

**CONTRACT CHANGE ORDER**No. 002Date 03/02/2022EDF # 20-040

Contract No. WWTP-2021-48 for the following public work: 2021 Wastewater Treatment Facility Upgrades Project between C.D. Smith Construction, Inc. and the City of La Crosse, dated April 8, 2021, is hereby changed in the following particulars, to-wit:

The following specific work is hereby added to such contract:

<b>Add fencing, modify fire loop pipeline, replace and provide additional pole mounted light fixtures for site security</b>	<b>\$ 190,149.19</b>
<b>Provide larger variable frequency drives for pumps</b>	<b>\$ 2,809.56</b>
<b>Provide additional 2,000 amp vertical switchboard section</b>	<b>\$ 18,282.95</b>
<b>Provide NEMA 3R outdoor rated switchboard enclosure</b>	<b>\$ 11,025.89</b>
<b>Increase East Digester Building elevation</b>	<b>\$ 5,990.86</b>
<b>Provide additional aggregate piers for increased foundation loading requirements</b>	<b>\$ 49,171.11</b>
<b>Provide integral VFDs on hot water pumps</b>	<b>\$ 7,457.70</b>
<b>Provide lead abatement in Structures 160, 190, and 330</b>	<b>\$ 50,237.00</b>

By virtue of such changes in the contract, the following revisions shall be made in the contract price:

Contract Price -----	\$ 58,687,521.60
Contract price decreased by eliminations-----	\$ 0.00
Contract price increased by additions-----	\$ 335,124.26
Net <del>Deductions</del> or Additions (Strike out one)-----	\$ 335,124.26
Revised Contract Price -----	\$ 59,022,645.86

Nicholas Beil

NAME OF CONTRACTOR



CONTRACTOR SIGNATURE

BOARD OF PUBLIC WORKS

I HEREBY CERTIFY that there are sufficient funds in the treasury to meet the liability assumed by the foregoing addenda to contract, or that provision has been made to pay the liability that will accrue thereunder. (WS 62.15-12; 62.09-10-f)

DocuSigned by:

Budget Analyst



C5134A8A54494EF...

Controller

**CHANGE ORDER NO. 002**

CHANGE ORDER DATE OF ISSUANCE	<u>March 3, 2022</u>	COMMENCEMENT OF CONTRACT TIME	<u>May 3, 2021</u>
OWNER	<u>City of La Crosse</u>		
CONTRACTOR	<u>C.D. Smith Construction, Inc.</u>		
PROJECT	<u>2021 Wastewater Treatment Facility Upgrades</u>	EDF NO.	<u>20-040</u>
ENGINEER	<u>Donohue &amp; Associates, Inc.</u>	CONTRACT NO.	<u>13655/13735</u>

YOU ARE DIRECTED TO MAKE THE FOLLOWING CHANGES IN THE CONTRACT DOCUMENTS:

## DESCRIPTION:

1. Work as described in RFP 005, generally summarized below:
  - a. Provide temporary construction fencing south of the City of La Crosse School District Cold Weather Storage Building and north of Anaerobic Digester 2 and Liquid Biosolids Storage Tank 1. Temporary fencing shall encompass temporary waste gas burner location.
  - b. Replace temporary construction fencing with permanent fencing once construction in the area is complete.
  - c. Modify asphalt limits north of the East Digester Building.
  - d. Modify natural gas and fire loop pipeline routes on the north side of East Digester Building to accommodate new fence and revised hydrant location.
  - e. Modify grading on the north side of East Digester Building to accommodate new asphalt limits.
  - f. Provide new pole mounted light fixtures in place of removed pole mounted light fixtures and also provide new pole mounted light fixtures in the new locations. All pole mounted light fixtures on project shall be equipped with photocell.
  - g. Provide new nameplate for existing lighting panel in structure 270.
2. Work as described in RFP 007.1, generally summarized below:
  - a. Provide variable frequency drive sized for larger horsepower and full-load amps of low temperature hot water pump motors.
3. Work as described in RFP 009 and RFC 007, generally summarized below:
  - a. Provide new distribution section required to accommodate new loads.
  - b. Provide equipment pad for new distribution section.
  - c. Provide NEMA 3R rated enclosure on 500 switchboard.
4. Work as described in RFP 010, generally summarized below:
  - a. Increase roof elevation of Structure 390 to allow for installation of vent/bleed valve on top of 6-inch digested sludge pipe.
  - b. Install additional course of block and brick to achieve required elevation.
5. Work as described in COR 011, generally summarized below:
  - a. Design, furnish, and install additional vibrated stone columns at the Biosolids Drying Building to support the intermediate foundation based on increased slab loading requirements.
6. Work as described in COR 013, generally summarized below:
  - a. Update pump selection to include integral variable frequency drive to increase efficiency of control for hot water pumps.

7. Work as described as Lead Abatement, generally summarized below:

- a. Provide lead abatement services for lead-based paint containing items identified for removal in Structures 160, 190, and 330.

ATTACHMENTS:

RFP 005 – Site Security (Lighting & Fencing)  
 PCI #COR004 – RFP 005 – Additional Site Lighting and Fencing  
 RFP 007 – Revised Capacity for Pumps 500-P-4821 and -4822  
 Kish RFC006 – RFP007 – Upsize Pumps 500-P-4821 and -4822  
 RFP 009 – New Distribution Section for Existing 160-SWBD-1  
 PCI #COR015 – MCC Changes to 160 SWBD and 500 SWBD  
 RFP 010 – Structure 390 Elevation Change  
 PCI #COR014 – RFP 010 Structure 390 Elevation Change  
 PCI #COR 011 - Intermediate Foundations Additional Stone Columns  
 PCI #COR 013 – Add VFD’s to 390-CP-1 and CP-2  
 La Crosse Lead Abatement – Sanchez Bid Proposal

CHANGE IN CONTRACT PRICE
Original Contract Price: \$ <u>58,396,935.00</u>
Net increase (decrease) from previous Change Orders: \$ <u>290,586.60</u>
Net increase (decrease) of this Change Order: \$ <u>335,124.26</u>
Revised Contract Price: \$ <u>59,022,645.86</u>

CHANGE IN CONTRACT TIMES
Original Contract Times: <i>(days or dates)</i> Substantial Completion: <u>January 31, 2024</u> Ready for Final Payment: <u>April 20, 2024</u>
Net increase (decrease) from previous Change Orders: <i>(days)</i> Substantial Completion: <u>None</u> Ready for Final Payment: <u>None</u>
Net increase (decrease) of this Change Order: <i>(days)</i> Substantial Completion: <u>None</u> Ready for Final Payment: <u>None</u>
Revised Contract Times: <i>(days or dates)</i> Substantial Completion: <u>January 31, 2024</u> Ready for Final Payment: <u>April 20, 2024</u>

CONTRACTOR agrees that this Change Order includes any and all costs associated with or resulting from the change ordered herein, including all impacts, delays, and accelerated costs. Other than the dollar amount and time allowance listed above, there shall be no other dollar or time compensation as a result of this Change Order.

THIS DOCUMENT SHALL BECOME AN AMENDMENT TO THE CONTRACT AND ALL STIPULATIONS AND COVENANTS OF THE CONTRACT SHALL APPLY HERETO.

RECOMMENDED:

By: *Amber J. Mozall*  
ENGINEER *(signature)*

Date: 03/02/2022

APPROVED:

By: \_\_\_\_\_  
OWNER *(signature)*

Date: \_\_\_\_\_

ACCEPTED:

By: \_\_\_\_\_  
CONTRACTOR *(signature)*

Date: \_\_\_\_\_

## SPEED LETTER



3311 Weeden Creek Road | Sheboygan, WI 53081  
920.208.0296 | donohue-associates.com

DATE: 11/12/2021

TO: Mr. Nick Beil  
CD Smith Construction  
125 Camelot Drive  
Fond du Lac, WI 54935  
Phone: 715.897.2219

CONTRACT: City of La Crosse 2021 Wastewater  
Treatment Facility Upgrades

PROJECT NO: 13735

MESSAGE: **Request for Proposal 005: Site Security (Lighting & Fencing)**

Nick,

This Request for Proposal (RFP) is being prepared due to increased security risks at the WWTF. In order to provide site security for staff and Contractors, as well as maintain safety of the public, the following RFP has been created.

Please provide a detailed cost proposal to make the following changes to work in the project:

1. Provide temporary construction fencing south of the City of La Crosse School District Cold Weather Storage Building and north of Anaerobic Digester 2 and Liquid Biosolids Storage Tank 1. Temporary fencing shall encompass temporary waste gas burner location.
2. Replace temporary construction fencing with permanent fencing near the end of the project in accordance with attached revised drawings. Coordinate exact location with Engineer and Owner.
3. Modify asphalt limits north of the East Digester Building.
4. Modify natural gas and fire loop pipeline routes on the north side of East Digester Building to accommodate new fence and revised hydrant location.
5. Modify grading on the north side of East Digester Building to accommodate new asphalt limits.
6. Provide new pole mounted light fixtures in place of removed pole mounted light fixtures and also provide new pole mounted light fixtures in the new locations shown on attached drawings. All pole mounted light fixtures on project shall be equipped with photocell.
7. Provide new nameplate for existing lighting panel in structure 270 as shown on attached drawings.
8. Provide work in accordance with Contract Documents.

Please provide a detailed cost proposal for this work—including material costs, equipment costs, labor hours, cost of labor, markups, profit, and subcontractor costs (also broken down into material costs, equipment costs, labor hours, cost of labor, markups, and profit) and supporting vendor pricing information.

SPEED LETTER – RFP 005

11/12/21

Attachments: 002-CK-4, 002-CK-5, 002-CR-1, 002-CR-3, 002-CR-5, 002-CF-2, 002-CP-2, 002-CPP-3, 002-CG-2, 002-EN-1, 002-EN-2, 002-EN-3, 002-EN-5, 007-E-35, 270-EN-101 and 999-E-1.

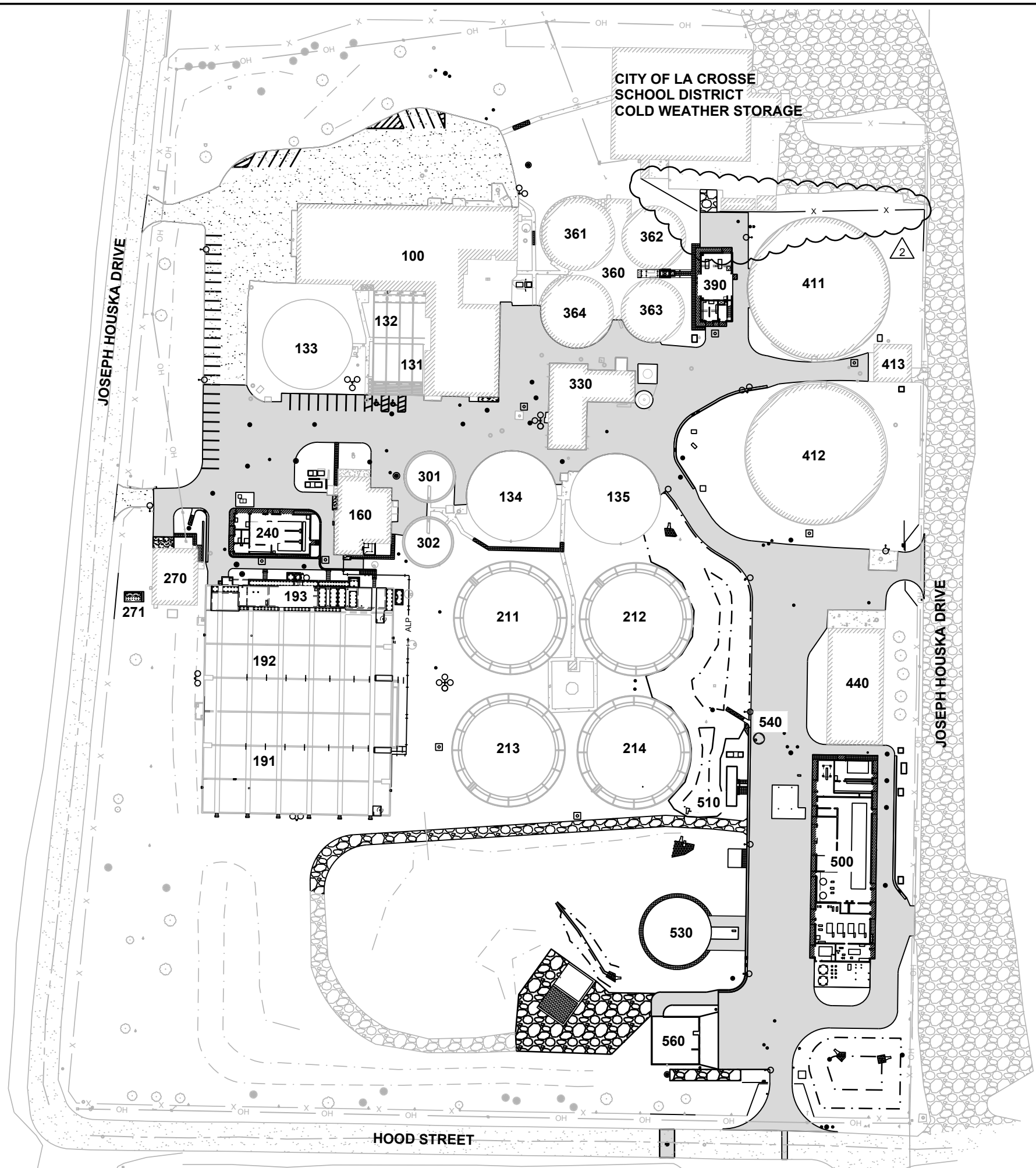
Please contact me if you have any questions in regard to this request for proposal.

Sincerely,

By:   
Amber J. Marzahl, P.E., Construction Contract Administrator

**STRUCTURE LIST**

- 100 PLANT 1**
- 130 PRIMARY CLARIFICATION**
  - 131 PRIMARY CLARIFIER 1
  - 132 PRIMARY CLARIFIER 2
  - 133 PRIMARY CLARIFIER 3
  - 134 PRIMARY CLARIFIER 4
  - 135 PRIMARY CLARIFIER 5
- 160 PLANT 2**
- 190 BIOLOGICAL TREATMENT**
  - 191 AERATION TANK 1
  - 192 AERATION TANK 2
  - 193 TERTIARY TREATMENT TANK
- 210 SECONDARY CLARIFICATION**
  - 211 SECONDARY CLARIFIER 1
  - 212 SECONDARY CLARIFIER 2
  - 213 SECONDARY CLARIFIER 3
  - 214 SECONDARY CLARIFIER 4
- 240 FILTRATION BUILDING**
- 270 DISINFECTION BUILDING**
- 271 EMERGENCY EFFLUENT ISOLATION VAULT**
- 300 GRAVITY THICKENING**
  - 301 GRAVITY THICKENER 1
  - 302 GRAVITY THICKENER 2
- 330 HIGH STRENGTH WASTE BUILDING**
- 360 WEST DIGESTER BUILDING**
  - 361 ANAEROBIC DIGESTER 1
  - 362 ANAEROBIC DIGESTER 2
  - 363 ANAEROBIC DIGESTER 3
  - 364 ANAEROBIC DIGESTER 4
- 390 EAST DIGESTER BUILDING**
- 410 LIQUID BIOSOLIDS STORAGE**
  - 411 LIQUID BIOSOLIDS STORAGE TANK 1
  - 412 LIQUID BIOSOLIDS STORAGE TANK 2
  - 413 LIQUID BIOSOLIDS PUMPING BUILDING
- 440 DEWATERED BIOSOLIDS STORAGE BUILDING**
- 470 WASTE GAS BURNER**
- 500 BIOSOLIDS DRYING BUILDING**
- 510 NITROGEN SYSTEM**
- 530 BIOGAS STORAGE MEMBRANE**
- 540 BIOGAS VAULT**
- 560 TRUCK LOAD-OUT STRUCTURE**



Revision Number	Revision Description	Checked By	Date
1	CONFORMED TO CONTRACT	JCH	04/05/21
2	RFP 005- SITE SECURITY FENCING	JCH	09/23/21

Designed By	BEG
Drawn By	BEG
Checked By	JCH
Approved By	E.JL
Filename	002CK1.DWG
Project No.	13655
Project Date	3/24/2021

**CITY OF LA CROSSE**  
**2021 WASTEWATER TREATMENT**  
**FACILITY UPGRADES**  
**LA CROSSE WISCONSIN**  
**SITE DEVELOPMENT**  
**KEY PLAN**

**STRUCTURE LIST**

- 100 PLANT 1**
- 130 PRIMARY CLARIFICATION**
  - 131 PRIMARY CLARIFIER 1
  - 132 PRIMARY CLARIFIER 2
  - 133 PRIMARY CLARIFIER 3
  - 134 PRIMARY CLARIFIER 4
  - 135 PRIMARY CLARIFIER 5
- 160 PLANT 2**
- 190 BIOLOGICAL TREATMENT**
  - 191 AERATION TANK 1
  - 192 AERATION TANK 2
  - 193 TERTIARY TREATMENT TANK
- 210 SECONDARY CLARIFICATION**
  - 211 SECONDARY CLARIFIER 1
  - 212 SECONDARY CLARIFIER 2
  - 213 SECONDARY CLARIFIER 3
  - 214 SECONDARY CLARIFIER 4
- 240 FILTRATION BUILDING**
- 270 DISINFECTION BUILDING**
- 271 EMERGENCY EFFLUENT ISOLATION VAULT**
- 300 GRAVITY THICKENING**
  - 301 GRAVITY THICKENER 1
  - 302 GRAVITY THICKENER 2
- 330 HIGH STRENGTH WASTE BUILDING**
- 360 WEST DIGESTER BUILDING**
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- 470 WASTE GAS BURNER**
- 500 BIOSOLIDS DRYING BUILDING**
- 510 NITROGEN SYSTEM**
- 530 BIOGAS STORAGE MEMBRANE**
- 540 BIOGAS VAULT**
- 560 TRUCK LOAD-OUT STRUCTURE**

HISTORIC MATERIAL  
SITE AND PREHISTORIC  
CAMPSITE/VILLAGE SITE  
LC-0317

FEMA 100-YR FLOOD  
BOUNDARY

100-YR FLOOD  
ELEVATION: 41.3

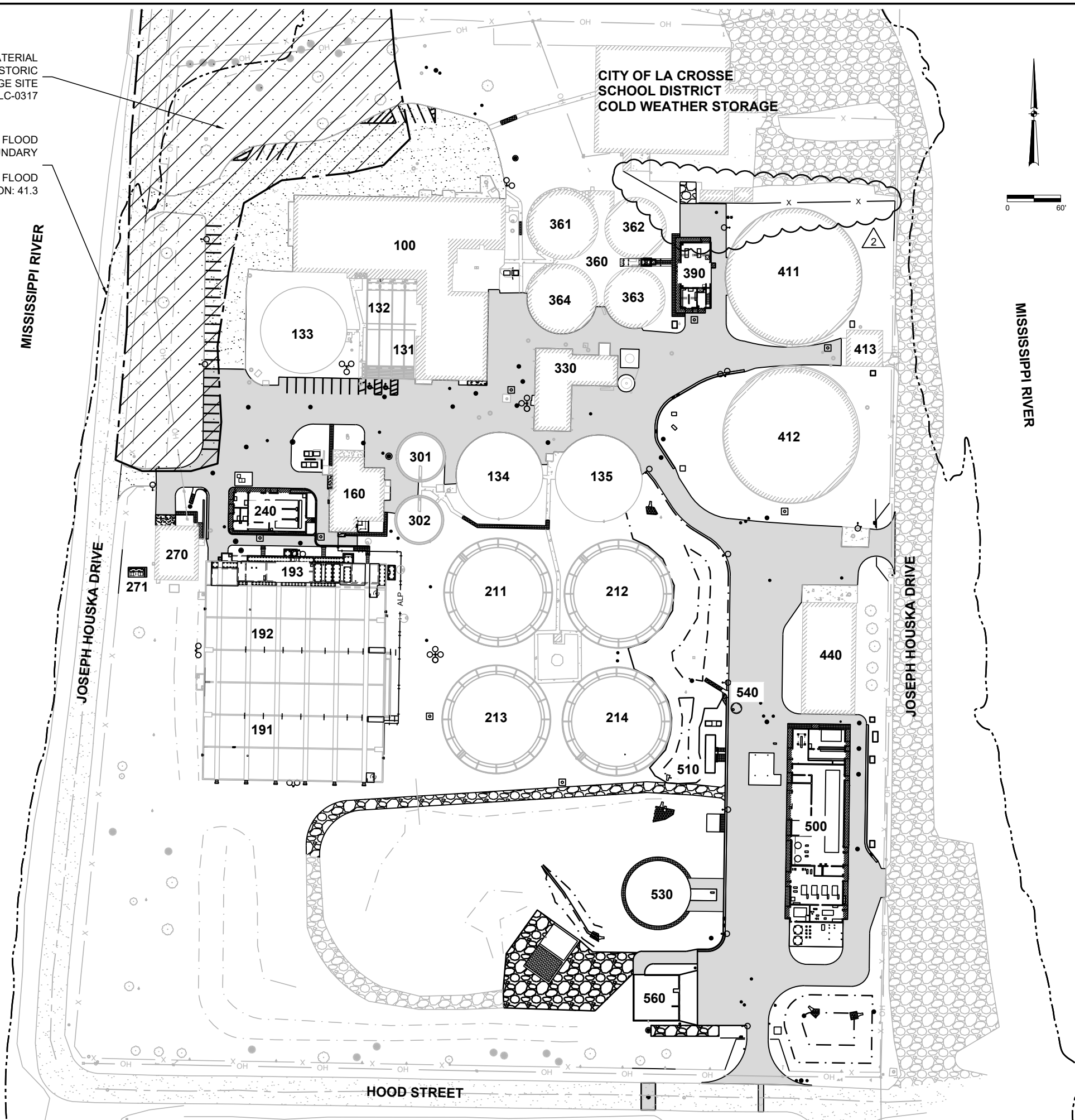
MISSISSIPPI RIVER

JOSEPH HOUSKA DRIVE

JOSEPH HOUSKA DRIVE

MISSISSIPPI RIVER

CITY OF LA CROSSE  
SCHOOL DISTRICT  
COLD WEATHER STORAGE



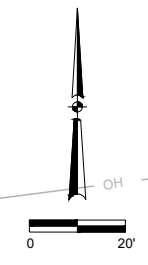
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2	RFP 005- SITE SECURITY FENCING	JCH	09/23/21

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CITY OF LA CROSSE  
2021 WASTEWATER TREATMENT  
FACILITY UPGRADES  
LA CROSSE WISCONSIN

SITE DEVELOPMENT  
100-YR FLOOD AND ARCHAEOLOGICAL ZONE EXTENTS



**PLAN NOTES:**

1. SAWCUT AND REMOVE SECTION OF SIDEWALK AS NECESSARY FOR WATER MAIN TRENCH. REMOVE FULL PANELS. APPROXIMATE REMOVAL LIMITS SHOWN. CONTRACTOR TO DETERMINE ACTUAL REMOVAL LIMITS REQUIRED FOR INSTALLATION OF WATER MAIN.
2. SAWCUT AND REMOVE SECTION OF SIDEWALK AS NECESSARY FOR INSTALLATION OF EQUIPMENT PAD. REMOVE FULL PANELS. APPROXIMATE REMOVAL LIMITS SHOWN. CONTRACTOR TO DETERMINE ACTUAL REMOVAL LIMITS REQUIRED FOR INSTALLATION OF EQUIPMENT PAD.
3. REMOVE EXISTING TRANSFORMER T3. PROTECT CONDUITS AND CONDUCTORS COMING INTO TRANSFORMER. PROTECT EQUIPMENT PAD.

4. REMOVE EXISTING LIGHT POLE AND POLE MOUNTED LIGHT FIXTURE. TURN OVER FIXTURE TO THE OWNER. REMOVE LIGHT POLE CONCRETE BASE. REMOVE CONDUCTORS TO SOURCE. PROTECT CONDUIT COMING INTO THE EXISTING FIXTURE FOR RE-TERMINATION ON NEW FIXTURE.

**LEGEND**

	REMOVE FULL DEPTH EXISTING ASPHALT PAVEMENT AND BASE		REMOVE EXISTING PIPE
	REMOVE FULL DEPTH EXISTING CONCRETE PAVEMENT OR SIDEWALK AND BASE		ABANDON EXISTING PIPE, SEE DETAIL C535
	REMOVE FULL DEPTH EXISTING GRAVEL PAVEMENT		SAWCUT PAVEMENT FULL DEPTH

**GENERAL NOTES:**

1. SEE DRAWING 002-CR-1 FOR ADDITIONAL GENERAL NOTES THAT APPLY TO THIS DRAWING.

MATCHLINE, SEE 002-CR-2 FOR CONTINUATION

Revision Number	Revision Description	Checked By	Date
1	CONFORMED TO CONTRACT	JCH	04/05/21
2	RFP 005	JAB	09/07/21

Designed By	BEG
Drawn By	BEG
Checked By	JCH
Approved By	EJL
Filename	002CR1.DWG
Project No.	13655
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**CITY OF LA CROSSE  
2021 WASTEWATER TREATMENT  
FACILITY UPGRADES  
LA CROSSE WISCONSIN  
SITE DEVELOPMENT  
REMOVAL PLAN**



Sheet No. 21  
Drawing No.

**002-CR-1**



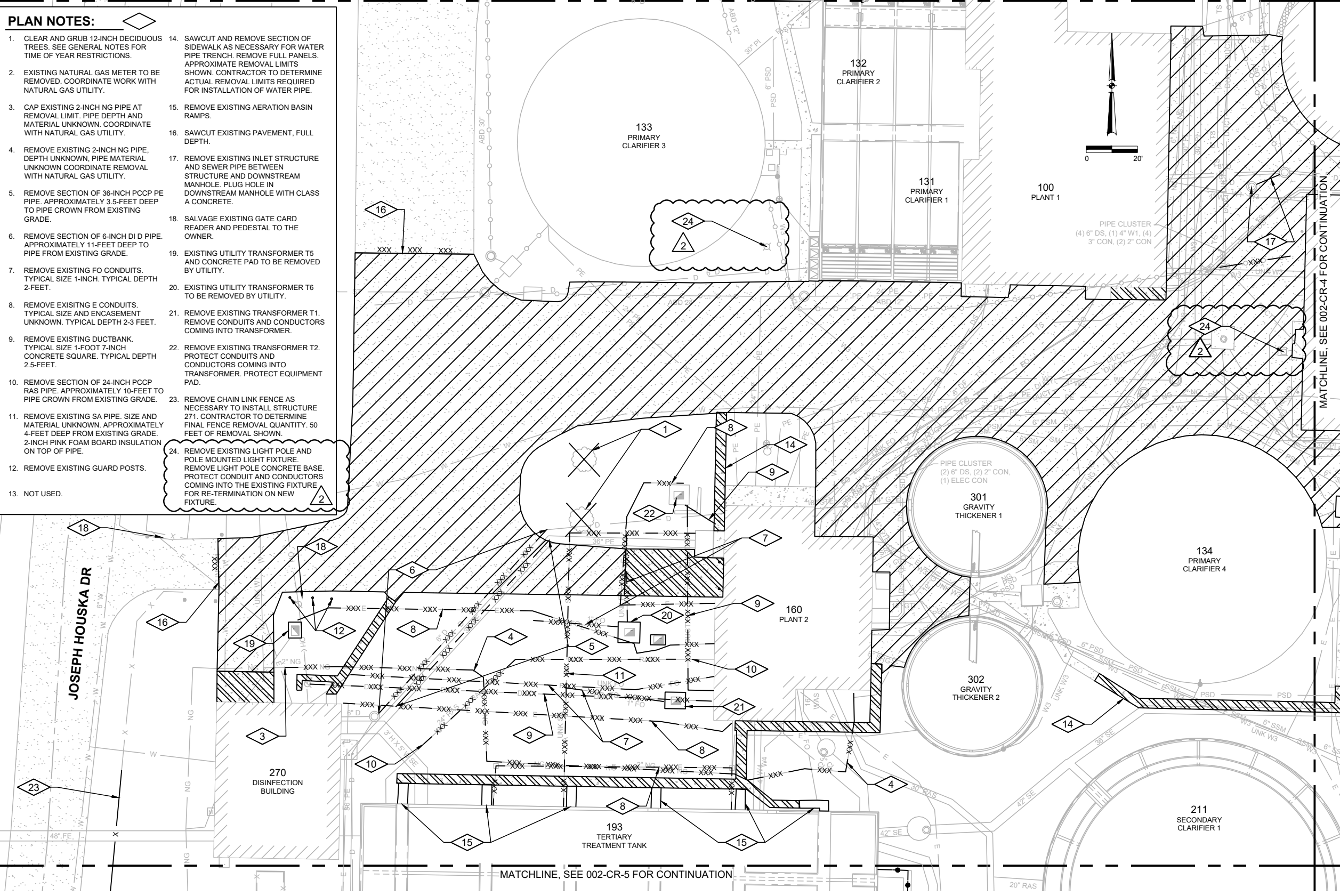
MATCHLINE, SEE 002-CR-1 FOR CONTINUATION

**PLAN NOTES:**

1. CLEAR AND GRUB 12-INCH DECIDUOUS TREES. SEE GENERAL NOTES FOR TIME OF YEAR RESTRICTIONS.
2. EXISTING NATURAL GAS METER TO BE REMOVED. COORDINATE WORK WITH NATURAL GAS UTILITY.
3. CAP EXISTING 2-INCH NG PIPE AT REMOVAL LIMIT. PIPE DEPTH AND MATERIAL UNKNOWN. COORDINATE WITH NATURAL GAS UTILITY.
4. REMOVE EXISTING 2-INCH NG PIPE. DEPTH UNKNOWN. PIPE MATERIAL UNKNOWN. COORDINATE REMOVAL WITH NATURAL GAS UTILITY.
5. REMOVE SECTION OF 36-INCH PCCP PE PIPE. APPROXIMATELY 3.5- FEET DEEP TO PIPE CROWN FROM EXISTING GRADE.
6. REMOVE SECTION OF 6-INCH DI D PIPE. APPROXIMATELY 11- FEET DEEP TO PIPE FROM EXISTING GRADE.
7. REMOVE EXISTING FO CONDUITS. TYPICAL SIZE 1-INCH. TYPICAL DEPTH 2- FEET.
8. REMOVE EXISTING E CONDUITS. TYPICAL SIZE AND ENCASEMENT UNKNOWN. TYPICAL DEPTH 2-3 FEET.
9. REMOVE EXISTING DUCTBANK. TYPICAL SIZE 1-FOOT 7-INCH CONCRETE SQUARE. TYPICAL DEPTH 2.5- FEET.
10. REMOVE SECTION OF 24-INCH PCCP RAS PIPE. APPROXIMATELY 10- FEET TO PIPE CROWN FROM EXISTING GRADE.
11. REMOVE EXISTING SA PIPE. SIZE AND MATERIAL UNKNOWN. APPROXIMATELY 4- FEET DEEP FROM EXISTING GRADE. 2-INCH PINK FOAM BOARD INSULATION ON TOP OF PIPE.
12. REMOVE EXISTING GUARD POSTS.
13. NOT USED.
14. SAWCUT AND REMOVE SECTION OF SIDEWALK AS NECESSARY FOR WATER PIPE TRENCH. REMOVE FULL PANELS. APPROXIMATE REMOVAL LIMITS SHOWN. CONTRACTOR TO DETERMINE ACTUAL REMOVAL LIMITS REQUIRED FOR INSTALLATION OF WATER PIPE.
15. REMOVE EXISTING AERATION BASIN RAMPS.
16. SAWCUT EXISTING PAVEMENT, FULL DEPTH.
17. REMOVE EXISTING INLET STRUCTURE AND SEWER PIPE BETWEEN STRUCTURE AND DOWNSTREAM MANHOLE. PLUG HOLE IN DOWNSTREAM MANHOLE WITH CLASS A CONCRETE.
18. SALVAGE EXISTING GATE CARD READER AND PEDESTAL TO THE OWNER.
19. EXISTING UTILITY TRANSFORMER T5 AND CONCRETE PAD TO BE REMOVED BY UTILITY.
20. EXISTING UTILITY TRANSFORMER T6 TO BE REMOVED BY UTILITY.
21. REMOVE EXISTING TRANSFORMER T1. REMOVE CONDUITS AND CONDUCTORS COMING INTO TRANSFORMER.
22. REMOVE EXISTING TRANSFORMER T2. PROTECT CONDUITS AND CONDUCTORS COMING INTO TRANSFORMER. PROTECT EQUIPMENT PAD.
23. REMOVE CHAIN LINK FENCE AS NECESSARY TO INSTALL STRUCTURE 271. CONTRACTOR TO DETERMINE FINAL FENCE REMOVAL QUANTITY. 50 FEET OF REMOVAL SHOWN.
24. REMOVE EXISTING LIGHT POLE AND POLE MOUNTED LIGHT FIXTURE. REMOVE LIGHT POLE CONCRETE BASE. PROTECT CONDUIT AND CONDUCTORS COMING INTO THE EXISTING FIXTURE FOR RE-TERMINATION ON NEW FIXTURE.

