

AGENDA
BOARD OF PUBLIC WORKS MEETING
Tuesday, January 31, 2023 at 6:00 p.m.
Jackson Municipal Complex
Village Board Room
N168W19851 Main Street
Jackson, WI 53037

1. Call to Order and Roll Call
2. Approval of the Board of Public Works Minutes of November 29, 2022
3. Hasmer Lake Park Master Plan, Concept & Community Survey Results (MSA)
4. Pickleball Court Project Bids – Review & Recommendation
5. STH 60 (Main St) Streetlight Project – Review & Recommendation
6. Cedar Run Dog Park Project Concept – Review & Recommendation

Pause for the JPR Commission to continue their meeting in another room

7. Resolution 23-04 Establishing Rates for Septic & Holding Tank Waste
8. Engineering Service – WWTP Phase 1 Upgrade Project – Town & Country
9. Change Order #1 – 2021 Willow Ridge Drive Reconstruction Project
10. Preliminary Assessment for STH 60 2023 Utility Upgrade Project
11. Review of New Natural Gas Generator at Public Works Building
12. Review of Quotes for Purchase of Mini Excavator
13. Discussion on Lakeside International 2024 & 2025 New Truck Commodity Surcharges
14. Director of Public Works Report
15. Citizens/Village Staff to address the Board
16. Adjourn

Persons with disabilities requiring special accommodations for attendance at the meeting should contact the Administration Department at the Jackson Municipal Complex at least one (1) business day prior to the meeting.

It is possible that members of the Village Board may attend the above meeting. No action will be taken by any governmental body at this meeting other than the governmental body specifically referred to in this meeting notice. This notice is given so that members of the Village Board may attend the meeting without violating the open meeting law.

DRAFT MINUTES
Board of Public Works Meeting
Tuesday, November 29, 2022 at 6:00 p.m.
Jackson Municipal Complex
Village Board Room
N168W19851 Main Street
Jackson, WI 53037

1. Call to Order and Roll Call

Chair Tr. Heckendorf called the meeting to order at 6:00 p.m.

Members Present: Sarah Malchow, Tr. Matter, Jeff Mitchell, and Chris Sberna

Member Excused: Tr. Engelhardt and Tim Meffert

Staff Present: Administrator Jen Keller, Director of Public Works Brian Kober and Clerk Jilline Dobratz

Also Present: Greg Droessler of Town & Country Engineering

2. Approval of the Board of Public Works Minutes of October 25, 2022

Motion by Sarah Malchow, second by Chris Sberna to approve the Board of Public Works minutes of October 25, 2022.

Vote: 5 ayes, 0 nays. Motion carried.

3. WWTP Facility Plan Update – Town & Country Engineering

Director Kober provided a brief update. Professional Engineer Greg Droessler reviewed the Executive Summary. The draft report will be submitted to the Wisconsin Department of Natural Resources. A future rate increase was discussed. The Public Hearing on the WWTC Facility Plan Update will be held at the Village Board meeting on Tuesday, December 13, 2022. The item is for information only no action is necessary.

4. We-Energies Gas and Electric Easement – Cedar Parkway

Director Kober gave background information on the easement rights needed to relocate existing gas and electric facilities for the Sysco Building Expansion Project affecting Cedar Parkway.

Motion by Tr. Heckendorf, second by Sarah Malchow to recommend Village Board approve We-Energies Gas and Electric Easement on Cedar Parkway.

Vote: 5 ayes, 0 nays. Motion carried.

5. Painting Quote for Public Works/Water Department Building

Director Kober reviewed the quote of \$12,000 to paint the exterior of the Public Works Building on Eagle Drive. The new Purchasing Policy approved by the Village Board last month allows staff to approve quotes at this amount. This item is for informational purposes only.

6. Quote for Overhead Garage Door Street Department

Director Kober explained the quote received from Reliable Door Inc. for \$23,635.50. The door installation is part of the 2023 Budget, and with the uncertainty of the current market

wanted to confirm the price before any extra costs are added. The new Purchasing Policy approved by the Village Board last month allows staff to approve quotes at this amount. This item is for informational purposes only.

7. Purchase of Bobcat UW56 Toolcat Utility Work Machine

Director Kober commented they have worked with Bobcat Plus, Inc. in Butler in the past. This is a budgeted item.

Motion by Tr. Heckendorf, second by Tr. Matter to recommend to Budget & Finance and Village Board the purchase of Bobcat UW56 Toolcat Utility Work Machine under the condition of obtaining two more quotes for Budget & Finance and Village Board to review for final approval.

Vote: 5 ayes, 0 nays. Motion carried.

8. Director of Public Works Report

Director Kober explained the report authored for the review of the Board. The street light replacement project in 2023 was discussed.

Motion by Tr. Heckendorf, second by Chris Sberna to place the Director of Public Works Report on file.

Vote: 5 ayes, 0 nays. Motion carried.

9. Citizens/Village Staff to Address the Board

None.

10. Adjourn

Motion by Tr. Heckendorf, second by Tr. Matter to adjourn.

Vote: 5 ayes, 0 nays. Meeting was adjourned at 6:55 p.m.

Respectfully submitted,

Jilline Dobratz, *CMC/WCPC*
Village Clerk

Hasmer Lake Community Park

Concept 1 - Working with the DNR

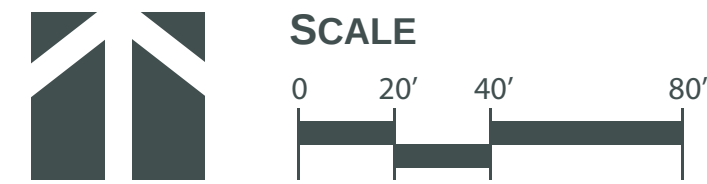
Village of Jackson, WI
1.31. 2023



Hasmer Lake Community Park

Concept 2 - Acquiring Land

Village of Jackson, WI
1.31. 2023



Hasmer Lake Commmunity Park

Concept 1 Character Imagery

Village of Jackson, Wisconsin
January 31, 2023



PROPOSED AMENITIES

2 - Level Warming Shelter



Hillside Play



Lake Overlook (Back of Shelter)



Water Access



Kayak Storage



Gravel Picnic Area



EXISTING FACILITIES

Existing Fishing Pier (DNR Property)



Existing Kayak Launch (DNR Property)



PEDESTRIAN ACCESS

Existing Paved Multi-Use Path



Hasmer Lake Commmunity Park

Concept 2 Character Imagery

Village of Jackson, Wisconsin
December 2nd, 2022



PROPOSED AMENITIES

Shelter with Restrooms



Stairs to Water - Water Access



Kayak Rentals - PaddleBreak Adventures, LLC.



Permanent (Concrete) Corn Hole



Firepit Gathering Plaza



Natural + Hillside Play Elements



EXISTING FACILITIES

Existing Fishing Pier (DNR Property)



Existing Kayak Launch (DNR Property)

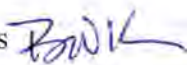


PEDESTRIAN ACCESS

Existing Paved Multi-Use Path



Memo

To: Jen Keller, Village Administrator
From: Brian W. Kober, P. E., Director of Public Works 
Subject: Jackson Park - Tennis Court Conversion to Pickle Ball Courts
Date: January 26, 2023
CC: Park & Rec Committee; Board of Public Works; Village Board

The tennis ball courts in Jackson Park have been scheduled for years to be updated or replaced with something new. The ideas with the Park and Rec Committee and the Park and Rec Director Kelly Valentino was a conversion to include tennis and pickle ball courts together.

The project was bid for construction in May of 2022, the bidding resulted in one bid at \$543,720.50. Upon review of bid, the bid was not accepted, and the project was scheduled for rebid in January 2023.

The Village received three (3) bids for the projects, and the low bid was \$140,513.90 lower than the only bid received in 2022. The low bid was from Vinton Construction Company in the amount of \$403,206.60. Upon review of the bids Cedar Corporation has recommended approval of the bids.

Funding of the project will be done by the budgeted capital improvement fund and the Park Impact Fee account. Recommend approval of the project to Vinton Construction Company.

If you have any questions, please let me know.

Brian W. Kober, P.E.

STANDARD FORM OF
BID ANALYSIS

WHEREAS the Village of Jackson (hereinafter referred to as the OWNER) has received bids on the 24th day of January 2023 for the Re-Bid Jackson Park Tennis-Pickleball Courts, Contract A-23, (hereinafter referred to as the Project); and

WHEREAS Cedar Corporation (hereinafter referred to as ENGINEER) has been retained by the OWNER to prepare bid tabulations, analyze bid results and consult with the OWNER on the award of contracts.

The ENGINEER hereby consults as follows:

1. Bids were received from three (3) bidders. Bids ranged from a low of \$403,206.60 to a high of \$504,717.00. A summary of the bid tabulation is attached.
2. Based upon ENGINEER's analysis of the bids received on the above PROJECT the responsive low bidder is:

Vinton Construction Company
2705 N. Rapids Road
Manitowoc, WI 54221

Bid Amount: \$403,206.60

3. It is understood that by this analysis, that the ENGINEER does not guarantee the Contractor's performance which is covered by the Contractor's bond, but it is a statement by the ENGINEER that the ENGINEER has no information which would lead the ENGINEER to believe that the Contractor does not have the necessary equipment and personnel to complete the PROJECT in compliance with the drawings and specifications within reasonable tolerances generally accepted in the trade.
4. It is further understood that this analysis is not a representation that the ENGINEER has reviewed the proposal for possible legal irregularities which should be a function of the OWNER'S legal counsel, and at the option of the OWNER.
5. It is further understood that in the event that OWNER feels that the Contract should be awarded on some basis other than price, the OWNER should defer further action on this PROJECT until a thorough legal review can be made by OWNER'S legal counsel.

Cedar Corporation

Submitted by: Ron D. Dalton, P.E.

Date: January 25, 2023



BID TABULATION

RE-BID: JACKSON PARK TENNIS - PICKLEBALL COURTS,
CONTRACT A-23
VILLAGE OF JACKSON
WASHINGTON COUNTY, WI

BID DATE - January 24, 2023

PROJECT NAME: RE-BID: JACKSON PARK TENNIS - PICKLEBALL COURTS				Vinton Construction Company P.O. Box 1987 Manitowoc, WI 54221-1987		Property Solutions Contracting LLC 7245 W. Concord Creek Mequon, WI 53092		Payne & Dolan, Inc. N3 W23650 Badinger Road Waukesha, WI 53187			
PROJECT NO: CONTRACT A-23											
ITEM NO.	ITEM DESCRIPTION	UNIT	QTY	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
BASE BID:											
1	Common Excavation, with Asphalt and Concrete Pavement Removal, with Subgrade Preparation	CY	1,100	\$49.55	\$54,505.00	\$20.40	\$22,440.00	\$42.00	\$46,200.00		
2	Remove & Salvage Existing Fence	LF	675	\$4.00	\$2,700.00	\$16.22	\$10,948.50	\$20.00	\$13,500.00		
3	Remove & Salvage Existing Benches	Each	4	\$200.00	\$800.00	\$500.00	\$2,000.00	\$100.00	\$400.00		
4	Remove & Salvage Existing Basketball Hoop Assembly	Each	2	\$200.00	\$400.00	\$1,000.00	\$2,000.00	\$200.00	\$400.00		
5	8-inch Base Aggregate - at Sidewalks and Courts	Tons	1,600	\$18.55	\$29,680.00	\$29.90	\$47,840.00	\$26.00	\$41,600.00		
6	3-inch HMA Pavement, 5 LT 58-28 S	Tons	642	\$148.05	\$95,048.10	\$165.50	\$106,251.00	\$220.00	\$141,240.00		
7	6-inch Concrete Bike Rack Pad	SF	96	\$15.00	\$1,440.00	\$20.00	\$1,920.00	\$70.00	\$6,720.00		
8	10-ft. Vinyl Coated Fence	LF	767	\$90.00	\$69,030.00	\$105.00	\$80,535.00	\$100.00	\$76,700.00		
9	4-ft. Vinyl Coated Fence	LF	79	\$46.50	\$3,673.50	\$80.00	\$6,320.00	\$78.00	\$6,162.00		
10	3-ft. Vinyl Coated Gate	Each	2	\$925.00	\$1,850.00	\$3,375.25	\$6,750.50	\$4,000.00	\$8,000.00		
11	Pickleball Net Posts/Ground Sleeves	Each	8	\$475.00	\$3,800.00	\$860.00	\$6,880.00	\$775.00	\$6,200.00		
12	Pickleball Nets/Center Strap & Anchors	Each	4	\$450.00	\$1,800.00	\$722.20	\$2,888.80	\$650.00	\$2,600.00		
13	Tennis Net Posts/Ground Sleeves	Each	4	\$475.00	\$1,900.00	\$957.38	\$3,829.52	\$850.00	\$3,400.00		
14	Tennis Net/Center Strap & Anchors	Each	2	\$750.00	\$1,500.00	\$700.00	\$1,400.00	\$850.00	\$1,700.00		
15	All Court and Asphalt Coatings with Linework, and Painting	LS	1	\$112,000.00	\$112,000.00	\$88,495.00	\$88,495.00	\$89,000.00	\$89,000.00		
16	Concrete Net Footings	Each	12	\$560.00	\$6,720.00	\$1,455.90	\$17,470.80	\$1,400.00	\$16,800.00		
17	Silt Fence	LF	730	\$2.00	\$1,460.00	\$4.00	\$2,920.00	\$4.00	\$2,920.00		
18	Lawn Restoration	SY	325	\$10.00	\$3,250.00	\$10.00	\$3,250.00	\$17.00	\$5,525.00		
19	Bike Rack	Each	2	\$700.00	\$1,400.00	\$2,000.00	\$4,000.00	\$2,000.00	\$4,000.00		
20	Basketball Goal Assembly	Each	3	\$3,300.00	\$9,900.00	\$9,283.33	\$27,850.00	\$10,000.00	\$30,000.00		
21	Saw Cut Curb Head	LF	6	\$50.00	\$300.00	\$30.00	\$180.00	\$150.00	\$900.00		
22	Saw Cut Asphalt Pavement	LF	10	\$5.00	\$50.00	\$30.00	\$300.00	\$75.00	\$750.00		
TOTAL BASE BID PRICE					\$403,206.60		\$446,469.12		\$504,717.00		

PROJECT NAME: RE-BID: JACKSON PARK TENNIS - PICKLEBALL COURTS				Vinton Construction Company P.O. Box 1987 Manitowoc, WI 54221-1987		Property Solutions Contracting LLC 7245 W. Concord Creek Mequon, WI 53092		Payne & Dolan, Inc. N3 W23650 Badinger Road Waukesha, WI 53187			
PROJECT NO: CONTRACT A-23											
ITEM NO.	ITEM DESCRIPTION	UNIT	QTY	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
ADDITIVE ALTERNATE BID ITEM(S):											
<i>Additive and/or Deductive Alternate Bid Items.</i> The additive and/or deductive alternate bid items listed below are bid items that the Owner may select based on the cost-effective analysis after the bid opening and before the contract is awarded. The Contractor is required to complete this bid schedule and include it with the bid. The additive and/or deductive alternate bid items listed below will be used for determining the low bidder.											
Additive Alternate Bid Item 1:											
ALT 1	6-ft. Vinyl Coated Fence, (ADD)	LF	291	\$53.00	<u>\$15,423.00</u>	\$59.29	<u>\$17,253.39</u>	\$52.00	<u>\$15,132.00</u>		
Deductive Alternate Bid Item 2:											
ALT 2	10-ft. Vinyl Coated Fence, (DEDUCT)	LF	291	(\$71.00)	<u>(\$20,661.00)</u>	(\$66.10)	<u>(\$19,235.10)</u>	(\$66.00)	<u>(\$19,206.00)</u>		
Additive Alternate Bid Item 3:											
ALT 3	Benches, (ADD)	Each	8	\$2,250.00	<u>\$18,000.00</u>	\$2,200.00	<u>\$17,600.00</u>	\$3,800.00	<u>\$30,400.00</u>		

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PLAYGROUND
(MULCH)

BASKETBALL COURT LINES
2" WIDE, WHITE
SEE DETAIL FOR COLORS

NEW GOALSETTER MVP
BASKETBALL HOOPS,
72" ACRYLIC BACKBOARD,
GS HD BREAKAWAY RIM,
KEYED PINLOCK TO LOCK
HEIGHT. CONFIRM
FEATURES WITH VILLAGE

NEW TENNIS COURT
NET & POSTS

LIGHT POLE
BASE (TYP)

TENNIS COURT LINES
2" WIDE, WHITE,
SEE DETAIL

PROPOSED ASPHALT
PAVEMENT AND BASE

PARK STREET

SAWCUT CURB HEAD

PROPOSED 6' WIDE ASPHALT
PATH TO FOLLOW EXISTING
GRADE

PROTECT DISK GOLF

TEMP. PICKLEBALL NETS
& POSTS, NOT INCLUDED

ALT. BID
NEW BENCHES
(TYP)

NOTE:
FOR ASPHALT PAVEMENT COLORS
SEE DETAIL.

PICKLEBALL COURT LINES
2" WIDE, YELLOW
CONFIRM COLOR WITH
VILLAGE, SEE DETAIL

PROPOSED 4' HIGH
COATED FENCE, GREEN

ALT. BID
6' HIGH COATED
FENCE, GREEN, AROUND
PICKLEBALL COURTS

NEW PICKLEBALL NETS
& POSTS

PROPOSED 10' HIGH
COATED FENCE, GREEN

PROPOSED 6'x8'x6" CONC
SLAB FOR BIKE RACK

SCALE:
0 10 20 40

BM#3
TOP OPERATING NUT
EL: 885.18

JACKSON DRIVE

VILLAGE OF JACKSON
JACKSON PARK TENNIS-PICKLEBALL COURTS
WASHINGTON COUNTY, WISCONSIN
SITE PLAN

SHEET NO.

5 of 9

Cedar
corporation

1820 Waton Commons W.
Cedarburg, WI 53012
608-222-3750
FAX 608-222-3684

1805 Ridgeway Street
Green Bay, WI 54311
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May 11, 2022
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SCALE:
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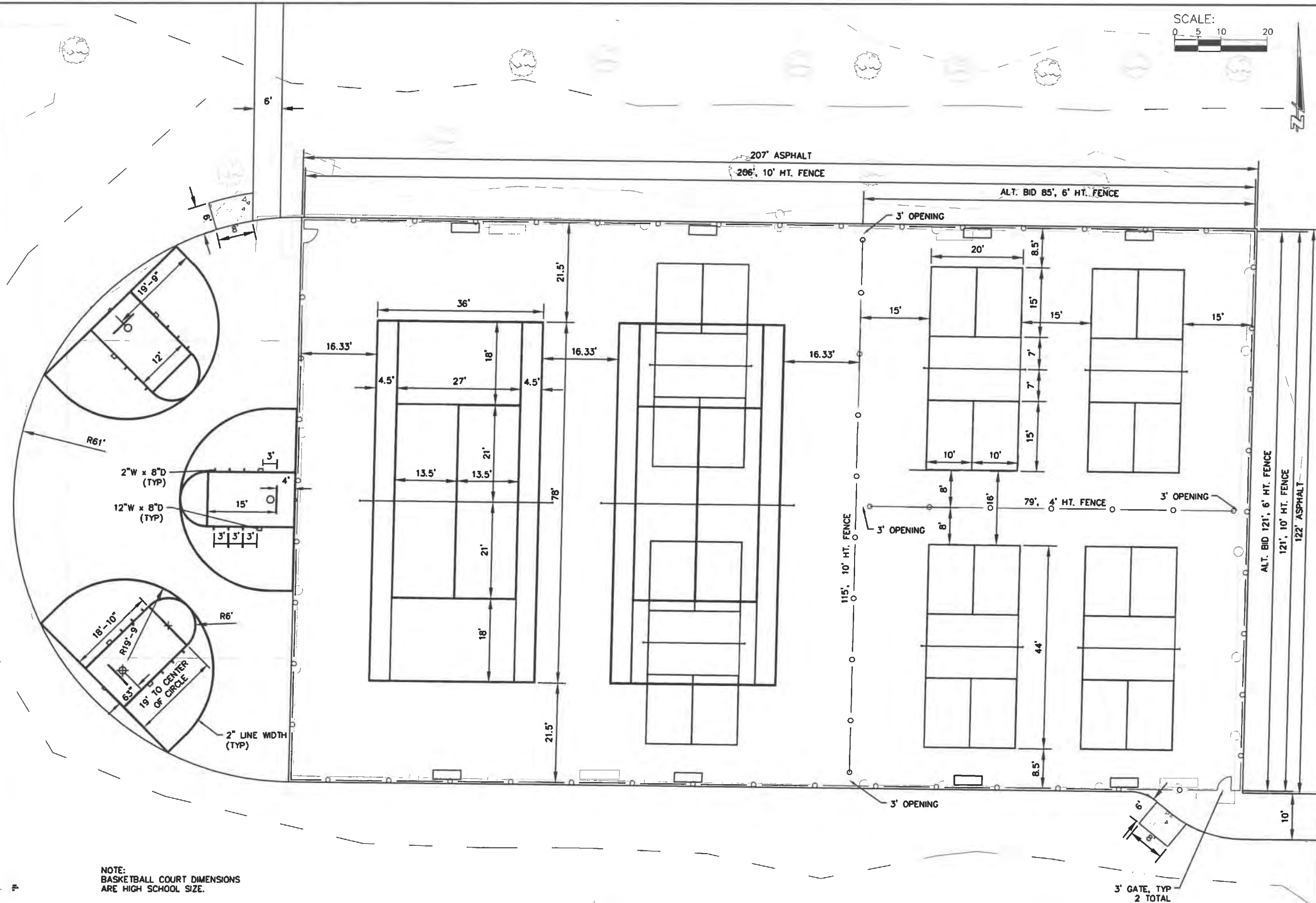
NOTE:
BASKETBALL COURT DIMENSIONS
ARE HIGH SCHOOL SIZE.

VILLAGE OF JACKSON
JACKSON PARK TENNIS-PICKLEBALL COURTS
WASHINGTON COUNTY, WISCONSIN
GEOMETRY PLAN

SHEET NO.
6 OF 9

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TEL 608-249-5888

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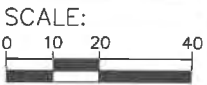


GRADING NOTES:

- * THE CONTRACTOR SHALL VERIFY ALL EXIST. CONDITIONS.
- * THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING LOCATIONS OF EXIST. UTILITIES.
- * RESTORE ALL DISTURBED AREAS NOT COVERED BY HARD SURFACES W/ 5" OF TOPSOIL, SEED, MULCH & FERTILIZER.

EROSION CONTROL NOTES:

- * THE CONTRACTOR SHALL INSTALL APPROPRIATE EROSION CONTROL MEASURES AS THE FIRST CONSTRUCTION ACTIVITY
- * SEED, MULCH & FERTILIZE ALL DISTURBED AREAS WITH 5" OF TOPSOIL.
- * ADJUST OR ADD SILT FENCE AS NEEDED TO PREVENT SEDIMENT FROM LEAVING THE CONSTRUCTION SITE.
- * INSTALL SILT FENCE AS NEEDED AROUND ANY TEMPORARY SOIL STORAGE PILES.
- * ALL DISTURBED AREAS LEFT FOR MORE THAN 14 DAYS SHALL BE STABILIZE W/ SEED & MULCH TO PREVENT EROSION.
- * THE CONTRACTOR SHALL FOLLOW ALL PRACTICES AS DEFINED IN THE WI DNR TECHNICAL STANDARDS FOR CONSTRUCTION SITE EROSION & SEDIMENT CONTROL.



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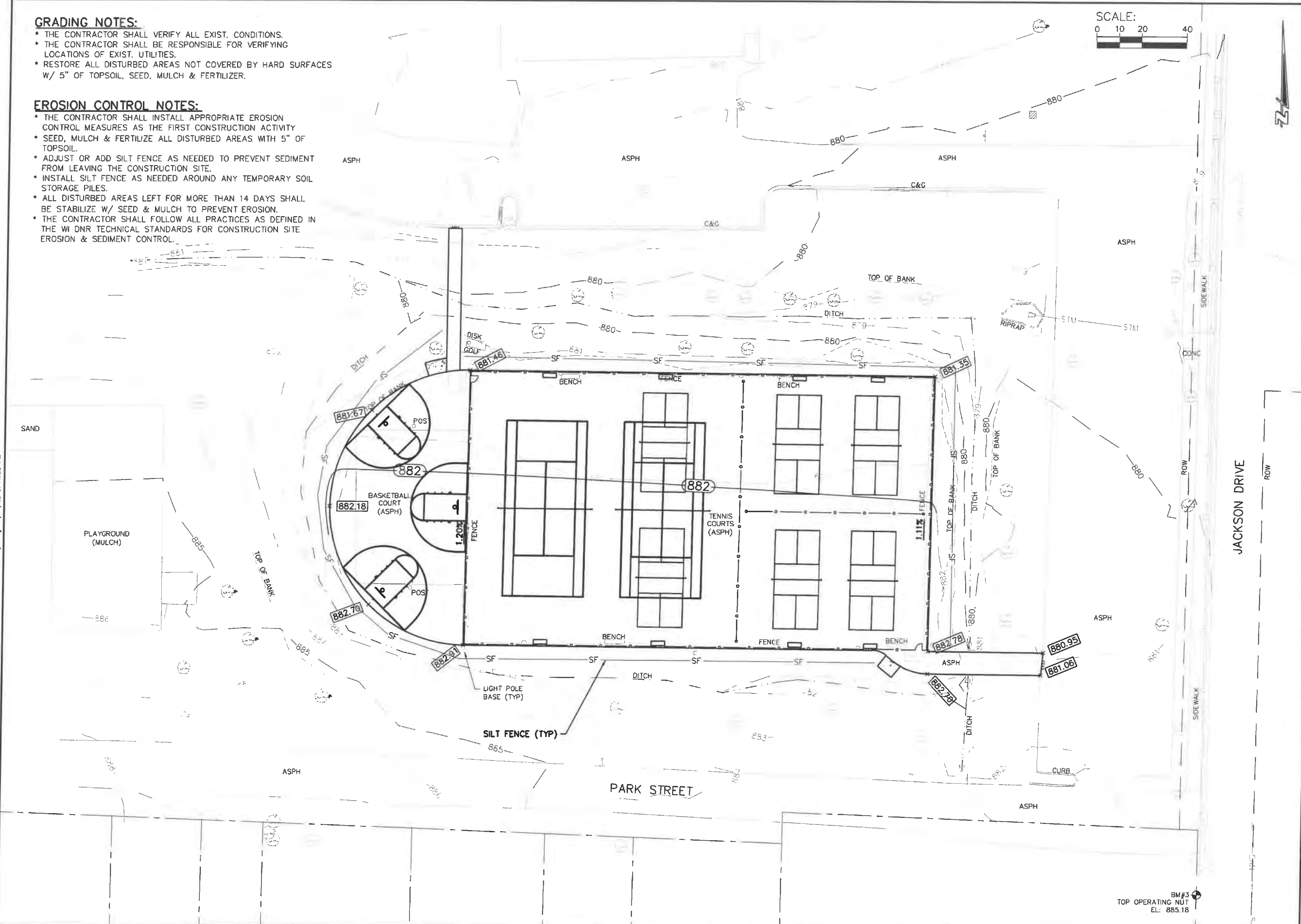
504 Wilson Ave.
Green Bay, WI 54311
715-235-9081
FAX 715-235-2727

1820 Walton Commons W.
Madison, WI 53718
608-249-5045
FAX 608-249-5044

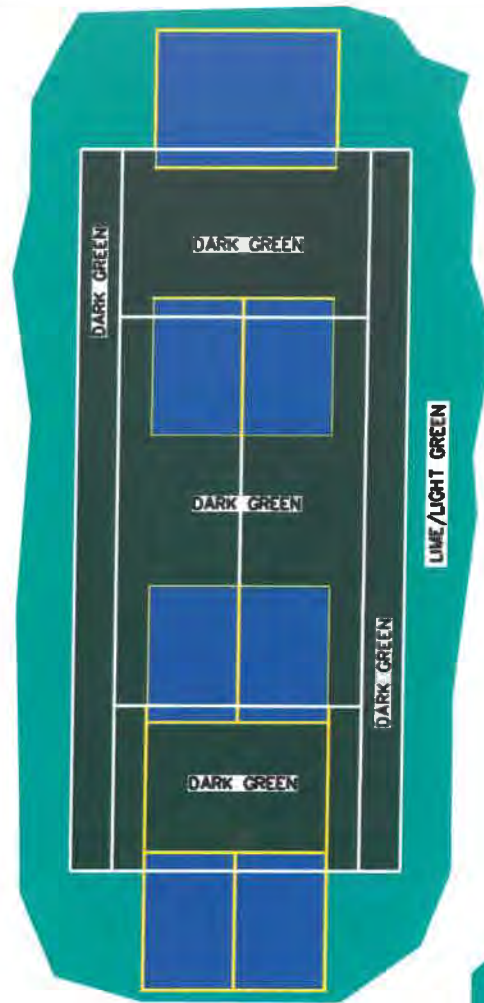
W614497 Washington Ave.
Cedarburg, WI 53012
FAX 262-375-2688

VILLAGE OF JACKSON
JACKSON PARK TENNIS-PICKLEBALL COURTS
WASHINGTON COUNTY, WISCONSIN
GRADING AND EROSION CONTROL PLAN

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BM#3
TOP OPERATING NUT
EL: 885.18



TENNIS COURT COLORS

NOTE: ALL LINES, 2" WIDE, WHITE. AREAS OUTSIDE OF COURTS, LIME/LIGHT GREEN, VERIFY EXACT COLOR WITH VILLAGE.



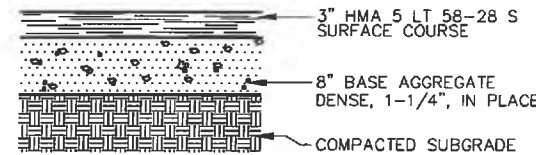
PICKLEBALL COURT COLORS

NOTE: ALL LINES, 2" WIDE, YELLOW. AREAS OUTSIDE OF COURTS, LIME/LIGHT GREEN, VERIFY EXACT COLOR WITH VILLAGE.



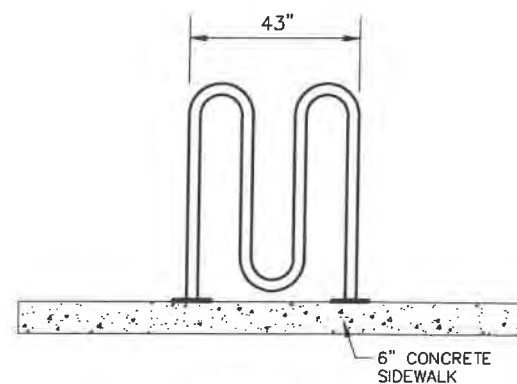
BASKETBALL COURT COLORS

NOTE: ALL LINES, 2" WIDE, WHITE. AREAS OUTSIDE OF COURTS, LIME/LIGHT GREEN, VERIFY EXACT COLOR WITH VILLAGE.



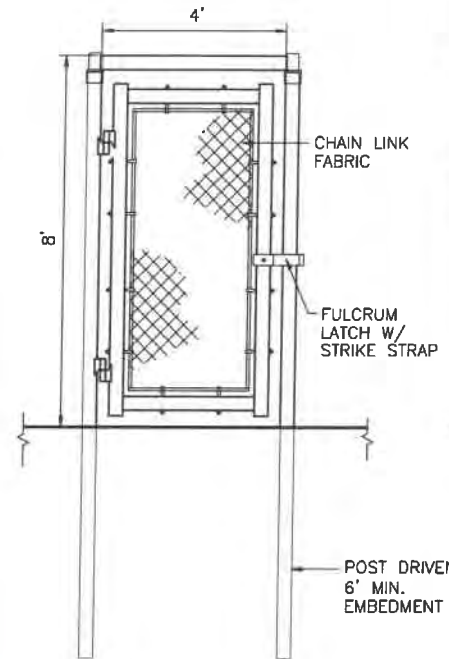
ASPHALT TYPICAL SECTION
NO SCALE

NOTE: ASPHALT, BASE COURSE & COMPACTION SHALL BE SUPPLIED & INSTALLED AS PER W DOT STANDARD SPEC. FOR HWY & STRUCTURE CONSTRUCTION, LATEST ED.

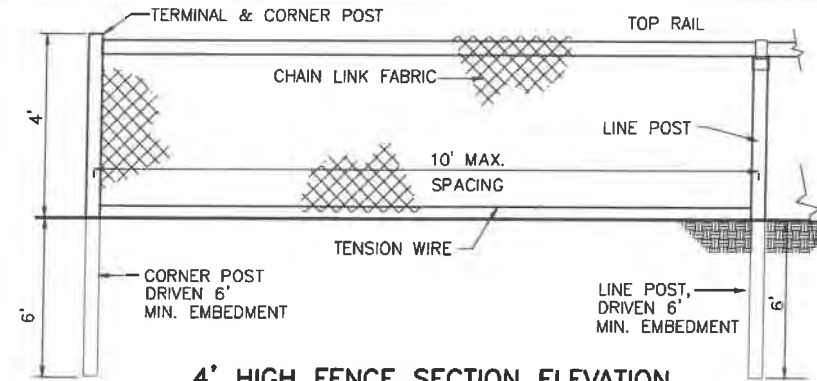


3 LOOP WAVE BIKE RACK DETAIL
NO SCALE

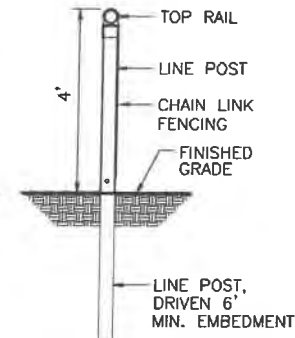
NOTES:
* 3 LOOP WAVE RACK BY ULINE
MODEL NO. H-2543BL OR APPROVED EQUAL.
* FINISH SHALL BE BLACK POWDER COATING.



