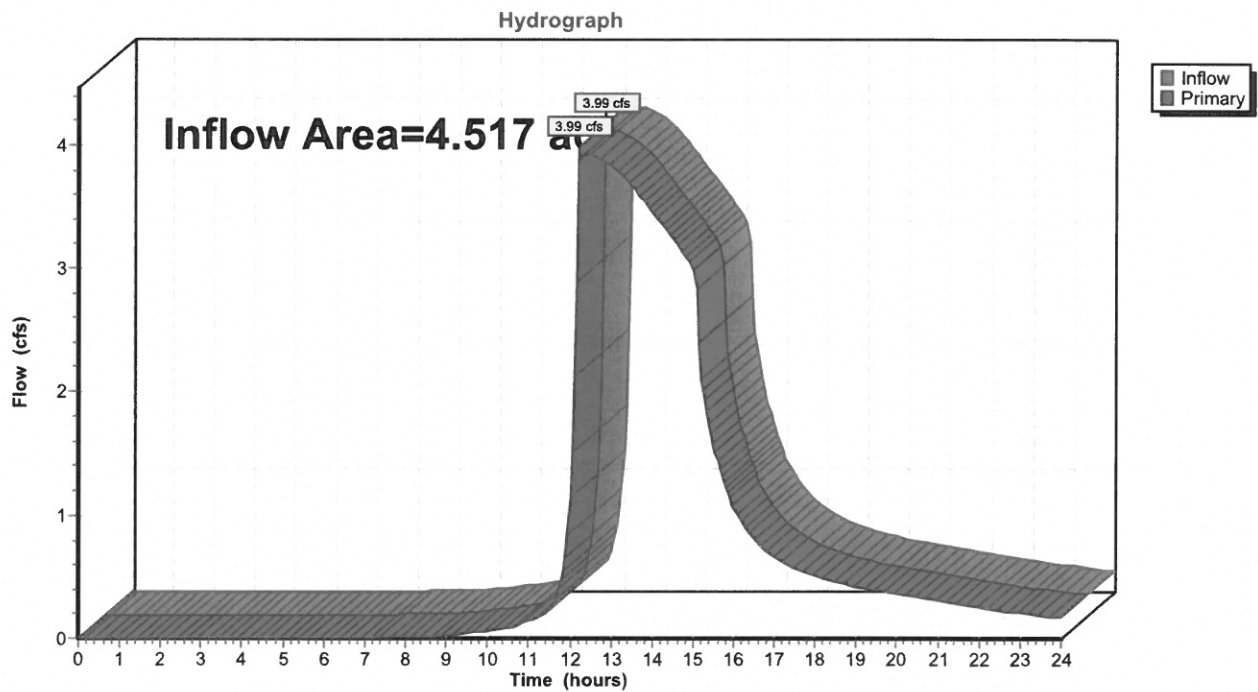
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Summary for Link 1L: PROPOSED

Inflow Area = 4.517 ac, 50.10% Impervious, Inflow Depth > 3.52" for 100-Year event
Inflow = 3.99 cfs @ 12.20 hrs, Volume= 1.324 af
Primary = 3.99 cfs @ 12.20 hrs, Volume= 1.324 af, Atten= 0%, Lag= 0.0 min

Primary outflow = Inflow, Time Span= 0.00-24.00 hrs, dt= 0.05 hrs

Link 1L: PROPOSED



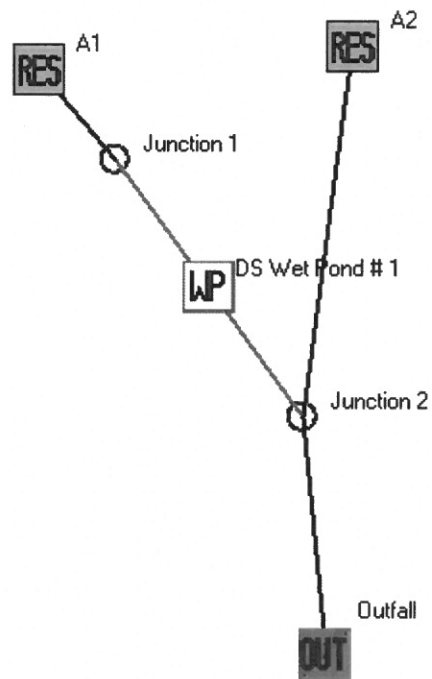
APPENDIX 4

POST DEVELOPMENT CONDITIONS

WATER QUALITY



Phantom Lakes Preserve
WinSLAMM Model Diagram



Data file name: Z:\Projects\2019\1578.00-WIDESIGN\SWMP\SLAMM\1578.00_WINSLAMM.mdb
WinSLAMM Version 10.4.1
Rain file name: C:\WinSLAMM Files\Rain Files\WisReg - Milwaukee WI 1969.RAN
Particulate Solids Concentration file name: C:\WinSLAMM Files\lv10.1 WI_AVG01.pscx
Runoff Coefficient file name: C:\WinSLAMM Files\WI_SL06 Dec06.rsvx
Residential Street Delivery file name: C:\WinSLAMM Files\WI_Res and Other Urban Dec06.std
Institutional Street Delivery file name: C:\WinSLAMM Files\WI_Com Inst Indust Dec06.std
Commercial Street Delivery file name: C:\WinSLAMM Files\WI_Com Inst Indust Dec06.std
Industrial Street Delivery file name: C:\WinSLAMM Files\WI_Com Inst Indust Dec06.std
Other Urban Street Delivery file name: C:\WinSLAMM Files\WI_Res and Other Urban Dec06.std
Freeway Street Delivery file name: C:\WinSLAMM Files\Freeway Dec06.std
Apply Street Delivery Files to Adjust the After Event Load Street Dirt Mass Balance: False
Pollutant Relative Concentration file name: C:\WinSLAMM Files\WI_GEO03.ppdx
Source Area PSD and Peak to Average Flow Ratio File: C:\WinSLAMM Files\NURP Source Area PSD Files.csv
Cost Data file name:
If Other Device Pollutant Load Reduction Values = 1, Off-site Pollutant Loads are Removed from Pollutant Load % Reduction calculations
Seed for random number generator: -42
Study period starting date: 01/05/69 Study period ending date: 12/31/69
Start of Winter Season: 12/06 End of Winter Season: 03/28
Date: 12-03-2019 Time: 14:38:44
Site information:

LU# 1 - Residential: A1 Total area (ac): 4.285
1 - Roofs 1: 1.000 ac. Pitched Disconnected Normal Silty PSD File: C:\WinSLAMM Files\NURP.cpz
25 - Driveways 1: 0.371 ac. Connected PSD File: C:\WinSLAMM Files\NURP.cpz
31 - Sidewalks 1: 0.069 ac. Disconnected Normal Clayey Low Density PSD File: C:\WinSLAMM Files\NURP.cpz
37 - Streets 1: 0.497 ac. Smooth Street Length = 0.328 curb-mi Street Width (assuming two curb-mi per street mile) = 25.00152 ft
Default St. Dirt Accum. Annual Winter Load = 2500 lbs PSD File: C:\WinSLAMM Files\NURP.cpz
45 - Large Landscaped Areas 1: 2.170 ac. Normal Silty PSD File: C:\WinSLAMM Files\NURP.cpz
70 - Water Body Areas: 0.178 ac. PSD File:

LU# 2 - Residential: A2 Total area (ac): 0.232
37 - Streets 1: 0.148 ac. Smooth Street Length = 0.081 curb-mi Street Width (assuming two curb-mi per street mile) = 30.14815 ft
Default St. Dirt Accum. Annual Winter Load = 2500 lbs PSD File: C:\WinSLAMM Files\NURP.cpz
45 - Large Landscaped Areas 1: 0.084 ac. Normal Clayey PSD File: C:\WinSLAMM Files\NURP.cpz

Control Practice 1: Wet Detention Pond CP# 1 (DS) - DS Wet Pond # 1
Particle Size Distribution file name: Not needed - calculated by program
Initial stage elevation (ft): 5
Peak to Average Flow Ratio: 3.8
Maximum flow allowed into pond (cfs): No maximum value entered
Outlet Characteristics:

- Outlet type: Orifice 1
 - 1. Orifice diameter (ft): 0.18
 - 2. Number of orifices: 1
 - 3. Invert elevation above datum (ft): 5
- Outlet type: Orifice 2
 - 1. Orifice diameter (ft): 1.3
 - 2. Number of orifices: 1
 - 3. Invert elevation above datum (ft): 6.95
- Outlet type: Broad Crested Weir
 - 1. Weir crest length (ft): 10
 - 2. Weir crest width (ft): 10
 - 3. Height from datum to bottom of weir opening: 9
- Outlet type: Vertical Stand Pipe
 - 1. Stand pipe diameter (ft): 3
 - 2. Stand pipe height above datum (ft): 7.5

Pond stage and surface area

Entry Number	Stage (ft)	Pond Area (acres)	Natural Seepage (in/hr)	Other Outflow (cfs)
0	0.00	0.0000	0.00	0.00
1	0.01	0.0420	0.00	0.00
2	0.50	0.0480	0.00	0.00
3	1.50	0.0620	0.00	0.00
4	2.50	0.0770	0.00	0.00
5	3.50	0.0930	0.00	0.00
6	4.00	0.1020	0.00	0.00
7	4.50	0.1460	0.00	0.00
8	5.00	0.1950	0.00	0.00
9	5.50	0.2110	0.00	0.00
10	6.50	0.2440	0.00	0.00
11	7.50	0.2780	0.00	0.00
12	8.50	0.3130	0.00	0.00
13	9.50	0.3500	0.00	0.00

Data file name: Z:\Projects\2019\1578.00-WI\DESIGN\SWMP\SLAMM\1578.00_WINSLAMM.mdb
WinSLAMM Version 10.4.1
Rain file name: C:\WinSLAMM Files\Rain Files\WisReg - Milwaukee WI 1969.RAN
Particulate Solids Concentration file name: C:\WinSLAMM Files\WI_AVG01.pscx
Runoff Coefficient file name: C:\WinSLAMM Files\WI_SL06 Dec06.rsvx
Pollutant Relative Concentration file name: C:\WinSLAMM Files\WI_GEO03.ppd
Residential Street Delivery file name: C:\WinSLAMM Files\WI_Res and Other Urban Dec06.std
Institutional Street Delivery file name: C:\WinSLAMM Files\WI_Com Inst Indust Dec06.std
Commercial Street Delivery file name: C:\WinSLAMM Files\WI_Com Inst Indust Dec06.std
Industrial Street Delivery file name: C:\WinSLAMM Files\WI_Com Inst Indust Dec06.std
Other Urban Street Delivery file name: C:\WinSLAMM Files\WI_Res and Other Urban Dec06.std
Freeway Street Delivery file name: C:\WinSLAMM Files\Freeway Dec06.std
Apply Street Delivery Files to Adjust the After Event Load Street Dirt Mass Balance: False
Source Area PSD and Peak to Average Flow Ratio File: C:\WinSLAMM Files\NURP Source Area PSD Files.csv
Cost Data file name:
If Other Device Pollutant Load Reduction Values = 1, Off-site Pollutant Loads are Removed from Pollutant Load % Reduction calculations
Seed for random number generator: -42
Study period starting date: 01/05/69 Study period ending date: 12/31/69
Start of Winter Season: 12/06 End of Winter Season: 03/28
Model Run Start Date: 01/05/69 Model Run End Date: 12/31/69
Date of run: 12-03-2019 Time of run: 14:40:07
Total Area Modeled (acres): 4.517
Years in Model Run: 0.99

	Runoff Volume (cu ft)	Percent Runoff Volume Reduction	Particulate Solids Conc. (mg/L)	Particulate Solids Yield (lbs)	Percent Particulate Solids Reduction
Total of all Land Uses without Controls:	121689	-	164.0	1246	-
Outfall Total with Controls:	121751	-0.05%	30.75	233.7	81.24%
Annualized Total After Outfall Controls:	123442			236.9	

Pollutant	Conc. No Controls	Conc. With Controls	Conc. Units	Pollutant Yield No Controls	Pollutant Yield With Controls	Pol. Yield Units	Percent Reduction
Particulate Solids	164.0	30.75	mg/L	1246	233.7	lbs	81.24 %
Particulate Phosphorus	0.4336	0.07829	mg/L	3.294	0.5952	lbs	81.93 %

APPENDIX 5

GEOTECHNICAL REPORT





Butler Engineering, Inc.

Soil Testing • Engineering & Safety Consulting • Safety Training

June 3, 2019

Infinity Development
6090 S Rosetree Pass
New Berlin, WI 53151

Attn: Greg Petroski

Subject: WDNR Infiltration Testing
SW¼, S27, T5N, R18E
Village of Mukwonago, Waukesha Co., WI

Dear Mr. Petroski,

We have completed soil testing for storm water infiltration at the above referenced site. Our report and conclusions regarding storm water infiltration are as follows:

Site Description

The proposed site is located on the south side of CTH "LO" east of CTH "I". The property is bordered by the Mukwonago River to the south, undeveloped land to the east and west, and residential properties to the north.

The USDA soil map for Milwaukee and Waukesha Counties indicates that the soils on the site include Fox and Drummer Series Soils.

Subsurface Exploration

Soil boring pits were made as requested. Boring pits were made with an excavator on May 28, 2019. Soils were classified in accordance with the USDA soil classification system.

(Borings 6 and 7)

Free water was observed at sixteen (16) and twenty (20) inches below surface grade (bsg). High and low chroma mottling was observed immediately below the topsoil in Boring 6 and at fourteen (14) inches bsg in Boring 7.

Infinity Development
WDNR Infiltration Testing
June 3, 2019
Pg 2 of 2

Conclusions

Infiltration of storm water is not feasible in the area of these borings. Evidence of perched groundwater was found in Borings 6 and 7, including high and low chroma mottling, reduced background matrix coloring, and free water. Seasonal High Groundwater in borings 6 and 7 ranges from zero (0) to fourteen (14) inches below surface grade (b.s.g.). These areas are excluded from meeting the infiltration requirements because the separation distance between the bottom of the infiltration system would be less than the minimum separation called for in paragraph NR 151.12 (5)(c) 5.e. As a result, soils in borings 6 and 7 are exempt.

If you have any questions or concerns, please call at (262) 650-2000.

Sincerely,

A handwritten signature in black ink, appearing to be 'H. Butler', followed by a long horizontal line extending to the right.

Harry Butler, P.E.
Butler Engineering Inc.

cc: Aaron Koch, Pinnacle Engineering Group via email

Form A - Seasonal High Groundwater Determination Report

Project/Plat Name: Infinity Development Date: 5/28/19
 Project Location (PLS/CSM#): SW1/4, S27, T5N,R18E

The following table summarizes my interpretation of the soil profile evaluations conducted on the above noted site. The purpose of this report is to demonstrate compliance with a Waukesha County ordinance requirement to maintain basement floor elevations at least 1 foot above the seasonal high water table. I understand that the definition for seasonal high water table means the upper limit of the zone of soil saturation caused by underlying groundwater at its highest level. I certify that the information presented in this report represents my best professional judgment in estimating seasonal high water table based on soil and site evaluations in accordance with the procedures contained in Chapter SPS 385 Wisconsin Administrative Code.

Interpreters Signature: 
 Interpreters Printed Name/Credentials/Lic. #: Harry Butler, 222742

Interpreters Company Name/Address: Butler Engineering Inc. N679 Tamarack Rd. Palmyra, WI
 Site Benchmark/Elevation (Co. Stds.):

References: 1) Soil Repot SBD - 8330 (R 4/15) 2) Waukesha County Soils Map

Lot #	Soil Observ. (#)	Surface Elev. (NGVD 29)	Bottom Elev. of Soil Profile	Soil Map Unit Symbol (NRCS)	Elevation of Seasonal High Water Table	Depth to Seasonal High Water Table (Feet)	Proposed Basement Floor Elevation	Notes: List information used to determine seasonal high water table, including any soil color pattern exemptions under SPS 385.30(3) for a basement floor proposed less than 1-foot above redoximorphic features shown in the referenced soil evaluation reports.
	B1	805.2	797.7	FoB	803.5	1.75	804.5	
	B2	803.4	797.4	FoB	801.1	2.3	802.3	
	B3	801.2	794.2	FoB	799.5	1.75	800.5	
	B4	798.8	794.8	FoB	798.8	0	799.8	
	B5	799.8	795.8	Dt	798.3	1.5	799.3	
	B8	799.4	794.8	FoB	798.0	1.4	799.0	

SOIL EVALUATION REPORT

In accordance with SPS 385, Wis. Adm. Code
Attach complete site plan on paper not less than 8 1/2 x 11 inches in size. Plan must include, but not limited to: vertical and horizontal reference point (BM), direction and percent slope, scale or dimensions, north arrow, and location and distance to nearest road.

Please print all information

Personal information you provide may be used for secondary purposes (Privacy Law, s. 15.04(1)(m)).

Property Owner Infinity Development C/O Greg Petroski				Property Location SW 1/4, S27, T5N, R18E			
Property Owner's Mailing Address 6090 S Rosetree Pass				Lot #	Block#	Subd. Name or CSM# Metes and Bounds	
City New Berlin	State WI	Zip Code 53151	Phone Number 414 688 8911	Municipality: Village of Mukwonago		Nearest Road: CTH "LO"	
☐ New Construction Use: ☐ Residential/Number of Bedrooms: _____ Code derived design flow rate: _____ GPD ☐ Replacement ☐ Public or Commercial - Describe: _____ Parent Material: _____							
General Comments & Recommendations:							

B1	Boring #	☐ Boring	Ground Surface Elev.: 805.2 ft.	Depth to Limiting Factor: 21 in.
		☒ Pit		

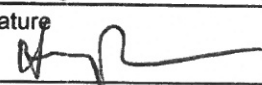
Horizon	Depth (In.)	Dominant Color	Redox Description (Qu.Az.Cont.Color)	Texture	Structure (Gr. Sz. Sh.)	Consistence	Boundary	Roots	GPD/Ft. ²	
									*Eff#1	*Eff#2
1	0 - 11	7.5 YR 3/2	none	sl	2vfsbk	mfr	cs	1vf	0.6	1.0
2	11 - 21	7.5 YR 4/6	none	scl	2fsbk	mfr	cs	1vf	0.4	0.6
3	21 - 70	7.5 YR 6/3	f2d 10 YR 5/8	grs	0sg	ml	as	1vf	0.7	1.6
4	70 - 90	7.5 YR 6/2	f2d 10 YR 5/8	sil	0m				0.0	0.2
Water observed seeping at 28".										

B2	Boring #	☐ Boring	Ground Surface Elev.: 803.4 ft.	Depth to Limiting Factor: 28 in.
		☒ Pit		

Horizon	Depth (In.)	Dominant Color	Redox Description (Qu.Az.Cont.Color)	Texture	Structure (Gr. Sz. Sh.)	Consistence	Boundary	Roots	GPD/Ft. ²	
									*Eff#1	*Eff#2
1	0 - 14	7.5 YR 3/2	none	sl	2vfsbk	mfr	cs	1vf	0.6	1.0
2	14 - 28	7.5 YR 4/6	none	scl	2fsbk	mfr	cs	1vf	0.4	0.6
3	28 - 50	7.5 YR 4/4	m2d 10 YR 5/8	grsl	1fsbk	mfr	as	1vf	0.4	0.6
4	50 - 72	7.5 YR 6/3	none	grs	0sg	ml			0.7	1.6
Water observed seeping at 28".										

*Effluent #1 = BOD, > 30 ≤ 220 mg/L and TSS > 30 ≤ 150 mg/L

*Effluent #2 = BOD, > 30 ≤ 220 mg/L and TSS > 30 ≤ 150 mg/L

CST Name (Please Print) Harry Butler, P.E.	Signature 	CST Number 222742
Address N679 Tamarack Rd. Palmyra, WI 53156	Date Evaluation Conducted 5/28/2019	Telephone Number (262) 650 - 2000

County:	Waukesha
Parcel ID:	0

B3	Boring #	☐ Boring	Ground Surface Elev.: 801.2 ft.	Depth to Limiting Factor: 21 in.
		☒ Pit		

Horizon	Depth (In.)	Dominant Color	Redox Description (Qu.Az.Cont.Color)	Texture	Structure (Gr. Sz. Sh.)	Consistence	Boundary	Roots	GPD/Ft. ²	
									*Eff#1	*Eff#2
1	0 - 9	7.5 YR 3/2	none	sl	2vfsbk	mfr	cs	1vf	0.6	1.0
2	9 - 21	7.5 YR 4/6	none	scl	2fsbk	mfr	cs	1vf	0.4	0.6
3	21 - 39	7.5 YR 6/4	m2d 10 YR 5/8	grs	0sg	mfr	gs	1vf	0.4	0.6
4	39 - 60	7.5 YR 6/3	m2d 10 YR 5/8	grs	0sg	ml	as		0.7	1.6
5	60 - 84	7.5 YR 6/2	m2p 10 YR 5/8	sil	0m				0.0	0.2
			Water observed seeping at 21".							
			24" - 30" 10 bpi							

B4	Boring #	☐ Boring	Ground Surface Elev.: 798.8 ft.	Depth to Limiting Factor: 0 in.
		☒ Pit		

Horizon	Depth (In.)	Dominant Color	Redox Description (Qu.Az.Cont.Color)	Texture	Structure (Gr. Sz. Sh.)	Consistence	Boundary	Roots	GPD/Ft. ²	
									*Eff#1	*Eff#2
1	0 - 10	7.5 YR 3/1	none	sl	2vfsbk	mfr	cs	1vf	0.6	1.0
2	10 - 12	7.5 YR 4/4	f2d 10 YR 5/8	sl	1fsbk	mfr	cs	1vf	0.4	0.6
3	12 - 24	7.5 YR 5/6	m2p 10 YR 5/8, 6/2	grsl	1fsbk	mfr	as	1vf	0.4	0.6
4	24 - 48	7.5 YR 5/4	none	grs	0sg	ml			0.7	1.6
			Water observed seeping at 14".							

