

March 31, 2025

Mr. David K. Simpson, P.E. Director of Public Works City of Wauwatosa 11100 West Walnut Road Wauwatosa, WI 53226

Re: Blanchard Street Pumping Station Modifications

Final Payment

Dear Mr. Simpson:

In accordance with the Contract Documents, the Contractor for this Project, Midwest General & Mechanical Contractors, Inc., has submitted a final Application for Payment and has furnished the enclosed Contract-required items:

- 1. Maintenance and operating instructions (Hard copies have been provided at start-up).
- 2. Marked-up Record Drawings.
- 3. Consent of Surety to Final Payment.
- 4. List of Subcontractors, Suppliers, and service providers performing, furnishing, or procuring labor, services and materials on the Project.
- 5. Releases or waivers of lien from the General Contractor and first tier Subcontractors and Suppliers.
- 6. Certificate or other evidence of completed operations insurance.
- 7. Contractors Application for Payment No 7.

You may want to have your legal counsel and insurance advisor review the respective lien waivers, bonding, and insurance documents to verify legal effectiveness. If all are satisfactory, we recommend final payment, and give notice (enclosed), that the completed Work is acceptable subject to the provisions of General Conditions paragraph 15.07.

In accordance with paragraph 15.08 of the General Conditions, the Contractor is required to promptly repair or correct defective Work for a period of one year from the date of Substantial Completion which was October 29, 2024. You may wish to review the Project a month or so before the anniversary date to check for any warranty items. If we can be of assistance to you in this regard, please contact us.

Respectfully,

RUEKERT & MIELKE, INC.

Christopher L. Epstein, P.E. (WI)

Project Engineer

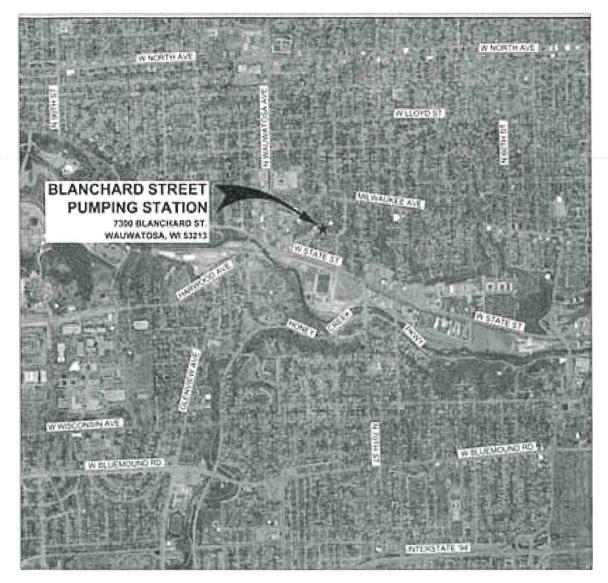
cepstein@ruekert-mielke.com

CLE:acl

**Enclosures** 

cc: Adam Florin, Water Superintendent, City of Wauwatosa Water Utility

David W. Arnott, P.E., Ruekert & Mielke, Inc.



#### LOCATION MAP

| PROJECT                       | TOWN | FLANGE | SECTION (iii) |
|-------------------------------|------|--------|---------------|
| BLANCHARD ST. PUMPING STATION | T/N  | 01271  | 5W 22         |



# **BLANCHARD STREET PUMPING STATION MODIFICATIONS**

# **CITY OF WAUWATOSA** MILWAUKEE COUNTY, WISCONSIN

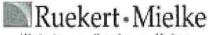
#### SHEET INDEX

| DRAWING NO. | SHEET<br>NUMBER | SHEET NAME                              |
|-------------|-----------------|---|
| 1           | G01             | TITLE SHEET                             |
| 2           | G02             | ABBREVIATIONS                           |
| 3           | G03             | LEGENDS, SYMBOLS, AND MATERIALS         |
| 4           | C01             | SITE PLAN                               |
| 5           | D01             | PUMP LEVEL DEMOLITION PLAN              |
| 6           | D02             | LOWER LEVEL DEMOLITION PLAN             |
| 7           | D03             | DEMOLITION SECTIONS - 1                 |
| 8           | D04             | DEMOLITION SECTIONS - 2                 |
| 9           | A01             | ARCHITECTURAL PLAN, SECTION, AND DETAIL |
| 10          | M01             | PUMP LEVEL PLAN                         |
| 11          | M02             | LOWER LEVEL PLAN                        |
| 12          | MO3             | MECHANICAL SECTIONS - 1                 |
| 13          | M04             | MECHANCIAL SECTIONS - 2                 |
| 14          | E01             | PUMP LEVEL ELECTRICAL PLAN              |
| 15          | E02             | LOWER LEVEL ELECTRICAL PLAN             |
| 16          | E03             | PUMP LEVEL LIGHTING PLAN                |
| 17          | E04             | LOWER LEVEL LIGHTING PLAN               |
| 18          | E05             | ONE-LINE DIAGRAMS & MCC ELEVATIONS      |
| 19          | E06             | ELECTRICAL SCHEDULES                    |
| 20          | E07             | GENERATOR DETAILS AND WIRING DIAGRAM    |