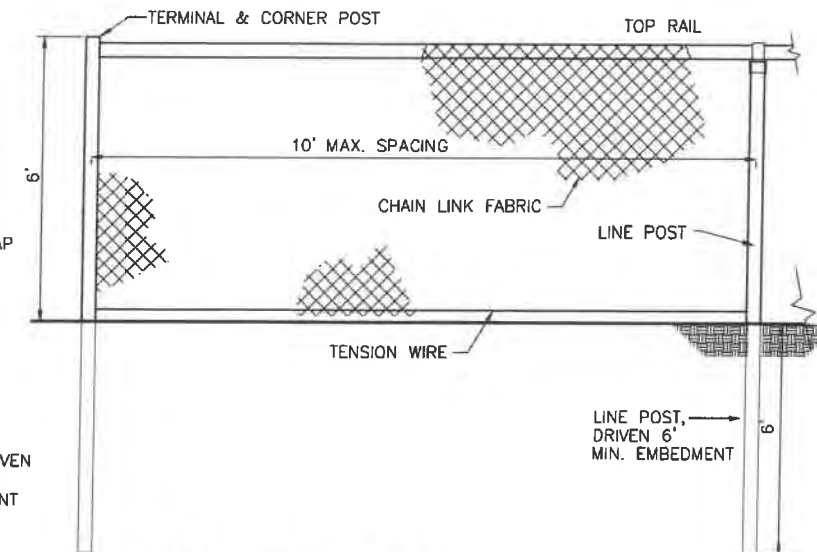
3' GATE ELEVATION
NO SCALE



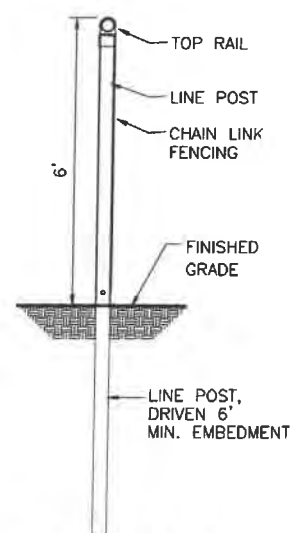
4' HIGH FENCE SECTION ELEVATION
NO SCALE



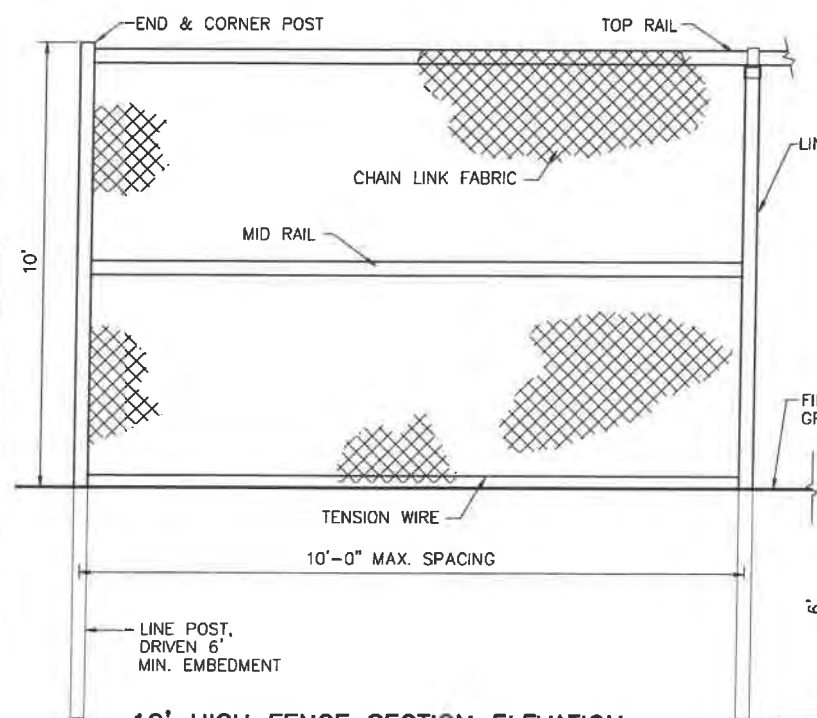
LINE POST DETAIL
NO SCALE



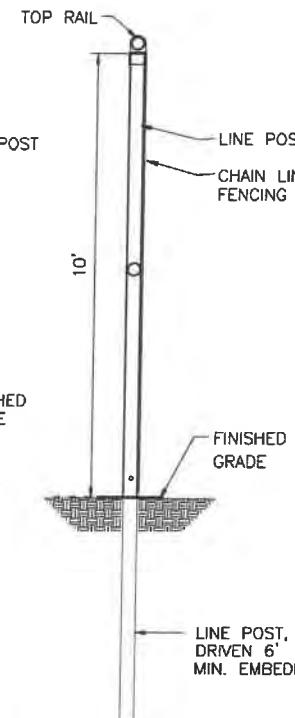
ALT. BID 6' HIGH FENCE SECTION ELEVATION
NO SCALE



LINE POST DETAIL
NO SCALE



10' HIGH FENCE SECTION ELEVATION
NO SCALE



LINE POST DETAIL
NO SCALE

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land surveys • landscape architects • interior designers

Cedar corporation

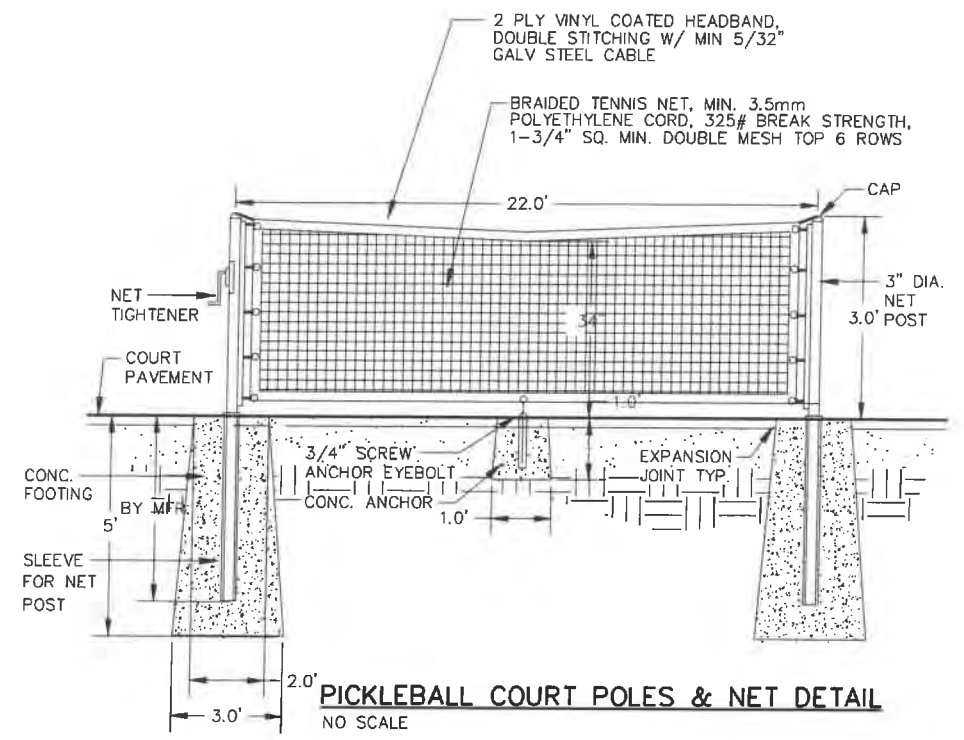
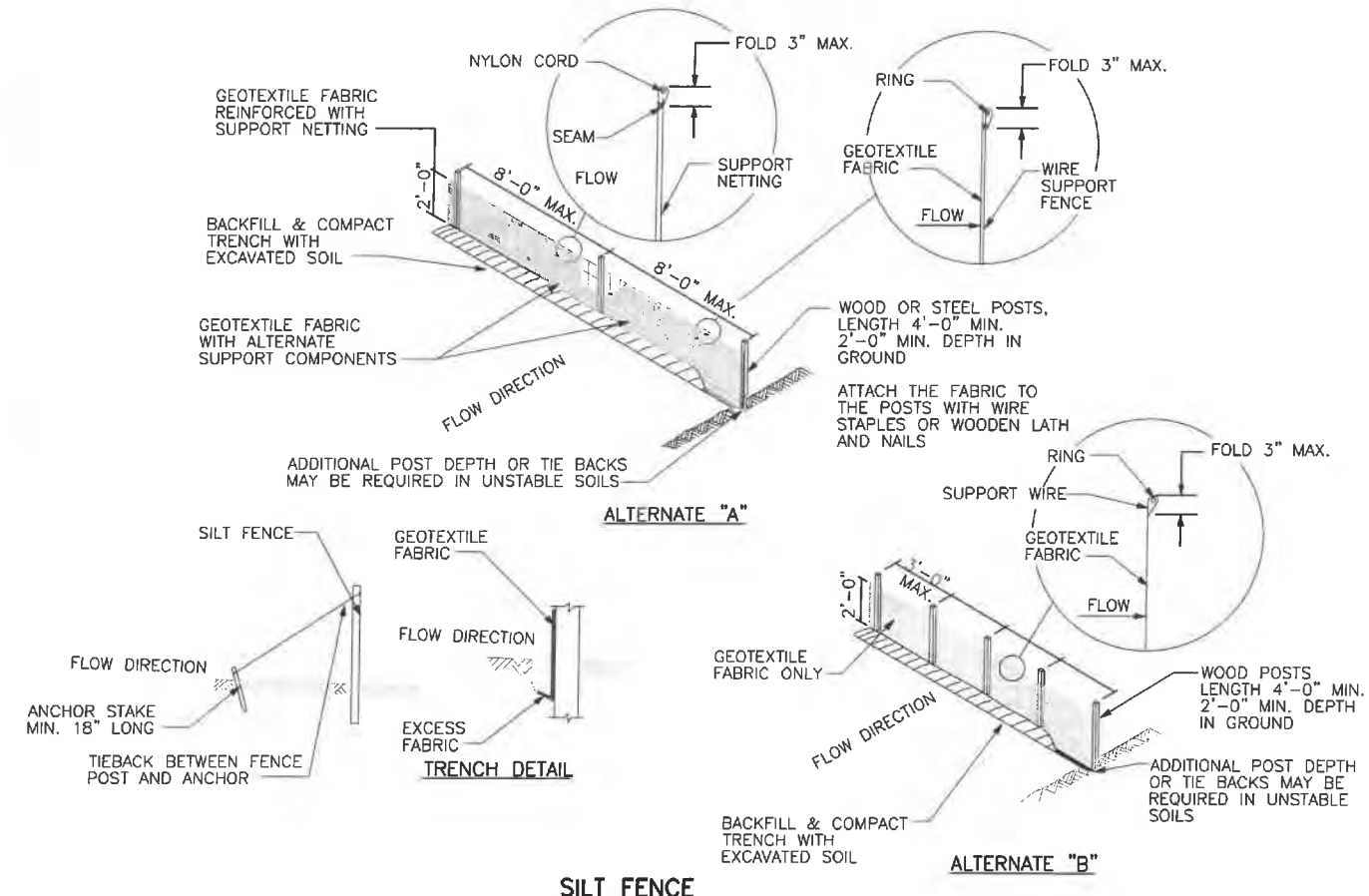
2820 Nelson Commons W.
Suite 142
Westborough, MA 01581
508-336-3371
FAX 508-336-3372

1895 Belvidere Street
Green Bay, WI 54301
920-491-9020
FAX 920-491-9020

604 Main Ave.
Menomonee, WI 54751
920-235-2727
FAX 920-235-2727

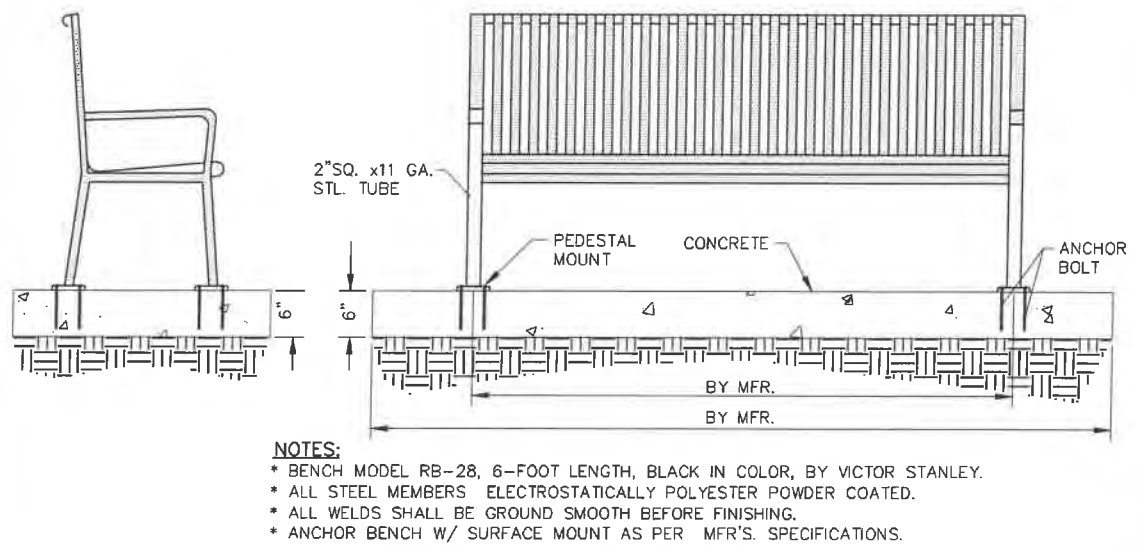
VILLAGE OF JACKSON
JACKSON PARK TENNIS-PICKLEBALL COURTS
WASHINGTON COUNTY, WI
STANDARD DETAILS

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NOTES:

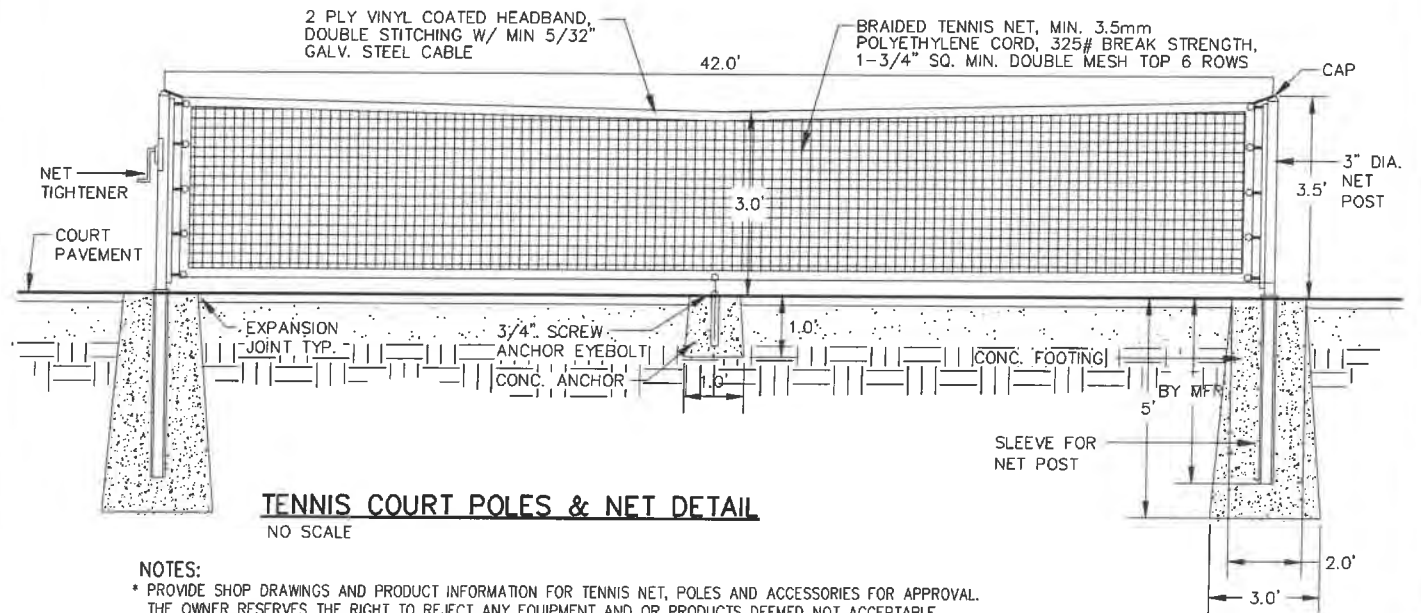
- * PROVIDE SHOP DRAWINGS AND PRODUCT INFORMATION FOR PICKLEBALL NET, POLES AND ACCESSORIES FOR APPROVAL. THE OWNER RESERVES THE RIGHT TO REJECT ANY EQUIPMENT AND OR PRODUCTS DEEMED NOT ACCEPTABLE.
- * ALL COMPONENTS SHALL BE UV, ROT, MILDEW & RUST RESISTANT.
- * PROVIDE SYSTEM FOR ADJUSTING THE TENTION OF THE NET.



NOTES:

- * BENCH MODEL RB-28, 6-FOOT LENGTH, BLACK IN COLOR, BY VICTOR STANLEY.
- * ALL STEEL MEMBERS ELECTROSTATICALLY POLYESTER POWDER COATED.
- * ALL WELDS SHALL BE GRIND SMOOTH BEFORE FINISHING.
- * ANCHOR BENCH W/ SURFACE MOUNT AS PER MFR'S SPECIFICATIONS.

ALT. BID BENCH DETAIL
NO SCALE



NOTES:

- * PROVIDE SHOP DRAWINGS AND PRODUCT INFORMATION FOR TENNIS NET, POLES AND ACCESSORIES FOR APPROVAL. THE OWNER RESERVES THE RIGHT TO REJECT ANY EQUIPMENT AND OR PRODUCTS DEEMED NOT ACCEPTABLE.
- * ALL COMPONENTS SHALL BE UV, ROT, MILDEW & RUST RESISTANT.
- * PROVIDE SYSTEM FOR ADJUSTING THE TENTION OF THE NET.

VILLAGE OF JACKSON
JACKSON PARK TENNIS-PICKLEBALL COURTS
WASHINGTON COUNTY, WI
STANDARD DETAILS

JOB NO.	05789-0015
BOOK NO.	
DRAWN BY	BJG
CHECKED BY	RDD
DATE	May 11, 2022
REVISIONS	
REFERENCE FILE	
DRAWING FILE	

www.cedarcorp.com
800-472-7372

Cedar corporation
engineers • architects • planners • environmental specialists
and surveyors • landscape architects • interior designers

2820 Walton Commons W.
Suite 142
Madison, WI 53718
Phone: 608-261-3502
FAX: 608-261-3503

1895 Bellvue Street
Green Bay, WI 54311
Phone: 920-801-8020
FAX: 920-801-8020

604 Wilson Ave.
Manomono, WI 54751
Phone: 715-252-2727
FAX: 715-252-2727

Memo

To: Jen Keller, Village Administrator
From: Brian W. Kober, P. E., Director of Public Works 
Subject: STH 60 (Main St) – Streetlighting Replacement Project
Date: January 26, 2023
CC: Village Board; Board of Public Works

Per the scheduled reconstruction of STH 60 (Main Street) by WisDOT in 2024, and the Jackson Sewer and Water Utilities taking the opportunity to replace underground utility prior to the road reconstruction, the next item for the Village is to address the failing streetlights along STH 60. The current poles are owned and operated by We-Energies, and We-Energies has stated they will not replace any of the streetlights before the WisDOT reconstruction project. The opportunity is here for the Village to install their own lights and have the We-Energies lights removed.

KL Engineering has been hired to help in the design and selection of the new streetlights. Currently there are 68 poles with 33 flags, and 35 banners. The plan is to reduce the number of poles to 36, which will create a cost savings for the Village. The Village pays for the streetlights (poles rental charge and electric) now along STH 60.

We have narrowed the vendor selection down to two companies. We are waiting on final cost on the two final poles and fixtures to make the final decision. Once the pole and fixture are selected, the installation portion of the project will be bid for construction.

There are other items (pole locations, electric services, We-Energies approval, WisDOT approval, etc.) that need to be worked out for the project, although, we would like to pause to make sure the Village is aware of the project and the project is heading in the right direction.

If you have any questions, please let me know.

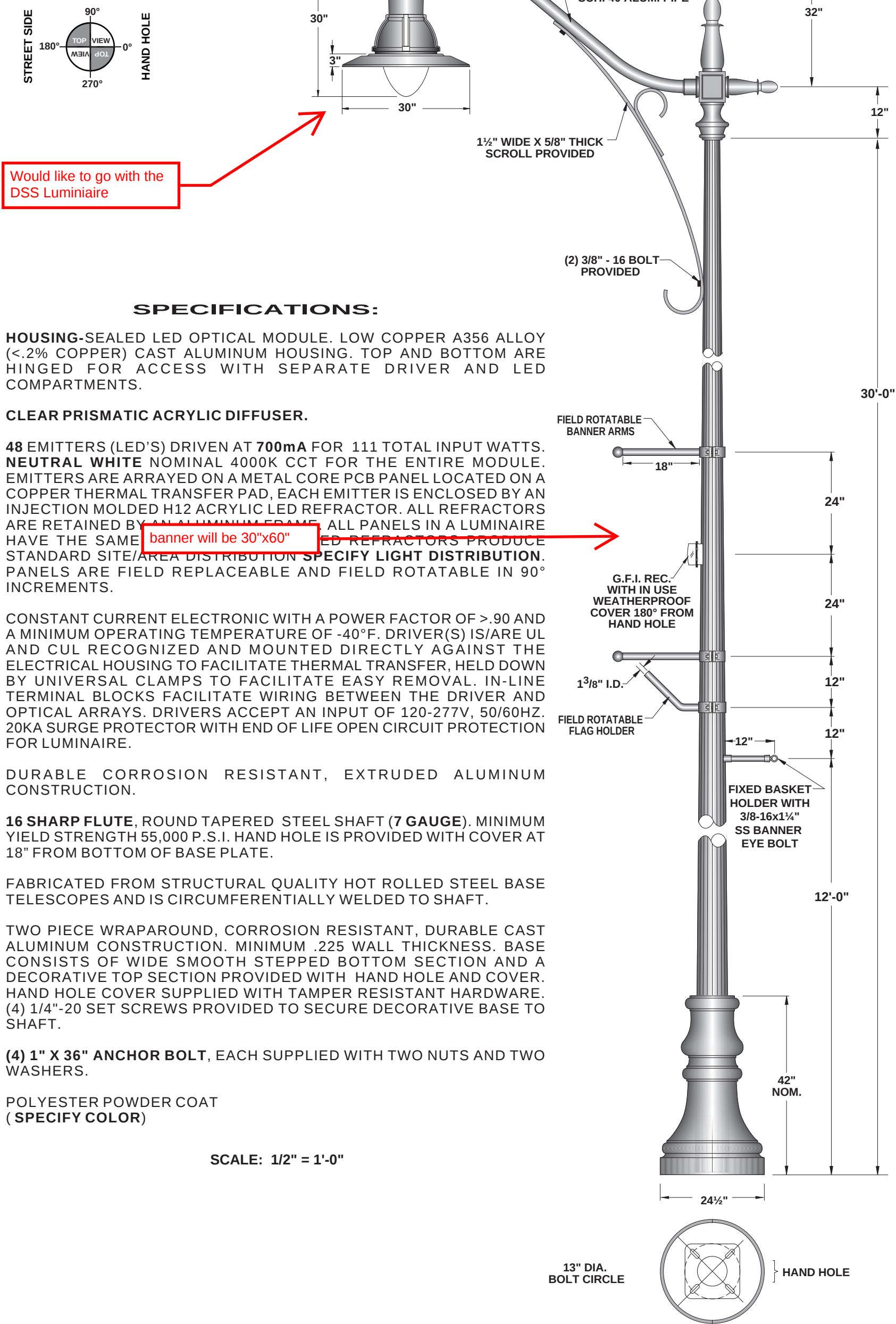
Brian W. Kober, P.E.

CUSTOMER APPROVAL:

X _____ DATE: _____

A signed approval will be required with the released order

PROPRIETARY SUBMITTAL, DO NOT MODIFY.



SPECIFICATIONS:

LUMINAIRE: HOUSING-SEALED LED OPTICAL MODULE. LOW COPPER A356 ALLOY (<.2% COPPER) CAST ALUMINUM HOUSING. TOP AND BOTTOM ARE HINGED FOR ACCESS WITH SEPARATE DRIVER AND LED COMPARTMENTS.

DIFFUSER: CLEAR PRISMATIC ACRYLIC DIFFUSER.

P-LED: 48 EMITTERS (LED'S) DRIVEN AT 700mA FOR 111 TOTAL INPUT WATTS. **SYSTEM** NEUTRAL WHITE NOMINAL 4000K CCT FOR THE ENTIRE MODULE. EMITTERS ARE ARRAYED ON A METAL CORE PCB PANEL LOCATED ON A COPPER THERMAL TRANSFER PAD, EACH EMITTER IS ENCLOSED BY AN INJECTION MOLDED H12 ACRYLIC LED REFRACTOR. ALL REFRACTORS ARE RETAINED BY AN ALUMINUM FRAME. ALL PANELS IN A LUMINAIRE HAVE THE SAME LED REFRACTORS PRODUCE STANDARD SITE/AREA DISTRIBUTION. SPECIFY LIGHT DISTRIBUTION. PANELS ARE FIELD REPLACEABLE AND FIELD ROTATABLE IN 90° INCREMENTS.

DRIVERS: CONSTANT CURRENT ELECTRONIC WITH A POWER FACTOR OF >.90 AND A MINIMUM OPERATING TEMPERATURE OF -40°F. DRIVER(S) IS/ARE UL AND CUL RECOGNIZED AND MOUNTED DIRECTLY AGAINST THE ELECTRICAL HOUSING TO FACILITATE THERMAL TRANSFER, HELD DOWN BY UNIVERSAL CLAMPS TO FACILITATE EASY REMOVAL. IN-LINE TERMINAL BLOCKS FACILITATE WIRING BETWEEN THE DRIVER AND OPTICAL ARRAYS. DRIVERS ACCEPT AN INPUT OF 120-277V, 50/60HZ. 20KA SURGE PROTECTOR WITH END OF LIFE OPEN CIRCUIT PROTECTION FOR LUMINAIRE.

ARM: DURABLE CORROSION RESISTANT, EXTRUDED ALUMINUM CONSTRUCTION.

SHAFT: 16 SHARP FLUTE, ROUND TAPERED STEEL SHAFT (7 GAUGE). MINIMUM YIELD STRENGTH 55,000 P.S.I. HAND HOLE IS PROVIDED WITH COVER AT 18" FROM BOTTOM OF BASE PLATE.

ANCHOR BASE: FABRICATED FROM STRUCTURAL QUALITY HOT ROLLED STEEL BASE TELESCOPES AND IS CIRCUMFERENTIALLY WELDED TO SHAFT.

DECORATIVE BASE: TWO PIECE WRAPAROUND, CORROSION RESISTANT, DURABLE CAST ALUMINUM CONSTRUCTION. MINIMUM .225 WALL THICKNESS. BASE CONSISTS OF WIDE SMOOTH STEPPED BOTTOM SECTION AND A DECORATIVE TOP SECTION PROVIDED WITH HAND HOLE AND COVER. HAND HOLE COVER SUPPLIED WITH TAMPER RESISTANT HARDWARE. (4) 1/4"-20 SET SCREWS PROVIDED TO SECURE DECORATIVE BASE TO SHAFT.

ANCHORAGE: (4) 1" X 36" ANCHOR BOLT, EACH SUPPLIED WITH TWO NUTS AND TWO WASHERS.

FINISH: POLYESTER POWDER COAT (SPECIFY COLOR)

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

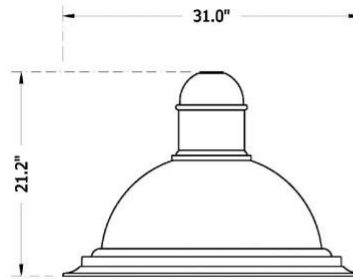


SYM.	REVISION	BY	DATE	660 WEST AVENUE O, PALMDALE, CA.93551 Ph. (661) 233-2000 - Fax (661) 233-2001
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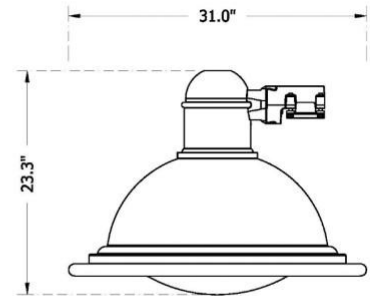
		PART NO.				
		DR'N	CHK'D	MAT'L		
		DATE 12/20/22	SCALE	SHEET		
TOLERANCE UNLESS NOTED		DESCRIPTION CS-8046				

Project Name _____ Qty _____

Type _____ Catalog / Part Number _____



1531LED-F-FG



1531LED-SM-R-SG

CCT - Color Temperature (K)**7 Year Warranty****IP Rating****Certifications****Description**

The 1531LED Omega™ is a decorative and energy efficient downlight fixtures with a spun aluminum bell styled dome. The luminaire has a gasketed hinged door for tool-less driver and LED access. Offered in a variety of mounting configurations, wattages, CCT's and distribution types makes this product the premier option for any Urban, Roadway or Area-Light application.

EPA: 1.16 (ft²)**WEIGHT: 50 LBS****Features**

Mounting Configuration	1W: Wall Mount	1A: 1 Arm Mount
	2A: 2 Arm Mount @ 180°	2A90: 2 Arm Mount @ 90°
	3A: 3 Arms @ 120°	3A90: 3 Arms @ 90°
	4A: 4 Arms @ 90°	1AM: 1 Arm Mid-Mount
	2AM: 2 Arm Mid-Mount @ 180	SH44: SH44 Stem Hung
	CH44: Chain Hung	CAT: CAT Catenary

Optional Control Receptacle	R7: 7-Pin control receptacle only
------------------------------------	--

Optional Control	PE: Twist-Lock Photocontrol (120V-277V)
	PE4: Twist-Lock Photocontrol (347V-480V)
	SC: Shorting Cap
	PEC: Electronic Button Photocontrol (120V-277V)
	PEC4: Electronic Button Photocontrol (480V)

Optional Fuse	FHD: Double Fuse and Holder
----------------------	------------------------------------

Optional Hangstraight	HS HS: Standard Horizontal Hangstraight, Spike Finial
	HS HN: Standard Horizontal Hangstraight, No Finial
	HS HB: Standard Horizontal Hangstraight, Ball Finial
	H SCB: Clamp Style Horizontal Hangstraight, Ball Finial
	H SCS: Clamp Style Horizontal Hangstraight, Spike Finial
	H SCN: Clamp Style Horizontal Hangstraight, No Finial
	EZ: Vertical Hangstraight, Large, "EZ" Mount



555 Lawrence Avenue | Roselle, IL 60172 | p 847.588.3400 | www.sternberglighting.com

CONCEPTUAL ASSEMBLY DRAWING, SUBJECT TO ENGINEERING VERIFICATION BY THE FACTORY

NUMBER OF ARMS: 1A-

Number of Arms: One Arm (1A)

ARM ROADWAY FIXTURE: 1531LED

The 1531LED Omega is a large scale, decorative downlight fixture with a spun aluminum bell styled dome. The dome is available with two types of shades: round edge or flare edge styles. The luminaire measures 31" outside diameter and 21-1/2" overall height. The luminaire has a hinged door for tool-less driver and LED access. The luminaire is UL listed in US and Canada.

Shade Style & Flared (F)

Mounting:

LIGHT SOURCE: -40L40T5-MDL016-FG

Array: 40 LEDs, 178W for MD_016 (40L)

Color Temp: 4000K (40)

Distribution: Type 5 (T5)

Driver: Multi-Volt Dimmable Low-Range Driver - 120-277V, 160mA (MDL016)

Lens: Flat Glass (FG)

ROADWAY OPTIONS: -HSHN

Hangstraight: Horizontal HS No Finial (HSHN)

ARM: CAS6

POLE: /9230ARTF/16FF/FDC/

The 9201SS Oxford clam shell base is designed with sixteen long curved flutes which gracefully slope to a decorative scalloped ring. It is constructed of heavy wall, 356 alloy cast aluminum. Throat size is 7" to 10" diameter.

Model: 9201 Oxford (/92)

Height: 30 Ft (30)

Shaft Material: Aluminum (A)

Shaft Type: Round Tapered Fluted 16 Flat Flutes (RTF/16FF)

Finial: Flat Dome (Tapered Shaft) (FDC)

ACCESSORY: GFILP-IUC

Ground-fault interrupter with duplex receptacle and low-profile in-use cover.

Model: GFILP-IUC

ACCESSORY: SPA

Single Planter Arm (SPA)

Model: SPA

ACCESSORY: FH

Flag pole holder mounts to the side of the pole and is made from heavy-wall aluminum. Flag by others.

Model: FH

ACCESSORY: DBA

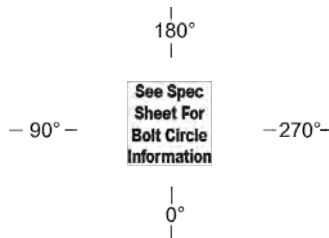
Made from heavy-wall aluminum, double banner arms mount to the side of the pole and measure 36" between post centers. Banners by others.

Model: Double Banner Arm, 18" X 36" (DBA)

FINISH: BKT

Assembly shall be powder coated to Black Textured finish. Prior to coating, the assembly shall be chemically cleaned and etched in a 5-stage washing system which includes alkaline cleaning, rinsing, phosphoric etching, reverse osmosis water rinsing, and non-chrome sealing to ensure corrosion resistance.

Arms and Accessory	Orientation
CAS6	180
Ground Fault Interrupter (GFILP-IUC)	180
Single Planter Arm (SPA)	0
Flag Pole Holder (FH)	180
Double Banner Arm (DBA)	0



See Specification Sheet

Access Door Orientation: 0°

Job Name:

Customer Signature:

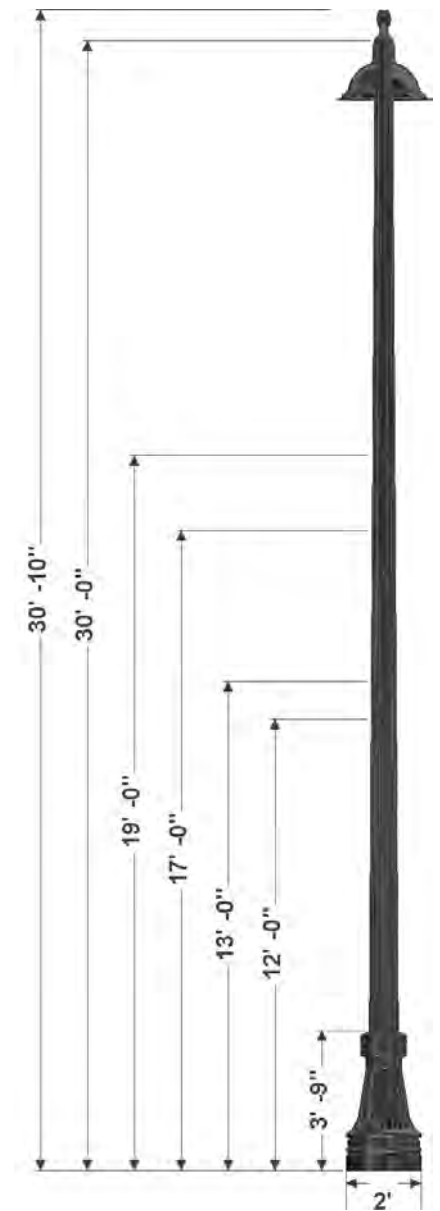
Drawing #45695

Job Location:

Date:

1 of 2

Catalog Number: 1A-1531LED-F-40L40T5-MDL016-FG-HSHN / CAS6 / 9230ARTF / 16FF / FDC / GFILP-IUC / SPA / FH / DBA / BKT



Catalog Number: 1A-1531LED-F-40L40T5-MDL016-FG-HSHN / CAS6 / 9230ARTF / 16FF / FDC / GFILP-IUC / SPA / FH / DBA / BKT

Project ID

VOJ 22-01

Project Information:
County: Washington

Highway: STH 60

Lighting Limits: Industrial Dr – BTWN Ridgeway Rd & Eagle Dr

Segment	ADT	Roadway Width	Median Width	Roadway Class	Pavement Type	Ped/Area Class
STH 60: Industrial Dr – Western Ave	12,800 (2019)	34'	N/A	Major	R3	Low
STH 60: Western Ave – Center St	12,800 (2019)	34'	N/A	Major	R3	Low
STH 60: Center St – Jackson Dr	12,800 (2019)	34'	N/A	Major	R3	Low
STH 60: Jackson Dr – Ridgeway Rd	8,700 (2019)	34'	N/A	Major	R3	Low

Intersection	Design Year ADT	Classification	Pavement Type	Pedestrian Area Classification
STH 60 & Industrial Dr	12,800/1,700	Major/Collector	R3	Low
STH 60 & Western Ave	12,800/	Major/Local	R3	Low
STH 60 & Center St	12,800/	Major/Collector	R3	Low
STH 60 & Jackson Dr	12,800/2,700	Major/Collector	R3	Low
STH 60 & Ridgeway Rd	8,700/	Major/Local	R3	Low

Luminaires Used in Modeling

Luminaire Description	IES Distribution & BUG Rating	Mounting Height	Watts	Initial Lumens	LLF
<u>Decorative Pendant – Sternberg Lighting</u> 1914LED-RLM431-3L40T3-MDL06-S	III B3-U0-G3	30'	96.6	13,022	0.85
<u>Decorative Acorn – Sternberg Lighting</u> A850-VC0B-4L40TS-MDL03	III B3-U4-G3	18'	55.1	6,263	0.85

Design Criteria Values - Segments**STH 60****Target Luminance:**

Average:	0.6 cd/m ²
Avg Uniformity (L_{avg}/L_{min}):	3.5:1
Max Uniformity (L_{max}/L_{min}):	6.0:1
Max Veiling Ratio (LV_{max}/L_{avg}):	0.3

Reference used for these targets: American National Standards Institute/Illuminating Engineering Society RP-8-21.

Design Criteria Values – Intersections**Major/Collector****Target Illuminance:**

Average:	1.4 fc
Uniformity:	3.0:1

Major/Local**Target Illuminance:**

Average:	1.2 fc
Uniformity:	3.0:1

Reference used for these targets: American National Standards Institute/Illuminating Engineering Society RP-8-21.