MISSISSIPPI RIVER

JOSEPH HOUSKA DR



MATCHLINE, SEE 002-CR-5 FOR CONTINUATION

MATCHLINE, SEE 002-CR-4 FOR CONTINUATION

**LEGEND**

- |  |   |  |  |
|--|---|--|--|
|  | REMOVE FULL DEPTH EXISTING ASPHALT PAVEMENT AND BASE              |  | REMOVE EXISTING PIPE                   |
|  | REMOVE FULL DEPTH EXISTING CONCRETE PAVEMENT OR SIDEWALK AND BASE |  | ABANDON EXISTING PIPE, SEE DETAIL C535 |
|  | REMOVE FULL DEPTH EXISTING GRAVEL PAVEMENT                        |  | SAWCUT PAVEMENT FULL DEPTH             |

**GENERAL NOTES:**

1. SEE DRAWING 002-CR-1 FOR ADDITIONAL GENERAL NOTES THAT APPLY TO THIS DRAWING.

Revision Number	Revision Description	Checked By	Date
1	CONFORMED TO CONTRACT	JCH	04/05/21
2	RFP 005	JAB	09/07/21

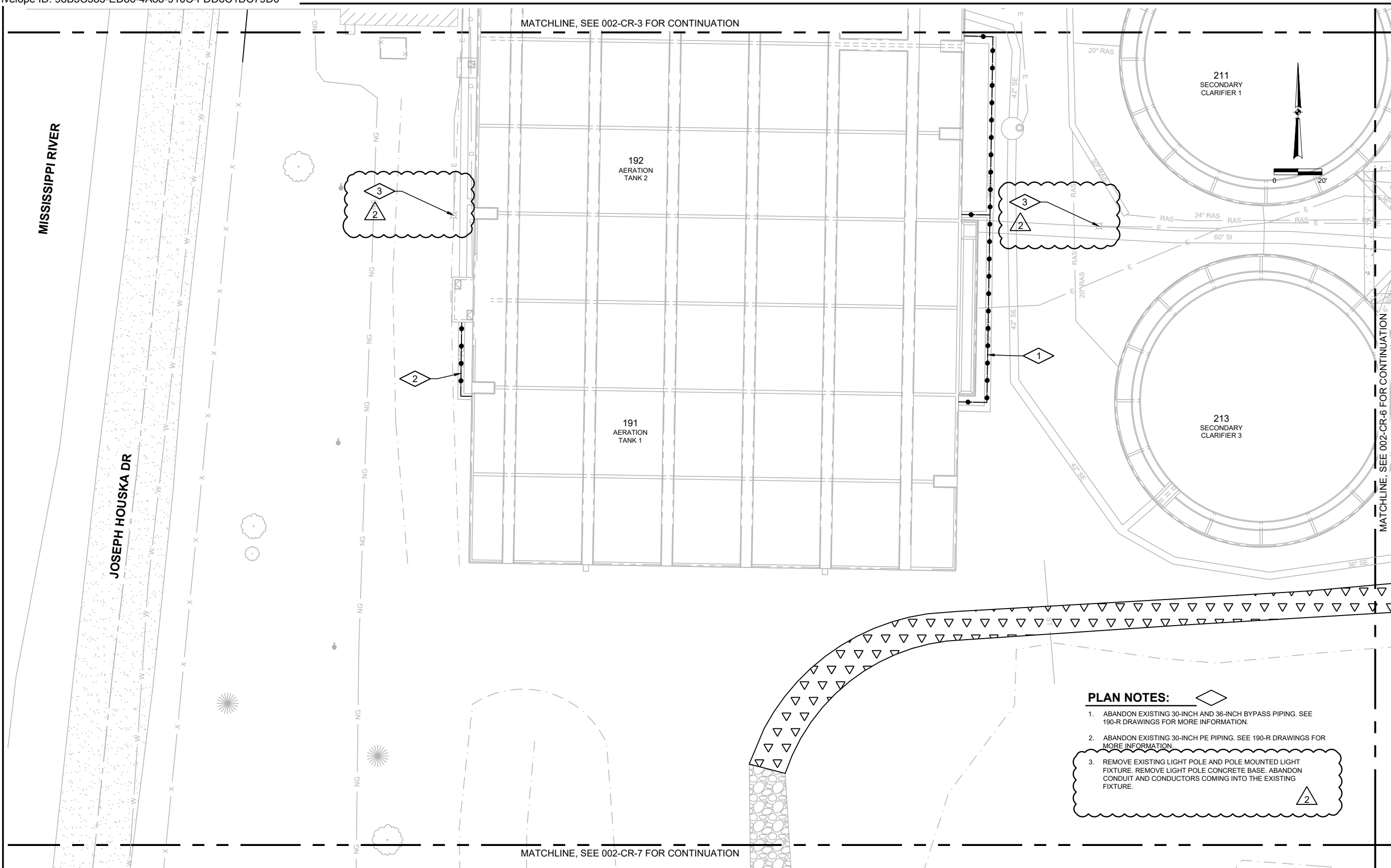
Designed By	BEG
Drawn By	BEG
Checked By	JCH
Approved By	EJL
Filename	002CR1.DWG
Project No.	13655
Project Date	3/24/2021

**CITY OF LA CROSSE**  
**2021 WASTEWATER TREATMENT**  
**FACILITY UPGRADES**  
**LA CROSSE WISCONSIN**  
**SITE DEVELOPMENT**  
**REMOVAL PLAN**



Sheet No. 23  
Drawing No.

002-CR-3



MISSISSIPPI RIVER

JOSEPH HOUSKA DR

MATCHLINE, SEE 002-CR-3 FOR CONTINUATION

MATCHLINE, SEE 002-CR-7 FOR CONTINUATION

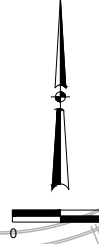
MATCHLINE, SEE 002-CR-6 FOR CONTINUATION

192  
AERATION  
TANK 2

191  
AERATION  
TANK 1

211  
SECONDARY  
CLARIFIER 1

213  
SECONDARY  
CLARIFIER 3



**PLAN NOTES:**

1. ABANDON EXISTING 30-INCH AND 36-INCH BYPASS PIPING. SEE 190-R DRAWINGS FOR MORE INFORMATION.
2. ABANDON EXISTING 30-INCH PE PIPING. SEE 190-R DRAWINGS FOR MORE INFORMATION.
3. REMOVE EXISTING LIGHT POLE AND POLE MOUNTED LIGHT FIXTURE. REMOVE LIGHT POLE CONCRETE BASE. ABANDON CONDUIT AND CONDUCTORS COMING INTO THE EXISTING FIXTURE.

2

**GENERAL NOTES:**

1. SEE DRAWING 002-CR-1 FOR ADDITIONAL GENERAL NOTES THAT APPLY TO THIS DRAWING.

**LEGEND**

	REMOVE FULL DEPTH EXISTING ASPHALT PAVEMENT AND BASE		REMOVE EXISTING PIPE
	REMOVE FULL DEPTH EXISTING CONCRETE PAVEMENT OR SIDEWALK AND BASE		ABANDON EXISTING PIPE, SEE DETAIL C535
	REMOVE FULL DEPTH EXISTING GRAVEL PAVEMENT		SAWCUT PAVEMENT FULL DEPTH

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2	RFP 005	JAB	09/07/21

Designed By	BEG
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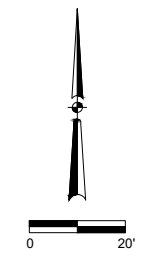
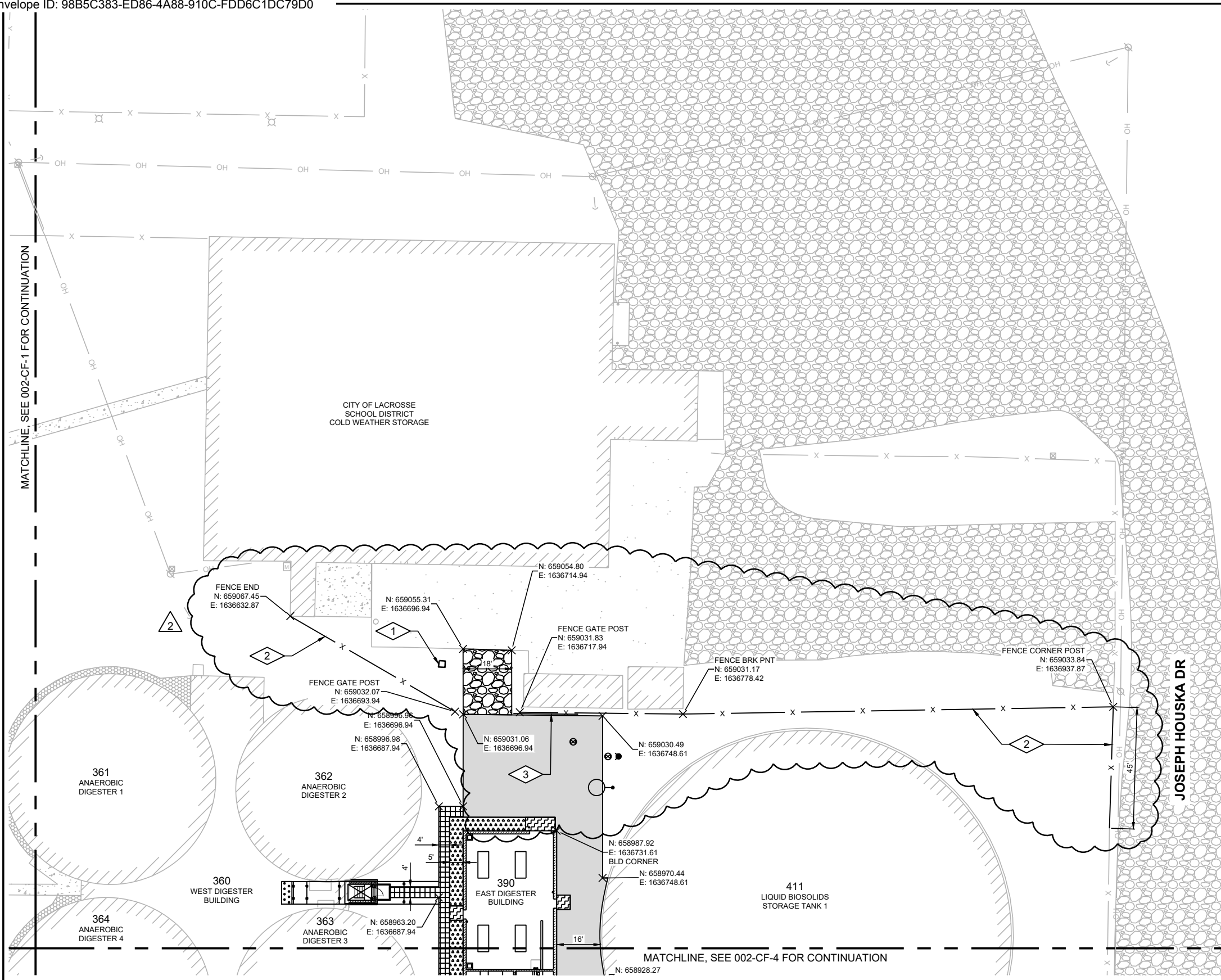
**CITY OF LA CROSSE  
2021 WASTEWATER TREATMENT  
FACILITY UPGRADES  
LA CROSSE WISCONSIN  
SITE DEVELOPMENT  
REMOVAL PLAN**



Sheet No. 25

Drawing No.

002-CR-5



- PLAN NOTES:**
- TEMPORARILY RELOCATED WASTE GAS BURNER. SEE DRAWING 002-CR-2 FOR MORE INFORMATION.
  - CHAIN LINK FENCE. SEE DETAILS C700 AND C703.
  - MANUAL SLIDE GATE, 24-FOOT OPENING WIDTH. GATE OPENS TO EAST. GATE LOCATED ON PLANT SIDE OF FENCE.

Revision Number	Revision Description	Drawn By	Checked By	Date
1	CONFORMED TO CONTRACT	BEG	JCH	04/05/21
2	RFP 005: SITE SECURITY FENCING	BEG	JCH	09/23/21

Designed By	BEG
Drawn By	BEG
Checked By	JCH
Approved By	E.JL
Filename	002CF1.DWG
Project No.	13655
Project Date	3/24/2021

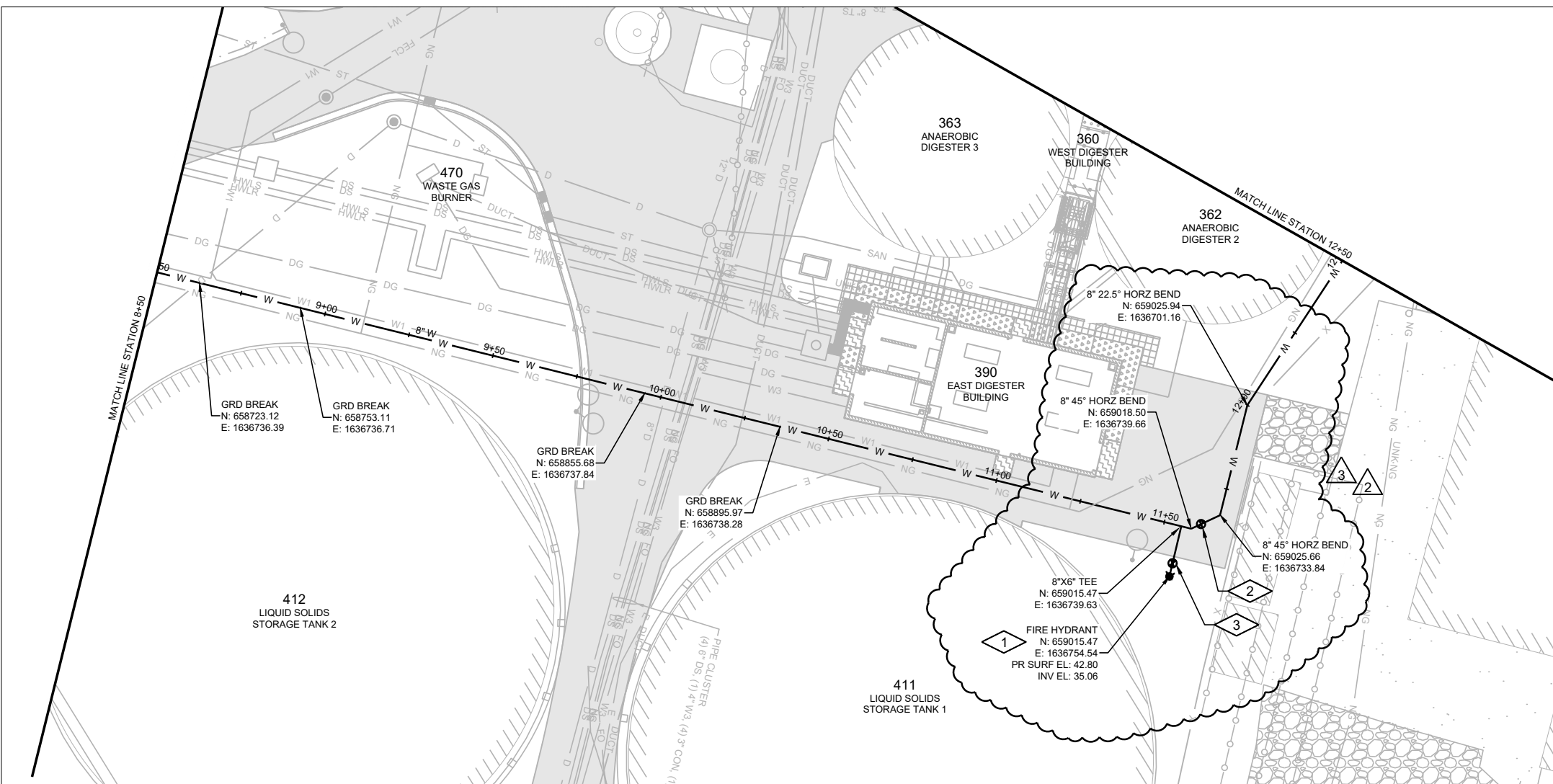
**CITY OF LA CROSSE  
2021 WASTEWATER TREATMENT  
FACILITY UPGRADES  
LA CROSSE WISCONSIN  
SITE DEVELOPMENT  
FACILITIES PLAN**

**LEGEND**

	NEW GRAVEL PAVEMENT, SEE DETAIL C114		CONCRETE APPROACH SLAB, SEE DETAIL C114		STRUCTURAL CONCRETE, SEE STRUCTURE "S" DRAWINGS FOR MORE INFORMATION
	NEW ASPHALT PAVEMENT AND BASE, SEE DETAIL C115 UNLESS NOTED OTHERWISE		LANDSCAPE STONE AND EDGING, INSTALL IN ACCORDANCE WITH SPECIFICATION SECTION 32 92 00		
	NEW CONCRETE SIDEWALK, SEE DETAIL C120 UNLESS NOTED OTHERWISE		RIPRAP AT STORM OUTFALL, SEE DETAIL C011		

- GENERAL NOTES:**
- SEE DRAWING 002-CFK-1 FOR ADDITIONAL GENERAL NOTES THAT APPLY TO THIS DRAWING.



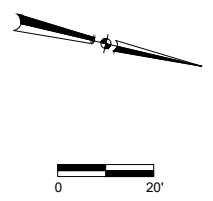
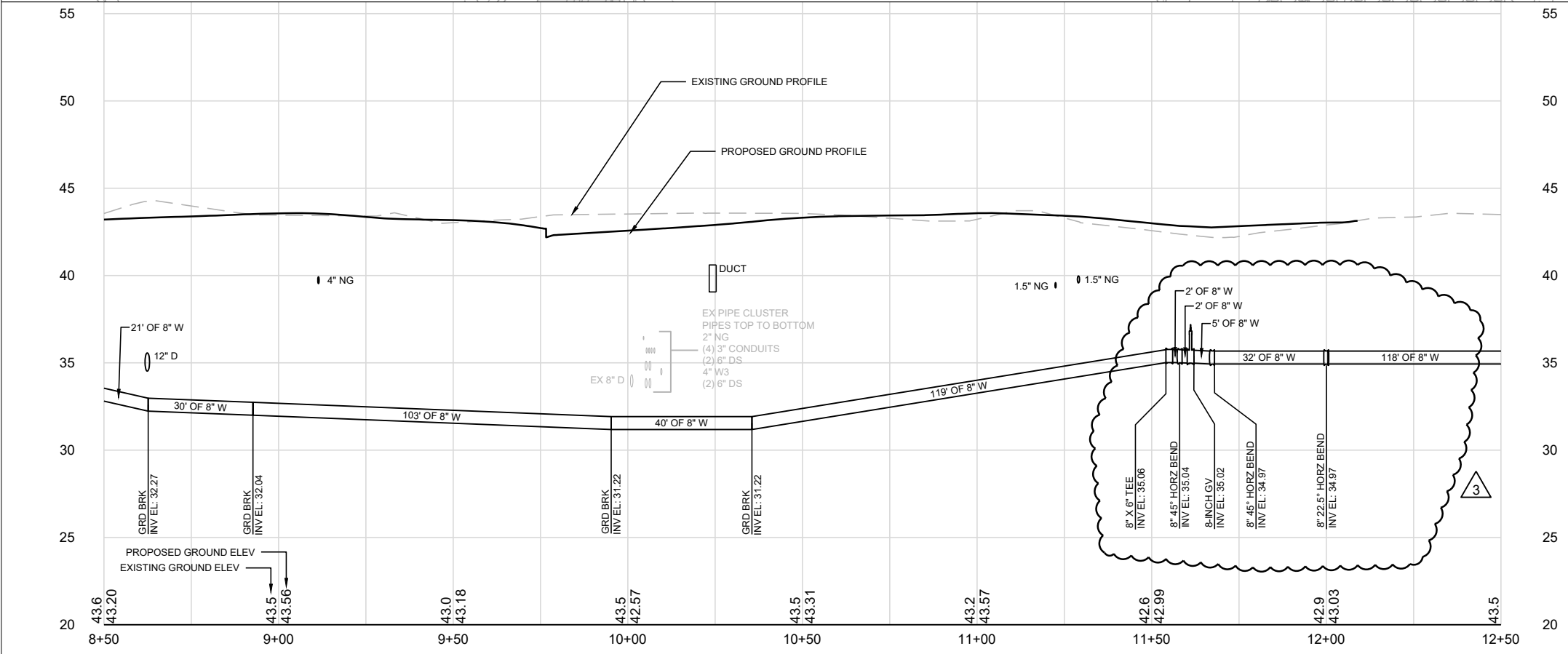


**GENERAL NOTES:**

- SEE DRAWING 002-CPGN-1 FOR ADDITIONAL GENERAL NOTES THAT APPLY TO THIS DRAWING.
- ALL EXISTING AND PROPOSED UTILITIES ARE SHOWN HALFTONE FOR CLARITY.
- ALL W PIPE MATERIAL TO BE DI-W. SEE PIPE MATERIAL TABLE IN SECTION 40 05 05.
- ALL W PIPE TO HAVE ELECTRICAL CONTINUITY CONNECTIONS IN ACCORDANCE WITH DETAIL C452

**PLAN NOTES:**

- FIRE HYDRANT AND HYDRANT LEAD. SEE DETAIL C475
- 8-INCH W GATE VALVE IN VALVE BOX. SEE DETAIL C405
- 6-INCH W GATE VALVE IN VALVE BOX. SEE DETAIL C405



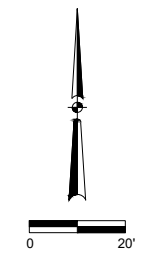
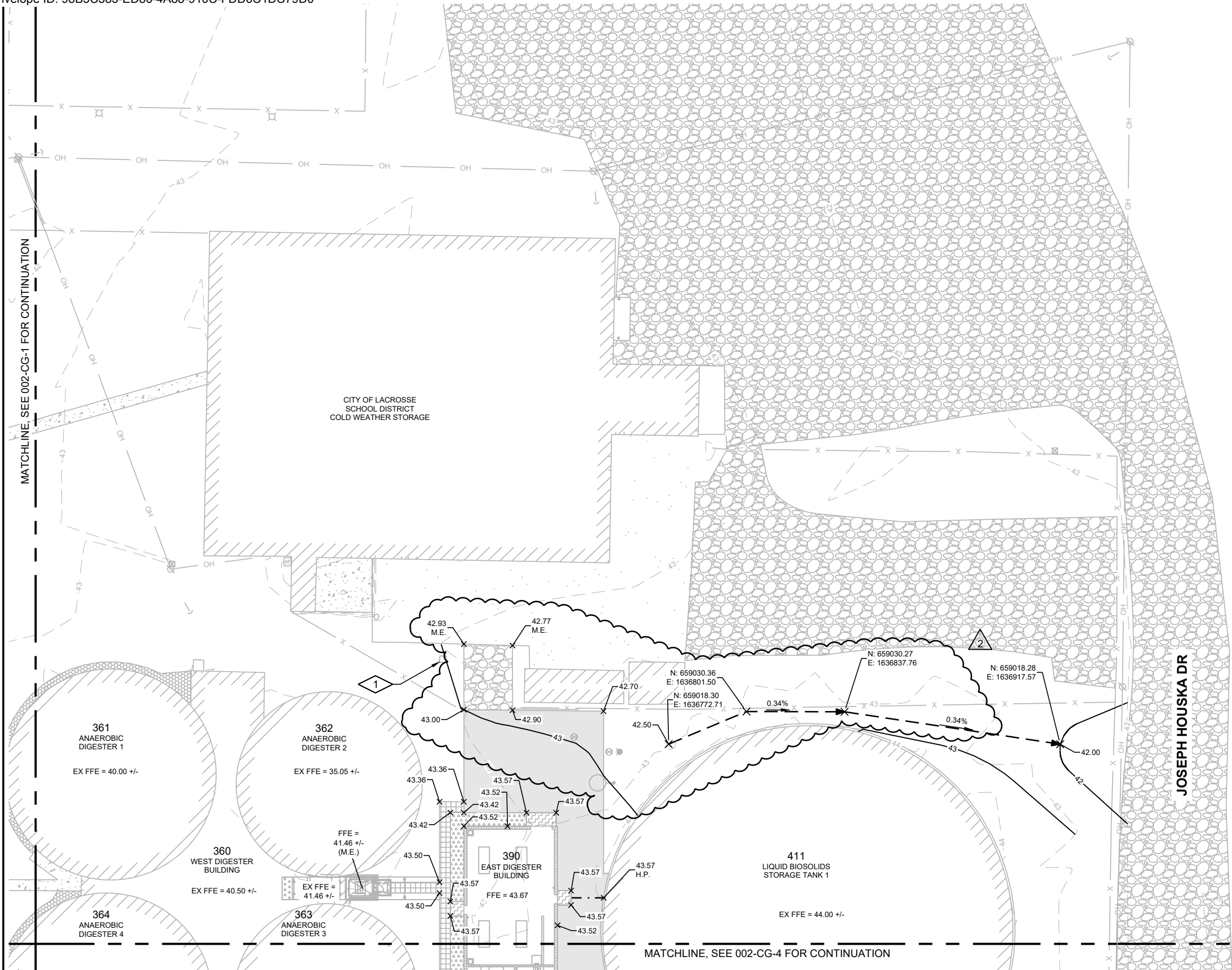
Revision Number	Revision Description	Checked By	Date
1	CONFORMED TO CONTRACT	JCH	04/05/21
2	RFP 3 - WATER CHECK VALVES AND STORM CURB INLETS	BEG	08/24/21
3	RFP 005 - SITE SECURITY FENCING	BEG	09/23/21

Designed By	BEG
Drawn By	BEG
Checked By	JCH
Approved By	E.JL
Filename	002CPP1.DWG
Project No.	13655
Project Date	3/24/2021

**CITY OF LA CROSSE  
2021 WASTEWATER TREATMENT  
FACILITY UPGRADES  
LA CROSSE WISCONSIN**

**SITE DEVELOPMENT  
FIRE PROTECTION LOOP PLAN AND PROFILE**



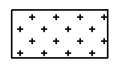
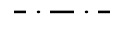


**PLAN NOTES:**

1. TEMPORARILY RELOCATED WASTE GAS BURNER. SEE DRAWING 002-CR-2 FOR MORE INFORMATION.

MATCHLINE, SEE 002-CG-1 FOR CONTINUATION

MATCHLINE, SEE 002-CG-4 FOR CONTINUATION

**LEGEND**

	CLASS I, TYPE B EROSION CONTROL MAT RESTORATION AREA. INSTALL IN ACCORDANCE WITH SPECIFICATION SECTION 32 92 00		GRADING REFERENCE LINE	H.P.	HIGH POINT
	BIOFILTER, SEE DETAIL C995		GRADING FLOW LINE	L.P.	LOW POINT
		M.E.	MATCH EXISTING		

**GENERAL NOTES:**

1. SEE DRAWING 002-CGK-1 FOR ADDITIONAL GENERAL NOTES THAT APPLY TO THIS DRAWING.

Revision Number	Revision Description	Drawn By	Checked By	Date
1	CONFORMED TO CONTRACT	BEG	JCH	04/05/21
2	RFPP 005: SITE SECURITY FENCING	BEG	JCH	09/23/21

Designed By	BEG
Drawn By	BEG
Checked By	JCH
Approved By	E.JL
Filename	002CG1.DWG
Project No.	13655
Project Date	3/24/2021

**CITY OF LA CROSSE  
 2021 WASTEWATER TREATMENT  
 FACILITY UPGRADES  
 LA CROSSE WISCONSIN  
 SITE DEVELOPMENT  
 GRADING PLAN**



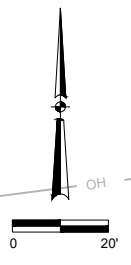
Sheet No. 82  
Drawing No.

**002-CG-2**

MISSISSIPPI RIVER

JOSEPH HOUSKA DR

100 PLANT 1



MATCHLINE, SEE 002-EN-2 FOR CONTINUATION

MATCHLINE, SEE 002-EN-3 FOR CONTINUATION

**GENERAL NOTES:**

1. CONTRACTOR TO FIELD VERIFY EXISTING CONDITIONS, DIMENSIONS, AND ELEVATIONS PRIOR TO CONSTRUCTION AND/OR FABRICATION.
2. SEE SPECIFICATION SECTION 01 11 10 FOR PROJECT SEQUENCES AND CONSTRAINTS.
3. ALL NEW AND EXISTING YARD PIPING IS SHOWN AS HALFTONE. SEE PIPING DRAWINGS FOR MORE DETAILS.

**PLAN NOTES:**

1. PROVIDE 2 - 4" DIRECT BURIED CONDUITS BETWEEN PAD MOUNT GEAR AND PAD MOUNT TRANSFORMER. INTERCEPT EXISTING PRIMARY CONDUIT ELBOW AND PROVIDE NEW FITTING.
2. LOCATE NEW TRANSFORMER IN PLACE OF THE REMOVED TRANSFORMER SUCH THAT EXISTING CONDUIT STUB UPS AND CONDUCTORS CAN BE RE-USED. PROVIDE NEW TERMINATIONS.
3. CONTRACTOR SHALL COORDINATE AVAILABLE LENGTH WITH TRANSFORMER MANUFACTURER AND ADJUST SECONDARY BUSHING HEIGHT AS REQUIRED. CONTRACTOR SHALL ALSO FIELD VERIFY CONDUCTOR LENGTH PRIOR TO SUBMITTING TRANSFORMER SUBMITTAL.
4. TRANSFORMER DOOR SHALL OPEN TO SOUTH. CONFIGURE TRANSFORMER SUCH THAT LOW VOLTAGE BUSHING ARE ON THE LEFT WHEN FACING THE FRONT OF THE TRANSFORMER. POSITION TRANSFORMER TO ALLOW RE-USE OF CONCRETE PAD AND SECONDARY CONDUIT STUB UPS. ORIENTATE BUSHING TO ALLOW RE-USE OF 480V CONDUCTORS.

5. ROUTE 2#3, 1#12 G. IN 2" DIRECT BURIED CONDUIT TO NEAREST FIXTURE AS SHOWN. SEE DETAIL (E650)
6. RE-TERMINATE EXISTING CONDUIT AND ROUTE NEW 2#3, 1#12 G CONDUCTORS FROM SOURCE TO NEW FIXTURE. CONTRACTOR SHALL LOCATE SOURCE IN STR. 100.
7. ROUTE 2#3, 1#12 G. IN 2" DIRECT BURIED CONDUIT AND TO NEAREST FIXTURE AS SHOWN. SEE DETAIL (E650)
8. PROVIDE SPARE 1" DIRECT BURIED CONDUIT ALONG THE POWER CONDUIT ROUTE FOR FUTURE COMMUNICATIONS WIRING. SEE DETAIL (E650). STUB UP CONDUIT AND CAP.
9. PROVIDE RECEPTACLE INTEGRAL TO LIGHT POLE.

CONCRETE EQUIPMENT PAD AT 100-PMG-3 SEE (S346)

100-PMG-3

100-PMT-5

NEW CONCRETE EQUIPMENT PAD BETWEEN NEW CONC CURB AND EXISTING CONC PAD. SEE (S346). EXTEND NEW PAD TO OUTSIDE EDGE OF CURB. TYPICAL ELEVATION TO MATCH EXISTING PAD. DRILL AND GROUT #4@12" INTO EXISTING PAD. SEE (S385)

8" W X 16" H CONC CURB AROUND ELECTRICAL EQUIP. TO EXTENTS NOTED. DOWEL INTO NEW PAD. SEE (S325)

Revision Number	Revision Description	Checked By	Date
1	CONFORMED TO CONTRACT	MBS	04/05/21
2	RFP 005	JAB	09/07/21

Designed By	AF
Drawn By	AF
Checked By	MBS
Approved By	EJL
Filename	002EN1.DWG
Project No.	13655
Project Date	3/24/2021

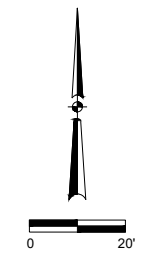
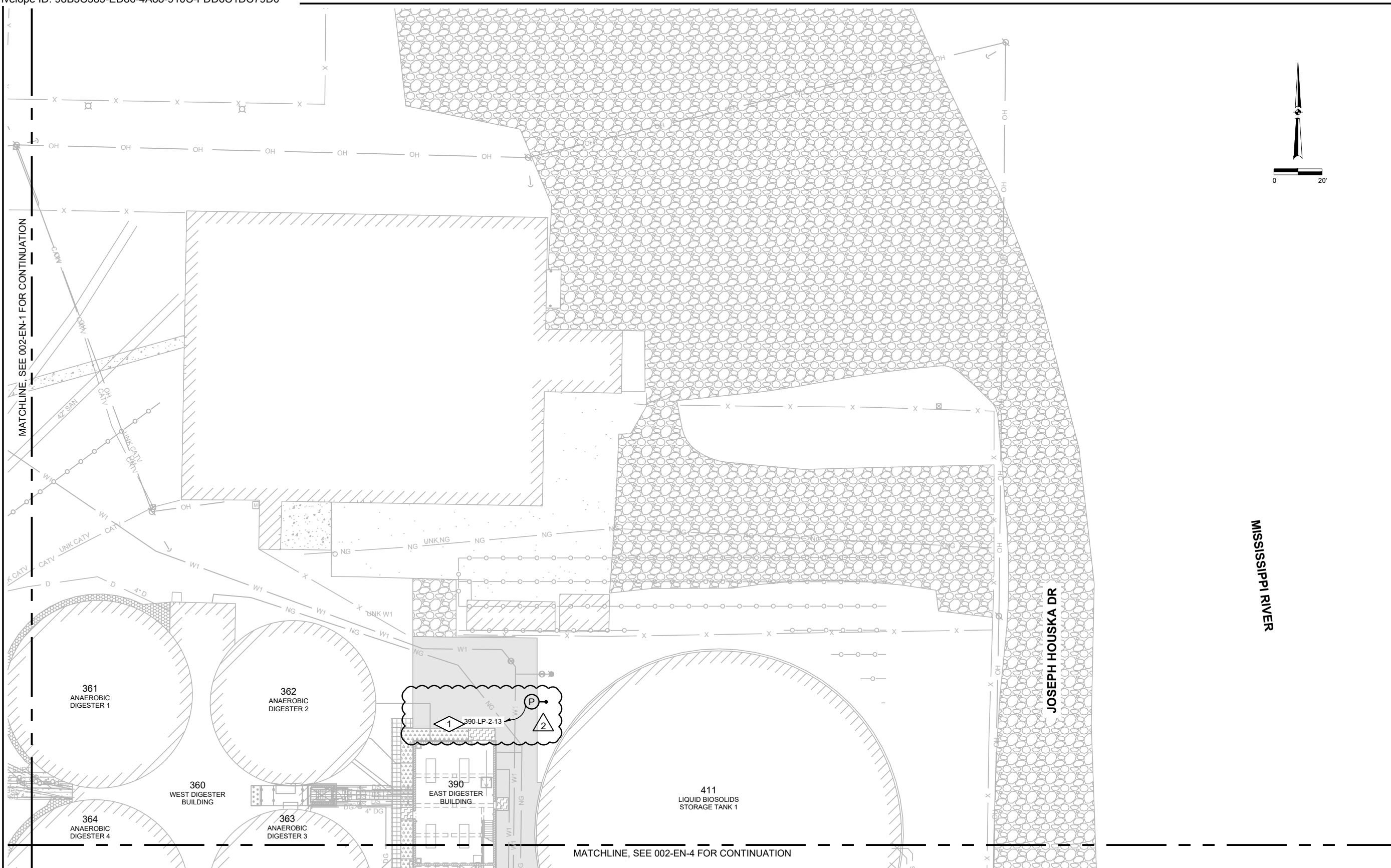
CITY OF LA CROSSE  
 2021 WASTEWATER TREATMENT  
 FACILITY UPGRADES  
 LA CROSSE WISCONSIN  
 SITE DEVELOPMENT  
 ELECTRICAL PLAN



Sheet No. 91

Drawing No.