CHECKED BY: DJH



Global Water Center . Fox Valley

www.nuckertmielke.com

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MMERICAN INFRE GAGE

BASE BOARD HEATER

BELOW FIREM FLOOR

BUTTERFLY VALVE

BALANCING VALVE

BEST PRESS WASH WATER

BAITION THERMAL UNIT

CLINE AND CRITTER

CENTER TO CENTER

CLIT AND/OFF FELL

CONTRACTOR FROM A SE

CHICLET BREAKER

CONCRETE CLAYERS PIPE

CUBIC FEET FER MINUTE

CORNER FUNCE POST

CONSTRUCTION JOINT

CABINET

CAPACITY

CATCH BASIN

CARLE TV BOX

CHARGE FEET

CHANNEL

CHRICK VALVE

CAST HON

CLERC HICH

CASE IN PLACE

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Cata section

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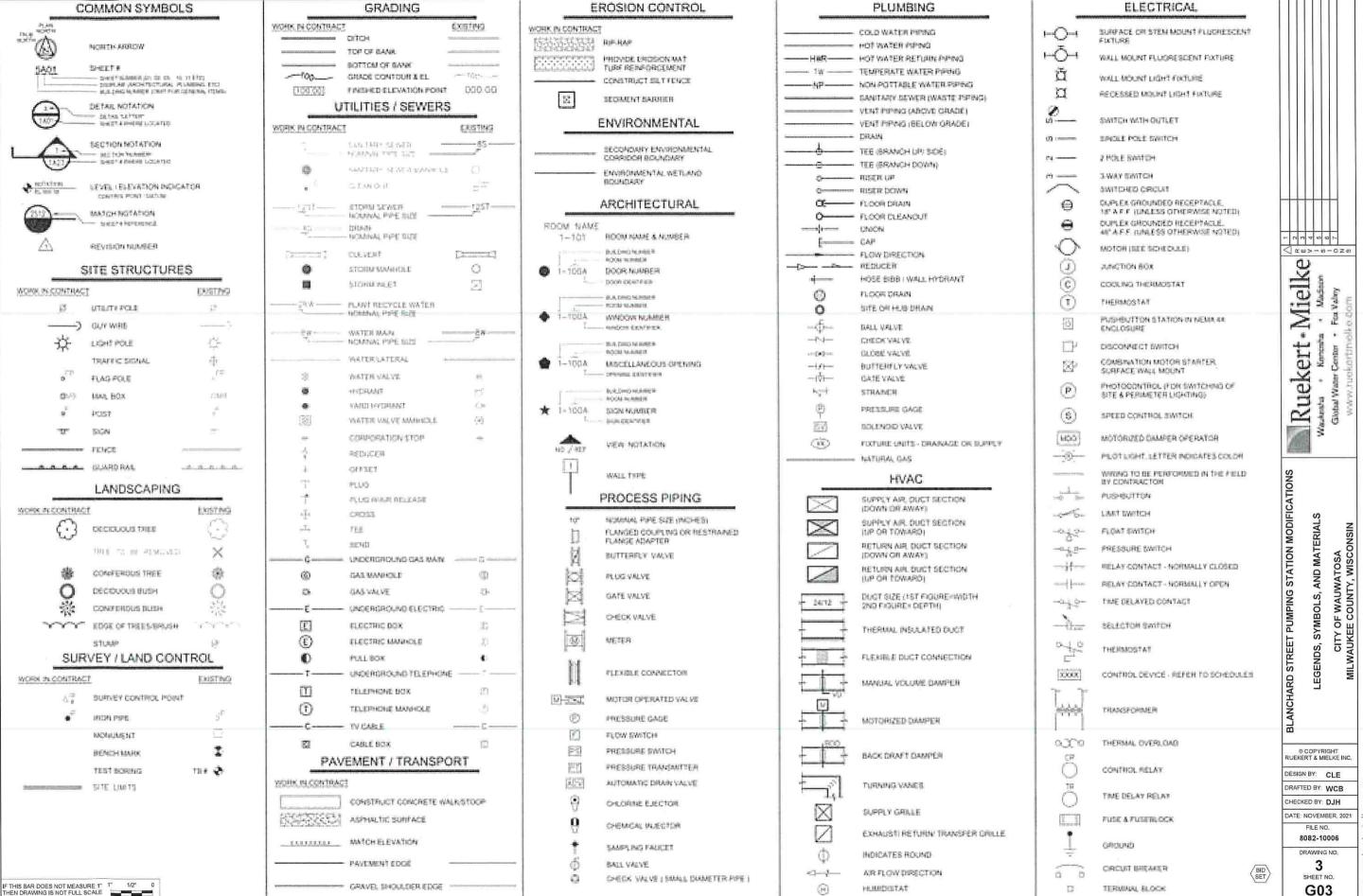
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AND AS

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THEN DRAWING IS NOT FULL SCALE

G02



(H)