Results Summary From AGI 32

Segments

STH 60: Industrial Dr - Western Ave					
	Target	ALT 1	ALT 2	ALT 3	ALT 4
Average Luminance (Lavg)	0.6	0.53	0.55	0.52	0.56
Average Uniformity (Lavg/Lmin)	3.5:1	3.79:1	2.12:1	2.08:1	2.80:1
Max Uniformity (Lmax/Lmin)	6.0:1	10.07:1	6.04:1	6.16:1	6.70:1
Max Veiling Luminance Ratio (LVmax/Lavg)	0.3	0.38	2.75	3.27	2.86

STH 60: Western Ave - Center St					
	Target	ALT 1	ALT 2	ALT 3	ALT 4
Average Luminance (Lavg)	0.6	0.61	0.62	0.75	0.78
Average Uniformity (Lavg/Lmin)	3.5:1	3.81:1	2.30:1	2.59:1	2.69:1
Max Uniformity (Lmax/Lmin)	6.0:1	9.56:1	5.70:1	5.48:1	5.41:1
Max Veiling Luminance Ratio (LVmax/Lavg)	0.3	0.25	1.79	1.65	1.50

STH 60: Center St - Jackson Dr					
	Target	ALT 1	ALT 2	ALT 3	ALT 4
Average Luminance (Lavg)	0.6	0.59	0.61	0.62	0.79
Average Uniformity (Lavg/Lmin)	3.5:1	4.21:1	3.05:1	2.21:1	2.82:1
Max Uniformity (Lmax/Lmin)	6.0:1	13.0:1	9.55:1	6.57:1	6.75:1
Max Veiling Luminance Ratio (LVmax/Lavg)	0.3	0.25	1.56	1.69	1.28

STH 60: Jackson Dr - Ridgeway Rd					
	Target	ALT 1	ALT 2	ALT 3	ALT 4
Average Luminance (Lavg)	0.6	0.58	0.56	0.55	0.63
Average Uniformity (Lavg/Lmin)	3.5:1	3.87:1	2.95:1	2.20:1	3.71:1
Max Uniformity (Lmax/Lmin)	6.0:1	10.40:1	8.11:1	6.16:1	9.65:1
Max Veiling Luminance Ratio (LVmax/Lavg)	0.3	0.38	0.98	0.93	0.76

Results Summary From AGI 32

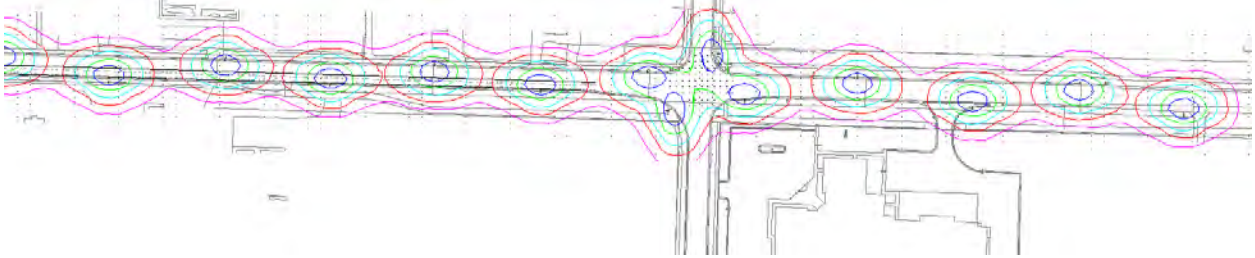
Intersections

STH 60 & Western Ave					
Illuminance					
Visual Output	Target	ALT 1	ALT 2	ALT 3	ALT 4
Average (fc)	1.2	1.43	1.48	1.47	1.47
		119%	123%	123%	123%
Average/Min	3.0:1	6.22:1	2.47:1	4.90:1	5.25:1
Min	0.20	0.23	0.6	0.3	0.28

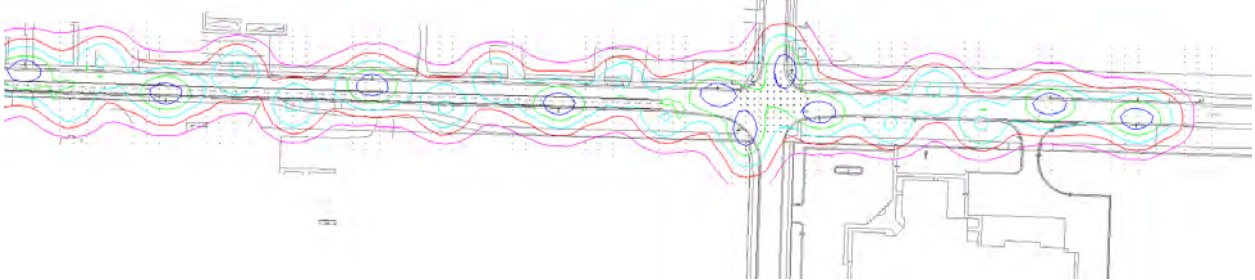
STH 60 & Center St					
Illuminance					
Visual Output	Target	ALT 1	ALT 2	ALT 3	ALT 4
Average (fc)	1.4	1.48	1.49	1.49	1.48
		106%	106%	106%	106%
Average/Min	3.0:1	3.44:1	3.39:1	3.47:1	3.44:1
Min	0.20	0.43	0.44	0.43	0.43

STH 60 & Ridgeway Rd					
Illuminance					
Visual Output	Target	ALT 1	ALT 2	ALT 3	ALT 4
Average (fc)	1.2	1.29	1.29	1.29	1.28
		108%	108%	108%	107%
Average/Min	3.0:1	3.79:1	3.79:1	3.79:1	3.88:1
Min	0.20	0.34	0.34	0.34	0.33

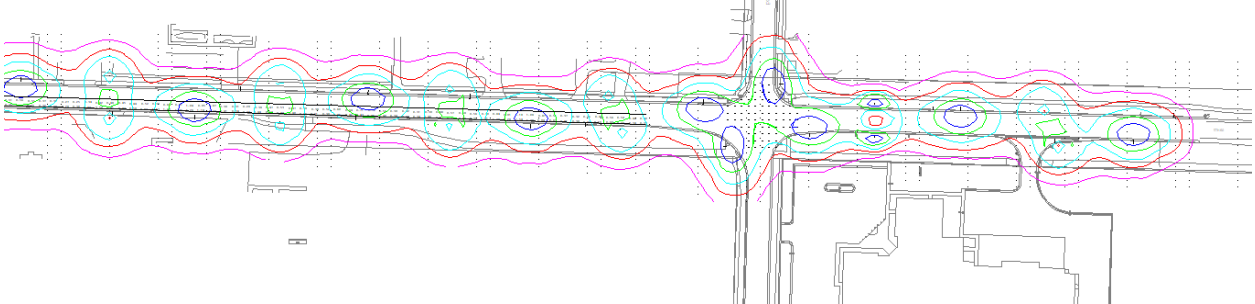
Alternate 1 Segment – 36 Pendants



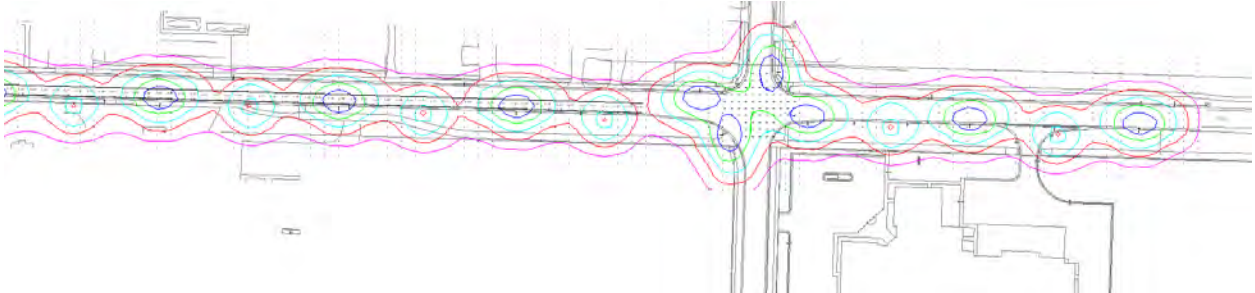
Alternate 2 Segment – 40 Acorns, 25 Pendants



Alternate 3 Segment – 40 Acorns, 27 Pendants



Alternate 4 Segment – 20 Acorns, 28 Pendants



Jackson Parks & Recreation
N165 W20330 Hickory Lane
Jackson, WI 53037
(262) 677-9665
parkrec@villageofjacksonwi.gov



MEMO

DATE 1/26/2023

TO	FROM	REGARDING
*Jackson Parks & Recreation Commission	Kelly Valentino, CPRP Jackson Parks & Recreation Director	Cedar Run Dog Park Idea/Visioning
*Jackson Village Board	kelly.valentino@villageofjacksonwi.gov	
*Jen Keller, Village Administrator	Phone Ext: (262) 677-9665 x113	
*Brian Kober, Public Works Director		

The Hasmer Lake Park Plan Public Information Community Survey brought to the surface the importance of a Dog Park in the Jackson Community. The creation of a Dog Park was also prevalent in the 2021 Parks, Recreation and Open Space Plan. Ideas, locations and important components have been discussed at length over the years, but never really materialized.

After a recent conversation with a resident about Cedar Run Park, a light bulb went off – CEDAR RUN DOG PARK. It already has most of the base requirements to create the park; acreage, open space, trails and the Village already owns it. It's a great starting point. The idea was ran past other Village staff and was also met with the same sense of excitement and possibility.

Attached is a very rough, not at all to scale drawing of what the CEDAR RUN DOG PARK could look like with some fencing, clearing, added parking etc....

The timing for presenting this vision could not be better, with the Hickory Lane Road Construction Project scheduled for 2024. When parlayed with the constuction project, it provides a cost effective way to add the additional parking stalls.

If the JPR Commission, PW Committee and Village Board were to approve the concept, the engineering and site plan could be completed in the fall of 2023. The construction of the park, again in conjunction with the timing of the Hickory Lane Road Project, could be completed in 2024.

Thank you for your time and consideration.

CEDAR RUN DOG PARK, JACKSON

Hand-drawn areas

- Fence
- open play areas
- Interior path system
- Small shelter
- Exterior Path (Non-Dog)
- mt Parking



RESOLUTION #23-04

**A RESOLUTION ESTABLISHING RATES FOR SEPTIC
AND HOLDING TANK WASTE FOR 2023**

The Village Board of the Village of Jackson, Washington County, Wisconsin, does resolve as follows:

BE IT RESOLVED that the Village hereby establishes Septic and Holding Tank Waste Rates for the Septic Receiving Station at the Wastewater Treatment Facility as follows:

Holding Tank	\$ 8.25 per 1,000 gallons
Septic System	\$ 50.00 per 1,000 gallons
Septic Decant	\$ 25.00 per 1,000 gallons
Grease Decant	\$ 40.00 per 1,000 gallons
Grease	\$125.00 per 1,000 gallons

Introduced by:_____

Seconded by:_____

Vote: _____ Ayes _____ Nays

Passed and Approved:_____

VILLAGE OF JACKSON

By:_____
Michael E. Schwab, Village President

Attest:_____
Jilline S. Dobratz, Village Clerk

Proof of Posting:

I, the undersigned, certify that I posted this Resolution on bulletin boards at the Village Hall, Post Office, and one other location in the Village.

Village Official

Date

MEMORANDUM

Date: December 23, 2022

To: Brian Kober, P.E. – Village of Jackson

From: Greg Droessler, P.E.

Subject: Village of Jackson – Sewer Utility Rate Study

The Jackson Sewer Utility requested assistance from Town and Country Engineering, Inc. to review the actual cost of treating BOD, TSS, Ammonia, and Phosphorus in the waste stream at the wastewater treatment facility (WWTF). Town and Country Engineering was asked to look specifically at the current rates for waste from holding tanks, septic, septic decant, grease, and grease decant hauled to the WWTF for disposal to confirm that the rates charged for these materials are in line with the actual cost of treatment. The costs were also to be reviewed based on the projected costs to upgrade the WWTF over multiple phases over the next 6 years.

In February 2018 the Jackson Sewer Utility increased the rates for hauled waste based on our previous study to better cover the cost of treatment at that time. The Utility had concerns of maintaining rates in line with neighboring communities at that time and elected to approve only a modest increase. Table 1 is a summary of the Village's current hauled waste rates.

Table 1: Hauled Waste Rates

Hauled Waste	Current Rate (2/13/18)
Holding Tank (per 1,000 gal)	\$8.00
Septic System (per 1,000 gal)	\$45.00
Septic Decant (per 1,000 gal)	\$25.00
Grease (per 1,000 gal)	\$100.00
Grease Decant (per 1,000 gal)	\$40.00

Sewer utilities typically charge higher rates for the various hauled wastes to account for the higher concentration of nutrients to be removed. The Jackson Sewer Utility requires each truckload of hauled waste to leave a sample for testing, but the Utility only tests trucks randomly or when a problem arises due to the cost and time required for testing. Table 2 is a summary of typical wastewater properties for the various types of hauled waste the WWTF receives, as well as typical values for domestic wastewater for comparison.

Table 2: Typical Wastewater Properties

	Holding Tank (mg/L)	Septic (mg/L)	Septic Decant * (mg/L)	Grease * (mg/L)	Grease Decant * (mg/L)	Domestic Wastewater (mg/L)
BOD	600	5,000	1,505	16,545	3,959	200
TSS	1,800	15,000	3,558	63,750	3,629	250
NH3	100	350	104	190	43	25
TP	30	300	39	119	48	10

* Average value of the samples tested by the Jackson WWTF in 2014-2015. Other values listed are average textbook values though to be consistent with waste received by the WWTF.

The Jackson Sewer Utility receives a significant volume of flow and revenue each year from hauled waste. Table 3 lists the annual volume of each type of waste received, as well as the total

TOWN & COUNTRY ENGINEERING, INC.

Madison ♦ Rhinelander ♦ Kenosha
6264 Nesbitt Road • Madison, WI 53719 • (608) 273-3350 • tce@tcengineers.net

revenue (billing) received. It was noted that the 2020 – 2021 average volume for holding tank and septic decant were about 5% less than the totals for these same products in 2014 – 2016, and the total billings were down about \$4,800 or roughly 2% from this same period.

Table 3: Annual Hauled Waste (Gallons and Revenue)

Annual Total	Holding Tank (gal)	Septic (gal)	Septic Decant (gal)	Grease (gal)	Grease Decant (gal)	Total Billings
2020	15,874,420	184,350	2,691,200	900	0	\$204,656
2021	16,620,625	319,950	2,468,910	0	0	\$209,083
Average	16,247,523	252,150	2,580,055	450	0	\$206,870

Based on the reported gallons and the estimated nutrient loading rates for each of the hauled waste categories, the estimated annual loading for each year is listed in Table 4. It was noted that the total loading contributed by the hauled waste is down about 10% from 2014 – 2016, most notably due to the reduction in septic and septic decant hauled to the WWTF.

Table 4: Estimated Annual Hauled Waste Loading

	BOD (lbs/yr)	TSS (lbs/yr)	NH3 (lbs/yr)	TP (lbs/yr)
Septic				
2020	7,692	23,623	538	461
2021	13,349	41,000	934	801
Holding				
2020	79,478	244,105	13,246	3,974
2021	83,213	255,575	13,869	4,161
Septic Decant				
2020	33,797	81,801	2,335	876
2021	31,006	75,044	2,143	803
Grease				
2020	124	490	1	1
2021	0	0	0	0

Table 5 lists the hauled waste loadings as a percentage of the influent flow to demonstrate the impact that hauled waste has on the WWTF. In 2014 – 2016 the hauled waste accounted for approximately 6.6% of the total flow, 20.9% of the BOD, and 47.7% of the TSS at the WWTF. As shown Table 5, the contribution for flow and each of these nutrients has been reduced due to a reduction in the volume of hauled waste received, and an overall increase in flow and loading at the WWTF due to an increased contribution from the other users in the Village.

Table 5: Hauled Waste Impact

Annual Totals	Flow (MG)	BOD Loading (lbs)	TSS Loading (lbs)	Total P Loading (lbs)	NH3 Loading (lbs)
2020	4.1%	13.7%	33.0%	23.6%	21.1%
2021	4.9%	13.2%	34.9%	24.2%	21.9%
Average	4.5%	13.5%	34.0%	23.9%	21.5%

Cost of Treatment:

Town and Country Engineering reviewed the last 2 years of O&M costs at the Sewer Utility and allocated these costs on a demand vs. volume basis. The O&M costs were also reviewed and a percentage of cost for each line item allocated as a percentage by nutrient; thus allowing us to calculate an estimated cost per pound (\$ / lb) for each specified nutrient.

It was noted that the current cost of treatment is significantly lower in 2022 than when this was last reviewed in 2018 due to the Utility's O&M costs rising only 10% in that time while the flow to the facility increased by nearly 340,000 gallons per day or 40%.

Table 6: Estimated Treatment Cost per Pound

	2018 Cost / Pound	2021 Cost / Pound
Biochemical Oxygen Demand (BOD)	\$0.34	\$0.26
Total Suspended Solids (TSS)	\$0.20	\$0.18
Ammonia (NH ₃)	\$1.56	\$1.27
Phosphorus (P)	\$8.15	\$6.92

The cost of treatment was then reviewed as a cost per 1,000 gallons for each of the hauled wastes based on the assumed average concentrations listed above. The costs shown in Table 7 include \$1.07 for the current volume cost of treating 1,000 gallons. This cost will increase further as part of Phase 1 and Phase 2 due to the fixed cost adjustment to cover the new debt associated with the projects.

Table 7: Estimated Cost of Treatment (Hauled Waste)

Hauled Waste	2018 Treatment Cost/1,000 gal	2021 Treatment Cost/1,000 gal	Phase 1 Treatment Cost/1,000 gal	Phase 2 Treatment Cost/1,000 gal
Holding Tank (per 1,000 gal)	\$9.10	\$7.82	\$8.47	\$9.74
Septic System (per 1,000 gal)	\$65.02	\$55.05	\$55.71	\$56.97
Septic Decant (per 1,000 gal)	\$15.24	\$12.93	\$13.58	\$14.85
Grease (per 1,000 gal)	\$163.92	\$139.91	\$140.57	\$141.83
Grease Decant (per 1,000 gal)	\$22.19	\$18.17	\$18.83	\$20.09

Recommendation:

The current rates for the largest volume of hauled waste to the WWTF (holding tank and septic decant) appear to adequately cover the actual cost of treatment of these materials. The rates for septic and grease are set lower than the estimated cost of treatment, but as the Village receives much lower volumes of these materials this does not have a large financial impact on the operations.

As the Village is facing an estimated \$32M in upgrades over the next 6 years and is looking to raise user rates by 8% per year starting in 2023, it is recommended that the Village consider raising the rates for hauled waste along with the Village user rates to a minimum of those rates listed in Table 7 to cover the cost of treatment. The Village may consider a similar percentage increase each year, or simply raise the rate for holding tank waste by \$0.25 / year and the septic,

septic decant, and grease decant by \$1.00 to \$2.00 per year.

Phase 2B of the WWTF upgrades includes a conversion of the WWTF's digesters from an anaerobic to an aerobic process. It is recommended that the Village consider stop accepting grease and grease decant at that time as the digestion process will no longer benefit from the receipt of this material. Eliminating grease and grease decant will also minimize operational challenges associated with processing this material at the WWTF.

GJD

J:\JOB#S\Jackson\JK-15-W1 WWTF Facilities Plan\10 Design Information\10.8 USC\Hauled Waste Charges\2021 Update\Hauled Waste Rate Study - revised 12.22.22.docx

VILLAGE OF JACKSON - WASTEWATER UTILITY
Cost of Service Summary

			Allocation Percentages								Allocation of Costs - 2021											
Account	Description	2021	Demand	Volume	BOD	SS	NH3	Phos	Total	Cost / 1,000 Gallon		Volume	Cost / 1,000 Gallon	BOD	Cost / #	SS	Cost / #	NH3	Cost / #	Phos	Cost / #	
820-000	Supervision/Labor wage	\$ 350,222	0%	35%	30%	20%	5%	10%	100%	\$ -	\$ -	\$ 122,578	\$ 0.35	\$ 105,067	\$ 0.13	\$ 70,044	\$ 0.08	\$ 17,511	\$ 0.38	\$ 35,022	\$ 1.93	
821-000	Diggers Hotline Wages	\$ 6,575	0%	35%	30%	20%	5%	10%	100%	\$ -	\$ -	\$ 2,301	\$ 0.01	\$ 1,973	\$ 0.00	\$ 1,315	\$ 0.00	\$ 329	\$ 0.01	\$ 658	\$ 0.04	
823-300	Chlorine	\$ 2,198	0%	100%	0%	0%	0%	0%	100%	\$ -	\$ -	\$ 2,198	\$ 0.01	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
823-301	Aluminum Chloride	\$ 35,929	0%	0%	0%	0%	0%	100%	100%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 35,929	\$ 1.98	
823-302	Polymer	\$ 4,500	0%	0%	35%	35%	5%	25%	100%	\$ -	\$ -	\$ -	\$ -	\$ 1,575	\$ 0.00	\$ 1,575	\$ 0.00	\$ 225	\$ 0.00	\$ 1,125	\$ 0.06	
823-303	Sodium Bisulfate	\$ 3,051	0%	100%	0%	0%	0%	0%	100%	\$ -	\$ -	\$ 3,051	\$ 0.01	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
823-304	Chemicals Others	\$ 343	0%	20%	20%	20%	20%	20%	100%	\$ -	\$ -	\$ 69	\$ 0.00	\$ 69	\$ 0.00	\$ 69	\$ 0.00	\$ 69	\$ 0.00	\$ 69	\$ 0.00	
825-000	Lab Time/Supplies	\$ 8,740	0%	35%	30%	20%	5%	10%	100%	\$ -	\$ -	\$ 3,059	\$ 0.01	\$ 2,622	\$ 0.00	\$ 1,748	\$ 0.00	\$ 437	\$ 0.01	\$ 874	\$ 0.05	
827-000	Operation Supplies	\$ 6,311	0%	35%	30%	20%	5%	10%	100%	\$ -	\$ -	\$ 2,209	\$ 0.01	\$ 1,893	\$ 0.00	\$ 1,262	\$ 0.00	\$ 316	\$ 0.01	\$ 631	\$ 0.03	
828-000	Transport Fuel, Lube, maint	\$ 9,359	0%	35%	30%	20%	5%	10%	100%	\$ -	\$ -	\$ 3,276	\$ 0.01	\$ 2,808	\$ 0.00	\$ 1,872	\$ 0.00	\$ 468	\$ 0.01	\$ 936	\$ 0.05	
829-000	Utilities Water Bill, WE energies	\$ 140,813	0%	35%	30%	20%	5%	10%	100%	\$ -	\$ -	\$ 49,285	\$ 0.14	\$ 42,244	\$ 0.05	\$ 28,163	\$ 0.03	\$ 7,041	\$ 0.15	\$ 14,081	\$ 0.78	
830-000	Uniforms/Safety Equip	\$ 2,048	20%	20%	15%	15%	15%	15%	100%	\$ 410	\$ 0.00	\$ 410	\$ 0.00	\$ 307	\$ 0.00	\$ 307	\$ 0.00	\$ 307	\$ 0.01	\$ 307	\$ 0.02	
831-000	Sludge Testing/Collection Syst Maint	\$ 29	50%	50%	0%	0%	0%	0%	100%	\$ 15	\$ 0.00	\$ 15	\$ 0.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
833-000	Equip maint	\$ 87,602	50%	50%	0%	0%	0%	0%	100%	\$ 43,801	\$ 0.15	\$ 43,801	\$ 0.12	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
834-000	Bldgs/ground maint	\$ 83,586	50%	50%	0%	0%	0%	0%	100%	\$ 41,793	\$ 0.15	\$ 41,793	\$ 0.12	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
850-000	Admin Salaries/ DPW	\$ 43,158	20%	20%	15%	15%	15%	15%	100%	\$ 8,632	\$ 0.03	\$ 8,632	\$ 0.02	\$ 6,474	\$ 0.01	\$ 6,474	\$ 0.01	\$ 6,474	\$ 0.14	\$ 6,474	\$ 0.36	
851-000	Office Supplies/Forms	\$ 112	20%	20%	15%	15%	15%	15%	100%	\$ 22	\$ 0.00	\$ 22	\$ 0.00	\$ 17	\$ 0.00	\$ 17	\$ 0.00	\$ 17	\$ 0.00	\$ 17	\$ 0.00	
852-000	Acct/Billing Wages Utility Clerk	\$ 32,811	20%	20%	15%	15%	15%	15%	100%	\$ 6,562	\$ 0.02	\$ 6,562	\$ 0.02	\$ 4,922	\$ 0.01	\$ 4,922	\$ 0.01	\$ 4,922	\$ 0.11	\$ 4,922	\$ 0.27	
853-000	Prop/Liab Insurance	\$ 70,482	20%	20%	15%	15%	15%	15%	100%	\$ 14,096	\$ 0.05	\$ 14,096	\$ 0.04	\$ 10,572	\$ 0.01	\$ 10,572	\$ 0.01	\$ 10,572	\$ 0.23	\$ 10,572	\$ 0.58	
860-000	Accounting Fees	\$ 1,200	20%	20%	15%	15%	15%	15%	100%	\$ 240	\$ 0.00	\$ 240	\$ 0.00	\$ 180	\$ 0.00	\$ 180	\$ 0.00	\$ 180	\$ 0.00	\$ 180	\$ 0.01	
861-000	BDS Instrument	\$ 350	20%	20%	15%	15%	15%	15%	100%	\$ 70	\$ 0.00	\$ 70	\$ 0.00	\$ 53	\$ 0.00	\$ 53	\$ 0.00	\$ 53	\$ 0.00	\$ 53	\$ 0.00	
862-00	Sludge hauling	\$ 72,235	0%	35%	30%	20%	5%	10%	100%	\$ -	\$ -	\$ 25,282	\$ 0.07	\$ 21,671	\$ 0.03	\$ 14,447	\$ 0.02	\$ 3,612	\$ 0.08	\$ 7,224	\$ 0.40	
863-00	Industrial Monitoring Quarterly	\$ 8,172	20%	20%	15%	15%	15%	15%	100%	\$ 1,634	\$ 0.01	\$ 1,634	\$ 0.00	\$ 1,226	\$ 0.00	\$ 1,226	\$ 0.00	\$ 1,226	\$ 0.03	\$ 1,226	\$ 0.07	
867-000	Cell Phones	\$ 1,893	20%	20%	15%	15%	15%	15%	100%	\$ 379	\$ 0.00	\$ 379	\$ 0.00	\$ 284	\$ 0.00	\$ 284	\$ 0.00	\$ 284	\$ 0.01	\$ 284	\$ 0.02	
870-000	SCADA Systems	\$ 3,845	20%	20%	15%	15%	15%	15%	100%	\$ 769	\$ 0.00	\$ 769	\$ 0.00	\$ 577	\$ 0.00	\$ 577	\$ 0.00	\$ 577	\$ 0.01	\$ 577	\$ 0.03	
872-000	Postage	\$ 5,176	20%	20%	15%	15%	15%	15%	100%	\$ 1,035	\$ 0.00	\$ 1,035	\$ 0.00	\$ 776	\$ 0.00	\$ 776	\$ 0.00	\$ 776	\$ 0.02	\$ 776	\$ 0.04	
876-000	Televise System	\$ 31,585	0%	100%	0%	0%	0%	0%	100%	\$ -	\$ -	\$ 31,585	\$ 0.09	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
877-000	Metal/ Bioessay Tests	\$ 14,310	50%	50%	0%	0%	0%	0%	100%	\$ 7,155	\$ 0.03	\$ 7,155	\$ 0.02	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
864-000	Education/travel/dues	\$ 4,257	20%	20%	15%	15%	15%	15%	100%	\$ 851	\$ 0.00	\$ 851	\$ 0.00	\$ 639	\$ 0.00	\$ 639	\$ 0.00	\$ 639	\$ 0.01	\$ 639	\$ 0.04	
865-000	DNR Environmental Fee	\$ 9,613	20%	20%	15%	15%	15%	15%	100%	\$ 1,923	\$ 0.01	\$ 1,923	\$ 0.01	\$ 1,442	\$ 0.00	\$ 1,442	\$ 0.00	\$ 1,442	\$ 0.03	\$ 1,442	\$ 0.08	
866-000	Emergency response BRD	\$ 405	20%	20%	15%	15%	15%	15%	100%	\$ 81	\$ 0.00	\$ 81	\$ 0.00	\$ 61	\$ 0.00	\$ 61	\$ 0.00	\$ 61	\$ 0.00	\$ 61	\$ 0.00	
O&M total		\$ 1,040,910								\$ 129,468	\$0.45	\$ 374,360	\$ 1.07	\$ 207,448	\$ 0.26	\$ 148,023	\$ 0.18	\$ 57,535	\$ 1.24	\$ 124,076	\$ 6.84	
Replacement Funds from LGIP#2		\$ 10,122	20%	20%	15%	15%	15%	15%	100%	\$ 2,024	\$ 0.01	\$ 2,024	\$ 0.01	\$ 1,518	\$ 0.00	\$ 1,518	\$ 0.00	\$ 1,518	\$ 0.03	\$ 1,518	\$ 0.08	
Debt Service		\$ -								\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Total		\$ 1,051,032								\$ 131,492	\$ 0.46	\$ 376,384	\$ 1.07	\$ 208,967	\$ 0.26	\$ 149,541	\$ 0.18	\$ 59,053	\$ 1.27	\$ 125,595	\$ 6.92	

VILLAGE OF JACKSON - WASTEWATER UTILITY

Cost of Service Summary

	Total	Allocation of Costs					
		Fixed	Vol.	BOD	SS	NH3	Phos
Operation and Maintenance Expenses	\$ 1,040,910	\$ 129,468	\$ 374,360	\$ 207,448	\$ 148,023	\$ 57,535	\$ 124,076
Replacement Fund	\$ 273,600	\$ 54,720	\$ 54,720	\$ 41,040	\$ 41,040	\$ 41,040	\$ 41,040
Collection System Replacement	\$ -	50%	50%				
Debt Service (None)	\$ -	\$ -	\$ -				
Total Annual Cost of Service	\$ 1,314,510	\$ 184,188	\$ 429,080	\$ 248,488	\$ 189,063	\$ 98,575	\$ 165,116

Cost per pound (2021) \$ 0.26 \$ 0.18 \$ 1.27 \$ 6.92
 Cost per 1000 gal (2021) \$ 0.46 \$ 1.07

	BOD	TSS	NH3	TP	Volume	Total
Holding Tank (1,000 gal)	\$1.29	\$2.67	\$1.06	\$1.73	\$1.07	\$7.82
Septic	\$10.73	\$22.22	\$3.71	\$17.31	\$1.07	\$55.05
Septic Decant	\$3.23	\$5.27	\$1.10	\$2.25	\$1.07	\$12.93
Grease	\$35.51	\$94.45	\$2.01	\$6.87	\$1.07	\$139.91
Grease Decant	\$8.50	\$5.38	\$0.46	\$2.77	\$1.07	\$18.17

VILLAGE OF JACKSON - WASTEWATER UTILITY

Cost of Service Summary

	Total	Allocation of Costs					
		Fixed	Vol.	BOD	SS	NH3	Phos
Operation and Maintenance Expenses	\$ 1,040,910	\$ 129,468	\$ 374,360	\$ 207,448	\$ 148,023	\$ 57,535	\$ 124,076
Replacement Fund	\$ 11,000	\$ 54,720	\$ 54,720	\$ 41,040	\$ 41,040	\$ 41,040	\$ 41,040
Collection System Replacement	\$ -	50%	50%				
Debt Service - Phase 1 Only	\$ 524,417	\$ 262,209	\$ 262,209				
Total Annual Cost of Service	\$ 1,576,327	\$ 446,396	\$ 691,288	\$ 248,488	\$ 189,063	\$ 98,575	\$ 165,116

Cost per pound (2021) \$ 0.26 \$ 0.18 \$ 1.27 \$ 6.92
 Cost per 1000 gal (2021) \$ 1.12 \$ 1.73

	BOD	TSS	NH3	TP	Volume	Total
Holding Tank (1,000 gal)	\$1.29	\$2.67	\$1.06	\$1.73	\$1.73	\$8.47
Septic	\$10.73	\$22.22	\$3.71	\$17.31	\$1.73	\$55.71
Septic Decant	\$3.23	\$5.27	\$1.10	\$2.25	\$1.73	\$13.58
Grease	\$35.51	\$94.45	\$2.01	\$6.87	\$1.73	\$140.57
Grease Decant	\$8.50	\$5.38	\$0.46	\$2.77	\$1.73	\$18.83

VILLAGE OF JACKSON - WASTEWATER UTILITY

Cost of Service Summary

	Total	Allocation of Costs					
		Fixed	Vol.	BOD	SS	NH3	Phos
Operation and Maintenance Expenses	\$ 1,040,910	\$ 129,468	\$ 374,360	\$ 207,448	\$ 148,023	\$ 57,535	\$ 124,076
Replacement Fund	\$ 273,600	\$ 54,720	\$ 54,720	\$ 41,040	\$ 41,040	\$ 41,040	\$ 41,040
Collection System Replacement	\$ -	50%	50%				
Debt Service - Phase 1 & 2	\$ 1,537,202	\$ 768,601	\$ 768,601				
Total Annual Cost of Service	\$ 2,851,712	\$ 952,789	\$ 1,197,681	\$ 248,488	\$ 189,063	\$ 98,575	\$ 165,116

Cost per pound (2021) \$ 0.26 \$ 0.18 \$ 1.27 \$ 6.92
 Cost per 1000 gal (2021) \$ 2.38 \$ 2.99

	BOD	TSS	NH3	TP	Volume	Total
Holding Tank (1,000 gal)	\$1.29	\$2.67	\$1.06	\$1.73	\$2.99	\$9.74
Septic	\$10.73	\$22.22	\$3.71	\$17.31	\$2.99	\$56.97
Septic Decant	\$3.23	\$5.27	\$1.10	\$2.25	\$2.99	\$14.85
Grease	\$35.51	\$94.45	\$2.01	\$6.87	\$2.99	\$141.83
Grease Decant	\$8.50	\$5.38	\$0.46	\$2.77	\$2.99	\$20.09

RESOLUTION #18-03

A RESOLUTION ESTABLISHING RATES FOR SEPTIC
AND HOLDING TANK WASTE FOR 2018

The Village Board of the Village of Jackson, Washington County, Wisconsin, does resolve as follows:

BE IT RESOLVED that the Village hereby establishes Septic and Holding Tank Waste Rates for the Septic Receiving Station at the Waste Water Treatment Facility as follows:

Holding Tank	\$ 8.00 per 1,000 gallons
Septic System	\$ 45.00 per 1,000 gallons
Septic Decant	\$ 25.00 per 1,000 gallons
Grease Decant	\$ 40.00 per 1,000 gallons
Grease	\$100.00 per 1,000 gallons

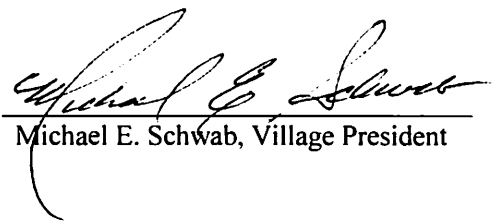
Introduced by: TR OLSON

Seconded by: Pres. Schwab

Vote: 5 Aye 0 Nay

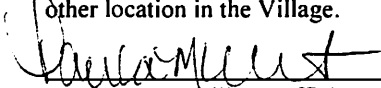
Passed & Approved: 02/13/2018

Attest: 
John M. Walther, Administrator

Signed: 
Michael E. Schwab, Village President

Proof of Posting:

I the undersigned, certify that I posted this Resolution on bulletin boards at the Village Hall, Post Office, and one other location in the Village.


(Village Official)

2-14-2018
(Date)

Task Order – Standard Hourly Rates Basis

In accordance with Paragraph 1.01 of the Agreement Between Village of Jackson (Owner) and Town & Country Engineering, Inc. (Engineer) for Professional Services – Task Order Edition, dated February 10, 2016 ("Agreement"), Owner and Engineer agree as follows:

1. Background Data

- a. Effective Date of Task Order: January 26, 2023
- b. Specific Project (title): WWTF Tertiary Filters, Storage Garage, and Disinfection Design
- c. Specific Project (description): See Attachment A.

2. Services of Engineer

- A. The specific services to be provided or furnished by Engineer under this Task Order are described in Attachment A and the services (and related terms and conditions) set forth in the following sections of Exhibit A, as attached to the Agreement referred to above, such sections being hereby incorporated by reference:
 - Preliminary Design Phase (Exhibit A, Paragraph A1.02)
 - Final Design Phase (Exhibit A, Paragraph A1.03)
 - Bidding or Negotiating Services (Exhibit A, Paragraph A1.04)
- B. All of the services included above comprise Basic Services for purposes of Engineer's compensation under this Task Order.

3. Additional Services

Those services (and related terms and conditions) set forth in Paragraph A2.01 of Exhibit A, as attached to the Agreement referred to above, such paragraph being hereby incorporated by reference.

4. Owner's Responsibilities

Owner shall have those responsibilities set forth in Article 2 of the Agreement and in Exhibit B, as attached to the Agreement referred to above, such Article and Exhibit being hereby incorporated by reference.

5. Task Order Schedule

In addition to any schedule provisions provided in Exhibit A, as attached to the Agreement referred to above, or elsewhere, the parties shall meet the schedule set forth in Attachment A.

6. Payments to Engineer

- A. Owner shall pay Engineer for Basic Services set forth above, except for services of Engineer's Resident Project Representative, if any, as follows:
 - 1. An amount equal to the cumulative hours charged to the Project by each class of Engineer's personnel times Standard Hourly Rates for each applicable billing class for all services performed on the Project, plus Reimbursable Expenses.
 - 2. Engineer's Standard Hourly Rates Schedule is shown below.
 - 3. The total compensation for services under this Task Order is not-to-exceed \$405,000.
- B. Compensation for Reimbursable Expenses
 - 1. Owner shall pay Engineer for all Reimbursable Expenses at the rates set forth below.

Standard Hourly Rates and Reimbursable Expense Rates Schedule

Standard Hourly Rates and Reimbursable Expense Rates are set forth below. Standard Hourly Rates include salaries and wages paid to personnel in each billing class plus the cost of customary and statutory benefits, general and administrative overhead, non-project operating costs, and operating margin or profit.

Schedule:

Principal	\$170.00
Senior Project Manager	\$165.00
Senior Project Engineer	\$160.00
Project Engineer IV	\$150.00
Project Engineer III.....	\$145.00
Project Engineer II.....	\$140.00
Project Engineer I	\$135.00
Staff Engineer II.....	\$120.00
Staff Engineer I	\$110.00
Senior Engineering Technician.....	\$110.00
Engineering Technician III.....	\$105.00
Engineering Technician II	\$100.00
Engineering Technician I	\$90.00
GIS Analyst.....	\$110.00
GIS Technician.....	\$100.00
Survey Crew Chief.....	\$110.00
Construction Technician II	\$100.00
Construction Technician I	\$85.00
Administrative II.....	\$80.00
Administrative I	\$75.00
Grant Writer.....	\$95.00
Mileage	\$0.65 per mile
Total Station/GPS Survey Equipment	\$20.00 per hour of actual use
Computer used for CADD	\$15.00 per hour of actual use
Plotter	\$15.00 per plan page

7. Terms and Conditions

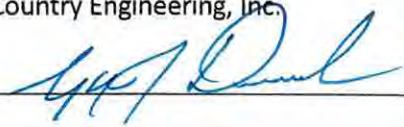
Execution of this Task Order by Owner and Engineer shall make it subject to the terms and conditions of the Agreement (as modified above), which Agreement is incorporated by this reference. Engineer is authorized to begin performance upon its receipt of a copy of this Task Order signed by Owner.

The Effective Date of this Task Order is January 26, 2023.

OWNER: Village of Jackson

ENGINEER: Town & Country Engineering, Inc.

By: _____

By: 

Print Name: Brian Kober, P.E.

Print Name: Gregory J. Droessler, P.E.

Title: Public Works Director

Title: Vice-President

Date: _____

Date: 1/27/2023

Engineer License or Firm's
Certificate No. (if required): 37471-006
State of: Wisconsin

DESIGNATED REPRESENTATIVE FOR TASK ORDER:

DESIGNATED REPRESENTATIVE FOR TASK ORDER:

Name: Brian Kober

Name: Greg Droessler, P.E.

Title: Public Works Director

Title: Vice President

Address: N168 W20733 Main Street
Jackson, WI 53037

Address: 10505 Corporate Drive, Suite 105A
Pleasant Prairie, WI 53158

E-Mail
Address: dirpubwks@villageofjackson.com

E-Mail
Address: gdroessler@tcengineers.net

Phone: (262) 677-0707

Phone: (262) 925-3210

Task Order Form - Standard Hourly Rates Basis

EJCDC® E-505, Agreement Between Owner and Engineer for Professional Services – Task Order Edition.
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ATTACHMENT A

Date: January 27, 2023

To: Mr. Brian Kober, Director of Public Works

From: Greg Droessler, Vice-President

Subject: Scope of Services for the Design of Wastewater Facilities Upgrade

The Village of Jackson is in position to proceed with the final design of the proposed upgrades to the Village's wastewater treatment facility (WWTF). This work will include a submittal of plans and specifications to the Wisconsin DNR by the end of September in order to maintain eligibility for project funding from the Wisconsin DNR's Clean Water Fund (CWF), as well as completion of final bid documents for plan approval.