002-EN-1



MATCHLINE, SEE 002-EN-1 FOR CONTINUATION

MATCHLINE, SEE 002-EN-4 FOR CONTINUATION

- GENERAL NOTES:**
- CONTRACTOR TO FIELD VERIFY EXISTING CONDITIONS, DIMENSIONS, AND ELEVATIONS PRIOR TO CONSTRUCTION AND/OR FABRICATION.
  - SEE SPECIFICATION SECTION 01 11 10 FOR PROJECT SEQUENCES AND CONSTRAINTS.
  - ALL NEW AND EXISTING YARD PIPING IS SHOWN AS HALFTONE. SEE PIPING DRAWINGS FOR MORE DETAILS.

- PLAN NOTES:**
- ROUTE 1" DIRECT BURIED CONDUIT TO SOURCE. SEE DETAIL 

Revision Number	Revision Description	Checked By	Date
1	CONFORMED TO CONTRACT	MBS	04/05/21
2	RFP 005	JAB	09/07/21

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Filename	002EN1.DWG
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Project Date	3/24/2021

**CITY OF LA CROSSE**  
**2021 WASTEWATER TREATMENT**  
**FACILITY UPGRADES**  
**LA CROSSE WISCONSIN**  
**SITE DEVELOPMENT**  
**ELECTRICAL PLAN**



Sheet No. 92  
 Drawing No.

002-EN-2

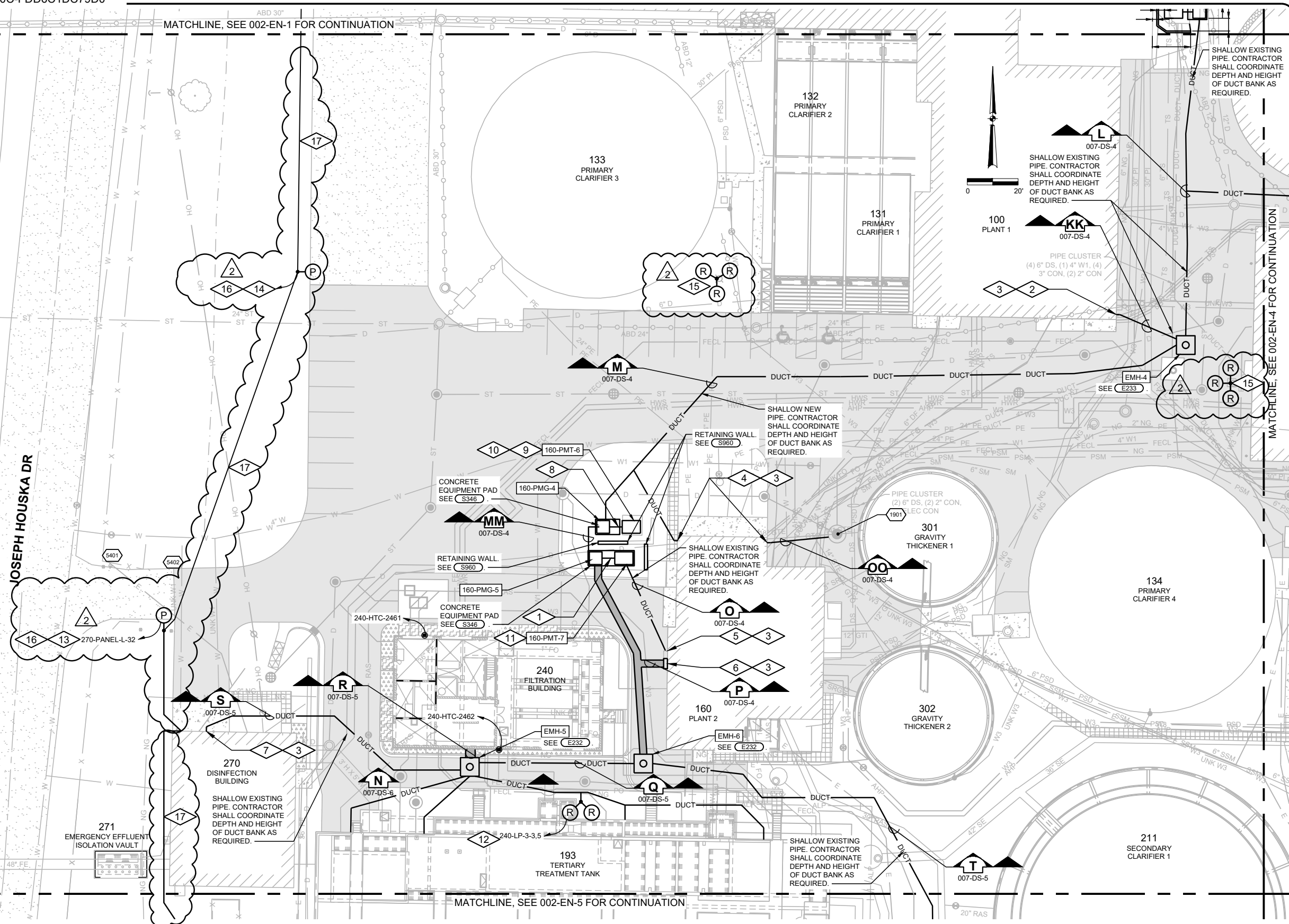


**GENERAL NOTES:**

- CONTRACTOR TO FIELD VERIFY EXISTING CONDITIONS, DIMENSIONS, AND ELEVATIONS PRIOR TO CONSTRUCTION AND/OR FABRICATION.
- SEE SPECIFICATION SECTION 01 11 10 FOR PROJECT SEQUENCES AND CONSTRAINTS.
- ALL NEW AND EXISTING YARD PIPING IS SHOWN AS HALFTONE. SEE PIPING DRAWINGS FOR MORE DETAILS.

**PLAN NOTES:**

- ROUTE 2#3, 1#12 G. IN 2" DIRECT BURIED CONDUIT TO NEAREST FIXTURE AS SHOWN. SEE DETAIL (E650).
- RE-TERMINATE EXISTING CONDUIT AND CONDUCTORS ON THE NEW FIXTURE. SPLICE AND EXTEND CONDUIT AND CONDUCTORS AS REQUIRED.
- PROVIDE RECEPTACLE INTEGRAL TO LIGHT POLE.
- PROVIDE SPARE 1" DIRECT BURIED CONDUIT ALONG THE POWER CONDUIT ROUTE FOR FUTURE COMMUNICATIONS WIRING. SEE DETAIL (E650). STUB UP CONDUIT AND CAP.



**PLAN NOTES:**

- ROUTE DIRECT BURIED CONDUIT BETWEEN PAD MOUNT TRANSFORMER AND PAD MOUNT GEAR. SEE DETAIL (E600).
- CORE DRILL BELOW GRADE TUNNEL WALL FOR CONDUIT ENTRY. SEE DETAIL (E200).
- TIE NEW DUCT BANK INTO EXISTING STRUCTURE. SEE DETAIL (E700).
- CORE DRILL BASEMENT WALL BELOW GRADE FOR CONDUIT ENTRY. SEE DETAIL (E200).
- INTERCEPT EXISTING ELBOWS BELOW GRADE. RE-USE EXISTING JUNCTION BOX AND CONDUITS STUBBING UP INTO THE JUNCTION BOX FOR ROUTING NEW POWER CONDUCTORS FROM 160-PMT-7 TO EXISTING 160-SWBVD-1.
- PROVIDE NEW JUNCTION BOX FOR CONDUITS AND CONDUCTORS FROM DUCT BANK "P". ROUTE CONDUITS UP ALONG THE EXTERIOR WALL AND STUB CONDUITS INTO THE NEW JUNCTION BOX.
- INTERCEPT EXISTING ELBOW AND CONDUIT BELOW GRADE OUTSIDE THE STRUCTURE.
- PROVIDE 2 - 4" DIRECT BURIED CONDUITS BETWEEN PAD MOUNT GEAR AND PAD MOUNT TRANSFORMER. INTERCEPT EXISTING PRIMARY CONDUIT ELBOW AND PROVIDE NEW FITTING.
- LOCATE NEW TRANSFORMER IN PLACE OF THE REMOVED TRANSFORMER SUCH THAT EXISTING CONDUIT STUB UPS AND CONDUCTORS CAN BE RE-USED. PROVIDE NEW TERMINATIONS.
- CONTRACTOR SHALL COORDINATE AVAILABLE LENGTH WITH TRANSFORMER MANUFACTURER AND ADJUST SECONDARY BUSHING HEIGHT AS REQUIRED. CONTRACTOR SHALL ALSO FIELD VERIFY CONDUCTOR LENGTH PRIOR TO SUBMITTING TRANSFORMER SUBMITTAL.
- MATCH CLEARANCE FROM WALLS WITH EXISTING TRANSFORMER PAD.
- ROUTE 1" DIRECT BURIED CONDUIT TO DUCT BANK. SEE DETAIL (E650). THEN ROUTE CONDUIT VIA DUCT BANK TO SOURCE.
- ROUTE 2#3, 1#12 IN 2" DIRECT BURIED CONDUIT TO STR. 270. SEE DETAIL (E650). ROUTE CONDUIT UP ALONG THE WALL OF STRUCTURE 270 AND USE EXISTING CONDUIT PENETRATION AT EXISTING DISCONNECT.

ID	TAG NAME	DESCRIPTION	DETAIL	WIRING	DESTINATION	ID	COMMENT
1901	160-LSH-1901	BALL FLOAT SWITCH	N270	(2) #14	RTU-7	0699	VIA JBOX ON 160
5401	002-RDR-5401	UPASS READER	N/A	(1) 6C-S	RTU-8	0008	
5402	002-RDR-5402	UPASS READER	N/A	(1) 6C-S	RTU-8	0008	

Revision Number	Revision Description	Checked By	Date
1	CONFORMED TO CONTRACT	MBS	04/05/21
2	RFP 005	JAB	09/07/21

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Drawn By	AF
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Approved By	EJL
Filename	002EN1.DWG
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Project Date	3/24/2021

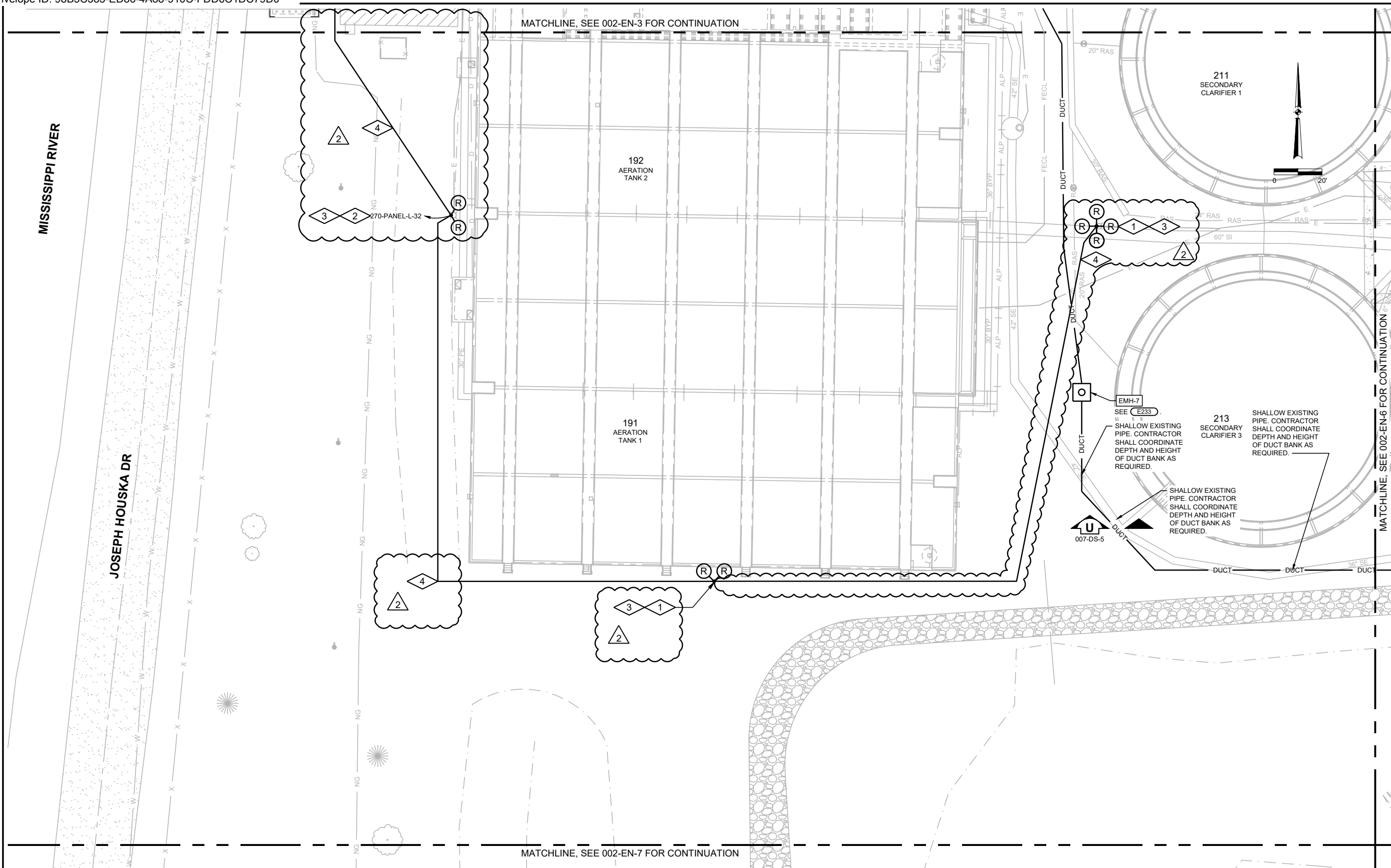
**CITY OF LA CROSSE  
2021 WASTEWATER TREATMENT  
FACILITY UPGRADES  
LA CROSSE WISCONSIN  
SITE DEVELOPMENT  
ELECTRICAL PLAN**



Sheet No. 93

Drawing No.

002-EN-3



**GENERAL NOTES:**

1. CONTRACTOR TO FIELD VERIFY EXISTING CONDITIONS, DIMENSIONS, AND ELEVATIONS PRIOR TO CONSTRUCTION AND/OR FABRICATION.
2. SEE SPECIFICATION SECTION 01 11 10 FOR PROJECT SEQUENCES AND CONSTRAINTS.
3. ALL NEW AND EXISTING YARD PIPING IS SHOWN AS HALFTONE. SEE PIPING DRAWINGS FOR MORE DETAILS.

**PLAN NOTES:**

1. ROUTE 2 #2/0, 1#12 GRD. IN 2" DIRECT BURIED CONDUIT TO NEAREST FIXTURE AS SHOWN. CONTRACTOR SHALL RESTORE ANY DISRUPTED LINES. SEE DETAIL (E650) FOR DIRECT BURIED CONDUIT.
2. ROUTE #2/0, 1#12 GRD. IN 2" DIRECT BURIED CONDUIT TO STRUCTURE 270. SEE DETAIL (E650). ROUTE CONDUIT UP ALONG THE WALL OF STRUCTURE 270 AND USE EXISTING CONDUIT PENETRATION AT EXISTING DISCONNECT FOR ENTRY.
3. PROVIDE RECEPTACLE INTEGRAL TO LIGHT POLE.
4. PROVIDE SPARE 1" DIRECT BURIED CONDUIT ALONG THE POWER CONDUIT ROUTE FOR FUTURE COMMUNICATIONS WIRING. SEE DETAIL (E650). STUB UP CONDUIT AND CAP.

Revision Number	Revision Description	Checked By	Date
1	CONFORMED TO CONTRACT	MBS	04/05/21
2	RFP 005	JAB	09/07/21

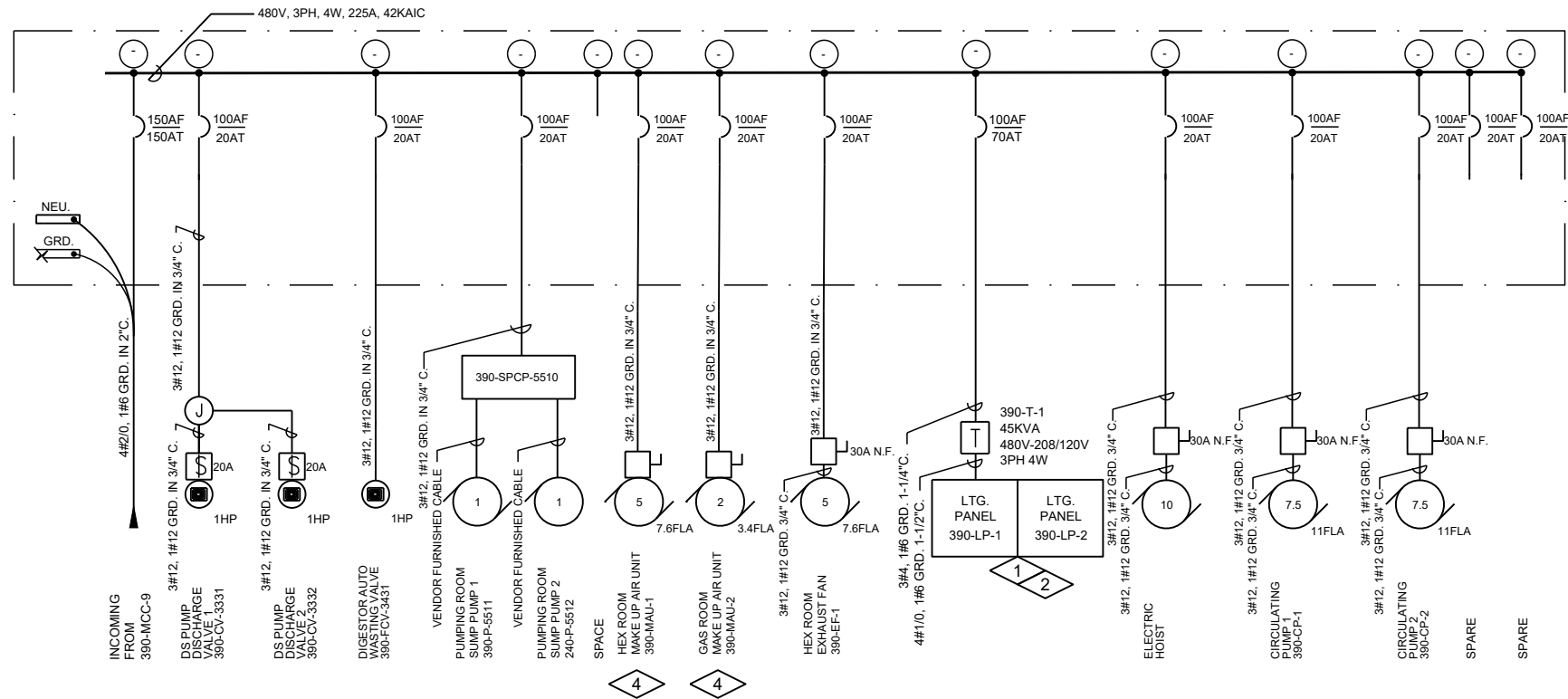
Designed By	AF
Drawn By	AF
Checked By	MBS
Approved By	EJL
Filename	002EN1.DWG
Project No.	13655
Project Date	3/24/2021

**CITY OF LA CROSSE**  
**2021 WASTEWATER TREATMENT**  
**FACILITY UPGRADES**  
**LA CROSSE WISCONSIN**  
**SITE DEVELOPMENT**  
**ELECTRICAL PLAN**



Sheet No. 95  
Drawing No.

002-EN-5



**390-PP-1  
ONE-LINE DIAGRAM  
390 EAST DIGESTER BUILDING**  
NTS

SURFACE MOUNTED NEMA 1		PANEL SCHEDULE		100A MAIN BREAKER				
480 V, 3 PHASE, 4 WIRE		390-PP-1		225A MAIN BUS				
RATING 42000A.I.C.				100A GRD. BUS				
CKT. NO.	TRIP/P	DESCRIPTION	PHASE			DESCRIPTION	TRIP/P	CKT. NO.
			A	B	C			
1								2
3	20/3	DS PUMP DISCHARGE VALVE 1 390-CV-3331				DIGESTER AUTO WASTING VALVE 390-FCV-3431	20/3	4
5		DS PUMP DISCHARGE VALVE 2 390-CV-3332						6
7								8
9	20/3	390-SPCP-5510				SPACE	-	10
11								12
13								14
15	20/3	HEX ROOM MAKE UP AIR UNIT 390-MAU-1				GAS ROOM MAKE UP AIR UNIT 390-MAU-2	20/3	16
17								18
19								20
21	20/3	HEX ROOM EXHAUST FAN 390-EF-1				390-LP-1 & 390-LP-2	70/3	22
23								24
25						390-HTC-3420 HEAT TRACE CONTROLLER	20/1	26
27	20/3	ELECTRIC HOIST				SPACE	-	28
29								30
31								32
33	20/3	CIRCULATING PUMP 1 390-CP-1				CIRCULATING PUMP 2 390-CP-2	20/3	34
35								36
37								38
39	20/3	SPARE				SPARE	20/3	40
41								42
TOTALS:			-	-	-	-	-	-

**GENERAL NOTES:**

- CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS, DIMENSIONS, AND ELEVATIONS PRIOR TO CONSTRUCTION AND/OR FABRICATION.
- SEE SPECIFICATION SECTION 01110 FOR PROJECT SEQUENCES AND CONSTRAINTS.
- EQUIPMENT SHOWN AS FULL TONE IS NEW.
- WIRING BETWEEN OVERHEAD DOOR OPERATOR AND CONTROL UNIT SHALL BE PROVIDED UNDER DIV. 26.

**PLAN NOTES:**

- PROVIDE A DOUBLE TUB LIGHTING PANEL.
- PROVIDE FEED THROUGH LUGS FOR THE SECOND TUB 390-LP-2.
- MOUNT SPD SUCH THAT THE LENGTH OF THE HPI CABLE DOES NOT EXCEED 10'-0".
- DISCONNECT INTEGRAL TO UNIT.
- CIRCUIT BREAKER FEEDING EXISTING RELOCATED VALVE ACTUATORS.

SURFACE MOUNTED NEMA 1		PANEL SCHEDULE		150A MAIN BREAKER				
120 / 208 V, 3 PHASE, 4 WIRE		390-LP-1		225A MAIN BUS				
RATING 22000A.I.C.				100A GRD. BUS				
CKT. NO.	TRIP/P	DESCRIPTION	PHASE			DESCRIPTION	TRIP/P	CKT. NO.
			A	B	C			
1	20/1	DF FEED VALVE 1 390-CV-3011 (EMV 6)				390-FE/FIT-3441	20/1	2
3	20/1	DF FEED VALVE 2 390-CV-3112 (EMV 7)				B102-PUMPING ROOM LIGHTS	20/1	4
5	20/1	DF FEED VALVE 3 390-CV-3113 (EMV 5)				B102-PUMPING ROOM NORTH WALL RECPT.	20/1	6
7	20/1	DF FEED VALVE 4 390-CV-3014 (EMV 8)				B102-PUMPING ROOM WEST COLUMN RECPT.	20/1	8
9	20/1	GAS ROOM EXHAUST FAN 390-EF-2				B102-PUMPING ROOM EAST COLUMN RECPT.	20/1	10
11	20/2	ELEC. ROOM CONDENSING UNIT 390-ACCU-1				B102-PUMPING ROOM SOUTH RECPT.	20/1	12
13						B101-BIOGAS ROOM LIGHTS	20/1	14
15	20/1	PUMP ROOM UNIT HEATER 1 390-HUH-1				B101-BIOGAS ROOM RECPT.	20/1	16
17	20/1	PUMP ROOM UNIT HEATER 2 390-HUH-2				103-HEAT EXCHANGER ROOM LIGHTS	20/1	18
19	20/1	HEX ROOM UNIT HEATER 1 390-HUH-3				103-HEAT EXCHANGER ROOM NORTH WALL RECPT.	20/1	20
21	20/1	HEX ROOM UNIT HEATER 2 390-HUH-4				103-HEAT EXCHANGER ROOM WEST WALL RECPT.	20/1	22
23	20/1	HEX ROOM UNIT HEATER 3 390-HUH-5				103-HEAT EXCHANGER ROOM EAST WALL RECPT.	20/1	24
25	20/2	SPARE				103-HEAT EXCHANGER ROOM SOUTH WALL RECPT.	20/1	26
27						101-BIOGAS ROOM LIGHTS	20/1	28
29	20/1	ELEC. ROOM UNIT HEATER 390-HUH-6				101-BIOGAS ROOM RECPT.	20/1	30
31	20/1	BIOGAS ROOM UNIT HEATER 390-HUH-7				102-ELECTRICAL ROOM LIGHTS	20/1	32
33	20/1	390-TCP-5581 TEMP. CONTROL PANEL				102-ELECTRICAL ROOM RECPT.	20/1	34
35	20/1	390-PLC-1				OUTSIDE EAST RECPT.	20/1	36
37	20/1	390-FIT-3122						38
39	20/1	390-FIT-3123				390-SPD-2	60/3	40
41	20/1	390-FIT-3321						42
TOTALS:			-	-	-	-	-	-

SURFACE MOUNTED NEMA 1		PANEL SCHEDULE		150A MAIN LUGS				
120 / 208 V, 3 PHASE, 4 WIRE		390-LP-2		225A MAIN BUS				
RATING 22,000 A.I.C.				100A GRD. BUS				
CKT. NO.	TRIP/P	DESCRIPTION	PHASE			DESCRIPTION	TRIP/P	CKT. NO.
			A	B	C			
1	20/1	OUTSIDE WEST RECEPT.				LOWER ELECTRIC WATER HEATER 390-EWH-1	20/1	2
3	20/1	390-MAU-1 RECEPTACLE				UPPER ELECTRIC WATER HEATER 390-EWH-2	20/1	4
5	20/1	OUTSIDE WALL PACKS				TRAP SEAL PRIMER	20/1	6
7	20/1	BIOGAS ROOM OUTSIDE WALL PACK				390-FE/FIT-3110	20/1	8
9	20/1	OVERHEAD DOOR				470-LCP-3451 WASTE GAS BURNER	20/1	10
11	20/1	390-MAU-2 RECEPTACLE				390-FACP-1	20/1	12
13	20/1	POLE MOUNTED LIGHT NORTH.				SPARE	20/1	14
15	20/1	SPARE				SPARE	20/1	16
17	20/1	SPARE				SPARE	20/1	18
19	20/1	SPARE				SPARE	20/1	20
21	20/1	SPARE				SPARE	20/1	22
23	20/1	SPARE				SPARE	20/1	24
25	20/1	SPARE				SPARE	20/1	26
27	20/1	SPARE				SPARE	20/1	28
29	20/1	SPARE				SPARE	20/1	30
31	-	SPACE				SPACE	-	32
33	-	SPACE				SPACE	-	34
35	-	SPACE				SPACE	-	36
37	-	SPACE				SPACE	-	38
39	-	SPACE				SPACE	-	40
41	-	SPACE				SPACE	-	42
TOTALS:			-	-	-	-	-	-

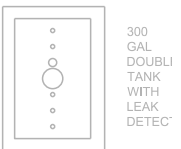
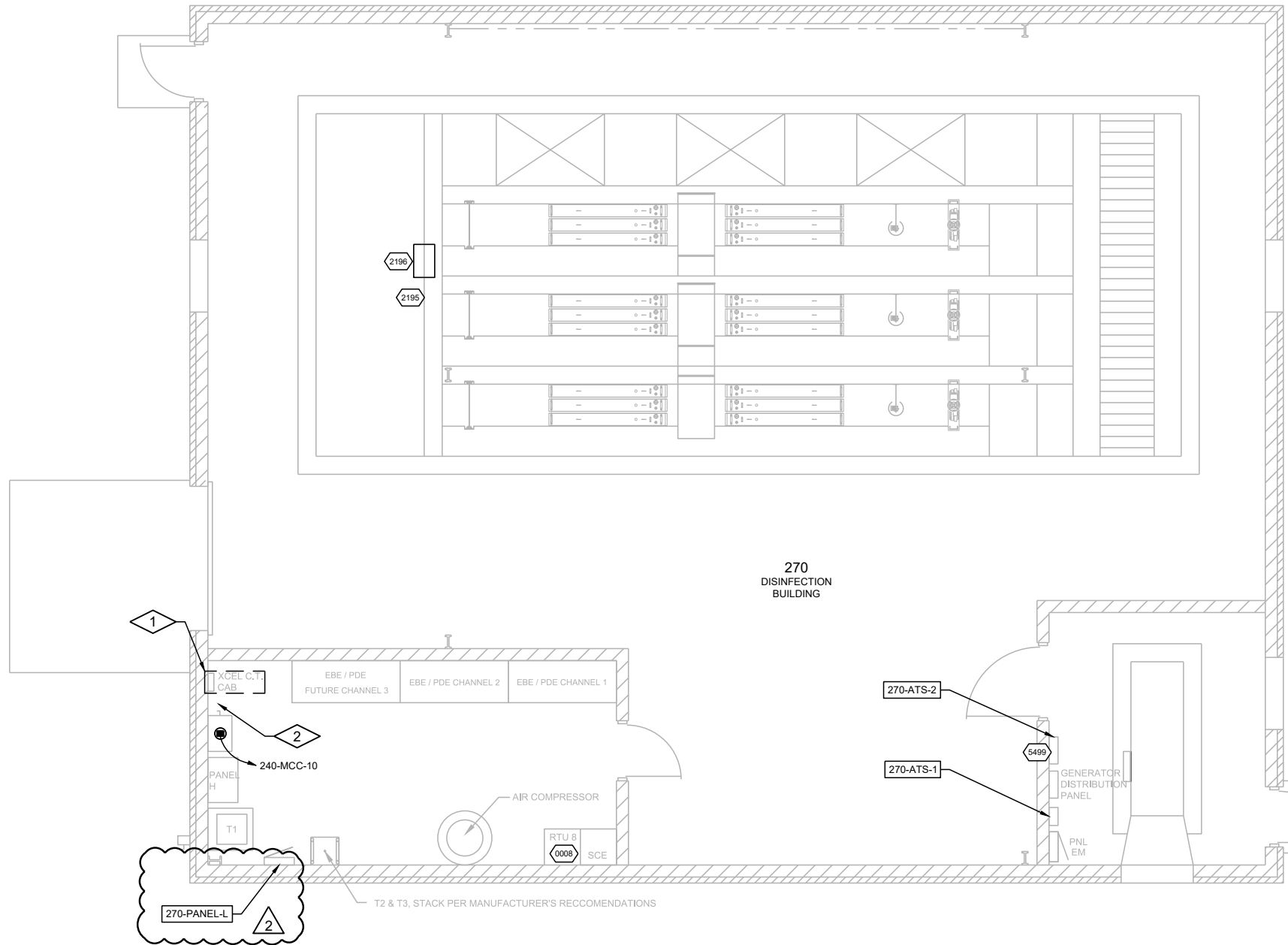
Date	04/05/21
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Drawn By	AF
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Revision Number	1
2	RFP 002
3	RFP 005
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Drawn By	AF
Checked By	MBS
Approved By	E.JL
Filename	007E35.DWG
Project No.	13655
Project Date	3/24/2021

**CITY OF LA CROSSE  
2021 WASTEWATER TREATMENT  
FACILITY UPGRADES  
LA CROSSE WISCONSIN**

**ELECTRICAL DISTRIBUTION - BLDG. 390  
ONE-LINE DIAGRAM AND PANEL SCHEDULES**

**DONOHUE**

Sheet No. 135  
Drawing No. 007-E-35



**GENERAL NOTES:**

- CONTRACTOR TO FIELD VERIFY EXISTING CONDITIONS, DIMENSIONS, AND ELEVATIONS PRIOR TO CONSTRUCTION AND/OR FABRICATION.
- REFER TO 001 SERIES OF DRAWINGS FOR THE SPACE ENVIRONMENT/HAZARDOUS RATING SCHEDULE REGARDING ENVIRONMENTAL CONDITIONS ANTICIPATED WITHIN EACH SPACE AND ALLOWABLE MATERIALS OF CONSTRUCTION TO BE USED WITHIN EACH SPACE.
- HAZARDOUS RATINGS IDENTIFIED ON THIS DRAWING INDICATE SPACES IN WHICH A HAZARDOUS ENVIRONMENT MAY GENERALLY EXIST. CONTRACTOR SHALL REFER TO SPACE ENVIRONMENT/HAZARDOUS RATING SCHEDULE IN 001 SERIES OF DRAWINGS FOR ADDITIONAL INFORMATION EXPLAINING THE EXTENT AND ENVELOPE ASSOCIATED WITH THESE HAZARDS.