HUBBRESTAT

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TERMINAL BLOCK

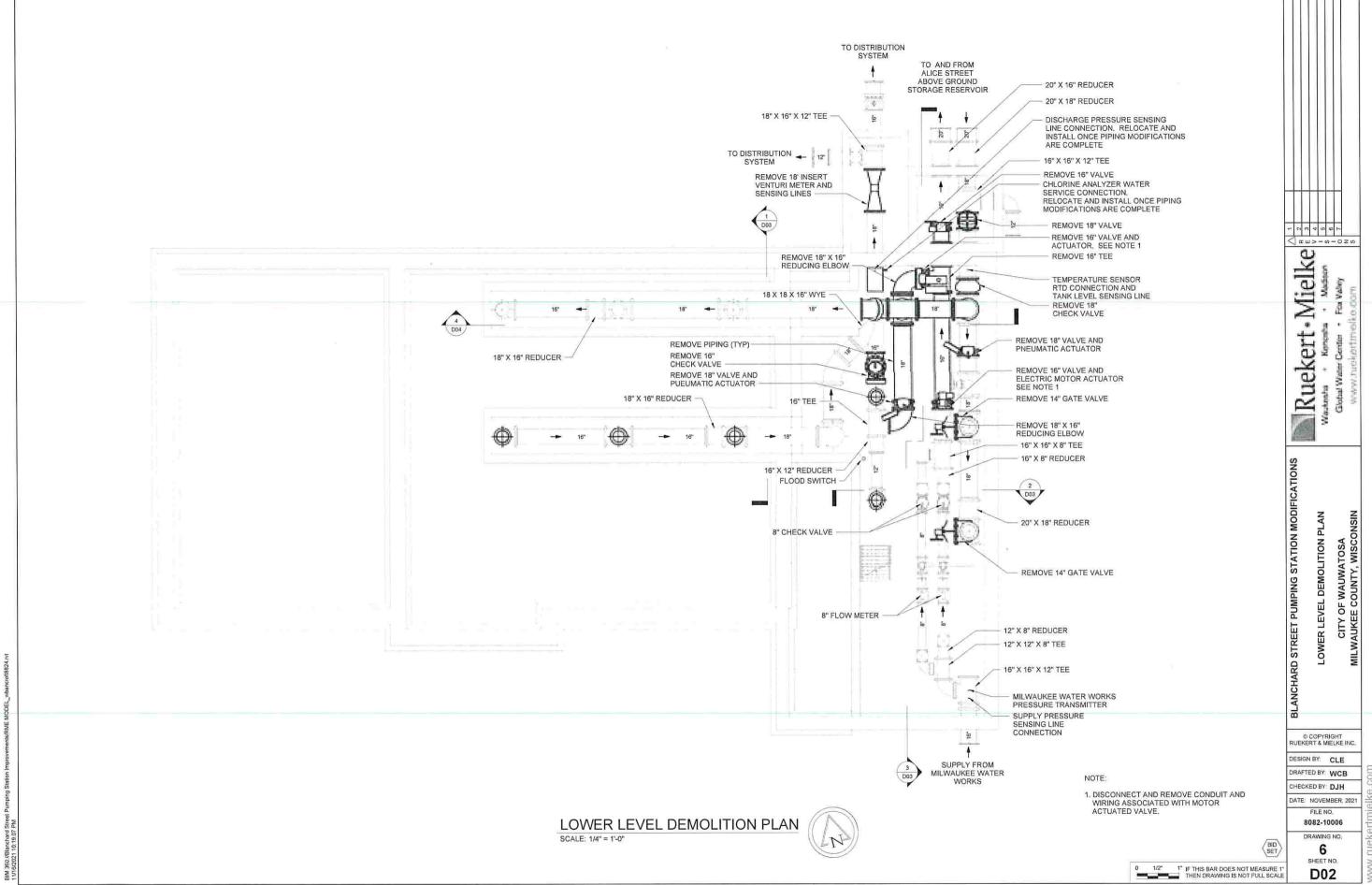
G03

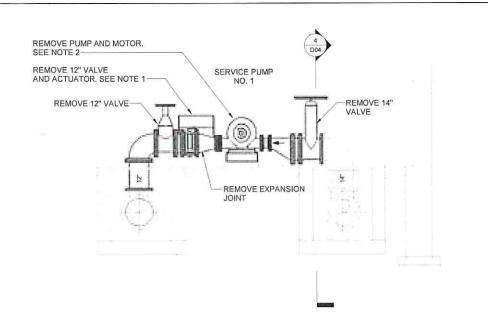
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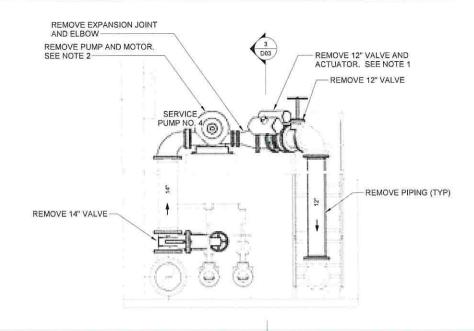
DRAWING NO

SHEET NO.

C01



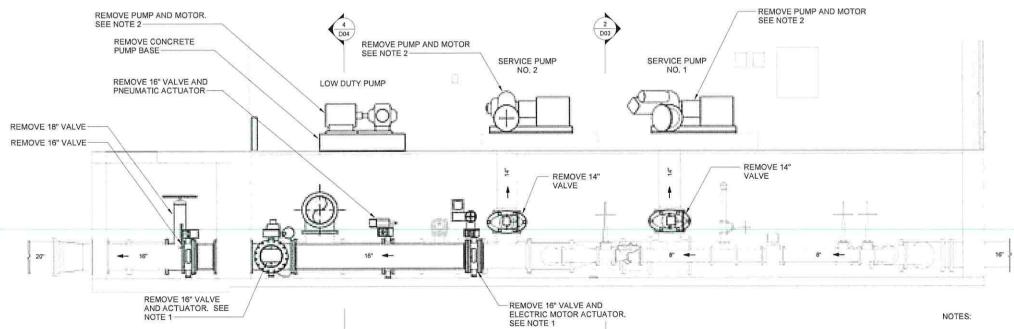




DEMOLITION SECTION 1

SCALE: 3/8" = 1'-0"

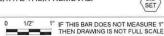
**DEMOLITION SECTION 2** 



DEMOLITION SECTION 3

SCALE: 3/8" = 1'-0"

- DISCONNECT AND REMOVE CONDUIT AND WIRING ASSOCIATED WITH MOTOR ACTUATED VALVE.
  - 2. DISCONNECT CONDUIT AND WIRING FROM EXISTING SERVICE PUMPS TO FACILITATE THEIR REMOVAL.



BID

8082-10006

CITY OF WAUWATOSA MILWAUKEE COUNTY, WISCONSIN DEMOLITION SECTIONS - 1

- 0 m 4 m m r

Ruekert Mielke

BLANCHARD STREET PUMPING STATION MODIFICATIONS

© COPYRIGHT RUEKERT & MIELKE INC.