Per the Facilities Planning Document dated November 2022, the upgrades to the Village's WWTF will be phased in an effort to allow the Village to better cashflow the projects and upgrade the facility more as needed over the next 5-10 years instead of tackling a single large project estimated at over \$30M. The initial project is intended to address the WWTF's immediate needs for expansion of the tertiary filtration facilities, replacement of the 40 year-old generator and automatic transfer switch (ATS), along with the need for expansion of the storage building..

Design work for the WWTF upgrades will include rehabilitation and/or expansion of two existing buildings (tertiary filter building and storage garage). The work also includes renovation of the existing disinfection tank to remove the existing chlorination equipment and replace it with a new ultraviolet (UV) disinfection system, and the replacement of generator and ATS at a new location at the site.

Town and Country Engineering staff and our sub consultants are prepared to undertake the following design work:

Wastewater Facility Upgrade

The proposed WWTF upgrade will include modifications as listed above and as approved in the Facilities Plan by the DNR. A variety of upgrades to existing buildings and structures are included as outlined below. Details are subject to change during the design process, but the main design concepts are provided herein to give an approximate idea of the scope of work.

General

Exterior wall construction for all new buildings will match existing construction subject to the Village's preference. Natural gas will be used for building heat. Heat recovery will be provided whenever economical.

The existing standby generator for the WWTF will be replaced with a new diesel generator located outside the Service Building. The generator project will be a separately bid project anticipated to be released for bidding in May 2023 with award of a contract in June 2023.

The storage garage project will also be designed this spring and released for bidding in May 2023 for construction ahead of the tertiary filter project. It is anticipated that both the garage project and the generator project will be funded with Utility funds the Village has on hand and that a CWF loan will not be required for this work.

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Site Work

The following site work is required in conjunction with these projects:

- A topographic site survey will be completed of the entire WWTF site. The entire property will be surveyed as part of this project for use in conjunction with the future phases.
- Based on the proposed layout of the new tertiary filter building and the storage garage, soil borings and a geotechnical report will be required for below grade structures and construction methods. The soil borings will be coordinated with a geotechnical firm, but these services will be contracted directly by the Village.
- Electrical, natural gas, water, and other utility services will be reused at the existing buildings whenever possible but expanded as needed and distribution made to all points of demand. The site process piping will be expanded between the final clarifiers and tertiary filters as needed, as well as between the tertiary filters and the disinfection tank. Site grading, sidewalks, and asphalt pavement repairs will be made as needed to match the existing site conditions.

Tertiary Filter Building

Per the WWTF's new WPDES permit approved by the DNR in January 1, 2023 the Water Quality Based Effluent Limits (WQBELs) for total phosphorus limits need final plans and specifications by September 30, 2023 and completion by September 30, 2026. The Total phosphorus limit will be achieved by upgrades to the Tertiary Filter Building. The structure was constructed in 1978/79 and is in good condition overall. Upgrades to this structure include the following:

- Renovate the existing building interior, including converting the existing chlorine and de-chlorination rooms for reuse as a coagulant (chemical) storage space and an equipment storage space. The existing alum room will continue to store alum, but will receive minor electrical and HVAC upgrades.
- Update the HVAC, plumbing lighting, power distribution, and SCADA systems in this building to bring them up to code and to replace outdated equipment.
- Expand the building to the east to create room for two new disk-style filters. The building addition is approximately 2,000 sq. feet and is assumed to match the existing building architecture. The building addition will also include a series of flocculation tanks with mixers upstream of the building to improve phosphorus removal with the filters.

Disinfection Tank

Since the tertiary filter building contains the chlorine and de-chlorination equipment, the upgrades to the WWTF disinfection is best tied to the upgrades to this tertiary filter building as the chemical storage rooms are repurposed. The structure was constructed in 1978/79 and is in good condition overall. Upgrades to this structure include the following:

- Remove the existing chlorination and de-chlorination equipment from the existing tank and convert the tank for a new ultraviolet (UV) disinfection system.
- Modify the handrail and grating as needed to accommodate the new equipment.

Storage Garage

The structure was constructed in 2003 and is in good condition. Upgrades to this structure include the following:

- Expand the garage with an approximate 40'x60' addition to the south of the existing building for additional vehicle storage.

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- Update the HVAC, plumbing and lighting in the existing space as needed to meet code and provide these as well for the new structure.
- Add a restroom and locker room facilities to the new or existing building. Potentially add overhead storage in this space as well for expanded parts storage for the plant.

Standby Generator and ATS

The existing standby generator is in the Administration / Service Building. The Village would like to have the new standby generator sized and bid as a separate replacement project ahead of the other upgrades in this building due to the lead time (estimated at 12 to 18 months) of this equipment. Sizing this new diesel generator will require initial sizing of the WWTF's blowers, pumps, and other equipment to assure adequate standby power with the facility expansion. These design assumptions will be reviewed with the Village prior to finalizing the selection of this generator.

WWTF – SCADA Upgrades

Much of the WWTF's existing SCADA system was replaced in 2018 with new PLCs, touchscreens and other equipment. It is anticipated that most of this equipment will remain and be reused, but expansion of this system to include the new filters and UV disinfection systems will be required.

Pre-Bid of Equipment

The scope of work under the design contract will include the pre-bid and selection of the tertiary filters and UV disinfection equipment. This pre-bidding will involve preparation of separate bidding documents for the filters and UV equipment, answering inquiries from prospective manufacturers, evaluation of bids received, and assistance with selection of equipment to be used. This procedure involves more engineering time but has the benefit of the Owner securing the exact equipment considered the best for the project and the design being around that specific piece of equipment, rather than the low bid.

Design Disciplines

Design services shall include process, structural, architectural, HVAC, plumbing, and electrical / control engineering. All drafting services required for the preparation of plans are included within this scope. A portion of the work will be subcontracted which is included in the engineering cost provided. Biddable plans and specifications will be submitted to the DNR by September 30, 2023 for review and approval as directed.

Grant and Loan Application

This scope includes preparation and submittal of the Clean Water Fund loan application for the above project. The application is required to be submitted by September 30, 2023.

Project Permitting

The tertiary filter building and standby generator projects each require review and approval by the Wisconsin DNR as they are related to the treatment process. Plans and specifications will be submitted to the DNR for review as required.

Due to the size of the tertiary filter and storage garage buildings, it is anticipated that each building will need to be submitted to the DSPS state approval. Each project will be submitted to the agency for approval as required.

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Project Bidding

The Village intends to bid this work as 3 separate projects in an effort to fast-track both the storage garage addition and the backup generator. Town and Country will prepare these separate bid or proposal packages and administer the project bidding, review of the bids, and recommendations for award of contracts.

Wastewater Facilities Upgrade Engineering Costs

The estimated construction cost for the upgrades is \$5.7 million. The design, preparation of bidding documents, and bidding for the wastewater improvements is estimated Not to Exceed \$405,000. Costs will be invoiced on a Time and Material basis based on the Standard Agreement.

There will be up front work required to finalize treatment processes and layouts which may impact the design schedule, but our intention will be to have the tertiary building construction contract bidding by early 2024.

Additional Engineering Work

Several work items may be required for design and implementation of the proposed project, but which are not included in the engineering scope of services are listed below. Town & Country Engineering will assist Village staff in contracting for these services from outside consultants.

- Pilot testing of filter and/or UV equipment.
- Soils borings and geotechnical analyses.
- Archaeological or wetland surveys if necessary.
- Floodplain or floodway analysis.
- Easement acquisition.
- Sewer Use Ordinance and User Charge System preparation.
- Cost for permit fees.
- Block Grant application.

This contract is a design phase contract, only. This contract does not include services for project bidding, award of construction contract, construction administration or construction inspection. These services, all of which will be required, shall be provided under a subsequent and separate contract.

Thank you for the opportunity to present this scope of services to the Village of Jackson on this important project.

GJD

J:\JOB#S\Jackson\JK-00-00\O&E\2016 Task Order\Task Order No. 5 - WWTF Design\Attachment A - Final Design.docx

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SECTION 00 63 63
CHANGE ORDER NO.: 1

Owner: Village of Jackson	Owner's Project No. A-21
Engineer: Cedar Corporation	Engineer's Project No.: 05789-0013
Contractor: Soper Sewer & Water LLC	Contractor's Project No.:
Project: Willow Ridge Drive Reconstruction	
Contract Name: Willow Ridge Drive Reconstruction	Effective Date of Change Order: November 16, 2022
Date Issued: November 16, 2022	

The Contract is modified as follows upon execution of this Change Order:

Description:

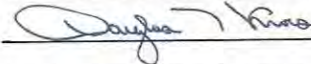
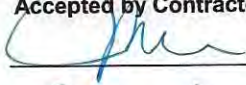
1 Reconciliation of As-Built Quantities	=	(\$218.10)
2 ADD 7 Ton of HMA Driveway Patching @ \$113.48/TN	=	\$794.36
3 CREDIT Lump Sum Sanitary Sewer Casting	=	(\$350.00)
TOTAL	=	\$226.26
4 Extension of Contract Times - SUBSTANTIAL COMPLETION:	+ / (-) 40 Day(s)	
5 Extension of Contract Times - FINAL COMPLETION:	+ / (-) 46 Day(s)	

Reason for Change Order:

- a) Change Order Item No. 1: Reconciliation of As-Built (Installed Vs Estimated) Quantities
- b) Change Order Item No. 2: Additional HMA driveway patching as directed by the Owner - Willow Ridge Drive.
- c) Change Order Item No. 3: Contractor directed not to replace existing low profile casting within driveway located at N170W19979 Willow Ridge Dr. New casting included within Bid Item #3 - San MH Chimney & Casting Replacement and was not installed therefore, warranting a material credit to the Owner.
- d) Change Order Item Nos. 4 & 5: Time extension resulting from unavailability of concrete subcontractors resulting in the delay in completion.

Attachments:

- a) Change Order Item No. 1: As-Built Quantity Worksheet - Final 11/16/22
- b) Change Order Item Nos. 4 & 5: Email correspondence between Contractor and Owner dated 10/20/21, 10/21/21 and 10/26/22.

CHANGE IN CONTRACT PRICE:	CHANGE IN CONTRACT TIMES:
Original Contract Price	Original Contract Times:
\$ 788,832.75	Substantial completion (date): October 1, 2021
	Ready for Final Payment (date): October 15, 2021
[Increase] [Decrease] from previous approved	[Increase] [Decrease] from previous approved
Change Orders No. 0 to No. 0 :	Change Orders No. 0 to No. 0
\$ 0.00	Substantial Completion (days): 0
	Ready for Final Payment (days): 0
Contract Price prior to this Change Order:	Contract Times prior to this Change Order:
\$ 788,832.75	Substantial completion (date): October 1, 2021
	Ready for Final Payment (date): October 15, 2021
[Increase] this Change Order:	[Increase] [Decrease] this Change Order:
\$ 226.26	Substantial Completion (days): 40
	Ready for Final Payment (days): 46
Contract Price incorporating this Change Order:	Contract Times with all approved Change Orders:
\$ 789,059.01	Substantial completion (date): November 10, 2021
	Ready for Final Payment (date): November 30, 2021
Recommended by Engineer (if required)	Accepted by Contractor
By: 	
Title: Senior Construction Manager	Project Administrator / Corp Secretary
Date: November 17, 2022	November 17, 2022
Authorized by Owner	Approved by Funding Agency (if applicable)
By: _____	_____
Title: _____	_____
Date: _____	_____

PROJECT NO: 07799-0013
PROJECT ID: Willow Ridge Drive Reconstruction
CLIENT: Village of Jackson
CONTRACTOR: Super Complex

AS BUILT QUANTITY WORKSHEET - FINAL 11/16/22



ITEM	DESCRIPTION	UNIT	ORIGINAL ESTIMATED QUANTITY	ORIGINAL SCHEDULE OF VALUES	CO#	TOTAL ESTIMATED QUANTITY	UNIT MEAS.	YTD SCHEDULE OF VALUES AMOUNT	ESTIMATED VS AS BUILT		
									As Built Quantities	Estimated VS As Built	As Built Values
1	COMMON EXCAVATION	\$16.20	4,200	\$ 68,040.00		2,300	C.V.	\$ 68,040.00	4,200	0	\$ 68,040.00
2	SAW CUTTING ASPHALT ROADWAY	\$3.10	200	\$ 620.00		200	L.F.	\$ 620.00	184	(16)	\$ 570.40
3	SAN M/C CHIMNEY & CASTING REPLACEMENT	\$1,440.00	7	\$ 10,080.00		7	EACH	\$ 10,080.00	7	0	\$ 10,080.00
4	VALVE BOX REPLACEMENT	\$420.00	3	\$ 1,260.00		3	EACH	\$ 1,260.00	2	(1)	\$ 840.00
5	48" STORM SEWER MANHOLE	\$2,870.00	4	\$ 11,480.00		4	EACH	\$ 11,480.00	4	0	\$ 11,480.00
6	12" DIA. STORM SEWER	\$90.00	395	\$ 35,550.00		395	L.F.	\$ 35,550.00	639	44	\$ 57,310.00
7	6" DIA. PVC STORM SEWER	\$90.00	98	\$ 8,820.00		98	L.F.	\$ 8,820.00	72.5	(26)	\$ 6,525.00
8	4" DIA. STORM LATERAL	\$68.00	2,084	\$ 141,712.00		2,084	L.F.	\$ 141,712.00	2,031.1	(53)	\$ 138,114.80
9	STORM MANHOLE CHIMNEY & CASTING REPLACEMENT	\$1,600.00	4	\$ 6,400.00		4	EACH	\$ 6,400.00	3	(1)	\$ 4,800.00
10	CATCH BASIN REPLACEMENT	\$3,000.00	6	\$ 18,000.00		6	EACH	\$ 18,000.00	6	0	\$ 18,000.00
11	CURB BOX REPLACEMENT	\$650.00	5	\$ 3,250.00		5	EACH	\$ 3,250.00	5	0	\$ 3,250.00
12	CURB STOP REPLACEMENT	\$1,200.00	3	\$ 3,600.00		3	EACH	\$ 3,600.00	2	(1)	\$ 2,400.00
13	SANITARY LATERAL REPLACEMENT (11 UNITS)	\$200.00	12	\$ 2,400.00		12	L.F.	\$ 2,400.00	12.3	1	\$ 2,500.00
14	6" SAN LATERAL RECONNECTION (7 UNITS)	\$200.00	7	\$ 1,400.00		7	L.F.	\$ 1,400.00	64.7	(6)	\$ 12,940.00
15	REMOVE CONCRETE SIDEWALK	\$0.50	13,435	\$ 6,717.50		13,435	S.F.	\$ 6,717.50	13,435	0	\$ 6,717.50
16	4" CONCRETE SIDEWALK	\$4.35	12,968	\$ 56,416.80		12,968	S.F.	\$ 56,416.80	13,093.27	125	\$ 56,955.72
17	REMOVE CURB & GUTTER	\$0.70	3,461	\$ 2,422.70		3,461	L.F.	\$ 2,422.70	3,469	8	\$ 2,428.30
18	30" CURB & GUTTER TYPE "D"	\$13.90	3,334	\$ 46,339.00		3,334	L.F.	\$ 46,339.00	3,241	(93)	\$ 45,353.50
19	REMOVE CONCRETE DRIVEWAY APRON	\$0.50	6,754	\$ 3,377.00		6,754	S.F.	\$ 3,377.00	5,961.98	(792)	\$ 2,980.99
20	7" CONCRETE DRIVEWAY APRON & SIDEWALK	\$5.50	10,319	\$ 56,754.50		10,319	S.F.	\$ 56,754.50	10,078.99	560	\$ 59,834.45
21	EXCAVATION BELOW SUBGRADE (BS)	\$17.00	420	\$ 7,140.00		420	C.V.	\$ 7,140.00	376.85	(43)	\$ 6,406.45
22	BS BACKFILL 1/4" DENSE	\$15.00	840	\$ 12,600.00		840	TONS	\$ 12,600.00	741.76	(98)	\$ 11,126.40
23	1/4" DENSE CRUSHED AGGREGATE BASE COURSE	\$15.00	3,900	\$ 58,500.00		3,900	TONS	\$ 58,500.00	3,988.52	89	\$ 59,827.80
24	LOWER LAYER HMA PAVEMENT 3-14"	\$71.00	1,275	\$ 90,525.00		1,275	TONS	\$ 90,525.00	1,285.39	10	\$ 91,262.69
25	UPPER LAYER HMA PAVEMENT 3-14"	\$75.65	685	\$ 51,820.25		685	TONS	\$ 51,820.25	724.08	(39)	\$ 54,776.65
26	TRAFFIC CONTROL	\$25,000.00	1	\$ 25,000.00		1	L.S.	\$ 25,000.00	1	0	\$ 25,000.00
27	LAWN RESTORATION	\$6.00	3,509	\$ 21,054.00		3,509	S.V.	\$ 21,054.00	3,509	0	\$ 21,054.00
28	INLET PROTECTION	\$90.00	10	\$ 900.00		10	EACH	\$ 900.00	10	0	\$ 900.00
29	ABANDON 8" SAN SEWER & WTM	\$4,880.00	1	\$ 4,880.00		1	L.S.	\$ 4,880.00	1	0	\$ 4,880.00
30	REMOVE SAN. MANHOLE	\$2,660.00	1	\$ 2,660.00		1	EACH	\$ 2,660.00	1	0	\$ 2,660.00
31	SALVAGE HYDRANT AND VALVE	\$1,000.00	1	\$ 1,000.00		1	L.S.	\$ 1,000.00	1	0	\$ 1,000.00
TOTAL - Items thru , Inclusive									\$ 788,832.75		\$ 788,832.75
CHANGE ORDER ITEMS (6 Supplemental Item by Change Order):											
CO1	HMA Driveway Patching	\$113.48	7	\$ 794.36		7	TN	\$ 794.36	7	0	\$ 794.36
Project TOTALS =									\$ 789,627.11		\$ 789,627.11

Net Change from Change Orders = \$ 794.36
ADD / (LESS) As-Built Reconciliation of Installed Quantities Vs Estimated = \$ (218.10)
TOTAL CHANGE FROM CHANGE ORDERS (including As-Built Reconciliation) = \$ 576.26
Change to Contract Price as Percent of ORIGINAL Contract Value = 0.07%
Change to Contract Price as Percent of FINAL Contract Value = 0.07%

1	Original Contract Price	\$ 788,832.75
2	Change Orders	\$ 576.26 Include As-Built CO's (Y or N)
3	Current Contract Price	\$ 789,409.01
4	Completed to Date	\$ 789,409.01 ("YTD Contractor Submittal")
5	Retainage	0.07% \$ - (5% before Substantial Completion 2.5% after)
6	Complete LSS Retainage	\$ 789,409.01
7	Previous Payments	\$ 742,193.21
8	LSS	\$ -
9	Additional Eng Costs	\$ -
10	DCB this Application	\$ 47,215.80
11	Balance to Finish including Retainage	\$ -

CONTRACTOR PTD PAYMENTS:

Payment No.1	\$ 89,091.00
Payment No.2	\$ 224,864.81
Payment No.3	\$ 238,128.22
Payment No.4	\$ 190,109.18
Payment No.5	
Payment No.6	
Payment No.7	
Payment No.8	
Payment No.9	
Payment No.10	
Payment No.11	
Payment No.12	

YTD PAID TO CONTRACTOR = \$ 742,193.21
As-Built Value = \$ 789,409.01
Balance = \$ 47,215.80

Line 10 PLUS 11 \$ 47,215.80

NOTES:

Value for at 14/23 IUPLE was not replanted/landed any
Increased quantities related to storm sewer revision between MH1100 & MH112 = Replaced existing storm sewer on Ridgeway Dr & Willow Ridge per Owner's direction.
Detailed quotation related to storm sewer revision.
Eliminated 2 each laterals: combined laterals as directed by Owner.
Salvaged 1 each existing cutting/chimney - no replacement/replacement necessary.
Additional driveway replacement per village request

Doug Kroes

From: dough@sopercompanies.com
Sent: Tuesday, October 26, 2021 5:28 PM
To: 'Brian Kober'
Cc: Doug Kroes; 'Ethan Engel'; brianh@sopercompanies.com; 'Jen Keller'; Joseph Coe
Subject: RE: Schedule update

Hi Brian,

An update to the schedule is below, right now the issue is with the paving. I spoke with Stark Pavement, and the first they can get there is the week of the 8th. They said if there schedule changes they will update us. They are working to get there earlier, and the issue with them is freeing up a paving crew. They have told us that the concrete contractors have them backed up also. I have tried to get them in for next week, but there is know way they can get there.

I have scheduled All-ways to get in to do the restoration at the tail end of next week, after there is enough cure on the walks. They anticipated it would take them about 2.5 days to complete the restoration work.

I'm sorry, I know this is not what the Village wants to hear, and it's not what we want to hear either. Please contact us with your concerns, and or questions.

Concrete completion: 29th or the 30th October

Topsoil Restoration: 4th-8th November

Road Fine Grading: 8th-9th November

Roadway Paving: 10th-11th November

Thank you,

Doug Hansen
Project Manager
Soper Companies
sopercompanies.org
139 E Packer Avenue, Oshkosh, WI 54901
O: 920-233-4869 | C: 920-573-0354



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From: Brian Kober <brian.kober@villageofjackson.com>
Sent: Thursday, October 21, 2021 11:45 AM
To: dough@sopercompanies.com

Cc: Doug Kroes <doug.kroes@cedarcorp.com>; Ethan Engel <ethane@sopercompanies.com>; brianh@sopercompanies.com; Jen Keller <jen.keller@villageofjackson.com>; Joseph Coe <joe.coe@cedarcorp.com>
Subject: RE: Schedule update

Doug,

Thanks for the email and the update on the project.

The Village of Jackson is requiring a new project schedule with the new completion date. Please submit asap.

Since Sommers has started today October 21st on the sidewalk, we will see how far they get to determine any safety measures for safe passage of trick or treaters on October 31st.

If you have any questions please do not hesitate to ask.

Brian W. Kober. P.E.
Director of Public Works/Village Engineer
Village of Jackson
W194 N16660 Eagle Drive
PO Box 637
Jackson, WI 53037
Phone: 262-677-0707
Fax: 262-677-8770

From: dough@sopercompanies.com <dough@sopercompanies.com>
Sent: Wednesday, October 20, 2021 3:35 PM
To: Brian Kober <brian.kober@villageofjackson.com>
Cc: Doug Kroes <doug.kroes@cedarcorp.com>; Ethan Engel <ethane@sopercompanies.com>; brianh@sopercompanies.com
Subject: RE: Schedule update

Hi Brian,
Sommers has informed me that they will be on Willow Ridge tomorrow.

Thank you,

Doug Hansen
Project Manager
Soper Companies
sopercompanies.org
139 E Packer Avenue, Oshkosh, WI 54901
O: 920-233-4869 | C: 920-573-0354



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From: dough@sopercompanies.com <dough@sopercompanies.com>
Sent: Wednesday, October 20, 2021 2:01 PM
To: 'Brian Kober' <brian.kober@villageofjackson.com>
Cc: Doug Kroes <doug.kroes@cedarcorp.com>; Ethan Engel <ethane@sopercompanies.com>;
brianh@sopercompanies.com
Subject: Schedule update

Hi Brian,

A quick update on the concrete production on Willow Ridge. I was in contact with Sommers Construction this morning. Aaron Sommers had told me that they were going to be self-performing the concrete work for the street. He said that they would be onsite Thursday or Friday, I will try to pin him down on the specific day.

We are deeply sorry for the delay on the project, and the inconvenience to the Village, and the residents on Willow Ridge. We are trying to accommodate everyone as much as possible. We have searched the state looking for a contractor to perform the work with no luck. The answer was the same from all we contacted, they had no capacity to perform the work, with the lone exception of DC Burbach, which he was still out until the 1st of November.

Again we are sorry for the delay & inconvenience. Our goal is to get this project finished this year. Please contact us with any questions, or concerns.

Thank you,

Doug Hansen
Project Manager
Soper Companies
sopercompanies.org
139 E Packer Avenue, Oshkosh, WI 54901
O: 920-233-4869 | C: 920-573-0354



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Brian Kober

From: Doug Kroes <doug.kroes@cedarcorp.com>
Sent: Wednesday, December 7, 2022 2:40 PM
To: Jackie Walton-Kumbier
Cc: Doug Hansen; Brian Kober
Subject: RE: Jackson-Willow Ridge Drive: Application for Payment No. 5 - Engineer's Review Comments 12/7/22

Jackie:

Thank you for the information. At this point in time, the Owner would like to retain \$5,000.00 until outstanding items are completed within Spring of 2023. Therefore, Application for Payment No. 5 should resemble the following:

1	Original Contract Price	\$	788,832.75
2	Change Orders	\$	226.26
3	Current Contract Price	\$	789,059.01
4	Completed to Date	\$	789,059.01
5	Retainage	0.0%	\$ 5,000.00
6	Complete LESS Retainage	\$	784,059.01
7	Previous Payments	\$	742,193.21
8	LDs	\$	-
9	Additional Eng Costs	\$	-
10	DUE this Application	\$	41,865.80
11	Balance to Finish Including Retainage	\$	5,000.00

ALSO, as there has been only one change order for this contract, your change order summary within the application form should resemble the following:

Change Order Summary

Approved Change Orders		
Number	Additions	Deductions (Enter as Positive Number)
1	\$794.36	\$568.10
X	\$794.36	\$215.10
X		\$300.00
TOTALS	\$794.36	\$568.10
NET CHANGE BY CHANGE ORDERS	\$226.26	

IN REGARD TO FINAL PAYMENT WITHIN 2023 (Application No. 6 – FINAL), considering all other items are submitted with application no. 5, the only documents required with application no. 6 FINAL will be:

1. Final Lien Waiver: Lawn Restoration Contractor
2. Consent of Surety to Final Payment
3. Certificate of Completed Operations Insurance

Therefore, please resubmit Application No. 5 with revisions as stated above plus any outstanding final lien waivers along with the partial lien waiver from your lawn restoration contractor.

Please feel free to contact me should you have any questions.

Thank you,

Doug Kroes

Senior Construction Manager

Cedar Corporation

W61 N497 Washington Avenue | Cedarburg | WI | 53012

Office: 262-204-2360 ext 1403 | TF: 800-472-7372

Cell: 920-246-6326

doug.kroes@cedarcorp.com

www.cedarcorp.com | [LinkedIn](#) | [Facebook](#) | [Twitter](#)

This e-mail and any attachments may contain proprietary and confidential information from Cedar Corporation. Please visit our website at <http://www.cedarcorp.com/disclaimer> for more details.

From: Jackie Walton-Kumbier <jackiew@sopercompanies.com>

Sent: Friday, December 2, 2022 12:39 PM

To: Doug Kroes <doug.kroes@cedarcorp.com>

Cc: Doug Hansen <dough@sopercompanies.com>

Subject: Jackson-Willow Ridge Drive

Close-Out documents. I am waiting on a few lien waivers from subcontractors but will forward when I get them.

Thank you,

Jackie Walton-Kumbier

Project Administrator

Soper Sewer & Water LLC



jackiew@sopercompanies.com

3420 Jackson Street Suite A

Oshkosh, WI 54901

Office: 920-233-4869 ext, 1206

LISTING OF PUNCH LIST ITEMS

PROJECT ID: Willow Ridge Drive Reconstruction
PROJECT NO.: 05789-0013
CONTRACTOR: Soper Companies
CLIENT: Village of Jackson



Item No.	Item ID: (MH, Hyd, MAIN, etc.)	ITEM LOCATION (Sta./Structure No. /Address, etc.)	DESCRIPTION OF DEFICIENCY / WORK TO COMPLETE	ITEM NOTED		ITEM COMPLETE	
				DATE	BY	DATE	INSPECTED / VERIFIED BY
1	Mail Boxes	Throughout	Reinstall all mail boxes removed as part of construction.	11/12/21	JCC	11/30/21	JCC
2	Concrete Joints	Flat Work	Fill in excessive expansion joint gaps within areas identified by Owner/Engineer in the manner approved by the Owner.	11/12/21	JCC	11/15/21	JCC
3	Test Results	Concrete Work	Submit all remaining concrete testing results as required by Sections 32 16 13 & 32 16 23 of the contract documents.	11/18/21	DTK	6/17/22	DTK
4	Test Results	HMA Pavement	Submit density testing results as required by Section 32 12 00 of the contract documents	11/18/21	DTK	11/30/21	DTK
5	Lawn Restoration	All restored/seeded areas	Perform maintenance and monitoring responsibilities within all seeded areas as required within Section 32 92 00	6/20/22	JCC		
6	Record Documents		Submit record drawing information as required within Section 01 78 39 of the contract documents.	11/18/21	DTK	6/16/22	DTK
7	Inlet Protection	Inspection & Maintenance	Inspect and maintain/replace inlet protection fabric until disturbed soil areas are permanently stabilized as defined by WDNR	11/18/21	DTK	6/20/22	JCC
8	Reporting	Erosion & Sediment Controls	Submit weekly/rain event erosion control inspection reports as required by Section 31 25 00 of the contract documents.	11/18/21	DTK	11/23/21	DTK
9	Traffic Control Devices	Installed Locations	Remove devices from site when complete.	11/18/21	JCC	11/30/21	JCC
10	Chimney Seals	Sanitary Manholes	Install internal chimney seals within all sanitary manholes as specified.	11/18/21	JCC	11/30/21	JCC
11	Temporary Mailboxes	Installed Locations	Remove temporary mailboxes following reestablishment of normal mail delivery route.	11/18/21	JCC	11/30/21	JCC

LISTING OF PUNCH LIST ITEMS

PROJECT ID: Willow Ridge Drive Reconstruction
PROJECT NO.: 05789-0013
CONTRACTOR: Soper Companies
CLIENT: Village of Jackson



Item No.	Item ID: (MH, Hyd, MAIN, etc.)	REVISED: 1/16/2023		ITEM NOTED		ITEM COMPLETE	
		ITEM LOCATION (Sta./Structure No. /Address, etc.)	DESCRIPTION OF DEFICIENCY / WORK TO COMPLETE	DATE	BY	DATE	INSPECTED / VERIFIED BY
12	Site Clean-up	Roadways, Sidewalks, Etc.	Clean all pavements, sidewalks, etc. within areas used for topsoil stockpiling and/or placement.	11/18/21	JCC	6/9/22	JCC
13	Driveway	W203N17084 Willow Ridge Drive	Replace cracked section of driveway (Cracked NE corner)	11/29/21	JCC	6/9/22	JCC
14	Lawn Restoration	Throughout	Add topsoil and grade to provide proper drainage (Pay extra attention to lot north of Chateau Drive)	6/20/22	JCC		
15	Lawn Restoration	Throughout	Reseed, fertilize and mulch as needed	6/20/22	JCC		
16	Concrete	N170W20176	Remove and replace cracked section of driveway approach	4/21/22	JCC	6/9/22	JCC
17	Concrete	N170W20154	Repair driveway approach (East side)	4/21/22	JCC	6/9/22	JCC
19	Concrete	N170W20297	Patch hole in sidewalk	4/21/22	JCC	6/9/22	JCC
20	Concrete	N170W20157	Grind tree stump (To be done by Villlage)	4/21/22	JCC	6/9/22	JCC
21	Concrete	N170W20061	Repair chipped sidewalk - west side of lot	4/21/22	JCC	6/9/22	JCC
22	Bush	N170W20106	Replace bush east side of property	4/21/22	JCC	6/9/22	JCC
23	Concrete		Patch deep impressions left in concrete surface by leaves - W20229, W20201, W19981, W19959, W20374 Hunter Drive	4/21/22	JCC	6/9/22	JCC
24	Concrete	NW corner of Ridgeway Dr and Willow Ridge Dr	Replace Pedestrian ramp (Midwest Fibre)	4/21/22	JCC	6/9/22	JCC
25	Sanitary MH Flowlines	MHs: 1, 2 & 3	Manhole flowlines are accumulating debris. Inspect and address as necessary (Coordinate Inspection w/ Owner's staff as requested)	5/19/22	B. Kober		
26	Lawn Restoration	N170W20342 Willow Ridge	Address deficiencies within lawn restoration areas.	5/23/22	B. Kober		

LISTING OF PUNCH LIST ITEMS

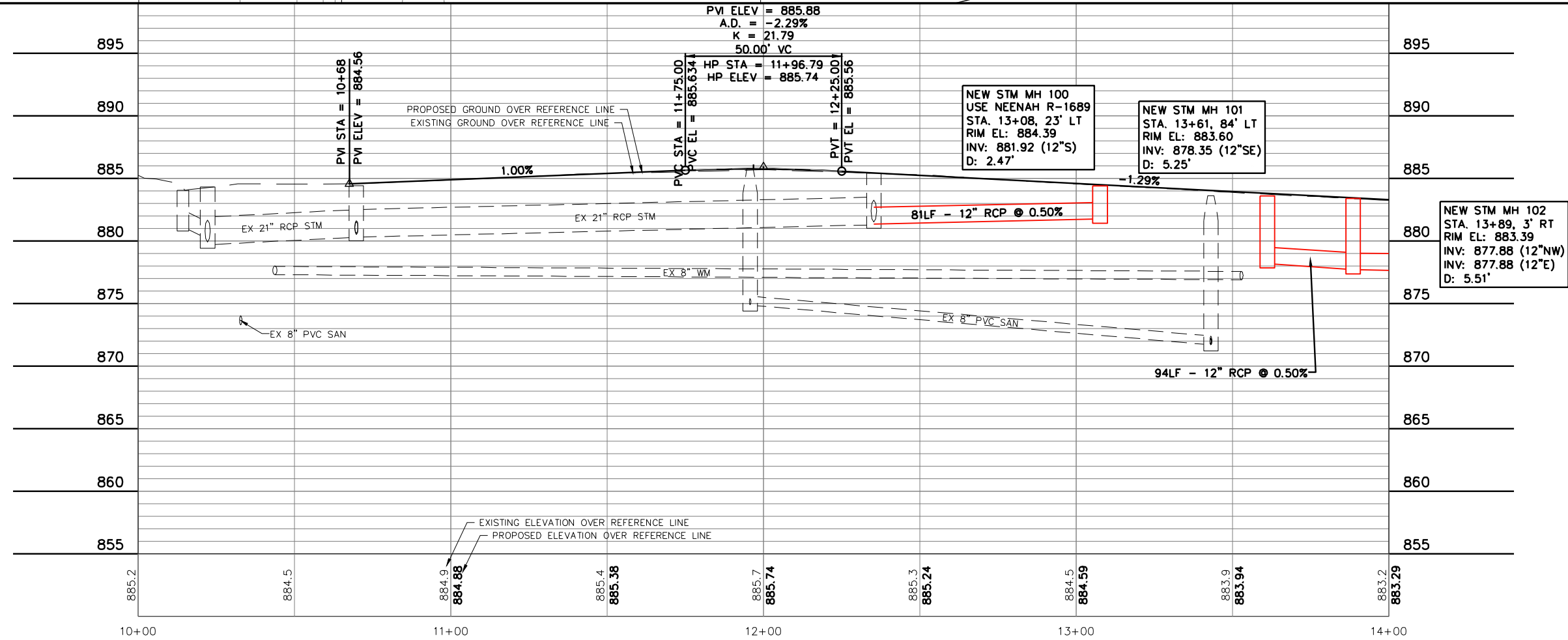
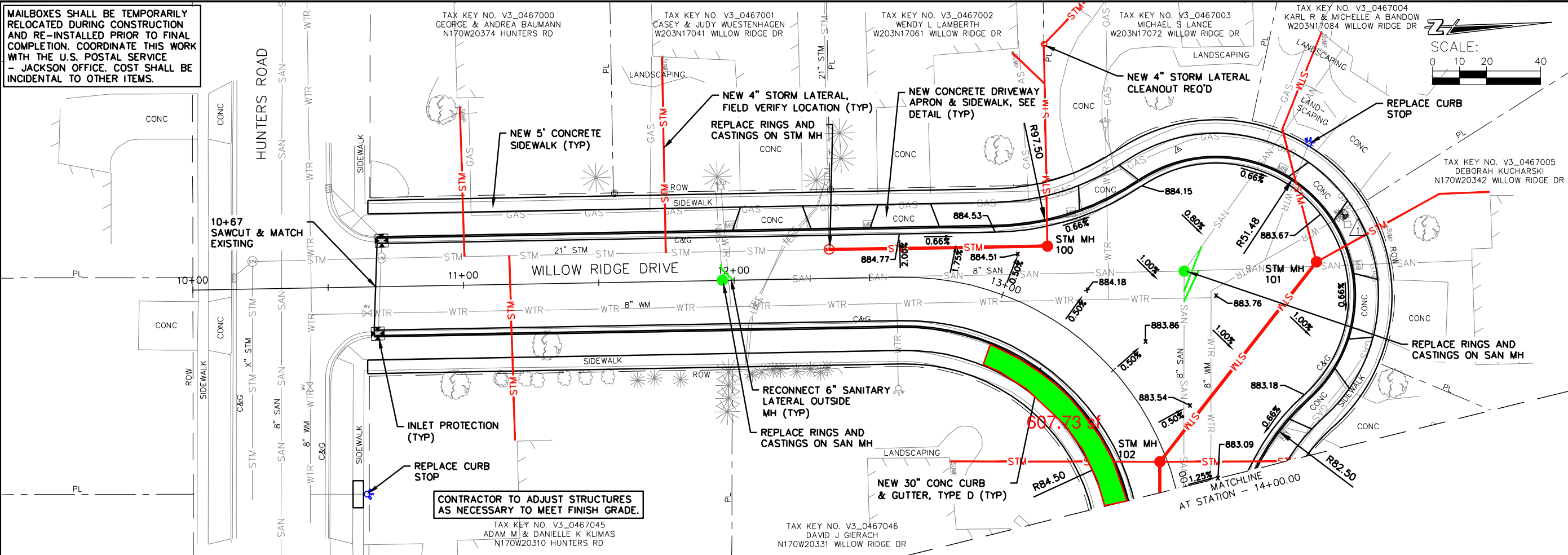
PROJECT ID: Willow Ridge Drive Reconstruction
PROJECT NO.: 05789-0013
CONTRACTOR: Soper Companies
CLIENT: Village of Jackson



Item No.	Item ID: (MH, Hyd, MAIN, etc.)	ITEM LOCATION (Sta./Structure No. /Address, etc.)	DESCRIPTION OF DEFICIENCY / WORK TO COMPLETE	ITEM NOTED		ITEM COMPLETE	
				DATE	BY	DATE	INSPECTED / VERIFIED BY
27	Lawn Restoration	N170W19982 Willow Ridge	Address deficiencies within lawn restoration areas.	5/24/22	B. Kober		
28	Inlet protection	Throughout	Remove inlet protection	6/9/22	JCC	6/20/22	JCC
29	Bush	N170W20229	Home owner complaint-Bush was removed during storm lateral installation and was replanted. Resident said bush was not replanted in the same spot and the bushes in front of house are no longer evenly spaced. He also said that the bush growth is stunted and is turning brown. Investigate and take any corrective measures needed	6/9/22	JCC		
30	Sidewalk	N170W20106	Remove and replace cracked sidewalk section.	6/20/22	JCC		
31	Resoration	Lot between N170W20106 and N170W20058	Remove exposed large stone/rock, fill voids and restore	12/7/22	JCC		
32	Resoration	See Exhibit	Restore areas indicated on exhibit (Fill low areas , grade, seed, fertilize)	12/7/22	JCC		

NOTE: This list may not be all-inclusive and the failure to include an item within it does not alter the responsibility of the CONTRACTOR and/or DEVELOPER to complete all the Work in accordance with the Contract Documents and/or Development Agreement.