B5	Boring #	☐ Boring	Ground Surface Elev.: 799.8 ft.	Depth to Limiting Factor: 18 in.
		☒ Pit		

Horizon	Depth (In.)	Dominant Color	Redox Description (Qu.Az.Cont.Color)	Texture	Structure (Gr. Sz. Sh.)	Consistence	Boundary	Roots	GPD/Ft. ²	
									*Eff#1	*Eff#2
1	0 - 13	7.5 YR 3/1	none	sil	2vfsbk	mfr	cs	1vf	0.6	0.8
2	13 - 18	7.5 YR 4/4	none	grsl	1fsbk	mfr	cs	1vf	0.4	0.6
3	18 - 30	7.5 YR 6/4	m2p 10 YR 5/8	grls	1fsbk	mfr	as	1vf	0.4	0.6
4	30 - 48	7.5 YR 5/8	m2p 10 YR 6/2	vfsi	0m	ml			0.7	1.6
			Water observed seeping at 20".							

*Effluent #1 = BOD, > 30 ≤ 220 mg/L and TSS > 30 ≤ 150 mg/L

*Effluent #2 = BOD, > 30 ≤ 220 mg/L and TSS > 30 ≤ 150 mg/L

County:	Waukesha
Parcel ID:	0

B6	Boring #	☐	Boring	Ground Surface Elev.: <u>797.3</u> ft.	Depth to Limiting Factor: <u>0</u> in.
		☒	Pit		

Horizon	Depth (In.)	Dominant Color	Redox Description (Qu.Az.Cont.Color)	Texture	Structure (Gr. Sz. Sh.)	Consistence	Boundary	Roots	GPD/Ft. ²	
									*Eff#1	*Eff#2
1	0 - 10	7.5 YR 3/1	none	sil	2vfsbk	mfr	cs	1vf	0.6	0.8
2	10 - 16	7.5 YR 5/4	m2d 10YR 5/8, 6/2	grsl	1fsbk	mfr	cs	1vf	0.4	0.6
3	16 - 30	7.5 YR 5/3	m2p 10 YR 5/8	grs	1fsbk	mfr	as	1vf	0.7	1.6
4	30 - 42	7.5 YR 6/8	none	grs	0sg	ml	as		0.7	1.6
5	42 - 72	7.5 YR 5/8	m2d 10 YR 6/2	sil	0m				0.0	0.0
			Water observed seeping at 16".							

B7	Boring #	☐	Boring	Ground Surface Elev.: <u>794.3</u> ft.	Depth to Limiting Factor: <u>14</u> in.
		☒	Pit		

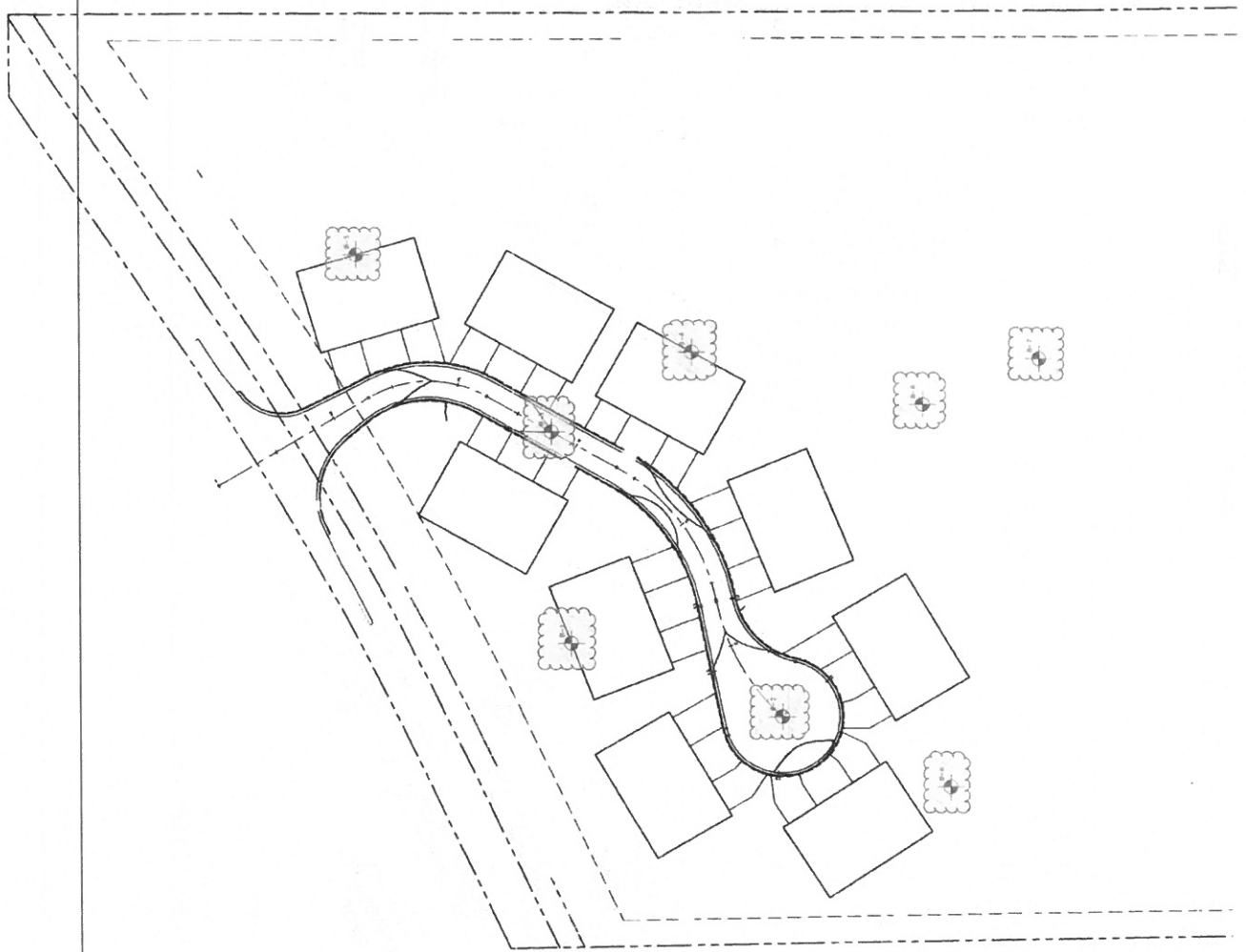
Horizon	Depth (In.)	Dominant Color	Redox Description (Qu.Az.Cont.Color)	Texture	Structure (Gr. Sz. Sh.)	Consistence	Boundary	Roots	GPD/Ft. ²	
									*Eff#1	*Eff#2
1	0 - 9	7.5 YR 3/1	none	l	2vfsbk	mfr	cs	1vf	0.6	0.8
2	9 - 14	7.5 YR 4/3	none	cl	1fsbk	mfr	cs	1vf	0.4	0.6
3	14 - 20	7.5 YR 5/4	f2d 10 YR 5/8, 6/2	scl	1fsbk	mfr	as	1vf	0.4	0.6
4	20 - 60	7.5 YR 6/3	none	grs	0m	ml			0.7	1.6
			Water observed seeping at 20".							
			Roots to 38".							

B8	Boring #	☐	Boring	Ground Surface Elev.: <u>799.4</u> ft.	Depth to Limiting Factor: <u>17</u> in.
		☒	Pit		

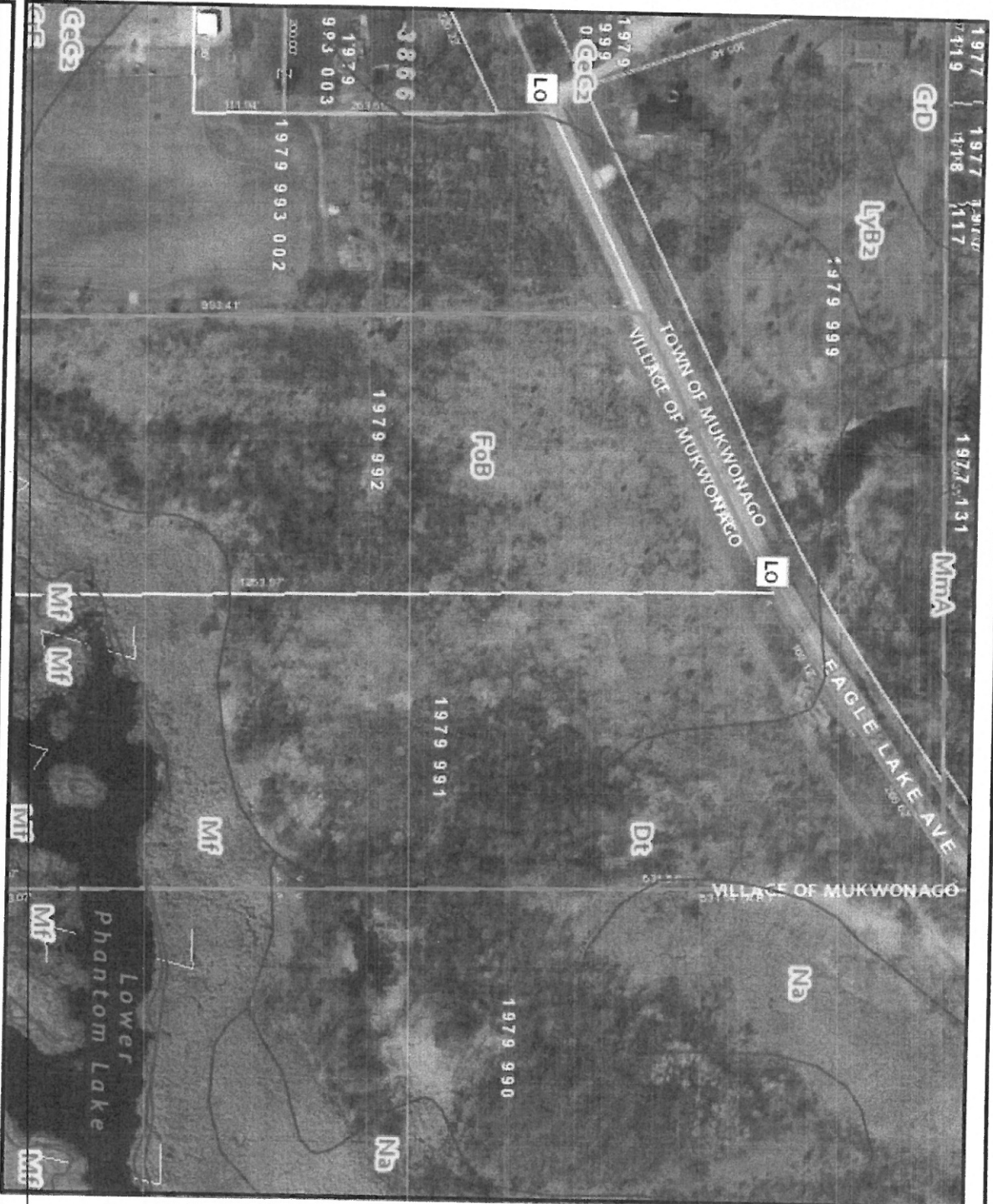
Horizon	Depth (In.)	Dominant Color	Redox Description (Qu.Az.Cont.Color)	Texture	Structure (Gr. Sz. Sh.)	Consistence	Boundary	Roots	GPD/Ft. ²	
									*Eff#1	*Eff#2
1	0 - 11	7.5 YR 3/2	none	sl	2vfsbk	mfr	cs	1vf	0.6	1.0
2	11 - 17	7.5 YR 4/4	none	grcl	1fsbk	mfr	cs	1vf	0.2	0.3
3	17 - 24	7.5 YR 6/4	m2p 10 YR 5/8	grscl	1fsbk	mfr	as	1vf	0.2	0.3
4	24 - 55	7.5 YR 5/3	m2p 10 YR 5/8	sicl	0m	ml			0.0	0.0
			Water observed seeping at 24".							

*Effluent #1 = BOD, > 30 ≤ 220 mg/L and TSS > 30 ≤ 150 mg/L

*Effluent #2 = BOD, > 30 ≤ 220 mg/L and TSS > 30 ≤ 150 mg/L



Waukesha County GIS Map



Legend

- ☐ Parcels
☐ Plats
☐ Retired Parcels
☐ Retired Plats
☐ Soils

0	187.35	Feet
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The information and depictions herein are for informational purposes and Waushara County specifically disclaims accuracy in this reproduction and specifically admonishes and advises that if specific and precise accuracy is required, the same should be determined from the original source.

Notes:

Printed: 6/3/2019



APPENDIX 6

STORM SEWER CALCULATIONS





STORM SEWER COMPUTATIONS
FOR
Phantom Lake Preserves
MUKWONAGO, WISCONSIN

DESIGN DATA																		
County: Waukesha			10 yr		Storm Duration:		DESIGN INTENSITY (I):			5.28 in/hr		Intensity calculated using SEWRPC IDF equations.						
STRUCTURE DATA			DRAINAGE AREA AND FLOW DATA				PIPE DATA			PIPE CAPACITY INFORMATION								
			Flow is determined by Rational Method							Pipe capacity is determined by Manning's Equation								
			Q = CIA							Q = 1.486/n AR ^{2.63} S ^{1/2}								
Pipe Run	Upstream Structure	Downstream Structure	Individual Acres A	Individual Coefficient C	Individual Flow Q (cfs)	Cumulative Flow (cfs)	Length (ft)	Diameter (in)	Slope (%)	Manning Coefficient	Required Drop (ft)	Actual Drop (ft)	Percent Full (%)	Actual Velocity (fps)	Max. Capacity (cfs)	ELEVATIONS		
																Rim/Toc Up	Invert Up	Invert Down
	ES-3.1	CB-3.2	0.19	0.38	0.37	0.37	16.00	10	0.50	0.013	0.00	0.08	29%	2.33	1.67	803.03	798.73	798.65
	CB-3.2	CB-3.3	0.11	0.48	0.29	0.66	83.14	10	0.50	0.013	0.08	0.42	44%	2.73	1.67	804.64	798.65	798.23
	CB-3.3	CB-3.5	0.16	0.81	0.68	1.96	92.24	12	1.00	0.013	0.28	0.92	54%	3.63	4.81	801.25	798.23	797.31
	CB-3.5	CB-3.6	0.08	0.30	0.12	2.08	117.40	15	0.50	0.013	0.12	0.59	47%	3.63	4.91	803.51	797.31	796.72
	CB-3.6	CB-3.0	0.07	0.90	0.31	2.39	95.86	15	0.50	0.013	0.13	0.48	52%	3.77	4.91	802.03	796.72	796.24
	CB-3.0	CB-4.0	0.32	0.82	1.39	3.78	8.00	15	0.75	0.013	0.03	0.06	63%	4.90	6.02	802.87	796.24	796.18
	CB-4.0	ES-5.0/ POND	0.36	0.84	1.58	10.91	136.79	24	0.50	0.013	0.32	0.68	63%	5.48	17.21	802.93	796.18	795.50
	CB-1.1	CB 10	0.26	0.45	0.61	0.61	78.27	10	1.00	0.013	0.06	0.78	33%	3.45	2.36	802.00	797.37	796.59
	CB-1.0	CB-2.0	0.41	0.78	1.69	2.30	8.00	12	1.00	0.013	0.03	0.08	61%	4.82	3.83	802.91	796.59	796.51
	CB-2.1	CB-2.0	0.40	0.45	1.42	1.42	69.23	10	1.25	0.013	0.29	0.87	56%	4.65	2.63	801.79	797.37	796.51
	CB-2.0	CB-4.0	0.24	0.83	1.53	5.24	26.00	18	1.25	0.013	0.06	0.33	46%	6.46	12.63	802.91	796.51	796.18
	CB-3.4	CB-3.5	0.26	0.45	0.61	0.61	67.89	10	1.00	0.013	0.05	0.68	33%	3.45	2.36	802.50	797.99	797.31
	CB-4.1	CB-4.2	0.09	0.43	0.20	0.20	111.50	10	1.00	0.013	0.01	1.12	15%	2.50	2.36	803.13	798.36	797.25
	CB-4.2	CB-4.0	0.07	0.30	0.11	0.31	106.25	10	1.00	0.013	0.02	1.06	20%	2.84	2.36	802.57	797.25	796.18
	ES 11	ES 10	0.09	0.30	0.14	0.14	91.00	12	1.10	0.013	0.00	1.00	8%	2.27	4.02	803.00	803.00	802.00



PINNACLE ENGINEERING GROUP
Plan | Design | Deliver
www.pinnacle-engr.com

STORM SEWER COMPUTATIONS
FOR
Phantom Lake Preserves
MUKWONAGO, WISCONSIN

SHEET 1 OF 1
DESIGN BY: MRG
PROJECT NUMBER: 1578.00
DATE: 10/16/2019

County: Waukegan			Design Storm: 100 yr		Storm Duration: 10 min		DESIGN DATA			DESIGN INTENSITY (i): 7.85 in/hr			Intensity calculated using SEWRPC IDF equations.							
STRUCTURE DATA			DRAINAGE AREA AND FLOW DATA					PIPE DATA					PIPE CAPACITY INFORMATION					ELEVATIONS		
Pipe Run	Upstream Structure	Downstream Structure	Individual Acres A	Individual Coefficient C	Individual Flow Q (cfs)	Cumulative Flow (cfs)	Length (ft)	Diameter (in)	Slope (%)	Manning Coefficient	Required Drop (ft)	Actual Drop (ft)	Percent Full (%)	Actual Velocity (fps)	Max. Capacity (cfs)	Rim/Toc Up	Invert Up	Invert Down		
	ES-3.1	CB-3.2	0.19	0.38	0.55	0.55	16.00	10	0.50	0.013	0.01	0.08	39%	2.60	1.67	803.03	798.73	798.65		
	CB-3.2	CB-3.3	0.11	0.48	0.43	0.98	83.14	10	0.50	0.013	0.17	0.42	60%	3.01	1.67	804.64	798.65	798.23		
	CB-3.3	CB-3.5	0.16	0.81	1.02	2.91	92.24	12	1.00	0.013	0.52	0.92	73%	5.06	3.83	801.25	798.23	797.31		
	CB-3.5	CB-3.6	0.08	0.30	0.18	3.09	117.40	15	0.50	0.013	0.27	0.59	63%	4.00	4.91	803.51	797.31	796.72		
	CB-3.6	CB-3.0	0.07	0.90	0.46	3.56	95.86	15	0.50	0.013	0.29	0.48	70%	4.11	4.91	802.03	796.72	796.24		
	CB-3.0	CB-4.0	0.32	0.82	2.06	5.62	8.00	15	0.75	0.013	0.06	0.08	88%	5.20	6.02	802.87	796.24	796.18		
	CB-4.0	ES-5.0/POND	0.36	0.84	2.35	14.79	136.79	24	0.50	0.013	0.58	0.68	81%	5.78	17.21	802.93	796.18	795.50		
	CB-1.1	CB-10	0.26	0.45	0.91	0.91	78.27	10	1.00	0.013	0.14	0.78	44%	3.83	2.36	802.00	797.37	796.59		
	CB-2.0	CB-2.0	0.41	0.78	2.51	3.42	8.00	12	1.00	0.013	0.07	0.08	84%	5.17	3.83	802.91	796.59	796.51		
	CB-2.1	CB-2.0	0.40	0.45	1.42	1.42	69.23	10	1.25	0.013	0.29	0.87	56%	4.65	2.63	801.79	797.37	796.51		
	CB-2.0	CB-4.0	0.24	0.83	1.53	6.36	26.00	18	1.25	0.013	0.10	0.33	53%	6.78	12.63	802.91	796.51	796.18		
	CB-3.4	CB-3.5	0.26	0.45	0.91	0.91	67.89	10	1.00	0.013	0.12	0.68	44%	3.83	2.36	802.50	797.99	797.31		
	CB-4.1	CB-4.2	0.09	0.43	0.30	0.30	111.50	10	1.00	0.013	0.02	1.12	19%	2.80	2.36	803.13	798.36	797.25		
	CB-4.2	CB-4.0	0.07	0.30	0.16	0.46	106.25	10	1.00	0.013	0.05	1.06	26%	3.18	2.36	802.57	797.25	796.18		
	ES 11	ES 10	0.09	0.30	0.21	0.21	91.00	12	1.10	0.013	0.00	1.00	10%	2.56	4.02	803.00	803.00	802.00		

INLET CAPACITY FOR PHANTOM LAKES PRESERVE

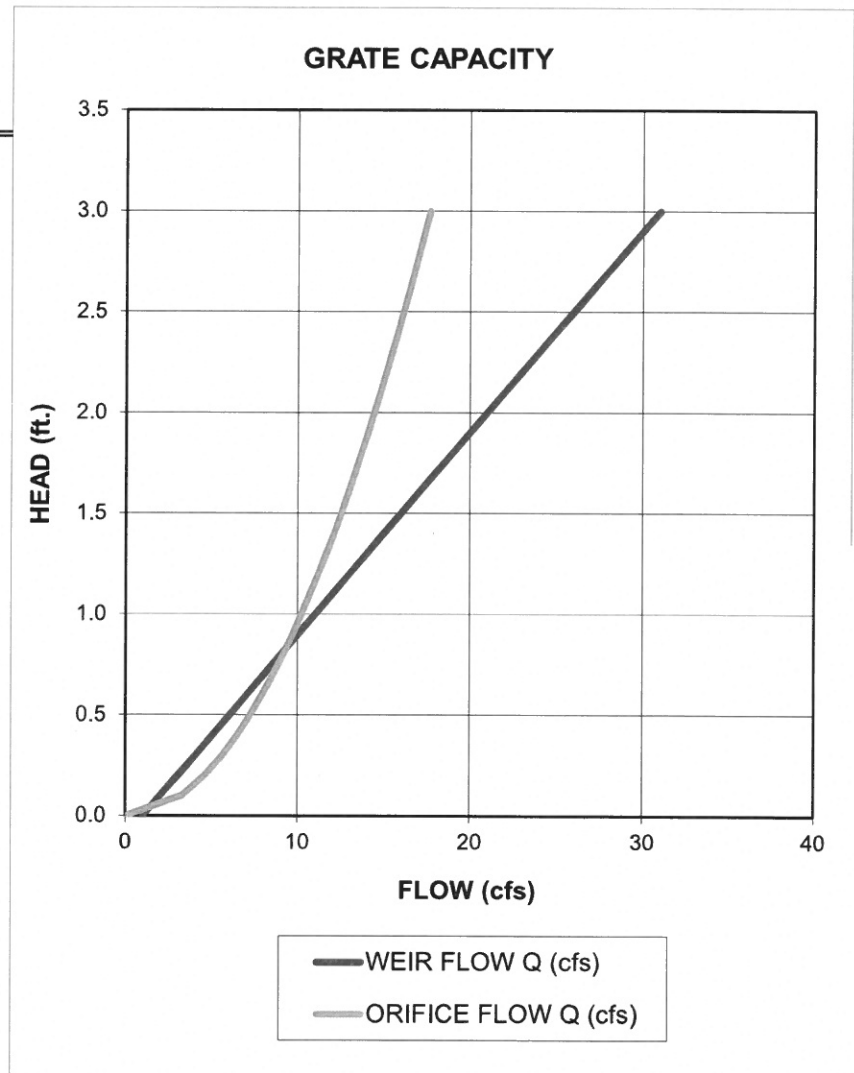


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DESIGN BY: MRG
PROJECT NUMBER: 1578.00
DATE: 10/16/2019

NEENAH GRATE NUMBER: R-3228-BC
INLET LENGTH OR PERIMETER: 8.5 ft.
GRATE OPEN END AREA: 1.9 sf.