DESIGN BY: CLE

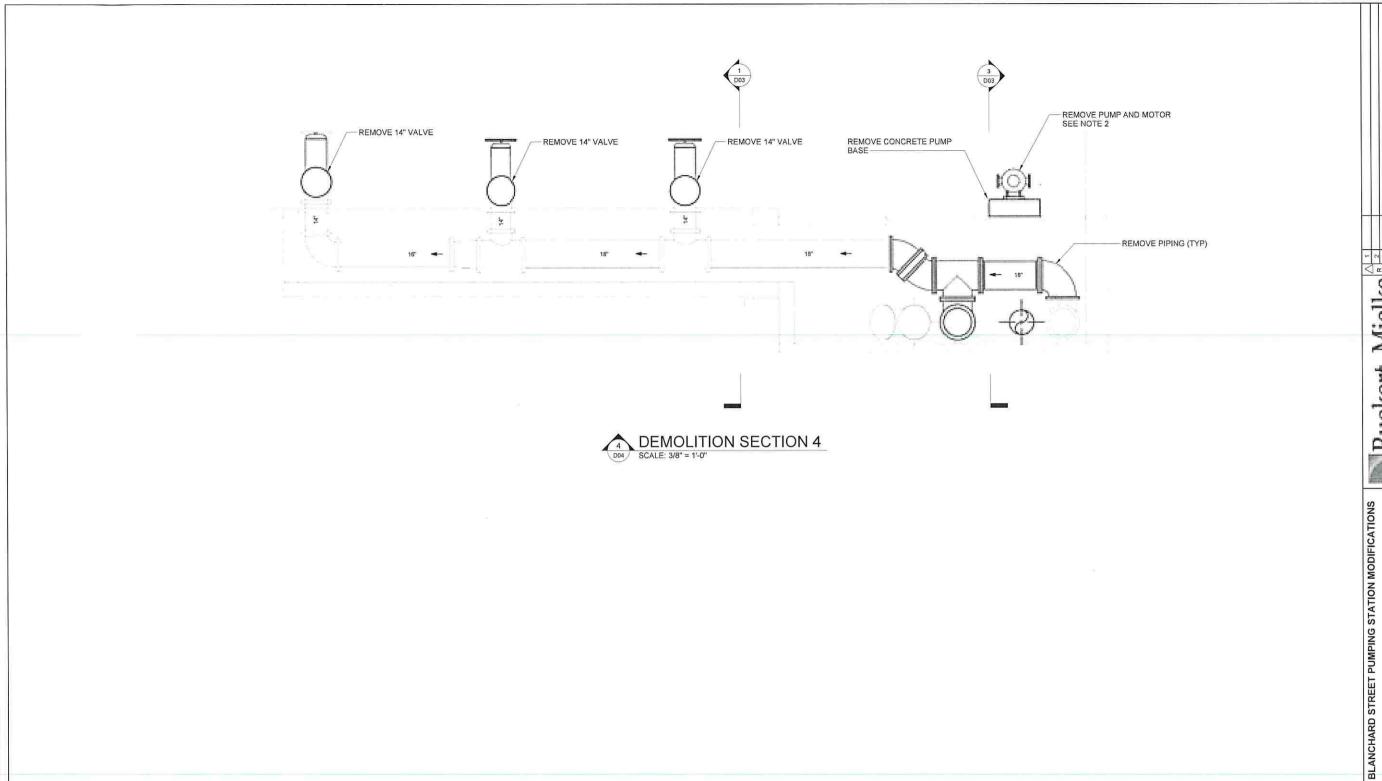
DRAFTED BY: WCB CHECKED BY: DJH

DATE: NOVEMBER, 2021

FILE NO.

DRAWING NO.

SHEET NO. D03



DEMOLITION SECTIONS - 2

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DESIGN BY: CLE DRAFTED BY: WCB