**PLAN NOTES:**

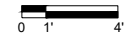
- PROTECT CT CABINET. REMOVE METER SOCKET AND ASSOCIATED COMPONENTS. COORDINATE WITH UTILITY. PROTECT CONDUIT ENTERING CT CABINET AND CONDUIT BETWEEN MAIN DISCONNECT AND CT CABINET FOR RE-USE.
- ROUTE NEW CONDUCTORS FROM STRUCTURE 240 VIA DUCT BANK "S", EXISTING ELBOW. EXISTING 6" CONDUIT AND TERMINATE AS REQUIRED.
- RE-LABEL EXISTING LIGHTING PANEL AS "270-PANEL-L". PROVIDE NEW NAMEPLATE.
- REMOVE EXISTING 50A THREE POLE BREAKERS AND TURN OVER TO OWNER. PROVIDE 20A SINGLE POLE BREAKERS.

Revision Number	Revision Description	Checked By	Date
1	CONFORMED TO CONTRACT	JAB/RJN	04/05/21
2	RFP 005	JAB	09/07/21

Designed By	MBS/DWG
Drawn By	MBS/DWG
Checked By	JAB/RJN
Approved By	EJL
Filename	270ENP1.DWG
Project No.	13655
Project Date	3/24/2021

SURFACE MOUNTED NEMA 1		100A MAIN BREAKER						
120 / 208 V, 3 PHASE, 4 WIRE		225A MAIN BUS						
RATING 22,000 A.I.C.		100A GRD. BUS						
CKT. NO.	TRIP/P	DESCRIPTION	PHASE			DESCRIPTION	TRIP/P	CKT. NO.
			A	B	C			
1	20/1	POLE MOUNTED LIGHT FIXTURES						2
3	20/1	SPARE					50/3	4
5	20/1	SPARE						6
7	30/2	SPLIT UNIT				SPLIT UNIT		8
9		A/C SOUTH				A/C NORTH	30/2	10
11	20/1	OUTSIDE GFI BY A/C				FLOW METER TO THE LEFT	20/1	12
13	20/1	RECEPTACLE GENERATOR ROOM				RECEPTACLE UV ROOM WEST	20/1	14
15	20/1	FUEL TANK ALARMS				RECEPTACLE CONTROL ROOM	20/1	16
17	20/1	GENERATOR TANK HEATER				DAMPER/GENERATOR ROOM RECEPT.	20/1	18
19								20
21	15/3	GATE				OVERHEAD CRANE	15/3	22
23								24
25	20/1	RECEPTACLE UV ROOM WEST				RECEPTACLE UV ROOM NORTH	20/1	26
27	20/1	RECEPTACLE UV ROOM WEST				RECEPTACLE UV ROOM NORTH	20/1	28
29	20/1	RECEPTACLE UV ROOM WEST & SOUTH				RTU 8	20/1	30
31	20/1	RECEPTACLE UV ROOM WEST/ RECEPTACLE BELOW PANEL L				POLE MOUNTED LIGHT FIXTURES	20/1	32
33	20/1	AIR COMPRESSOR DRYER RECEPTACLE				EXISTING RECEPTACLE	20/1	34
35	20/1	RECEPTACLE UV ROOM NORTH				UNIT HEATER EAST	20/1	36
37	20/1	UNIT HEATER WEST				ROOFTOP EXHAUST FAN	20/1	38
39	20/1	RECEPTACLE UV ROOM NORTH				NORTHWALL EXHAUST FAN	20/1	40
41	20/1	SAMPLER RECEPTACLE - TSS				RTU 9	20/1	42
TOTALS:			-	-	-	-		

**GRADE PLAN**







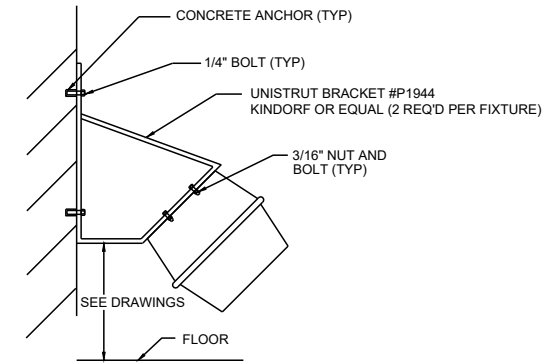
ID	TAG NAME	DESCRIPTION	DETAIL	WIRING	DESTINATION	ID	COMMENT
0008	RTU-8	DISINFECTION BLD. RTU PANEL	N/A	(1) FOC	500-NET-1	3598	EXISTING RTU
2195	270-AIT-2192	HACH SC1000 TRANSMITTER	N/A	(1) CE	RTU-8	0008	EXISTING AIT
2196	270-AE-2192	PHOSPHATE ANALYZER			USE EXISTING MOUNTING. RECONNECT WIRING AND SAMPLE LINES		
5499	270-ATS-2	AUTOMATIC TRANSFER SWITCH	N/A	(2) #14	RTU-8	0008	EXISTING ATS

CITY OF LA CROSSE  
 2021 WASTEWATER TREATMENT  
 FACILITY UPGRADES  
 LA CROSSE WISCONSIN  
 DISINFECTION BUILDING  
 PLAN



Sheet No. 472  
 Drawing No.

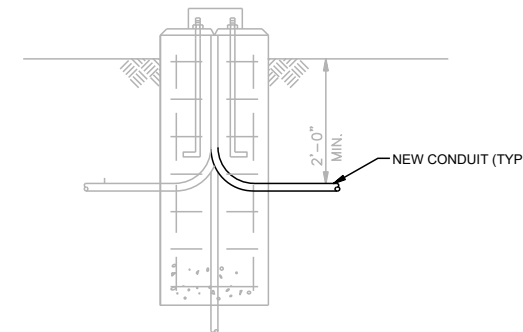
FIXTURE SCHEDULE						
TYPE	DESCRIPTION	LAMPS		MANUFACTURER	CATALOG NUMBER	REMARKS
		NO	LUMENS			
A	EMS LED L48 WITH MOTION SENSOR 80W	-	10154	HOLOPHANE	EMS L48 10000LM IMAFL MD 120 GZ10 40K 80CRI	PENDANT MOUNT SEE DRAWING FOR MOUNTING HEIGHT
	 DESOTO DSL3 WET LOCATION EMERGENCY LIGHTING UNIT-12.84W	-	640	HOLOPHANE	DSL3 SP640L UVOLT LTP SDRT	WALL MOUNT 8'-0" ABOVE THE FLOOR
B	HRLL EXPLOSION ROOF LED LUMINAIRE PRISMATIC LENS CLASS 1 DIVISION 1-94W	-	8830	HOLOPHANE	HRLL 8L 12 G PD F1	PENDANT MOUNT/WALL MOUNT SEE DRAWING FOR MOUNTING HEIGHT
C	DESOTO HR CLASS 1 DIV 1 LED REMOTE LAMP HEAD-12W	-		HOLOPHANE	DSHR W 12 12	WALL MOUNT 8'-0" ABOVE THE FLOOR
	 HDX SERIES EXIT LIGHT CLASS 1 DIVISION 1-1.5W	-		HOLOPHANE	HDXE S R AM PW EM	WALL MOUNT ABOVE THE DOOR
	 QM LED EMERGENCY AND EXIT LIGHT-4.3W	-		HOLOPHANE	QM LED R HO SD	WALL MOUNT ABOVE THE DOOR
	 EMERGENCY BATTERY UNIT FOR EP REMOTE LAMP HEADS. UNIT MOUNTED IN NON-RATED AREA-50W	-		HOLOPHANE	C42275 ITN RO H1212	WALL MOUNTED 8'-0" ABOVE THE FLOOR
D	HLWPC2 WALLPACK FULL CUTOFF LED W/ PHOTO CELL-47W	-		HOLOPHANE	HLWPC2 P20 40K 12 T4M BKSDP 80CRI PE	WALL MOUNT ABOVE THE DOOR
E	HW4G LED WALLPACK TYPE 3 OPTICS W/ PHOTOCELL CLASS 1 DIVISION 2-72W	-	3377	HOLOPHANE	HW4G 20C 1000 40K T3M 120 BKSDP	WALL MOUNT ABOVE THE DOOR
F	PETROLUX LED HIGHBAY CLASS 2 DIV II 74W	-	10950	HOLOPHANE	PXLH 10000LM MD0 120 40K 70CRI UNM DGXD	PENDANT MOUNT SEE DRAWING FOR MOUNTING HEIGHT
G	PETROLUX LED HIGHBAY WET LOCATION 119W	-	24000	HOLOPHANE	PXHW 24000LM WD 120 40K 70CRI UNM DGXD	PENDANT MOUNT SEE DRAWING FOR MOUNTING HEIGHT
P	AUTOBAHN SERIES ATB2 ROADWAY LIGHTING 198W WITH PHOTOCELL	-	21798	AMERICAN ELECTRIC LIGHTING	ATB2 40BLEDE15 MVOLT R4 4PCSS	POLE MOUNTED SEE DETAIL E502
R	AUTOBAHN SERIES ATB2 ROADWAY LIGHTING 198W WITH PHOTOCELL	-	22827	AMERICAN ELECTRIC LIGHTING	ATB2 40BLEDE15 MVOLT R5 4PCSS	POLE MOUNTED SEE DETAIL E502
S	HLWPC2 WALLPACK FULL CUTOFF LED W/ PHOTO CELL & BATTERY -47W	-		HOLOPHANE	HLWPC2 P20 40K 12 T4M BKSDP 80CRI PE EM	WALL MOUNT ABOVE THE DOOR



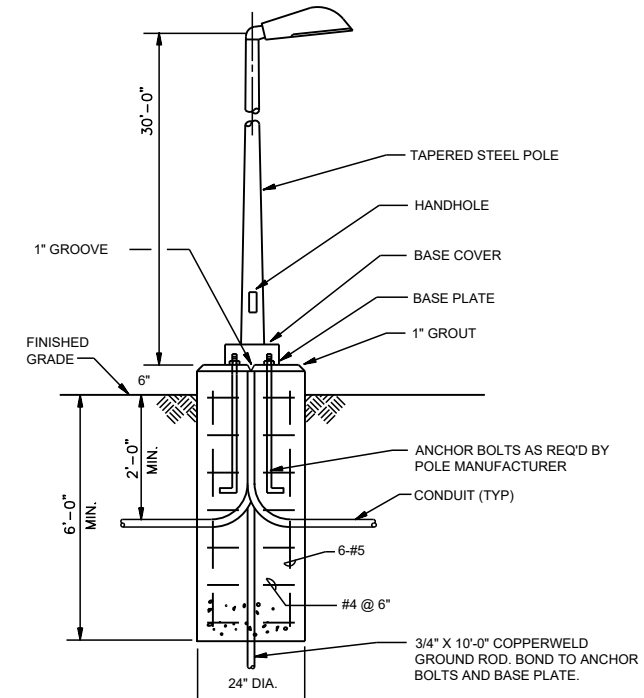
**WALL MOUNTED LIGHT FIXTURE DETAIL E290**  
NTS

**PLAN NOTES:**

1. PROVIDE 30'-0" TAPERED ALUMINUM POLE PN#-STS306-4F-NEC-GALV. PROVIDE MOUNTING AS REQUIRED FOR SINGLE FIXTURE POLE AND DUAL FIXTURE POLE.



**NEW CONDUIT TO EXISTING FIXTURE DETAIL E503**  
NTS



**FIXTURE MOUNTING DETAIL E502**  
NTS

Revision Number	Revision Description	Checked By	Date
1	CONFORMED TO CONTRACT	MBS	04/05/21
2	RFP 005	JAB	09/07/21

Designed By	AF
Drawn By	AF
Checked By	MBS
Approved By	E.JL
Filename	999ED1.DWG
Project No.	13655
Project Date	3/24/2021



Sheet No. 877  
Drawing No.

**CITY OF LA CROSSE  
 2021 WASTEWATER TREATMENT  
 FACILITY UPGRADES  
 LA CROSSE WISCONSIN  
 STANDARD DETAILS  
 ELECTRICAL**



PCI #COR004

C.D. Smith Construction, Inc.  
125 Camelot Drive  
Fond du Lac WI, 54935  
Phone: 1 920 924.2900

**Project:** 210194 - La Crosse WWTF  
905 Joseph Houska Drive  
La Crosse, WI 54601

## Potential Change Item #COR004

### RFP 005 - Additional site lighting and fencing.

<b>To:</b>	City Of La Crosse Attn: City Treasurer 400 La Crosse Street La Crosse, WI 54601	<b>From:</b>	C.D. Smith Construction, Inc. 125 Camelot Drive Fond du Lac WI, 54935
<b>Status:</b>	Pricing-No Forecast	<b>Created Date</b>	2021-08-09
<b>Schedule Impact:</b>		<b>OCO Number:</b>	

#### POTENTIAL CHANGE ITEM SCOPE DESCRIPTION: *(The Contract Is Changed As Follows)*

#### ATTACHMENTS:

Description	Cost Code	Category	Quantity	W/M	Rate	Final Amount
Electrical	260000	S	1	LS	\$1564 87.69	\$156,487.69
Fences	323100	S	1	LS	\$1768 0	\$17,680.00
Temporary Construction Fence (320 ft x 2 years)	015900	M	640	LF	\$4	\$2,560.00
Process Piping - Wastewater	400000	S	1	LS	\$2329. 95	\$2,329.95
<b>Bond:</b>						\$1,882.67
<b>Subcontract markup:</b>						\$8,824.88
<b>Self Perform Markup:</b>						\$384.00
<b>Grand Total:</b>						<b>\$190,149.19</b>

**City Of La Crosse**  
Attn: City Treasurer 400 La Crosse Street  
La Crosse, WI 54601

**C.D. Smith Construction, Inc.**  
125 Camelot Drive  
Fond du Lac WI, 54935

\_\_\_\_\_  
SIGNATURE

\_\_\_\_\_  
DATE

\_\_\_\_\_  
SIGNATURE

\_\_\_\_\_  
DATE



Notes from Kish on Review #1.

- Item #1 – the adapter plates for the existing pole bases are so we can get the new poles to fit the existing bolt patterns
- Item #2 and #3 – the #8 and 1 ¼” PVC and fittings, it was part of my original 005 pricing. I didn’t convert them to the #3 and 2” conduit...I did that now
- Item #4 – I counted 5 total (2 spare) but I changed to 3

**JOB 2670** E06170: E06170 LAX WWTP...  
**ESTIMATE 1** E06170: E06170 LAX WWTP...  
**DATA SET 12** WA Roosevelt pricing  
**DATE** 12/10/2021 5:58:50 AM

Kish & Sons Electric, Inc.  
 2135 Enterprise Avenue  
 La Crosse, WI 54603  
 608-785-0207 / 608-782-5599  
 KThesing@kischelectric.com

Index	Description	Reference T...	Reference	Ref Amount	Operation	Rate	Amount	Ref Only
1	MATERIAL TOTAL:	Material	Total	32,809.39	*	1.00	32,809.39	<input type="checkbox"/>
2	SUBTOTAL						32,809.39	<input type="checkbox"/>
3	*****						0.00	<input type="checkbox"/>
4	*MAJOR QUOTATIONS						0.00	<input type="checkbox"/>
5	FIXTURE QUOTES:						45,354.85	<input type="checkbox"/>
6	FIXTURE QUOTE 1	Calculated		0.00	*		0.00	<input type="checkbox"/>
7	FIXTURE QUOTE 2	Calculated		0.00	*		0.00	<input type="checkbox"/>
8	FIXTURE QUOTE 3	Calculated		0.00	*		0.00	<input type="checkbox"/>
9	FIXTURE QUOTE 4	Calculated		0.00	*		0.00	<input type="checkbox"/>
10	SWITCHGEAR QUOTES:						0.00	<input type="checkbox"/>
11	SW GEAR QUOTE 1	Calculated		0.00	*		0.00	<input type="checkbox"/>
12	SW GEAR QUOTE 2	Calculated		0.00	*		0.00	<input type="checkbox"/>
13	SW GEAR QUOTE 3	Calculated		0.00	*		0.00	<input type="checkbox"/>
14	SW GEAR QUOTE 4	Calculated		0.00	*		0.00	<input type="checkbox"/>
15	EMERGENCY GENERATOR	Calculated		0.00	*		0.00	<input type="checkbox"/>
16	FIRE ALARM QUOTES:						0.00	<input type="checkbox"/>
17	FIRE ALARM QUOTE 1	Calculated		0.00	*		0.00	<input type="checkbox"/>
18	FIRE ALARM QUOTE 2	Calculated		0.00	*		0.00	<input type="checkbox"/>
19	SOUND	Calculated		0.00	*		0.00	<input type="checkbox"/>
20	CLOCK	Calculated		0.00	*		0.00	<input type="checkbox"/>
21	SUBTOTAL						45,354.85	<input type="checkbox"/>
22	*****						0.00	<input type="checkbox"/>
23	MATERIAL SALES TAX %	Component	2	32,809.39	%		0.00	<input type="checkbox"/>
24	MAT'L QUOTES TAX %	Component	21	45,354.85	%		0.00	<input type="checkbox"/>
25	SUBTOTAL						0.00	<input type="checkbox"/>
26	*****						0.00	<input type="checkbox"/>
27	*DIRECT LABOR:						0.00	<input type="checkbox"/>
28	AVERAGE RATE	Labor	Total	566.24	*		0.00	<input type="checkbox"/>
29	- OR -						0.00	<input type="checkbox"/>
30	FOREMEN HRS	Labor	Total	566.24	%	10.00	56.62	<input checked="" type="checkbox"/>
31	JOURNEYMEN HRS	Labor	Total	566.24	%	100.00	566.24	<input checked="" type="checkbox"/>
32	APPRENT. HRS	Labor	Total	566.24	%		0.00	<input checked="" type="checkbox"/>
33	FOREMEN RATE	Component	30	56.62	*	92.50	5,237.72	<input type="checkbox"/>
34	JOURNEYMEN RATE	Component	31	566.24	*	87.00	49,262.87	<input type="checkbox"/>
35	APPRENT. RATE	Component	32	0.00	*		0.00	<input type="checkbox"/>
36	SUBTOTAL						54,500.59	<input type="checkbox"/>
37	*****						0.00	<input type="checkbox"/>
38	*INDIRECT LABOR:						0.00	<input type="checkbox"/>
39	TRUCK DRIVER	Calculated		0.00	*		0.00	<input type="checkbox"/>
40	SUBTOTAL						0.00	<input type="checkbox"/>
41	*****						0.00	<input type="checkbox"/>
42	*NON-PROD. LABOR:						0.00	<input type="checkbox"/>
43	G.F OR SUPER HRS	Labor	Total	566.24	%		0.00	<input checked="" type="checkbox"/>
44	G.F. OR SUPER RATE	Component	43	0.00	*		0.00	<input type="checkbox"/>
45	TRAVEL TIME	Calculated		0.00	*		0.00	<input type="checkbox"/>
46	OVERTIME	Calculated		0.00	*		0.00	<input type="checkbox"/>
47	SUBTOTAL						0.00	<input type="checkbox"/>
48	*****						0.00	<input type="checkbox"/>
49	*DIRECT JOB EXP:						0.00	<input type="checkbox"/>



**JOB 2670** E06170: E06170 LAX WWTP...  
**ESTIMATE 1** E06170: E06170 LAX WWTP...  
**DATA SET 12** WA Roosevelt pricing  
**DATE** 12/10/2021 5:58:50 AM

Kish & Sons Electric, Inc.  
 2135 Enterprise Avenue  
 La Crosse, WI 54603  
 608-785-0207 / 608-782-5599  
 KThesing@kischelectric.com

Index	Description	Reference T...	Reference	Ref Amount	Operation	Rate	Amount	Ref Only
50	P/R TAX % - DIRECT	Component	36	54,500.59	%		0.00	<input type="checkbox"/>
51	P/R TAX % - INDIRECT	Component	40	0.00	%		0.00	<input type="checkbox"/>
52	P/R TAX % - NON-PROD	Component	47	0.00	%		0.00	<input type="checkbox"/>
53	SPECIAL INSURANCE						0.00	<input type="checkbox"/>
54	EQUIPMENT RENTAL						3,411.42	<input type="checkbox"/>
55	TOOLS EXPENDABLE	Material	Total	32,809.39	%		0.00	<input type="checkbox"/>
56	PERMIT_INSPECT FEE						0.00	<input type="checkbox"/>
57	JOB TRAILER						0.00	<input type="checkbox"/>
58	TELEPHONE						0.00	<input type="checkbox"/>
59	DRAWING/ENGINEERING						0.00	<input type="checkbox"/>
60	TRAVEL EXPENSES						0.00	<input type="checkbox"/>
61	TEMP POWER						0.00	<input type="checkbox"/>
62	SUBTOTAL						3,411.42	<input type="checkbox"/>
63	*****						0.00	<input type="checkbox"/>
64	*SUB CONTRACTS:						0.00	<input type="checkbox"/>
65	TRENCHING						0.00	<input type="checkbox"/>
66	RIGGING						0.00	<input type="checkbox"/>
67	TESTING						0.00	<input type="checkbox"/>
68	CONCRETE						0.00	<input type="checkbox"/>
69	SUBTOTAL						0.00	<input type="checkbox"/>
70	*****						0.00	<input type="checkbox"/>
71	JOB SUBTOTAL						136,076.25	<input type="checkbox"/>
72	*****						0.00	<input type="checkbox"/>
73	*MARKUPS/OVERHEAD:						0.00	<input type="checkbox"/>
74	FLAT MARKUP %	Component	71	136,076.25	%	15.00	20,411.44	<input type="checkbox"/>
75	- OR -						0.00	<input type="checkbox"/>
76	MATERIAL	Component	2	32,809.39	%		0.00	<input type="checkbox"/>
77	MAJOR QUOTATIONS	Component	21	45,354.85	%		0.00	<input type="checkbox"/>
78	SALES TAX \$	Component	25	0.00	%		0.00	<input type="checkbox"/>
79	DIRECT LABOR	Component	36	54,500.59	%		0.00	<input type="checkbox"/>
80	INDIRECT LABOR	Component	40	0.00	%		0.00	<input type="checkbox"/>
81	NON-PRODUCTIVE LABOR	Component	47	0.00	%		0.00	<input type="checkbox"/>
82	DIRECT JOB EXPENSES	Component	62	3,411.42	%		0.00	<input type="checkbox"/>
83	SUB CONTRACTS	Component	69	0.00	%		0.00	<input type="checkbox"/>
84	JOB TOTAL						156,487.69	<input type="checkbox"/>
85	*****						0.00	<input type="checkbox"/>
86	PROFIT	Component	84	156,487.69	%		0.00	<input checked="" type="checkbox"/>
87	JOB TOTAL + PROFIT	Component	86	0.00	*	1.00	156,487.69	<input type="checkbox"/>
88	BOND	Component	87	156,487.69	%		0.00	<input checked="" type="checkbox"/>
89	ADD BOND	Component	88	0.00	*	1.00	156,487.69	<input type="checkbox"/>
90	PERMIT	Component	89	156,487.69	%		0.00	<input checked="" type="checkbox"/>
91	ADD PERMIT	Component	90	0.00	*	1.00	156,487.69	<input type="checkbox"/>
92	COST PER SQ FT	Component	91	156,487.69	/		0.00	<input checked="" type="checkbox"/>
93	*****						0.00	<input type="checkbox"/>
94	*****						0.00	<input type="checkbox"/>
95	BID TOTAL						156,487.69	<input type="checkbox"/>



## Change Order - Quotation

**TO:**  
 26 KISH & SONS ELECTRIC LA CROSSE  
 2135 ENTERPRISE AVE  
 LA CROSSE, WI 54603-1754

**Project:** CITY OF LA CROSSE 2021 WASTEWATER  
**Date:** 12/01/21  
**PO #:** 61852-RFP 005  
**Change #:** 6  
**Freight in Exempt :** Yes

---

**Total Change:** **45,354.85**

Change Type	Quantity Description	Unit or Lot#	Unit Price	Ext Price	Change Amt
-------------	----------------------	--------------	------------	-----------	------------

QUOTE FOR RFP 005

✓ P, RFP 005	6 ATB0 P453 MVOLT R4 NR P7 PCLL <u>Prev Qty</u> <u>Change Qty</u> <u>New Qty</u> 0                    6                    6	HOLOPHA	45,354.850	45,354.85	45,354.85
	** Item type changed from to P, RFP 005 ** ** Description Changed from ** ** Lot Price changed from 0.000 to 45,354.850 ** ** Quantity changed from 0 to 6 **				

✓ P POLE, RFP 005	6 RTA 30 70E BMA US4 GFI GR RFD327591 <u>Prev Qty</u> <u>Change Qty</u> <u>New Qty</u> 0                    6                    6	HOLOPHA			
	** Item type changed from to P POLE, RFP 005 ** ** Description Changed from ** ** Quantity changed from 0 to 6 **				

**From:**  
 (26) VAN METER INC  
 PHONE MAIN 608-790-9950  
 3120 Berlin Dr  
 LA CROSSE, WI 54601-1845  
 Printed By: Lynn Samuelson EC

Authorizing Name: Lynn Samuelson EC   File Number: 79806  
 QUOTE RFP 005

These items are not ordered! To complete this order, sign below and provide a PO # for the order.

Signature: \_\_\_\_\_



Project: CITY OF LA CROSSE 2021 WASTEWATER

## Change Order - Quotation

Change Type	Quantity	Description	Unit or Lot#	Unit Price	Ext Price Change Amt
✓ P POLE, RFP 005	6	ABSET RFD327591	HOLOPHA		
	<u>Prev Qty</u>	<u>Change Qty</u>	<u>New Qty</u>		
	0	6	6		
	** Item type changed from to P POLE, RFP 005 **				
	** Description Changed from **				
	** Quantity changed from 0 to 6 **				
✓ P POLE, RFP 005	0	TMP-46	HOLOPHA		
	** Item type changed from to P POLE, RFP 005 **				
	** Description Changed from **				
✓ R, RFP 005	14	ATB0 P453 MVOLT R5 NR P7 PCLL	HOLOPHA		
	<u>Prev Qty</u>	<u>Change Qty</u>	<u>New Qty</u>		
	0	14	14		
	** Item type changed from to R, RFP 005 **				
	** Description Changed from **				
	** Quantity changed from 0 to 14 **				
✓ R POLE, RFP 005	5	RTA30 70E BMA 2US4 GFI GR RFD327592	HOLOPHA		
	<u>Prev Qty</u>	<u>Change Qty</u>	<u>New Qty</u>		
	0	5	5		
	** Item type changed from to R POLE, RFP 005 **				
	** Description Changed from **				
	** Quantity changed from 0 to 5 **				
✓ R POLE, RFP 005	5	ABSET RFD327592	HOLOPHA		
	<u>Prev Qty</u>	<u>Change Qty</u>	<u>New Qty</u>		
	0	5	5		
	** Item type changed from to R POLE, RFP 005 **				
	** Description Changed from **				
	** Quantity changed from 0 to 5 **				



Project: CITY OF LA CROSSE 2021 WASTEWATER

# Change Order - Quotation

Change Type	Quantity	Description	Unit or Lot#	Unit Price	Ext Price Change Amt
-------------	----------	-------------	--------------	------------	----------------------

✓ R POLE, RFP 005	0	TMP-46	HOLOPHA		
----------------------	---	--------	---------	--	--

\*\* Item type changed from to R POLE, RFP 005 \*\*  
 \*\* Description Changed from \*\*

<b>Total:</b>	<b>45,354.85</b>
---------------	------------------

**From:**  
 (26) VAN METER INC  
 PHONE MAIN 608-790-9950  
 3120 Berlin Dr  
 LA CROSSE, WI 54601-1845  
 Printed By: Lynn Samuelson EC

Authorizing Name: Lynn Samuelson EC  
 File Number: 79806  
 QUOTE RFP 005

These items are not ordered! To complete this order, sign below and provide a PO # for the order.

Signature: \_\_\_\_\_

**JOB 2670** E06170: E06170 LAX WWTP...  
**ESTIMATE 1** E06170: E06170 LAX WWTP...  
**DATA SET 12** WA Roosevelt pricing

Kish & Sons Electric, Inc.  
 2135 Enterprise Avenue  
 La Crosse, WI 54603  
 608-785-0207 / 608-782-5599  
 KThesing@kischelectric.com

**PRINTED** 12/10/2021 5:55:46 AM  
**MATERIAL** Discounted  
**LABOR** Primary

## NOTES

Item						
#	Size	Item Desc	Qty	UOM	Mat Ext	Lbr Ext
1		TYPE P POLE LIGHT	6.00		0.00	0.0000
2		TYPE R POLE LIGHT	5.00		0.00	0.0000
3		2" OZ GED BUSHING	1.00		133.95	1.0000
4		1" OZ GED BUSHING	3.00		374.55	3.0000
5		PANEL	2.00		0.00	0.0000
6		EXISTING BASE (ADAPTER PLATE)	3.00		750.00	6.0000
7		PANELBOARD NAMEPLATE	1.00		25.00	1.0000
8		REMOVE 3/50 AMP BREAKER	1.00		0.00	1.0000
9		3 RHH/RHW STR CU	1,120.00		3,012.80	11.2000
10	500W	MERC VAPOR - HID FLD	20.00	EACH	0.00	58.8000
11	(LABOR ITEM)	24' TO 30' POLE	11.00	EACH	0.00	42.9000
13	2"	PVC SCH 40	1,380.00	FEET	7,838.40	96.6000
14	1"	PVC SCH 80	1,460.00	FEET	4,204.80	58.4000
15	3/4"	GRC	150.00	FEET	546.00	6.4500
16	2"	GRC	60.00	FEET	739.80	4.8000
17	1"	PVC SCH 40 90 ELBOW	20.22	EACH	103.94	2.0222
19	2"	PVC SCH 80 90 ELBOW	8.00	EACH	84.72	1.6000
20	1"	GRC 90 ELBOW	16.00	EACH	227.04	4.8000
21	2"	GRC 90 ELBOW	24.00	EACH	883.92	13.2000
22	3/4"	GRC FIELD BENDS	3.00	EACH	15.00	0.7980
23	2"	GRC FIELD BENDS	4.00	EACH	20.00	2.4000
24	1"	PVC COUPLING	40.22	EACH	6.84	2.4133
25	1 1/4"	PVC COUPLING	10.00	EACH	2.30	0.6000
26	2"	PVC COUPLING	54.00	EACH	22.14	5.4000
27	1"	PVC BOX ADPT/MALE	18.11	EACH	4.71	1.8111
29	2"	PVC BOX ADPT/MALE	36.00	EACH	21.24	5.4000
30	3/4"	GRC COUPLING	3.00	EACH	4.59	0.0000
31	2"	GRC COUPLING	2.00	EACH	9.12	0.0000
32	3/4"	LOCKNUT	6.00	EACH	0.60	0.1800
33	1"	LOCKNUT	18.11	EACH	3.26	0.5433
35	2"	LOCKNUT	40.00	EACH	20.40	2.4000
36	1"	PLASTIC BUSHINGS	18.11	EACH	3.08	2.7167
38	2"	PLASTIC BUSHINGS	36.00	EACH	18.72	9.0000
39	3/4"	BONDING BUSHINGS-INS	3.00	EACH	10.05	0.6900
40	2"	BONDING BUSHINGS-INS	2.00	EACH	12.64	0.6000
41	3/4"	CUT/THREAD-LABOR	6.00	EACH	30.00	1.0800
42	2"	CUT/THREAD-LABOR	4.00	EACH	20.00	2.4800
43	5/8X8	COPPER GROUND ROD	11.00	EACH	231.44	5.5000
44	5/8.	GROUND ROD CLAMP	11.00	EACH	24.42	2.2000
45	3/4"	HOLE DRILL & PATCH	2.00	EACH	10.00	1.6000
47	2"	HOLE DRILL & PATCH	14.00	EACH	70.00	21.0000
48	1/4X1-1/2	FENDER WASHER	39.00	EACH	9.75	0.0390
49	3/8.	STOVE BOLT W/NUTS	19.50	EACH	4.88	0.0195
50	3/4"	UNISTRUT STRAP	19.50	EACH	21.65	0.4875
51	2"	UNISTRUT STRAP	8.00	EACH	15.04	0.2400
52	18X36	DIG HOLE	11.00	EACH	0.00	11.0000
53	1/2.	ANCHOR BOLTS	44.00	EACH	0.00	2.2000

RFP#005 - SITE LIGHTING  
 Kish & Sons Electric, Inc.  
 2135 Enterprise Avenue  
 La Crosse, WI 54603  
 608-785-0207 / 608-782-5599  
 KThesing@kischelectric.com

PRINTED 12/10/2021 5:55:46 AM  
 MATERIAL Discounted  
 LABOR Primary

JOB 2670 E06170: E06170 LAX WWTP...  
 ESTIMATE 1 E06170: E06170 LAX WWTP...  
 DATA SET 12 WA Roosevelt pricing

NOTES

Item						
#	Size	Item Desc	Qty	UOM	Mat Ext	Lbr Ext
54		WRECK FORMS (SMALL)	11.00	EACH	0.00	11.0000
55		24" SONOTUBE	77.00	FEET	950.95	1.5400
56	12	THHN STR CU	854.34	FEET	333.19	3.4173
57	10	RHH/RHW STR CU	800.00	FEET	384.00	4.0000
58	8	RHH/RHW STR CU	40.00	FEET	32.80	0.2400
59	2.	RHH/RHW STR CU	740.00	FEET	2,057.20	7.4000
60	2/0	RHH/RHW STR CU	1,660.00	FEET	6,889.00	26.5600
61	6.	BARE CU STR	66.00	FEET	30.36	0.4620
62		SCOTCHLOCKS-RED	22.00	EACH	2.64	0.6600
63		SCOTCHLOCKS-GREY	33.00	EACH	9.24	1.3200
64	20/1	CIRCUIT BREAKER	3.00	EACH	11.61	0.6000
65	6W X 24D	TRENCHER DITCHING	1,460.00	FEET	0.00	29.2000
66	6W X 24D	BACKFILL TRENCHER	1,460.00	FEET	0.00	29.2000
67		3" WARNING TAPE MAG.	2,390.00	FEET	119.50	2.3900
68		#5 STEEL	880.00	FEET	589.60	26.4000
69		3000# CONCRETE	11.00	CYD	1,485.00	22.0000
70	2"	PVC COATED GRC 40MIL	10.00	FEET	95.78	1.8000
71	2"	PVC COATED ELB 40MIL	2.00	EACH	204.70	2.4000
72	2"	PVC CTD COUP 40MIL	2.00	EACH	77.04	0.0800
Grand Totals					32,809.39	566.2399

# AMERICAN FENCE COMPANY



Date: 01/07/2022

Transmittal

From:  
American Fence Company  
Blake Blann  
5867 15th St NW  
Rochester, MN 55901

To:  
C.D. Smith Construction  
Nick Beil  
333 Front Street North, Suite 701  
La Crosse, WI 54601

Phone: 507-289-0898  
Email: b.blann@americafence.com

Phone: 715-897-2219  
Email: nbeil@csmith.com

Project: La Crosse WWTP  
RE: Change Order #1

We are transmitting the following to you:

<input type="checkbox"/> Product Data	<input type="checkbox"/> Samples	<input type="checkbox"/> O&M Manuals	<input type="checkbox"/> Plans	<input type="checkbox"/> Addenda
<input type="checkbox"/> Architectural Drawings	<input type="checkbox"/> Shop Drawings	<input type="checkbox"/> Specifications	<input type="checkbox"/> Prints	<input type="checkbox"/> RFP
<input type="checkbox"/> Engineering Drawings	<input type="checkbox"/> Letters	<input type="checkbox"/> Submittals	<input type="checkbox"/> RFI	<input checked="" type="checkbox"/> Change Order

*Note: Failure to respond to this information within three days may result in a project delay at the Contractor's expense.*

### Description of Change:

Change order is for furnishing and installing an additional 300 LF of 6' tall chain link with 3 strands of barbed wire and (1) 24' x 6' tall cantilever gate.