HEAD H (ft.)	WEIR FLOW Q (cfs)	ORIFICE FLOW Q (cfs)
0.0	0.00	0.00
0.1	0.90	3.23
0.2	2.53	4.57
0.3	4.65	5.59
0.4	7.16	6.46
0.5	10.01	7.22
0.6	13.15	7.91
0.7	16.58	8.54
0.8	20.25	9.13
0.9	24.17	9.69
1.0	28.31	10.21
1.1	32.66	10.71
1.2	37.21	11.18
1.3	41.95	11.64
1.4	46.89	12.08
1.5	52.00	12.50
1.6	57.29	12.91
1.7	62.74	13.31
1.8	68.36	13.70
1.9	74.13	14.07
2.0	80.06	14.44
2.1	86.14	14.79
2.2	92.36	15.14
2.3	98.73	15.48
2.4	105.24	15.82
2.5	111.89	16.14
2.6	118.67	16.46
2.7	125.58	16.78
2.8	132.62	17.08
2.9	139.78	17.39
3.0	147.08	17.68



Weir flow controls until a head of 0.361 feet is reached, where orifice flow takes over and controls. The flow at this transition is less efficient than what is indicated by either the weir or orifice flow equations. A flow of 20% less than the equated flow is a conservative estimate.

INLET CAPACITY - SUMP CONDITION FOR PHANTOM LAKES PRESERVE



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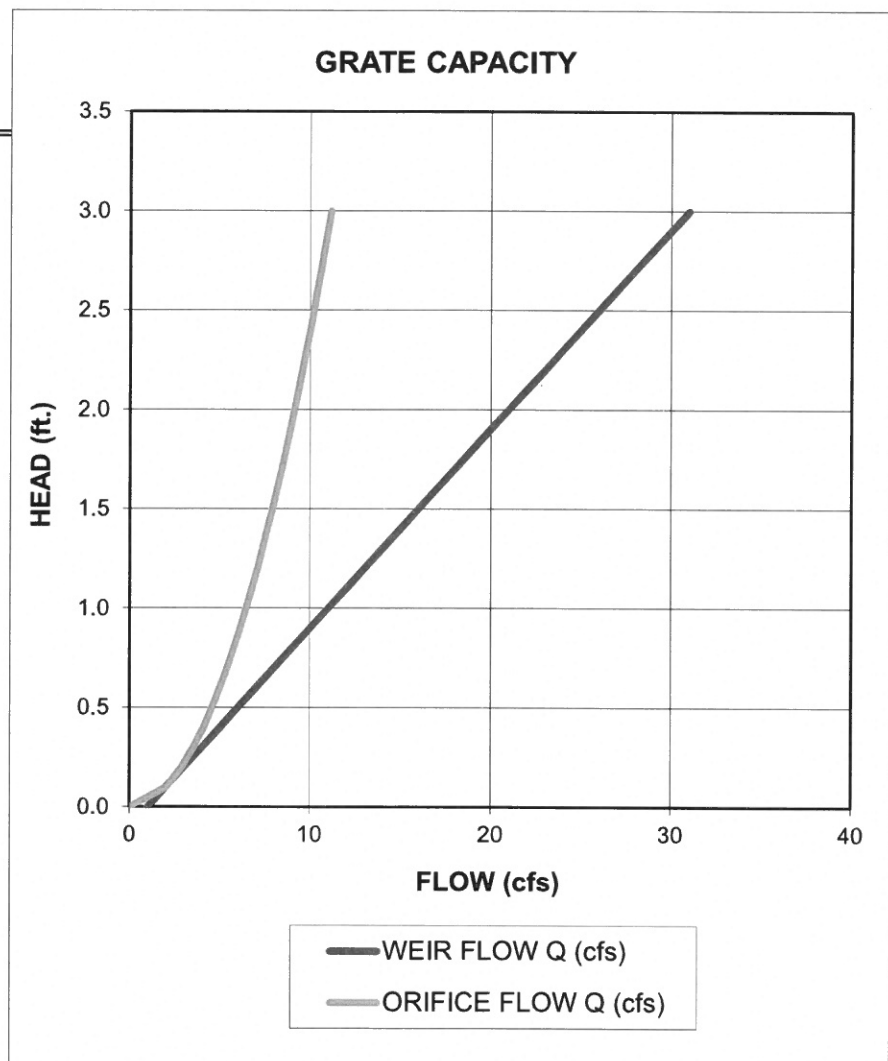
DESIGN BY: MRG

PROJECT NUMBER: 1578.00

DATE: 10/16/2019

NEENAH GRATE NUMBER: R-2560-D3 BEEHIVE GRATE
INLET LENGTH OR PERIMETER: 5.8 ft.
GRATE OPEN END AREA: 1.2 sf.

HEAD H (ft.)	WEIR FLOW Q (cfs)	ORIFICE FLOW Q (cfs)
0.0	0.00	0.00
0.1	0.61	2.04
0.2	1.73	2.88
0.3	3.17	3.53
0.4	4.89	4.08
0.5	6.83	4.56
0.6	8.98	4.99
0.7	11.31	5.39
0.8	13.82	5.77
0.9	16.49	6.12
1.0	19.31	6.45
1.1	22.28	6.76
1.2	25.39	7.06
1.3	28.63	7.35
1.4	31.99	7.63
1.5	35.48	7.90
1.6	39.09	8.16
1.7	42.81	8.41
1.8	46.64	8.65
1.9	50.58	8.89
2.0	54.63	9.12
2.1	58.78	9.34
2.2	63.02	9.56
2.3	67.37	9.78
2.4	71.81	9.99
2.5	76.35	10.20
2.6	80.97	10.40
2.7	85.69	10.60
2.8	90.49	10.79
2.9	95.38	10.98
3.0	100.36	11.17



Weir flow controls until a head of 0.334 feet is reached, where orifice flow takes over and controls. The flow at this transition is less efficient than what is indicated by either the weir or orifice flow equations. A flow of 20% less than the equated flow is a conservative estimate.

**INLET CALCULATIONS
 FOR
 PHANTOM LAKES PRESERVE**

SHEET: 1 OF 1
 BY: MRG
 10/16/2019

Structure	Individual Flow (cfs)	Inlet Type	Max Head (ft)	Max Inlet Capacity (cfs)
CB-2.1	1.23	R-2560-D3	0.50	4.56
CB-3.4	0.61	R-2560-D3	0.50	4.56
CB-3.4	0.61	R-2560-D3	0.50	4.56
CB-3.5	0.12	R-2560-D3	0.50	4.56
CB-3.6	0.09	R-2560-D3	0.50	4.56
CB-4.1	0.20	R-2560-D3	0.50	4.56
CB-4.2	0.11	R-2560-D3	0.50	4.56
CB-1.0	0.38	R-3228-BC	0.50	7.22
CB-2.0	1.53	R-3228-BC	0.50	7.22
CB-3.0	1.14	R-3228-BC	0.50	7.22
CB-3.2	1.69	R-3228-BC	0.50	7.22
CB-3.3	0.68	R-3228-BC	0.50	7.22
CB-4.0	1.58	R-3228-BC	0.50	7.22

APPENDIX 7

SEDIMENT BASIN CALCULATIONS



SEDIMENT BASIN DESIGN FOR PHANTOM LAKES PRESERVE



PINNACLE ENGINEERING GROUP

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DESIGN BY: CMB

PROJECT NUMBER: 1578.00

DATE: 10/16/2019

Per DNR Technical Standard 1064 Section V.B. - Sizing Criteria

1. Treatment Surface Area

Requirement:

$$S_a = 1.2 * (Q_{out} / V_s)$$

Where:

S_a = Treatment surface area measures at the lowest outlet invert (sq ft)

Q_{out} = Peak Outflow (cfs) during the 1-yr, 24 hour storm

V_s = Particle Settling Velocity (ft/sec)

V_s varies Soil Class 1 $V_s = 1.2 * 10^{-3}$ ft/sec

Applies to sand, loamy sand, and sandy loams

Soil Class 2 $V_s = 7.3 * 10^{-5}$ ft/sec

Applies to loam, silt, and silt loam

Soil Class 3 $V_s = 1.2 * 10^{-5}$ ft/sec

Applies to loamy clay, silty clay, and clay

Actual Design:

Select a Soil Class (1,2, or 3)

2

Input 1-year Outflow

0.13 cfs

Actual Surface Area

7738 sf

Diameter of Orifice

2 in

Minimum Required Surface Area 2137 sf

Actual surface area is greater than the minimum required, therefore treatment surface area requirement is met.

2. Depth of Dead Storage

Requirement:

A minimum depth of five feet from the normal water elevation to the bottom of the basin shall be provided.

Actual Design:

5 ft

3. Active Storage Volume

Requirement:

The active storage volume is based on pond routing. The routed peak discharge will not exceed Q_{out} .

4. Shape

Requirement:

The length:width ratio shall be maximized with a goal of 3:1 or greater.

Actual Design:

3

:1 ratio is provided in the actual design, therefore the width:depth ratio requirement is met.

Per DNR Technical Standard 1064 Section V.C. - Embankments

All standards listed in this section are met and shown on the design and details.

Per DNR Technical Standard 1064 Section V.D. - Outlet

1. Timing

The outlet will be constructed at the time of the basin construction

2. Principal Outlet

Requirement:

The principal outlet shall safely pass the 2-year, 24-hour event.

Actual Design:

The 2-year water surface is designed at

3.13

feet below the top of berm, therefore the principal

outlet safety requirement is met.

3. Overflow Spillway

Requirement:

The spillway shall be designed to carry the peak rate of runoff expected from a 10-year, 24-hour storm event.

The top of embankment shall be a minimum of one foot above the 10-year water surface.

Actual Design:

The 10-year water surface is designed at

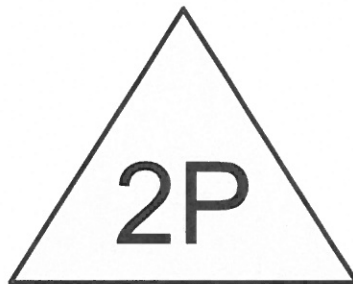
2.62

feet below the top of berm, therefore the overflow

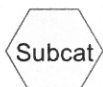
spillway safety requirement is met.



TO POND



CONCEPT POND



Routing Diagram for 1578.00 HYDROCAD CONCEPT-SED BASIN
Prepared by Pinnacle Engineering Group, Printed 10/14/2019
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1578.00 HYDROCAD CONCEPT-SED BASIN*MSE 24-hr 3 1-Year Rainfall=2.40"*

Prepared by Pinnacle Engineering Group

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Page 1

Time span=0.00-24.00 hrs, dt=0.05 hrs, 481 points

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN

Reach routing by Stor-Ind+Trans method - Pond routing by Stor-Ind method

SubcatchmentA1: TO PONDRunoff Area=4.285 ac 49.36% Impervious Runoff Depth>1.16"
Flow Length=195' Tc=12.9 min CN=86 Runoff=6.88 cfs 0.415 af**Pond 2P: CONCEPT POND**Peak Elev=797.06' Storage=13,836 cf Inflow=6.88 cfs 0.415 af
Primary=0.13 cfs 0.123 af Secondary=0.00 cfs 0.000 af Outflow=0.13 cfs 0.123 af

1578.00 HYDROCAD CONCEPT-SED BASIN*MSE 24-hr 3 2-Year Rainfall=2.70"*

Prepared by Pinnacle Engineering Group

Printed 10/14/2019

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Page 2

Time span=0.00-24.00 hrs, dt=0.05 hrs, 481 points

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN

Reach routing by Stor-Ind+Trans method - Pond routing by Stor-Ind method

SubcatchmentA1: TO PONDRunoff Area=4.285 ac 49.36% Impervious Runoff Depth>1.41"
Flow Length=195' Tc=12.9 min CN=86 Runoff=8.35 cfs 0.503 af**Pond 2P: CONCEPT POND**Peak Elev=797.37' Storage=17,103 cf Inflow=8.35 cfs 0.503 af
Primary=0.14 cfs 0.137 af Secondary=0.00 cfs 0.000 af Outflow=0.14 cfs 0.137 af

1578.00 HYDROCAD CONCEPT-SED BASIN*MSE 24-hr 3 10-Year Rainfall=3.81"*

Prepared by Pinnacle Engineering Group

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Page 3

Time span=0.00-24.00 hrs, dt=0.05 hrs, 481 points
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN
Reach routing by Stor-Ind+Trans method - Pond routing by Stor-Ind method

SubcatchmentA1: TO POND

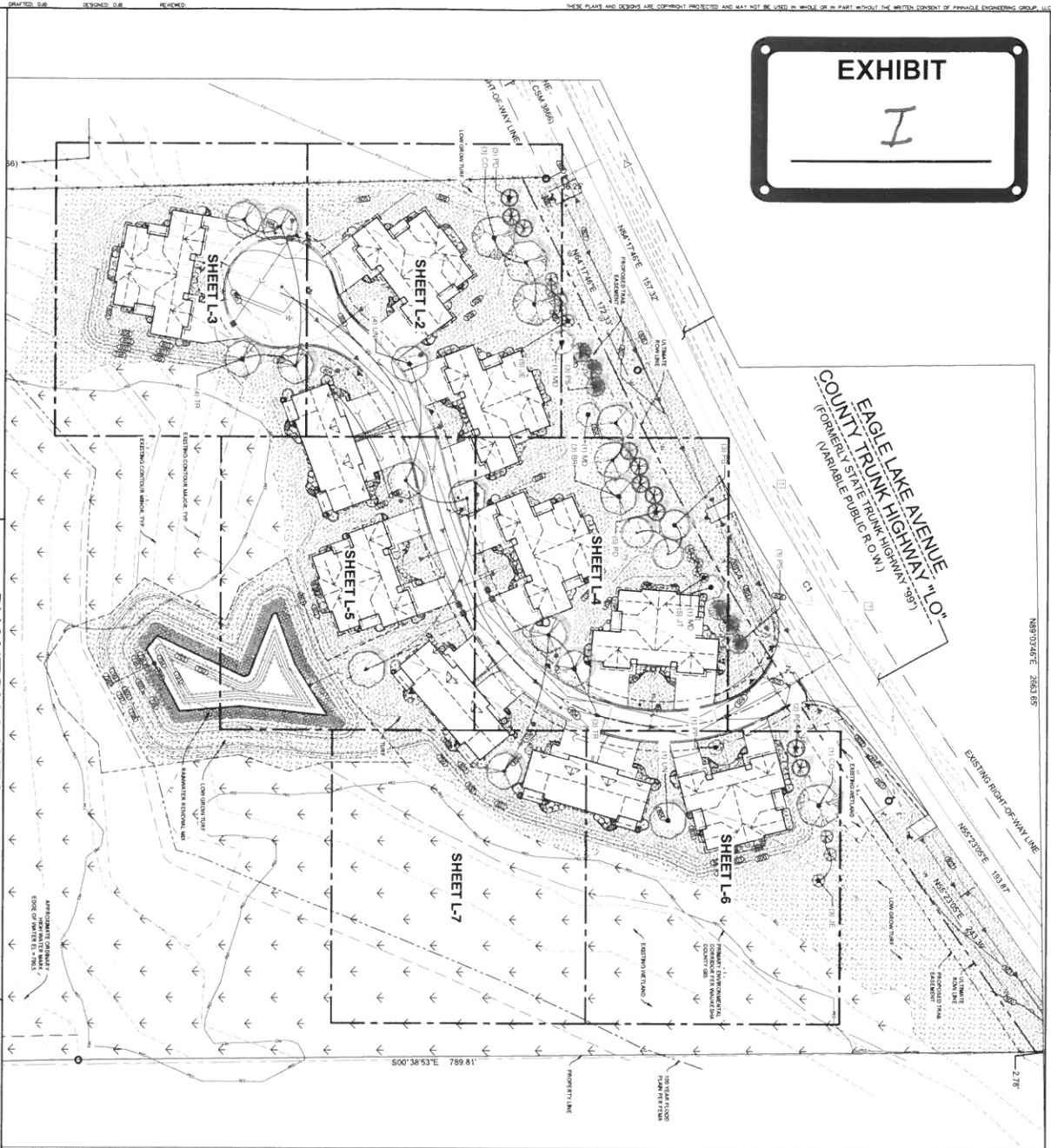
Runoff Area=4.285 ac 49.36% Impervious Runoff Depth>2.37"
Flow Length=195' Tc=12.9 min CN=86 Runoff=13.96 cfs 0.847 af

Pond 2P: CONCEPT POND

Peak Elev=797.88' Storage=22,631 cf Inflow=13.96 cfs 0.847 af
Primary=1.57 cfs 0.455 af Secondary=0.00 cfs 0.000 af Outflow=1.57 cfs 0.455 af

APPENDIX 8 STORM WATER MAINTENANCE AGREEMENT





SHEET INDEX

SHEET

DESCRIPTION

L-1 OVERALL TREE & SEEDLING PLAN

L-2 ENLARGED LANDSCAPE PLAN

L-3 ENLARGED LANDSCAPE PLAN

L-4 ENLARGED LANDSCAPE PLAN

L-5 ENLARGED LANDSCAPE PLAN

L-6 ENLARGED LANDSCAPE PLAN

L-7 ENLARGED LANDSCAPE PLAN

L-8 PLANTING DETAILS

IN ANOTHER VOLUME

PLANT SCHEDULE

[illegible]

Being a part of the Southwest 1/4 and Northwest 1/4 of the Southwest 1/4 Section 27,
Township 5 North, Range 18 East, Village of Mukwonago, Waukesha County, Wisconsin



CERTIFIED SURVEY MAP NO. _____

Being a part of the Southwest 1/4 and Northwest 1/4 of the Southwest 1/4 Section 27,
Township 5 North, Range 18 East, Village of Mukwonago, Waukesha County, Wisconsin



DECEMBER 3, 2019

Tax Key Numbers:
MUKV1979991
MUKV1979992

OUTLOT 8
MINOR'S HOMESTEAD
ADDITION NO. 2

NORTH LINE OF THE SW 1/4 SEC. 27, T5N, R18E
N89°03'46"E 2663.65'

EAGLE LAKE AVENUE
COUNTY TRUNK
HIGHWAY "LO"

CENTERLINE
(R) N65°15'15"E
CSM 3866

(FORMERLY STATE
TRUNK HIGHWAY "99")
(VARIABLE PUBLIC R.O.W.)

LOT 1

2' ABOVE 100 YEAR
FLOOD PLAIN
EL.=797.2

APPROXIMATE ORDINARY
HIGH WATER MARK &
EDGE OF WATER EL.=790.5

WETLANDS DELINEATED
BY HEARTLAND
ECOLOGICAL GROUP INC.
MAY 2019

S89°14'11"W 1330.70'
SOUTH LINE OF THE NORTHWEST 1/4
OF THE SW 1/4 SEC. 27, T5N, R18E

NORTH LINE OF THE SOUTHWEST 1/4
OF THE SW 1/4 SEC. 27, T5N, R18E

LEGEND:

- - Denotes Found 1" Iron Pipe
- - Denotes Set 3/4" X 18" Iron Rebar, 1.5 LBS./FT.
- ⊙ - Denotes Soil Boring Test Pit
- (R) - Denotes "Recorded As"

N89°03'46"E

62.29'

P.O.B.