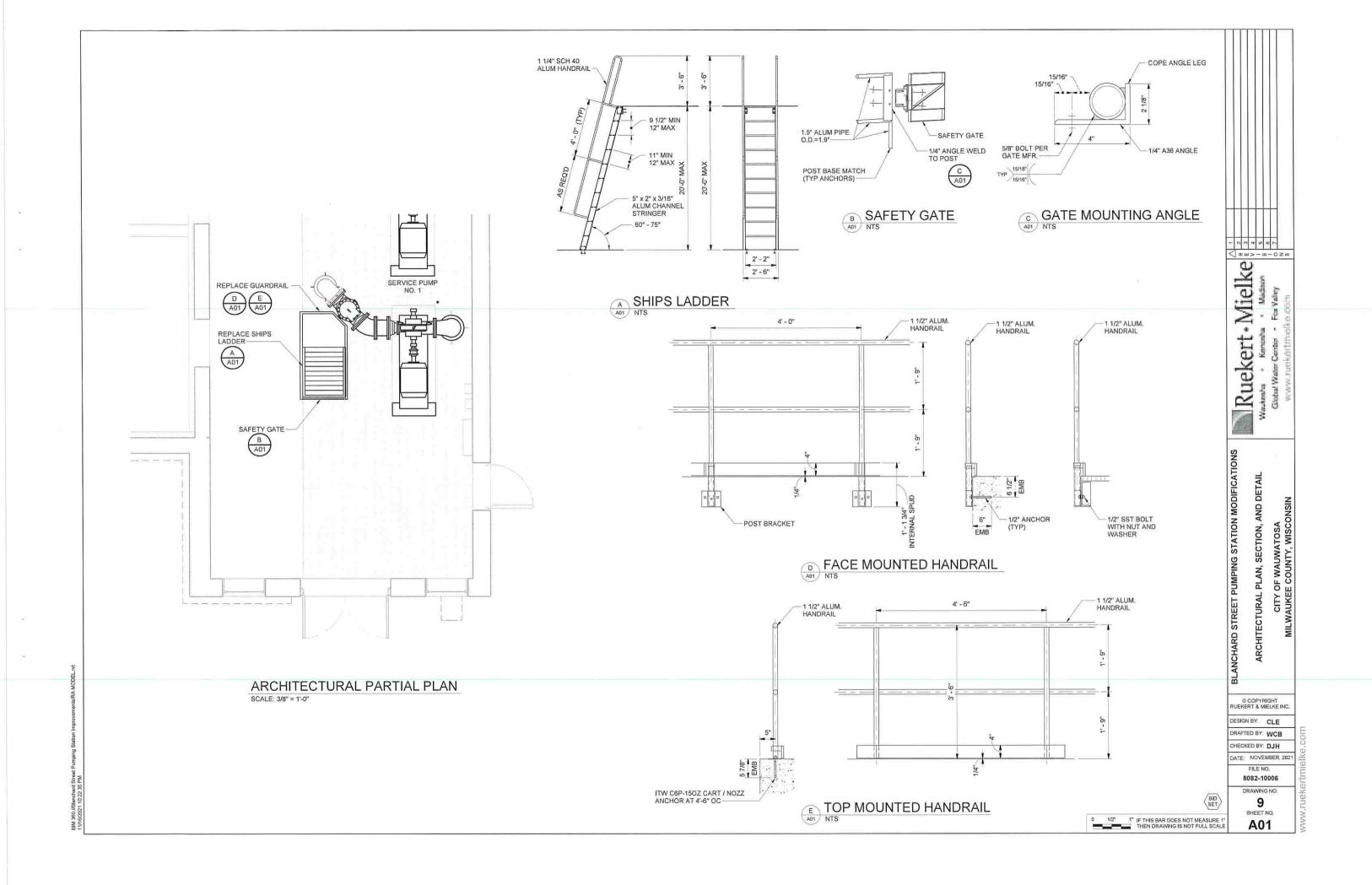
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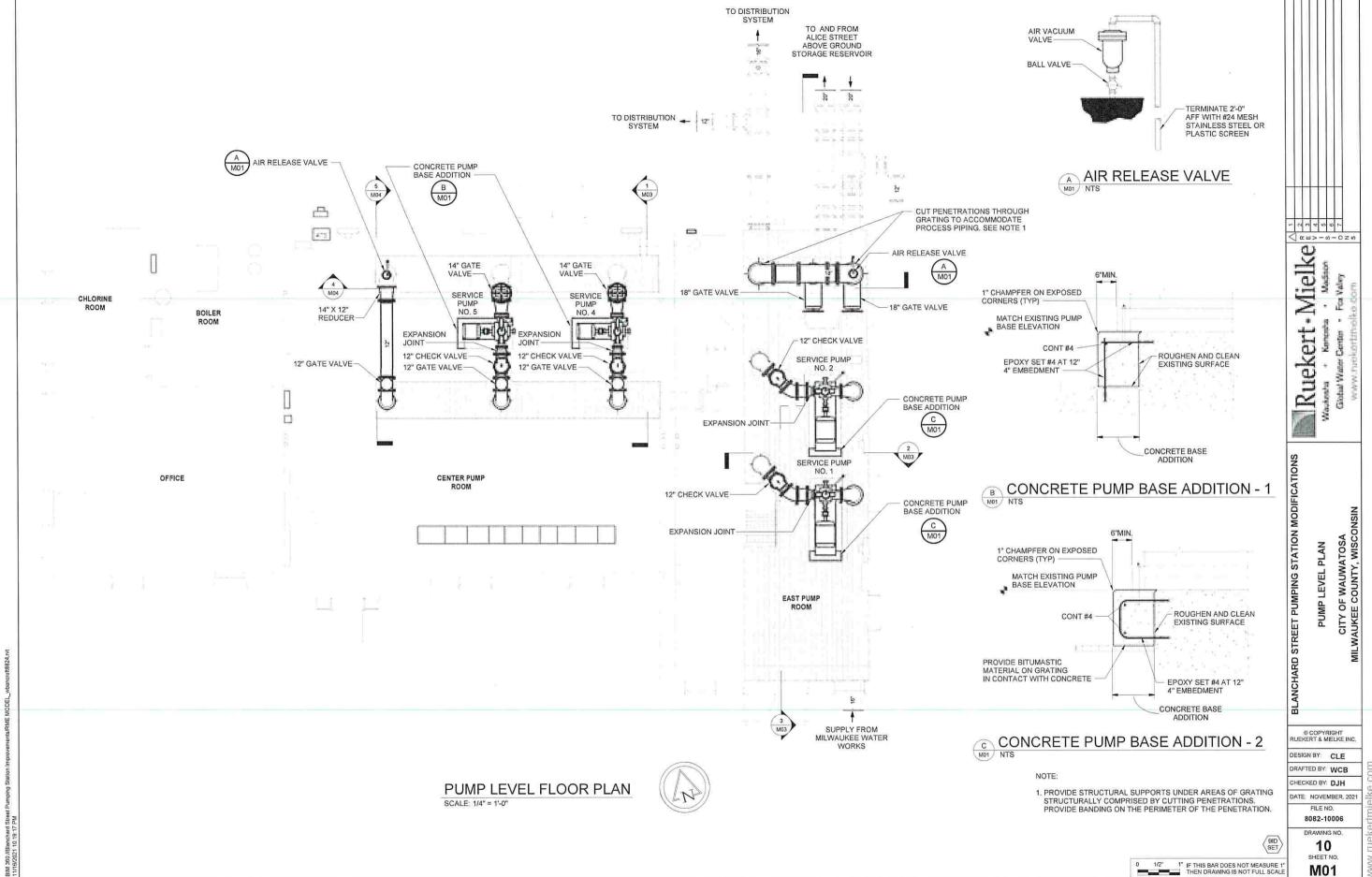