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VILLAGE OF JACKSON
WILLOW RIDGE DRIVE RECONSTRUCTION
WASHINGTON COUNTY, WISCONSIN
WILLOW RIDGE DRIVE PLAN AND PROFILE

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920-491-9081
FAX 920-491-9020

604 Wilson Ave.
Madison, WI 53717
715-235-9081
FAX 715-235-2727

JOB NO.
05789-0013

BOOK NO.

DRAWN BY
BJG

CHECKED BY
RDD

DATE
MAY 18, 2021

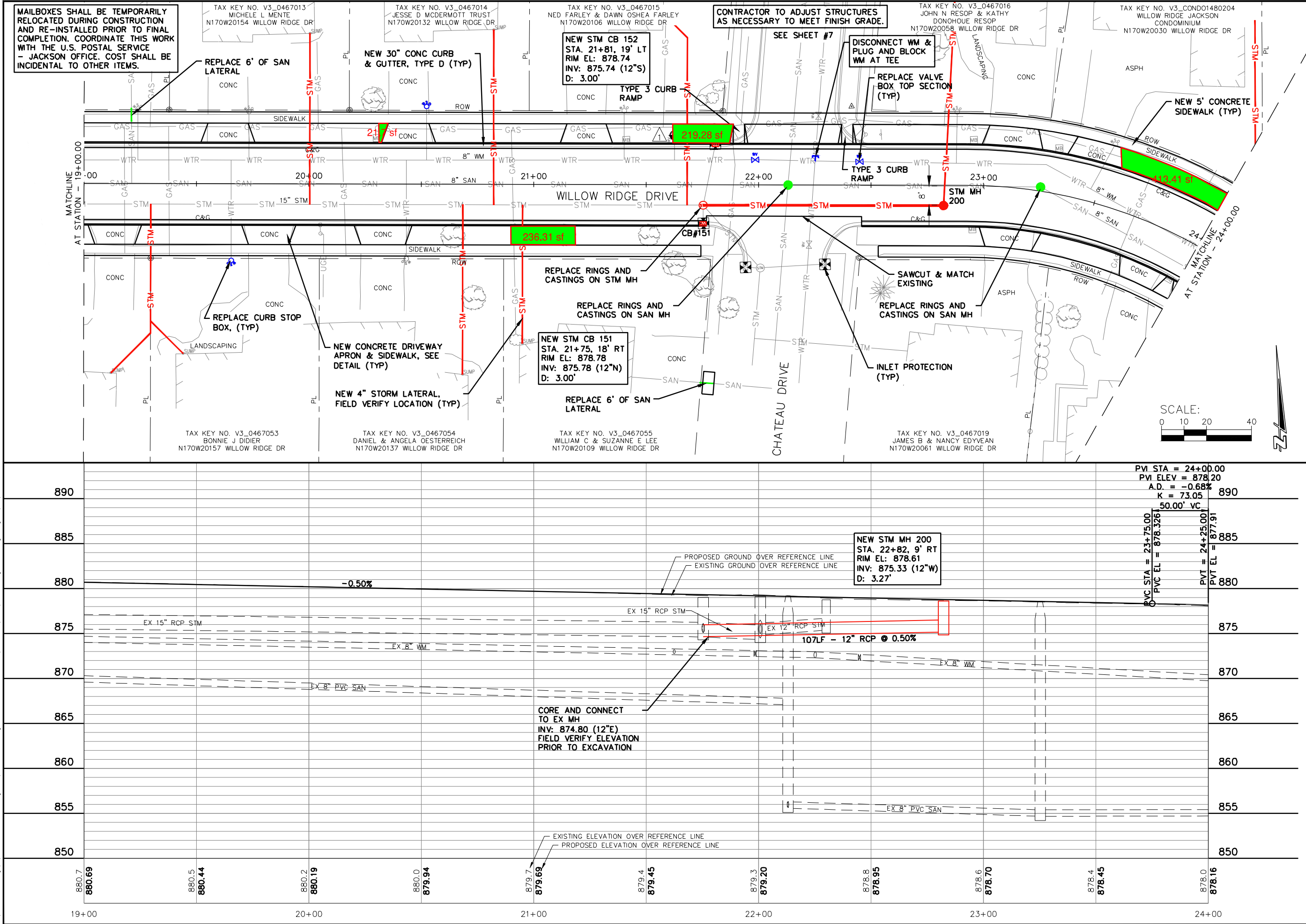
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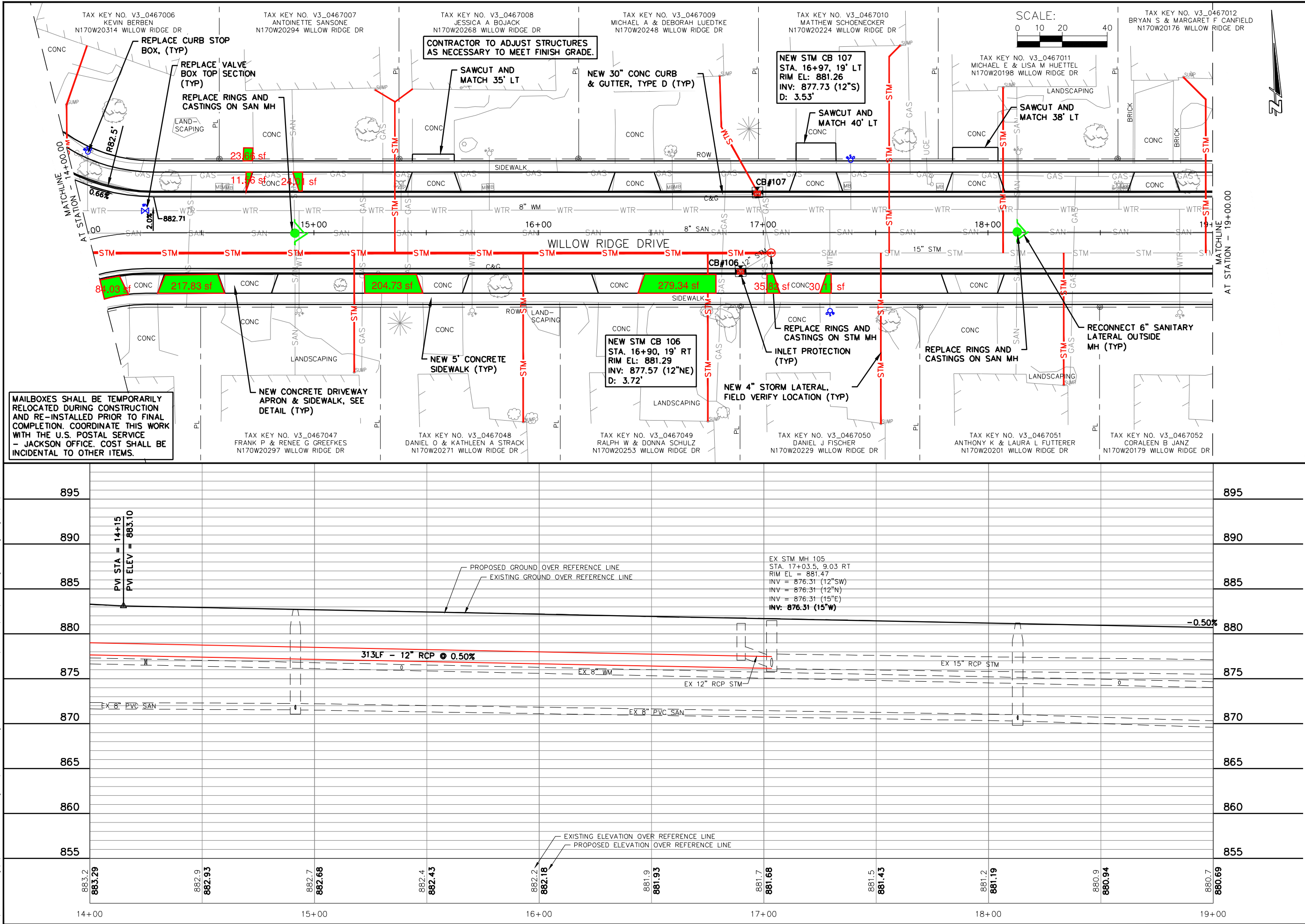
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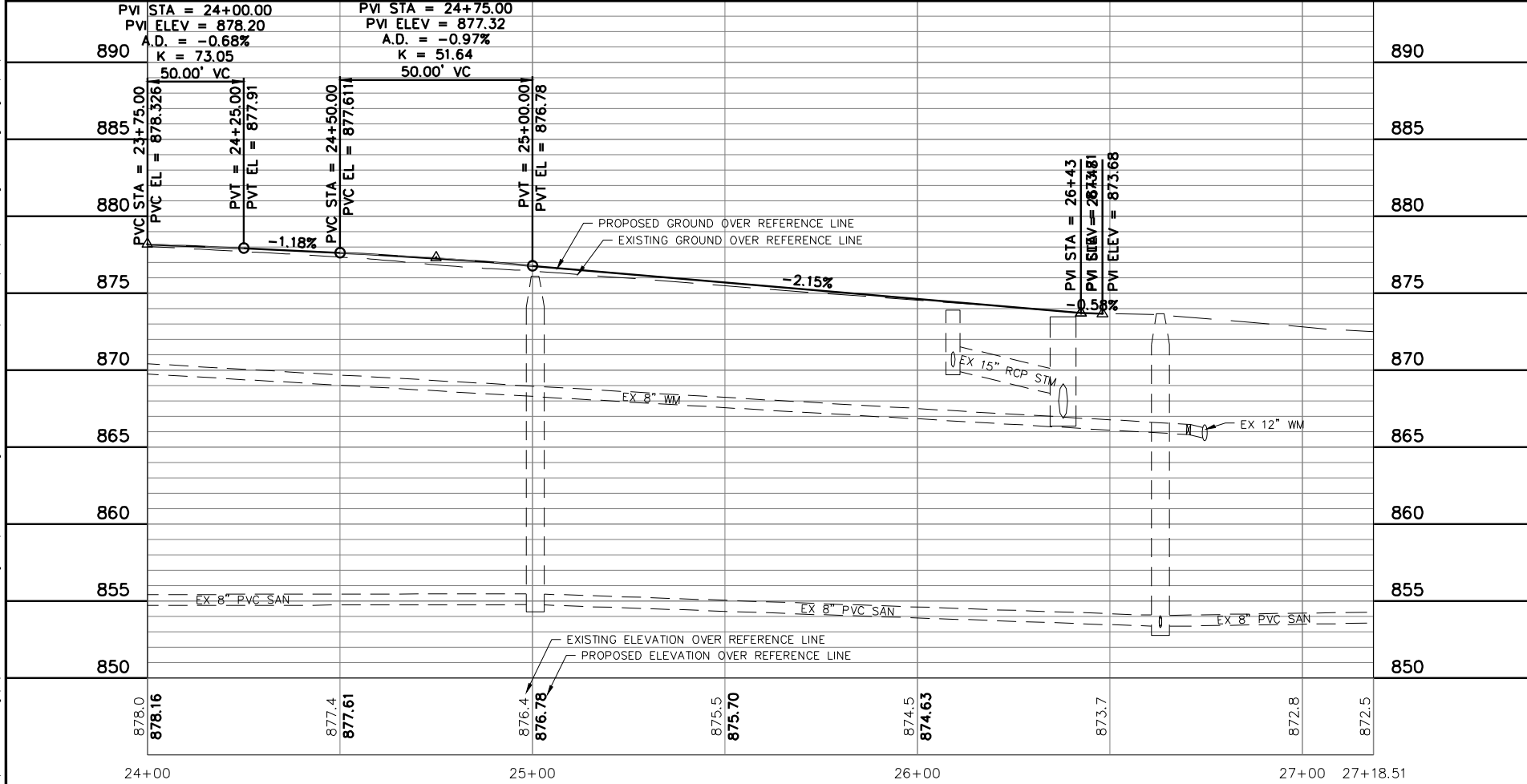
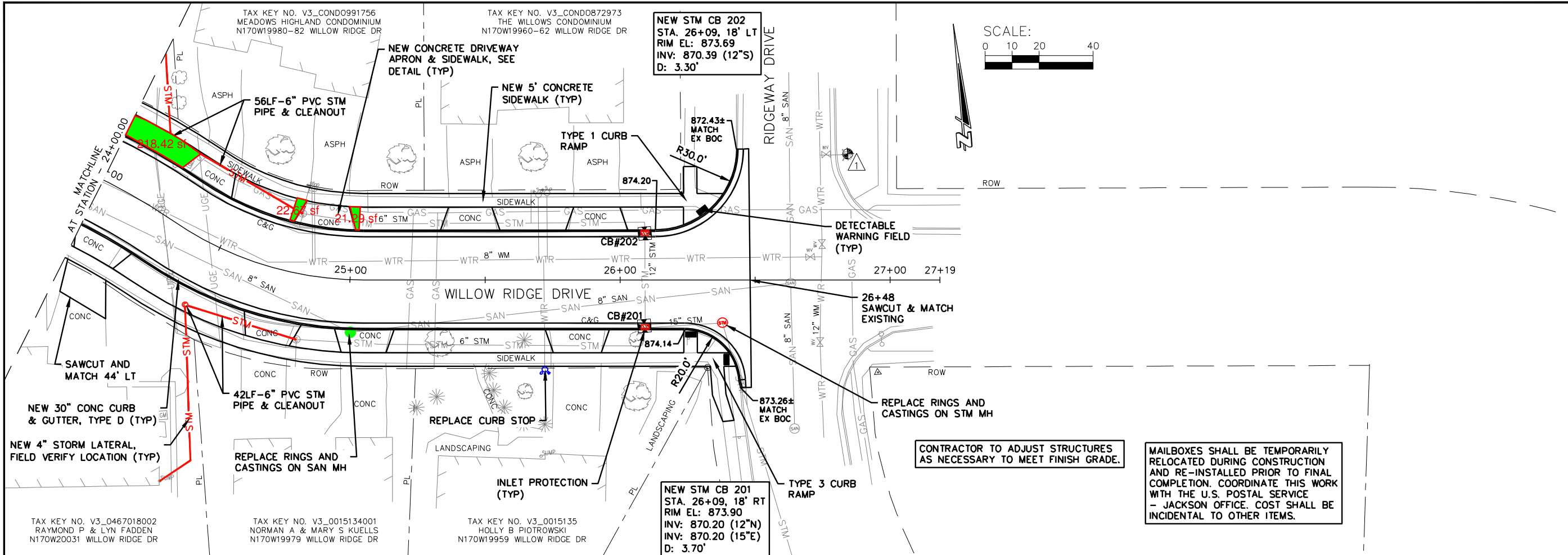
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FAX 801-225-3081

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WASHINGTON COUNTY, WISCONSIN
WILLOW RIDGE DRIVE PLAN AND PROFILE

Memo

To: Jen Keller, Village Administrator
From: Brian W. Kober, P. E., Director of Public Works *BWK*
Subject: STH 60 – 2023 Utility Upgrade Project – Construction Cost
Date: January 26, 2023
CC: Board of Public Works; Village Board

After the award of the contract to Advanced Construction, we been meeting on best practices to complete the project. Also, we had a change to the project by replacing the water main in Jackson Drive.

Advanced Construction has proposed to pipe burst the sanitary laterals instead of open cut process. The pipe bursting method would save roughly \$91,000.00 in the project just on piping. There are other savings of lawn restoration, backfill material, etc. that will be saved but not calculated at this time.

The water main change had an additional cost of \$85,311.00. Since, we are changing to pipe bursting, the contract will not have to be amended for the addition of the water main.

The Special Assessment costs are being finalized, and preliminary assessment will be available at the Board of Public Works meeting for discussion.

If you have any questions, please let me know.

Brian W. Kober, P.E.

Brian Kober

From: Shane Kofler <skofler@advconst.net>
Sent: Tuesday, January 17, 2023 4:19 PM
To: Jeff Chvosta
Cc: Jeff Spaeth; Todd Drew; Brian Kober; Paul Kultgen
Subject: RE: VOJ 22-01, STH 60, Village of Jackson - Addendum 2

Follow Up Flag: Follow up
Flag Status: Flagged

Hey guys,

Still waiting on pricing for the water stuff. But I did talk with M&E Bursting about pipe bursting laterals. The cost per foot for bursting would be \$139.00. This would cover any slurry or gravel required for backfilling the pit in road or driveways.

If all of the footage were to be installed, it would be a savings of around \$91,000. I also think that it could help speed up the project as a whole. Let me know if you have any questions or if you need any additional information.

Thanks,

Shane Kofler

Advance Construction Inc

Phone: 920-434-3978 / Fax: 920-434-6228

Direct: 920-593-1016 / Cell: 920-606-5011

From: Jeff Chvosta <J.Chvosta@gremmerassociates.com>
Sent: Friday, January 13, 2023 2:47 PM
To: Shane Kofler <skofler@advconst.net>
Cc: Jeff Spaeth <J.Spaeth@gremmerassociates.com>; Todd Drew <T.Drew@gremmerassociates.com>; brian.kober@villageofjacksonwi.gov
Subject: [External] VOJ 22-01, STH 60, Village of Jackson - Addendum 2

Shane,

Thanks for taking the time to meet with us yesterday morning. We received an email from WDNR after the meeting confirming that ductile iron water main with fluorocarbon gaskets will be required for the proposed water main along Jackson Drive.

Attached is Addendum 2 which includes the revised plan sheets. Please provide a proposed change order for the additional bid items.

Thanks,
Jeff

Advance Construction, Inc.

2141 Woodale Ave
Green Bay, WI 54313

Phone: (920) 434-3978
Fax: (920) 434-6228

QUOTE

Quote # 45620
DATE: January 19th, 2023

Bill To:

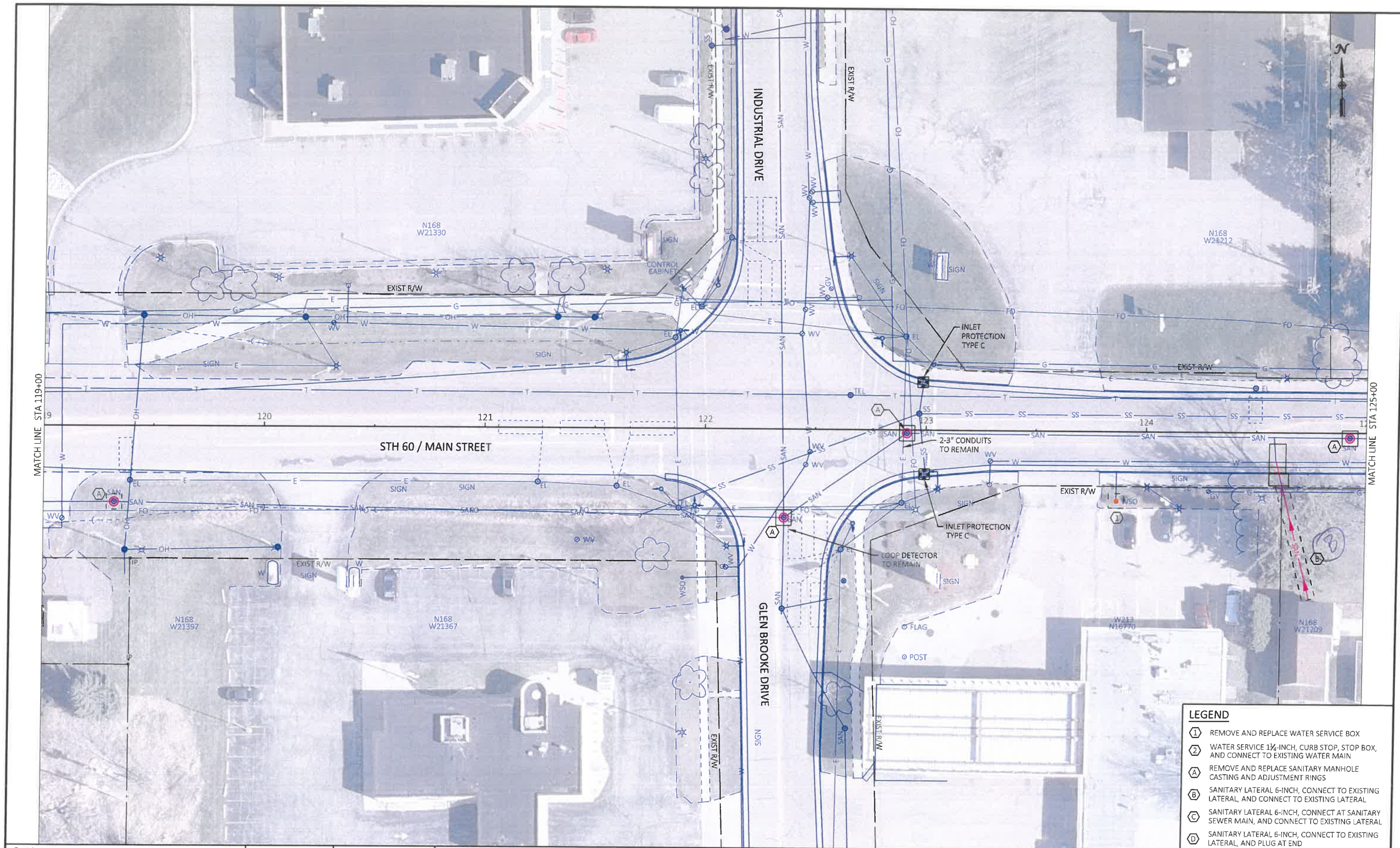
Brian Kober
Village of Jackson

Advance Construction Rep	Job	Quote terms
Shane Kofler	Additional Water Main	Prices Good for 90 Days

Quantity	Unit	Description	Unit Price	Amount
1	EA	Temporary Blowoff	506.00	\$ 506.00
				\$ -
1	EA	Connect to existing water main with 12" gate valve	4,480.00	\$ 4,480.00
				\$ -
247	LF	12 DI water main w/ fluorocarbon gaskets, granular backfil	291.00	\$ 71,877.00
				\$ -
4	EA	12" 22.5 deg bends	1,004.00	\$ 4,016.00
				\$ -
2	EA	Cap 12" Water	2,216.00	\$ 4,432.00
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -

Subtotal	\$ 85,311.00
Mark Up	\$ -

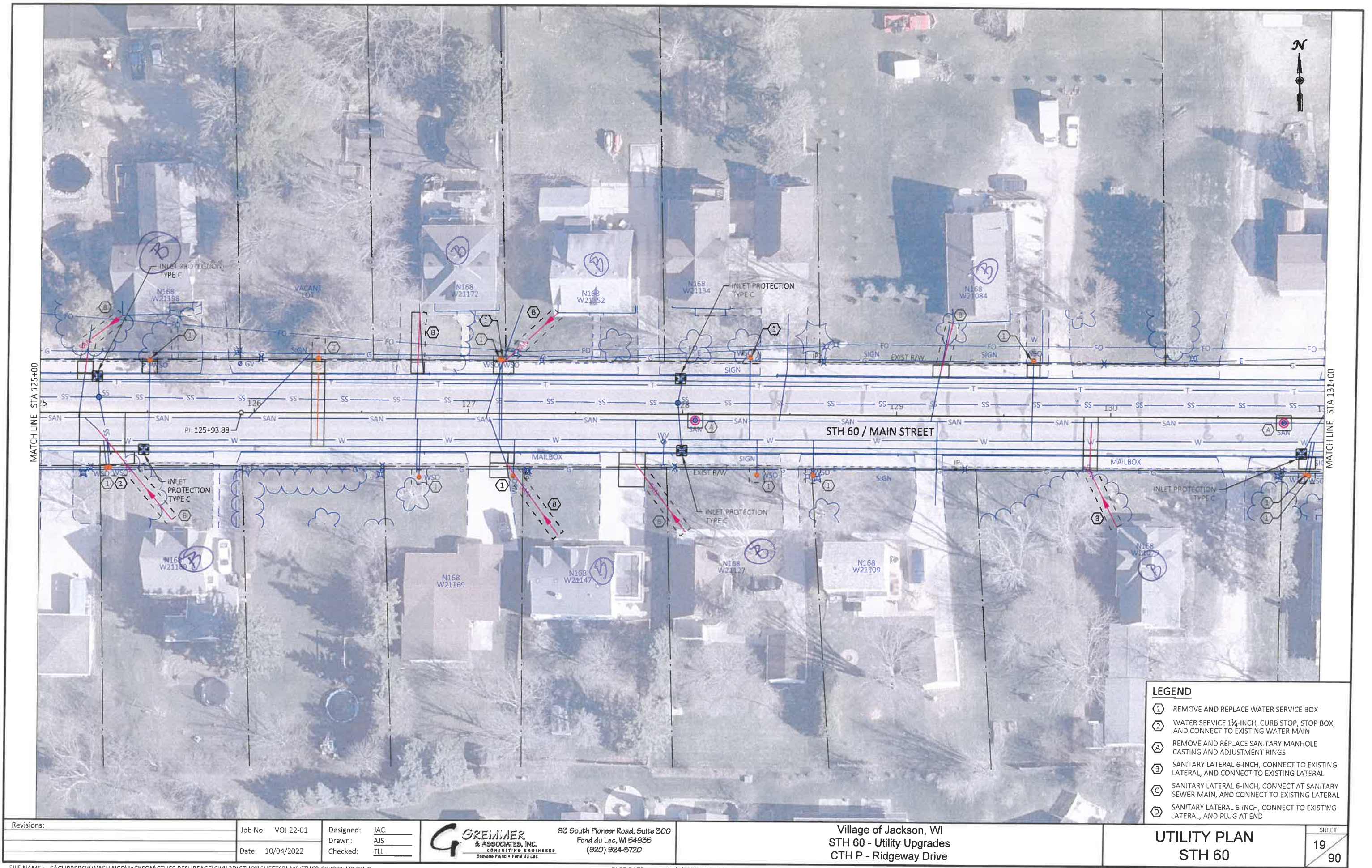
TOTAL	\$ 85,311.00
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LEGEND

- ① REMOVE AND REPLACE WATER SERVICE BOX
- ② WATER SERVICE 1 1/4-INCH, CURB STOP, STOP BOX, AND CONNECT TO EXISTING WATER MAIN
- A REMOVE AND REPLACE SANITARY MANHOLE CASTING AND ADJUSTMENT RINGS
- B SANITARY LATERAL 6-INCH, CONNECT TO EXISTING LATERAL, AND CONNECT TO EXISTING LATERAL
- C SANITARY LATERAL 6-INCH, CONNECT AT SANITARY SEWER MAIN, AND CONNECT TO EXISTING LATERAL
- D SANITARY LATERAL 6-INCH, CONNECT TO EXISTING LATERAL, AND PLUG AT END

UTILITY PLAN
STH 60



Revisions:	Job No: VOJ 22-01	Designed: JAC
	Date: 10/04/2022	Drawn: AUS
		Checked: TLL

FILE NAME : S:\CURRPROJ\WASHINCO\JACKSON\STH60 RESURFACE\CIVIL3D\STH60\SHEETPLAN\STH60-023001-UP.DWG
LAYOUT NAME - Sheet-06-A

**GREINER & ASSOCIATES, INC.**
CONSULTING ENGINEERS
Sovereign Pointe • Fond du Lac

93 South Pioneer Road, Suite 300
Fond du Lac, WI 54935
(920) 924-5720

PLOT DATE 10/4/2022 8:41 AM

PLOT BY: AARON SARAUER

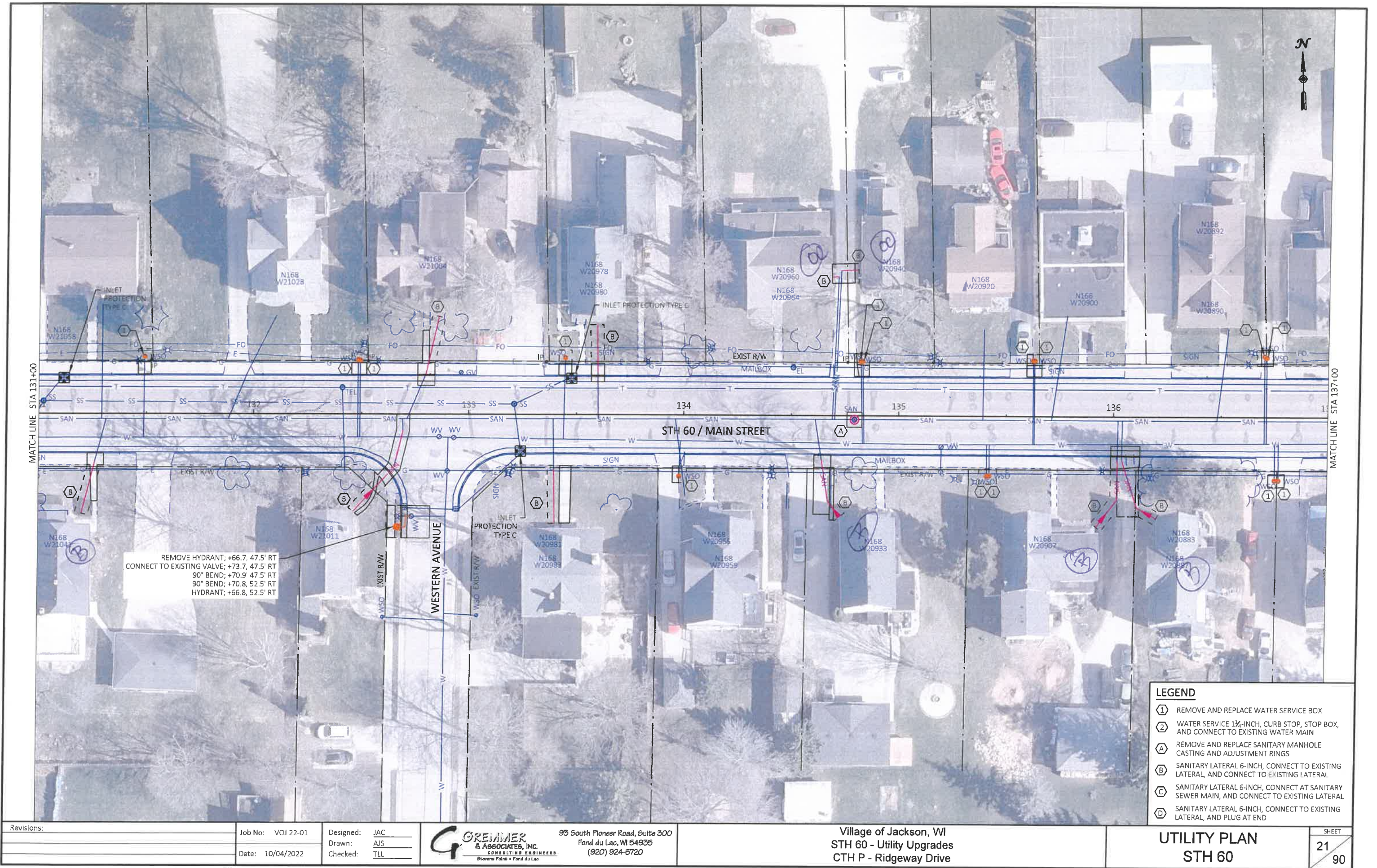
Village of Jackson, WI
STH 60 - Utility Upgrades
CTH P - Ridgeway Drive

- LEGEND**
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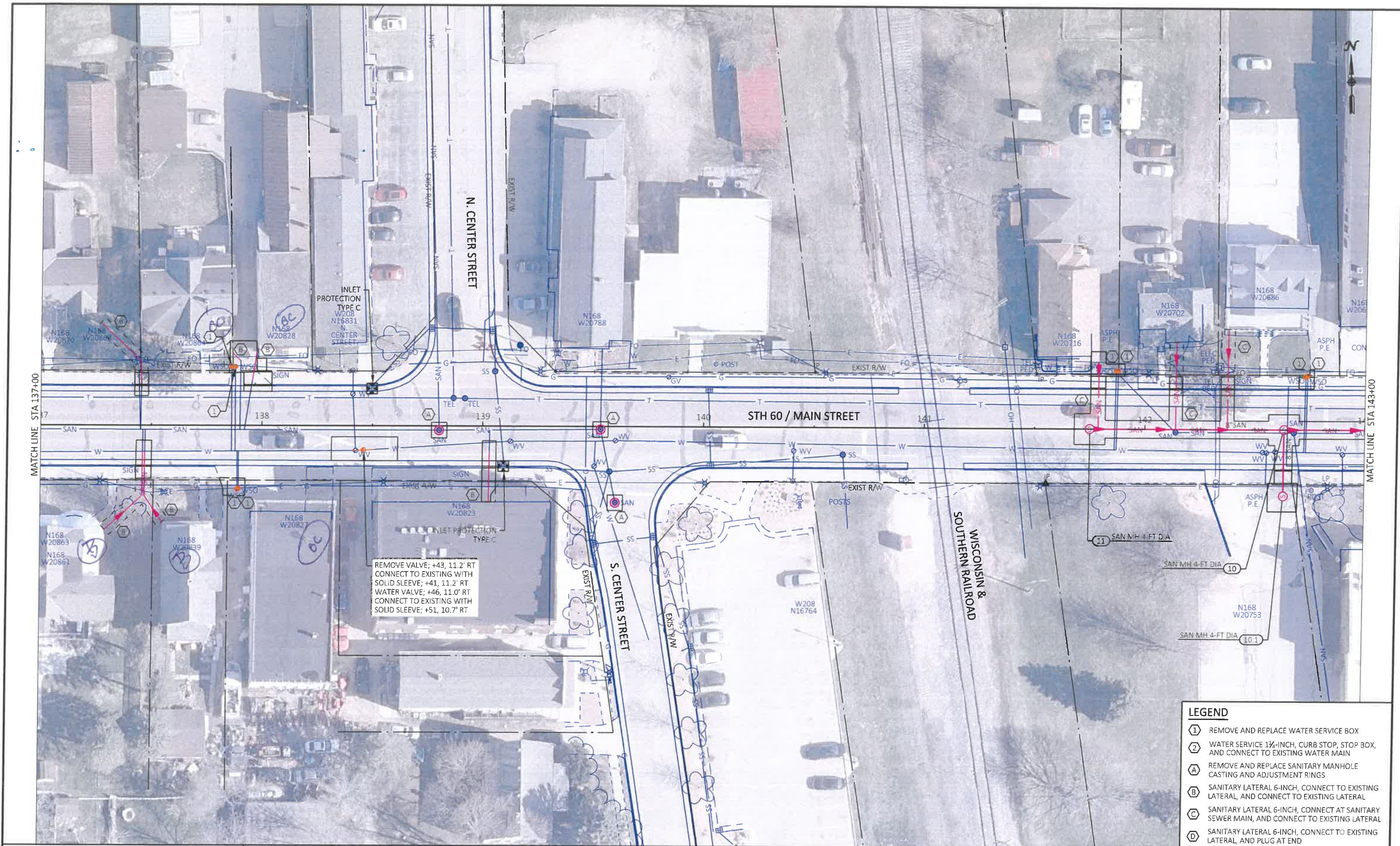
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STH 60