### Scope Clarification:

2-1/2" O.D. line posts spaced 10' on center and set in concrete footings. 3" O.D. terminal posts set in concrete footings. 4" O.D. gate posts to be set in concrete footings.

Labor - \$5,340.00 Material - \$10,033.91 O&P - \$2,306.09

Net Charge to Proposed Contract:	\$17,680.00
Additional contract days required:	5
Estimated completion date for change order:	N/A
Based on the above respond by:	01/14/2022

*Pricing and completion date based on the above terms and approval. Failure to advise by that date may result in additional mobilization(s), labor and material costs. American Fence Company reserves the right to re-evaluate this change if not approved by the time stated herein.*

Contractor approval: \_\_\_\_\_

Date: \_\_\_\_\_

AFC Representative: \_\_\_\_\_

Date: \_\_\_\_\_



855 Morris Street | P.O. Box 1316  
Fond du Lac, WI 54936-1316  
main 920.921.9020 | fax 920.929.8825  
www.jfahern.com

December 20, 2021

Mr. Nick Beil  
C.D. Smith Construction Services  
PO Box 1006  
Fond du Lac, WI 54936-1006

**RE: La Crosse WWTP**  
**Ahern Job #: 3400**  
**Customer Contract #: 210194-001**  
**RFP-005 Site Security**

Dear Nick,

We are pleased to submit our proposal to make changes to the new water service pipe as indicated in RFP-005 Site Security.

Respond by: 12/31/21

**Two Thousand Three Hundred Twenty Nine and 95/100 Dollars.....\$2,329.95**

This proposal only covers the direct costs of labor, materials and equipment to execute the changed work described in the proposal.

At the present time, we cannot assess or evaluate the overall impact of the changed work on our original scope of work.

We thereby reserve our rights to claim for any indirect costs which may arise in the future as a result of delays to the work, out of sequence work, inefficiencies, extended contract completion, labor and material escalation and / or acceleration and extended warranties.

Sincerely,

**J. F. Ahern Co.**

*Chris Boda*

Chris Boda  
Sr. Project Manager  
WI Major Construction Division

Enclosures

File: 3400

cc: Casey McElhatton, Mike Lund, Ashley Pantojas





## Change Order Summary

<b>Project:</b> La Crosse WWTP	
<b>Project #:</b> 3400	
<b>Proposal Date:</b> 12/20/2021	
<b>Change Order #:</b>	8
<b>Revision:</b>	
<b>Description of Work:</b> RFP-005 Site Security	
<b>Total CO Amount:</b>	2,329.95

Item Description	Calc Type	Quantity	Unit of Measure	Unit Price or Rate	PCT %	Total Amount
Sales Tax	Percent	#REF!			0.00%	Error
<b>TOTAL M - Material</b>						-
Labor Insurance & Taxes	Percent	#REF!				Error
Tool Costs	Percent	#REF!			5.50%	Error
<b>TOTAL L - Labor</b>						-
Precision Grading and Utilities	Lump Sum	1.00	Lump Sum	2,219.00		2,219.00
Subcontractor Handling Fee	Percent	#REF!				Error
<b>TOTAL S - Subcontract</b>						<b>2,219.00</b>
Equipment Fuel Costs	Percent	#REF!			15.00%	Error
Equipment Tax	Percent	#REF!			15.00%	Error
<b>TOTAL E - Equipment</b>						-
Special Insurance	Lump Sum	-	Lump Sum			-
Fees & Permits	Lump Sum	-	Lump Sum			-
Pipe Disinfection/Sterilization	Lump Sum	-	Lump Sum			-
<b>TOTAL G - General Conditions</b>						-
Project Management	Unit Price	-	Hour			-
Asst. Project Management	Unit Price	-	Hour			-
Project Coord/Admin Costs	Unit Price	-	Hour			-
Estimating Costs	Unit Price	-	Hour			-
As-Built/Engineering Costs	Unit Price	-	Hour			-
<b>TOTAL P - Project Management</b>						-
Overhead & Profit - Materials	Percent	-			15.00%	-
Overhead & Profit - Labor	Percent	-			15.00%	-
Overhead & Profit - Subcontractor	Percent	2,219.00			5.00%	110.95
Overhead & Profit - Equipment	Percent	-			15.00%	-
Overhead & Profit - General Conditions	Percent	-			15.00%	-
Overhead & Profit - Project Management	Percent	-			15.00%	-
<b>TOTAL O - Overhead &amp; Profit</b>						<b>110.95</b>
Bond and Insurance	Percent	#REF!			0.00%	Error
<b>TOTAL B - Bond &amp; Insurance</b>						-

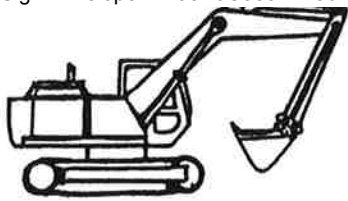
Grand Total:

**2,329.95**

This proposal only covers the direct costs of labor, materials and equipment to execute the changed work described in the proposal.

At the present time, we cannot assess or evaluate the overall impact of the changed work on our original scope of work.

We thereby reserve our rights to claim for any indirect costs which may arise in the future as a result of delays to the work, out of sequence work, inefficiencies, extended contract completion, labor and material escalation and / or acceleration and extended warranties.



# Precision Grading and Utilities, Inc.

PO Box 79 Port Edwards, WI 54469-0079

Phone 715-887-2172 FAX 715-887-2062

December 15, 2021

Chris Boda  
J.F. Ahern  
855 Morris Street  
Fond du Lac, WI 54935

Re: La Crosse WWTP  
RFP005 R1 – Site Security (Lighting & Fencing)  
La Crosse, WI

The following modification to include:

1. Supply labor + materials to install revised 8" fire protection main relocation due to fencing change

NOTES: Does *not* include any fence removal or reinstallation.

Labor + materials to complete the previous items:

**TOTAL MODIFICATION AMOUNT: ADD \$2,219.00**

*Detailed breakdown listed on page 2.*

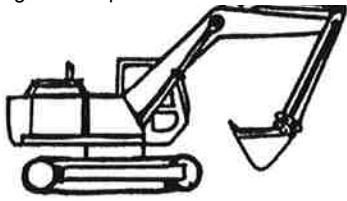
If you have any questions, please feel free to call.

Respectfully,

PRECISION GRADING & UTILITIES, INC.

A handwritten signature in black ink, appearing to read 'Mark W. Schroeder'.

Mark W. Schroeder  
President



# Precision Grading and Utilities, Inc.

PO Box 79 Port Edwards, WI 54469-0079

Phone 715-887-2172 FAX 715-887-2062

## RFP005.R1:

### Item 1:

#### Materials

- |                     |           |
|---------------------|-----------|
| 1. 8" 22.5° Bend:   | 1 EA      |
| 2. 8" Ductile Iron: | 14 LF +/- |

*Total:* \$755.00

#### Equipment + Labor

- |                       |                     |
|-----------------------|---------------------|
| 1. 330 CAT Excavator: | 2 HRs @ \$240.00/HR |
| 2. Foreman:           | 4 HRs @ \$90.00/HR  |
| 3. Pipe Layers (2):   | 4 HRs @ \$78.00/HR  |

*Total:* \$1,464.00



3311 Weeden Creek Road | Sheboygan, WI 53081  
920.208.0296 | donohue-associates.com

## SPEED LETTER

DATE: August 6, 2021

TO: Mr. Nick Beil  
CD Smith Construction  
125 Camelot Drive  
Fond du Lac, WI 54935  
Phone: 715.897.2219

CONTRACT: City of La Crosse 2021 Wastewater  
Treatment Facility Upgrades

PROJECT NO: 13735

MESSAGE: **Request for Proposal 007: Revised Capacity for Pumps 500-P-4821 and -4822**

Nick,

This Request for Proposal (RFP) is being prepared to revise the capacity of the LTHW Pumps (500-P-4821 and -4822) and associated electrical modifications to provide power to larger pump motor size.

Please provide a detailed cost proposal to make the following changes to work in the project:

1. Paragraph 23 21 23-2.02.B.3, delete paragraph and replace with following:
  3. LTHW Pumps (500-P-4821, -4822)
    - a. Type: Base mounted.
    - b. B&G Model: Series 1510, 5x4x11 (4EB), 11 inch impeller trim.
    - c. Flow: 640 gpm
    - d. Head: 110 feet of water
    - e. Minimum Eff: 81%
    - f. RPM: 1,770
    - g. Horsepower: 25, TEFC, Inverter duty
    - h. Electrical: 460V/3-phase/60-Hertz
    - i. Liquid: Water
    - j. Furnish with suction diffusers.
2. Section 26 29 23, VFD Schedule, Rows 500-VFD-4821 and -4822, Column HP, delete the words "20 (27)" and replace with "25 (30)".
3. 500-VFD-4821 and 500-VFD-4822 shall be sized as per new HP and FLA of the LTHW pump motors.

Please provide a detailed cost proposal for this work—including material costs, equipment costs, labor hours, cost of labor, markups, profit, and subcontractor costs (also broken down into material costs, equipment costs, labor hours, cost of labor, markups, and profit) and supporting vendor pricing information.

SPEED LETTER – RFP 007  
08/06/21

Attachments: None.

Please contact me if you have any questions in regard to this request for proposal.

Sincerely,

By:   
Amber J. Marzahl, P.E., Construction Contract Administrator



2135 Enterprise Avenue  
 2135 Enterprise Avenue  
 La Crosse, WI 54603-1754

## Request for Change

WKT191 - LX WWTP 2021 IMPROVEMENTS  
 RFC Number: 6  
 Date: 11/15/2021

**Regarding:**

RFP#007 - UPSIZE PUMPS 500-P-4821 AND -4822.

**To:**

CD SMITH  
 889 East Johnson Street  
 FOND DU LAC, WI 54935

**Job Site:**

LX WWTP 2021 IMPROVEMENTS  
 LA CROSSE WASTE WATER  
 905 HOUSKA DRIVE  
 LA CROSSE, WI 54601

**Requested By:**

KYLE L THESING

**Phone:**

(608) 785-0207

**E-mail:**

kthesing@kischelectric.com

**Recipients:**

NICK BEIL

**Phone:**
**E-mail:**

nbeil@cdsmith.com

**Requested Change:**

RFP#007 - UPSIZE PUMPS 500-P-4821 AND -4822.

**Change to Contract**

\$ 2809.56

**RFC Total**

**\$ 2809.56**

Please respond by: 11/19/2021

KYLE L THESING  
 Kish & Sons Electric, Inc.

NICK BEIL  
 CD SMITH

**JOB 2670** E06170: E06170 LAX WWTP...  
**ESTIMATE 1** E06170: E06170 LAX WWTP...  
**DATA SET 12** WA Roosevelt pricing  
**DATE** 12/7/2021 2:52:07 PM

Kish & Sons Electric, Inc.  
 2135 Enterprise Avenue  
 La Crosse, WI 54603  
 608-785-0207 / 608-782-5599  
 KThesing@kischelectric.com

Index	Description	Reference T...	Reference	Ref Amount	Operation	Rate	Amount	Ref Only
1	MATERIAL TOTAL:	Material	Total	958.90	*	1.00	958.90	<input type="checkbox"/>
2	SUBTOTAL						958.90	<input type="checkbox"/>
3	*****						0.00	<input type="checkbox"/>
4	*MAJOR QUOTATIONS						0.00	<input type="checkbox"/>
5	FIXTURE QUOTES:						0.00	<input type="checkbox"/>
6	FIXTURE QUOTE 1	Calculated		0.00	*		0.00	<input type="checkbox"/>
7	FIXTURE QUOTE 2	Calculated		0.00	*		0.00	<input type="checkbox"/>
8	FIXTURE QUOTE 3	Calculated		0.00	*		0.00	<input type="checkbox"/>
9	FIXTURE QUOTE 4	Calculated		0.00	*		0.00	<input type="checkbox"/>
10	SWITCHGEAR QUOTES:						0.00	<input type="checkbox"/>
11	SW GEAR QUOTE 1	Calculated		0.00	*		0.00	<input type="checkbox"/>
12	SW GEAR QUOTE 2	Calculated		0.00	*		0.00	<input type="checkbox"/>
13	SW GEAR QUOTE 3	Calculated		0.00	*		0.00	<input type="checkbox"/>
14	SW GEAR QUOTE 4	Calculated		0.00	*		0.00	<input type="checkbox"/>
15	EMERGENCY GENERATOR	Calculated		0.00	*		0.00	<input type="checkbox"/>
16	FIRE ALARM QUOTES:						0.00	<input type="checkbox"/>
17	FIRE ALARM QUOTE 1	Calculated		0.00	*		0.00	<input type="checkbox"/>
18	FIRE ALARM QUOTE 2	Calculated		0.00	*		0.00	<input type="checkbox"/>
19	LW ALLEN	Calculated		750.00	*	1.00	750.00	<input type="checkbox"/>
20	CLOCK	Calculated		0.00	*		0.00	<input type="checkbox"/>
21	SUBTOTAL						750.00	<input type="checkbox"/>
22	*****						0.00	<input type="checkbox"/>
23	MATERIAL SALES TAX %	Component	2	958.90	%		0.00	<input type="checkbox"/>
24	MAT'L QUOTES TAX %	Component	21	750.00	%		0.00	<input type="checkbox"/>
25	SUBTOTAL						0.00	<input type="checkbox"/>
26	*****						0.00	<input type="checkbox"/>
27	*DIRECT LABOR:						0.00	<input type="checkbox"/>
28	AVERAGE RATE	Labor	Total	7.63	*		0.00	<input type="checkbox"/>
29	- OR -						0.00	<input type="checkbox"/>
30	FOREMEN HRS	Labor	Total	7.63	%	10.00	0.76	<input checked="" type="checkbox"/>
31	JOURNEYMEN HRS	Labor	Total	7.63	%	100.00	7.63	<input checked="" type="checkbox"/>
32	APPRENT. HRS	Labor	Total	7.63	%		0.00	<input checked="" type="checkbox"/>
33	FOREMEN RATE	Component	30	0.76	*	92.50	70.56	<input type="checkbox"/>
34	JOURNEYMEN RATE	Component	31	7.63	*	87.00	663.64	<input type="checkbox"/>
35	APPRENT. RATE	Component	32	0.00	*		0.00	<input type="checkbox"/>
36	SUBTOTAL						734.19	<input type="checkbox"/>
37	*****						0.00	<input type="checkbox"/>
38	*INDIRECT LABOR:						0.00	<input type="checkbox"/>
39	TRUCK DRIVER	Calculated		0.00	*		0.00	<input type="checkbox"/>
40	SUBTOTAL						0.00	<input type="checkbox"/>
41	*****						0.00	<input type="checkbox"/>
42	*NON-PROD. LABOR:						0.00	<input type="checkbox"/>
43	G.F OR SUPER HRS	Labor	Total	7.63	%		0.00	<input checked="" type="checkbox"/>
44	G.F. OR SUPER RATE	Component	43	0.00	*		0.00	<input type="checkbox"/>
45	TRAVEL TIME	Calculated		0.00	*		0.00	<input type="checkbox"/>
46	OVERTIME	Calculated		0.00	*		0.00	<input type="checkbox"/>
47	SUBTOTAL						0.00	<input type="checkbox"/>
48	*****						0.00	<input type="checkbox"/>
49	*DIRECT JOB EXP:						0.00	<input type="checkbox"/>

**JOB 2670** E06170: E06170 LAX WWTP...  
**ESTIMATE 1** E06170: E06170 LAX WWTP...  
**DATA SET 12** WA Roosevelt pricing  
**DATE** 12/7/2021 2:52:07 PM

Kish & Sons Electric, Inc.  
 2135 Enterprise Avenue  
 La Crosse, WI 54603  
 608-785-0207 / 608-782-5599  
 KThesing@kischelectric.com

Index	Description	Reference T...	Reference	Ref Amount	Operation	Rate	Amount	Ref Only
50	P/R TAX % - DIRECT	Component	36	734.19	%		0.00	<input type="checkbox"/>
51	P/R TAX % - INDIRECT	Component	40	0.00	%		0.00	<input type="checkbox"/>
52	P/R TAX % - NON-PROD	Component	47	0.00	%		0.00	<input type="checkbox"/>
53	SPECIAL INSURANCE						0.00	<input type="checkbox"/>
54	EQUIPMENT RENTAL						0.00	<input type="checkbox"/>
55	TOOLS EXPENDABLE	Material	Total	958.90	%		0.00	<input type="checkbox"/>
56	PERMIT_INSPECT FEE						0.00	<input type="checkbox"/>
57	JOB TRAILER						0.00	<input type="checkbox"/>
58	TELEPHONE						0.00	<input type="checkbox"/>
59	DRAWING/ENGINEERING						0.00	<input type="checkbox"/>
60	TRAVEL EXPENSES						0.00	<input type="checkbox"/>
61	TEMP POWER						0.00	<input type="checkbox"/>
62	SUBTOTAL						0.00	<input type="checkbox"/>
63	*****						0.00	<input type="checkbox"/>
64	*SUB CONTRACTS:						0.00	<input type="checkbox"/>
65	TRENCHING						0.00	<input type="checkbox"/>
66	RIGGING						0.00	<input type="checkbox"/>
67	TESTING						0.00	<input type="checkbox"/>
68	CONCRETE						0.00	<input type="checkbox"/>
69	SUBTOTAL						0.00	<input type="checkbox"/>
70	*****						0.00	<input type="checkbox"/>
71	JOB SUBTOTAL						2,443.10	<input type="checkbox"/>
72	*****						0.00	<input type="checkbox"/>
73	*MARKUPS/OVERHEAD:						0.00	<input type="checkbox"/>
74	FLAT MARKUP %	Component	71	2,443.10	%	15.00	366.46	<input type="checkbox"/>
75	- OR -						0.00	<input type="checkbox"/>
76	MATERIAL	Component	2	958.90	%		0.00	<input type="checkbox"/>
77	MAJOR QUOTATIONS	Component	21	750.00	%		0.00	<input type="checkbox"/>
78	SALES TAX \$	Component	25	0.00	%		0.00	<input type="checkbox"/>
79	DIRECT LABOR	Component	36	734.19	%		0.00	<input type="checkbox"/>
80	INDIRECT LABOR	Component	40	0.00	%		0.00	<input type="checkbox"/>
81	NON-PRODUCTIVE LABOR	Component	47	0.00	%		0.00	<input type="checkbox"/>
82	DIRECT JOB EXPENSES	Component	62	0.00	%		0.00	<input type="checkbox"/>
83	SUB CONTRACTS	Component	69	0.00	%		0.00	<input type="checkbox"/>
84	JOB TOTAL						2,809.56	<input type="checkbox"/>
85	*****						0.00	<input type="checkbox"/>
86	PROFIT	Component	84	2,809.56	%		0.00	<input checked="" type="checkbox"/>
87	JOB TOTAL + PROFIT	Component	86	0.00	*	1.00	2,809.56	<input type="checkbox"/>
88	BOND	Component	87	2,809.56	%		0.00	<input checked="" type="checkbox"/>
89	ADD BOND	Component	88	0.00	*	1.00	2,809.56	<input type="checkbox"/>
90	PERMIT	Component	89	2,809.56	%		0.00	<input checked="" type="checkbox"/>
91	ADD PERMIT	Component	90	0.00	*	1.00	2,809.56	<input type="checkbox"/>
92	COST PER SQ FT	Component	91	2,809.56	/		0.00	<input checked="" type="checkbox"/>
93	*****						0.00	<input type="checkbox"/>
94	*****						0.00	<input type="checkbox"/>
95	BID TOTAL						2,809.56	<input type="checkbox"/>



## Kyle Thesing

---

**From:** Alan Clemens <aclemens@lwallen.com>  
**Sent:** Monday, December 6, 2021 1:21 PM  
**To:** Kyle Thesing  
**Cc:** Jared Peterson  
**Subject:** RE: 13655 La Crosse WWTF - RFP 007 - Revised capacity of Pumps 500-P-4821 and -4822

Kyle,

The \$750 I originally told you is still a good price. This is to change the VFDs for 500-P-4821 and -4822 from 20 to 25 HP.

Thanks,

Alan Clemens  
Project Engineer



Altronex Control Systems  
Division of L.W. Allen, LLC  
4633 Tompkins Drive  
Madison, WI 53716  
PH. 608.222.8622 ext. 1471  
Fax 608.222.9414  
[Aclemens@lwallen.com](mailto:Aclemens@lwallen.com)

**From:** Kyle Thesing <kthesing@kiselectric.com>  
**Sent:** Friday, December 3, 2021 6:04 AM  
**To:** Alan Clemens <aclemens@lwallen.com>  
**Cc:** Jared Peterson <jpeterson@kiselectric.com>  
**Subject:** FW: 13655 La Crosse WWTF - RFP 007 - Revised capacity of Pumps 500-P-4821 and -4822

[ **Warning!** ] This email originated from an external source. Please use caution when clicking on links or opening attachments.

Good morning

See below comments from Donohue, please revise pricing. I would like to send revised pricing back by next week Wednesday.

Thanks,

Kyle Thesing  
Project Manager/Estimator

**JOB 2670** E06170: E06170 LAX WWTP...  
**ESTIMATE 1** E06170: E06170 LAX WWTP...  
**DATA SET 12** WA Roosevelt pricing

Kish & Sons Electric, Inc.  
 2135 Enterprise Avenue  
 La Crosse, WI 54603  
 608-785-0207 / 608-782-5599  
 KThesing@kischelectric.com

**PRINTED** 12/7/2021 2:50:52 PM  
**MATERIAL** Discounted  
**LABOR** Primary

**NOTES**

Item						
#	Size	Item Desc	Qty	UOM	Mat Ext	Lbr Ext
2		3/cond #8 VFD cable	-200.00		-2,040.00	-6.0000
3		3/cond #6 VFD cable	200.00		2,206.00	8.0000
4	3/4"	PVC SCH 40	-180.00	FEET	-198.00	-4.5000
5	1 1/4"	PVC SCH 40	180.00	FEET	682.20	7.2000
6	3/4"	ALUM CONDUIT	-20.00	FEET	-34.20	-0.7400
7	1 1/4"	ALUM CONDUIT	20.00	FEET	68.60	0.8800
8	3/4"	PVC SCH 40 90 ELBOW	-4.00	EACH	-1.44	-0.4000
9	1 1/4"	PVC SCH 40 90 ELBOW	4.00	EACH	3.24	0.6000
10	3/4"	GRC FIELD BENDS	0.00	EACH	0.00	0.0000
11	3/4"	ALUM 90 ELBOW	-2.00	EACH	-51.26	-0.5320
12	1 1/4"	ALUM 90 ELBOW	2.00	EACH	109.98	0.9000
13	3/4"	PVC COUPLING	-8.00	EACH	-0.88	-0.2400
14	1 1/4"	PVC COUPLING	8.00	EACH	1.84	0.4800
15	3/4"	PVC BOX ADPT/MALE	-2.00	EACH	-0.42	-0.2000
16	1 1/4"	PVC BOX ADPT/MALE	2.00	EACH	0.68	0.3000
17	3/4"	GRC COUPLING	0.00	EACH	0.00	0.0000
18	3/4"	LOCKNUT	-10.00	EACH	-1.00	-0.3000
19	1 1/4"	LOCKNUT	10.00	EACH	2.60	0.5000
20	3/4"	PLASTIC BUSHINGS	-2.00	EACH	-0.22	-0.2400
21	1 1/4"	PLASTIC BUSHINGS	2.00	EACH	0.36	0.4000
22	3/4"	BONDING BUSHINGS-INS	-4.00	EACH	-13.40	-0.9200
23	1 1/4"	BONDING BUSHINGS-INS	4.00	EACH	17.96	1.0000
24	3/4"	CUT/THREAD-LABOR	-8.00	EACH	-40.00	-1.4400
25	1 1/4"	CUT/THREAD-LABOR	4.00	EACH	24.00	1.2000
26	3/4"	ALUM COUPLING	-2.00	EACH	-10.58	-0.0400
27	1 1/4"	ALUM COUPLING	2.00	EACH	17.78	0.0800
28	3/4"	PVC COATED GRC 40MIL	-30.00	FEET	-284.10	-2.4000
29	1 1/4"	PVC COATED GRC 40MIL	30.00	FEET	465.30	3.6000
30	3/4"	PVC COATED ELB 40MIL	-2.00	EACH	-61.16	-1.2000
31	1 1/4"	PVC COATED ELB 40MIL	2.00	EACH	86.20	1.6000
32	3/4"	PVC CTD COUP 40MIL	-2.00	EACH	-17.14	-0.0200
33	1 1/4"	PVC CTD COUP 40MIL	2.00	EACH	25.96	0.0600
Grand Totals					958.90	7.6280

## SPEED LETTER



3311 Weeden Creek Road | Sheboygan, WI 53081  
920.208.0296 | donohue-associates.com

DATE: October 14, 2021

TO: Mr. Nick Beil  
CD Smith Construction  
125 Camelot Drive  
Fond du Lac, WI 54935  
Phone: 715.897.2219

CONTRACT: City of La Crosse 2021 Wastewater  
Treatment Facility Upgrades

PROJECT NO: 13735

MESSAGE: **Request for Proposal 009: New distribution section for existing 160-SWBD-1.**

Nick,

This Request for Proposal (RFP) is being prepared for providing a new distribution section in the existing switchboard 160-SWBD-1.

Please provide a detailed cost proposal to make the following changes to work in the project:

1. New distribution section without breaker. (Three of the new breakers shall be installed in this new section and shall not incur any cost)
2. New equipment pad for the distribution section.

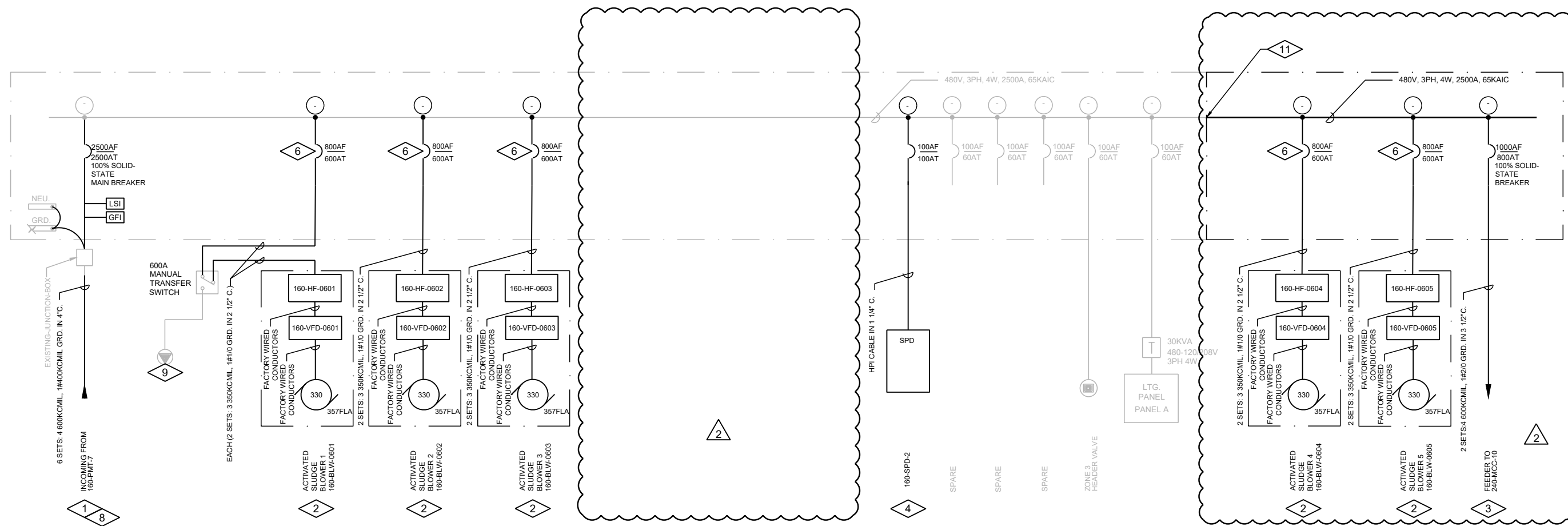
Please provide a detailed cost proposal for this work—including material costs, equipment costs, labor hours, cost of labor, markups, profit, and subcontractor costs (also broken down into material costs, equipment costs, labor hours, cost of labor, markups, and profit) and supporting vendor pricing information.

Attachments: 007-E-24 and 160-EN-205.

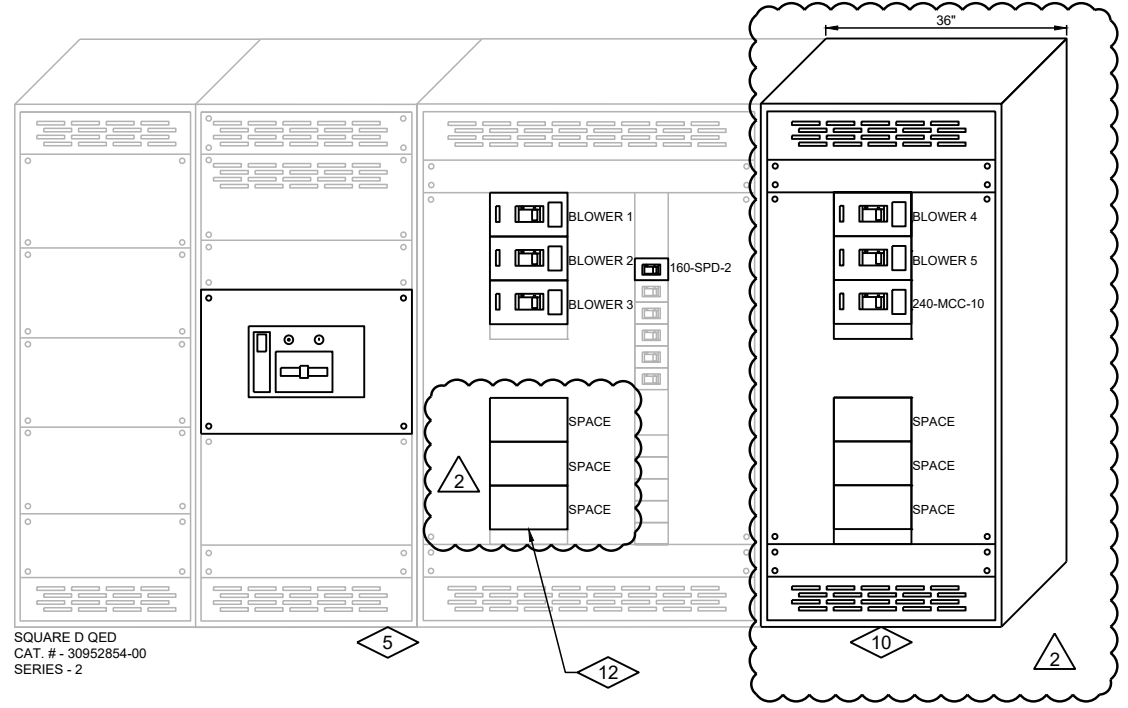
Please contact me if you have any questions in regard to this request for proposal.

Sincerely,

By:   
Amber J. Marzahl, P.E., Construction Contract Administrator



**160-SWBD-1  
ONE-LINE DIAGRAM  
160 PLANT 2**  
NTS



**160-SWBD-1  
SWITCHGEAR ELEVATION  
160 PLANT 2**  
NTS

**PANEL SCHEDULE**  
**160-LP-1**

CKT. NO.	TRIP/P	DESCRIPTION	PHASE			DESCRIPTION	TRIP/P	CKT. NO.
			A	B	C			
1	20/1	SPARE				SPARE	20/1	2
3	20/1	SPARE				SPARE	20/1	4
5	20/1	SPARE				SPARE	20/1	6
7	20/1	SPARE				MCP PANEL	20/1	8
9	20/1	SPARE				SPARE	20/1	10
11	20/1	SPARE				SPARE	20/1	12
13	20/1	-				SPARE	20/1	14
15	20/1	-				SPARE	20/1	16
17	20/1	SPARE				SPARE	20/1	18
19	20/1	SPARE				SPARE	20/1	20
21	20/1	SPARE				SPARE	20/1	22
23	20/1	SPARE				SPARE	20/1	24
25	20/1	SPARE				SPARE	20/1	26
27	20/1	SPARE				SPARE	20/1	28
29	20/1	SPARE				SPARE	20/1	30
31	-	SPACE				SPACE	-	32
33	-	SPACE				SPACE	-	34
35	-	SPACE				SPACE	-	36
37	-	SPACE				SPACE	-	38
39	40/3	MAIN				SPACE	-	40
41	-	SPACE				SPACE	-	42
TOTALS:			-	-	-	-		

SQUARE D  
CAT. # - 12309528540030001  
NQ PANELBOARD

**GENERAL NOTES:**

- CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS, DIMENSIONS, AND ELEVATIONS PRIOR TO CONSTRUCTION AND/OR FABRICATION.
- SEE SPECIFICATION SECTION 01 11 00 FOR PROJECT SEQUENCES AND CONSTRAINTS.
- NEW EQUIPMENT INSTALLED IN EXISTING SWITCHBOARD SHALL MATCH EXISTING MANUFACTURER, STYLE, RATING, AND COLOR.
- PROVIDE NECESSARY APPURTENANCES FOR INSTALLATION OF NEW EQUIPMENT IN EXISTING SWITCHBOARD.