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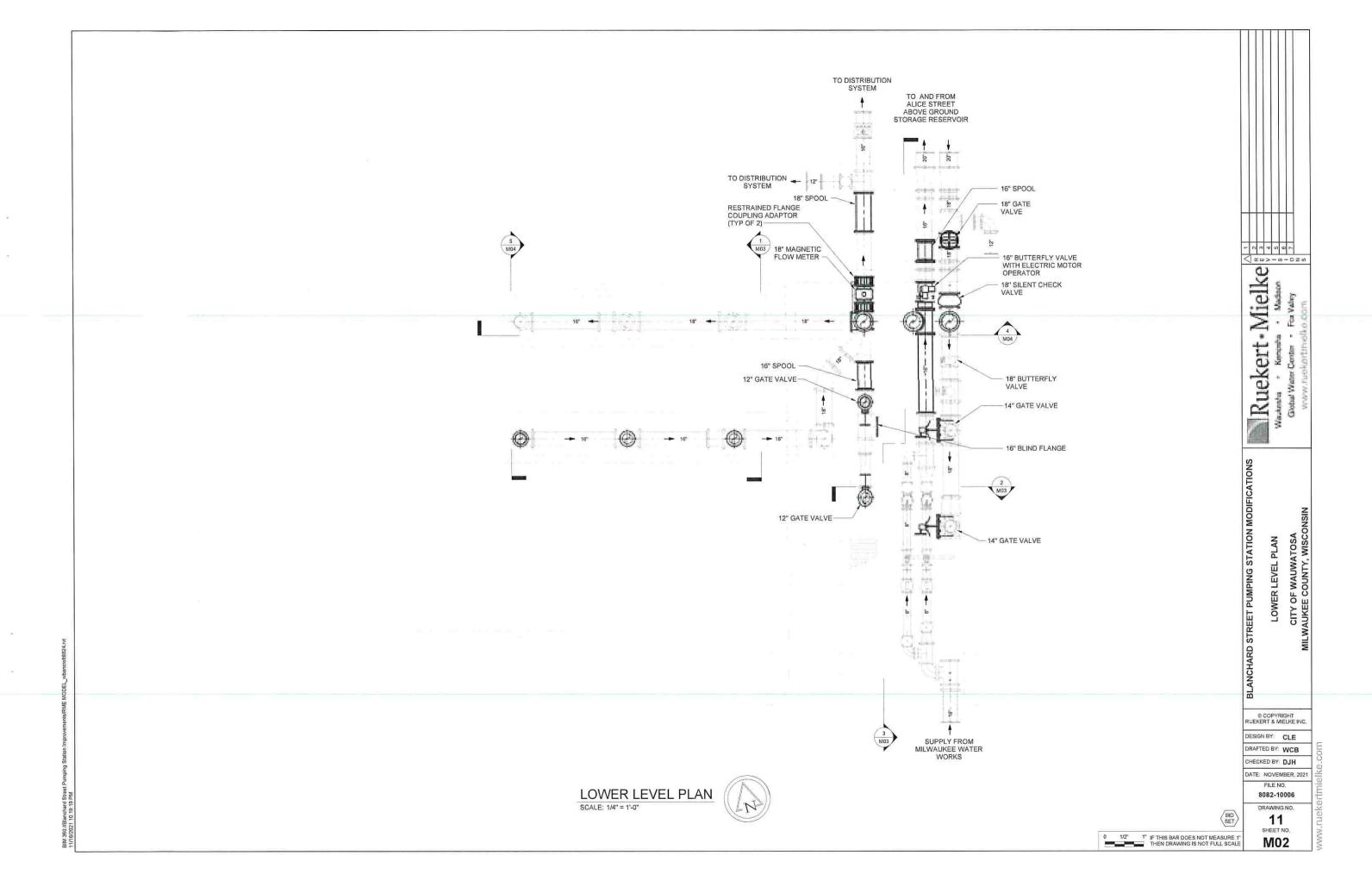
> DRAWING NO. 8 SHEET NO.