N55°23'05"E

235.29'

N55°23'05"E

18.64'

15'

S46°59'03"W

95.00'

WETLAND

100 YEAR FLOOD PLAIN PER FEMA EL.=795.2

PRIMARY ENVIRONMENTAL CORRIDOR PER WAUKESHA COUNTY GIS

100 YEAR FLOOD PLAIN PER FEMA EL.=795.2

789.81'

S00°38'53"E

716.17'

15'

S14°10'04"W

615.00'

MEANDER LINE

S58°52'37"W

110.00'

S78°30'11"W

260.00'

N75°23'30"W

135.00'

MEANDER LINE

N01°14'24"W

993.41'

563.48'

100 YEAR FLOOD PLAIN PER FEMA EL.=795.2

PRIMARY ENVIRONMENTAL CORRIDOR PER WAUKESHA COUNTY GIS

UNPLATTED LANDS

TAX KEY

#MUKT1979993002

OWNER: MOVORICH

UNPLATTED LANDS

TAX KEY

#MUKT1979990

OWNER: PETERSEN-BARTH, GROH & MOVORICH

UNPLATTED LANDS

TAX KEY

#MUKT1979993002

OWNER: MOVORICH

UNPLATTED LANDS

TAX KEY

#MUKT1979993002

OWNER: MOVORICH

UNPLATTED LANDS

TAX KEY

#MUKT1979993002

OWNER: MOVORICH

UNPLATTED LANDS

TAX KEY

#MUKT1979993002

OWNER: MOVORICH

UNPLATTED LANDS

TAX KEY

#MUKT1979990

OWNER:

PETERSEN-BARTH,

GROH & MOVORICH

UNPLATTED LANDS

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OWNER: MOVORICH

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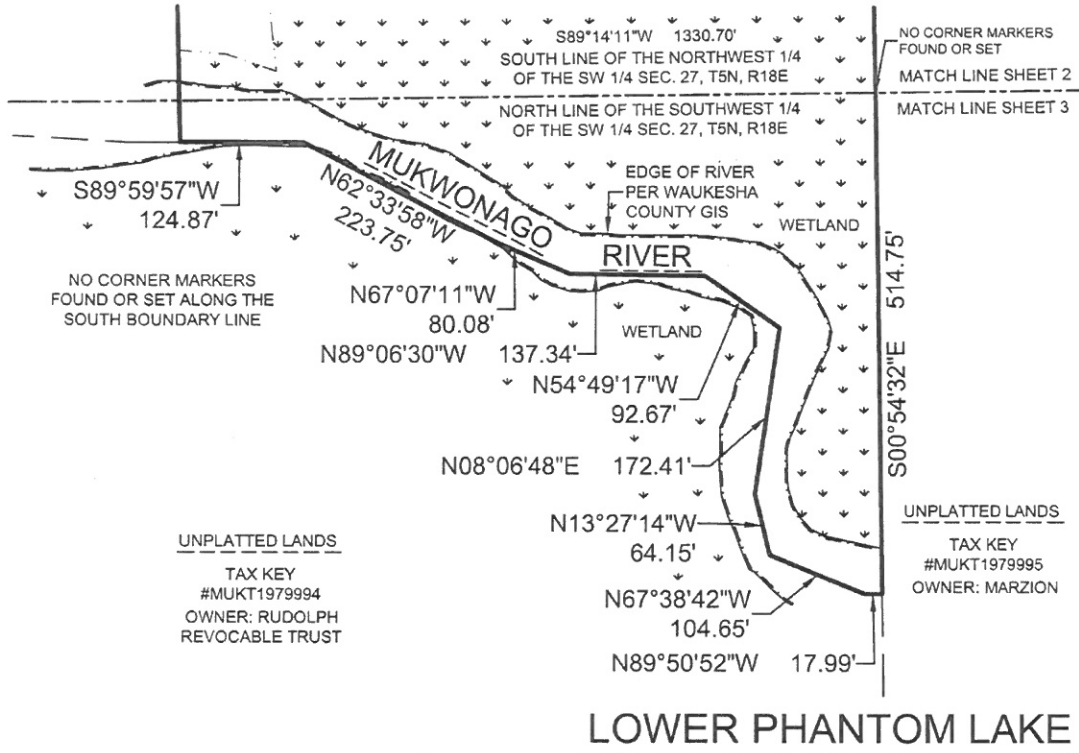
UNPLATTED LANDS

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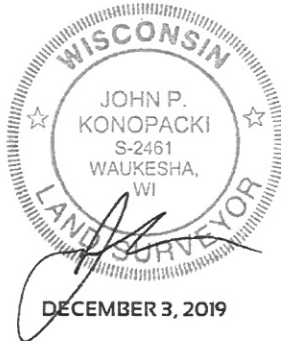
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CERTIFIED SURVEY MAP NO. _____

Being a part of the Southwest 1/4 and Northwest 1/4 of the Southwest 1/4 Section 27,
Township 5 North, Range 18 East, Village of Mukwonago, Waukesha County, Wisconsin

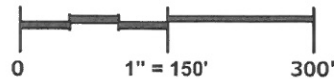


LOWER PHANTOM LAKE



- LEGEND:**
- - Denotes Found 1" Iron Pipe
 - - Denotes Set 3/4" X 18" Iron Rebar, 1.5 LBS./FT.
 - ⊙ - Denotes Soil Boring Test Pit
 - (R) - Denotes "Recorded As"

GRAPHICAL SCALE (FEET)



CURVE TABLE

CURVE NO.	LENGTH	RADIUS	DELTA	CHORD BEARING	CHORD LENGTH	TANGENT IN	TANGENT OUT
C1	398.79'	2564.05'	008°54'41"	N59°50'26"E	398.39'	N64°17'46"E	N55°23'05"E
C2	406.57'	2614.05'	008°54'41"	N59°50'26"E	406.16'	N64°17'46"E	N55°23'05"E

Prepared By:
PINNACLE ENGINEERING GROUP
20725 WATERTOWN ROAD | SUITE 100
BROOKFIELD, WI 53186
OFFICE: (262) 754-8888

This instrument drafted by John P. Konopacki, PLS-License No. S-2461

PEG JOB#1578.00
SHEET 3 OF 6

CERTIFIED SURVEY MAP NO. _____

Being a part of the Southwest 1/4 and Northwest 1/4 of the Southwest 1/4 Section 27,
Township 5 North, Range 18 East, Village of Mukwonago, Waukesha County, Wisconsin

SURVEYOR'S CERTIFICATE

STATE OF WISCONSIN)
WAUKESHA COUNTY) SS

I, John P. Konopacki, Professional Land Surveyor,
do hereby certify:

That I have surveyed, mapped and divided that part
of the Southwest 1/4 and Northwest 1/4 of the
Southwest 1/4 Section 27, Township 5 North,
Range 18 East, Village of Mukwonago, Waukesha
County, Wisconsin, described as follows:

Commencing at the northwest corner of the
Southwest 1/4 of said Section 27;
Thence North 89°03'46" East along the north line
of said Southwest 1/4, 1269.53 feet to the centerline
of Eagle Lake Avenue - County Trunk Highway "LO"
and the Point of Beginning;

Thence continuing North 89°03'46" East along said north line, said line also being the south
line of Minors Homestead Addition No. 2, a recorded subdivision, 62.29 feet;
Thence South 00°38'53" East, 789.81 feet to a found 1" iron pipe;
Thence South 01°17'48" East, 531.09 feet to the north line of the Southwest 1/4 of the Southwest 1/4 of said Section 27;
Thence South 00°54'32" East along the east line of the said Southwest 1/4 of the Southwest 1/4, 514.75 feet;
Thence North 89°50'52" West, 17.99 feet;
Thence North 67°38'42" West, 104.65 feet;
Thence North 13°27'14" West, 64.15 feet;
Thence North 08°06'48" East, 172.41 feet;
Thence North 54°49'17" West, 92.67 feet;
Thence North 89°06'30" West, 137.34 feet;
Thence North 67°07'11" West, 80.08 feet;
Thence North 62°33'58" West, 223.75 feet;
Thence South 89°59'57" West, 124.87 feet;
Thence North 01°14'24" West, 993.41 feet to the aforesaid centerline of Eagle Lake Avenue - County Trunk Highway "LO";
Thence North 64°17'46" East along said centerline, 157.32 feet to a point of curvature;
Thence northeasterly 398.79 feet along the arc of said curve to the left and said centerline, whose radius is 2564.05 feet
and whose chord bears North 59°50'26" East, 398.39 feet;
Thence North 55°23'05" East, 193.87 feet to the Point of Beginning.

Dedicating the northwesterly portion of subject property as graphically shown for public right of way purposes.

Containing 939,620 square feet (21.5707 acres) of land Gross and 899,742 square feet (20.6552 acres) of land Net more
or less.

That I have made such survey, land division and map by the direction of Phantom Lake Preserve, LLC, owner of said land.

That such plat is a correct representation of all the exterior boundaries of the land surveyed and the land division thereof
made.

That I have fully complied with the requirements of Chapter 236 of the Wisconsin State Statutes and the Village of
Mukwonago in surveying, mapping and dividing the land with in the certified survey map.

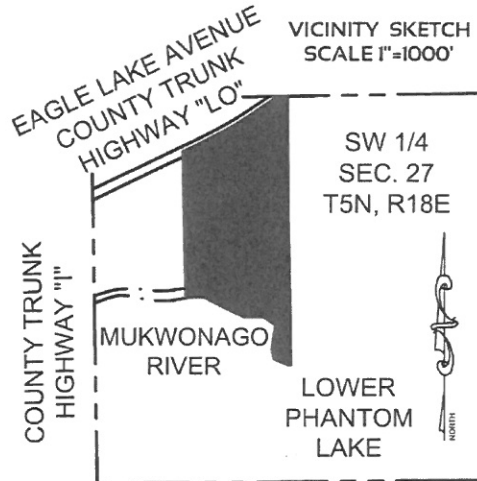
John P. Konopacki
Professional Land Surveyor S-2461

Date: DECEMBER 3, 2019



Prepared By:
PINNACLE ENGINEERING GROUP
20725 WATERTOWN ROAD | SUITE 100
BROOKFIELD, WI 53186
OFFICE: (262) 754-8888

This instrument drafted by John P. Konopacki, PLS-License No. S-2461



Prepared for:
Phantom Lake Preserve, LLC
W15657394 Quitewood Drive
Muskego, WI 53150

PEG JOB#1578.00
SHEET 4 OF 6

CERTIFIED SURVEY MAP NO. _____

Being a part of the Southwest 1/4 and Northwest 1/4 of the Southwest 1/4 Section 27,
Township 5 North, Range 18 East, Village of Mukwonago, Waukesha County, Wisconsin

OWNER'S CERTIFICATE OF DEDICATION

Phantom Lake Preserve, LLC, a Limited Liability Company duly organized and existing under and by virtue of the laws of the State of Wisconsin, as owner, does hereby certify that said limited liability company caused the land described on this certified survey map to be surveyed, divided, mapped and dedicated as represented on this certified survey map.

Phantom Lake Preserve, LLC, as owner, does further certify that this certified survey map is required by Chapter 236 of the Wisconsin State Statutes to be submitted to the following for approval or objection:

1. Village of Mukwonago

IN WITNESS WHEREOF, the said Phantom Lake Preserve, LLC has caused these presents to be signed by Jeff Tekaver, Member and Tammy Tekaver, Member, at (city) Greendale, Waukesha County, Wisconsin, on this 2nd day of January, 2020.

In the presence of: Phantom Lake Preserve, LLC

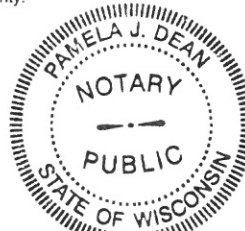
Jeff Tekaver
Jeff Tekaver, Member

Tammy Tekaver
Tammy Tekaver, Member

STATE OF WISCONSIN)
Waukesha COUNTY) SS

Personally came before me this 2nd day of January, 2020, Jeff Tekaver, Member and Tammy Tekaver, Member of the above named limited liability company, to me known to be the persons who executed the foregoing instrument, and to me known to be such Members of said limited liability company, and acknowledged that they executed the foregoing instrument as such officer as the deed of said limited liability, by its authority.

Pamela J. Dean
Notary Public
Name: Pamela J. Dean
State of Wisconsin, Waukesha County
My Commission Expires: 11/13/2022



CONSENT OF CORPORATE MORTGAGEE

_____, a corporation duly organized and existing under and by virtue of the laws of the State of Wisconsin, mortgagee of the above described land, does hereby consent to the surveying, dividing, mapping and dedication of the land described in the forgoing affidavit of John P. Konopacki, surveyor, and does hereby consent to the above certification of owners.

IN WITNESS WHEREOF, the said _____, has caused these presents to be signed by _____, its President, and its corporate seal to be hereunto affixed this _____ day of _____, 20____.

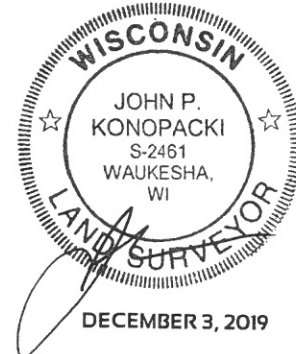
Date President

STATE OF WISCONSIN)

COUNTY) SS

Personally came before me this _____ day of _____, 20____, _____, to me known to be the person who executed the foregoing instrument and to me known to be such officer of said corporation and acknowledged the same.

Notary Public
Name: _____
State of Wisconsin
My Commission Expires: _____



Prepared By:
PINNACLE ENGINEERING GROUP
20725 WATERTOWN ROAD | SUITE 100
BROOKFIELD, WI 53186
OFFICE: (262) 754-8888

This instrument drafted by John P. Konopacki, PLS-License No. S-2461

PEG JOB#1578.00
SHEET 5 OF 6

CERTIFIED SURVEY MAP NO. _____

Being a part of the Southwest 1/4 and Northwest 1/4 of the Southwest 1/4 Section 27,
Township 5 North, Range 18 East, Village of Mukwonago, Waukesha County, Wisconsin

PLAN COMMISSION APPROVAL

Approved by the Plan Commission of the Village of Mukwonago on this 10 day of December, 2019

12/30/2019
Date

Fred Winchowsky
Chairman

12/30/2019
Date

Paula Gowdoun
Secretary

VILLAGE BOARD APPROVAL

Approved by the Village Board of the Village of Mukwonago, Wisconsin, on this 12 day of December, 2019

12/30/2019
Date

Fred Winchowsky
Fred Winchowsky, Village President

12/30/2019
Date

Diana Dykstra
Diana Dykstra, Village Clerk-Treasurer

NOTES:

- All measurements have been made to the nearest one-hundredth of a foot.
- All angular measurements have been made to the nearest one second.
- Flood Zone Classification: The property lies with in Zone "X", Zone "AE" and FLOODWAY of the Flood Insurance Rate Map Community Panel No. 55133C0426G with an effective date of NOVEMBER 5, 2014. Zone "X" areas are determined to be outside the 0.2% annual chance floodplain. Zone "AE" have Base Flood Elevations determined.
- Vertical Datum: National Geodetic Vertical Datum of 1929 (NGVD29). Contours are shown at a 1' interval based on actual ground survey of the current ground terrain. Reference Benchmark Concrete monument with brass cap at the northwest corner of the Southwest 1/4 Section 27, Town 5 North, Range 18 East, Elevation = 824.21.
- Any land below the ordinary high water mark of a lake or a navigable stream is subject to the public trust in navigable waters that is established under article IX, section 1, of the state constitution.
- Right of Way widths and locations are based on Certified Survey Map No. 3866, the recorded plat of Minor's Homestead Addition No. 1 and surveys of record.
- Bearings referenced to the Wisconsin State Plane Coordinate System, South Zone (N.A.D. 1927). The north line of the Southwest 1/4 of Section 27, Township 5 North, Range 18 East has a bearing of N89°03'46"E.



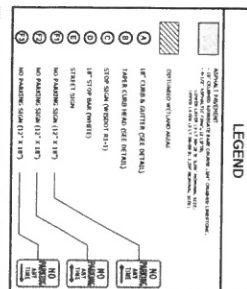
DECEMBER 3, 2019

Prepared By:
PINNACLE ENGINEERING GROUP
20725 WATERTOWN ROAD | SUITE 100
BROOKFIELD, WI 53186
OFFICE: (262) 754-8888

This instrument drafted by John P. Konopacki, PLS-License No. S-2461

PEG JOB#1578.00
SHEET 6 OF 6

"Phasing Map"



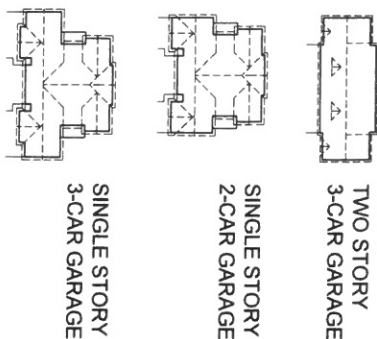
EXISTING CONDITIONS SURVEY

EXISTING CONDITIONS SURVEY PROVIDED BY PRIMA-LE INSURANCE CO. INC., ALTHOUGH IT WAS NO REASON TO BELIEVE THE SURVEY IS INADEQUATE, IT IS WORTH NO REWARD THAT EXISTING PROBLEMS NOT DISCLOSED WITHIN THEIR PLANS IS ALSO INCLUDING ON ACCOUNT, CONSTRUCTION SHALL OBTAIN NECESSARY EFFORTS TO VERIFY THE EXISTING CONDITIONS PRIOR TO THE START OF MATERIAL PROCUREMENT AND CONSTRUCTION EFFORTS/ACTIVITIES.

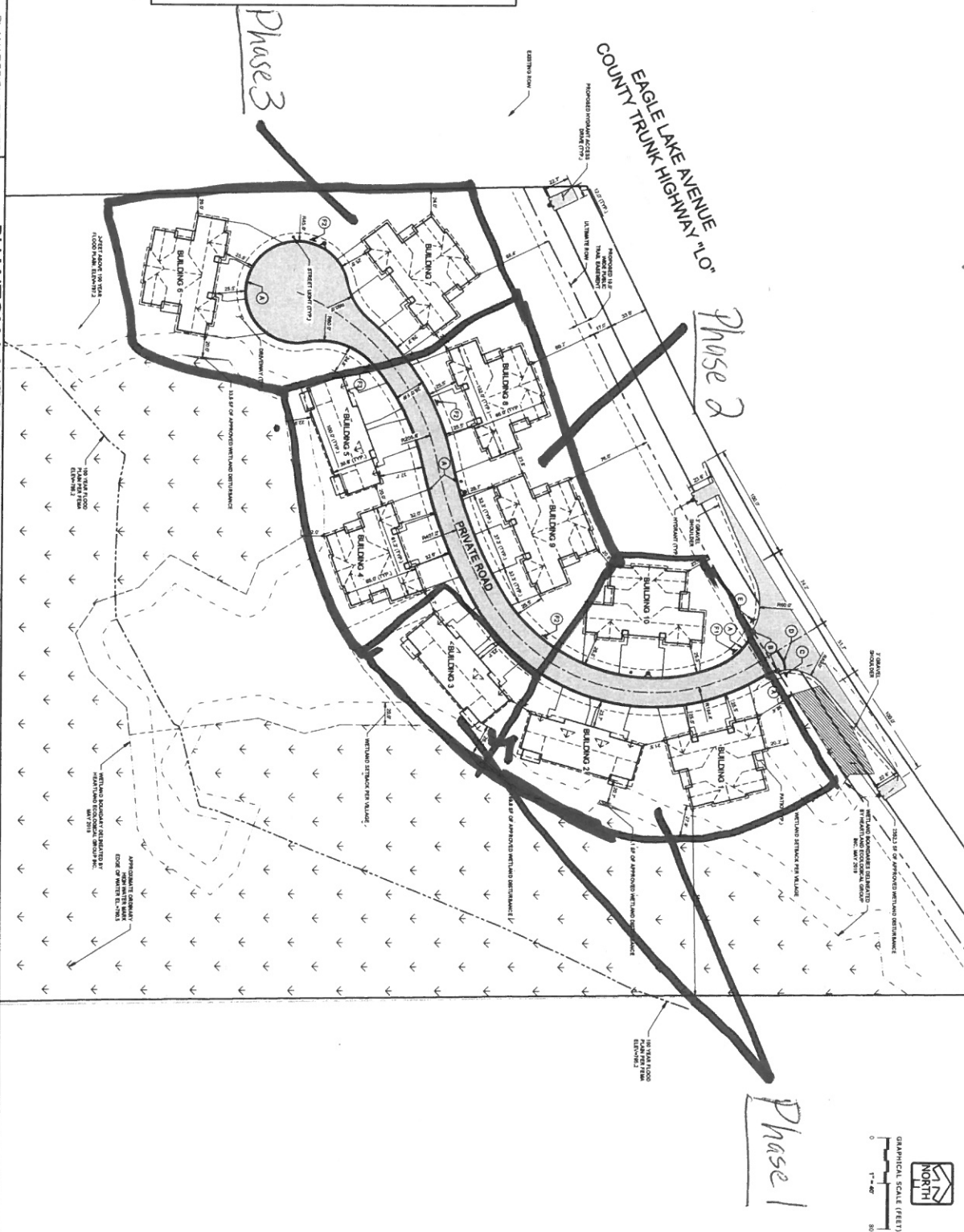
SITE DATA

SITE AREA:	913,722 S.F./20.98 AC
ZONING CLASSIFICATION:	MUD OVERLAY
BUILDING FOOTPRINT AREA:	43,473 S.F./1.00 AC
IMPERVIOUS SPACE:	92,774 S.F./2.13 AC/ 10.2%
GREEN SPACE:	820,948 S.F./18.85 AC/89.8%

ALL WORK WITHIN PUBLIC R.O.W.
SHALL CONFORM TO THE VILLAGE OF
MUKWONAGO & WAUKESHA COUNTY
STANDARDS.



NOTE: WETLAND DISTURBANCE SHOWN HEREON APPROVED PER USACE PERMIT MUP-2019-01575-NMU AND WDNR PERMIT GP-SE-2019-68-02238.