**PLAN NOTES:**

- PROVIDE AND ROUTE NEW CONDUCTORS FROM 160-PMT-7 TO 160-SWBD-1. PROVIDE NEW CONDUIT FROM 160-PMT-7. INTERCEPT EXISTING CONDUIT BELOW GRADE AT THE OUTSIDE JUNCTION BOX. RE-USE EXISTING JUNCTION BOX.
- PROVIDE NEW I-LINE CIRCUIT BREAKER. ROUTE NEW CONDUIT AND CONDUCTORS TO LOAD.
- PROVIDE NEW I-LINE CIRCUIT BREAKER AND ROUTE NEW CONDUIT AND CONDUCTORS TO 240-MCC-10.
- PROVIDE NEW I-LINE CIRCUIT BREAKER FOR NEW SPD. MOUNT SPD SUCH THAT THE LENGTH OF HPI CABLE SHALL BE AS SMALL AS POSSIBLE AND SHALL NOT EXCEED 10'-0". PROVIDE NEW NAMEPLATE.
- RE-LABEL EXISTING MAIN SWITCHBOARD TO "160SWBD-1". PROVIDE NEW NAMEPLATE.
- COORDINATE BREAKER SIZE WITH THE MAIN BREAKER IN THE EQUIPMENT PACKAGE. PROVIDE BREAKER EQUAL OR GREATER THAN THE MAIN BREAKER IN THE EQUIPMENT PACKAGE.
- RE-LABEL LIGHTING PANEL AS SHOWN. PROVIDE NEW NAMEPLATE.
- PROVIDE NEW 100% RATED MAIN CIRCUIT BREAKER. MOUNT NEW MAIN BREAKER IN THE SAME LOCATION AS THE REMOVED. PROVIDE ALL NECESSARY APPURTENANCES FOR SWITCHBOARD
- RE-USE EXISTING MANUAL TRANSFER SWITCH AND GENERATOR RECEPTACLE
- PROVIDE NEW DISTRIBUTION SECTION AND ASSOCIATED BREAKERS.
- SPLICE EXISTING BUS TO NEW BUS IN THE NEW DISTRIBUTION SECTION. PROVIDE ALL ASSOCIATED APPURTENANCES.
- PROVIDE COVERS AS REQUIRED FOR SPACES.

Revision Number	Revision Description	Checked By	Date
1	CONFORMED TO CONTRACT	MBS	04/05/21
2	RFP 009	JAB	10/14/2021

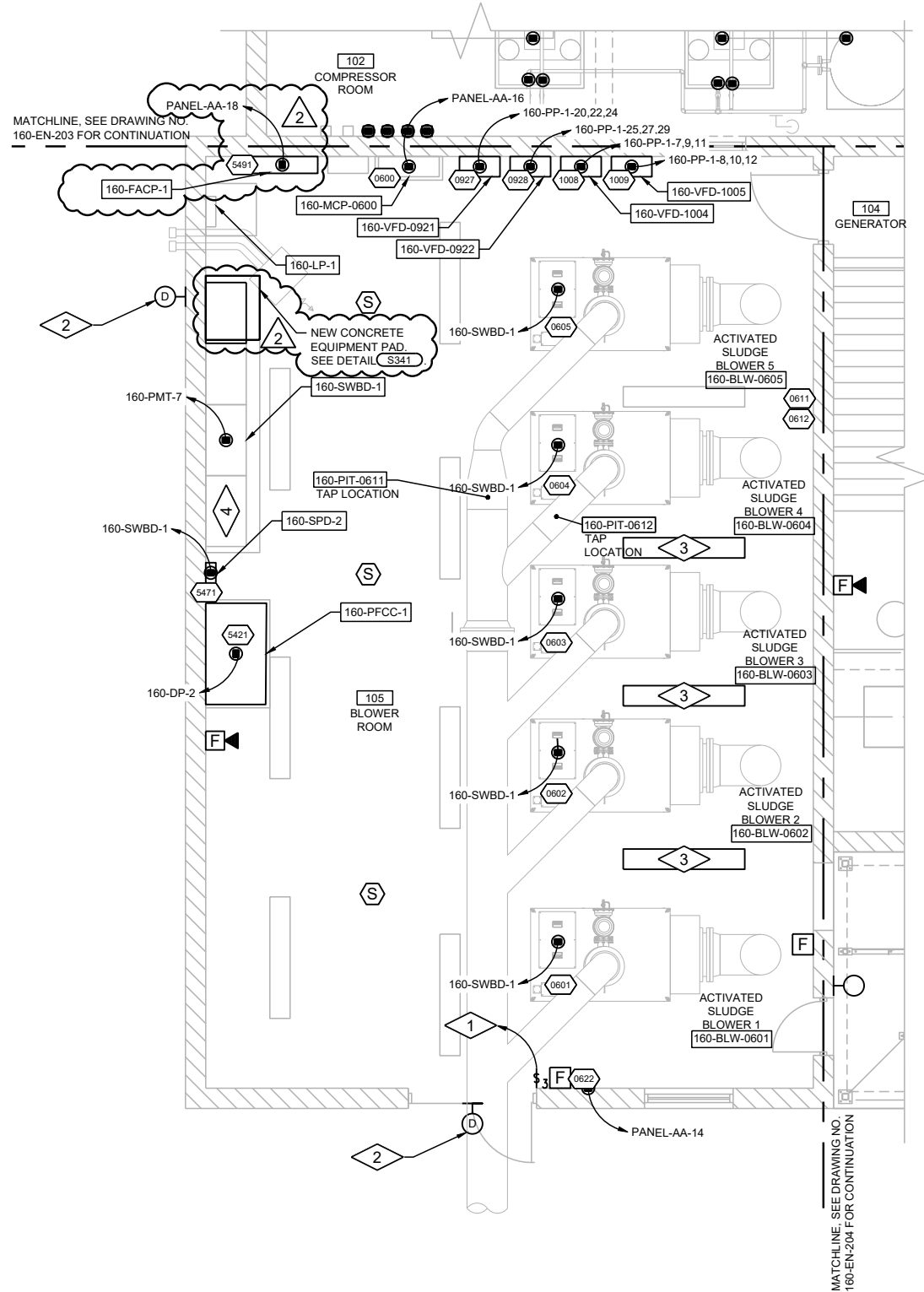
Designed By: AF  
Drawn By: AF  
Checked By: MBS  
Approved By: E.JL  
Filename: 007E24B.DWG  
Project No: 13655  
Project Date: 3/24/2021

**CITY OF LA CROSSE  
2021 WASTEWATER TREATMENT  
FACILITY UPGRADES  
LA CROSSE WISCONSIN**

**ELECTRICAL DISTRIBUTION - BLDG. 160  
ONE-LINE DIAGRAM AND ELEVATION**

**DONOHUE**

Sheet No. 124  
Drawing No. 007-E-24



**PARTIAL GRADE PLAN**  
0 1' 4'

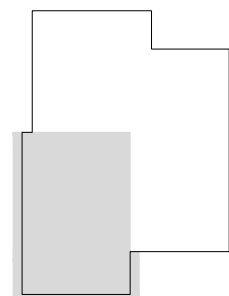
**GENERAL NOTES:**

1. CONTRACTOR TO FIELD VERIFY EXISTING CONDITIONS, DIMENSIONS, AND ELEVATIONS PRIOR TO CONSTRUCTION AND/OR FABRICATION.
2. REFER TO 001 SERIES OF DRAWINGS FOR THE SPACE ENVIRONMENT/HAZARDOUS RATING SCHEDULE REGARDING ENVIRONMENTAL CONDITIONS ANTICIPATED WITHIN EACH SPACE AND ALLOWABLE MATERIALS OF CONSTRUCTION TO BE USED WITHIN EACH SPACE.
3. HAZARDOUS RATINGS IDENTIFIED ON THIS DRAWING INDICATE SPACES IN WHICH A HAZARDOUS ENVIRONMENT MAY GENERALLY EXIST. CONTRACTOR SHALL REFER TO SPACE ENVIRONMENT/HAZARDOUS RATING SCHEDULE IN 001 SERIES OF DRAWINGS FOR ADDITIONAL INFORMATION EXPLAINING THE EXTENT AND ENVELOPE ASSOCIATED WITH THESE HAZARDS.

**PLAN NOTES:**

1. EXTEND NEW CONDUIT AND CONDUCTORS FROM EXISTING LIGHT FIXTURES TO NEW SWITCH. MAINTAIN FUNCTIONALITY AS EXISTING.
2. INSTALL NEW LIGHT FIXTURE IN THE SAME LOCATION AS REMOVED. RE-TERMINATE EXISTING CONDUIT AND CONDUCTORS.
3. RELOCATE EXISTING LIGHT FIXTURE. SPLICE AND EXTEND CONDUIT AND CONDUCTORS AS REQUIRED.
4. PROVIDE WARNING NAMEPLATE ON MAIN BREAKER SECTION, STATING "TWO SERVICE ENTRANCES IN THIS STRUCTURE. ONE IS HERE AND OTHER AT 160-MCC-2".

ID	TAG NAME	DESCRIPTION	DETAIL	WIRING	DESTINATION	ID	COMMENT
0600	160-MCP-0600	ACTIVATED SLUDGE MASTER CONTROL PANEL	N170	(1) CE	RTU-7	0699	
0601	160-BLW-0601	ACTIVATED SLUDGE BLOWER 1	MFR.	(1) CE			
0602	160-BLW-0602	ACTIVATED SLUDGE BLOWER 2	MFR.	(1) CE			
0603	160-BLW-0603	ACTIVATED SLUDGE BLOWER 3	MFR.	(1) CE	160-MCP-0600	0600	
0604	160-BLW-0604	ACTIVATED SLUDGE BLOWER 4	N/A	(1) CE			
0605	160-BLW-0605	ACTIVATED SLUDGE BLOWER 5	N/A	(1) CE			
0611	160-PIT-0611	PRESSURE TRANSMITTER	N591	(1) STP	RTU-7	0699	
0612	160-PIT-0612	PRESSURE TRANSMITTER	N591	(1) STP	160-MCP-0600	0600	
0622	160-FIT-0621	FLOW TRANSMITTER	N171	(1) STP	RTU-7	0699	
0927	160-VFD-0921	WAS PUMP 1 VFD	MFR.	(4) #14 (1) STP (1) CE	RTU-7	0699	
0928	160-VFD-0922	WAS PUMP 2 VFD	MFR.	(4) #14 (1) STP (1) CE	RTU-7	0699	
1008	160-VFD-1004	PRIMARY PUMP 4 VFD	MFR.	(4) #14 (1) STP (1) CE	RTU-7	0699	
1009	160-VFD-1005	PRIMARY PUMP 5 VFD	MFR.	(4) #14 (1) STP (1) CE	RTU-7	0699	
5421	160-PFCC-1	POWER FACTOR CORRECTION CAPACITOR BANK	MFR.	(2) #14	RTU-7	0699	
5471	150-SPD-2	SURGE PROTECTIVE DEVICE	MFR.	(2) #14	RTU-7	0699	
5491	160-FACP-1	FIRE ALARM CONTROL PANEL	N170	(4) #14 (2) #14	160-TCP-5481	5481	



**KEY PLAN**

Revision Number	Revision Description	Checked By	Date
1	CONFORMED TO CONTRACT	MBS/RJN	04/05/21
2	RFP 008	JAB	10/14/2021

Designed By	AF/DWG
Drawn By	AF/DWG
Checked By	MBS/RJN
Approved By	EJL
Filename	160ENP1.DWG
Project No.	13655
Project Date	3/24/2021

**CITY OF LA CROSSE  
2021 WASTEWATER TREATMENT  
FACILITY UPGRADES  
LA CROSSE WISCONSIN**

**PLANT 2  
PLAN**



Sheet No. 371  
Drawing No.



PCI #COR015

C.D. Smith Construction, Inc.  
125 Camelot Drive  
Fond du Lac WI, 54935  
Phone: 1 920 924.2900

Project: 210194 - La Crosse WWTF  
905 Joseph Houska Drive  
La Crosse, WI 54601

## Potential Change Item #COR015

### MCC Changes to 160 SWBD and 500 SWBD

<b>To:</b>	City Of La Crosse Attn: City Treasurer 400 La Crosse Street La Crosse, WI 54601	<b>From:</b>	C.D. Smith Construction, Inc. 125 Camelot Drive Fond du Lac WI, 54935
<b>Status:</b>	Pricing-No Forecast	<b>Created Date</b>	2021-12-17
<b>Schedule Impact:</b>		<b>OCO Number:</b>	

#### POTENTIAL CHANGE ITEM SCOPE DESCRIPTION: *(The Contract Is Changed As Follows)*

Add section to 160 SWBD and change rating on 500 SWBD for NEMA 1 to 3r

#### ATTACHMENTS:

Description	Cost Code	Category	Quantity	W/M	Rate	Final Amount
RFC 005 160 SWBD section	260000	S		LS	\$	\$17,446.94
RFC 007 500 SWBD 3R	260000	S		LS	\$	\$10,189.87
<b>Bond:</b>						\$290.19
<b>Subcontract markup:</b>						\$1,381.84
<b>Grand Total:</b>						<b>\$29,308.84</b>

**City Of La Crosse**  
Attn: City Treasurer 400 La Crosse Street  
La Crosse, WI 54601

**C.D. Smith Construction, Inc.**  
125 Camelot Drive  
Fond du Lac WI, 54935

\_\_\_\_\_  
SIGNATURE

\_\_\_\_\_  
DATE

\_\_\_\_\_  
SIGNATURE

\_\_\_\_\_  
DATE



2135 Enterprise Avenue  
2135 Enterprise Avenue  
La Crosse, WI 54603-1754

## Request for Change

WKT191 - LX WWTP 2021 IMPROVEMENTS  
RFC Number: 5  
Date: 11/15/2021

**Regarding:**

RFP#009 - 160-SWBD-1; ADDITIONAL SECTION.

**To:**

CD SMITH  
889 East Johnson Street  
FOND DU LAC, WI 54935

**Job Site:**

LX WWTP 2021 IMPROVEMENTS  
LA CROSSE WASTE WATER  
905 HOUSKA DRIVE  
LA CROSSE, WI 54601

Requested By:	Phone:	E-mail:
KYLE L THESING	(608) 785-0207	kthesing@kischelectric.com

Recipients:	Phone:	E-mail:
NICK BEIL		nbeil@cdsmith.com

Requested Change:	Change to Contract
RFP#009 - 160-SWBD-1; ADDITIONAL SECTION.	\$ 17446.94
****ORIGINAL BREAKERS ARE NOT INCLUDED, THEY WILL BE INSTALLED INTO THE NEW SECTION	\$ 0.00
****EQUIPMENT PAD IS NOT INCLUDED	\$ 0.00

<b>RFC Total</b>	<b>\$ 17446.94</b>
------------------	--------------------

Please respond by: 11/19/2021

KYLE L THESING  
Kish & Sons Electric, Inc.

NICK BEIL  
CD SMITH

**JOB 2670** E06170: E06170 LAX WWTP...  
**ESTIMATE 1** E06170: E06170 LAX WWTP...  
**DATA SET 12** WA Roosevelt pricing  
**DATE** 11/15/2021 1:35:43 PM

Kish & Sons Electric, Inc.  
 2135 Enterprise Avenue  
 La Crosse, WI 54603  
 608-785-0207 / 608-782-5599  
 KThesing@kischelectric.com

Index	Description	Reference T...	Reference	Ref Amount	Operation	Rate	Amount	Ref Only
1	MATERIAL TOTAL:	Material	Total	50.00	*	1.00	50.00	<input type="checkbox"/>
2	SUBTOTAL						50.00	<input type="checkbox"/>
3	*****						0.00	<input type="checkbox"/>
4	*MAJOR QUOTATIONS						0.00	<input type="checkbox"/>
5	FIXTURE QUOTES:						0.00	<input type="checkbox"/>
6	FIXTURE QUOTE 1	Calculated		0.00	*		0.00	<input type="checkbox"/>
7	FIXTURE QUOTE 2	Calculated		0.00	*		0.00	<input type="checkbox"/>
8	FIXTURE QUOTE 3	Calculated		0.00	*		0.00	<input type="checkbox"/>
9	FIXTURE QUOTE 4	Calculated		0.00	*		0.00	<input type="checkbox"/>
10	SWITCHGEAR QUOTES:						11,215.00	<input type="checkbox"/>
11	SW GEAR QUOTE 1	Calculated		0.00	*		0.00	<input type="checkbox"/>
12	SW GEAR QUOTE 2	Calculated		0.00	*		0.00	<input type="checkbox"/>
13	SW GEAR QUOTE 3	Calculated		0.00	*		0.00	<input type="checkbox"/>
14	SW GEAR QUOTE 4	Calculated		0.00	*		0.00	<input type="checkbox"/>
15	EMERGENCY GENERATOR	Calculated		0.00	*		0.00	<input type="checkbox"/>
16	FIRE ALARM QUOTES:						0.00	<input type="checkbox"/>
17	FIRE ALARM QUOTE 1	Calculated		0.00	*		0.00	<input type="checkbox"/>
18	FIRE ALARM QUOTE 2	Calculated		0.00	*		0.00	<input type="checkbox"/>
19	SOUND	Calculated		0.00	*		0.00	<input type="checkbox"/>
20	CLOCK	Calculated		0.00	*		0.00	<input type="checkbox"/>
21	SUBTOTAL						11,215.00	<input type="checkbox"/>
22	*****						0.00	<input type="checkbox"/>
23	MATERIAL SALES TAX %	Component	2	50.00	%		0.00	<input type="checkbox"/>
24	MAT'L QUOTES TAX %	Component	21	11,215.00	%		0.00	<input type="checkbox"/>
25	SUBTOTAL						0.00	<input type="checkbox"/>
26	*****						0.00	<input type="checkbox"/>
27	*DIRECT LABOR:						0.00	<input type="checkbox"/>
28	AVERAGE RATE	Labor	Total	25.00	*		0.00	<input type="checkbox"/>
29	- OR -						0.00	<input type="checkbox"/>
30	FOREMEN HRS	Labor	Total	25.00	%	10.00	2.50	<input checked="" type="checkbox"/>
31	JOURNEYMEN HRS	Labor	Total	25.00	%	100.00	25.00	<input checked="" type="checkbox"/>
32	APPRENT. HRS	Labor	Total	25.00	%		0.00	<input checked="" type="checkbox"/>
33	FOREMEN RATE	Component	30	2.50	*	92.50	231.25	<input type="checkbox"/>
34	JOURNEYMEN RATE	Component	31	25.00	*	87.00	2,175.00	<input type="checkbox"/>
35	APPRENT. RATE	Component	32	0.00	*		0.00	<input type="checkbox"/>
36	SUBTOTAL						2,406.25	<input type="checkbox"/>
37	*****						0.00	<input type="checkbox"/>
38	*INDIRECT LABOR:						0.00	<input type="checkbox"/>
39	TRUCK DRIVER	Calculated		0.00	*		0.00	<input type="checkbox"/>
40	SUBTOTAL						0.00	<input type="checkbox"/>
41	*****						0.00	<input type="checkbox"/>
42	*NON-PROD. LABOR:						0.00	<input type="checkbox"/>
43	G.F OR SUPER HRS	Labor	Total	25.00	%		0.00	<input checked="" type="checkbox"/>
44	G.F. OR SUPER RATE	Component	43	0.00	*		0.00	<input type="checkbox"/>
45	TRAVEL TIME	Calculated		0.00	*		0.00	<input type="checkbox"/>
46	OVERTIME	Calculated		0.00	*		0.00	<input type="checkbox"/>
47	SUBTOTAL						0.00	<input type="checkbox"/>
48	*****						0.00	<input type="checkbox"/>
49	*DIRECT JOB EXP:						0.00	<input type="checkbox"/>



**JOB 2670** E06170: E06170 LAX WWTP...  
**ESTIMATE 1** E06170: E06170 LAX WWTP...  
**DATA SET 12** WA Roosevelt pricing  
**DATE** 11/15/2021 1:35:43 PM

Kish & Sons Electric, Inc.  
 2135 Enterprise Avenue  
 La Crosse, WI 54603  
 608-785-0207 / 608-782-5599  
 KThesing@kischelectric.com

Index	Description	Reference T...	Reference	Ref Amount	Operation	Rate	Amount	Ref Only
50	P/R TAX % - DIRECT	Component	36	2,406.25	%		0.00	<input type="checkbox"/>
51	P/R TAX % - INDIRECT	Component	40	0.00	%		0.00	<input type="checkbox"/>
52	P/R TAX % - NON-PROD	Component	47	0.00	%		0.00	<input type="checkbox"/>
53	SPECIAL INSURANCE						0.00	<input type="checkbox"/>
54	EQUIPMENT RENTAL						0.00	<input type="checkbox"/>
55	TOOLS EXPENDABLE	Material	Total	50.00	%		0.00	<input type="checkbox"/>
56	PERMIT_INSPECT FEE						0.00	<input type="checkbox"/>
57	JOB TRAILER						0.00	<input type="checkbox"/>
58	TELEPHONE						0.00	<input type="checkbox"/>
59	DRAWING/ENGINEERING						0.00	<input type="checkbox"/>
60	TRAVEL EXPENSES						0.00	<input type="checkbox"/>
61	TEMP POWER						0.00	<input type="checkbox"/>
62	SUBTOTAL						0.00	<input type="checkbox"/>
63	*****						0.00	<input type="checkbox"/>
64	*SUB CONTRACTS:						0.00	<input type="checkbox"/>
65	TRENCHING						0.00	<input type="checkbox"/>
66	RIGGING						1,500.00	<input type="checkbox"/>
67	TESTING						0.00	<input type="checkbox"/>
68	CONCRETE						0.00	<input type="checkbox"/>
69	SUBTOTAL						1,500.00	<input type="checkbox"/>
70	*****						0.00	<input type="checkbox"/>
71	JOB SUBTOTAL						15,171.25	<input type="checkbox"/>
72	*****						0.00	<input type="checkbox"/>
73	*MARKUPS/OVERHEAD:						0.00	<input type="checkbox"/>
74	FLAT MARKUP %	Component	71	15,171.25	%	15.00	2,275.69	<input type="checkbox"/>
75	- OR -						0.00	<input type="checkbox"/>
76	MATERIAL	Component	2	50.00	%		0.00	<input type="checkbox"/>
77	MAJOR QUOTATIONS	Component	21	11,215.00	%		0.00	<input type="checkbox"/>
78	SALES TAX \$	Component	25	0.00	%		0.00	<input type="checkbox"/>
79	DIRECT LABOR	Component	36	2,406.25	%		0.00	<input type="checkbox"/>
80	INDIRECT LABOR	Component	40	0.00	%		0.00	<input type="checkbox"/>
81	NON-PRODUCTIVE LABOR	Component	47	0.00	%		0.00	<input type="checkbox"/>
82	DIRECT JOB EXPENSES	Component	62	0.00	%		0.00	<input type="checkbox"/>
83	SUB CONTRACTS	Component	69	1,500.00	%		0.00	<input type="checkbox"/>
84	JOB TOTAL						17,446.94	<input type="checkbox"/>
85	*****						0.00	<input type="checkbox"/>
86	PROFIT	Component	84	17,446.94	%		0.00	<input checked="" type="checkbox"/>
87	JOB TOTAL + PROFIT	Component	86	0.00	*	1.00	17,446.94	<input type="checkbox"/>
88	BOND	Component	87	17,446.94	%		0.00	<input checked="" type="checkbox"/>
89	ADD BOND	Component	88	0.00	*	1.00	17,446.94	<input type="checkbox"/>
90	PERMIT	Component	89	17,446.94	%		0.00	<input checked="" type="checkbox"/>
91	ADD PERMIT	Component	90	0.00	*	1.00	17,446.94	<input type="checkbox"/>
92	COST PER SQ FT	Component	91	17,446.94	/		0.00	<input checked="" type="checkbox"/>
93	*****						0.00	<input type="checkbox"/>
94	*****						0.00	<input type="checkbox"/>
95	BID TOTAL						17,446.94	<input type="checkbox"/>



**Expiration Date: 10/27/21**

## Quotation

**TO:**

KISH SONS ELEC(LAX)  
 2135 ENTERPRISE AVE  
 LA CROSSE, WI 54603-1754

**Project Info:**

Project: LAX WWTP-RFI # 47 - SERVICES SWBD  
 Job #: 15484  
 Bid Date: 10/22/21  
 Bid Time: 02:00 PM CDT  
 Quoter: Jason Hollermann

Type	Quantity	Vendor	Description	Unit or Lot#	Unit Price	Ext Price
RFI # 47	1	SCHNEIDE	PRICE PER ATTACHED SQ-D BILL OF MATERIAL FOR ADDING SECTION TO SWITCHBOARD FOR ADDITONAL BREAKERS	Q-2864380	11,215.000	11,215.00

**From:**

DAKOTA SUPPLY GROUP - LAC  
 Phone 608-781-2000  
 2727 COMMERCE ST  
 LA CROSSE, WI 54603  
 Printed By: Jason Hollermann

<b>Total</b>	<b>11,215.00</b>
--------------	------------------

**Notes**



**Proposal Name:** La Crosse WTP

**Quote Name:** JE21\_209 – I-Line Section

-----  
**Proposal Number:** P-211018-2626372

**Quote Number:** Q-2864380 JE-21-84R1CO1

**Through Addenda Number:** 0

**Sales Representative:** Jeffrey Erlanson

**Conditions of Sale**

*Except as otherwise provided below, this Quotation is subject to Coordinated Project Terms. See <https://www.schneider-electric.us/en/download/document/0100PL0043>*

Notwithstanding any provision to the contrary in the referenced Coordinated Project Terms or any other documentation provided in connection with this proposal, this quote is valid for 30 days. Quoted lead times are approximate and subject to change.

Schneider Electric reserves the right to amend, withdraw or otherwise alter this submission without penalty or charge as a result of any event beyond its control arising from or due to the current Covid-19 epidemic or events subsequent to this epidemic / pandemic including changes in laws, regulations, by laws or direction from a competent authority.

**Total CUSTOMER Net**                      \$11,215.00

- **Pricing Clarification** - Due to the extreme volatility in the commodities markets, this quotation is valid for only 30 days. Currently there is extreme volatility in the steel, copper and plastics due to the evolving market conditions. We will do our best to hold pricing, but there are many factors beyond our control and these potential increases would be passed along to the customer. It is also assumed that this project will be executed within 12 months. If the execution timeline of this project exceeds this timeframe, any price escalations would also be passed along to the customer.
- **Shipment Clarification** - All lead-times referenced within this proposal are estimates only, unless specifically noted as a committed ship date. Due to the extreme volatility and shortages in the commodities markets, lead-times may increase. We will do what we can, within our control, to hold lead-times. In the event that a lead-time may increase, we will notify you as soon as we are aware, to lessen the impact to the project.



## Commitment to Safety

Schneider Electric is dedicated to providing industry leading products, solutions and services for today and the world of the future. We are committed to globally implementing superior safety practices, education and awareness. Our employees understand their responsibilities and are encouraged to embrace safety as a lifestyle. This global model not only applies to our internal business and manufacturing facilities, but is equally integrated into our products and the services provided to our customers.

Schneider Electric has received many acknowledgements for its work place safety practices including:

- **The Robert W. Campbell Award** - Presented by the National Safety Council (NSC) for world class operational safety practices. This honor has only been achieved by ten other organizations worldwide. (2009)
- **The Occupational Excellence Achievement Award (2009)** - Presented by the National Safety Council (NSC)
- **Green Cross for Safety Medal (2011)** - Presented by the National Safety Council (NSC)
- **The Safety Award for Excellence (2012)** - Presented by The Electrical Safety Foundation International

Through research, revolutionary engineering and innovative design, we strive to protect not only our employees, but our customers and the end users of our products and services.

*DISCLAIMER: The Customer acknowledges that the products or part thereof are produced in, or otherwise sourced from, or will be installed areas already affected by, or that may be affected in the future by, the prevailing COVID-19 epidemics/pandemic and that the situation may trigger stoppage, hindrance or delays in Vendor's (or its subcontractors) capacity to produce, deliver, install or service the products, irrespective of whether such stoppage, hindrance or delays are due to measures imposed by authorities or deliberately implemented by the Vendor (or its subcontractors) as preventive or curative measures to avoid harmful contamination exposure of Vendor's (or its subcontractors') employees. The Customer therefore recognizes that such circumstances shall be considered as a cause for **excusable delay** not exposing the Vendor to contractual sanctions including without limitation delay penalties, liquidated or other damages or termination for default.*

*Schneider Electric reserves the right to amend, withdraw or otherwise alter this submission without penalty or charge as a result of any event beyond its control arising from or due to the current Covid-19 epidemic or events subsequent to this epidemic / pandemic including changes in laws, regulations, by laws or direction from a competent authority.*

## Introduction

Per our understanding of your request and associated correspondence, Schneider Electric USA, Inc. (SEUSA) Services has based our offer on the information contained within this proposal. If this information is not accurate or there are changes to the proposed scheduling, then additional charges may apply.

## Scope of Work

SEUSA Services will perform the Scope of Work identified in this proposal per the following price:

Item #	Scope of Work
1	<p><b>Designation :</b>  <b>Product Details :</b> 1-SRVLVMADTTKY-LV Equipment Only - No Install            -----  <b>SCOPE OF WORK</b></p> <p>Provide the following I-Line Section that will connect to existing SWBD (FO#30952854-001)</p> <p><b>1 - Square D Custom Swbd-QED-2 Switchboard</b>            -----  <b>Square D Custom Swbd</b>  <b>Designed and Tested in accordance with:</b>  <b>UL 891/NATIONAL ELECTRIC CODE/NEMA PB-2</b>  <b>System Voltage - 480Y/277V 3Ph 4W 60Hz</b>  <b>Source Description - Main is Remote</b>  <b>System Ampacity - 2500A</b>  <b>Bussing - Silver Plated Copper</b>  <b>Neutral Bus - 100%</b>  <b>Max Available Fault Current (RMS) - 65kA</b>  <b>Enclosure - Type 1</b>  <b>Accessibility: Front Only</b>  <b>Exterior Paint Color - ANSI 49</b>  <b>Ground Lug provided for each device</b>  <b>Copper Ground Bus</b></p> <p><b>Dimensions</b>            -----  <b>1 - 36" Wide Section(s)</b>  <b>1 - 24" Deep Enclosure(s)</b>  <b>Dimensions: 36.00" W X 24" Max D X 91.5" H</b>  <b>Approximate Weight: 1045.00 lbs / 474.01 kgs</b></p> <p><b>Incoming Requirements</b>            -----  <b>UL Dead Front</b>  <b>Entry Point: Left of Lineup Through the Side</b>  <b>Middle Connected to Existing, Job Number</b>  <b>30952854-001</b></p>

<p><b>Feeders</b> -----</p> <p><b>Devices Associated with Remote Main:</b></p> <p><b>5 - 1200AF/600AT 480V 80% Rated 3 Pole UL, Group Mounted Electronic Trip Prepared Space: Type PJ</b></p> <p><b>1 - 1200AF/800AT 480V 80% Rated 3 Pole UL, Group Mounted Electronic Trip Prepared Space: Type PJ</b></p> <p><b>1 - 100AT 480V 80% Rated 65 kA 3 Pole UL, Group Mounted Electronic Prepared Space: Type HJ</b></p> <p><b>Estimated days to ship, excluding transit: 155 working days after customer release to manufacturer. See Conditions of Sale.</b></p> <p>-----</p>
--

*\*NOTE: Excluding Schneider Electric holidays, unless otherwise specified*

- > Unless otherwise noted, an outage of up to 12 hours will be necessary to perform the work.
- > If any additional electrical or mechanical defects are found during our investigation, these will be brought to your immediate attention. Authorization for these repairs and their costs will be agreed upon before any additional work is performed.

### Customer Responsibilities

- > Schedule power outage with the local utility or production and absorb all related costs.
- > Provide lighting and 120V power with GFI for Field Services' on-site electrical equipment, if required.
- > Provide qualified personnel to de-energize / re-energize equipment as defined by NFPA70E.
- > Provide qualified personnel to lock out equipment and verify zero energy state as defined by NFPA70E.
- > Provide qualified individual for grounding of equipment as required.
- > Provide proper workspace clear of obstruction with adequate temporary lighting for the walk ways and emergency exits. \*Work will not commence until adequate lighting is in place. \*
- > Provide a phone with defined emergency contact and site location in event of an emergency.
- > Provide an authorized person to sign all manifests for asbestos and PCB wastes (if any)
- > Labor and expense cost overruns due to:
  - Delays by others
  - Lack of equipment readiness for services outline herein

### Work Not Included

- > Any site-specific meetings or customer specific safety or clearance training greater than one hour conducted during the date of service or required outside the dates of service.
- > Development of switching procedures and/or MOP's.
- > Update of original factory order drawings.
- > Additional site visits or meetings beyond that required to perform the scope of work above

### Schedule

Services should be scheduled at least 10 working days in advance (20 days for holidays), and cancelled at least two working days in advance of scheduled start of service.

### Price

Price includes all travel, mileage, expenses and any applicable Field Service Reports that will document and detail the services performed.