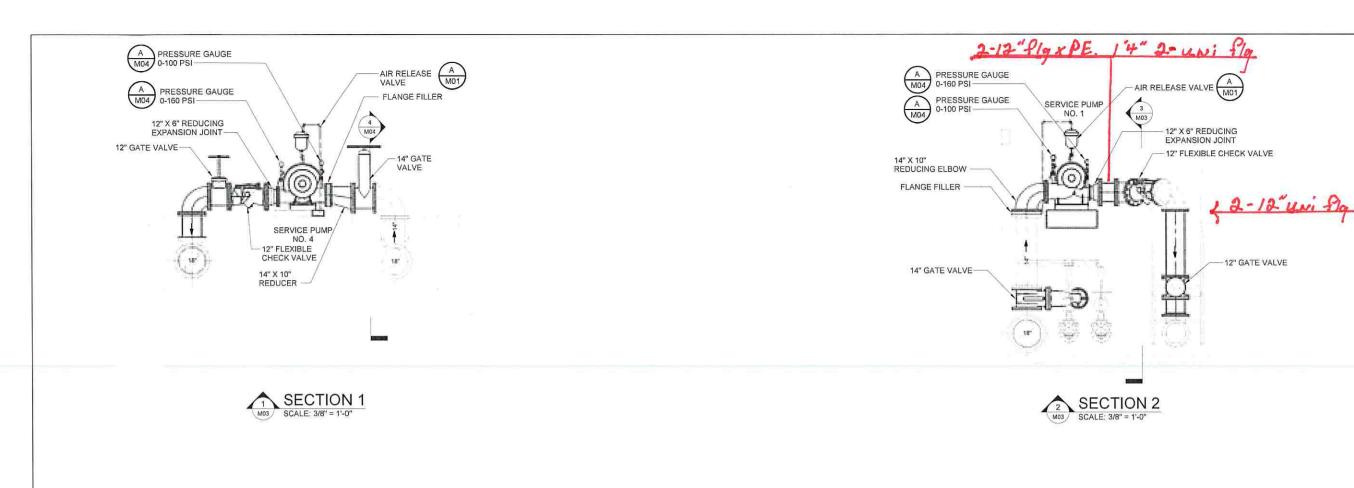
**D04** 

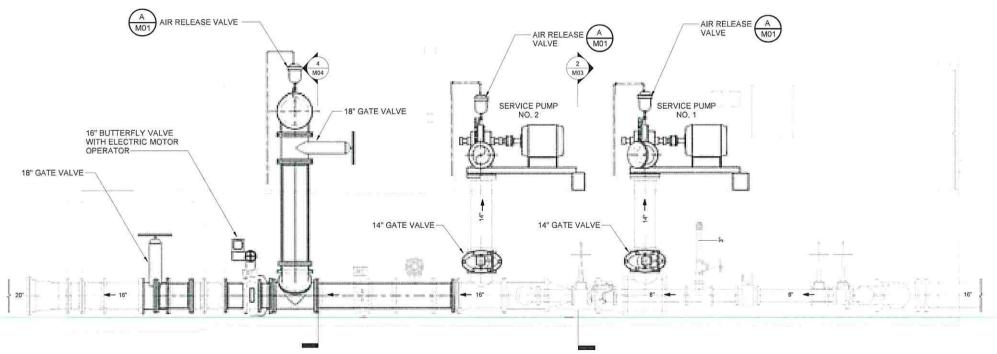
0 1/2" 1" IF THIS BAR DOES NOT MEASURE 1"
THEN DRAWING IS NOT FULL SCALE















BLANCHARD STREET PUMPING STATION MODIFICATIONS

CITY OF WAUWATOSA WAUKEE COUNTY, WISCONSIN MECHANICAL SECTIONS - 1

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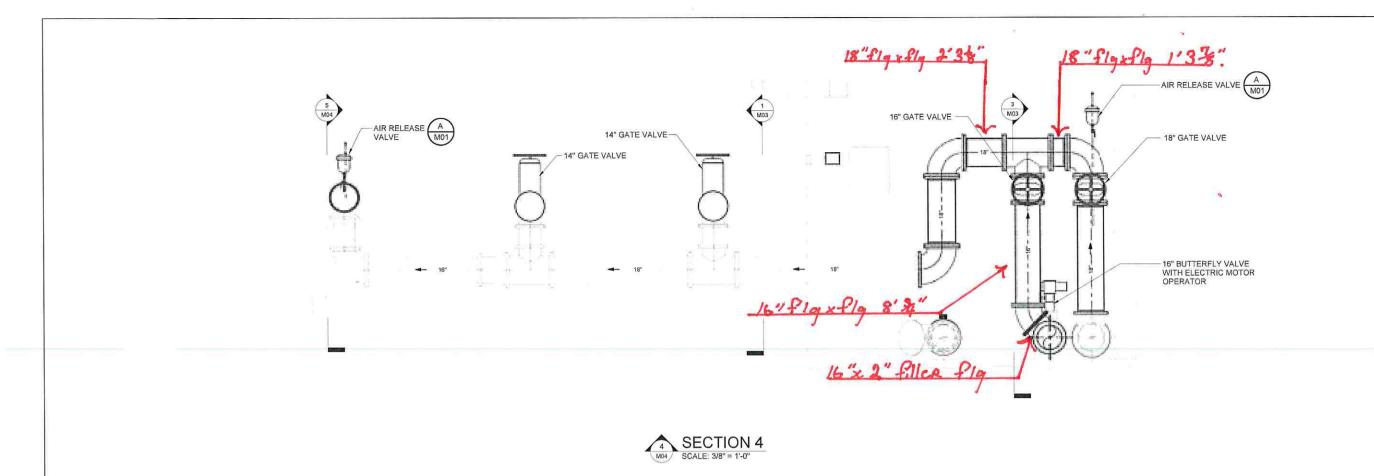
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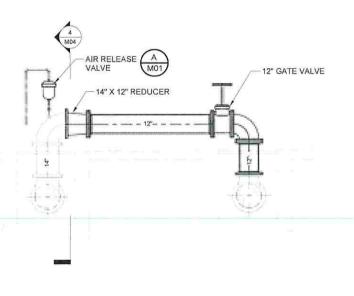
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DATE: NOVEMBER, 2021 FILE NO.

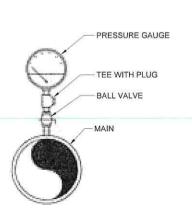
8082-10006 DRAWING NO.