PINNACLE ENGINEERING GROUP
ENGINEERING | MANUFACTURE | PROJECT MANAGEMENT

PLAN | DESIGN | DELIVER

PHANTOM LAKES PRESERVE

SITE DIMENSIONAL AND

REVISIONS

C3.0
or
TBD

AGENDA ITEM REQUEST FORM

Committee/Board:	Village Board
Topic:	Motion to approve Developer's request for the reimbursement of the Lift Station and stabilizing of the saturated soil conditions with Super Products, LLC.
From:	Diana Dykstra
Department:	Administration
Presenter:	Jerad Wegner
Date of Committee Action (if required)	
Date of Village Board Action (if required)	

Information

Subject:

Motion to approve Developer's request for the reimbursement of the Lift Station and stabilizing of the saturated soil conditions with Super Products, LLC.

Background Information/Rationale:
Key Issues for Consideration:
Fiscal Impact (if any):
Requested Action by Committee/Board:

Attachments

Super Products Lime Stabilization



Village of Mukwonago

AGENDA ITEM REQUEST FORM

Committee/Board:	Public Works/ Village Board
Topic:	TID #5 – Super Products Development
From:	Michael Michalski
Department:	Public Works
Presenter:	Jerad Wegner
Date of Committee Action (if required):	
Date of Village Board Action (if required):	January 15, 2020

Information

Subject: The Village of Mukwonago had entered into a Developer Agreement with Super Product, LLC which was recorded with Walworth County on February 8, 2019. Both Parties agreed that the Village shall reimburse the Developer for the costs associated with the Lift Station, however the reimbursement shall not exceed \$25,000.00 and with the saturated soil conditions, not to exceed \$200,000.00. Craig Wesemann from Briohn Building Corporation submitted the invoices for the Lift Station and stabilizing of the saturated soils on January 2, 2020.

Background Information/Rationale: The Village of Mukwonago Board approved the implementation and funding of the lime stabilization for the Super Product site at the June 19, 2019 Board Meeting.

Key Issues for Consideration: N/A

Fiscal Impact (If any): Invoice for the Lift Station is \$25,000.00 and the invoice for the Saturated Soil is \$149,600.00.

Total reimbursement equates to \$174,600.00

Requested Action by Committee/Board: Approve Developer's request for the reimbursement of the Lift Station and stabilizing of the saturated soil conditions.

Attachments

Saturated Soil Invoice, Lift Station Invoice, and
Recorded Developer Agreement



BRIOHN

**BUILDING
CORPORATION**

INVOICE

Invoice No.	2284.DEV.1
Date	01/02/2020

CONSTRUCTION INVOICE – 2284.DEV.1

January 2, 2020

VILLAGE OF MUKWONAGO

440 River Credit Ct
Mukwonago, WI 53149

Re: Super Products Corporation – Developer Guaranty Agreement
“Agreement” – Section 1.10 – Saturated Soils

Briohn Building Corporation provided services for the soil conditions encountered at Lot 1, CSM No. 4773 “Property” located in the Village of Mukwonago, Wisconsin per the Agreement dated January 11, 2019.

Soil Condition Work performed by Wind Lake
Grading and Landscaping, Inc. (see attached): \$ 136,000.00
ADD: 10 % for Project Management and Overhead 13,600.00

CURRENT AMOUNT DUE: \$149,600.00

Payment Terms: Net 30 Days

The undersigned contractor hereby swears under penalty of perjury that (1) all previous progress payments under the contract referred to above have been applied by the undersigned to discharge in full all obligation of the undersigned incurred in connection with the work, and (2) all materials and equipment incorporated in said project of otherwise in or covered by this application for payment are free and clear of all liens, claims, security interest and encumbrances.

Briohn Building Corporation



Craig A. Wesemann, CPA
Chief Financial Officer

DESIGN / BUILD
CONSTRUCTION

ARCHITECTURAL
DESIGN

DEVELOPMENT

PROPERTY
MANAGEMENT

Wind Lake Grading and Landscaping Inc.

8600 Milwaukee Avenue
Wind Lake, WI 53185

Summary**Project:**

Briohn Builders Corp.
3885 N. Brookfield Rd.
Suite 200
Brookfield, WI 53045

Description	Total
Summary of Billing (continued from Soil Condition write-up)	
6-17-2019: Lime, West half of building- 3 lifts, due to poor soils	18,000.00
6-26-2019: Undercut West building line due to poor soils, 2 lifts of lime to grade	8,000.00
7-10-2019: East floor slab poor soil, needed to be stabilized as water was encountered in soil. Problem fixed with two lifts of lime	8,000.00
7-09-2019: In the area where soils were placed in North parking lot & topsoil stock area the year before, it was more cost effective to lime and disc the area and remove 4' of topsoil left from pile.	12,500.00
7-08-2019: Removal of buried topsoil in entire West drive at depth of 11-12 feet	10,000.00
4 Days of removal	
345 Cat Backhoe	
3 Volvo haul Trucks	18,000.00
D6K Cat	8,000.00
7-15-2019: Where soils were removed liming and discing of base to control water. 3 Lifts of soil and lime to achieve hard bottom	18,000.00
7-20-2019: Replace soils in the entire West Drive and some parking in the North	0.00
5 Days	
2 627 Cat Scrappers	20,000.00
D6k Cat	8,000.00
1 Cat Compactor	7,500.00
Waukesha County Sales Tax	0.00
Total	\$136,000.00

Soil Conditions- Super Products

- Per CGC, testing soils on North-West half of site had fill placed which did not have a passing test in 2018.
- Fixing of poor soils could only be accomplished with lime and many hours of discing, under- laying soils found buried topsoil at depth of 11-12 feet that had to be removed in order to stabilize the site.
- When stripping the site, it was discovered; where topsoil stockpile was placed, that there was 4 feet of topsoil left- which needed to be removed and stabilized.
- When soils were found on West drive & the building line, Tom O'Connell had a city rep out to show buried topsoil. We were then told to fix it.



BRIOHN

**BUILDING
CORPORATION**

CONSTRUCTION INVOICE – 2284.DEV.2

INVOICE

Invoice No.	2284.DEV.2
Date	01/02/2020

January 2, 2020

VILLAGE OF MUKWONAGO

440 River Credit Ct
Mukwonago, WI 53149

Re: Super Products Corporation – Developer Guaranty Agreement
“Agreement” – Section 1.9 – Sanitary Lift Station

Briohn Building Corporation provided services for the installation of a sanitary lift station for the property at Lot 1, CSM No. 4773 “Property” located in the Village of Mukwonago, Wisconsin per the Agreement dated January 11, 2019.

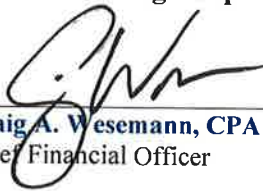
Sanitary lift station (see attached): \$ 38,500.00
LESS: Not to exceed \$25,000 per Agreement: (13,500.00)

CURRENT AMOUNT DUE: \$ 25,000.00

Payment Terms: Net 45 Days

The undersigned contractor hereby swears under penalty of perjury that (1) all previous progress payments under the contract referred to above have been applied by the undersigned to discharge in full all obligation of the undersigned incurred in connection with the work, and (2) all materials and equipment incorporated in said project of otherwise in or covered by this application for payment are free and clear of all liens, claims, security interest and encumbrances.

Briohn Building Corporation



Craig A. Wesemann, CPA
Chief Financial Officer

DESIGN / BUILD
CONSTRUCTION

ARCHITECTURAL
DESIGN

DEVELOPMENT

PROPERTY
MANAGEMENT

To: Briohn Builders

Date: 9/13/19

Project: Super Products

Attn: Mike Bryne

Cornerstone One, LLC Proposes:

The following to be furnished and professionally installed per Wisconsin State Plumbing Codes: All Storm, Sanitary, and Water **SITE UTILITIES** below grade per plan and specification dated May 8, 2014:

Cornerstone One's Proposal is based on the following inclusions and clarifications:

Lift Station

- 48" Booted Sanitary MH with frame
- 2 Submersible Pump; Barnes Pumps, Inc.
- Model 2SEV594L, 1/2 HP, 1750 RPM, 208-240 Volt, 3 Phase, 3.7/3.8 FLA
- Minimum 74 GPM @ 16' TDH, 2" Discharge, 30' Cord, 85 lbs. 1 Duplex-Alternating Control Panel
- IEC Motor Contactors
- Multi-tap Transformer
- Alternating Circuit Board
- Motor Protective Switches (Overload / Branch Circuit Protection & Pump Disconnect) 2 Incoming Power & Float Switch Terminal Blocks
- Elapsed Time Meters
- Pump Selector Switch
- Control On/Off Switch
- HOA Switches (Hand - Off - Automatic)
- Pump Run Indicator Lights
- Control/Alarm Power Indicator & Fuse
- Float Status Indicator Lights
- Three Float Operation (Stop - Lead - Lag/Alarm)
- High Water Alarm w/Auxiliary Contacts (Audio & Visual)
- Alarm Test & Silence Button
- NEMA 4X Enclosure w/Locking Latch
- UL Labeled
- 3 Control Switch; MegaMaster, External Weight, 30' Cord
- 1 Float Switch Bracket; Stainless Steel w/(3) Cord Grips
- 2 Pump Removal/Guide Rail Equipment; 2"
- Base Elbow; Cast Iron
- Pull-Out Flange; Cast Iron
- Pump Adapter, Stainless Steel
- Upper Guide Rail Support, Stainless Steel
- 4 Guide Rail Pipe; Stainless Steel, 1"x 20'
- 2 Lifting Chain; 3/16"x 23', Stainless Steel
- 2 Check Valve; 2", Brass, Swing Type, Threaded
- 2 Isolation Valve; 2", Brass, Gate Type w/Stainless Steel Extension Handle 1 Aluminum Cover; 1/4" Thick, Single Hatch, Diamond Tread Plate
- All spoils to remain on-site.

Cornerstone One's proposal is based on the following exclusions:

- All costs related to the removal and disposal of abnormal soil conditions including but not limited to; contaminated soil, unsuitable soils, bedrock, frost, abandoned structures removal and excessive ground water shall be by others
- Erosion control permit, installation, inlet protection and maintenance by others
- Exclude all line and grade staking
- All utilities shall stop five (5) feet short of the foundation wall for continuation by others unless otherwise noted
- Bid Bond, Payment and Performance bond and premium time
- One mobilization and one utility crew are included in this proposal unless otherwise noted
- Material costs are subject to change 30 days from time of proposal due to continuous market increases
- Watermain shall be installed to 12" above finished floor. All analytical testing and flushing is included.

**The above for the Net Sum of: Thirty Eight Thousand, Five Hundred Dollars 00/100-
\$38,500.00**

Thank you for this opportunity.

Terms of Payment: Cash 30 Days Net

This proposal is valid for 30 days and is subject to written acceptance without modification of terms, conditions and notices contained herein including Cornerstone One Standard Terms and Conditions which are available upon request. There are no representations, promises, warranties, agreements, or understandings not expressed herein.

By: Justin Amundson
Justin Amundson, Project Manager
Cornerstone One, LLC

Accepted by: _____
On this _____ day of _____, 20____.
Please sign and return second copy

DOCUMENT#: 982435
Recorded: 02-08-2019 at 09:37 AM
DONNA R PRUESS REG OF DEEDS
WALWORTH COUNTY, WISCONSIN
Pages: 29 Fee Amount: \$30.00

***The above recording information verifies
this document has been electronically
recorded and returned to the submitter***

Document Number

Developer Guaranty Agreement

Recording Area

Name and Return Address

Super Products LLC
17000 W Cleveland Ave
New Berlin, WI 53151

Developer Guaranty Agreement

Document Number

**ORIGINAL DOCUMENT
RECORDED ELECTRONICALLY**

Date: 2/8/19

Doc. No. 982435

Knight-Barry Title Group
www.knightbarry.com

Recording Area

Name and Return Address

Super Products LLC
17000 W Cleveland Ave
New Berlin, WI 53151

DEVELOPER GUARANTY AGREEMENT

This Developer Guaranty Agreement (the "Agreement") Agreement is made and entered into this 11th day of January, 2019 by and between the Village of Mukwonago, a Wisconsin municipal corporation (hereinafter referred to as the "Village") and Super Products Corporation, and its successors and assigns, with its principal office and place of business located at 17000 West Cleveland Avenue, New Berlin, Wisconsin, 53151, (hereinafter referred to as "Developer").

R E C I T A L S

WHEREAS, the Village and Developer have entered into a Vacant Land Offer to Purchase dated January 11, 2019 ("Purchase Agreement") for the Developer's purchase of approximately fourteen (14) acres of vacant land which is a part of the parcel known as Lot 1, Certified Survey Map No. 4773 (the "Property"), a copy of which is attached hereto and incorporated herein as Exhibit A; and

WHEREAS, the Property is part of a larger parcel of land that the Village owns and has developed into an industrial park (the "Industrial Park"); and

WHEREAS, Pursuant to Section 66.1105, Wis. Stat. (the "Tax Increment Law"), the Village has created Tax Increment District No. 5 (the "District") and approved a project plan for redevelopment within the District (the "TID Project Plan"). The boundaries of the District include all of the Industrial Park, including the Property; and

WHEREAS, Subject to the Village's providing the financial assistance set forth herein, Developer intends to acquire the Property and construct a building and other improvements on the Property (collectively the "Facility") which Developer intends to use in connection with its manufacturing business. A preliminary site plan showing projected future development of the Property is attached hereto as Exhibit B (the "Preliminary Development Plan"), which is consistent with the current zoning of the Property. The Preliminary Development Plan is also consistent with the TID Project Plan; and

WHEREAS, the projected aggregate assessed valuation for Property, when fully developed, is anticipated to be approximately \$11,000,000 (which includes the land value of \$1,190,000.00), as shown on the valuation schedule attached hereto as Exhibit C (the "Property Project Valuations"); and

WHEREAS, the District will provide reimbursement to the Village for the acquisition costs of the Industrial Park and the Village's debt service expense for the public infrastructure to serve the Industrial Park; and

WHEREAS, the parties acknowledge that the Developer's development of the Property is a material inducement for the Village in acquiring the Property and conveying it to the Developer; and

WHEREAS, the construction of the Facility would not occur without the financial assistance provided herein; and

WHEREAS, The Village, pursuant to Village Board action dated December 18, 2018, has approved the terms of this Agreement and authorized the execution of the Agreement by the proper Village officers on the Village's behalf; and

WHEREAS, it is anticipated that construction of the Facility will be completed and be ready for occupancy by January 1, 2020; and

WHEREAS, it is now necessary that the Developer and the Village enter into this Agreement to provide for the manner and method by which the Property will be developed.

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

1. Responsibilities of the Village:

1.1. The Village, at its expense, will record the Certified Survey Map ("CSM") creating the Property, which has been approved by the Developer.

1.2. The Village agrees to design and construct a roadway to serve the Property, as well as to provide sanitary sewer and water mains to the lot line of the Property at locations approved by Developer. The Village further has constructed a regional storm water management facility which serves the Property amongst others, in accordance with the Ordinances of the Village of Mukwonago, as well as applicable State of Wisconsin Administrative Code and Wisconsin Statutes. Such storm water management facility is located on property in the Industrial Park other than the Property. The Property will be subject to a Storm Water Maintenance Agreement in the standard form utilized by the Village of Mukwonago.

1.3. The Developer will cause soil borings to be performed on the Property and the Village hereby consents to same. The locations of said borings will be identified by the Developer and the cost of such soil borings shall be borne by the Developer. The Developer agrees to indemnify and hold harmless the Village, its officers, employees, agents, successors and assigns as and against any and all claims, demands, actions, liens, costs and expenses including actual attorney fees arising from the taking of said soil borings or any other testing or inspection of the Property or the actions or omissions of the Developer and/or its agents on the Property.

1.4. Prior to closing of the Property pursuant to the Purchase Agreement, the Village will remove the excess topsoil located on the Property ("Stockpile") to a location on the Village's adjacent lands in the Industrial Park (but not on the Property) as may be mutually agreeable to Developer and the Village (the "Stockpile Location"). Developer shall have the right to utilize topsoil from the Stockpile. Upon Developer's completion of the Facility, the Village shall provide a location, on the Village's adjacent lands in the Industrial Park, for Developer at its expense to place any excess topsoil from the Property but only after the Village has completed the placement of fill from its phase two construction project. The Village will advise the Developer when the site will be available for the placement of topsoil.

1.5. The Village has obtained from the Department of Transportation ("DOT") access approval to State Highway 83 for the Property. The Village shall complete construction of a public road from State Highway 83 to the Property with access to the Property at a location as shown on the

approved CSM, Exhibit A and as designated by the State of Wisconsin Department of Transportation (the "Public Road"). The Developer shall be entitled to use the Public Road for construction purposes.

1.6. The Village shall, by March 31, 2019, provide public water and sanitary sewer infrastructure to the Property line of the Property along Boxhorn Drive in a location agreed upon by Developer and the Village.

1.7. The Village agrees to convey the Property to the Developer pursuant to the terms and conditions of the Purchase Agreement. The Property is comprised of approximately fourteen (14) acres for a total purchase price of \$1.00. The closing for this purchase shall occur on or before January 31, 2019.

1.8. Except as otherwise provided in the Purchase Agreement, the Developer shall be responsible for the closing costs of the transaction, including, but not limited to, the payment of title insurance premiums and recording fees (except those required to clear title), as well as any conversion cost which might be due against the Property by virtue of its change in use from an agriculture site to a manufacturing site.

1.9. In the event that a sanitary lift station is needed, as determined by the Developer's engineer and the Village's engineer (the "Lift Station"), then the Village shall reimburse the Developer for the costs associated with the Lift Station; however the reimbursement shall not exceed \$25,000.00 (the "Lift Station Costs"). The Village shall provide to the Developer the Lift Station Costs within forty-five (45) days after Developer's submission of documentation substantiating the Lift Station Costs.

1.10. In the event that there are unsuitable and/or saturated soil conditions (saturated soil conditions shall be when soil pores are filled with water) on the Property, as determined by the Developer's engineer and the Village's engineer (the "Soil Conditions"), then the Village shall pay to the Developer all costs associated with the Soil Conditions, not to exceed Two Hundred Thousand and 00/100 Dollars (\$200,000.00)(the "Soil Condition Costs"). The Developer shall submit documentation to the Village substantiating the Soil Condition Costs ("Soil Documentation"). The Village shall pay the Soil Condition Costs to Developer within thirty (30) days after the Village receives the Soil Documentation. The Village's obligation to pay this amount shall be subject to the Developer assuming responsibility for the subgrade stabilization of the one acre area on the Property noted on the attached map Exhibit D.

2. Responsibilities of the Developer: Subject to satisfaction of the conditions set forth in this Agreement, Developer shall perform the following:

2.1. Developer and the Village and NB Lincoln, LLC (as subsequently assigned to Developer) have entered into a Purchase Agreement which provides that Developer shall purchase the Property from Village, subject to satisfaction of Developer's contingencies under the Purchase Agreement. The purchase of the Property shall occur as provided below on or before January 15, 2019.

2.2. Except for the grading work to be completed by the Village pursuant to Section 1.4 above, Developer shall be responsible for the complete civil design for all site work contained within the Property.

2.3. Developer agrees, subject to unanticipated delays, delays by the Village and force majeure, to promptly commence, diligently pursue and complete the construction of the Facility on the Property such that the total assessed value for the Property shall, by January 1, 2020 be not less than \$11,000,000.00 (which value includes the land value of \$1,190,000.00) (the "Guaranteed Tax Assessed Value"). The failure of the Developer to achieve the Guaranteed Tax Assessed Value by January 1, 2020 and thereafter maintain that value, for the balance of the term of this Agreement shall allow the Village to collect the shortfall pursuant to the guaranties referenced in this Agreement, which Guaranty Payment (as hereinafter defined) shall be deemed indebtedness of Developer to the Village.

2.4. Security for Construction Obligations. Security for Construction Obligations. To secure receipt by the Village of the annual Guaranty Payment, the Developer agrees to provide the Village with an Irrevocable Standby Letter of Credit in the initial amount of \$1,800,000.00. The Letter of Credit shall be in a form acceptable to the Village and shall be provided to the Village not later than closing of the purchase of the Property. In the event that the Developer fails to pay the Guaranty Payment during the term of this Agreement, the Village shall be entitled to submit an Affidavit of Default and Sight Draft to draw upon the Letter of Credit in the amount of the Guaranty Payment for the subject year. The amounts drawn upon the Letter of Credit by the Village will be applied to any deficiency of the Guaranty Payment by the Developer. Developer has agreed to construct a building pursuant to the plans submitted to and approved by the Village and Building Inspector and attached hereto as Exhibit E (the "Building"). Upon the earlier of (the "Termination Date") (i) the completion of construction of the Building as evidenced by the issuance of an occupancy permit by the Village Building Inspector, and confirmation by the Village Building Inspector that the work has been completed in accordance with the plans and the Village Building Code or (ii) upon Buyer's, or its successor's and assign's, payment of real estate taxes on the Property totaling Two Million Five Hundred Thousand and 00/100 Dollars (\$2,500,000.00), the Seller will release the unapplied Letter of Credit to the Buyer and the Letter of Credit shall be terminated.

2.5. Developer warrants and represents that the Property shall be owned by entities that are not exempt from real estate taxes, and that the Guaranteed Tax Assessed Value and the Guaranty Payment shall be maintained until the Termination Date. It shall be a further condition of this Agreement that ownership or occupancy of any portion of the Property may not be transferred to an entity which is exempt from real estate taxes without the prior written consent of the Village, which consent may be conditioned upon the execution by such new owner or occupant of an agreement to make payments in lieu of taxes in an amount of the then-existing non-exempt property tax assessment, multiplied by the applicable tax rate for the Village of Mukwonago. These obligations shall survive and continue until the Termination Date. In the event Developer receives an exemption from general real estate taxes prior to the Termination Date, the Village may exercise its right to require the Developer to make the Guaranty Payments as provided for under this Agreement.