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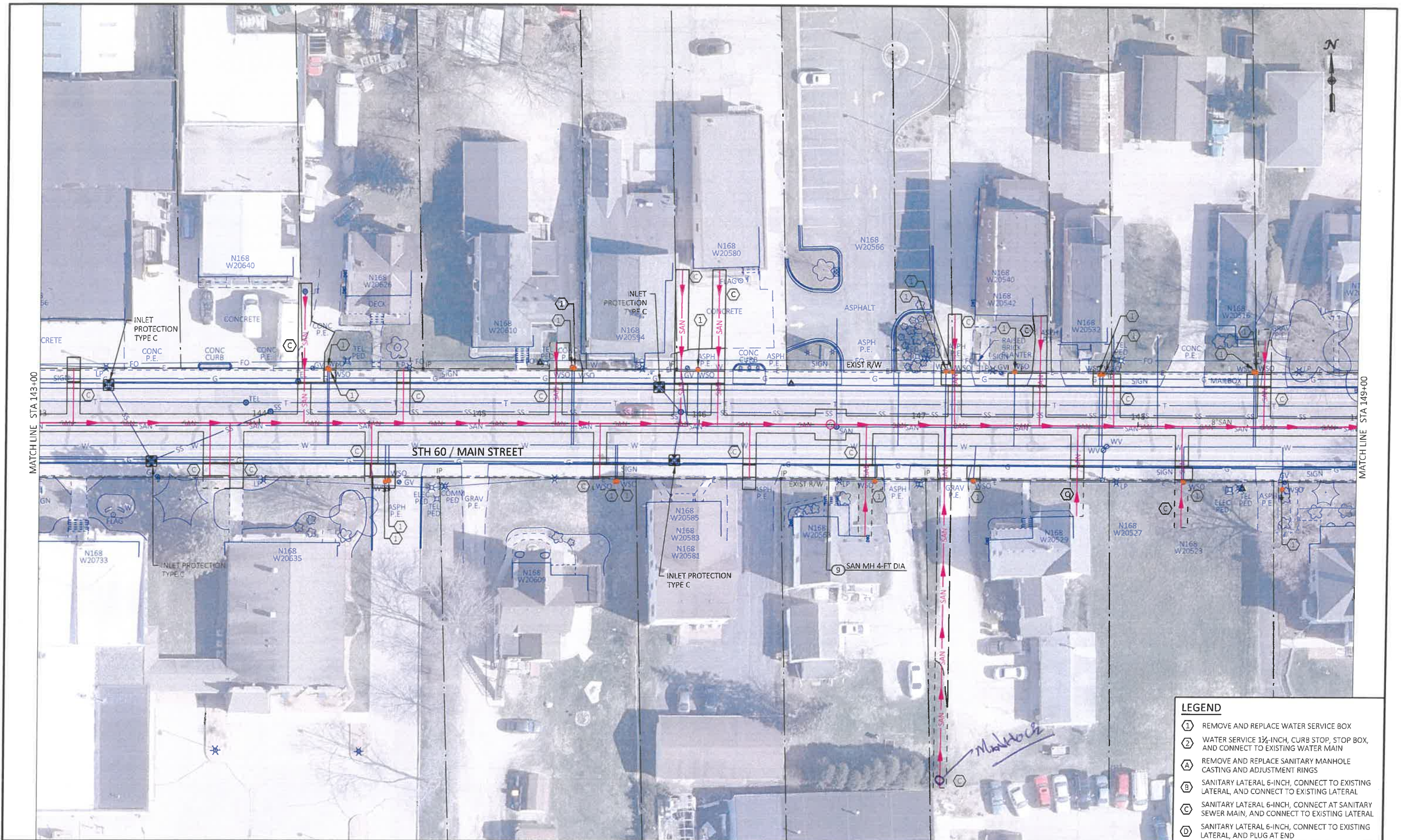
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Revisions:	Job No: VOJ 22-01	Designed: JAC	 93 South Pioneer Road, Suite 300 Fond du Lac, WI 54935 (920) 924-5720	Village of Jackson, WI STH 60 - Utility Upgrades CTH P - Ridgeway Drive	UTILITY PLAN STH 60	SHEET 21 90
	Drawn: AJS	Checked: TLL				
	Date: 10/04/2022					

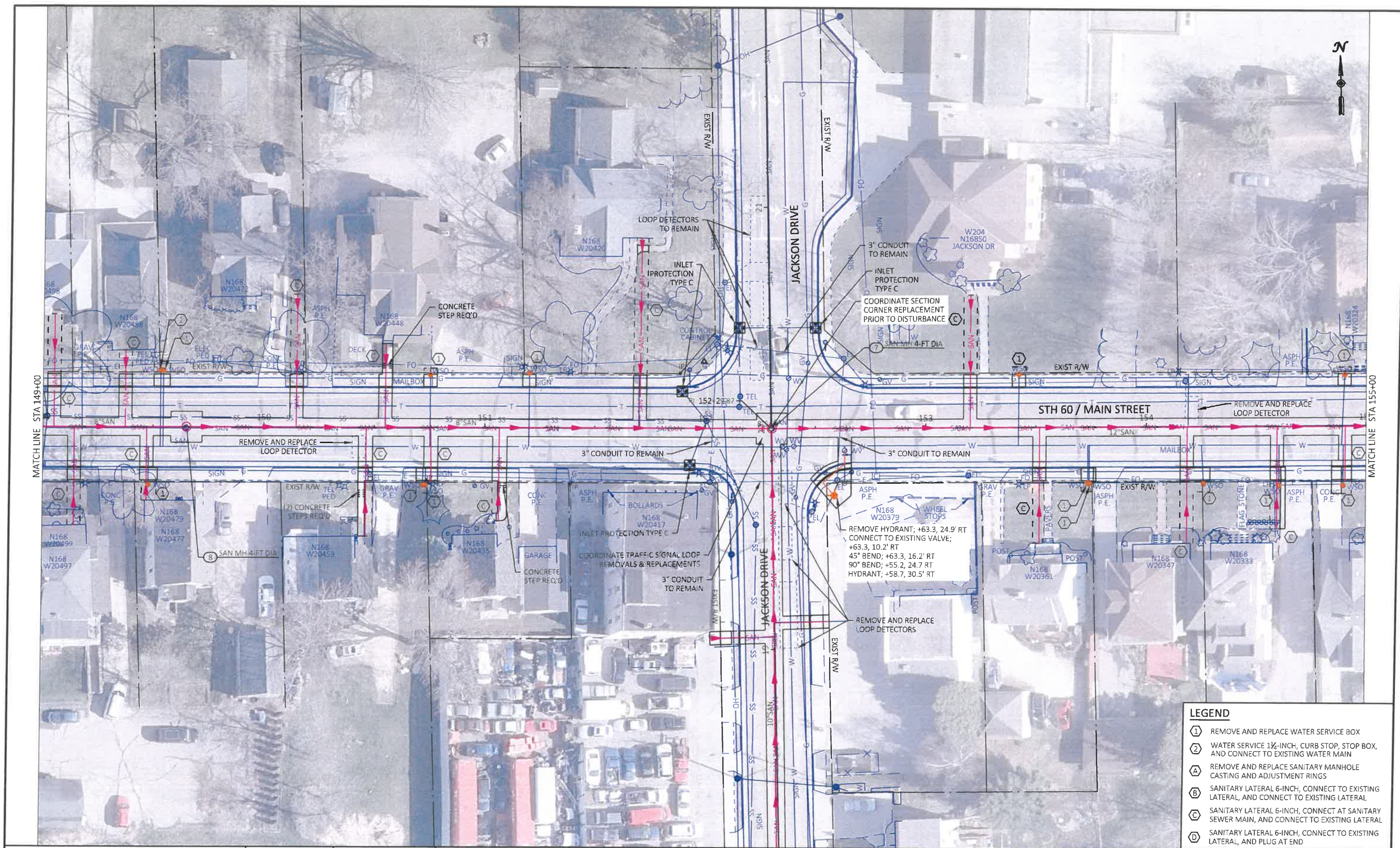


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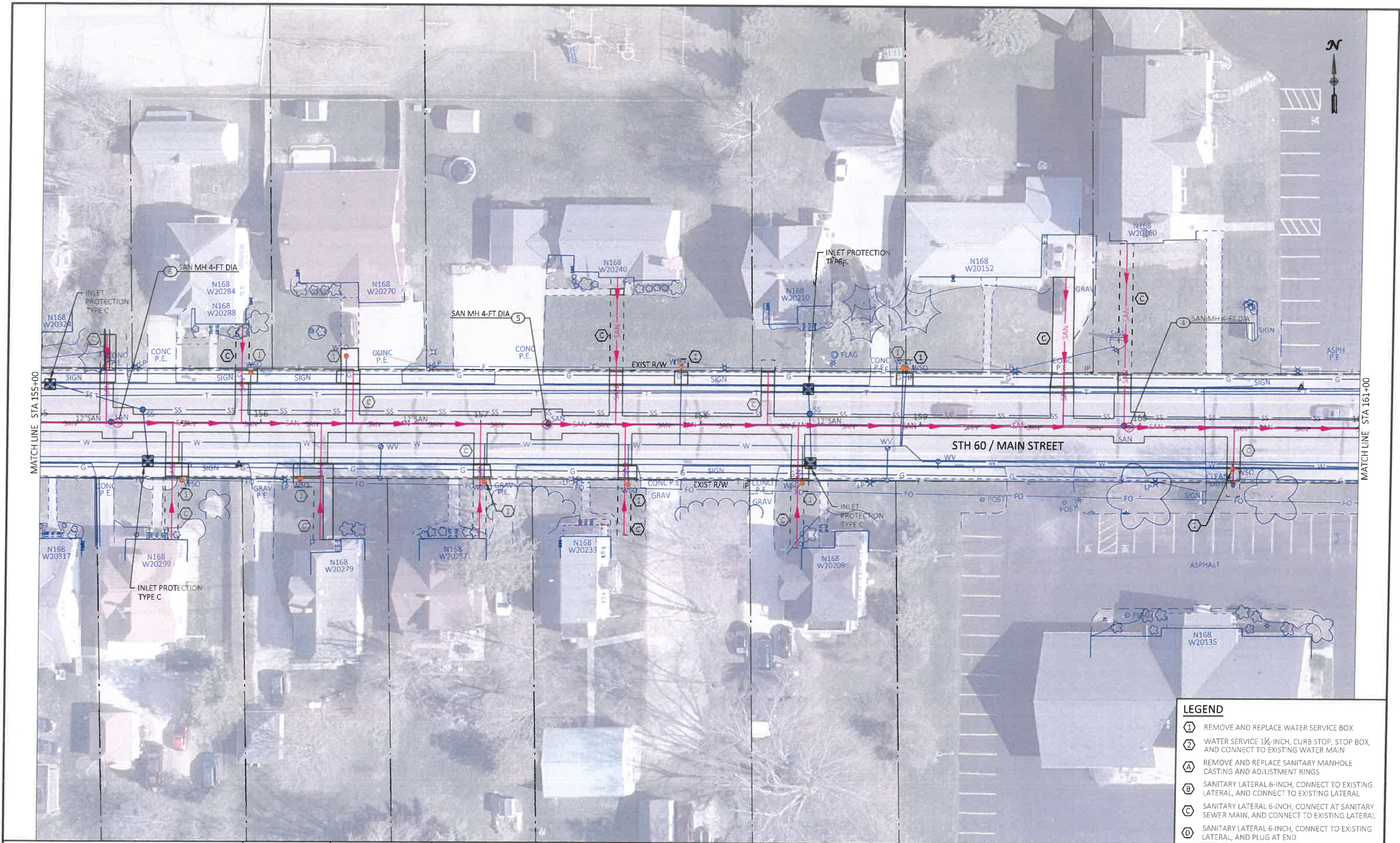


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Revisions:	Job No: VOJ 22-01	Designed: JAC	 GREINER & ASSOCIATES, INC. CONSULTING ENGINEERS Steven Poler - Fond du Lac	93 South Pioneer Road, Suite 300 Fond du Lac, WI 54935 (920) 924-5720	Village of Jackson, WI STH 60 - Utility Upgrades CTH P - Ridgeway Drive	UTILITY PLAN STH 60	SHEET 25 90
	Date: 10/04/2022	Drawn: AJS					
		Checked: TLL					

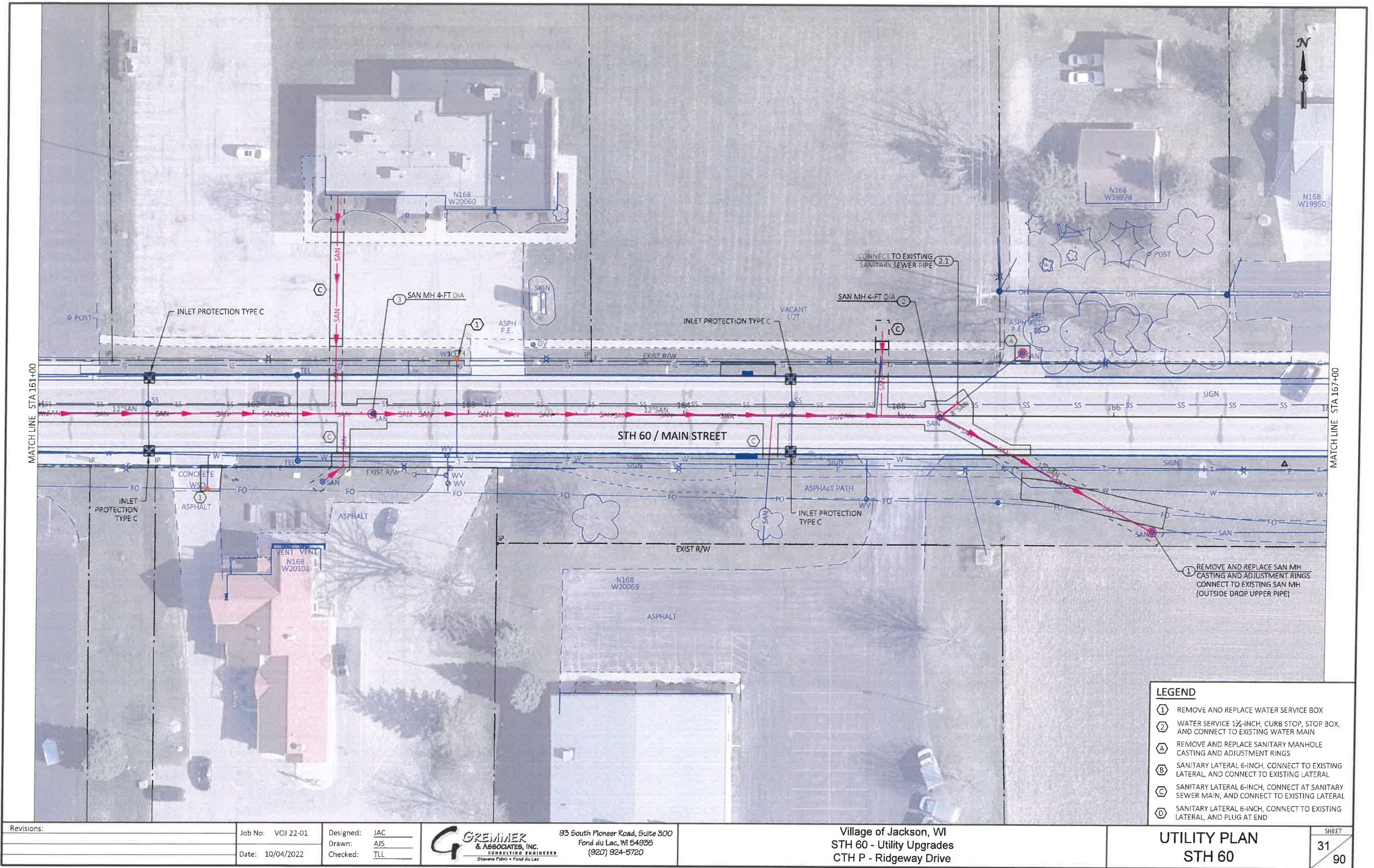


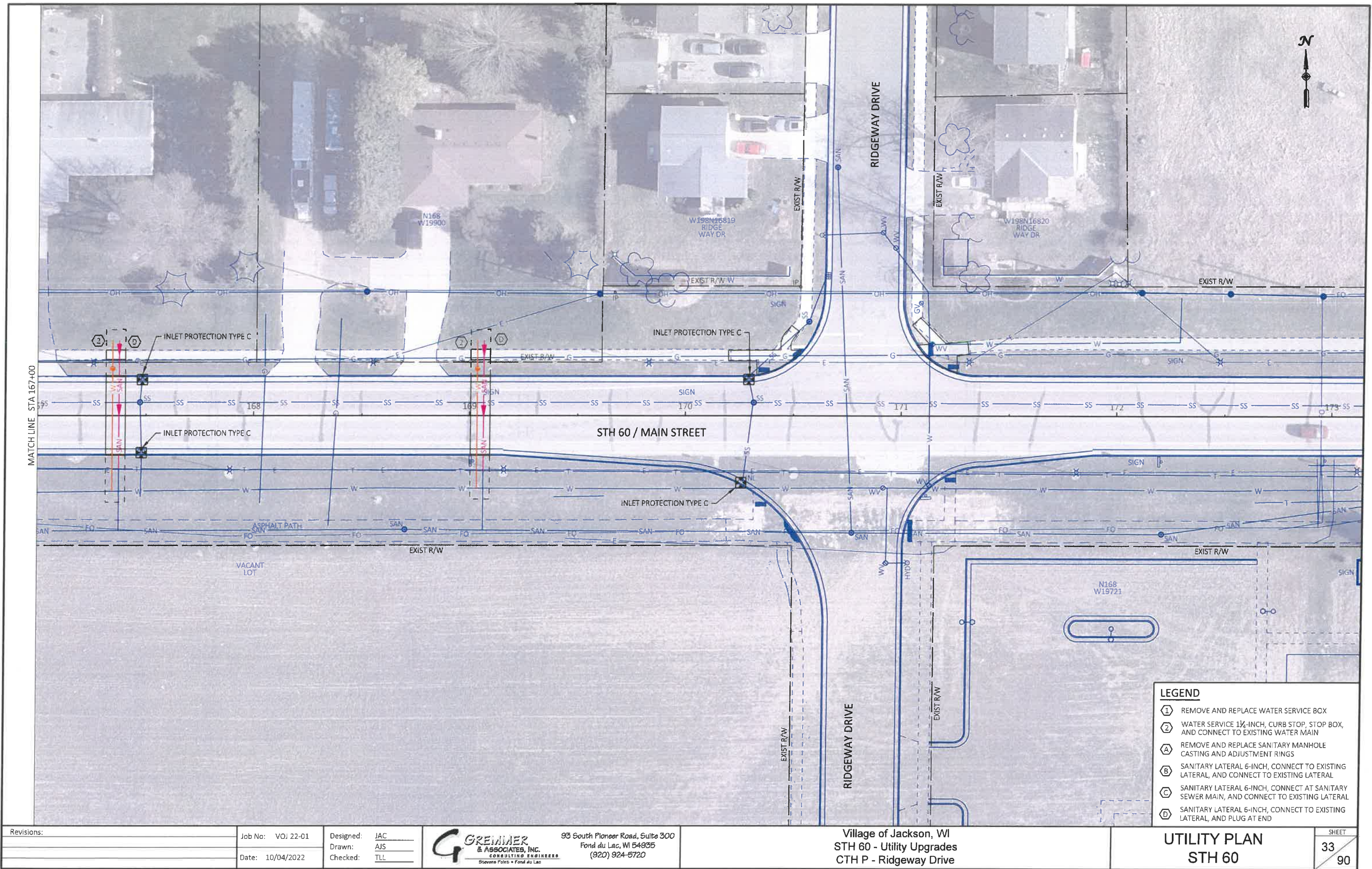
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- LEGEND**
- ① REMOVE AND REPLACE WATER SERVICE BOX
 - ② WATER SERVICE 1½-INCH, CURB STOP, STOP BOX, AND CONNECT TO EXISTING WATER MAIN
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 - Ⓒ SANITARY LATERAL 6-INCH, CONNECT AT SANITARY SEWER MAIN, AND CONNECT TO EXISTING LATERAL
 - Ⓓ SANITARY LATERAL 6-INCH, CONNECT TO EXISTING LATERAL, AND PLUG AT END

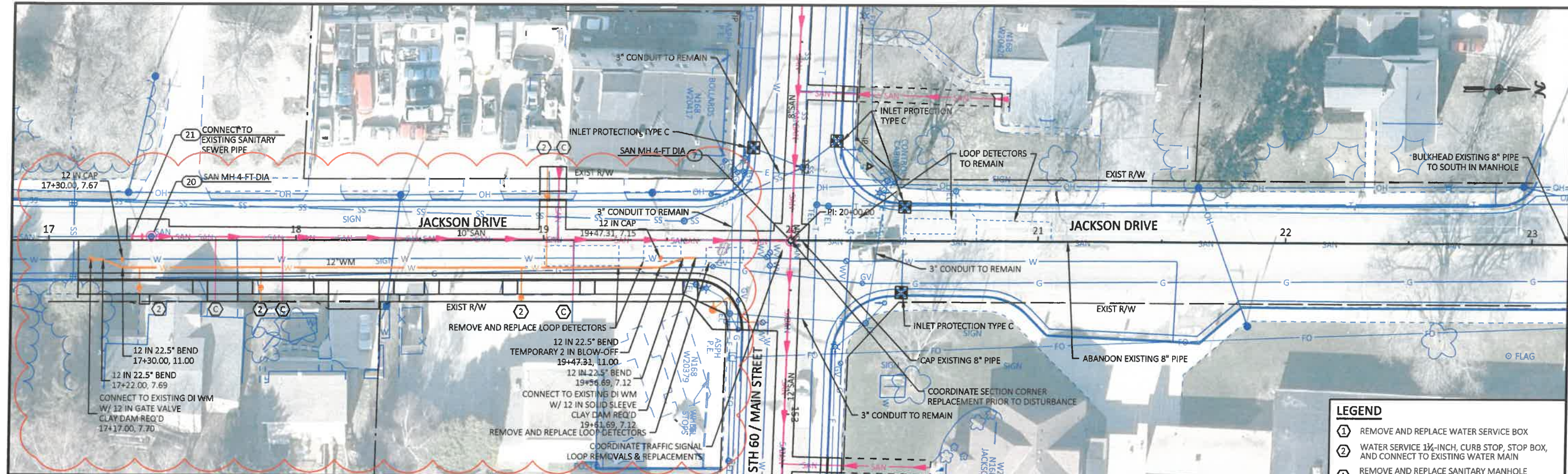
Revisions:	Job No: VOJ 22-01	Designed: JAC	 GREMMER & ASSOCIATES, INC. CONSULTING ENGINEERS Stevens Point • Fond du Lac	93 South Pioneer Road, Suite 300 Fond du Lac, WI 54935 (920) 924-5720	Village of Jackson, WI STH 60 - Utility Upgrades CTH P - Ridgeway Drive	UTILITY PLAN STH 60	SHEET
	Date: 10/04/2022	Drawn: AJS					29
		Checked: TLL					90



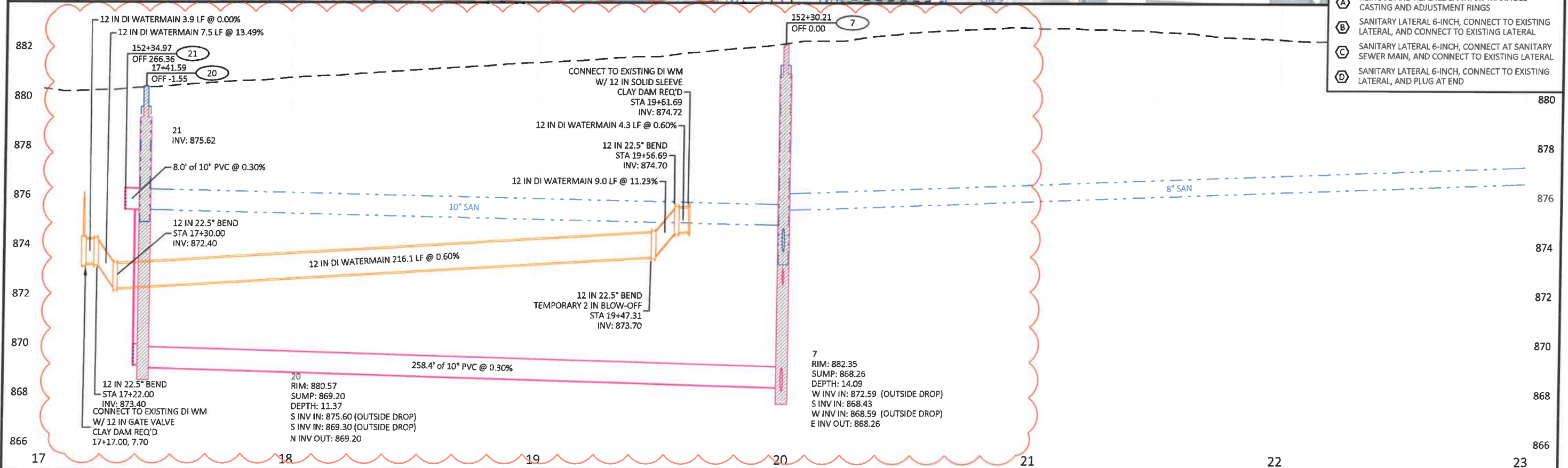


- LEGEND**
- ① REMOVE AND REPLACE WATER SERVICE BOX
 - ② WATER SERVICE 1½-INCH, CURB STOP, STOP BOX, AND CONNECT TO EXISTING WATER MAIN
 - Ⓐ REMOVE AND REPLACE SANITARY MANHOLE CASTING AND ADJUSTMENT RINGS
 - Ⓑ SANITARY LATERAL 6-INCH, CONNECT TO EXISTING LATERAL, AND CONNECT TO EXISTING LATERAL
 - Ⓒ SANITARY LATERAL 6-INCH, CONNECT AT SANITARY SEWER MAIN, AND CONNECT TO EXISTING LATERAL
 - Ⓓ SANITARY LATERAL 6-INCH, CONNECT TO EXISTING LATERAL, AND PLUG AT END

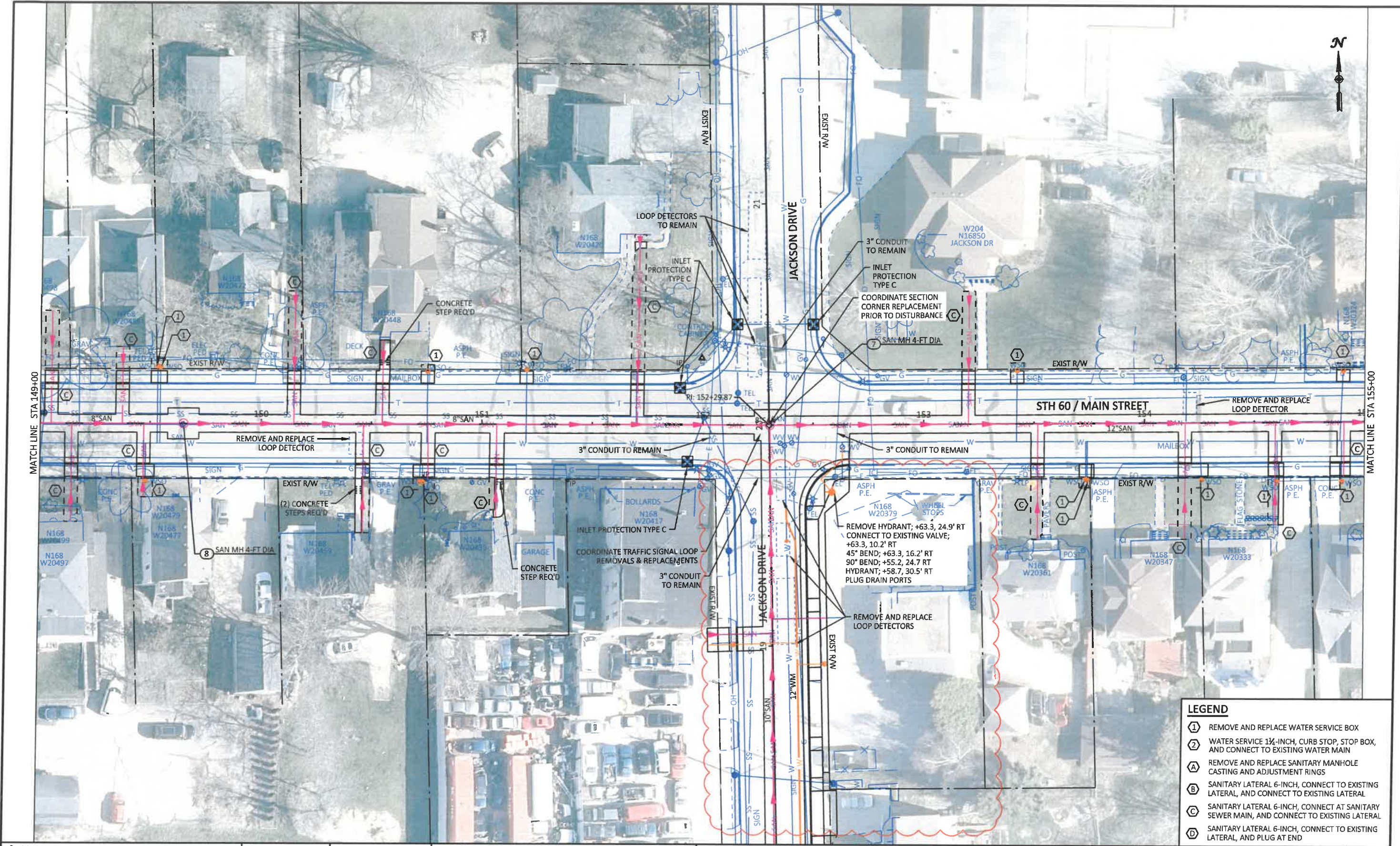
Revisions:	Job No: VOJ 22-01	Designed: JAC	 GREINER & ASSOCIATES, INC. CONSULTING ENGINEERS Serving Public & Private	93 South Pioneer Road, Suite 300 Fond du Lac, WI 54935 (920) 924-5720	Village of Jackson, WI STH 60 - Utility Upgrades CTH P - Ridgeway Drive	UTILITY PLAN STH 60	SHEET
		Drawn: AJS					33
	Date: 10/04/2022	Checked: TLL					90



- LEGEND**
- ① REMOVE AND REPLACE WATER SERVICE BOX
 - ② WATER SERVICE 1½-INCH, CURB STOP, STOP BOX, AND CONNECT TO EXISTING WATER MAIN
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 - B SANITARY LATERAL 6-INCH, CONNECT TO EXISTING LATERAL, AND CONNECT TO EXISTING LATERAL
 - C SANITARY LATERAL 6-INCH, CONNECT AT SANITARY SEWER MAIN, AND CONNECT TO EXISTING LATERAL
 - D SANITARY LATERAL 6-INCH, CONNECT TO EXISTING LATERAL, AND PLUG AT END



Revisions: ADDENDUM 2 - JACKSON DRIVE WATER MAIN	Job No: VOJ 22-01 Date: 10/04/2022	Designed: JAC Drawn: AJS Checked: TLL	G REMMER & ASSOCIATES, INC. CONSULTING ENGINEERS 93 South Pioneer Road, Suite 300 Fond du Lac, WI 54935 (920) 924-5720	Village of Jackson, WI STH 60 - Utility Upgrades CTH P - Ridgeway Drive	UTILITY PLANS JACKSON	SHEET 35 90
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LEGEND	
①	REMOVE AND REPLACE WATER SERVICE BOX
②	WATER SERVICE 1½-INCH, CURB STOP, STOP BOX, AND CONNECT TO EXISTING WATER MAIN
A	REMOVE AND REPLACE SANITARY MANHOLE CASTING AND ADJUSTMENT RINGS
B	SANITARY LATERAL 6-INCH, CONNECT TO EXISTING LATERAL, AND CONNECT TO EXISTING LATERAL
C	SANITARY LATERAL 6-INCH, CONNECT AT SANITARY SEWER MAIN, AND CONNECT TO EXISTING LATERAL
D	SANITARY LATERAL 6-INCH, CONNECT TO EXISTING LATERAL, AND PLUG AT END

M e m o

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To: Brian Kober

From: Jeff L. Deitsch JLD

Date: 01/25/2023

Re: Backup Generator System

As per your request I have researched the possibility of a backup generator for the Village of Jackson DPW building. The scope of the project was to provide the labor, material, tools supervision and design engineering to install a backup generator system at the DPW building.

I followed the guidelines of the Purchasing Authority Policy and Procedures Manual for the Village. I solicited competitive bids from Three Electrical Contractors that have satisfactory completed projects for the Village in the past. Each Company was given the same spec for bidding the project. The following are the results of the bids received:

1. Pieper Electric, INC. - \$86,795.00
2. Circle Electric, INC. - \$82,527.00
3. JRB Electric, INC. - \$62,400.00

I would suggest proceeding with JRB Electric, INC for the project. JRB Electric INC. is a long-time business entity in the Village of Jackson.



PIEPER ELECTRIC, INC. | Solutions Powered by People Since 1947

January 3rd 2023

Village of Jackson DPW Building
W194N16660 Eagle Dr, Jackson, WI
RE: Backup Generator System
Attn: Jeff Deitsch

Dear Mr. Deitsch

Pieper Electric will provide the labor, material, tools, supervision and design engineering to install a generator system for Village of Jackson DPW, Building Inspection and Water Utility Offices W194N16660 Eagle Dr, Jackson, WI.

Scope of Project:

I. Furnish and Install the following:

- (1) 60 Kw Natural Gas Generator set rated at 120/208V 60Hz
- (1) Install 400 amp Automatic Service Entrance Rated Transfer Switch (ATS) 3 pole 4 wire rated at 120/208V 60Hz in a Nema 3 enclosure
- (1) Block heater and Battery charger (winter weather package)
- (1) Generator Control circuits

II. Electrical install:

- Furnish and install control and communication wiring required for generator, ATS
- Rework existing electrical feeders to accommodate install of new transfer switch into the electrical system.

III. Grounding of System:

- Install grounding for generator, ATS's, Transformers and feeders per NFPA 70 NEC art. 250

IV. Masonry Flat work

- Prepare site for generator pad
- Install concrete pad for generator unit
- Include excavation for generator unit
- Reparations to landscape around pad after project completion



January 3rd 2023

Village of Jackson DPW Building
RE: Backup Generator System
Attn: Jeff Deitsch
Pg. 2

V. Natural Gas

- Install gas piping appropriate to feed generator unit
- Paint all pipe to protect from rust
- Pressure test all piping installed for unit

VI. Delivery and Rigging

- Storage of unit until site is ready for delivery
- Delivery of unit to site
- Placement of unit onto new concrete pad

VII. Clarifications of proposal:

- **Included in price:**

- a. Material
- b. Labor
- c. One-year warranty on the generator and the transfer switch
- d. Testing and commissioning by factory representative including reports
- e. 2-hour training of onsite personal

- **Not Included in price:**

- a. Winter frost protection or temporary heating of exterior concrete if required
- b. Additional work not covered by this scope listed above
- c. Pre-existing code violations in facility.
- d. Additional charges from the utility for shutdown of main power to the building

This scope of work has been calculated based on current material and equipment prices. Because of supply chain issues and increasing volatile costs, Pieper Electric cannot anticipate the impact of the current increases in pricing. ANY INCREASE OVER 5% estimated materials or equipment, during this project, WILL INCUR ADDITIONAL COSTS. These costs to be discussed and approved prior to ordering.

Sales tax is not included in this quoted amount



January 3rd 2023

Village of Jackson DPW Building
RE: Backup Generator System
Attn: Jeff Deitsch
Pg. 3

Price for the above mentioned project:.....\$ 86,795.00

Pieper Electric, Inc. shall not be held liable for errors or omissions in designs by others, nor inadequacies of materials and equipment specified or supplied by others.

Thank you for the opportunity of estimating this work, and should there be any questions, please do not hesitate to contact me at chris.ovans@pieperpower.com or cell phone, 414-460-0457

Please e-mail a signed proposal to chris.ovans@pieperpower.com if you would like us to proceed.

Sincerely,

NOTE: This proposal valid for 30 days,
Negotiable thereafter.

PIEPER ELECTRIC, INC.

Date Accepted: _____

Chris Ovans

Chris Ovans
Department Manager

By: _____



Rev 04 20

TERMS AND CONDITIONS OF SALE

1. LIEN NOTICE. As required by the Wisconsin Construction Lien Law, Seller (Pieper Electric, Inc. and all DBAs) hereby notifies Owner that persons or companies furnishing labor or materials for the construction on Owner's land may have lien rights on the Owner's land and buildings if not paid. Those entitled to lien rights, in addition to Seller, are those who contract directly with the Owner or those who give the Owner notice within sixty (60) days after they first furnish labor or materials for the construction. Accordingly, Owner will probably receive notices from those who furnish labor or materials for the construction, and should give a copy of each notice received to his mortgage lender, if any. Seller agrees to cooperate with the Owner and his lender, if any, to see that all potential lien claimants are duly paid.

2. ENTIRE AGREEMENT. This Agreement constitutes the entire contract for material, work, and other goods and services (collectively "Goods") between the Seller and the buyer ordering such Goods ("Buyer"). It is expressly agreed that no statement, arrangement, warranty, or understanding, oral or written, expressed or implied, will be recognized unless it is stated in, or otherwise permitted by, this Agreement. This Agreement is solely for the benefit of Buyer and Seller, and is not intended for the benefit of any other party.

3. PROPOSAL. Seller is responsible for, and shall have sole control of, the construction methods, sequences and coordination of all work described in the Proposal, unless expressly stated to the contrary. Any items not listed are not included in the Agreement price and shall be the obligation of the Buyer.

4. CONSTRUCTION MATERIALS. All materials and work shall be furnished in accordance with normal industry tolerances for color, variation, thickness, size, weight, amount, finish, texture and performance standards. Excess materials delivered to job site and/or materials not physically attached to the structure after substantial completion of the work contemplated by this Agreement shall remain the property of Seller.

5. ACCESS TO WORK AND SITE. Buyer shall provide electric power, water, telephone and toilet facilities for use by Seller and its subcontractors/employees. Storage of materials and storage of Seller's equipment shall also be provided by Buyer. All utility connections and service charges, if any, shall be paid by the Buyer. Furthermore, Buyer agrees to maintain access for Seller at the Project Site to keep Project Site free from obstructions and conflicting work, and to obtain permission for Seller to gain access through adjacent property, if required by Seller to do so. Buyer shall be solely responsible for all risk, shall hold Seller harmless and free of liability, and shall compensate for any damages or costs arising out of such access or the failure to maintain access, except to the extent due to the intentional acts of Seller, its agents and/or employees.