This proposal is subject on the following:

- > Price quoted does not include any state, federal, or local taxes.
- > Service will be scheduled after receipt of order.
- > If tax exempt, exempt certificate must accompany purchase order.
- > Payment is due upon receipt of invoice.

### Payment Schedule

All projects will be billed based on execution milestones, schedule of values to be provided after receipt of PO. SEUSA may invoice purchaser monthly for all work performed, and for all equipment delivered to the job site or to an off-site

storage facility. Purchaser may delay the work, for a period not to exceed 60 days, by giving notice to SEUSA, and purchaser shall pay for all work prior to the delay, and will pay all costs incurred by SEUSA because of such delay.

## Proposal Acceptance

Due to the extreme volatility in the commodities markets, this quotation is valid for only 30 days. Currently there is extreme volatility in the steel markets (especially electrical steel) due to the evolving nature of the tariffs. We will do our best to hold the pricing but there are many factors beyond our control and these potential increases would be passed along to the customer. It is also assumed that this project will be executed within 12 months. If the execution timeline of this project exceeds this timeframe, any price escalations would also be passed along to the customer. In addition, any changes to the Scope of Work or Bill of Material will require a revised quotation which may result in a price change.

**To accept this proposal, issue a P.O. to a local Square D by Schneider Electric distributor (DSG)**

Click the link below or copy the URL and paste it into your browser to locate a SEUSA Services support center nearest you.

Link: <https://www.schneider-electric.us/en/work/support/locator/>

The following information is required:

- > Site contact name
- > Phone number
- > Email address

Please also include SEUSA account number (if known).

## Information on Additional Offers

- > [Electrical Distribution Services - Website](#)
- > Modernization & Upgrade:
  - Website: [Schneider Electric Modernization Solutions](#)
  - Blog: [True Cost of Switchgear Replacement](#)
  - White Paper: [Guidelines for Modernizing Existing Switchgear](#)
  - Videos: [Resource webpage](#)
  - Brochure: [Switchgear Modernization Brochure](#)
  - Catalog: [Circuit Breaker Modernization Selection Guide](#)
- > Arc Flash Safety:
  - Website: [Schneider Electric Arc Flash Safety](#)
  - Blog: [NFPA 70E 2018 Updates](#)
  - White Paper: [Mitigating Arc Flash Hazards](#)
  - Video: [Power System Assessment](#)
  - Brochure: [Engineering Services](#)



## Terms and Conditions

The work described in This quotation shall be governed by Schneider Electric's Standard Terms and Conditions of Sale, which may be found at:

[www.schneider-electric.us/termsandconditions](http://www.schneider-electric.us/termsandconditions)

This proposal has been distributed to you on a confidential basis for your information only. By accepting it, you agree not to disseminate it to any other person or entity in any manner and not to use the information for any purpose other than considering opportunities for a cooperative business relationship with Schneider Electric.



2135 Enterprise Avenue  
 2135 Enterprise Avenue  
 La Crosse, WI 54603-1754

## Request for Change

WKT191 - LX WWTP 2021 IMPROVEMENTS  
 RFC Number: 7  
 Date: 11/29/2021

**Regarding:**

500-SWBD-2 - 3R enclosure change.

**To:**

CD SMITH  
 889 East Johnson Street  
 FOND DU LAC, WI 54935

**Job Site:**

LX WWTP 2021 IMPROVEMENTS  
 LA CROSSE WASTE WATER  
 905 HOUSKA DRIVE  
 LA CROSSE, WI 54601

**Requested By:**

KYLE L THESING

**Phone:**

(608) 785-0207

**E-mail:**

kthesing@kischelectric.com

**Recipients:**

NICK BEIL

**Phone:**
**E-mail:**

nbeil@csmith.com

**Requested Change:**

500-SWBD-2 - 3R enclosure change.

QUOTE - NEMA 3R add

15% M/U

**Change to Contract**

\$ 0.00

\$ 8860.76

\$ 1329.11

**RFC Total**

**\$ 10189.87**

Please respond by: 12/03/2021

KYLE L THESING  
 Kish & Sons Electric, Inc.

NICK BEIL  
 CD SMITH

## Kyle Thesing

---

**From:** Ryan Ferries <Ryan.Ferries@dsgsupply.com>  
**Sent:** Wednesday, August 4, 2021 8:03 AM  
**To:** Kyle Thesing  
**Cc:** Jason Hollermann  
**Subject:** WWTF Switchboard 3R Change

Kyle,  
The cost to change 500-SWBD-2 to nema 3R is \$8,860.76.  
Thanks,

**Ryan Ferries** | *Account Manager - Electrical*

Dakota Supply Group | P (608) 781-2000 | M (608) 769-1791

2727 Commerce St | La Crosse, WI 54603



[dakotasupplygroup.com](http://dakotasupplygroup.com)

## SPEED LETTER



3311 Weeden Creek Road | Sheboygan, WI 53081  
920.208.0296 | donohue-associates.com

DATE: 11/17/2021

TO: Mr. Nick Beil  
CD Smith Construction  
125 Camelot Drive  
Fond du Lac, WI 54935  
Phone: 715.897.2219

CONTRACT: City of La Crosse 2021 Wastewater  
Treatment Facility Upgrades

PROJECT NO: 13735

MESSAGE: **Request for Proposal 010: Structure 390 Elevation Change**

Nick,

This Request for Proposal (RFP) is being prepared to increase the roof elevation of Structure 390. This 8" elevation increase will allow for installation of the vent/bleed valve on top of the 6" DS pipe per RFI 058. The DS piping in Structure 390 cannot be lowered due to other conflicts within the structure. See attached marked up drawings for additional details.

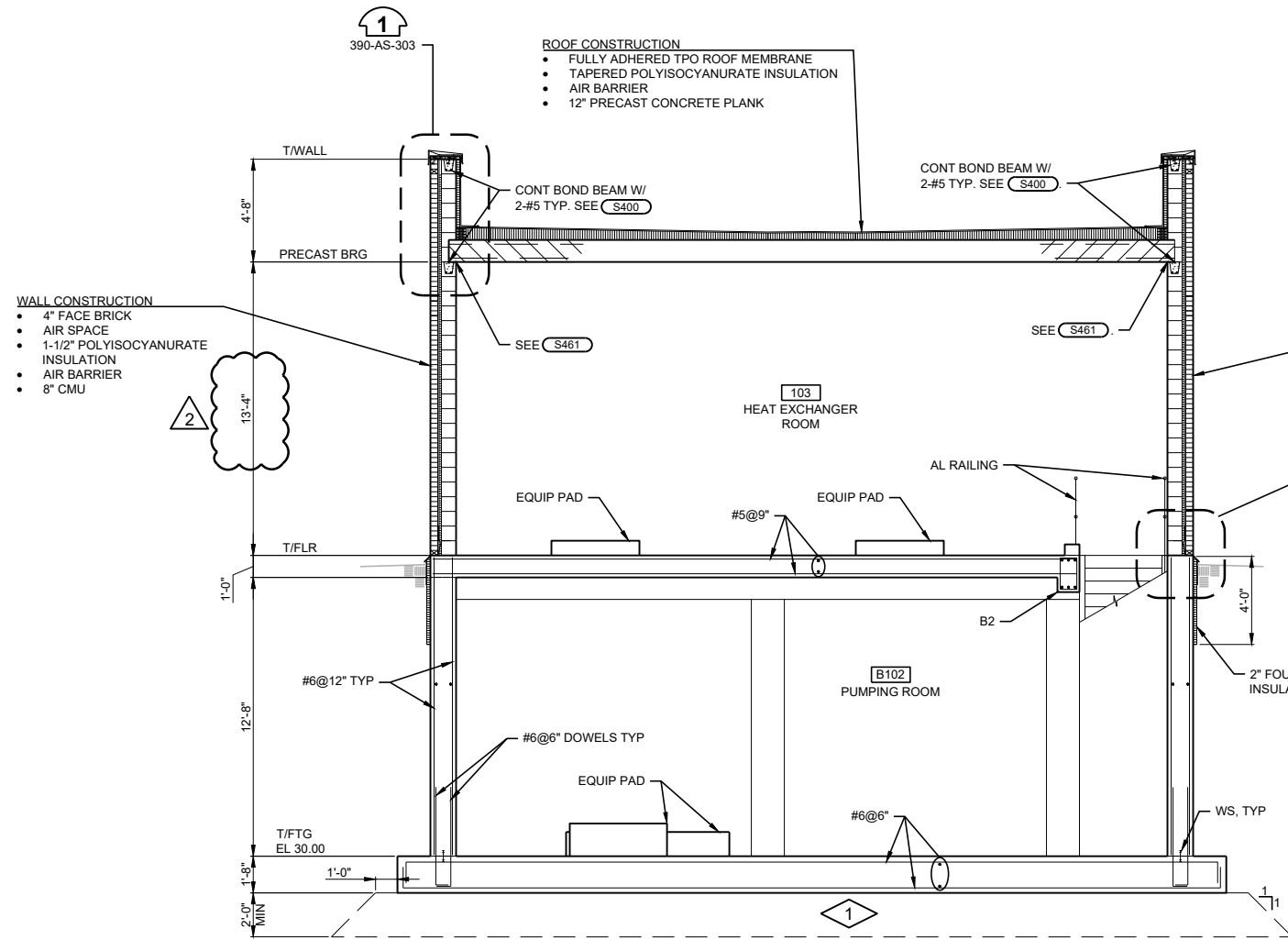
Please provide a detailed cost proposal for this work—including material costs, equipment costs, labor hours, cost of labor, markups, profit, and subcontractor costs (also broken down into material costs, equipment costs, labor hours, cost of labor, markups, and profit) and supporting vendor pricing information.

Attachments: 390-AS-303, 390-AS-304, 390-AS-305, 390-AS-306.

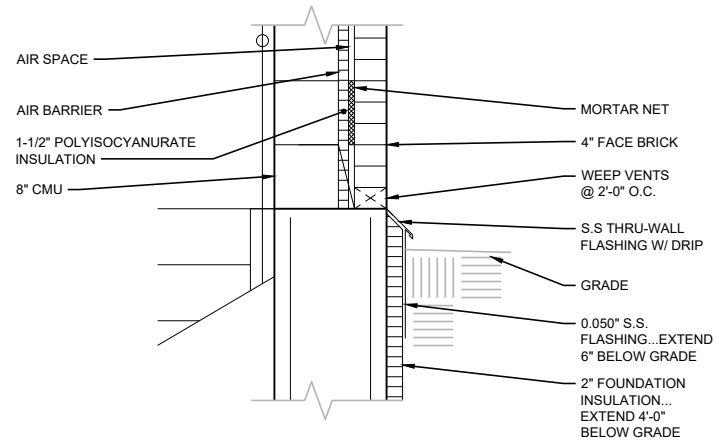
Please contact me if you have any questions in regard to this request for proposal.

Sincerely,

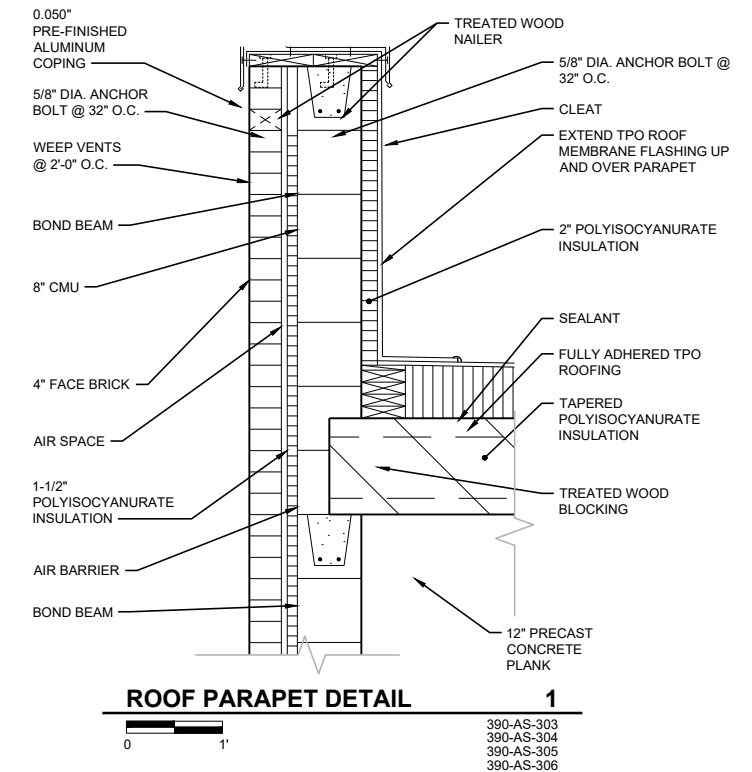
By:   
Amber J. Marzahl, P.E., Construction Contract Administrator



**SECTION A**  
 390-AS-101  
 390-AS-102  
 390-AS-103



**WALL DETAIL 2**  
 390-AS-303  
 390-AS-304  
 390-AS-306



**ROOF PARAPET DETAIL 1**  
 390-AS-303  
 390-AS-304  
 390-AS-305  
 390-AS-306

**GENERAL NOTES:**

- CONTRACTOR TO FIELD VERIFY EXISTING CONDITIONS, DIMENSIONS, AND ELEVATIONS PRIOR TO CONSTRUCTION AND/OR FABRICATION.
- REFER TO 001 SERIES OF DRAWINGS FOR THE SPACE ENVIRONMENT/HAZARDOUS RATING SCHEDULE REGARDING ENVIRONMENTAL CONDITIONS ANTICIPATED WITHIN EACH SPACE AND ALLOWABLE MATERIALS OF CONSTRUCTION TO BE USED WITHIN EACH SPACE.
- HAZARDOUS RATINGS IDENTIFIED ON THIS DRAWING INDICATE SPACES IN WHICH A HAZARDOUS ENVIRONMENT MAY GENERALLY EXIST. CONTRACTOR SHALL REFER TO SPACE ENVIRONMENT/HAZARDOUS RATING SCHEDULE IN 001 SERIES OF DRAWINGS FOR ADDITIONAL INFORMATION EXPLAINING THE EXTENT AND ENVELOPE ASSOCIATED WITH THESE HAZARDS.

**PLAN NOTES:**

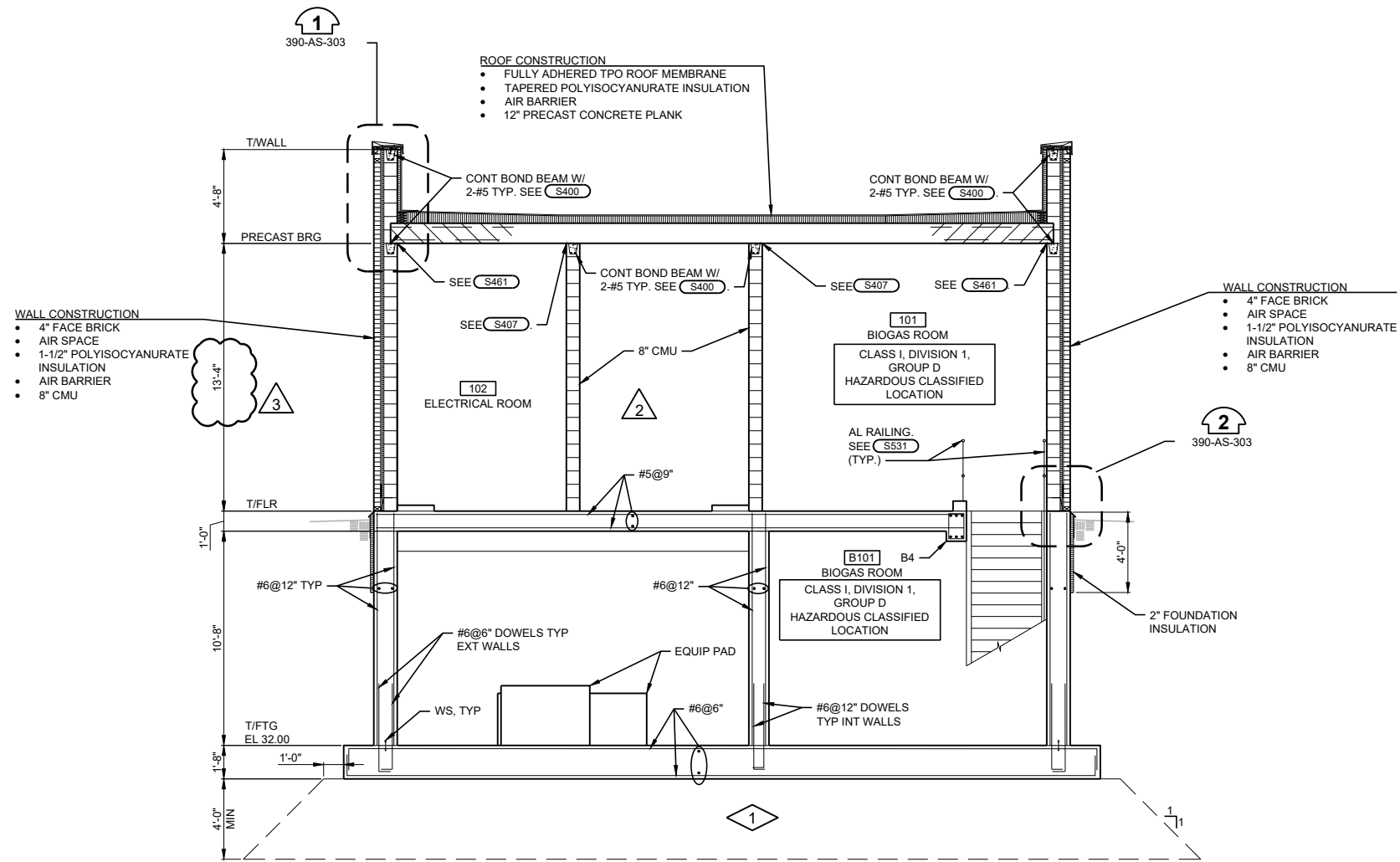
- OVER EXCAVATE MATERIAL STRUCTURE AND REPLACE WITH STRUCTURAL FILL WITHIN THE INFLUENCE ZONE. MINIMUM DEPTH OF OVER EXCAVATION AS NOTED. ACTUAL LIMITS OF OVER EXCAVATION TO BE FIELD VERIFIED BY GEOTECHNICAL ENGINEER DURING CONSTRUCTION.

Revision Number	Revision Description	Date
1	CONFORMED TO CONTRACT RFP 010	04/05/21
2		11/17/21

Designed By	SDR
Drawn By	SDR
Checked By	CLS
Approved By	E.JL
Filename	390AS303.DWG
Project No.	13655
Project Date	3/24/2021

**CITY OF LA CROSSE**  
**2021 WASTEWATER TREATMENT**  
**FACILITY UPGRADES**  
**LA CROSSE WISCONSIN**  
**EAST DIGESTER BUILDING**  
**SECTION AND DETAILS**



**SECTION B**  
 390-AS-101  
 390-AS-102  
 390-AS-103

**GENERAL NOTES:**

- CONTRACTOR TO FIELD VERIFY EXISTING CONDITIONS, DIMENSIONS, AND ELEVATIONS PRIOR TO CONSTRUCTION AND/OR FABRICATION.
- REFER TO 001 SERIES OF DRAWINGS FOR THE SPACE ENVIRONMENT/HAZARDOUS RATING SCHEDULE REGARDING ENVIRONMENTAL CONDITIONS ANTICIPATED WITHIN EACH SPACE AND ALLOWABLE MATERIALS OF CONSTRUCTION TO BE USED WITHIN EACH SPACE.
- HAZARDOUS RATINGS IDENTIFIED ON THIS DRAWING INDICATE SPACES IN WHICH A HAZARDOUS ENVIRONMENT MAY GENERALLY EXIST. CONTRACTOR SHALL REFER TO SPACE ENVIRONMENT/HAZARDOUS RATING SCHEDULE IN 001 SERIES OF DRAWINGS FOR ADDITIONAL INFORMATION EXPLAINING THE EXTENT AND ENVELOPE ASSOCIATED WITH THESE HAZARDS.

**PLAN NOTES:**

- OVER EXCAVATE MATERIAL STRUCTURE AND REPLACE WITH STRUCTURAL FILL WITHIN THE INFLUENCE ZONE. MINIMUM DEPTH OF OVER EXCAVATION AS NOTED. ACTUAL LIMITS OF OVER EXCAVATION TO BE FIELD VERIFIED BY GEOTECHNICAL ENGINEER DURING CONSTRUCTION.

Revision Number	Revision Description	Checked By	Date
1	CONFORMED TO CONTRACT	CLS	04/05/21
2	REF 002	SDR	06/03/21
3	REF 010	SDR	11/17/21

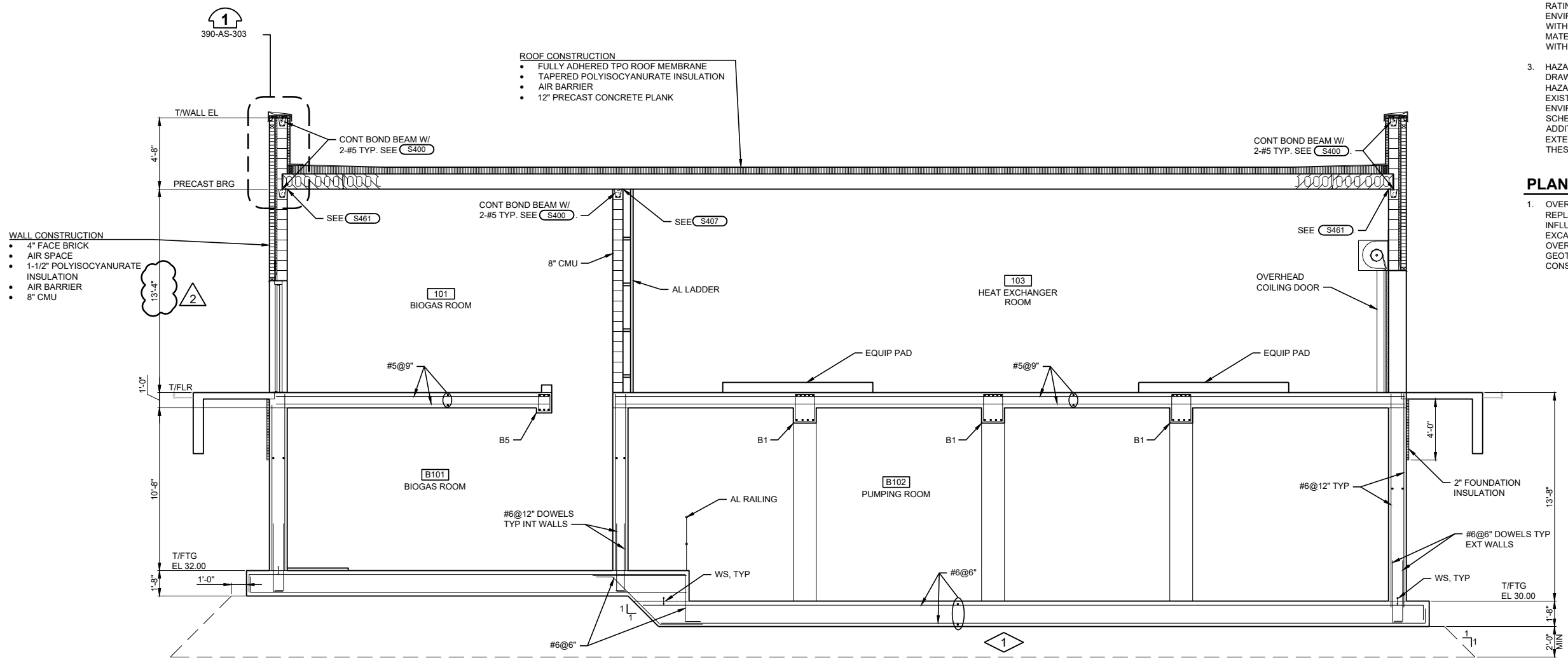
Designed By: SDR  
 Drawn By: SDR  
 Checked By: CLS  
 Approved By: E.JL  
 Filename: 390AS-304.DWG  
 Project No: 13655  
 Project Date: 3/24/2021

CITY OF LA CROSSE  
 2021 WASTEWATER TREATMENT  
 FACILITY UPGRADES  
 LA CROSSE WISCONSIN  
 EAST DIGESTER BUILDING  
 SECTION



Sheet No. 672  
 Drawing No.

390-AS-304



**SECTION C**  
 0 1' 4'  
 390-AS-101  
 390-AS-102  
 390-AS-103

**GENERAL NOTES:**

1. CONTRACTOR TO FIELD VERIFY EXISTING CONDITIONS, DIMENSIONS, AND ELEVATIONS PRIOR TO CONSTRUCTION AND/OR FABRICATION.
2. REFER TO 001 SERIES OF DRAWINGS FOR THE SPACE ENVIRONMENT/HAZARDOUS RATING SCHEDULE REGARDING ENVIRONMENTAL CONDITIONS ANTICIPATED WITHIN EACH SPACE AND ALLOWABLE MATERIALS OF CONSTRUCTION TO BE USED WITHIN EACH SPACE.
3. HAZARDOUS RATINGS IDENTIFIED ON THIS DRAWING INDICATE SPACES IN WHICH A HAZARDOUS ENVIRONMENT MAY GENERALLY EXIST. CONTRACTOR SHALL REFER TO SPACE ENVIRONMENT/HAZARDOUS RATING SCHEDULE IN 001 SERIES OF DRAWINGS FOR ADDITIONAL INFORMATION EXPLAINING THE EXTENT AND ENVELOPE ASSOCIATED WITH THESE HAZARDS.

**PLAN NOTES:**

1. OVER EXCAVATE MATERIAL STRUCTURE AND REPLACE WITH STRUCTURAL FILL WITHIN THE INFLUENCE ZONE. MINIMUM DEPTH OF OVER EXCAVATION AS NOTED. ACTUAL LIMITS OF OVER EXCAVATION TO BE FIELD VERIFIED BY GEOTECHNICAL ENGINEER DURING CONSTRUCTION.

Revision Number	Revision Description	Checked By	Date
1	CONFORMED TO CONTRACT	CLS	04/05/21
2	RFP 010	SWR	11/17/21

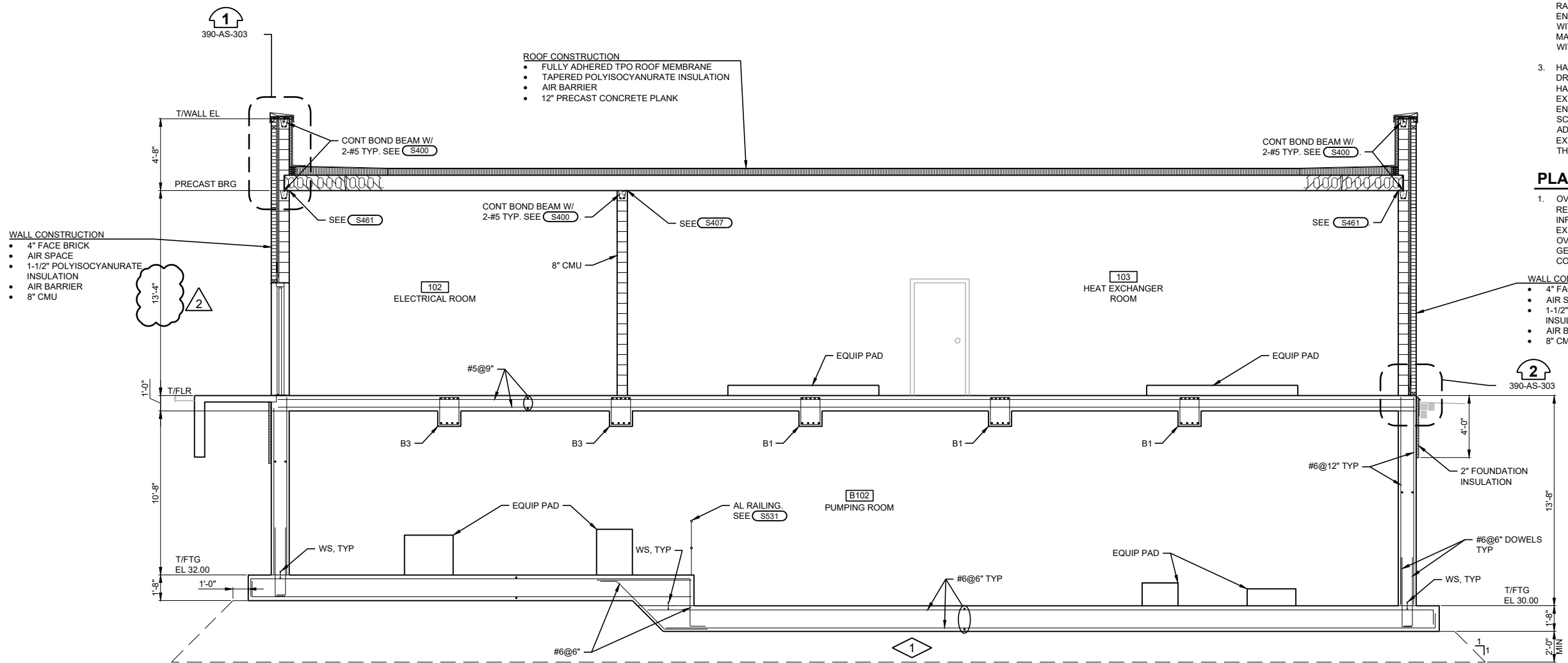
Designed By: SDR  
 Drawn By: SDR  
 Checked By: CLS  
 Approved By: E.JL  
 Filename: 390AS-103.DWG  
 Project No.: 13655  
 Project Date: 3/24/2021

**CITY OF LA CROSSE  
 2021 WASTEWATER TREATMENT  
 FACILITY UPGRADES  
 LA CROSSE WISCONSIN  
 EAST DIGESTER BUILDING  
 SECTION**



Sheet No. 673  
 Drawing No.

**390-AS-305**



**GENERAL NOTES:**

- CONTRACTOR TO FIELD VERIFY EXISTING CONDITIONS, DIMENSIONS, AND ELEVATIONS PRIOR TO CONSTRUCTION AND/OR FABRICATION.
- REFER TO 001 SERIES OF DRAWINGS FOR THE SPACE ENVIRONMENT/HAZARDOUS RATING SCHEDULE REGARDING ENVIRONMENTAL CONDITIONS ANTICIPATED WITHIN EACH SPACE AND ALLOWABLE MATERIALS OF CONSTRUCTION TO BE USED WITHIN EACH SPACE.
- HAZARDOUS RATINGS IDENTIFIED ON THIS DRAWING INDICATE SPACES IN WHICH A HAZARDOUS ENVIRONMENT MAY GENERALLY EXIST. CONTRACTOR SHALL REFER TO SPACE ENVIRONMENT/HAZARDOUS RATING SCHEDULE IN 001 SERIES OF DRAWINGS FOR ADDITIONAL INFORMATION EXPLAINING THE EXTENT AND ENVELOPE ASSOCIATED WITH THESE HAZARDS.

**PLAN NOTES:**

- OVER EXCAVATE MATERIAL STRUCTURE AND REPLACE WITH STRUCTURAL FILL WITHIN THE INFLUENCE ZONE. MINIMUM DEPTH OF OVER EXCAVATION AS NOTED. ACTUAL LIMITS OF OVER EXCAVATION TO BE FIELD VERIFIED BY GEOTECHNICAL ENGINEER DURING CONSTRUCTION.

- WALL CONSTRUCTION**
- 4" FACE BRICK
  - AIR SPACE
  - 1-1/2" POLYISOCYANURATE INSULATION
  - AIR BARRIER
  - 8" CMU

- WALL CONSTRUCTION**
- 4" FACE BRICK
  - AIR SPACE
  - 1-1/2" POLYISOCYANURATE INSULATION
  - AIR BARRIER
  - 8" CMU

- ROOF CONSTRUCTION**
- FULLY ADHERED TPO ROOF MEMBRANE
  - TAPERED POLYISOCYANURATE INSULATION
  - AIR BARRIER
  - 12" PRECAST CONCRETE PLANK

Revision Number	Revision Description	Checked By	Date
1	CONFORMED TO CONTRACT	CLS	04/05/21
2	REFP 010	SWR	11/17/21

Designed By	SDR
Drawn By	SDR
Checked By	CLS
Approved By	E.JL
Filename	390AS-306.DWG
Project No.	13655
Project Date	3/24/2021

**SECTION D**  
 0 1' 4'  
 390-AS-101  
 390-AS-102  
 390-AS-103

CITY OF LA CROSSE  
 2021 WASTEWATER TREATMENT  
 FACILITY UPGRADES  
 LA CROSSE WISCONSIN  
 EAST DIGESTER BUILDING  
 SECTION



Sheet No. 674  
 Drawing No.

390-AS-306





PCI #COR014

C.D. Smith Construction, Inc.  
125 Camelot Drive  
Fond du Lac WI, 54935  
Phone: 1 920 924.2900

Project: 210194 - La Crosse WWTF  
905 Joseph Houska Drive  
La Crosse, WI 54601

## Potential Change Item #COR014

### RFP:010 Structure 390 Elevation Change

<b>To:</b>	City Of La Crosse Attn: City Treasurer 400 La Crosse Street La Crosse, WI 54601	<b>From:</b>	C.D. Smith Construction, Inc. 125 Camelot Drive Fond du Lac WI, 54935
<b>Status:</b>	Pricing-No Forecast	<b>Created Date</b>	2021-12-06
<b>Schedule Impact:</b>		<b>OCO Number:</b>	

#### POTENTIAL CHANGE ITEM SCOPE DESCRIPTION: *(The Contract Is Changed As Follows)*

Install Additional Coase of block and brick on Stru 390.