2.6. Subject to force majeure, unanticipated delays, and delays caused by the Village, failure by the Developer to cause substantial and material completion of the Facility to occur pursuant to the terms, conditions and limitations of this Agreement and to fulfill its obligations, conditions, agreements or covenants under this Agreement shall constitute an event of default unless Developer makes the Guaranty Payments provided hereunder.

2.7. Guaranty Payments. In the event an event of default occurs on account of the failure to pay real estate taxes based upon the Guaranteed Tax Assessed Value for any calendar year commencing on or after January 1, 2020, then, for the calendar year in which such event occurs, the Developer shall pay the Village an amount equal to the difference between the net real estate taxes from all taxing jurisdictions that would be payable based on the Guaranteed Tax Assessed Value and the actual real estate taxes due for such calendar year (the "Guaranty Payment"). The Guaranty Payment shall be due on June 20th in the year following the applicable tax year, commencing in 2021 and shall be paid in lieu of all other taxes for such year of default. In the event that Developer fails to make one or more Guaranty Payments described herein, the parties acknowledge that the Village shall have the right, with twenty-one (21) days prior written notice, to impose special assessments or charges for any amount to which it is entitled by virtue of this Agreement and otherwise consistent with the special assessment statute, Wisconsin Statute Section 66.0701, et. seq. Developer's obligation to make Guaranty Payments hereunder shall terminate on the Termination Date.

2.8. Special Assessments. Should the Village's right to any special assessments or charges arise under Section 2.7 above, special assessment rights hereunder may be exercised pursuant to this paragraph on the Property without a hearing. Developer does hereby waive hearing on such special assessment and agrees that an assessment to cover the Village's lost tax revenue is reasonable and benefits the Property. Such special assessments or charges shall be collected in the next succeeding tax roll or as other special assessments or special charges may be. This paragraph constitutes Developer's waiver of notice and its consent to the special assessment and special charges which may be required by law to the extent of an amount equal to the then-remaining balance and any shortfall on the Guaranty Payments due under this Agreement.

2.9. The Developer agrees to work in conjunction with the Village to obtain the building use, site and architecture approvals with the Village. Developer agrees to be responsible for obtaining approval from the State DSPS for its building plans, as well as the DNR, and any required local permit submissions. Developer acknowledges that the Village's approval of this document does not necessarily indicate that other Village bodies with jurisdiction will necessarily approve the use, site and architecture of the site.

3. The parties acknowledge that the special assessment procedure noted herein is not the exclusive method of enforcement of the obligations of this Agreement, and that the Village shall be entitled to pursue those remedies which may be available to it according to law.

4. Term. The term of this Agreement shall commence upon its execution and shall continue until the Termination Date. This Agreement shall run with the land and be binding upon the successors and assigns of the parties hereto.

5. Assignment. The Developer shall be entitled to assign this Agreement to any party assuming the Developer's rights and obligations under the Purchase Agreement.

6. Default by Developer. Failure of the Developer to observe or perform any covenant, condition, obligation or agreement on its part to be observed or performed under this Agreement within thirty (30) days after receipt of written notice of default from the Village specifying such default shall be an event of default, provided that is such default cannot be cured within such thirty (30) day period, such thirty (30) period shall be extended to allow for such cure provided that Developer commences the

cure within such thirty (30) day period and diligently pursues the same. In the event that the default is such that immediate harm may result from such default, then the Developer shall be given five (5) days written notice to cure such default.

7. Remedies of Default. Whenever an event of default referred to herein occurs and is continuing, the Village may take any one or more of the following actions:

- (i) The Village may suspend its performance under this Agreement until it receives assurances from the Developer, deemed reasonably adequate by the Village, that the Developer will cure its default and continue its performance of this Agreement;
- (ii) The Village may take any action, including legal or administrative action in law or equity, which may reasonably be necessary or desirable to enforce performance and the observance of the obligations hereunder.

These remedies shall not be deemed to be exclusive and the Village shall have the right to pursue all rights or remedies available to it under applicable Wisconsin law. No delay or omission in pursuing any rights in the event of a default shall impair such right or power or shall be construed to be a waiver thereof. Such rights may be exercised from time to time as may be deemed expedient by the Village.

8. Whenever an event of default by the Developer occurs and continues beyond the applicable cure period, and the Village shall employ attorneys or incur other expenses for the collection of payments due or to become due, or for the enforcement or performance or observance of any obligations or agreements on the part of the Developer herein contained, the Developer agrees it shall, on demand thereof, pay the Village the reasonable fees of such attorneys and such other expenses so incurred by the Village.

9. Developer Indemnity. Developer covenants and agrees that the Village, its governing body, members, officers, agents, including independent contractors, consultants, legal counsel, servants and employees, hereinafter collectively referred to as the "Village Indemnified Parties" shall not be liable for and Developer agrees to jointly and severally indemnify and hold harmless the Village Indemnified Parties against (i) any loss or damage to the Property, or (ii) any injury to or death of any person occurring at the Facility and resulting from any defect in the Facility during construction, or (iii) from any costs or claim, including reasonable attorney fees, which may result from the Developer's material breach of this Agreement, including but not limited to injuries or damage arising from the construction of the Facility, including construction liens, or (iv) any claim, demand, suit, action or other proceedings whatsoever by any person or entity whatsoever arising or purportedly arising from the actions or inactions of the Developer (or other persons acting on its behalf or under its direction or control) under this Agreement or the transactions contemplated hereby, including the acquisition, construction, installation, ownership and operation of the project, except for any of the foregoing arising from the willful misrepresentation, gross negligence, or any willful or wanton misconduct of the Village Indemnified Parties, .

10. Village Indemnity. The Village covenants and agrees that the Developer, its members, officers, agents, including independent contractors, consultants, legal counsel, servants and employees, hereinafter collectively referred to as the "Developer Indemnified Parties" shall not be liable for and Village agrees to jointly and severally indemnify and hold harmless the Developer

Indemnified Parties against (i) any loss or damage to the Property, or (ii) any injury to or death of any person occurring at or about or resulting from any defect in the project, or (iii) from any costs or claim, including reasonable attorney fees, which may result from the Village's default under this Agreement, including but not limited to injuries or damage arising from the construction of the Industrial Park, including construction liens, except for any of the foregoing arising from the willful misrepresentation or any willful wanton misconduct of the Developer Indemnified Parties, the Village agrees to protect and defend the Developer Indemnified Parties now and forever and further agrees to hold the aforesaid Developer Indemnified Parties harmless from any claim, demand, suit, action or other proceedings whatsoever by any person or entity whatsoever arising or purportedly arising from the actions or inactions of the Village (or other persons acting on its behalf or under its direction or control) under this Agreement or the transactions contemplated hereby or the acquisition, construction, installation, ownership and operation of the project. Notwithstanding the foregoing, nothing contained within this Agreement is intended to be a waiver or estoppel of the Village or its insurer to rely upon the limitations, defenses and immunities contained under Wisconsin law, including those set forth in Wisconsin Statute Secs. 893.80, 895.52 and 345.05. To the extent that indemnification is available and enforceable, the Village or its insurer shall not be liable in indemnity or contribution for an amount greater than the limits of liability for municipal claims established under Wisconsin law.

11. Governing Law. This Agreement shall be governed and construed in accordance with the laws of the State of Wisconsin.

12. This Agreement may be signed in any number of counterparts with the same effect as if signatures thereto and hereto were on the same instrument.

13. Entire Agreement. This Agreement contains the entire agreement and understanding of the parties with respect to the subject matter hereof and may not be amended or modified except through an instrument executed by all parties hereto.

14. If any provision of this Agreement shall be held or deemed to be inoperative or unenforceable, the validity of any one or more phrases, sentences, causes or sections contained in this Agreement shall not affect the remaining provisions or portions of this Agreement.

15. Authority. The parties acknowledge that approval for the authority to execute this Agreement has been obtained by the governing body or members of each party.

[SIGNATURES BEGIN ON FOLLOWING PAGE]



VILLAGE:
Village of Mukwonago

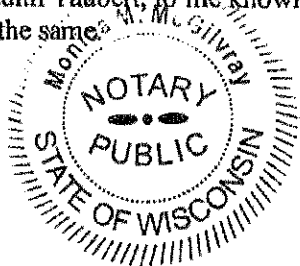
VILLAGE:
Village of Mukwonago

By: Fred Winchowky
Fred Winchowky, President

By: Judith A. Taubert
~~Linda Gourdoux, Deputy Clerk/Treasurer~~
JUDITH A. TAUBERT

STATE OF WISCONSIN)
) ss.
COUNTY OF WAUKESHA)

Personally came before me, this 11th day of January, 2019, the above-named Fred Winchowky and Judith Taubert, to me known to be the person who executed the foregoing instrument and acknowledged the same.



Monica McGilvray
Notary Public, State of Wisconsin Monica McGilvray
My Commission is permanent/expires: 6/5/21

DEVELOPER:
~~XXXX~~ Super Products, LLC

DEVELOPER:
xxx

By: Jeffery A. Leonard

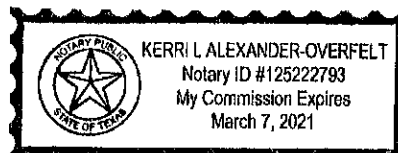
By: _____

Texas
STATE OF WISCONSIN)
) ss.
COUNTY OF Guadalupe)

Personally came before me, this 20 day of January, 2019, the above-named Jeffery A. Leonard, to me known to be the person who executed the foregoing instrument and acknowledged the same.

Kerri L. Alexander-Overfelt
Notary Public, State of Wisconsin Kerri L. Alexander-Overfelt
TEXAS

This document was drafted by Mark Blum.





VILLAGE:
Village of Mukwonago

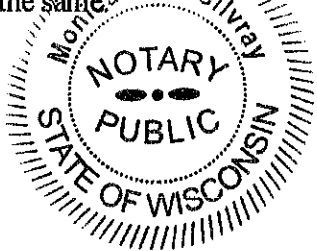
VILLAGE:
Village of Mukwonago

By: Fred Winchowky
Fred Winchowky, President

By: Judith A. Taubert
~~Linda Gourdon, Deputy Clerk/Treasurer~~
JUDITH A. TAUBERT

STATE OF WISCONSIN)
) ss.
COUNTY OF WAUKESHA)

Personally came before me, this 11th day of January, 2019, the above-named Fred Winchowky and Judith Taubert, to me known to be the person who executed the foregoing instrument and acknowledged the same.



Monica M. McGilvray
Notary Public, State of Wisconsin Monica M. McGilvray
My Commission is permanent/expires: 6/5/21

DEVELOPER:
XXXXX

DEVELOPER:
xxx

By: _____

By: _____

STATE OF WISCONSIN)
) ss.
COUNTY OF _____)

Personally came before me, this ____ day of _____, 2019, the above-named _____, to me known to be the person who executed the foregoing instrument and acknowledged the same.

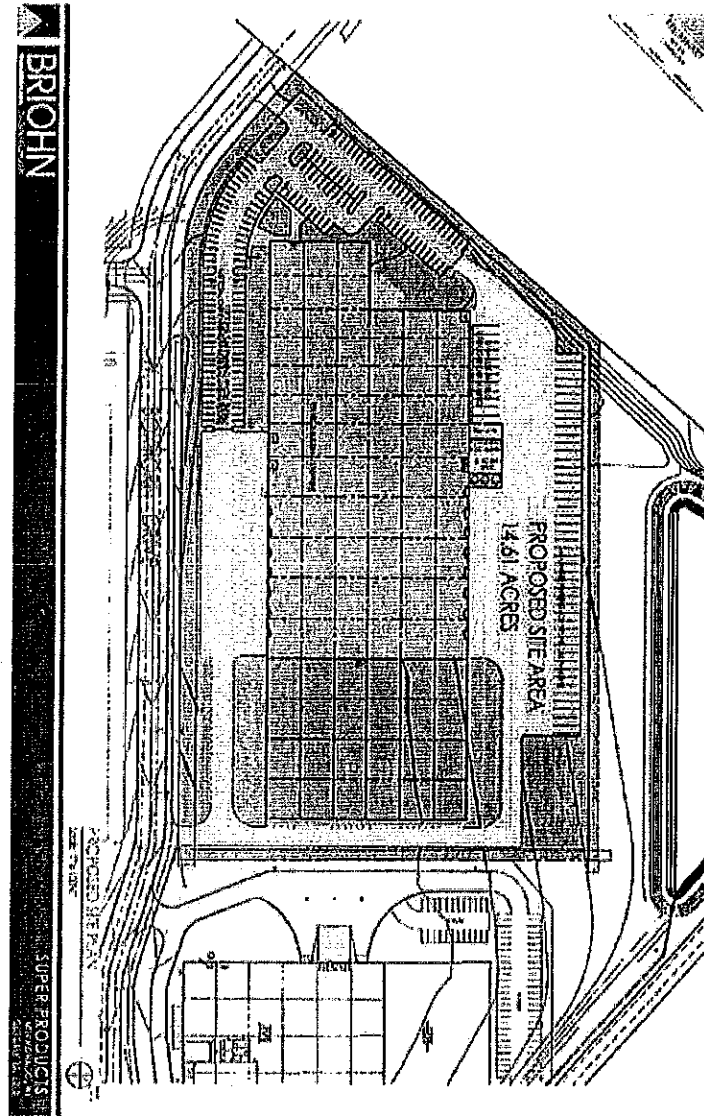
Notary Public, State of Wisconsin

This document was drafted by Mark Blum.

EXHIBIT A

Description of Property

Approximately 14.61 acres of parcel no. VM000008 as more specifically set forth below:



The Property shall include the additional 20' along the entire length of the northern property line

TID #5

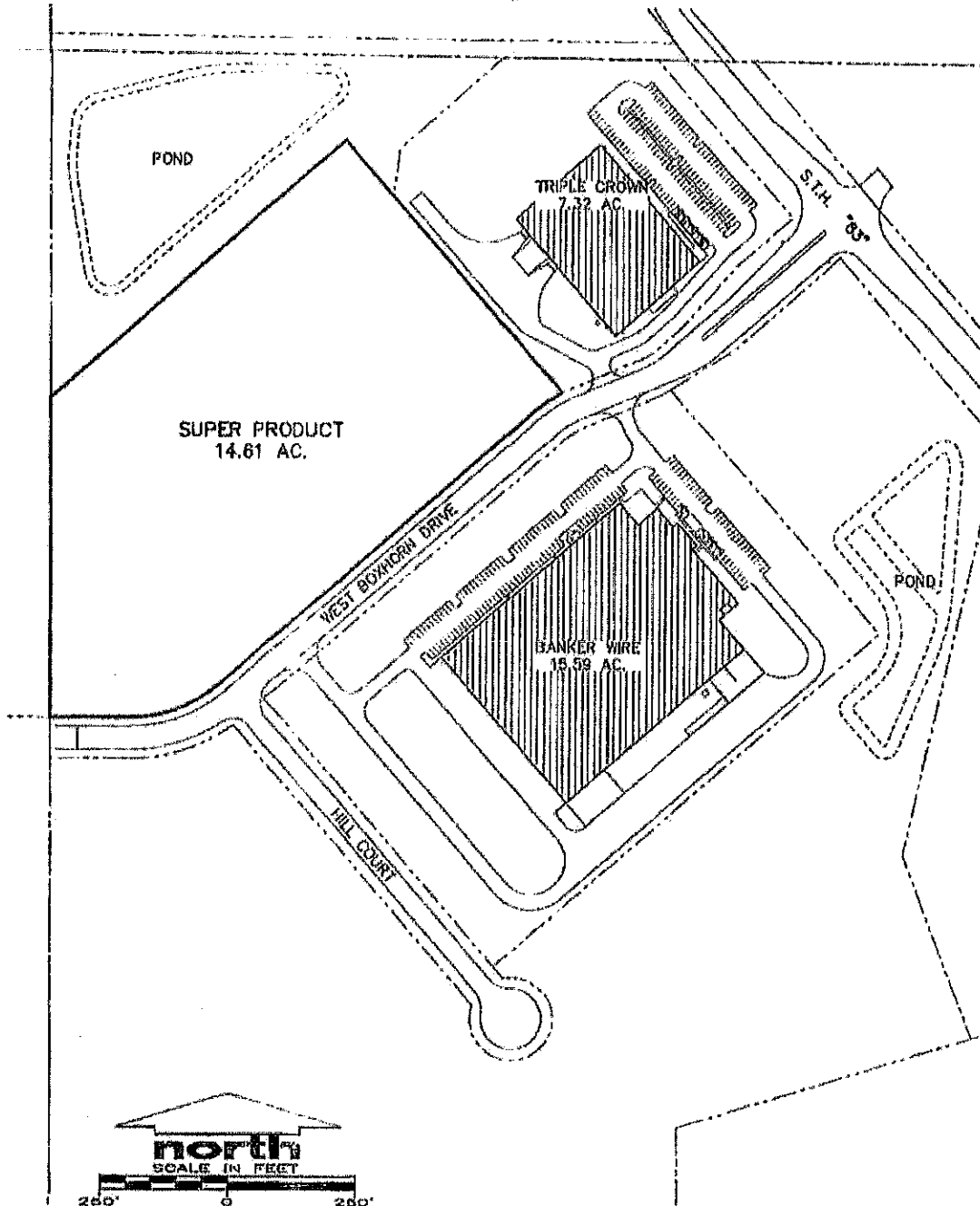
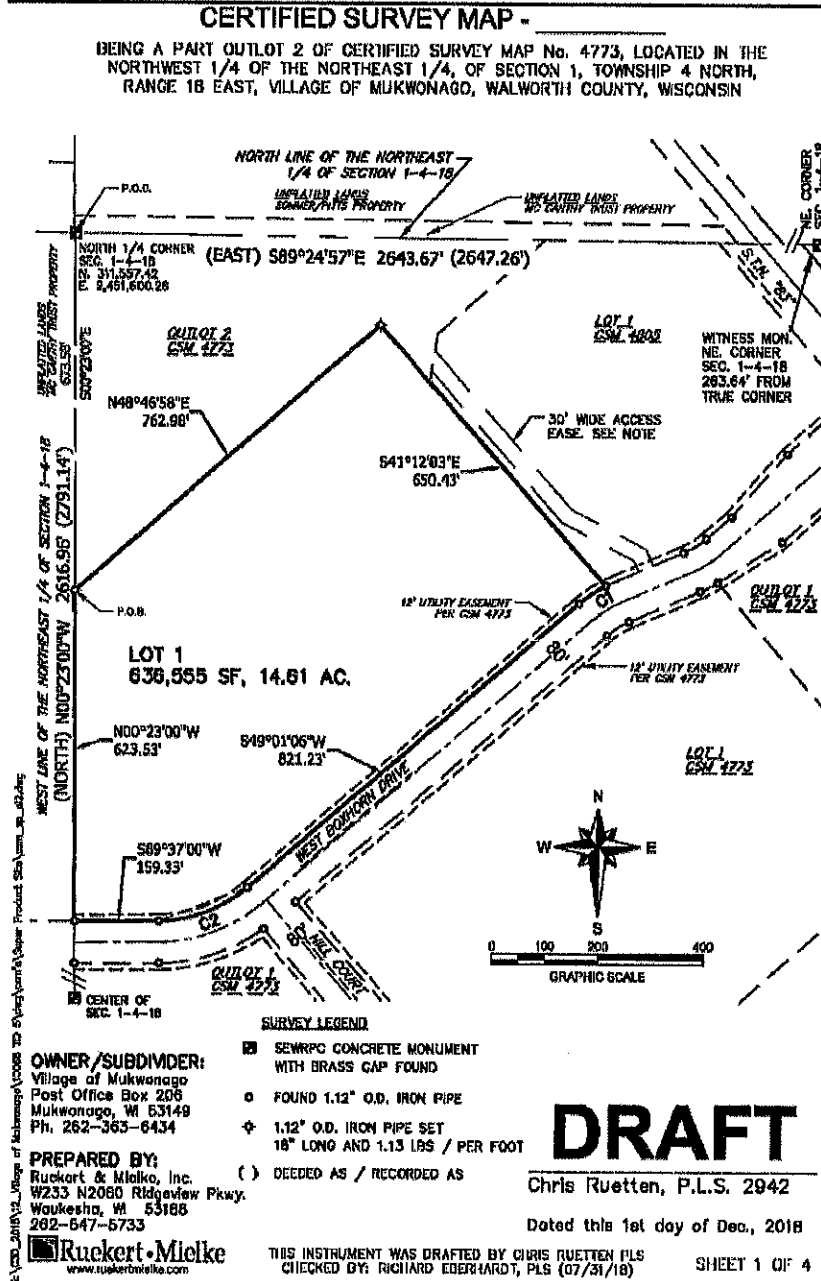


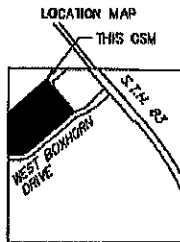
EXHIBIT A

PROPOSED CERTIFIED SURVEY MAP



CERTIFIED SURVEY MAP -

BEING A PART OUTLOT 2 OF CERTIFIED SURVEY MAP No. 4773, LOCATED IN THE
NORTHWEST 1/4 OF THE NORTHEAST 1/4, OF SECTION 1, TOWNSHIP 4 NORTH,
RANGE 18 EAST, VILLAGE OF MUKWONAGO, WALWORTH COUNTY, WISCONSIN



NE 1/4 SEC 1-4-18
NOT TO SCALE



NOTES:

1. NO BUILDINGS EXIST WITHIN THIS PROPOSED CERTIFIED SURVEY MAP.
2. LOT SHOWN AS ZONE "X" UNSHADED, AREAS OF MINIMAL FLOODING, PER FEMA MAP AND PANEL NO. 05127001250, EFFECTIVE DATE NOVEMBER 5, 2014. BASED UPON CURRENT FEMA MAPPING AND COUNTY GIS DATA NO MAPPED OR STUDIED 100 YEAR FLOODPLAIN EXIST WITHIN 2400 +/- FEET OF THE PROPOSED CERTIFIED SURVEY MAP BOUNDARY, THEREFORE IT IS ASSUMED NO LANDS LIE AT OR BELOW THE 5 VERTICAL FEET ABOVE CONTOUR ELEVATION.
3. THE LOT WITHIN THIS DEVELOPMENT WILL BE SERVED BY PUBLIC SANITARY SEWER AND WATER.
4. THE FOLLOWING IS FROM NOTE 4 OF CSM 4773
"UPON REDIVISION, DEVELOPMENT, OR SALE OF ALL OR PART OF, OUTLOT 2, AS SHOWN, THE DEVELOPER SHALL PROVIDE A 40 FOOT WIDE INGRESS/EGRESS ACCESS EASEMENT FOR THE BENEFIT OF THE ADJACENT LANDS LYING NORTH OF OUTLOT 2. PRIOR TO VILLAGE OF MUKWONAGO PLAN COMMISSION AND BOARD APPROVAL. THE INGRESS/EGRESS ACCESS EASEMENT SHALL PROVIDE ACCESS TO THE PUBLIC RIGHT-OF-WAY DEDICATED HEREIN, AND THE LOCATION SHALL BE DETERMINED, AND DEPICTED, ON THE FACE OF A CERTIFIED SURVEY MAP."
THE VILLAGE OF MUKWONAGO IS HEREBY WAIVING THIS RESTRICTION FOR THIS DIVISION OF OUTLOT 2, C.S.M. 4773 SINCE THE LANDS LYING TO THE NORTH WILL BE SERVED FROM A DIFFERENT RIGHT-OF-WAY.
5. FOR THE SALE OF LOT 1 C.S.M. 4805, THE ACCESS EASEMENT SHOWN ON SHEET 1 OF 4, OF THIS CERTIFIED SURVEY MAP, IS IN THE PROCESS OF BEING GRANTED TO THE VILLAGE OF MUKWONAGO BY SEPARATE DOCUMENT AND RECORDED IN THE OFFICE OF THE REGISTER OF DEEDS FOR WALWORTH COUNTY, WISCONSIN.