6. INSURANCE. Seller shall maintain workers' compensation, automobile liability, commercial general liability and such other insurance as required by law. Seller will furnish a Certificate of Insurance evidencing the types and amounts of its coverage, upon request. Buyer shall maintain insurance covering all physical loss expressly including, but not limited to, coverage for collapse, fire, wind damage, theft, vandalism and malicious mischief, naming Seller as additional insured. Buyer assumes risk of loss during construction, except for the intentional acts of Seller, its subcontractors or employees.

7. ENVIRONMENTAL HAZARDS. Seller is not responsible for any environmental hazards. The Buyer shall be solely responsible for all risk, shall indemnify and hold Seller harmless and free of liability, and shall bear the costs of any removal or correction of environmental materials.

8. SITE CONDITIONS. Seller shall not be responsible for additional costs due to the existence of latent conditions that are not disclosed in writing to Seller. The raising, disconnection, re-connection or relocation of any mechanical equipment that may be necessary for Seller to perform the work shall be performed by others or treated as an extra.

9. PAYMENT. Buyer shall timely make all payments required by this Agreement. Time is of the essence as to all terms of payment. Buyer agrees that, in addition to other remedies available to Seller, if payment is not timely made, Seller shall be entitled to a service charge of 1.0% per month on all past due amounts, plus, if not contrary to any law, all costs of collection including actual attorneys' fees. Seller shall furnish lien waivers to Buyer at the time each Progress Payment and the Final Payment is made to Seller for the proportionate value of all Goods ordered or delivered as of the time the payment is made. Final Payment shall constitute acceptance and approval of all work, and a waiver of all claims by Buyer, except those arising from liens or the warranty included in this Agreement. No retention shall apply to any of the work.

10. JOB SIGN. Buyer agrees to allow Seller to display a construction sign at the Project Site.

11. CHANGES. No changes, additions, alterations, deviations or extras to the Plans and Specifications shall be made without a written Change Order signed by the Buyer and Seller in advance, which will be performed based on Seller's standard time and material rates. Notwithstanding, Buyer's signature shall not be required for changes necessary to conform to codes, laws or regulations required by any utility or governmental authority, or to address existing conditions of the Project Site unknown to Seller at the time Seller signs this Agreement. All Change Orders shall be incorporated as part of this Agreement. Upon Seller's request, Buyer agrees to pay for all changes in advance of each change being commenced. Buyer understands and agrees that changes will extend the time of performance by at least 5 work days for each change unless otherwise agreed in writing.

12. WORK STOPPAGE. Should work be stopped for any reason, including but not limited to, public authority, Force Majeure event defined in paragraph 13, or the Buyer for more than thirty calendar days, Seller may terminate this Agreement and collect for the value of all work completed and materials ordered as of the date work is stopped, plus Seller's anticipated profit under this Agreement. Buyer's failure to sign Change Orders or Buyer's refusal to make progress payments, or any other cause beyond Seller's sole control, shall also be cause for work stoppage by Seller.

13. DELAY. Work shall be completed within the number of working days stated in this Agreement, unless delay occurs due to work stoppage, adverse weather conditions, labor disputes, changes by Buyer, work performed by Buyer (or Buyer's separate contractors) or

governmental authorities, unavailability of materials or supplies, unavoidable casualties, accidents, environmental hazards, a Force Majeure event (includes but not limited to war, riots, earthquakes, hurricanes, floods, lightning, explosions, energy blackouts/brownouts, lockouts, slowdowns, strikes, terrorism, unforeseen governmental legislation, action or declaration, or health emergency (including local, regional, or nation epidemic or pandemic)). Buyer's failure to make payments as required by this Agreement, or any other cause beyond Seller's sole control. Any such delay shall extend the time of performance or, at Seller's Option, terminate this Agreement if the cause of the delay cannot be resolved within thirty calendar days. Where Seller elects to extend performance, Seller shall also be entitled to additional payment to reflect any increased cost of labor and/or materials. Seller will give notice to Buyer of delay and any adjustments to time of performance or cost of the work necessitated by the delay.

14. DISPUTES. These Terms shall be deemed to have been made in and governed by the laws of the State of Wisconsin. Any legal suit or action with regard to these Terms or the Project hereunder may, at Seller's option, be venue in Milwaukee County Circuit Court, Wisconsin. Seller may also, at Seller's sole discretion, elect arbitration and/or mediation in place of civil litigation, without regard to whether litigation has been commenced by Buyer. If an Arbitrator cannot be agreed upon, Seller can petition Circuit Court for same.

15. WARRANTY. Seller warrants and guarantees to Buyer that all material and equipment, and the work to be performed hereunder, will be of good quality and free from faults and defects. This warranty shall cover material (except lamps and other expendables) for the manufacturer's stated warranty period and workmanship for one year from the date of substantial completion. This warranty does not apply to bid work if the bid documents stipulate a lesser warranty. This warranty is in lieu of all other warranties, express or implied, of merchantability, fitness for a particular purpose, performance, or otherwise. Seller's liability under the warranty is strictly and exclusively limited to the repair or replacement at the job site of such work (including material and equipment) as is found to be defective within such warranty period, and with respect to which the Buyer has given Seller prompt written notice within such period. No allowance will be made for repairs or alterations unless made with Seller's prior written consent or approval. In no event shall Seller be liable for claims for any other damages based upon breach of express or implied warranty or negligence whether direct, immediate, foreseeable, consequential or special. This paragraph states Seller's entire liability with respect to warranties, guarantees, or representations, express or implied. Seller will be held harmless against claims, damages, losses and expenses, including attorneys' fees arising from work not done by Seller's own workforce.

16. CONFLICTS/INCONSISTENCIES. If any inconsistency or ambiguity is believed to exist among any of the documents comprising the contract, the inconsistency or ambiguity shall be resolved by applying the following order of precedence: (a) this Agreement including these Terms and Conditions; (b) the plans and specifications, if any; (c) other documents comprising the contract, if any.

17. ASBESTOS AND TOXIC MATERIALS. This proposal and contract is based upon the work to be performed by Seller not involving asbestos-containing or toxic materials and that such materials will not be encountered or disturbed during the course of performing the work. Seller is not responsible for expenses, claims or damages arising out of the presence, disturbance, or removal of asbestos-containing or toxic material. In the event that such materials are encountered, Seller shall be entitled to reasonable compensation for all additional expenses incurred as a result of the presence of asbestos-containing or toxic materials at the work site.

18. PROTECTION OF PERSONAL PROPERTY AND PROJECT SITE. Buyer agrees to remove or protect any personal property inside and outside the Project Site. Seller shall make reasonable efforts to avoid damage to existing property. Seller will make every effort to keep dust down to a bare minimum. Seller is not responsible for housecleaning or damages during normal construction activities.

19. IMPAIRMENT OF CREDIT. If Buyer is or becomes insolvent, or is unable to pay his debts as they mature, or files or has filed against him a bankruptcy, insolvency, or similar petition or fails to pay any debt arising hereunder to Seller on time, or if Seller in good faith doubts the ability of Buyer to pay, Seller may, at its option, either: (a) terminate the work at any time thereafter, and Buyer shall thereupon pay for all work performed on a pro-rata basis plus all lost profit or (b) discontinue work until such time as the Buyer has paid Seller in full for work performed, has agreed to pay Seller for any additional costs incurred because of such discontinuance, and upon such other terms or conditions as may be imposed by Seller to ensure the payment for the work.

20. HOLD HARMLESS. Seller will hold harmless and defend Buyer against any claims brought by a third party for damages or losses arising out of Seller's performance of work under this contract, provided that the third party claim is attributable to bodily injury or death, or injury to or from destruction of tangible property, but only to the extent caused by the negligence of Seller or Seller's Subcontractors and not caused in whole or in part by the Buyer or its agents, employees or representatives. Seller shall not be liable for any consequential damages claimed by any party including, but not limited to, lost profits, loss of use, or attorney's fees. As conditions precedent to Seller's duties under this provision, Buyer must (a) provide Seller with written notice of any claim against Buyer immediately after Buyer is aware of the claim; and (b) remain current with all of Buyer's obligations under this contract. This provision is null and void if the Buyer fails to perform any of its obligations under this contract. Seller shall have the sole right to manage the defense of the claim or resolve the claim. Buyer agrees to fully cooperate with Seller in the investigation and defense of any claim brought by another party.

21. WORKING HOURS. Unless specifically noted, all work included in this contract is to be performed during normal business hours, Monday through Friday. Work performed at any other time, or on legal holidays, will result in an extra charge to Buyer.

GENERAL EXCLUSIONS. Seller shall not be responsible for coordinating or supervising work performed by Buyer's own forces or contractors. Seller shall be entitled to an equitable adjustment for hidden or latent conditions. Cost of pumping water from basements and other excavations is not included in quotation. Any alteration or deviation from the specifications as outlined on reverse involving extra cost of material or labor will only be executed upon written orders for same and will become an extra charge over the sum mentioned in this contract. Seller is not responsible for damage to underground services. Any changes in local or state codes effective after date of proposal will be charged as an extra or credited as the case may be. Patching of walls and floors is to be done by others unless specifically stated in this contract as Seller's responsibility.

Friday 7 o'clock



4606 N. 132ND STREET
BUTLER, WI 53007
(262) 783-7700
WISCONSIN 800-244-6671
FAX (262) 790-8935

CONTRACTORS - ENGINEERS

To: January 18, 2023

Attn: Brian Kober
Village of Jackson DPW
W194 N16660 Eagle Drive
Jackson WI 53037

Subject: Jackson DPW Back-up Generator

Base Price.....\$82,527.00

- 1) Furnish and install 60Kw natural gas generator.
 - a. Outdoor enclosure on genset.
 - b. 120/208 Volt - 3 Phase – 4 wire – 60Hz Output
 - c. 250 Amp breaker in unit.
 - d. Block heater and battery charger at unit.
 - e. Delivery to the site.
 - f. Rigging and setting of genset on pad included.
- 2) Furnish and install 400 Amp Automatic transfer switch
 - a. Service rated
 - b. NEMA 1 enclosure to be installed inside of the electrical room.
 - c. Remote annunciator display to be mounted in office area.
 - i. Would have visual indication of current conditions and troubles.
 - ii. Would have contacts available for alarm.
 1. Not included.
- 3) Furnish and install labor and material to make a complete installation to back-up entire existing 120/208 Volt service.
- 4) Furnish 8" concrete pad for generator.
- 5) Furnish required trenching and backfill with existing spoils
 - a. Area to be left clean and reseeded after commissioning.
- 6) Furnish and install required gas piping to generator, including regulator and flex connection.
 - a. To be black pipe run on building with strut spacers.
 - b. No painting included. To be done prior to building repainting.
- 7) Factory Start-up and Training of personnel included.
- 8) Please see attached cut sheets regarding generator and ATS.

Alternate #1 – NEMA3R Automatic Transfer Switch - Deduction.....\$2,345.00

- 1) Furnish and install a 3R outdoor rated and service rated transfer switch in lieu of NEMA1 mounted inside building.
- 2) Mounting would be to the north of existing 120/208V transocket on outside of building.

Exclusions:

- 1) Pre-existing code violations or repairs.
- 2) Utility costs for outages – If any.
- 3) Additional cost for an off hours outage to connect system.
 - a. Approximately 4-6 hour building outage.

If you wish to proceed with work described in this proposal, please send me a purchase order or contract, or simply sign in the signature box at the end of this document and return it to me.

Please call or email any questions

Sincerely,

Ian Mulvanny
262-649-1917 office
262-790-8935 fax
414-810-9245 cell
imulvanny@circleelectric.com

Terms & Conditions:

- 1) Receipt of a purchase order, work order, email approval, or the likeness is considered an agreement to all terms and conditions of this quote.
- 2) All work to be performed during regular working hours.
- 3) You are hereby notified that persons or companies furnishing labor or materials for the construction on property located at the subject address listed above may have lien rights on land and buildings if they are not paid. Those entitled to lien rights, in addition to this contractor, are those who contract directly with you or those who give you identification notice within sixty (60) days after they first furnish labor or materials for the construction. You probably will receive notices from those who furnish labor and materials for the construction. You should give a copy of each notice you receive to your mortgage lender, if any. This contractor agrees to cooperate with you and your lender, if any, to see that all potential lien claimants are duly paid.
- 4) Payment terms are progress billings. This proposal is subject to the approval of our credit department. Interest will be charged at a rate of 1.5% per month on accounts past 30 days.
- 5) Pricing is subject to change.
- 6) The correctness and completeness of the contract documents is the sole responsibility of those who have prepared them. This proposal covers only that work that is adequately shown, described, and/or detailed in the above referenced contract documents.
- 7) Impending Tariff Information - We include current pricing for all materials included in this proposal. Our suppliers indicate light fixtures and other material included in this proposal may be subject to additional costs if and when tariffs are enacted.
- 8) If the project is delayed for any reason, costs for ordered materials, materials on site, or materials in third-party storage will be invoiced as if they had already been installed. Cancellation and/or restocking fees may apply to material that has been ordered.
- 9) Ordered materials are subject to vendor fees if cancelled prior to delivery.
- 10) Circle Electric will deliver materials to jobsite or stage material at vendor's warehouse for up to 30 days. Staged material will be invoiced 30 days after receipt of materials in vendor's warehouse. Material staged over 30 days will be subject to storage fees.
- 11) This proposal excludes the following:
 - a) Any items not shown on the drawings or listed above.
 - b) Dumpsters.
 - c) Minority and other DBE participation.
 - d) Davis-Bacon and/or other prevailing wages and reporting.
 - e) Other than that PPE needed for Circle Electric employees, costs for any and all infectious control means, methods, clothing, and equipment.
 - f) Performance and payment bonds.
 - g) All taxes.
 - h) Circle Electric is not responsible for project scheduling changes or delays caused by circumstances beyond our control.

23-14-009

ACCEPTED BY:**DATE:***Electrical Reliability for Business Continuity*

SG060 | 4.5L | 60 kW

INDUSTRIAL SPARK-IGNITED GENERATOR SET

EPA Certified Stationary

**GENERAC[®] | INDUSTRIAL
POWER**

DEMAND RESPONSE READY

Standby Power Rating

60 kW, 75 kVA, 60 Hz

Demand Response Rating

60 kW, 75 kVA, 60 Hz

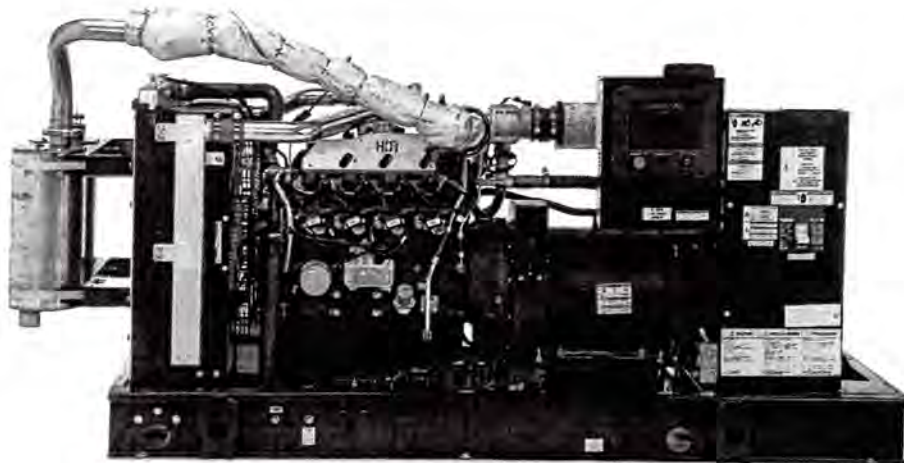


Image used for illustration purposes only



Codes and Standards

Not all codes and standards apply to all configurations. Contact factory for details.



UL2200, UL6200, UL1236, UL489



CSA C22.2



BS5514 and DIN 6271



SAE J1349



NFPA 37, 70, 99, 110



NEC700, 701, 702, 708



ISO 3046, 7637, 8528, 9001



NEMA ICS10, MG1, 250, ICS6, AB1



ANSI C62.41



IBC 2009, CBC 2010, IBC 2012,
ASCE 7-05, ASCE 7-10,
ICC-ES AC-156 (2012)

Powering Ahead

Generac ensures superior quality by designing and manufacturing most of its generator components, such as alternators, enclosures, control systems and communications software. Generac also makes its own spark-ignited engines, and you'll find them on every Generac gaseous-fueled generator. We engineer and manufacture them from the block up — all at our facilities throughout Wisconsin. Applying natural gas and LP-fueled engines to generators requires advanced engineering expertise to ensure reliability, durability and necessary performance. By designing specifically for these dry, hotter-burning fuels, the engines last longer and require less maintenance. Building our own engines also means we control every step of the supply chain and delivery process, so you benefit from single-source responsibility.

Plus, Generac Industrial Power's distribution network provides all parts and service so you don't have to deal with third-party suppliers. It all leads to a positive owner experience and higher confidence level. Generac spark-ignited engines give you more options in commercial and industrial generator applications as well as extended run time from utility-supplied natural gas.

SG060 | 4.5L | 60 kW

INDUSTRIAL SPARK-IGNITED GENERATOR SET

EPA Certified Stationary

GENERAC | **INDUSTRIAL POWER**

STANDARD FEATURES

DEMAND RESPONSE READY

ENGINE SYSTEM

- Oil Drain Extension
- Air Cleaner
- Level 1 Fan and Belt Guards (Open Set Only)
- Stainless Steel Flexible Exhaust Connection
- Factory Filled Oil and Coolant
- Critical Silencer
- Oil Temperature Sender with Alarm
- Air Filter Restriction Indicator

FUEL SYSTEM

- NPT Fuel Connection on Frame
- Primary and Secondary Fuel Shutoff

COOLING SYSTEM

- Closed Coolant Recovery System
- UV/Ozone Resistant Hoses
- Factory-Installed Radiator
- 50/50 Ethylene Glycol Antifreeze
- Radiator Drain Extension

ELECTRICAL SYSTEM

- Battery Charging Alternator
- Battery Cables
- Battery Tray
- Rubber-Booted Engine Electrical Connections
- Solenoid Activated Starter Motor

ALTERNATOR SYSTEM

- UL2200 GENprotect™
- Class H Insulation Material
- 2/3 Pitch
- Skewed Stator
- Brushless Excitation
- Sealed Bearing
- Full Load Capacity Alternator

GENERATOR SET

- Internal Genset Vibration Isolation
- Separation of Circuits - High/Low Voltage
- Separation of Circuits - Multiple Breakers
- Wrapped Exhaust Piping
- Standard Factory Testing
- 2 Year Limited Warranty (Standby and Demand Response Rated Units)

ENCLOSURE (If Selected)

- Rust-Proof Fasteners with Nylon Washers to Protect Finish
- High Performance Sound-Absorbing Material (Sound Attenuated Enclosures)
- Gasketed Doors
- Upward Facing Discharge Hoods (Radiator and Exhaust)
- Stainless Steel Lift Off Door Hinges
- Stainless Steel Lockable Handles
- RhinoCoat™ - Textured Polyester Powder Coat Paint

CONTROL SYSTEM



Power Zone® Pro Controller

- NFPA 110 Level 1 Compliant
- Engine Protective Functions
- Alternator Protective Functions
- Digital Engine Governor Control
- Digital Voltage Regulator
- Multiple Programmable Inputs and Outputs
- Remote Display Capability
- Remote Communication via Modbus® RTU, Modbus TCP/IP, and Ethernet 10/100
- Alarm and Event Logging with Real Time Stamping

- Expandable Analog and Digital Inputs and Outputs
- Remote Wireless Software Update Capable
- Wi-Fi®, Bluetooth®, BMS, and Remote Telemetry
- Built-In Programmable Logic Eliminates the Need for External Controllers Under Most Conditions
- Programmable I/O Channel Properties
- Built-In Diagnostics

Alarms and Warnings

- High/Low Oil Pressure
- High/Low Coolant Level
- High/Low Coolant Temperature
- Sender/Sensor Failure
- High/Low Oil Temperature
- Over Total kW
- Over/Under Speed
- Over/Under Voltage
- Over/Under Frequency
- Over Current
- High/Low Battery Voltage
- Battery Charger Current
- Phase to Phase and Phase to Neutral Short Circuits (I²T Algorithm)

4.3 Inch Color Touch Screen Display

- Resistive Color Touch Screen
- Easily Identifiable Icons
- Multi-Lingual
- On Screen Editable Parameters
- Key Function Monitoring
- Three Phase Voltage, Amperage, kW, kVA, and kVAr
- Selectable Line to Line or Line to Neutral Measurements
- Frequency
- Engine Speed
- Engine Coolant Temperature
- Engine Oil Pressure
- Engine Oil Temperature
- Battery Voltage
- Hourmeter
- Warning and Alarm Indication
- Diagnostics
- Maintenance Events/Information

SG060 | 4.5L | 60 kW
INDUSTRIAL SPARK-IGNITED GENERATOR SET
EPA Certified Stationary

GENERAC® | **INDUSTRIAL
POWER**

CONFIGURABLE OPTIONS

DEMAND RESPONSE READY

ENGINE SYSTEM

- Heater with Shutoff Valves
- Engine Coolant Heater
- Oil Heater
- Level 1 Fan and Belt Guards (Enclosed Units Only)
- Radiator Duct Adapter (Open Set Only)
- Heavy Duty Air Cleaner
- Two-Stage Heavy Duty Air Cleaner

FUEL SYSTEM

- NPT Flexible Fuel Line

ELECTRICAL SYSTEM

- 10A UL Listed Battery Charger
- Battery Warmer

ALTERNATOR SYSTEM

- Alternator Upsizing
- Anti-Condensation Heater
- Tropical Coating

CIRCUIT BREAKER OPTIONS

- Main Line Circuit Breaker
- 2nd Main Line Circuit Breaker
- 3rd Main Line Circuit Breaker
- Shunt Trip and Auxiliary Contact
- Electronic Trip Breakers

GENERATOR SET

- Extended Factory Testing (3-Phase Only)
- 8 Position Load Center

ENCLOSURE

- Level 0 Sound Attenuated
- Level 1 Sound Attenuated
- Level 2 Sound Attenuated
- Level 2 Sound Attenuated with Motorized Dampers
- Steel Enclosure
- Aluminum Enclosure
- Up to 200 MPH Wind Load Rating (Contact Factory for Availability)
- AC/DC Enclosure Lighting Kit
- Enclosure Heaters (with Motorized Dampers Only)
- Door Open Alarm Horn

CONTROL SYSTEM

- NFPA 110 Compliant 21-Light Remote Annunciator
- Remote Relay Assembly (8 or 16)
- Remote E-Stop (Break Glass-Type, Surface Mount)
- Remote E-Stop (Red Mushroom-Type, Surface Mount)
- Remote E-Stop (Red Mushroom-Type, Flush Mount)
- 10A Engine Run Relay
- Ground Fault Annunciator
- 120V GFCI and 240V Outlets
- 100 dB Alarm Horn
- Damper Alarm Contacts (with Motorized Dampers Only)
- Wi-Fi Extension Kit

WARRANTY (Standby Gensets Only)

- 2 Year Extended Limited Warranty
- 5 Year Limited Warranty
- 5 Year Extended Limited Warranty
- 7 Year Extended Limited Warranty
- 10 Year Extended Limited Warranty

ENGINEERED OPTIONS

CONTROL SYSTEM

- Spare Inputs (x4) / Outputs (x4)
- Battery Disconnect Switch

GENERATOR SET

- Special Testing
- Battery Box

EPA Certified Stationary



DEMAND RESPONSE READY

General

Make	Generac
Cylinder #	4
Type	In-Line
Displacement - in ³ (L)	275.0 (4.5)
Bore - in (mm)	4.5 (114.3)
Stroke - in (mm)	4.25 (107.95)
Compression Ratio	9.1:1
Intake Air Method	Turbocharged
Number of Main Bearings	5
Connecting Rods	Forged Steel, Fractured Split, Bushingless
Cylinder Head	Cast Iron
Cylinder Liners	Cast Iron
Ignition	Coil Near Plug Solid State Inductive
Piston Type	Cast Aluminum Flat Top
Crankshaft Type	Forged Steel
Lifter Type	Hydraulic
Intake Valve Material	Stainless Steel
Exhaust Valve Material	Stainless Steel
Hardened Valve Seats	High Steel Iron Alloy

Governor	Electronic
Frequency Regulation (Steady State)	$\pm 0.25\%$

Oil Pump Type	Gear Driven
Oil Filter Type	Full-Flow Spin-On Cartridge
Crankcase Capacity - qt (L)	21 (20)

Cooling System Type	Pressurized Closed
Fan Type	Pusher
Fan Speed - RPM	2,100
Fan Diameter - in (mm)	22 (533)

Fuel Type	Natural Gas, Propane
Fuel Injection	Electronic
Fuel Shut Off	Generac
Operating Fuel Pressure (NG) - in H ₂ O (kPa)	5 - 14 (1.2 - 3.5)
Operating Fuel Pressure (LP) - in H ₂ O (kPa)	7 - 14 (1.7 - 3.5)

System Voltage	12 VDC
Battery Charger Alternator	Standard
Battery Size	See Battery Index 0161970SBY
Battery Voltage	12 VDC
Ground Polarity	Negative

Standard Model	K0060124Y21
Poles	4
Field Type	Revolving
Insulation Class - Rotor	H
Insulation Class - Stator	H
Total Harmonic Distortion	<5% (3-Phase Only)
Telephone Interference Factor (TIF)	<50

Standard Excitation	Synchronous Brushless
Bearings	Sealed Ball
Coupling	Direct via Flexible Disc
Prototype Short Circuit Test	Yes
Voltage Regulator Type	Full Digital
Number of Sensed Phases	All
Regulation Accuracy (Steady State)	$\pm 0.25\%$

SG060 | 4.5L | 60 kW
INDUSTRIAL SPARK-IGNITED GENERATOR SET
 EPA Certified Stationary

GENERAC | **INDUSTRIAL POWER**

OPERATING DATA

DEMAND RESPONSE READY

POWER RATINGS

	Standby	
Single-Phase 120/240 VAC @1.0pf	60 kW/60 kVA	Amps: 250
Three-Phase 120/208 VAC @0.8pf	60 kW/75 kVA	Amps: 208
Three-Phase 120/240 VAC @0.8pf	60 kW/75 kVA	Amps: 181
Three-Phase 277/480 VAC @0.8pf	60 kW/75 kVA	Amps: 90
Three-Phase 346/600 VAC @0.8pf	60 kW/75 kVA	Amps: 72

MOTOR STARTING CAPABILITIES (skVA)

skVA vs. Voltage Dip					
120/240 VAC 1Ø	30%	277/480 VAC 3Ø	30%	208/240 VAC 3Ø	30%
A0060044N21	40	K0060124Y21	124	K0060124Y21	95
A0100044N21	67	K0100124Y21	227	K0100124Y21	171

FUEL CONSUMPTION RATES*

Natural Gas – scfh (m³/hr)		Propane Vapor – scfh (m³/hr)		Propane Liquid – gph (Lph)	
Percent Load	Standby	Percent Load	Standby	Percent Load	Standby
25%	231 (6.5)	25%	64 (1.8)	25%	2.2 (8.3)
50%	413 (11.7)	50%	152 (4.3)	50%	4.4 (16.6)
75%	601 (17.0)	75%	232 (6.6)	75%	6.6 (24.9)
100%	795 (22.5)	100%	306 (8.7)	100%	8.8 (33.2)

* Fuel supply installation must accommodate fuel consumption rates at 100% load.

COOLING

	Standby
Air Flow (Fan Air Flow Across Radiator) - Open Set	cfm (m³/min) 4,343 (123)
Coolant Flow	gpm (Lpm) 24 (90)
Coolant System Capacity	gal (L) 9 (34)
Maximum Operating Ambient Temperature	°F (°C) 122 (50)
Maximum Operating Ambient Temperature (Before Derate)	See Bulletin No. 0199270SSD
Maximum Additional Radiator Backpressure	in H ₂ O (kPa) 0.5 (0.12)

COMBUSTION AIR REQUIREMENTS

	Standby
Flow at Rated Power - cfm (m³/min)	136 (3.9)

ENGINE

		Standby
Rated Engine Speed	RPM	1,800
Horsepower at Rated kW**	hp	98
Piston Speed	ft/min (m/min)	1,275 (389)
BMEP	psi (kPa)	162 (1,119)

EXHAUST

		Standby
Exhaust Flow (Rated Output)	cfm (m³/min)	331 (9.0)
Maximum Additional Exhaust Backpressure (Post Silencer)	inHg (kPa)	0.75 (2.54)
Exhaust Temperature (Rated Output)	°F (°C)	1,338 (726)

** Refer to "Emissions Data Sheet" for maximum bHP for EPA and SCAQMD permitting purposes.

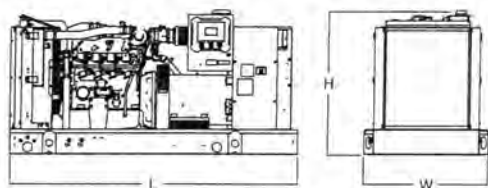
Deration – Operational characteristics consider maximum ambient conditions. Derate factors may apply under atypical site conditions.
 Please contact a Generac Power Systems Industrial Dealer for additional details. All performance ratings in accordance with ISO3046, BS5514, ISO8528, and DIN6271 standards.
 Standby - See Bulletin 0187500SSB
 Demand Response - See Bulletin 10000018250

SG060 | 4.5L | 60 kW
INDUSTRIAL SPARK-IGNITED GENERATOR SET
EPA Certified Stationary



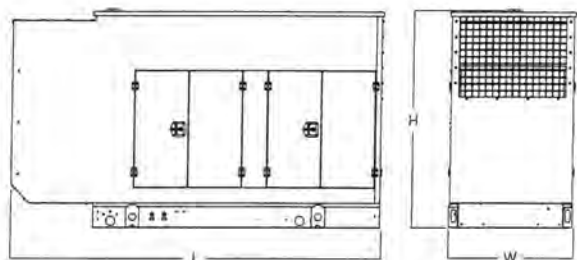
DIMENSIONS AND WEIGHTS*

DEMAND RESPONSE READY



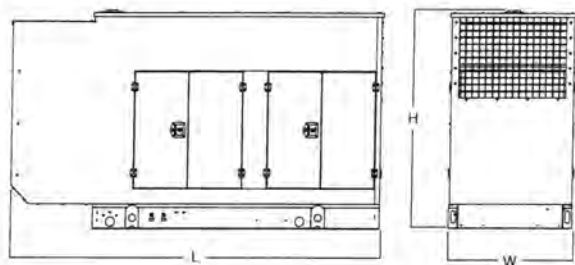
OPEN SET

L x W x H - in (mm)	92.9 (2,360) x 39.9 (1,014) x 46.0 (1,170)
Weight - lbs (kg)	1,923 - 2,094 (872 - 950)



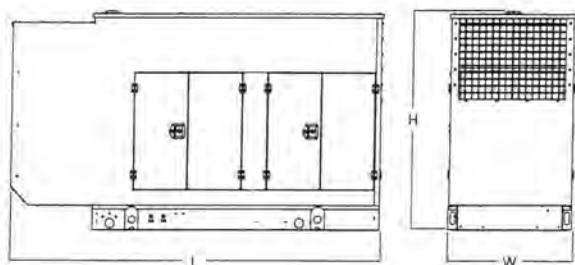
LEVEL 0 SOUND ATTENUATED ENCLOSURE

L x W x H - in (mm)	120.8 (3,068) x 40.5 (1,028) x 69.0 (1,754)
Weight - lbs (kg)	Steel: 2,662 - 2,834 (1,207 - 1,286) Aluminum: 2,310 - 2,483 (1,048 - 1,126)



LEVEL 1 SOUND ATTENUATED ENCLOSURE

L x W x H - in (mm)	120.8 (3,068) x 40.5 (1,028) x 69.0 (1,754)
Weight - lbs (kg)	Steel: 2,753 - 2,925 (1,249 - 1,327) Aluminum: 2,401 - 2,573 (1,089 - 1,167)



LEVEL 2 SOUND ATTENUATED ENCLOSURE

L x W x H - in (mm)	120.8 (3,068) x 40.5 (1,028) x 69.0 (1,754)
Weight - lbs (kg)	Steel: 2,831 - 3,003 (1,284 - 1,362) Aluminum: 2,458 - 2,630 (1,115 - 1,193)

* All measurements are approximate and for estimation purposes only.

YOUR FACTORY RECOGNIZED GENERAC INDUSTRIAL DEALER

Specification characteristics may change without notice. Please contact a Generac Power Systems Industrial Dealer for detailed installation drawings.

TX611 Series Transfer Switch

100 – 400 Amps

Contactor Type · Open and Delayed Transition

GENERAC | INDUSTRIAL
POWER

- Automatic Transfer Switch
- 100 – 400 A, up to 480 VAC, 50/60 Hz
- Single or Three Phase
- 2, 3 or 4 Poles
- NEMA 1 or 3R
- Open and Inphase or Open with Delayed Transition
- ETL/cETL Listed to UL 1008
- 3 Cycle Rated for Easy Upstream Breaker Coordination



Image used for illustration purposes only

Codes and Standards

Not all codes and standards apply to all configurations. Contact factory for details.



ETL/cETL Listed to UL 1008



NFPA 37, 70, 99, 110



NEC 700, 701, 702, 708

Description

Generac's contactor type transfer switches are double-throw robust switch construction with inherent interlocks to ensure safe positive transfer between power sources. The contacts are silver composite for long life, resisting pitting or burning. The switches are rated for full load transfers in mission critical, emergency, legally required, and optional power systems.

The microprocessor based controller provides the customers with the flexibility to program a comprehensive group of set points to match the application needs. The controller has 2 programmable inputs and 1 programmable output as standard and is available with optional expansion boards for up to 4 programmable inputs and outputs. The LCD displays real time and historical information with time-stamped events. The integrated plant exerciser can be configured in off, daily, day of week, biweekly, and monthly intervals with user selectable run time. Standard features of the controller include three phase sensing on both sources, phase unbalance, phase reversal, load shed, emergency inhibit, and communications.