"add 8" to height of building)

#### ATTACHMENTS:

Description	Cost Code	Category	Quantity	W/M	Rate	Final Amount
Painting	099000	S	1	LS	\$241	\$241.00
face Brick	040000	M	1240	EA	\$0.81	\$1,004.40
Block and Mortar	040300	L	11	HR	\$83.08	\$913.88
Face Brick Modular Veneer @ 7 Per sf (2x4x8)	040410	L	23	HR	\$83.08	\$1,910.84
Block	040000	M	210	EA	\$1.47	\$308.70
Freight	040000	M	1	LS	\$300	\$300.00
Misc Grout and Mortar Material	040000	M	1	LS	\$500	\$500.00
<b>Bond:</b>						\$59.32
<b>Self Perform Markup:</b>						\$740.67
<b>Subcontract markup:</b>						\$12.05
<b>Grand Total:</b>						<b>\$5,990.86</b>

City Of La Crosse  
Attn: City Treasurer 400 La Crosse Street  
La Crosse, WI 54601

C.D. Smith Construction, Inc.  
125 Camelot Drive  
Fond du Lac WI, 54935

\_\_\_\_\_  
SIGNATURE

\_\_\_\_\_  
DATE

\_\_\_\_\_  
SIGNATURE

\_\_\_\_\_  
DATE

**OMNI GLASS & PAINT, LLC.**

**3530 OMNI DRIVE \* OSHKOSH, WISCONSIN 54904 \* COMPANY ID #1100807**

**PHONES:  OSHKOSH (920) 233-3333**

GREEN BAY (920) 434-7772

SCHOFIELD (715) 355-893

**PAINT JOB CHANGE #PT61006**

**Date: November 30, 2021**

To: CD Smith

Project: LaCrosse WWTF – RFP 010

**CHANGE FOR THE ABOVE LISTED PROJECT:**

RFP 010: Raise Roof at structure 390

Pricing to add coated CMU at additional walls due to ceiling height change

**ADD the sum of..... \$241.00**

Labor: 1.5 hrs @\$89 \$133.00

Material: \$108.00

Thank you for the opportunity to do this project. If you have any questions, please call me at our office.

Kris Dennis, Project Manager PH: 920-233-3333

Saved as: Lacrosse pt61006, RFP101, 11-30-21

**IMPORTANT – PLEASE READ**

- Terms are Net 10 Days from date of invoice
- Past due accounts are subject to interest at the rate of 1-1/2% per month (18% annually)
- Retainages (when allowed) are due immediately upon payment from owner
- All materials used are under warranty by the manufacturer. Warranties may vary by manufacturer. Omni Glass & Paint, LLC. does not warranty materials
- Quotation excludes any overtime unless otherwise noted
- All workmanship is warranted for one year from date of installation
- It is understood that if you use your own contract form, the conditions of this quotation fully apply, unless specifically written out and mutually agreed upon
- Backcharges for any services not specifically agreed to in writing, and/or backcharges of any other nature for delays to the project caused by conditions beyond our control will not be honored and is not part of this quotations
- Seller reserves the right to stop work or delivery whenever an account is in arrears, without recourse by affected parties

Accepted \_\_\_\_\_ **OMNI GLASS & PAINT, INC.**

Date \_\_\_\_\_ By \_\_\_\_\_



PCI #COR011

C.D. Smith Construction, Inc.  
125 Camelot Drive  
Fond du Lac WI, 54935  
Phone: 1 920 924.2900

**Project:** 210194 - La Crosse WWTF  
905 Joseph Houska Drive  
La Crosse, WI 54601

## Potential Change Item #COR011

### 31 32 24 - Intermediate Foundations additional Stone Columns.

<b>To:</b>	City Of La Crosse Attn: City Treasurer 400 La Crosse Street La Crosse, WI 54601	<b>From:</b>	C.D. Smith Construction, Inc. 125 Camelot Drive Fond du Lac WI, 54935
<b>Status:</b>	Submitted-Not Proceeding/No Forecast	<b>Created Date</b>	2021-10-15
<b>Schedule Impact:</b>		<b>OCO Number:</b>	

#### POTENTIAL CHANGE ITEM SCOPE DESCRIPTION: *(The Contract Is Changed As Follows)*

During submittal process it was discovered that the slab loading in the 500 bldg would require additional loading greater than provided for in the Plans, specifications, and as allotted for in the budget during bidding. Plans and specifications did not quantify the required loading of the slab at time of bid so contractor include slab loading of 150psf which is standard for industrial projects. During submittal based on specific equipment loading the engineer and the contractor worked together to design a slab loading requirement that both was efficient and also meet requirement of equipment weights. This was accomplished by point loading the floor at equipment locations. Additional support was also requested below load bearing masonry walls that were originally on top of slab.

#### ATTACHMENTS:

Description	Cost Code	Category	Quantity	W/M	Rate	Final Amount
Rammed Aggregate Piers	316600	S		LS	\$	\$46,365.97
<b>Bond:</b>						\$486.84
<b>Subcontract markup:</b>						\$2,318.30
<b>Grand Total:</b>						<b>\$49,171.11</b>

**City Of La Crosse**  
Attn: City Treasurer 400 La Crosse Street  
La Crosse, WI 54601

**C.D. Smith Construction, Inc.**  
125 Camelot Drive  
Fond du Lac WI, 54935

\_\_\_\_\_  
SIGNATURE

\_\_\_\_\_  
DATE

\_\_\_\_\_  
SIGNATURE

\_\_\_\_\_  
DATE



**Midwest Drilled Foundations & Engineering, Inc.**

200 S. Prairie Ave.

Waukesha, WI 53186

Phone: 262.436.0392

Fax: 262.436.0393

10/15/2021

CD Smith  
333 Front St North  
Suite 701  
La Crosse, WI 54601

**Attention:** Nick Beil

**Email:** nbeil@csmith.com

**Re:** Additional Stone Columns - **Proposal**

**Project:** La Crosse WWTF

**Pricing Docs:** "slab loading" pdf provided by Donohue via email on 9/17/21

Dear Nick,

We are pleased to provide the following pricing breakout for the work described below:

Material	1 LS	\$8,357.77
Equipment	1 LS	\$7,348.00
Labor	140 HRS	\$15,112.00
Design	1 LS	\$9,500.00
Markup	15 %	\$6,047.74
<b>Total</b>		<b>\$46,365.97</b>

**Work Scope:**

Design, furnish and install (57 ea.) additional vibrated stone columns at the 500 Biosolids Drying Building of the above-referenced project based on increased slab loading provided by the EOR.

**Assumptions and Clarifications:**

1. Work to be performed concurrently and in one mobilization with our current contracted work in the proposal dated 02/25/2021.
2. Pricing proposal to be supplemental to the contracted lump sum pricing between CD Smith and MDFE dated 02/25/2021.
3. Terms to be tied to the established CD Smith and MDFE executed contract dated 05/13/2021.
4. Stone columns shall not be added or deleted from our scope on a unit price basis, all additions or subtractions shall be considered globally with the overall design to determine lump sum adds or deducts in price.

We appreciate the opportunity to bid this project to you and we promise our best efforts to ensure it success. If you have any questions regarding our proposal, please feel free to contact me at (262) 893-8504.

Respectfully,

**Midwest Drilled Foundations & Engineering, Inc.**

---

Ethan Heiman  
Senior Project Manager

Midwest Drilled Foundations & Engineering, Inc.

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200 S. Prairie Ave., Waukesha, Wisconsin 53186 • Phone: 262.436.0392 • Fax: 262.436.0393



**Midwest Drilled Foundations & Engineering, Inc.**

200 S. Prairie Ave.  
Waukesha, WI 53186  
Phone: 262.436.0392  
Fax: 262.436.0393

February 25, 2021

**Attention:** Prime Bidders

**Re:** Vibrated Stone Columns – *Scope of Work*

**Project:** La Crosse WWTF Upgrades Project – 905 Joseph Houska Drive, La Crosse WI 54601

**Bid Documents:**

1. Geotechnical Evaluation Report by Braun Intertec Corporation dated June 19, 2020 (Project No. B2003861)
2. Project Drawings by Donohue dated January 18, 2021 (Project No. 13655)
3. Project Specifications Section 31 32 24 – Intermediate Foundation Systems
4. Addenda 1-4

Dear Estimator:

We propose to furnish and install the following work as part of the lump-sum total including earth retention and helical piers referenced on our cover sheet. The **Intermediate Foundations** price breakdown is as follows:

Structure 500: \$116,000.00 LS

Structure 510: \$10,000.00 LS

**Base Bid Total: \$126,000.00 LS**

**Alternate Pricing:** Alternate #3, Structure 530 intermediate foundations: \$12,000.00 LS ADD

**Work Scope:**

Provide ground improvement (intermediate foundations) via Vibrated Stone Columns for the above-referenced project to the following specifications:

1. Vibrated Stone Columns will be used to support structural loads within the footprint of Structure 500 – Biosolids Drying Building and beneath the Structure 510 – Nitrogen System pad.
  - a. Per the structural notes, ground improvement (intermediate foundations) shall provide an allowable soil bearing capacity of:
    - i. 3,000 psf beneath foundations at building 500, including the silo pad outside the building.
    - ii. 1,500 psf beneath the 14'-11" x 20'-0" x 2'-0" mat slab at Structure 510.

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*"We Know The Drill"*

- b. **Alternate #3:** Stone columns may be used to support Structure 530 – Biogas Storage at 500 psf across the entire footprint for the add alternate price shown on the cover sheet.
- c. Vibrated Stone Columns placed within any building footprint will be used to support spread footings, strip footings, and mat slabs.
- d. Vibrated Stone Columns will also be used to support the slab-on-grade of Structure 500, assuming a maximum live load of 150 psf.
- e. Ground improvement will limit total/differential settlement to less than one/one-half inch, respectively.

#### **Assumptions and Clarifications:**

1. Layout of each column to be provided by others along with a benchmark for elevations.
2. Alternates #1, #2, and #4-#14 will have no effect on the base bid for Structures 500 and 510 as described by the Scope of Work above. All other structures quoted herein are under the specified Alternate as shown.
3. MDF&E will install all stone columns from a flat, stable, all-weather working platform at the elevations shown below:
  - a. **Structures 500 and 510:** Elevation 44.00’.
  - b. **Structure 530 (Alternate #3):** Elevation 44.00’.
  - c. A rubber-tired telehandler forklift with a bucket will be used to feed the stone hopper of the installation equipment; the forklift will have periodic travel from the stone stockpile location to the work zone. Any areas of forklift travel must be made stable for the duration of our work.
4. The columns will be installed in unlimited headroom conditions.
5. The access to the site will permit the entry of a semi tractor/trailer.
6. The excavation contractor will excavate though installed stone columns where footings step down below working grade as necessary to prepare footing subgrade.
7. The tops of stone columns will be compacted by others with a plate compactor prior to footing concrete placement. Subgrade preparation for the slabs on grade will be as required by project drawings/specifications, after any fill/subgrade has been placed on top of our stone columns to reach the required grade.
8. Geogrid material shall be placed by others on top of completed stone columns where there will be over 2 feet of fill placed over top to build slab subgrades. This is critical to the design and performance of stone columns, to ensure that the weight of new fill is evenly distributed to individual stone columns and that settlement is properly mitigated.
9. The anticipated start date for intermediate foundations at Structures 500 and 510 is in November 2021, per the schedule attached to Addendum 1. If Alternate #3 is chosen, we assume Structure 530 intermediate foundations can be completed directly before or after Structures 500 and 510 to install all work in a single mobilization.
10. The estimated duration of stone column installation is as follows:
  - a. Structure 500 and 510: Ten (10) working days, including pre-production testing.
  - b. Structure 530: Two (2) additional working days, including pre-production testing.
11. We assume that there will be adequate site storage for all materials and equipment. Pricing for just-in-time (JIT) deliveries has not been included in this proposal.

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**Included in our proposal:**

1. We have included 1 mobilization our crew and equipment in our proposal. For additional mobilizations as required by the project schedule, **add \$ 9,000.00 / ea.**
2. Provide all material, labor and equipment to install the work described above.
3. Working one crew up to 10 hours per day (at our option), 5 weekdays per week, on a continuous schedule without delays, interruptions, or out of sequence work directed or caused by others; or encountering underground obstructions or other unforeseen conditions.
  - a. Where such conditions exist, we shall be compensated at the **delay rate of \$ 700.00 / crew hour**, and for all additional materials, mobilizations, and unanticipated equipment at cost plus 15%. Payment for these delays shall not be predicated of compensation from the owner to you.
4. Furnish a Ground Improvement Plan and Calculations prepared and sealed by a licensed PE in the State of Wisconsin.
  - a. MDF&E will require a finalized structural foundation plan, final building loads, and a copy of the structural plan CAD file to complete a stamped design.
5. Install each Vibrated Stone Column to the design depth and diameter at the locations specified on the Ground Improvement Plan.
  - a. MDF&E's Vibrated Stone Column product uses a displacement/hollow mandrel-type vibrolance and is intended to be installed without pre-drilling holes and generating spoils. The geotechnical borings available at the time of bidding indicate that if we install from the elevations listed above, there should be no obstructions or dense fill layers that would impede our vibrolance. If holes must be pre-drilled for the successful completion of stone columns, spoil removal will be by others, and there will be an added cost for pre-drilling.
  - b. Potential reasons for pre-drilling holes include but are not limited to; presence of frost in upper soils, presence of underground obstructions, inability to penetrate existing fill soils, decision to mitigate wear and tear on equipment if ground is too hard, or inability to reach design installation depths.
6. Furnish crushed stone material and stockpile on site.
7. One (1) modulus test on a non-production stone column installed prior to production columns.
  - a. MDF&E reserves the right to adjust column sizes and layout based on the results of all tests performed by MDF&E.
  - b. One (1) additional modulus test is included in the Alternate #3 Add price for Structure 530.
8. Provide daily installation logs for Vibrated Stone Columns for Quality Control.

**The following work is excluded from this proposal, unless specifically noted otherwise above:**

1. Sales tax on crushed stone material.
2. Uplift capacity on any installed stone column element.
3. Pre-drilling of any stone column locations to ensure penetration to design depth. If obstructions or unforeseen conditions require pre-drilling, the cost to mobilize drills and drill crews shall be paid at an extra cost.
4. Removal of any obstruction encountered during installation.
  - a. Pre-drilling equipment and labor can be mobilized to the site for an extra cost.
5. Settlement monitoring of any kind.
6. All permits for our work, except for equipment transportation.
7. All material/subgrade testing and geotechnical quality assurance inspection/monitoring prior to, during, or following stone column installation.

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8. Layout of our stone column points. MDF&E will provide a CAD file to the Owner or GC's surveyor to lay out the center of each column and provide a flag with column number. Assume 400 points to be laid out under the base bid and an additional 50 points with Alternate #3, assume 100 points laid out per trip.
9. We will call for our own underground public utility locate. Private utilities shall be located by others. Underground utilities that are identified or suspected of being within 3 feet of the edge of any shaft shall be physically located by others by excavation or vacuum truck, and the close edge of the utility marked with a lathe projecting 42 inches above grade. Work at these locations will not commence until the utility locations are marked.
10. Utility removals or relocations as outlined in the project drawings. All utility removals or relocation in our work area or within the influence zone of installed stone columns beneath foundations shall be completed prior to our mobilization.
11. Relocation of all overhead obstructions including wires, overhead pipes, and building overhangs except where specifically identified above.
12. Preparation of the site prior to our mobilization, including building permits, all demolition work and foundation removals, utility relocations, hazardous soil removals, initial excavation or fill (if any is required), and preparation of the working platform as described below.
13. Provide and maintain a flat, level, and stable all-weather working platform for our equipment. This platform may need to be re-leveled, re-graded, and/or re-compacted if our normal construction activities will render it unworkable. Any layout flags damaged or removed as a result of this maintenance by others shall be re-laid out by others at no cost to MDF&E.
14. Provide and maintain a stable ramp into and out of the site for our equipment and truck deliveries and provide and maintain a flat, dry, stable work platform for our equipment so that mats are not required. If mats are required, the cost (if we do not have enough in our yard), delivery, handling on site, and return of the mats shall be paid for as extra work.
15. Restoration and/or removal of the work platform, and restoration of the site.
16. Management of all water on site, including the impact of polluted or contaminated ground water or soils.
17. The premium portion of overtime directed by others shall be compensated at cost plus 15%.
18. Disadvantaged Business Enterprise participation.
19. Dust control, traffic control, street cleaning, erosion control, and ventilation of inside spaces.
20. Payment and Performance Bond. One can be provided at actual cost plus 15%.
21. No backcharges shall be made without the following:
  - a. Prompt notification of the grievance;
  - b. Daily verification of time and materials by our field representative;
  - c. A summary of the costs presented to our project manager within 48 hours of the occurrence.
22. We will not accept liquidated damage backcharges.
23. Delay time: We do not include the excavation of any underground obstructions, whether natural or manmade. We shall be compensated at the delay rate indicated above, not subject to your compensation from the owner, when encountered. Any crew delays awaiting decisions, the excavation time to remove the object, relocation to a subsequent shaft location, idle time awaiting the performance or relocation of another trade, or other unanticipated action shall be compensated at the delay rate. The verification process of delay time shall be agreed prior to commencing work.
24. Excavation of any kind.
25. Spoil removal of any kind (if required).
26. Dewatering of any kind, either as a temporary measure for installation or permanent. We will require the site to be dewatered to at least 2 feet below working elevation to ensure a stable platform.
27. Any "Special" or "Hazardous" or Contaminated soil impact.

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28. Forming and/or pouring of concrete footings.

**Payment Terms:**

1. Payments for our work shall be made within 30 days of invoice date.
2. Late payments shall include interest of 1.5% per month.
3. No retainage shall be withheld from our invoices unless agreed prior. When retainage is withheld, final retainage payment will be made upon erection of the building's structure.

Our proposal is based on the geotechnical report, plans, specifications, and instructions transmitted to us. In the event that actual conditions vary substantially from that described in these documents, this shall constitute a change in conditions and is compensated as extra work at the rates noted in this proposal.

Our proposal is valid for 30 days.

We appreciate the opportunity to bid this project to you and we promise our best efforts to ensure its success.

If you have any questions regarding our proposal, please feel free to contact me by cell phone or text at (414) 499-2401 or via email at [rpadron@midwestdfe.com](mailto:rpadron@midwestdfe.com).

Sincerely,

**Midwest Drilled Foundations & Engineering, Inc.**



---

Riley Padron, E.I.T.

Project Manager



# PROPOSAL

Date: 4/23/21

To: Estimating

Attn: Estimating

Project Name: 2021 Wastewater Treatment Facility Upgrades

Location: La Crosse, WI

**We are pleased to quote the following scope of work:**

### **Intermediate Foundation Systems**

Intermediate Foundations can be completed for a lump sum of \$245,000

#### **Included:**

Two Mobilizations specific to Intermediate Foundation Systems

Engineering & Design by a registered engineer

Building 500

- Footings, pits, & gas treatment area – 3,000 psf
- Slab-on-Grade – 1,000 psf
- Pad for biosolids storage tank – 3,000 psf

Building 510

- Concrete Pad for Nitrogen System – 1,500 psf

Building 530

- Ring Footing and Equipment Pads – 500 psf

#### **Excluded:**

- Any permits including but not limited to City, WisDOT, Railroad, WDNR, etc.
- Dewatering – as required for installation
- Excavation, backfill, undercuts, bedding, etc.
- Restoration of any kind
- Access to the work area to be provided by others; included but not limited to stable gravel access, or crane mats. Area to provide 30' working pad in all areas.
- Any removals of concrete structures, pavement or other items to complete the installation.
- Building 530 slab support
- Survey and layout provided by others.
  - This is required for the foundation layout. There are approximately 364 locations.

#### **Addendum Acknowledgements**

Addendum No. 1, 2, 3 & 4

We look forward to contributing to a successful project.

Sincerely,

TERRA ENGINEERING & CONSTRUCTION CORPORATION



Tony Arts, P.E.  
Executive Vice President  
608-575-3882



PCI #COR013

C.D. Smith Construction, Inc.  
125 Camelot Drive  
Fond du Lac WI, 54935  
Phone: 1 920 924.2900

**Project:** 210194 - La Crosse WWTF  
905 Joseph Houska Drive  
La Crosse, WI 54601

## Potential Change Item #COR013

### Add VFD's to 390-CP-1 and CP-2

<b>To:</b>	City Of La Crosse Attn: City Treasurer 400 La Crosse Street La Crosse, WI 54601	<b>From:</b>	C.D. Smith Construction, Inc. 125 Camelot Drive Fond du Lac WI, 54935
<b>Status:</b>	Pricing-No Forecast	<b>Created Date</b>	2021-11-11
<b>Schedule Impact:</b>		<b>OCO Number:</b>	

#### POTENTIAL CHANGE ITEM SCOPE DESCRIPTION: *(The Contract Is Changed As Follows)*

Per submittal request add VFD to CP-1 and CP-2

#### ATTACHMENTS:

Description	Cost Code	Category	Quantity	W/M	Rate	Final Amount
Process Piping - Wastewater	400000	S		LS	\$	\$7,032.25
<b>Bond:</b>						\$73.84
<b>Subcontract markup:</b>						\$351.61
<b>Grand Total:</b>						<b>\$7,457.70</b>

**City Of La Crosse**  
Attn: City Treasurer 400 La Crosse Street  
La Crosse, WI 54601

**C.D. Smith Construction, Inc.**  
125 Camelot Drive  
Fond du Lac WI, 54935

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SIGNATURE

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DATE



855 Morris Street | P.O. Box 1316  
Fond du Lac, WI 54936-1316  
main 920.921.9020 | fax 920.929.8825  
www.jfahern.com

November 11, 2021

Mr. Nick Beil  
C.D. Smith Construction Services  
PO Box 1006  
Fond du Lac, WI 54936-1006

**RE: La Crosse WWTP  
Ahern Job #: 3400  
Customer Contract #: 210194-001  
Section 23 21 23 HW Pumps 390-CP-1, -2 Integral VFDs**

Dear Nick,

We are pleased to submit our costs to add integral VFDs as requested in section 23 21 23 pump review comments dated August 17, 2021.

Respond by: 11/29/21

**Seven Thousand Thirty Two and 25/100 Dollars.....\$7,032.25**

This proposal only covers the direct costs of labor, materials and equipment to execute the changed work described in the proposal.

At the present time, we cannot assess or evaluate the overall impact of the changed work on our original scope of work.

We thereby reserve our rights to claim for any indirect costs which may arise in the future as a result of delays to the work, out of sequence work, inefficiencies, extended contract completion, labor and material escalation and / or acceleration and extended warranties.

Sincerely,

**J. F. Ahern Co.**

*Chris Boda*

Chris Boda  
Sr. Project Manager  
WI Major Construction Division

Enclosures

File: 3400

cc: Casey McElhatton, Mike Lund, Ashley Pantojas



## Change Order Summary

<b>Project:</b> La Crosse WWTP
<b>Project #:</b> 3400
<b>Proposal Date:</b> 11/11/2021
<b>Change Order #:</b> 6
<b>Revision:</b>
<b>Description of Work:</b> Intgral VFD for Pumps 390-CP-1, -2
<b>Total CO Amount:</b> 7,032.25

Item Description	Calc Type	Quantity	Unit of Measure	Unit Price or Rate	PCT %	Total Amount
Hydro-Flo Quote	Lump Sum	1.00	Lump Sum	6,115.00		6,115.00
Sales Tax	Percent	6,115.00			0.00%	-
<b>TOTAL M - Material</b>						<b>6,115.00</b>
Tool Costs	Percent	-			5.50%	-
<b>TOTAL L - Labor</b>						-
Subcontractor Handling Fee	Percent	-				-
<b>TOTAL S - Subcontract</b>						-
Equipment Fuel Costs	Percent	-			15.00%	-
Equipment Tax	Percent	-			15.00%	-
<b>TOTAL E - Equipment</b>						-
Special Insurance	Lump Sum	-	Lump Sum			-
Fees & Permits	Lump Sum	-	Lump Sum			-
Pipe Disinfection/Sterilization	Lump Sum	-	Lump Sum			-
<b>TOTAL G - General Conditions</b>						-
As-Built/Engineering Costs	Unit Price	-	Hour			-
<b>TOTAL P - Project Management</b>						-
Overhead & Profit - Materials	Percent	6,115.00			15.00%	917.25
Overhead & Profit - Labor	Percent	-			15.00%	-
Overhead & Profit - Subcontractor	Percent	-			5.00%	-
Overhead & Profit - Equipment	Percent	-			15.00%	-
Overhead & Profit - General Conditions	Percent	-			15.00%	-
Overhead & Profit - Project Management	Percent	-			15.00%	-
<b>TOTAL O - Overhead &amp; Profit</b>						<b>917.25</b>
Bond and Insurance	Percent	7,032.25			0.00%	-
<b>TOTAL B - Bond &amp; Insurance</b>						-

Grand Total:

7,032.25



This proposal only covers the direct costs of labor, materials and equipment to execute the changed work described in the proposal.

At the present time, we cannot assess or evaluate the overall impact of the changed work on our original scope of work.

We thereby reserve our rights to claim for any indirect costs which may arise in the future as a result of delays to the work, out of sequence work, inefficiencies, extended contract completion, labor and material escalation and / or acceleration and extended warranties.

## ENGINEER'S SUBMITTAL REPLY

**CONTRACT: City of La Crosse – 2021 Wastewater Treatment Facility Upgrades**

	
<b>To:</b>  Mr. Nick Beil CD Smith Construction 125 Camelot Drive Fond du Lac, WI 54935 Phone: 715.897.2219 Email: nbeil@csmith.com	<b>From:</b>  Ms. Amber Marzahl Donohue & Associates, Inc. 3311 Weeden Creek Road Sheboygan, WI 53081 Phone: 920.627.2055 Email: amarzahl@donohue-associates.com

WE ARE TAKING THE FOLLOWING ACTION ON THIS SUBMITTAL:		ACTION				
<b>Submittal # :</b>	000049	APPROVED	APPROVED AS NOTED	REVISE AND RESUBMIT	NOT APPROVED	NO ACTION REQUIRED
<b>Section:</b>	232123-01					
<b>Donohue Title:</b>	Hydronic Pumps					
<b>Description:</b>	Hydronic Pumps					
<b>Type:</b>	Product Data					

**COMMENTS:**

1. Engineer requests a hold on pumps 500-P-4821 and -4822 pending resolution of RFP 007 which alters performance requirements.
2. Engineer request a hold on Pump 500-P-4841 until approved shop drawing of Heat Recovery Hex, provided under Section 48 31 15 is received.
3. Hot water pump 1, 2, 3 and 4 (390-P-3221 through 390-P-3224) are submitted as 2HP in lieu of 3HP shown on one line 007-E-34. Electrical contractor shall size starters in 390-MCC-9 powering these motors as required.
4. Heat recovery pump 500-P-4841 is submitted as 3HP in lieu of 5HP shown on one line 007-E-41. Electrical contractor shall size starter in 500-MCC-8 powering the motor as required.
5. Motor data sheets for all motors are missing. Provide motor data sheets in accordance with 26 05 84.
6. Pumps 390-CP-1 and -2, please revise pump selection criteria to 182 gpm at 90 ft resulting in a selection of a 2.5x2.5x7B pump selection with a 5.5 inch impeller trim and 7.5 hp, 3,600 rpm motor with integral VFD.

Reviewed only to determine if the items covered by the submittal will, after installation or incorporation in the Work, conform to the information given in the Contract Documents and is compatible with the design concept of the completed Project as a functioning whole as indicated by the Contract Documents.

REVIEWER(S) Faridi, Wills

DATE 08/17/2021





**Hydro-Flo**  
PRODUCTS, INC.

quote

P.O. BOX 407, 3655 N 124TH ST, BROOKFIELD, WISCONSIN 53005  
262-781-2810, DAY OR NIGHT SERVICE  
TOLL FREE 1-800-THE-FLOW, FAX 262-781-2228

Job: La Crosse WWTF  
La Crosse, WI 54601

Quote Number: 5035339.h4 Change Order  
Quote Date: 10-08-2021

Engineer: Donohue & Associates  
TO: JF Ahern  
ATTN: Chris Boda

Estimator: Nancy Gomez  
Salesman: Mike Anderson  
Addenda Received #1 thru 4

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WE PROPOSE TO FURNISH THE FOLLOWING EQUIPMENT:

**TO UPDATE PUMP SELECTION PER SUBMITTAL COMMENTS:**

***B&G PUMPS, LESS STARTERS AND CONTROLS***

- 2 e-80 2.5 x 2.5 x 7B In-Line Pump w/ **EPR/SiC/SiC/SS Seal, SS, IT VFD Motor Mounted, IP55 NEMA 12 w/ BACKPL, DISC, ADV, 7.5 HP, 3600 RPM, 230/460/3/60 NEMA Premium Efficient TEFC Motor; (182\*90) 5.5" Impeller**
- 2 **Aegis Shaft Grounding Ring**  
TAG: 390-CP-1 & 390-CP-2

**New Pump Selection Now Includes Integral VFD and Aegis Shaft Grounding Ring.**

TOTAL NET ADD - \$6,115.00

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TERMS OF PAYMENT ARE NET 30. All prices are F.O.B shipping point. Prices are exclusive of all city, state, and federal taxes. This quotation is subject to revision after 30 DAYS without notice, unless noted above.

**BE SURE THE PRICE YOU PAY INCLUDES GOOD SERVICE - OURS DOES**

# SCE Sanchez Coating & Environmental Inc.

100 N 72<sup>nd</sup> Avenue Wausau, Wisconsin 54401

Sept 25, 2021

Nick Beil  
Project Manager  
CD Smith Construction

Re: La Crosse Lead

Sanchez Coating & Environmental Inc (SCE) wishes to quote you a price on the above referenced project. Our price includes all labor, materials, insurance, equipment, safety requirements and supervision necessary to complete the project.

## **Division: 9900 – Painting / Hi performance coatings**

### **Clarifications**

- This quote is based on the inclusion of PDCA standards.
- All labor to be performed first shift Monday through Friday.
- Premium labor rate of 25% increase applies unless predetermined (night / weekend work).
- We assume use of dumpster for general waste.
- We assume us of power & water.
- We assume all substrates accessible.
- We assume access to work area.
- We assume a minimum of 10 working days lead time for scheduling.

### **Exclusions**

- Out of sequence work.
- De watering of areas for coating
- Lead Based Paint / waste media disposal over 5PPM
- Winter Conditions / heat in structures

### **Change Orders**

We request that SCE will be notified of Change Orders that impact quoted work. Notice by email or in writing will accepted and SCE will price changes accordingly. Email confirmation of additional or added work is required and will be added to contract.

*We are your source for painting, lead testing & abatement, pressure washing and abrasive blasting 24/7 state wide.*

*Sanchezce.com*

# SCE Sanchez Coating & Environmental Inc.

100 N 72<sup>nd</sup> Avenue Wausau, Wisconsin 54401

## Scope

- MOB
- Set Up
- Safety
- Abate steel for demo

Priced for the sum of: \$13,512.00

Add for waste over 5PPM approximately \$2,560.00. Final amount to be provided by Veolia Waste Management plus 15% SCE markup. If waste is less than 5PPM, waste can be considered non – hazardous and be treated as general waste.

The projected amount may be different as we are using historical data from last 2 similar jobs.

Thank you for the opportunity to submit this proposal. Please consider Sanchez Coating & Environmental Inc for this project. Visit us at [www.SanchezCE.com](http://www.SanchezCE.com) for a complete listing of our services and MBE Certifications. This quote is valid for 45 days of bid date.

Submitted By:

Javier Sanchez  
President  
715-302-0743

*We are your source for painting, lead testing & abatement, pressure washing and abrasive blasting 24/7 state wide.*

*Sanchezce.com*

# SCE Sanchez Coating & Environmental Inc.

100 N 72<sup>nd</sup> Avenue Wausau, Wisconsin 54401

December 28, 2021

Nick Beil  
Project Manager  
CD Smith Construction

Re: La Crosse Lead Railings

Sanchez Coating & Environmental Inc (SCE) wishes to quote you a price on the above referenced project. Our price includes all labor, materials, insurance, equipment, safety requirements and supervision necessary to complete the project.

## **Division: 9900 – Painting / Hi performance coatings**

### **Clarifications**

- This quote is based on the inclusion of PDCA standards.
- All labor to be performed first shift Monday through Friday.
- Premium labor rate of 25% increase applies unless predetermined (night / weekend work).
- We assume use of dumpster for general waste.
- We assume us of power & water.
- We assume all substrates accessible.
- We assume access to work area.
- We assume a minimum of 10 working days lead time for scheduling.
- We assume fall restraint anchors by others – 2 men tied off
- No safety rails to be installed by SCE

### **Exclusions**

- Out of sequence work.
- De watering of areas for coating
- Lead Based Paint / waste media disposal over 5PPM
- Winter Conditions / heat in structures

### **Change Orders**

We request that SCE will be notified of Change Orders that impact quoted work. Notice by email or in writing will accepted and SCE will price changes accordingly. Email confirmation of additional or added work is required and will be added to contract.

*We are your source for painting, lead testing & abatement, pressure washing and abrasive blasting 24/7 state wide.*

*Sanchezce.com*

# SCE Sanchez Coating & Environmental Inc.

100 N 72<sup>nd</sup> Avenue Wausau, Wisconsin 54401

## **Scope – Cut 835 Railing to floor points**

- MOB
- Set Up
- Safety
- Portable Containment to be installed at each cut point with HEPA Vac dust control
- Loose paint to be removed around lower section of railing for disposal
- Railing to be cut at floor level – flush
- Railing to be cut at 10' lengths for disposal
- Air monitoring to be done while cutting

Priced for the sum of: \$35,725.00

Add \$17.00 for additional cuts as directed by CD Smith.

Add for waste over 5PPM approximately \$1,250.00. Final amount to be provided by Veolia Waste Management plus 15% SCE markup. If waste is less than 5PPM, waste can be considered non – hazardous and be treated as general waste.

The projected amount may be different as we are using historical data from last 2 similar jobs.

Thank you for the opportunity to submit this proposal. Please consider Sanchez Coating & Environmental Inc for this project. Visit us at [www.SanchezCE.com](http://www.SanchezCE.com) for a complete listing of our services and MBE Certifications. This quote is valid for 45 days of bid date.

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# *SCE Sanchez Coating & Environmental Inc.*

100 N 72<sup>nd</sup> Avenue Wausau, Wisconsin 54401

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*Sanchezce.com*