CURVE TABLE								
CURVE #	RADIUS	DELTA	CHORD	CHORD BAC.	ARC	TANGENT	TANGENT BEG. IN	TANGENT BEG. OUT
C1	240.00'	14°25'55"	82.23'	S56°14'02"W	90.45'	30.39'	S63°26'39"W	S49°01'06"W
C2	280.00'	40°35'34"	160.40'	S65°10'03"W	284.23'	96.32'	N49°01'06"E	N69°37'00"E

OWNER/SUBDIVIDER:
Village of Mukwonago
Post Office Box 205
Mukwonago, WI 53148
Ph. 262-363-6434

PREPARED BY:
Ruekert & Mielke, Inc.
W233 N2080 Ridgeview Pkwy.
Waukegan, WI 53186
262-647-6735

Ruekert & Mielke
www.ruekertmielke.com

DRAFT

Chris Ruetten, P.L.S. 2942

Dated this 1st day of Dec., 2018

THIS INSTRUMENT WAS DRAFTED BY CHRIS RUETTEN PLS

SHEET 2 OF 4

c:\vco_2018\13_Village of Mukwonago\0008 20 5\chgs\form\A\Super Project\250a\form_m_42.dwg

CERTIFIED SURVEY MAP -

BEING A PART OUTLOT 2 OF CERTIFIED SURVEY MAP No. 4773, LOCATED IN THE
NORTHWEST 1/4 OF THE NORTHEAST 1/4, OF SECTION 1, TOWNSHIP 4 NORTH,
RANGE 1B EAST, VILLAGE OF MUKWONAGO, WALWORTH COUNTY, WISCONSIN

SURVEYOR'S CERTIFICATE

STATE OF WISCONSIN }
COUNTY OF WAUKESHA } SS

I Chris Ruetten, Professional Land Surveyor, do hereby certify that at the direction of the Village of Mukwonago, that I have surveyed, divided and mapped part of Outlot 2 of Certified Survey Map No. 4773, located in the Northwest 1/4 of the Northeast 1/4, of Section 1, Township 4 North, Range 1B East, Village of Mukwonago, Walworth County, Wisconsin, more particularly described as follows:

Commencing at Northwest corner of said Outlot 2; thence bearing S00°23'00"E, along the West line of said Northeast 1/4, a distance of 673.58 feet to the POINT OF BEGINNING; thence bearing N48°46'58"E, a distance of 762.98 feet; thence bearing S41°12'03"E, along the Southwesterly side of Lot 1 C.S.M. 4805 and its Northwesterly extension, a distance of 660.43 feet to the Northwesterly line of West Boxhorn Drive; thence along said Northwesterly line for the next four courses; thence along an arc of curve to the left, for a distance of 60.45 feet, having a chord bearing S56°14'02"W, a distance of 60.29 feet, having a radius of 240.00 feet, and having a central angle of 14°25'53"; thence bearing S49°01'08"W, a distance of 621.23 feet to a point of curve; thence along an arc of curve to the right, for a distance of 184.23 feet, having a chord bearing S69°18'03"W, a distance of 180.40 feet, having a radius of 280.00 feet, and having a central angle of 40°35'54"; thence bearing S89°37'00"W, a distance of 159.33 feet to the West line of said Northeast 1/4; thence bearing N00°23'00"W, along the West line of said Northeast 1/4, a distance of 623.63 feet to the POINT OF BEGINNING. Said lands contain 636,555 S.F. more-or-less. Subject to covenants, conditions, restrictions and easements of record.

That I have made this survey, land division and map by the direction of the Village of Mukwonago, Owner(s) of said land.

That such map is a correct representation of all the exterior boundaries of the land surveyed and the division thereof made.

That I have fully complied with the provisions of Section 236.34 of the Wisconsin Statutes and the Village of Mukwonago ordinances in surveying, dividing and mapping of same.

PREPARED BY:
Ruekert & Mielke, Inc.
W233 N2080 Ridgeview Pkwy.
Waukegan, WI 53188
262-847-5733

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

OWNER/SUBDIVIDER:
Village of Mukwonago
Post Office Box 206
Mukwonago, WI 53149
Ph. 262-363-6434

DRAFT

Chris Ruetten, P.L.S. 2942

Dated this 1st day of Dec., 2018

THIS INSTRUMENT WAS DRAFTED BY CHRIS RUETTEN PLS

SHEET 3 OF 4

c:\300_2018\12_Village of Mukwonago\2018 12 01_Village of Mukwonago\Survey Product Sheet.dwg

BEING A PART OUTLOT 2 OF CERTIFIED SURVEY MAP No. 4773, LOCATED IN THE
NORTHWEST 1/4 OF THE NORTHEAST 1/4, OF SECTION 1, TOWNSHIP 4 NORTH,
RANGE 18 EAST, VILLAGE OF MUKWONAGO, WALWORTH COUNTY, WISCONSIN

The Village of Mukwonago, a Municipal Corporation duly organized and existing under, and by virtue of, the laws of the State of WI, and as owner(s), do hereby certify that said Municipal Corporation, caused the land described on this map to be surveyed, divided, mapped, and dedicated as represented on this map.

Ruckert-Mielke
www.ruckertmielke.com

EXHIBIT B

PRELIMINARY SITE PLAN

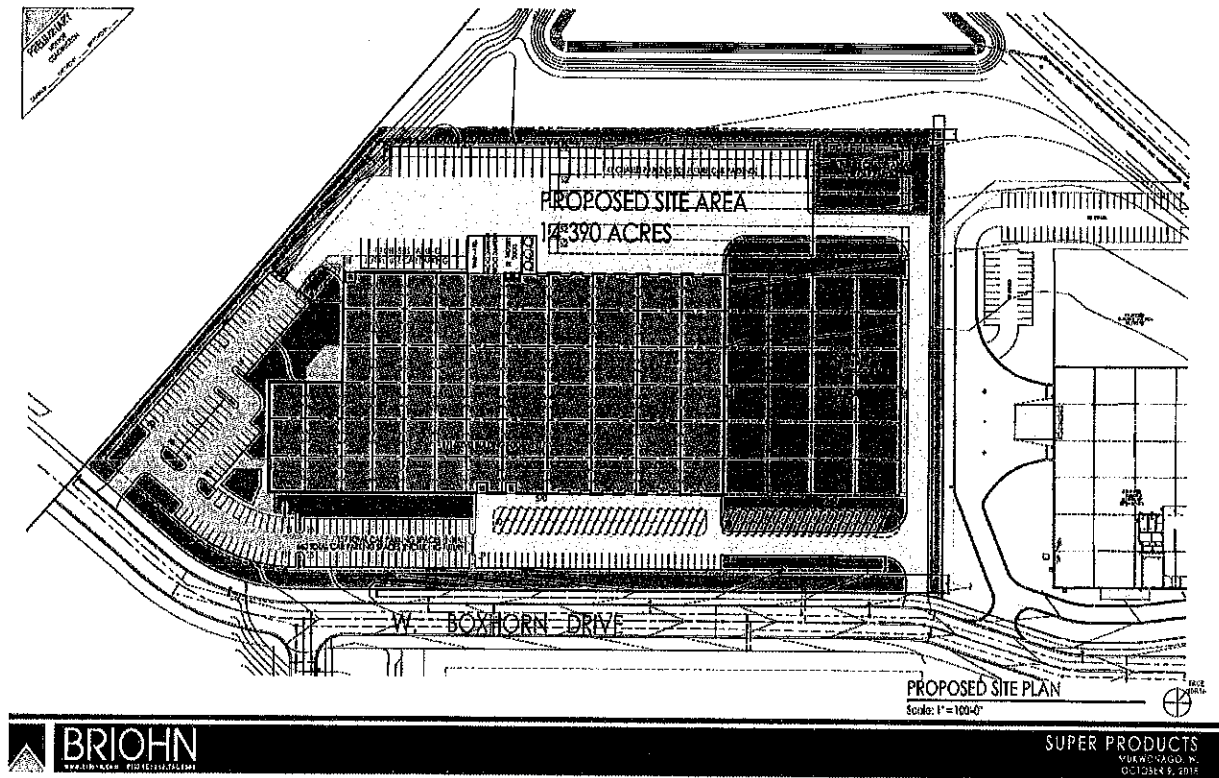


EXHIBIT C
VALUATION SCHEDULE

Land value: \$1,190,000

Improvements \$9,810,000

TOTAL VALUE: \$11,000,000

EXHIBIT E
BUILDING PLANS

[See Attached]



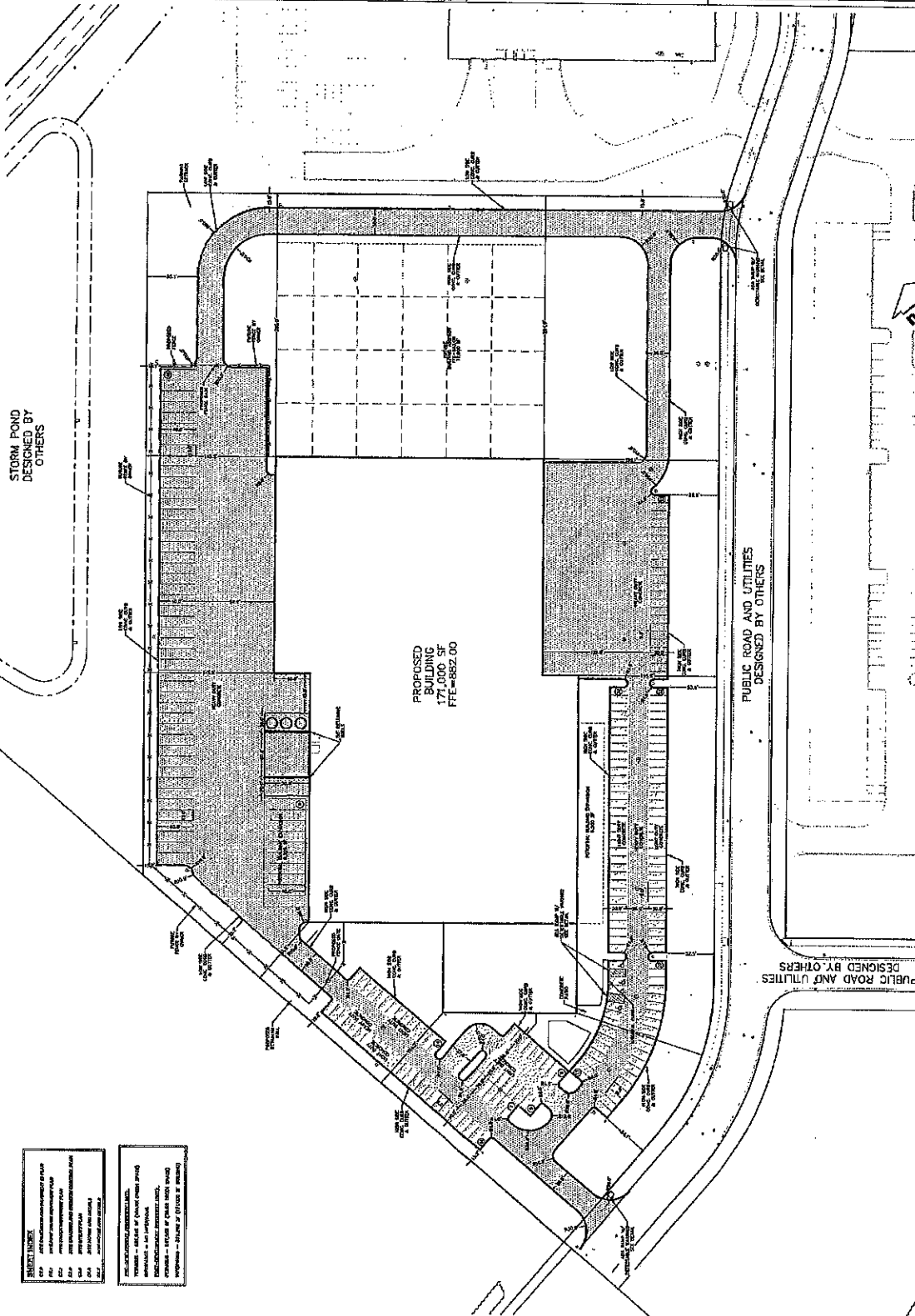
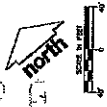
SITE DIMENSION AND
PAVEMENT ID PLAN

PROPOSED NEW BUILDING FOR:
SUPER PRODUCTS
W. BOXHORN DR.
MUKWAGO, WISCONSIN

C1.0

ISD Incorporated, Inc.
17700 W. WISCONSIN AVE.
MUKWAGO, WISCONSIN 53072
TEL: 414.461.1500
WWW.ISDINC.COM

DESIGN & CONSTRUCTION
DIVISION
CIVIL ENGINEERING
17700 W. WISCONSIN AVE.
MUKWAGO, WISCONSIN 53072
TEL: 414.461.1500
WWW.ISDINC.COM



REVISIONS	
NO.	DESCRIPTION
1	ISSUED FOR PERMITTING
2	ISSUED FOR PERMITTING
3	ISSUED FOR PERMITTING
4	ISSUED FOR PERMITTING
5	ISSUED FOR PERMITTING
6	ISSUED FOR PERMITTING
7	ISSUED FOR PERMITTING
8	ISSUED FOR PERMITTING
9	ISSUED FOR PERMITTING
10	ISSUED FOR PERMITTING

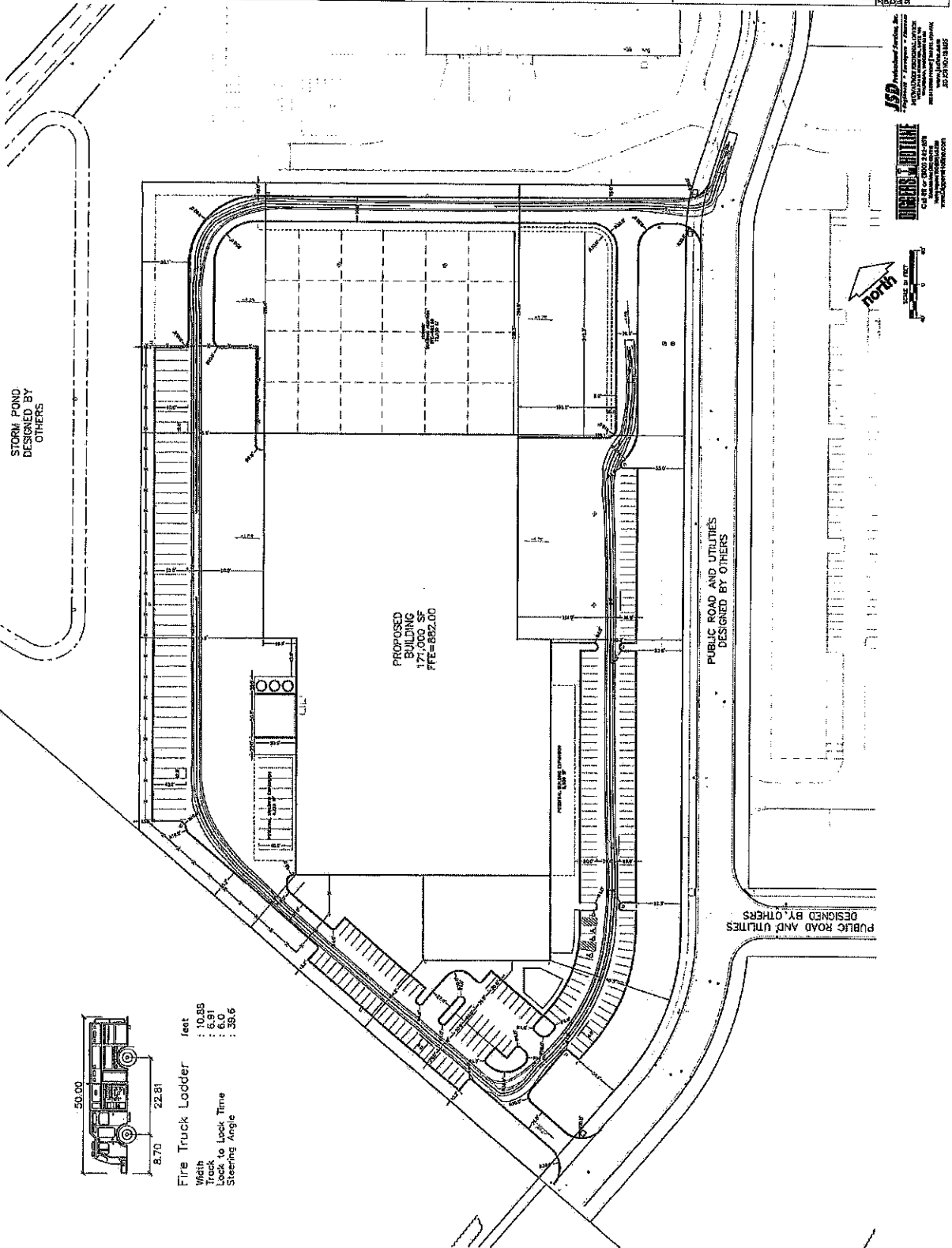
NOTES	
1.	ALL DIMENSIONS ARE IN FEET AND INCHES.
2.	ALL DIMENSIONS ARE TO THE CENTERLINE OF THE ROAD OR TO THE CENTERLINE OF THE LOT.
3.	ALL DIMENSIONS ARE TO THE CENTERLINE OF THE ROAD OR TO THE CENTERLINE OF THE LOT.
4.	ALL DIMENSIONS ARE TO THE CENTERLINE OF THE ROAD OR TO THE CENTERLINE OF THE LOT.
5.	ALL DIMENSIONS ARE TO THE CENTERLINE OF THE ROAD OR TO THE CENTERLINE OF THE LOT.
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7.	ALL DIMENSIONS ARE TO THE CENTERLINE OF THE ROAD OR TO THE CENTERLINE OF THE LOT.
8.	ALL DIMENSIONS ARE TO THE CENTERLINE OF THE ROAD OR TO THE CENTERLINE OF THE LOT.
9.	ALL DIMENSIONS ARE TO THE CENTERLINE OF THE ROAD OR TO THE CENTERLINE OF THE LOT.
10.	ALL DIMENSIONS ARE TO THE CENTERLINE OF THE ROAD OR TO THE CENTERLINE OF THE LOT.