TX611 Series Transfer Switch

100 – 400 Amps

Contact Type · Open and Delayed Transition

GENERAC | **INDUSTRIAL
POWER**

STANDARD FEATURES

GENERAL

- Small Footprint, Results in Easy Mounting and Installation for Reduced Time and Costs
- Cable Entry is Top or Bottom
- Double-Throw, Stored Energy Transfer Mechanism
- Can be Electrically Isolated while Energized
- Graphical LCD-Based Display for Programming, System Diagnostics and Help Menu Display Mimic
- Diagram with Source Available and Connected LED Indicator
- Time-Stamped Event History Log
- Programmable Exerciser - Daily, Weekly, Bi-Weekly, Monthly
- Method of Transfer: Open with Inphase Transition
- Mechanically Interlocked to Prevent Connection of Both Sources
- Modbus® RTU
- TXC 100 Controller
- Operating Temperature -4 ° to 158 °F (-20 ° to 70 °C)
- Removable Top and Bottom Plates for Ease of Entry
- Voltage Agnostic*
- High Withstand and Closing Ratings
- Heater Kit Standard on All 3R Enclosures
- Auxiliary Output Includes: Two Wire Start, Signal Before Transfer, Fault, and a Programmable Relay Output
- Auxiliary Input Includes: Permissive Inputs (24 VDC)
- General Alarm Indication
- 2 Year Standard Warranty

VOLTAGE AND FREQUENCY SENSING

- Three Phase Under and Over Voltage Sensing on Normal and Emergency Sources
- Under and Over Frequency Sensing on Normal and Emergency
- Selectable Settings: Single or Three Phase Voltage
- Sensing on Normal, Emergency and Load 50 or 60 Hz
- Phase Sequence Sensing for Phase Sensitive Loads

CONTROLS

- Front Programmable Control Reduces PPE Needs and Arc Flash Hazard
- Built in Battery Backup - Increases Switch Reliability and Reduces Switch Transition Time to Alternate Source
- Battery Backup Able to Power the Controller for up to 60 Minutes in the Event of No Source Availability
- Generator Battery Backup for Controller
- Accessible USB Port for Easy Data Downloads, Firmware Updates without Requiring PPE, Reducing the Risk of Arc Flash
- All Amp Nodes Offered with Delayed Transition
- Heater Programmable through Control for Desired Temperature and Humidity Settings
- Front Accessible Customer Connections

* 480 V Delta Must be Specified at Time of Ordering for Transformer Kit to be Included

AVAILABLE OPTIONS

- Chicago Code Kit
- 3R Padlockable Cover for Controller (Standard on 3R Enclosure)
- Emergency Inhibit
- Selectable Retransfer
- Manual Generator Retransfer
- Type 1 to 3R Conversion Kit
- Heater Option for Temperature and Humidity Control (Standard on 3R)
- Time Delay in Neutral Transition (TDN), or Inphase with a Default to Time Delay in Neutral Transfer
- Expandable Input/Output Board Module Includes: 4 Relay Outputs and 4 Optically Isolated Inputs
- 2 Year Extended Limited Warranty
- 5 Year Basic Limited Warranty
- 5 Year Extended Limited Warranty
- 7 Year Extended Limited Warranty
- 10 Year Extended Limited Warranty

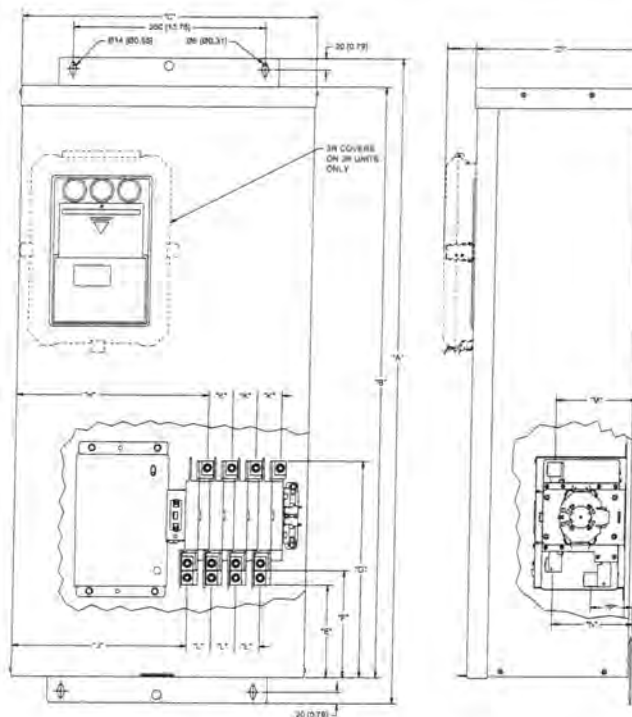
TX611 Series Transfer Switch

100 – 400 Amps

Contactor Type · Open and Delayed Transition

GENERAC INDUSTRIAL POWER

UNIT DIMENSIONS*



Contactor Type, Open and Delayed Transition, 100 – 400 A

Description	in (mm)														Cu/Al					lbs (kg)
	A (Height)	B (Height)	C (Width)	D (Depth)	E (Dim)	F (Dim)	G (Dim)	H (Dim)	J (Dim)	K (Dim)	L (Dim)	M (Dim)	N (Dim)	P (Dim)	Normal 75 °C Wire	Standby Source 75 °C Wire	Load 75 °C Wire	Neutral Connection	Ground Connection	
100A NON SER NEMA 1	35.6 (903)	31.7 (806)	21.4 (544)	12.0 (305)	9.3 (236)	10.3 (262)	18.1 (460)	3.7 (93)	5.1 (129)	1.5 (38)	1.7 (44)	5.8 (148)	5.8 (148)	4.8 (122)	(1) 2/0 - 14	(1) 2/0 - 14	(1) 2/0 - 14	(5) 2/0 - 14	(2) 1/0 - 14	105.8 (48)
100A NON SER NEMA 3R	35.6 (903)	31.7 (806)	21.4 (544)	14.1 (358)	9.3 (236)	10.3 (262)	18.1 (460)	3.7 (93)	5.1 (129)	1.5 (38)	1.7 (44)	5.8 (148)	5.8 (148)	4.8 (122)	(1) 2/0 - 14	(1) 2/0 - 14	(1) 2/0 - 14	(5) 2/0 - 14	(2) 1/0 - 14	110.2 (50)
150A NON SER NEMA 1	35.6 (903)	31.7 (806)	21.4 (544)	12.0 (305)	9.3 (236)	10.3 (262)	18.1 (460)	3.7 (93)	5.1 (129)	1.5 (38)	1.7 (44)	5.8 (148)	5.8 (148)	4.8 (122)	(1) 250 - 6	(1) 250 - 6	(1) 250 - 6	(4) 350 - 6	(2) 250 - 6	116.8 (53)
150A NON SER NEMA 3R	35.6 (903)	31.7 (806)	21.4 (544)	14.1 (358)	9.3 (236)	10.3 (262)	18.1 (460)	3.7 (93)	5.1 (129)	1.5 (38)	1.7 (44)	5.8 (148)	5.8 (148)	4.8 (122)	(1) 250 - 6	(1) 250 - 6	(1) 250 - 6	(4) 350 - 6	(2) 250 - 6	121.3 (55)
200A NON SER NEMA 1	35.6 (903)	31.7 (806)	21.4 (544)	12.0 (305)	9.3 (236)	10.3 (262)	18.1 (460)	3.7 (93)	5.1 (129)	1.5 (38)	1.7 (44)	5.8 (148)	5.8 (148)	4.8 (122)	(1) 250 - 6	(1) 250 - 6	(1) 250 - 6	(4) 350 - 6	(2) 250 - 6	116.8 (53)
200A NON SER NEMA 3R	35.6 (903)	31.7 (806)	21.4 (544)	14.1 (358)	9.3 (236)	10.3 (262)	18.1 (460)	3.7 (93)	5.1 (129)	1.5 (38)	1.7 (44)	5.8 (148)	5.8 (148)	4.8 (122)	(1) 250 - 6	(1) 250 - 6	(1) 250 - 6	(4) 350 - 6	(2) 250 - 6	121.3 (55)
300A NON SER NEMA 1	51.4 (1,305)	47.5 (1,206)	24.4 (621)	12.0 (305)	9.8 (249)	11.6 (295)	20.4 (519)	4.6 (116)	6.3 (161)	2.3 (59)	2.3 (59)	6.5 (166)	6.5 (166)	3.3 (84)	(1) 600 - 4 or (2) 250 - 1/0	(1) 600 - 4 or (2) 250 - 1/0	(1) 600 - 4 or (2) 250 - 1/0	(5) 600 MCM - 4 or (10) 250 MCM - 1/0	(2) 250 - 6	174.2 (79)
300A NON SER NEMA 3R	51.4 (1,305)	47.5 (1,206)	24.4 (621)	14.1 (358)	9.8 (249)	11.6 (295)	20.4 (519)	4.6 (116)	6.3 (161)	2.3 (59)	2.3 (59)	6.5 (166)	6.5 (166)	3.3 (84)	(1) 600 - 4 or (2) 250 - 1/0	(1) 600 - 4 or (2) 250 - 1/0	(1) 600 - 4 or (2) 250 - 1/0	(5) 600 MCM - 4 or (10) 250 MCM - 1/0	(2) 250 - 6	178.6 (81)
400A NON SER NEMA 1	51.4 (1,305)	47.5 (1,206)	24.4 (621)	12.0 (305)	9.8 (249)	11.6 (295)	20.4 (519)	4.6 (116)	6.3 (161)	2.3 (59)	2.3 (59)	6.5 (166)	6.5 (166)	3.3 (84)	(1) 600 - 4 or (2) 250 - 1/0	(1) 600 - 4 or (2) 250 - 1/0	(1) 600 - 4 or (2) 250 - 1/0	(5) 600 MCM - 4 or (10) 250 MCM - 1/0	(2) 250 - 6	174.2 (79)
400A NON SER NEMA 3R	51.4 (1,305)	47.5 (1,206)	24.4 (621)	14.1 (358)	9.8 (249)	11.6 (295)	20.4 (519)	4.6 (116)	6.3 (161)	2.3 (59)	2.3 (59)	6.5 (166)	6.5 (166)	3.3 (84)	(1) 600 - 4 or (2) 250 - 1/0	(1) 600 - 4 or (2) 250 - 1/0	(1) 600 - 4 or (2) 250 - 1/0	(5) 600 MCM - 4 or (10) 250 MCM - 1/0	(2) 250 - 6	178.6 (81)

UL 1008 Withstand and Closing Ratings

Ampere Rating	Specific Breaker (kA)	3-Cycle Rating (kA)	Fuse Rating (Class J)
100	35	22	200 kA
150	42	22	200 kA
200	42	22	200 kA
300	65	35	200 kA
400	65	35	200 kA

* All measurements are approximate and for estimation purposes only. Specification characteristics may change without notice. Please contact a Generac Power Systems Industrial Dealer for detailed installation drawings.

Generac Power Systems, Inc. | P.O. Box 8 | Waukesha, WI 53189

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Part No. A0000528440

Rev. B 06/18/2020

PROPOSAL

JRB ELECTRIC, INC.
N171 W21045 INDUSTRIAL DRIVE
JACKSON, WI 53037
(262) 677-4961
FAX (262) 677-4965

Job Name: Village of Jackson DPW

Date: 1-25-23

Proposal Submitted To

Work To Be Performed At

Name	Village of Jackson DPW	Owner	
Street	W194 N16660 Eagle Dr	Street	same
City	Jackson	City	State: WI
State	WI	Date of Plans	
Telephone Number	Jeff Deitsch 414-840-0560	Architect	

We hereby propose to furnish the material and perform the labor necessary for the completion of:

GENERATOR:

1. 1 Kohler 60KW KG60 generator. Natural gas
2. 1 400 amp service rated transfer switch (KEP-DCTC-0400S-NK)
3. 8" compacted stone base.
4. 1 1 1/2" gas line
5. Locate generator at Northwest end of building
6. Owner training
7. Kohler 5 year warranty(Parts and labor on generator)
8. Start-up service
9. Battery heater
10. Carburetor heater
11. 6" concrete pad
12. Village of Jackson specifications per 1-11-23 email

Permit and One year Warranty on workmanship and materials.

All of the above work will be completed for the sum of: Sixty-Two Thousand Four Hundred Dollars

(\$62,400.00)

*Plus Wisconsin Sales Tax if Applicable

PAYABLE AS FOLLOWS:

___ DOWN PAYMENT: \$38,000.00
___ BALANCE UPON COMPLETION
(INITIAL ON ABOVE LINES)

ALTERNATES:

1. KOHLER ON-CUE MONITORING \$540.00. TERMINATIONS AND SETUP
2. EXTREME COLD WEATHER PACKAGE. FUEL REGULATOR HEATER AND STATOR ENCLOSURE. \$325.00
3. GAS VALVE AND TEE FOR LP FUEL. \$250.00

AS REQUIRED BY THE WISCONSIN CONSTRUCTION LIEN LAW, CONTRACTOR HEREBY NOTIFIES OWNER THAT PERSONS OR COMPANIES FURNISHING LABOR OR MATERIALS FOR THE CONSTRUCTION ON THE OWNER'S LAND MAY HAVE LIEN RIGHTS ON OWNER'S LAND AND BUILDINGS IF NOT PAID. THOSE ENTITLED TO LIEN RIGHTS, IN ADDITION TO THE UNDERSIGNED CONTRACTOR, ARE THOSE WHO CONTRACT DIRECTLY WITH THE OWNER OR THOSE WHO GIVE THE OWNER NOTICE WITHIN 60 DAYS AFTER THEY FIRST FURNISH LABOR OR MATERIALS FOR THE CONSTRUCTION. ACCORDINGLY, OWNER PROBABLY WILL RECEIVE NOTICES FROM THOSE WHO FURNISH LABOR OR MATERIALS FOR THE CONSTRUCTION, AND SHOULD GIVE A COPY OF EACH NOTICE RECEIVED TO HIS MORTGAGE LENDER, IF ANY. CONTRACTOR AGREES TO COOPERATE WITH THE OWNER AND HIS LENDER, IF ANY, TO SEE THAT ALL POTENTIAL LIEN CLAIMANTS ARE DULY PAID.

Any alteration or deviation from above specifications involving extra costs, will be executed only upon written orders, and will become an extra charge over and above the estimate. All agreements contingent upon strikes, accidents or delays beyond our control. Owner to carry fire, tornado, and other necessary insurance upon above work. Workman's Compensation and Public Liability Insurance on above work to be taken out by JRB Electric, Inc.

Respectfully Submitted **JASON BERG**

Note-This proposal may be withdrawn by us if not accepted within 14 days.

ACCEPTANCE OF PROPOSAL

The prices, specifications, terms and conditions, including the reverse side, are satisfactory and are hereby accepted. You are authorized to do the work as specified. Payment will be made as outlined above.

Date _____

Signature: _____

Signature: _____

Please sign and return copy

TERMS AND CONDITIONS OF SALE PROPOSAL

In addition to the terms and conditions on the face of this document, it is agreed:

1. **WARRANTY.** Purchase agrees that this proposal is subject to JRB Electric, Inc.'s standard one (1) year warranty. Pursuant to warranty, in no event shall JRB Electric be liable for consequential or special damages, and purchaser's sole remedy shall be repair or replacement of JRB Electric products. JRB Electric makes no other warranties, express or implied, and expressly excludes any implied warranty of merchantability or fitness for a particular purpose.
2. **PAYMENT.** Payment is due as specified above. All invoices are due upon receipt. Invoices NOT paid when due shall accrue interest at the rate of 18% per annum as set forth below and purchaser agrees to pay all costs of collection, including reasonable attorney fees.
3. **AMENDMENTS.** No additional or different specifications will be binding upon JRB Electric unless specifically agreed to in writing. Failure of JRB Electric to object to provisions contained in any purchase order or other communication from a Purchaser shall not be construed as acceptance of those provisions.
4. **CLAIMS.** Purchaser further agrees that any controversy or claim between Purchaser and JRB Electric shall be decided in Washington County Circuit Court, West Bend, Wisconsin.

YOUR BILLING RIGHTS KEEP THIS NOTICE FOR FUTURE USE

This notice contains important information about your rights and our responsibilities under the Fair Credit Billing Act.

Notify us in case of errors or questions about your bill. If you think your bill is wrong, or you need more information about a transaction on your bill, write us on a separate sheet at the address listed on your bill. Write us as soon as possible. We must hear from you no later than (60) days after we sent you the first bill on which the error or problem appeared. You can telephone us, but doing so will not preserve your rights.

In your letter, give the following information:

- Your name and address
- The address where JRB Electric installed goods or performed services
- The dollar amount of the suspected error
- Describe the error and explain, if you can, why you believe there is an error. If you need more information, describe the item you are not sure about.

Your Rights and Our Responsibilities after We Receive Your Written Notice.

We must acknowledge your letter within (30) days, unless we have corrected the error by then. Within ninety (90) days, we must either correct the error or explain why we believe the bill was correct.

After we receive your letter, we cannot try to collect any amount you question, or report you as delinquent. We can continue to bill you for the amount you question, including finance charges, and can apply any unpaid amount against your credit limit. You do not have to pay any questioned amount while we are investigating, but you are still obligated to pay the parts of your bill that are not in question.

If we find that we made a mistake on your bill, you will not have to pay any finance charges related to any questioned amount. If we did not make a mistake, you may have to pay finance charges, and you will have to make up missed payments on the questioned amount. In either case, we will send you a statement of the amount you owe and the date that it is due.

If you fail to pay the amount that we think you owe, we may report you as delinquent. However, if our explanation does not satisfy you and you write to us within ten (10) days telling us that you still refuse to pay, we must tell anyone we report you to that you have a question about your bill. And, we must tell you the name of anyone we report you to. We must tell anyone we report you to that the matter has been settled between us when it finally is.

If we don't follow these rules, we can't collect the first \$50 of the questioned amount, even if your bill is correct.

Annual % Rate for Purchases	Annual Fees	Grace Period for Repayment of Balance for Purchases	Method of Computing the Balance for Purchases
18%	None	None	See Balance Explanation Below

(The information about the costs of credit is accurate as of July/2011. This information may have changed after that date. To find out what may have changed, write to us at N171 W21045 Industrial Drive, Jackson, WI 53037.)

BALANCE EXPLANATION. The finance charge on my account is figured by adding the balance due at the end of each day during the billing cycle, dividing that total by the number of days in the billing cycle to obtain an average daily balance. The finance charge is figured by applying the daily periodic rate of .049315% (18% Annual Percentage Rate) to the "average daily balance," and then multiplying that figure by the number of days in the billing cycle to obtain the total finance charge.

Finance charges begin on the date of posting the purchase to your account; however if the previous balance shown on your monthly statement is zero, or was paid in full by the payment due date, and you pay the new balance for correct purchase (less finance charges) by the current payment due date, you then will not have to pay those finance charges, or if a previous balance is shown, and was not paid in full, and you now pay the new balance by the payment due date, you will avoid additional finance charges on the new balance.

Notice to Married Applicants. No provision of any marital property agreement, unilateral statement under 766.69 Wis. Stats. Or court decree under 766.70 adversely affects the interest of the creditor unless the creditor, prior to the time the credit is granted or an open end credit plan is entered into, is furnished a copy of the agreement, statement or decree or has actual knowledge of the adverse provision.

M e m o

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To: Brian Kober

From: Jeff L. Deitsch

Date: 01/20/2023

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Re: Purchase of Mini Excavator

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As part of the Water & Wastewater Budget there was a line item to purchase a Mini excavator for the utilities. Each Utility budgeted \$45,000 for the purchase of this machine which was approved by the Village Board.

Mini excavators are ideal for jobs that take place within tight areas. Working between curb and sidewalk, for example, involves having to maneuver around trees, mailbox and other utilities underground. A mini excavator can perform the same functions a standard excavator can, but it does so on a smaller scale. This can significantly speed jobs where digging would otherwise have to be done manually. Having a Mini excavator in the fleet will expedite a project on our timeline not on an outside contractor timeline. Purchase of this Mini Excavator will open many opportunities for the Utilities and Public Works Department.

I set up specifications for the vendors so we could compare apples to apples as much as possible. I ask for bids from nine different vendors representing nine different Mini Excavator brands. The staff traveled to operate six out of the nine Mini Excavators that were bid. Next, I eliminated the machines who price exceeded the amount budgeted which dropped the units to Three. The staff discussed pros and cons of each machine that included maintenance and operational concerns. One operational concern was the operation of the boom functions. A hydraulic over Hydraulic operation is preferred over an electric over hydraulic operation. Cab access was a concern along with operator comfort. After evaluation, the staff rated the machines in the following order below and recommend the Takeuchi TB250-2.

1. Takeuchi TB250-2 – \$85,800.00
2. Bobcat – \$83,030.28
3. Sany SY50U – \$78,431.00

MINI X	HP	WEIGHT	DIGGING DEPTH	Dig Force	UNIT PRICE	18" BUCKET	24" BUCKET	36" DITCHING BUCKET	FROST TOOTH	TOTAL PRICE	Warranty	
BOBCAT E50	49.7	11894	12.7 FT	9511	\$76,303.28	\$1,648.00	\$1,901.00	\$1,849.00	\$1,329.00	\$83,030.28	5 yr/2000 hrs	operated
CAT 305-07	45	12000	12 FT	11,061	\$88,500.00	\$1,085.00	\$1,250.00	\$1,300.00	\$900.00	\$93,035.00	5 yr/4000 hrs	operated
JOHN DEERE 50G	35.9	10847	11.7 FT	8267	\$87,900.00	\$1,559.00	\$1,717.00	\$1,851.00	\$2,086.00	\$95,113.00	5 yr/2000 hrs	
KUBOTA KX057-SR3P	46.4	12886	12.75 FT	10,172	\$87,200.00	\$1,800.00	\$1,950.00	\$1,750.00	\$2,050.00	\$94,750.00	4 yr/4000 hrs	operated
SANY SY50U	39	12200	11.3 FT	7306	\$74,424.00	\$1,232.00	\$1,354.00	\$0.00	\$1,421.00	\$78,431.00	5 yr /5000hrs	operated
TAKEUCHI TB250-2	39	11288	12.4 FT	10,430	\$80,805.00	\$1,300.00	\$0.00	\$1,895.00	\$1,800.00	\$85,800.00	5 yr /2000hrs	operated
JCB 50Z	48.3	11089	11.11 FT	8542	\$88,221.76	\$745.00	\$0.00	\$1,415.00	\$1,250.00	\$91,631.76	5 yr/3000 hrs	operated
Case CX57C	66.9	12320	13.4 FT	9550	\$86,900.00	\$1,542.00	\$1,741.00	\$1,892.00	\$1,696.00	\$93,771.00	5 yr/3000 hrs	operated
Kobelco	37.4	12147	13.6 FT	8003	\$85,525.00	\$1,542.00	\$1,741.00	\$1,892.00	\$1,696.00	\$92,396.00	5 yr/3000 hrs	

Red = price is above amount Budgeted

Yellow = Price is within amount Budgeted but staff issues were:

Sany SY50U - Cab is small and hard to get in and out, digging depth, no 4 way blade
Bobcat - Cab is small and harder to get in and out

Green = Price within amount Budgeted, Staff recommended

Takeuchi TB250-2 - Cab is big and easy to get in and out, Beefier Boom Turret, Hydraulic over Hydraulic operation
Conventional Swing - better side track digging.



LAKE SIDE

INTERNATIONAL TRUCKS

Corporate Office Location
11000 W. Silver Spring Rd.
P.O. Box 250827
Milwaukee, WI 53225
(414) 353-4800
(800) 236-0444
Fax: (414) 353-2743
www.lakesidetrucks.com

Wisconsin Dealerships:
Milwaukee
Madison
Racine
West Bend
Sheboygan
Janesville
Monroe

Illinois Dealership:
Rockford

Lakeside International 2024 & 2025 NEW TRUCK COMMODITY SURCHARGES

Lakeside International Trucks continues to see supplier disruptions and significant cost increases impacting our new truck order board & pricing.

Many of the major commodities used in production of our vehicles are seeing large increases in steel, aluminum, copper & resins. Despite our best efforts, global marketplace dynamics continue to increase our costs. Our competitors are seeing the same impact. Lakeside is doing everything in our power to manage our 2024 & 2025 production slots and pricing.

As a result, prices quoted after January 1, 2022, represent current build pricing for 2023 production which is currently full. We need our customers to understand that prices quoted after that date are just our estimated price based on past year over year price increases. There are new emissions coming for 2025 along with possible additional commodity surcharges. Lakeside cannot see into the future and cannot predict final pricing for 2024 & 2025 production. By signing this letter, you understand that there may be additional price adjustments for new emissions or additional commodity surcharges. You have the right to cancel your order six months prior to the build of your chassis. Lakeside will keep you updated monthly on the build schedule & additional costs should they arise.

Customer Signature & Date


Lakeside Signature & Date

Village of Jackson
Public Works Equipment
2023 Budget Year
September 21, 2022

Equipment Description	Vehicle Number	Life Span	Department	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028
Big Orange #1, (1998) 1998 paid 2002									\$175,000								\$205,000		
Big Orange #2, (2002) 2003 paid 2008	selling											\$190,000							
Big Orange #3 Snow Plow (2009)													\$49,000	\$195,000					
Big Orange #4 Snow Plow (2013)																		\$210,000	
Backhoe/Loader Caterpillar (2012)																			
Snowblower John Deer Loader (1999)															\$100,000				
New 1 ton Diesel Truck	selling																		
New 1 ton GAS Truck												\$54,000				\$70,000			\$80,000
Brush Chipper (Purchased in 2011)																\$50,000			
replace waste supt truck								\$24,000											
replace bucket truck (2004)													\$150,000	?????					
John Deer Loader (1992)															\$125,000	\$125,000			
Bob Cat Skid Steer						\$5,000													
Vac / Jeter Truck WWTP														\$500,000					
replace Water Super truck								\$24,000											
Street Pick-up																		\$60,000	
Bob Cat Skid Steer (2002)						\$19,000								\$86,000					
Zero Turn lawn mower									\$15,000	\$13,000				\$15,000		\$15,000			\$17,000
Trailer to haul mowers / skid loader									\$5,600										
New Case Tractor to replace Allis																			
Ballfield Groomer						\$16,000													
Total				\$0	\$0	\$40,000	\$0	\$48,000	\$195,600	\$13,000	\$0	\$244,000	\$199,000	\$796,000	\$225,000	\$260,000	\$205,000	\$270,000	\$97,000

Building Truck might get truck in 2023

Patrol Trucks	2018		2021		2023		One Ton Truck	2021		2023	
	Year	Age	Year	Age	Year	Age		Year	Age	Year	Age
	1998	23	2003	18	2009	14		2000	21	2005	18
	2003	18	2009	12	2012	11		2005	16	2009	14
	2009	12	2012	9	2018	5		2009	12	2012	11
	2012	9	2018	3	2021	2		2012	9	2022	1
		62		42		32			58		44

Public Works Report

January 31, 2023

Treatment Plant - Designed Capacity – 1.67 million gallons per day
 Peak Flow Capacity – 6.0 million gallons per day

Year 2020

January	Avg. Flow 1.280 MGD	Min. Flow 1.055 MGD	Max. 1.720 MGD
February	Avg. Flow 1.221 MGD	Min. Flow 1.000 MGD	Max. 1.630 MGD
March	Avg. Flow 1.581 MGD	Min. Flow 1.010 MGD	Max. 2.290 MGD
April	Avg. Flow 1.283 MGD	Min. Flow 940,000 g.p.d.	Max. 2.210 MGD
May	Avg. Flow 1.607 MGD	Min. Flow 1.010 MGD	Max. 4.090 MGD
June	Avg. Flow 1.178 MGD	Min. Flow 980,000 g.p.d.	Max. 1.510 MGD
July	Avg. Flow 1.269 MGD	Min. Flow 800,000 g.p.d.	Max. 2.370 MGD
August	Avg. Flow 1.042 MGD	Min. Flow 760,000 g.p.d.	Max. 1.510 MGD
September	Avg. Flow 1.148 MGD	Min. Flow 810,000 g.p.d.	Max. 1.850 MGD
October	Avg. Flow 1.172 MGD	Min. Flow 870,000 g.p.d.	Max. 2.210 MGD
November	Avg. Flow 1.122 MGD	Min. Flow 860,000 g.p.d.	Max. 1.770 MGD
December	Avg. Flow 1.164 MGD	Min. Flow 940,000 g.p.d.	Max. 1.480 MGD

Year 2021

January	Avg. Flow 1.075 MGD	Min. Flow 880,000 g.p.d.	Max. 1.460 MGD
February	Avg. Flow 1.015 MGD	Min. Flow 830,000 g.p.d.	Max. 1.590 MGD
March	Avg. Flow 1.525 MGD	Min. Flow 1.160 MGD	Max. 1.970 MGD
April	Avg. Flow 1.264 MGD	Min. Flow 1.020 MGD	Max. 1.950 MGD
May	Avg. Flow 1.108 MGD	Min. Flow 880,000 g.p.d.	Max. 1.450 MGD
June	Avg. Flow 1.091 MGD	Min. Flow 810,000 g.p.d.	Max. 1.670 MGD
July	Avg. Flow 983,226 g.p.d.	Min. Flow 780,000 g.p.d.	Max. 1.410 MGD
August	Avg. Flow 1.281 MGD	Min. Flow 800,000 g.p.d.	Max. 2.530 MGD
September	Avg. Flow 932,333 g.p.d.	Min. Flow 710,000 g.p.d.	Max. 1.170 MGD
October	Avg. Flow 930,000 g.p.d.	Min. Flow 770,000 g.p.d.	Max. 1.140 MGD
November	Avg. Flow 853,667 g.p.d.	Min. Flow 720,000 g.p.d.	Max. 970,000 g.p.d.
December	Avg. Flow 952,581 g.p.d.	Min. Flow 720,000 g.p.d.	Max. 1.330 MGD

Year 2022

January	Avg. Flow 839,968 g.p.d.	Min. Flow 720,000 g.p.d.	Max. 960,000 g.p.d.
February	Avg. Flow 848,571 g.p.d.	Min. Flow 710,000 g.p.d.	Max. 1.080 MGD
March	Avg. Flow 1.499 MGD	Min. Flow 890,000 g.p.d.	Max. 3.910 MGD
April	Avg. Flow 2.245 MGD	Min. Flow 1.200 MGD	Max. 4.100 MGD
May	Avg. Flow 1.237 MGD	Min. Flow 850,000 g.p.d.	Max. 2.070 MGD
June	Avg. Flow 1.438 MGD	Min. Flow 780,000 g.p.d.	Max. 3.680 MGD
July	Avg. Flow 1.141 MGD	Min. Flow 760,000 g.p.d.	Max. 2.370 MGD
August	Avg. Flow 1.139 MGD	Min. Flow 810,000 g.p.d.	Max. 1.920 MGD
September	Avg. Flow 1.395 MGD	Min. Flow 780,000 g.p.d.	Max. 4.160 MGD
October	Avg. Flow 920,322 g.p.d.	Min. Flow 760,000 g.p.d.	Max. 1.130 MGD
November	Avg. Flow 1.259 MGD	Min. Flow 810,000 g.p.d.	Max. 2.660 MGD
December	Avg. Flow 1.267 MGD	Min. Flow 930,000 g.p.d.	Max. 2.190 MGD

Years Summary of Water Consumption

2006 Total Pumpage 207,719,000 gallons	2007 Total Pumpage 217,224,000 gallons
2008 Total Pumpage 229,613,000 gallons	2009 Total Pumpage 231,160,000 gallons
2010 Total Pumpage 239,326,000 gallons	2011 Total Pumpage 240,268,000 gallons
2012 Total Pumpage 253,492,000 gallons	2013 Total Pumpage 228,371,000 gallons
2014 Total Pumpage 230,973,000 gallons	2015 Total Pumpage 222,621,000 gallons
2016 Total Pumpage 254,531,000 gallons	2017 Total Pumpage 251,387,000 gallons
2018 Total Pumpage 241,322,000 gallons	2019 Total Pumpage 253,427,000 gallons
2020 Total Pumpage 259,413,000 gallons	2021 Total Pumpage 242,216,000 gallons

Year 2020

Jan.	Avg.	662,650 g.p.d.	Highest Day 769,000 gals.	Total	20,542,000 gallons
Feb	Avg.	682,280 g.p.d.	Highest Day 886,000 gals.	Total	19,786,000 gallons
March	Avg.	702,030 g.p.d.	Highest Day 837,000 gals.	Total	21,763,000 gallons
April	Avg.	731,070 g.p.d.	Highest Day 1.153 MGD	Total	21,932,000 gallons
May	Avg.	691,030 g.p.d.	Highest Day 915,000 gals.	Total	21,422,000 gallons
June	Avg.	806,030 g.p.d.	Highest Day 1.057 MGD	Total	24,181,000 gallons
July	Avg.	841,970 g.p.d.	Highest Day 1.431 MGD	Total	26,101,000 gallons
August	Avg.	878,710 g.p.d.	Highest Day 1.437 MGD	Total	27,240,000 gallons
Sept	Avg.	696,370 g.p.d.	Highest Day 1.058 MGD	Total	20,891,000 gallons
October	Avg.	677,160 g.p.d.	Highest Day 963,000 gals.	Total	20,992,000 gallons
Nov	Avg.	567,100 g.p.d.	Highest Day 850,000 gals.	Total	17,013,000 gallons
Dec	Avg.	566,130 g.p.d.	Highest Day 815,000 gals.	Total	17,550,000 gallons

Year 2021

Jan.	Avg.	565,650 g.p.d.	Highest Day 789,000 gals.	Total	17,535,000 gallons
Feb	Avg.	517,650 g.p.d.	Highest Day 913,000 gals.	Total	16,047,000 gallons
March	Avg.	583,770 g.p.d.	Highest Day 1.303 MGD	Total	18,097,000 gallons
April	Avg.	642,770 g.p.d.	Highest Day 1.190 MGD	Total	19,283,000 gallons
May	Avg.	659,610 g.p.d.	Highest Day 1.103 MGD	Total	20,448,000 gallons
June	Avg.	825,730 g.p.d.	Highest Day 1.311 MGD	Total	24,772,000 gallons
July	Avg.	750,190 g.p.d.	Highest Day 1.529 MGD	Total	23,256,000 gallons
August	Avg.	768,940 g.p.d.	Highest Day 1.920 MGD	Total	23,837,000 gallons
Sept	Avg.	633,060 g.p.d.	Highest Day 1.775 MGD	Total	19,625,000 gallons
Oct	Avg.	753,030 g.p.d.	Highest Day 1.992 MGD	Total	23,344,000 gallons
Nov	Avg.	619,870 g.p.d.	Highest Day 1.059 MGD	Total	18,596,000 gallons
Dec	Avg.	560,520 g.p.d.	Highest Day 1.167 MGD	Total	17,376,000 gallons

Year 2022

Jan.	Avg.	553,580 g.p.d.	Highest Day 707,000 gals.	Total	17,161,000 gallons
Feb.	Avg.	575,360 g.p.d.	Highest Day 683,000 gals.	Total	16,110,000 gallons
March	Avg.	578,290 g.p.d.	Highest Day 861,000 gals.	Total	17,927,000 gallons
April	Avg.	606,400 g.p.d.	Highest Day 1.084 MGD	Total	18,192,000 gallons
May	Avg.	605,190 g.p.d.	Highest Day 808,000 gals.	Total	18,761,000 gallons
June	Avg.	660,500 g.p.d.	Highest Day 1.034 MGD	Total	19,815,000 gallons
July	Avg.	685,520 g.p.d.	Highest Day 853,000 gals.	Total	21,251,000 gallons
August	Avg.	654,160 g.p.d.	Highest Day 800,000 gals.	Total	20,279,000 gallons
Sept	Avg.	602,170 g.p.d.	Highest Day 727,000 gals.	Total	18,065,000 gallons
October	Avg.	661,390 g.p.d.	Highest Day 1.185 MGD	Total	20,503,000 gallons
Nov	Avg.	561,670 g.p.d.	Highest Day 714,000 gals.	Total	16,850,000 gallons
Dec	Avg.	552,160 g.p.d.	Highest Day 712,000 gals.	Total	17,117,000 gallons

Pump Capacity Well #1- 400 g.p.m. Well #3 -900 g.p.m. Well #4 - 1200 g.p.m. Well #5 – 1,100 g.p.m. Well #6 – 800 g.p.m.

WWTP – Holding & Septage Receiving

2005	\$ 87,562.01	2006	\$101,115.11	2007	\$152,201.07	2008	\$210,441.47
2009	\$183,815.34	2010	\$197,653.66	2011	\$220,576.28	2012	\$236,224.70
2013	\$235,336.46	2014	\$203,938.32	2015	\$210,644.47	2016	\$220,473.17
2017	\$232,358.23	2018	\$245,767.74	2019	\$219,822.80	2020	\$204,656.11
2021	\$209,083.10						

2020	Holdings (gals)	Grease (gals)	G Decant (gals)	Septage (gals)	S Decant (gals)	Total Billings
January	1,426,900				71,000	\$11,872.50
February	1,310,500			2,250	88,500	\$12,786.50
March	1,471,600	900		5,000	173,650	\$16,429.05
April	1,263,950			29,000	326,170	\$19,570.85
May	1,168,670			4,450	308,250	\$17,255.86
June	1,253,900			9,900	196,550	\$15,390.45
July	1,459,700			16,450	212,650	\$17,734.10
August	1,148,750			4,250	168,530	\$13,594.50
September	1,276,950			22,700	299,450	\$18,723.35
October	1,372,200	2,200		39,750	456,000	\$24,386.35
November	1,231,850			33,650	301,700	\$18,911.55
December	1,489,450			16,950	160,200	\$16,683.35

2021	Holdings (gals)	Grease (gals)	G Decant (gals)	Septage (gals)	S Decant (gals)	Total Billings
January	1,284,600			6,650	77,250	\$12,507.30
February	1,386,475			3,000	44,450	\$12,338.05
March	1,633,050			27,600	206,050	\$19,457.65
April	1,425,850			38,000	268,500	\$19,829.30
May	1,297,900			34,550	232,100	\$17,740.45
June	1,392,350			52,800	258,500	\$19,977.30
July	1,338,500			31,600	245,050	\$18,256.25
August	1,499,450			31,200	196,250	\$18,305.85
September	1,389,200			23,900	213,400	\$17,524.10
October	1,275,550			16,250	297,260	\$18,367.15
November	1,249,400			22,400	224,200	\$16,608.20
December	1,448,000			32,000	205,900	\$18,171.50

2022	Holdings (gals)	Grease (gals)	G Decant (gals)	Septage (gals)	S Decant (gals)	Total Billings
January	1,311,750	2,700			40,650	\$11,780.25
February	1,321,050	8,000			48,350	\$12,577.15
March	2,076,350	2,000		40,750	303,750	\$26,238.30
April	1,791,650	5,400	1,500	101,700	326,050	\$27,660.95
May	1,703,450		5,200	164,850	288,100	\$28,456.35
June	1,759,050	3,000		100,400	373,050	\$28,348.65
July	1,437,400	2,700		92,100	186,800	\$20,583.70
August	1,670,350	1,200	3,500	63,700	242,850	\$22,560.55
September	1,479,850			73,350	168,950	\$19,363.30
October	1,204,370	3,000	5,500	47,650	253,200	\$18,629.21
November	1,264,850		1,000	48,300	228,250	\$18,038.55
December	1,454,750		4,000	24,100	159,600	\$16,872.50

CTH P and STH 60 Intersection Project and old Park-n-Lot Property

This is a place holder for the item. We will look to contact WisDOT for a meeting in 2023.

Morning Meadows Subdivision

Streetlights are being planned by the Village for installation in Phase 1 and 2. Phase 1 and 2 has received the final lift of asphalt. Phase 3 has been put on hold by the Developer. No Change

Willow Ridge Drive Reconstruction Project

Streetlights and growing grass are the remaining items. The Village is still holding the retainage of the project. Reviewing the change order to bring the project to the finish line.

Spruce Street/Ridgeway Drive Extension Project

We are working on a streetlight layout for the two streets. We now have poles, fixtures, and meter pedestals just need time for the layout for bidding.

Eagle Drive & STH 60 Intersection Improvement

Funding has not approved by the State. Still working on environmental concerns of the project. One concern is the sizing of the existing two 48-inch culvert pipes crossing Eagle Drive (north). Stormwater modeling is showing the culverts are too small and flooding will occur on Eagle Drive (north). Recommending replacing with two 72-inch pipes. The Village is responsible for the large pipe cost. We are in the process of declaring the 48-inch pipes are adequate to move the project forward.

Midwest Fiber Installation

Street Opening Permits are being approved for the Fiber to the Home Project. In the process we are working with Mid-West for fiber to Utility owned properties.

Impact Fee Study

The study is in process, and the results will be discussed at the February Board of Public Works meeting.

Stormwater Ponds Management Inspection Program

A pause in the inspections have occurred until the vegetation becomes less in the Fall. Difficult to walk around some ponds. We are using the time to look for pond plans. No change.

Main Street (STH 60) Sewer and Water Replacement

A preconstruction meeting has been scheduled for February 1, 2023. Weather permitting the project is scheduled to start in March and be completed by the first week in June. WisDOT has responded back to the utility permit application which was submitted in October 2022. We are addressing their new requests to receive the approved permit.

CTH P (Sherman Road to STH 60) Utility Project

Starting to work on the design for bidding. Working with Morning Meadows Subdivision Developers to determine where we start the utility to head north along CTH P. Planning to bid the project in March of 2023.

Maple Fields Subdivision

The subdivision has been paved. We-Energies Utility installation is occurring. Streetlights and sidewalks still need to be completed in Phase 1.

Next Generation Housing

Utility plans are being finalized for review at the next Board of Public Works meeting.

Respectfully submitted, Brian W. Kober, P.E.