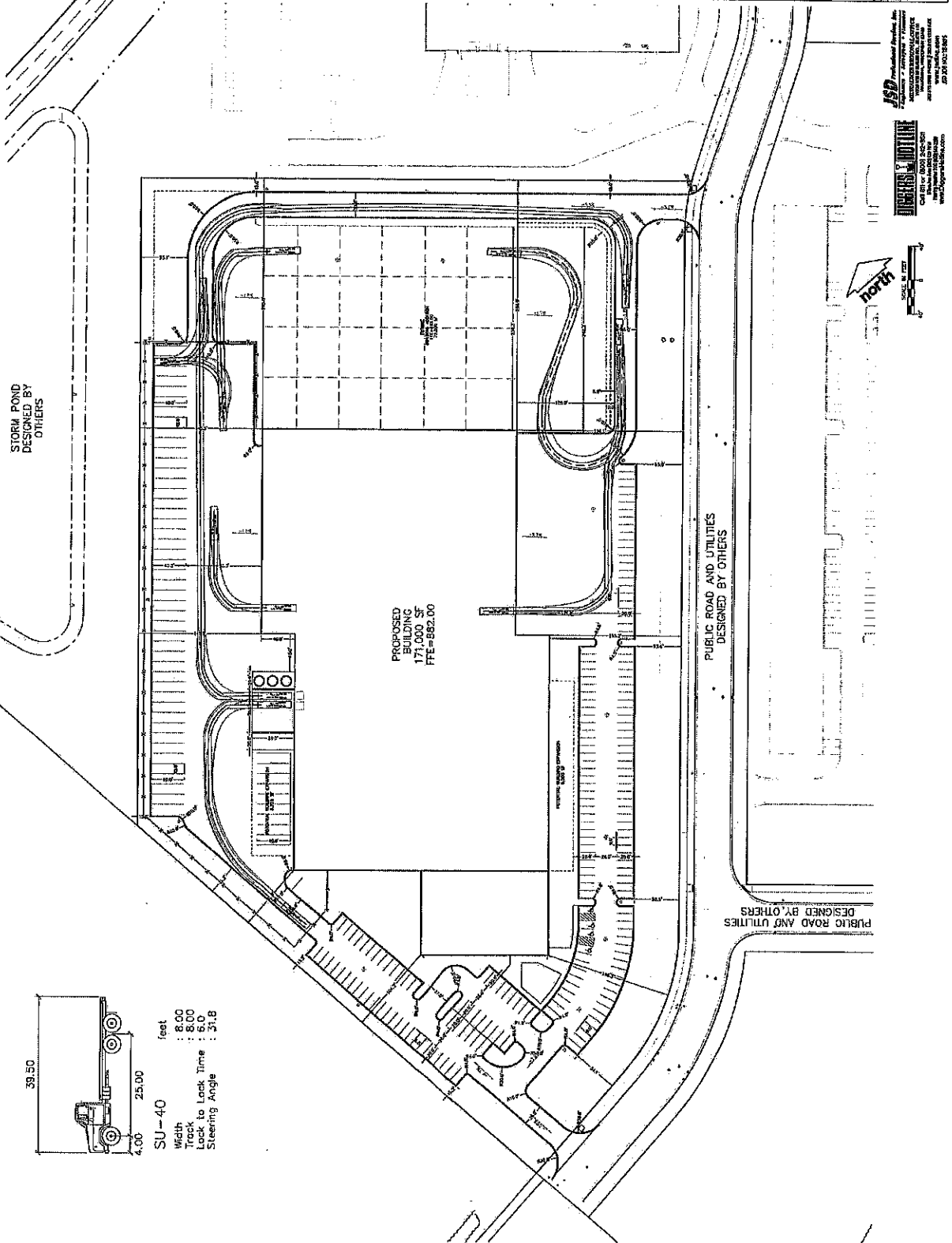


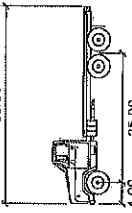
SITE FIRE TRUCK MOVEMENT PLAN

PROPOSED NEW BUILDING FOR:
SUPER PRODUCTS
W. ROXBORN DR.
MUKWONAGO, WISCONSIN

C1.1

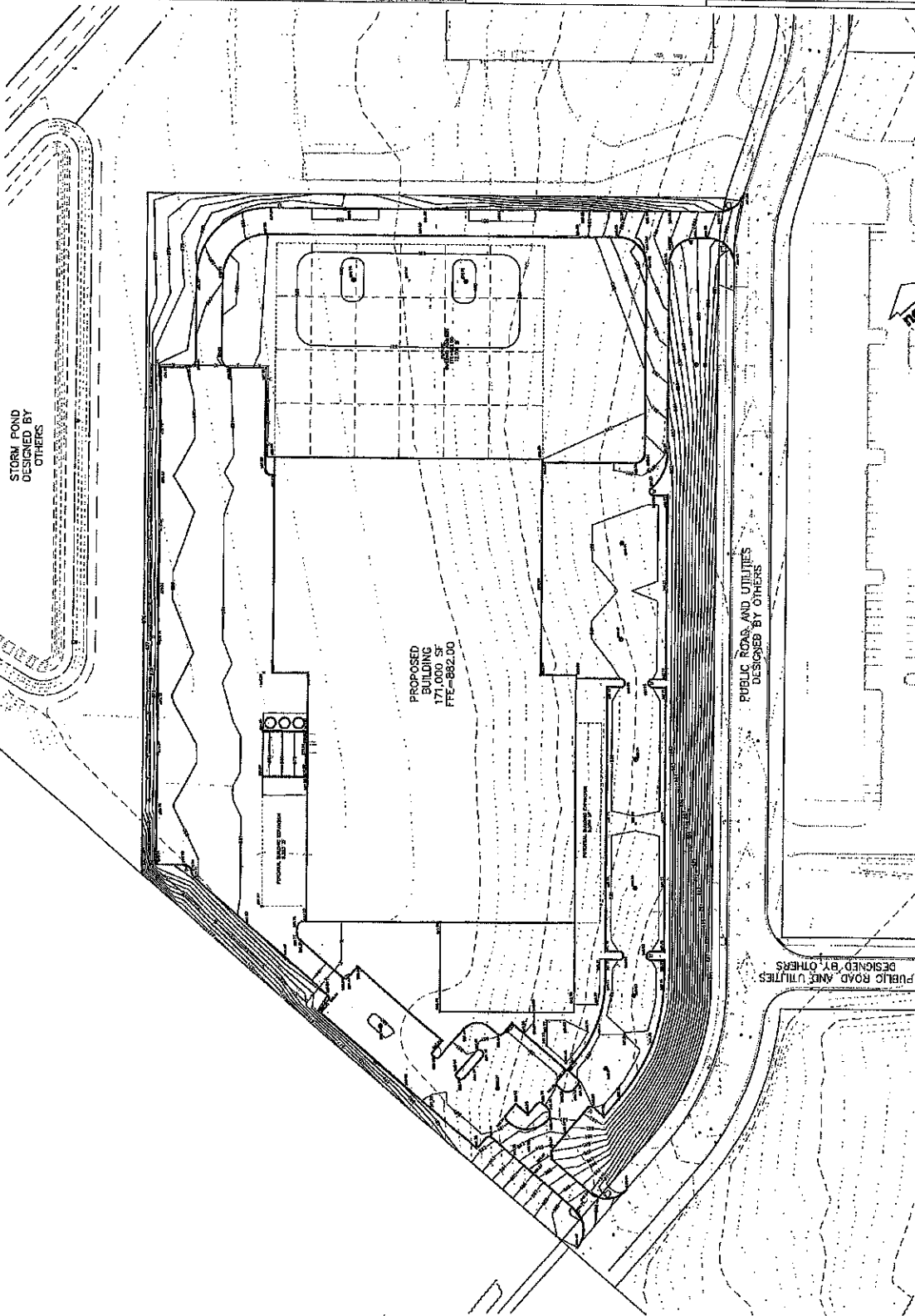




39.50	25.00	4.00
		
SU-40		
Width	: 8.00	feet
Track	: 8.00	
Lock to Lock Time	: 6.0	
Steering Angle	: 31.8	

ASD
Architectural Site Design
INCORPORATED
10000 W. BOKHORN DR.
MUKWONAGO, WISCONSIN 53091
TEL: 847.441.1000
FAX: 847.441.1001
WWW.ASDINC.COM

DESIGN GROUP
INCORPORATED
10000 W. BOKHORN DR.
MUKWONAGO, WISCONSIN 53091
TEL: 847.441.1000
FAX: 847.441.1001
WWW.BRIORNDG.COM



JSD
J. S. D. & SONS, INC.
1000 W. 10TH AVE.
MUKWONAGO, IL 60060
TEL: 815/401-1000
FAX: 815/401-1001
WWW.JSD.COM

DESIGN
DATE: 04/18/00
BY: JSD
CHECKED: JSD
APPROVED: JSD

C2.0

PROPOSED NEW BUILDING FOR:
SUPER PRODUCTS
W. BOXHORN DR.
MUKWONAGO, WISCONSIN

SITE GRADING AND
EROSION CONTROL
PLAN

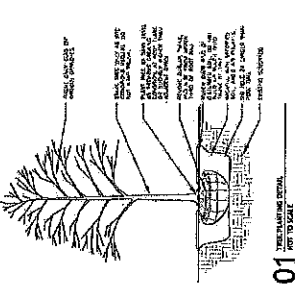


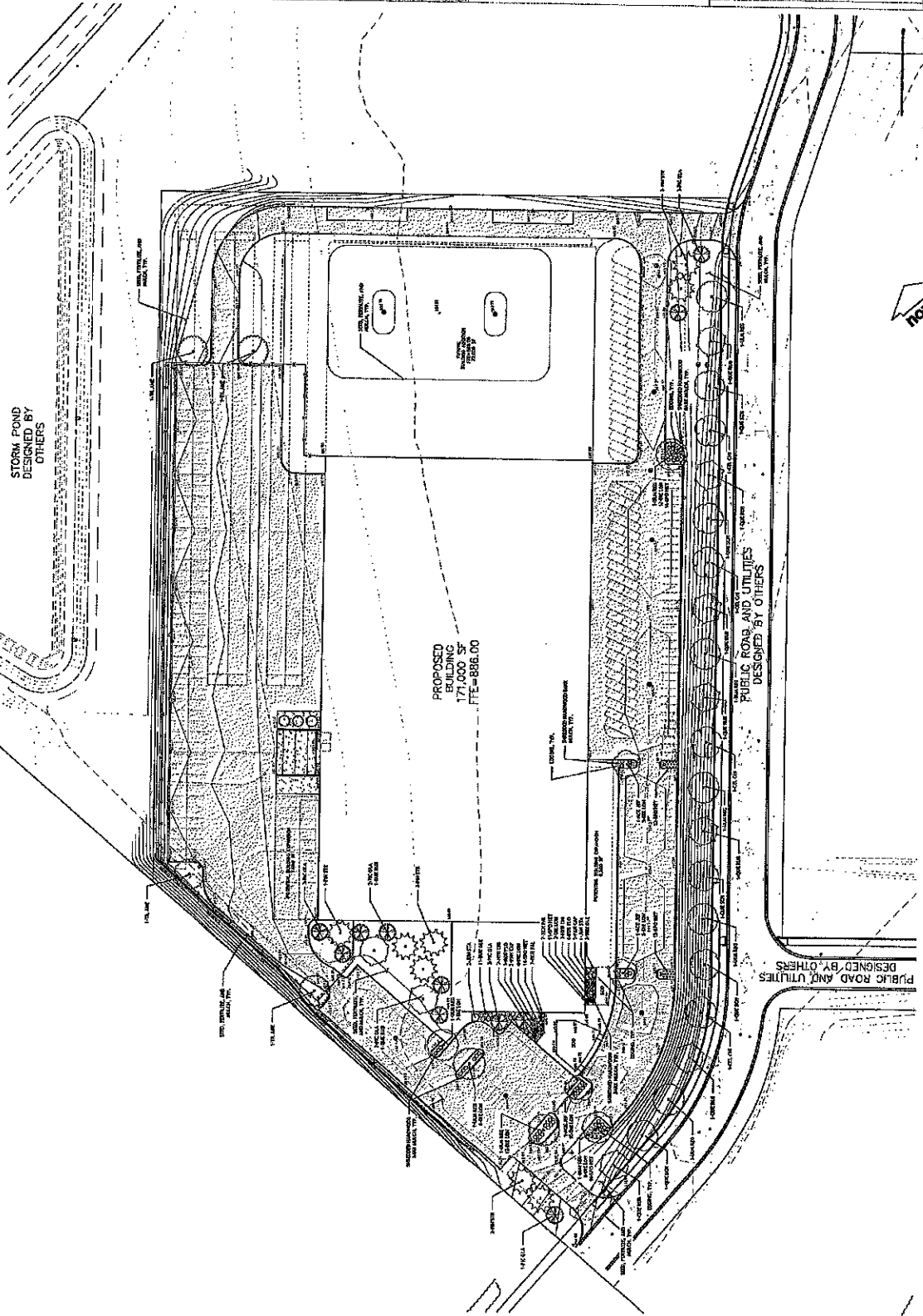
- MATERIALS**
1. ALL MATERIALS TO BE USED IN THE CONSTRUCTION OF THIS DETAIL SHALL BE OF THE QUALITY AND TYPE SPECIFIED IN THE NOTES AND SPECIFICATIONS.
 2. ALL MATERIALS TO BE USED IN THE CONSTRUCTION OF THIS DETAIL SHALL BE OF THE QUALITY AND TYPE SPECIFIED IN THE NOTES AND SPECIFICATIONS.
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 10. ALL MATERIALS TO BE USED IN THE CONSTRUCTION OF THIS DETAIL SHALL BE OF THE QUALITY AND TYPE SPECIFIED IN THE NOTES AND SPECIFICATIONS.
- INSTALLATION**
1. THE DETAIL SHALL BE INSTALLED IN ACCORDANCE WITH THE NOTES AND SPECIFICATIONS.
 2. THE DETAIL SHALL BE INSTALLED IN ACCORDANCE WITH THE NOTES AND SPECIFICATIONS.
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- GENERAL**
1. THE DETAIL SHALL BE INSTALLED IN ACCORDANCE WITH THE NOTES AND SPECIFICATIONS.
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 10. THE DETAIL SHALL BE INSTALLED IN ACCORDANCE WITH THE NOTES AND SPECIFICATIONS.
- PRODUCTS, MATERIALS, AND FINISHES**
1. THE DETAIL SHALL BE INSTALLED IN ACCORDANCE WITH THE NOTES AND SPECIFICATIONS.
 2. THE DETAIL SHALL BE INSTALLED IN ACCORDANCE WITH THE NOTES AND SPECIFICATIONS.
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 9. THE DETAIL SHALL BE INSTALLED IN ACCORDANCE WITH THE NOTES AND SPECIFICATIONS.
 10. THE DETAIL SHALL BE INSTALLED IN ACCORDANCE WITH THE NOTES AND SPECIFICATIONS.

PLANT SCHEDULE MASTER

PLANT	SYMBOL	COMMON NAME	SCIENTIFIC NAME	HEIGHT	SPREAD	ROOTS	LEAVES	FLOWERS	FRUIT	SEASON	ZONE
1	1	1	1	1	1	1	1	1	1	1	1
2	2	2	2	2	2	2	2	2	2	2	2
3	3	3	3	3	3	3	3	3	3	3	3
4	4	4	4	4	4	4	4	4	4	4	4
5	5	5	5	5	5	5	5	5	5	5	5
6	6	6	6	6	6	6	6	6	6	6	6
7	7	7	7	7	7	7	7	7	7	7	7
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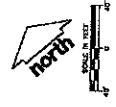
LANDSCAPE PLAN

PROPOSED NEW BUILDING FOR
 SUPER PRODUCTS
 W. BOKHOEN DR.
 MILWAUKEE, WISCONSIN

L1.0

ISD International Site Design
 1000 N. 10th St., Suite 200
 Milwaukee, WI 53233
 Tel: 414.224.1100
 Fax: 414.224.1101
 www.isdgroup.com

LOGGERS & OUTLINE
 1000 N. 10th St., Suite 200
 Milwaukee, WI 53233
 Tel: 414.224.1100
 Fax: 414.224.1101
 www.loggersandoutline.com

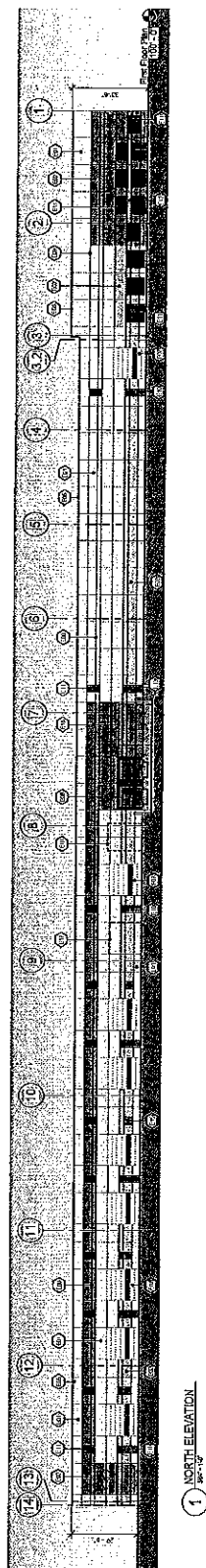




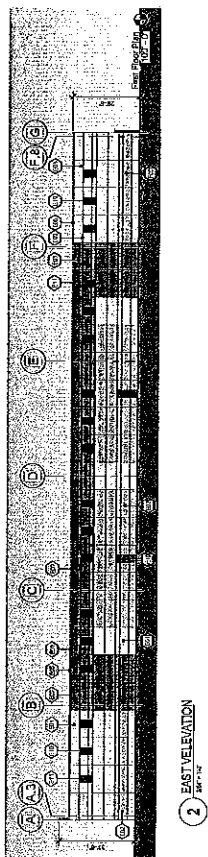
BRIOHN
BUILDING CORPORATION

SUPER PRODUCTS
EXTERIOR PERSPECTIVE
OCTOBER 12, 2018

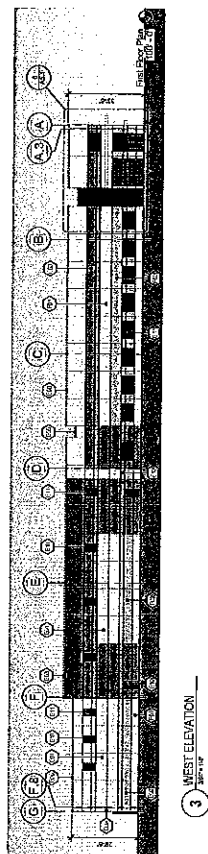
Super Products
TRUCK MOUNTED VACUUM EQUIPMENT



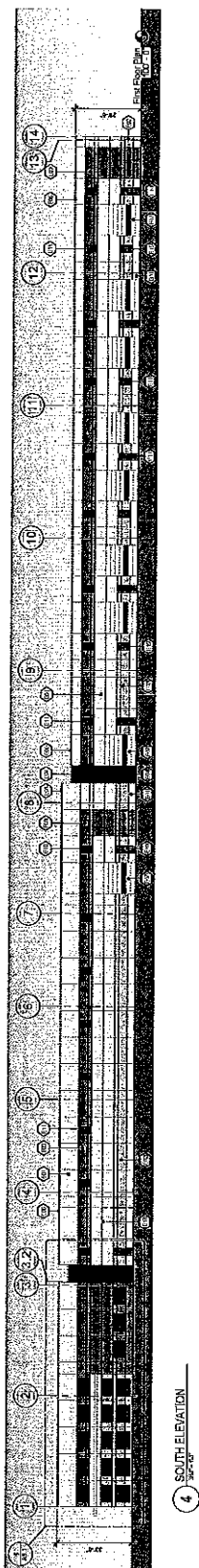
1 NORTH ELEVATION
30° - 1 1/2"



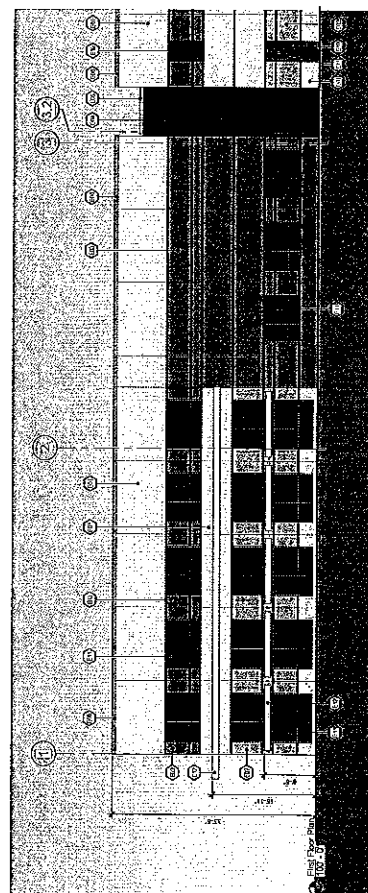
2 EAST VELEVATION
3.54" x 1.42"



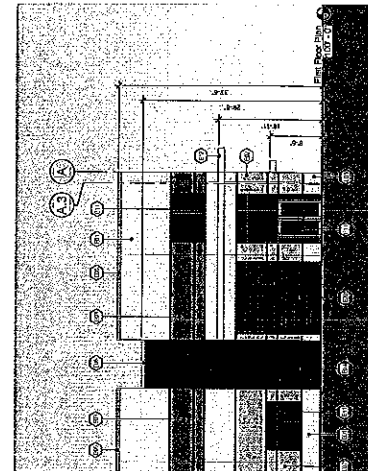
3 WEST ELEVATION
360° • 114°



4 SOUTH ELEVATION
3/4" = 1'-0"



5 SOUTH ELEVATION
18' x 10'



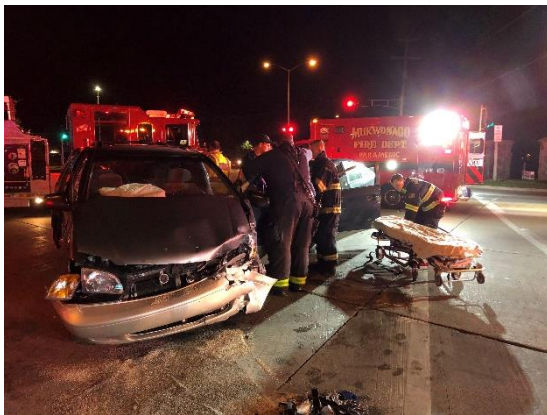
6 WEST ELEVATION
1/8" = 1'-0"

[illegible]



Meet the Mukwonago Fire Department

Please join us for 1 hour as we answer questions regarding the future direction of Mukwonago's Fire and EMS services. Refreshments will be provided.



Where: 1111 Fox St. Mukwonago, WI

When: Thursday January 16th 2020

6pm: Station tours for all ages

Get an inside look at our fire station, trucks and more.

Fun for the whole family! Free Blood Pressure Checks

7pm: Community focus meeting

Tell us what we can do to serve you better!