**12** SHEET NO. M03









PRESSURE GAUGE

SET 0 1/2" 1" IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT FULL SCALE

Ruckert Mielke R 2 Contain Market S Contain Water S Contain Wa

CITY OF WAUWATOSA MILWAUKEE COUNTY, WISCONSIN MECHANCIAL SECTIONS - 2

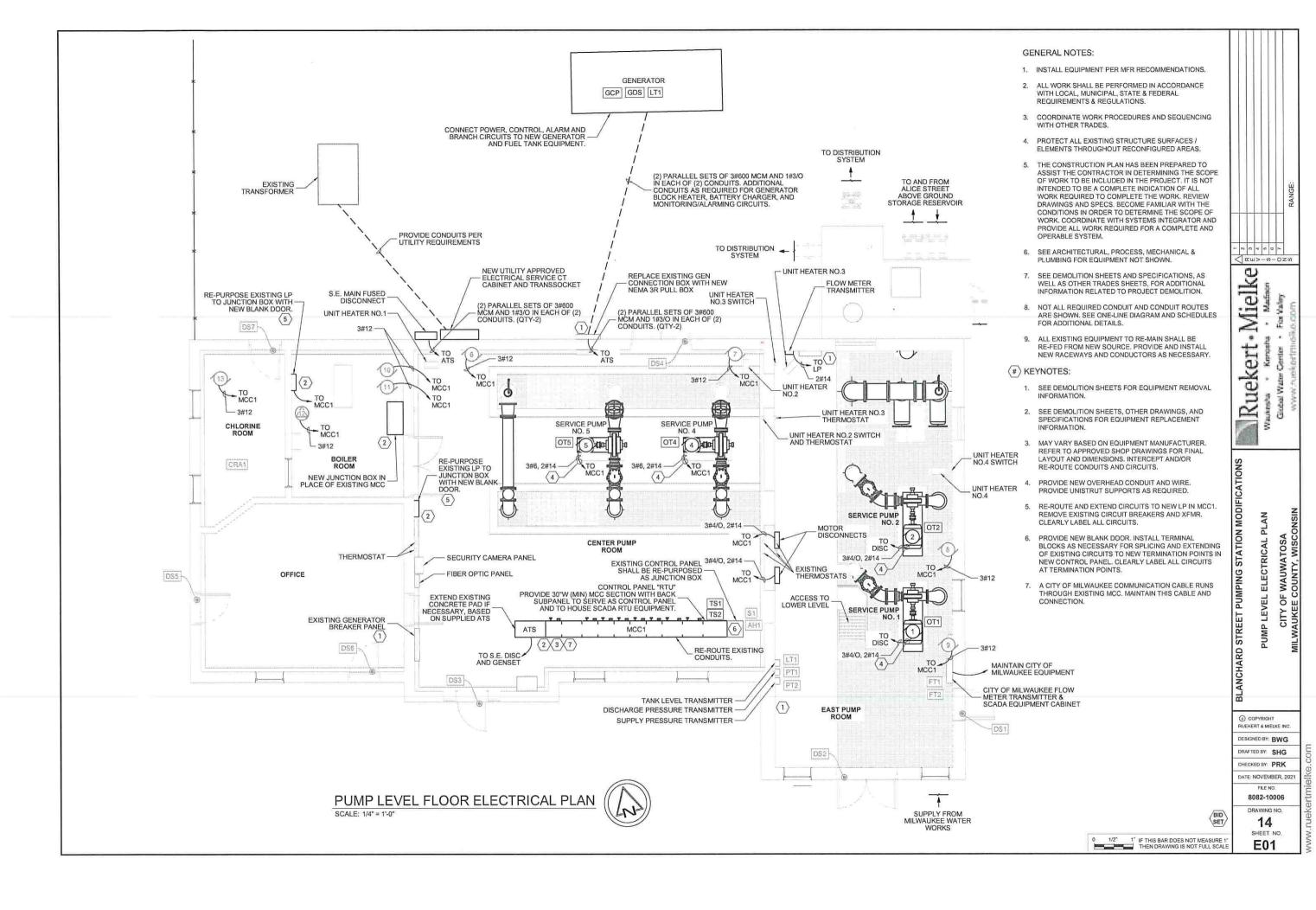
BLANCHARD STREET PUMPING STATION MODIFICATIONS © COPYRIGHT RUEKERT & MIELKE INC.

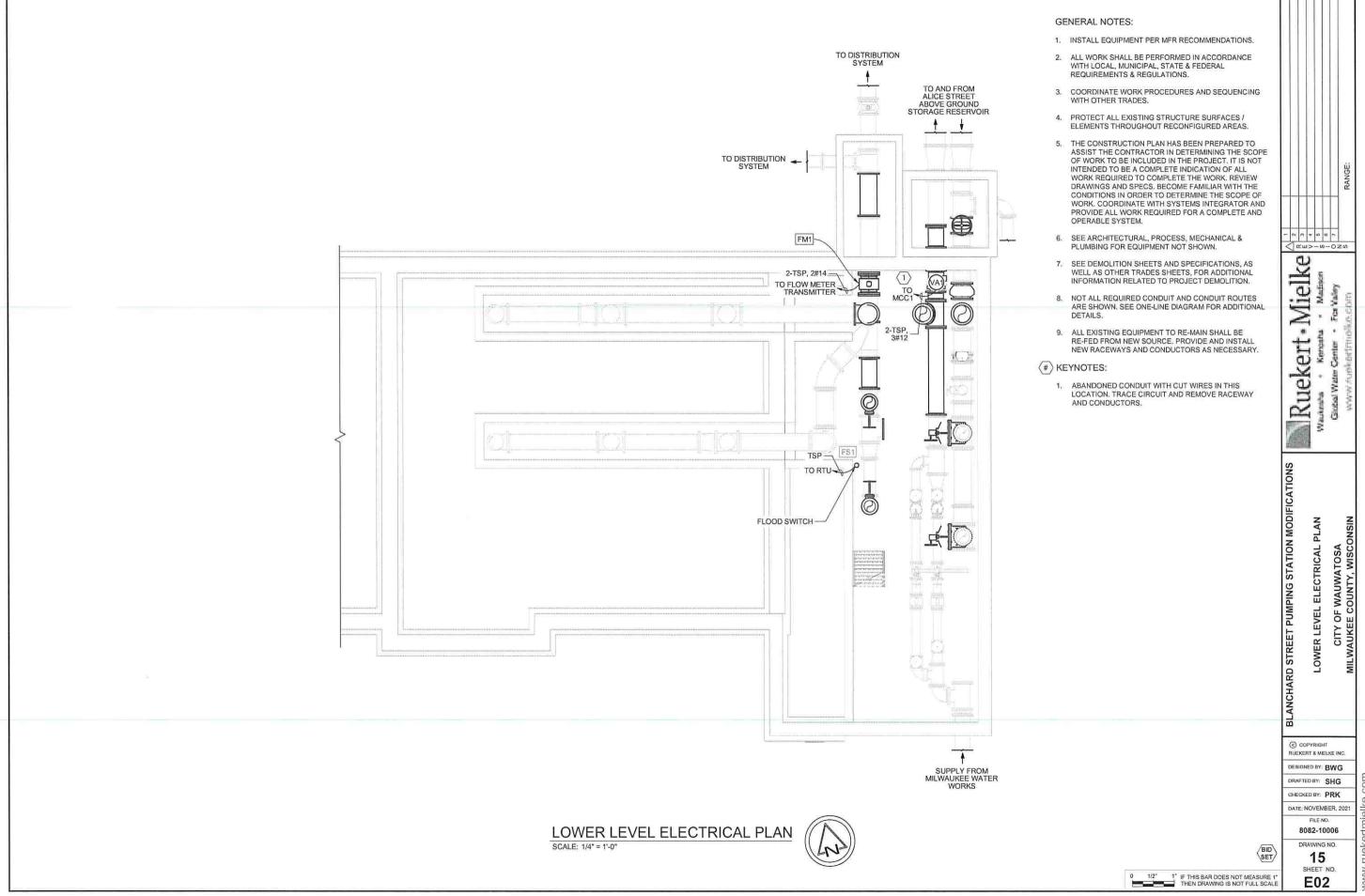
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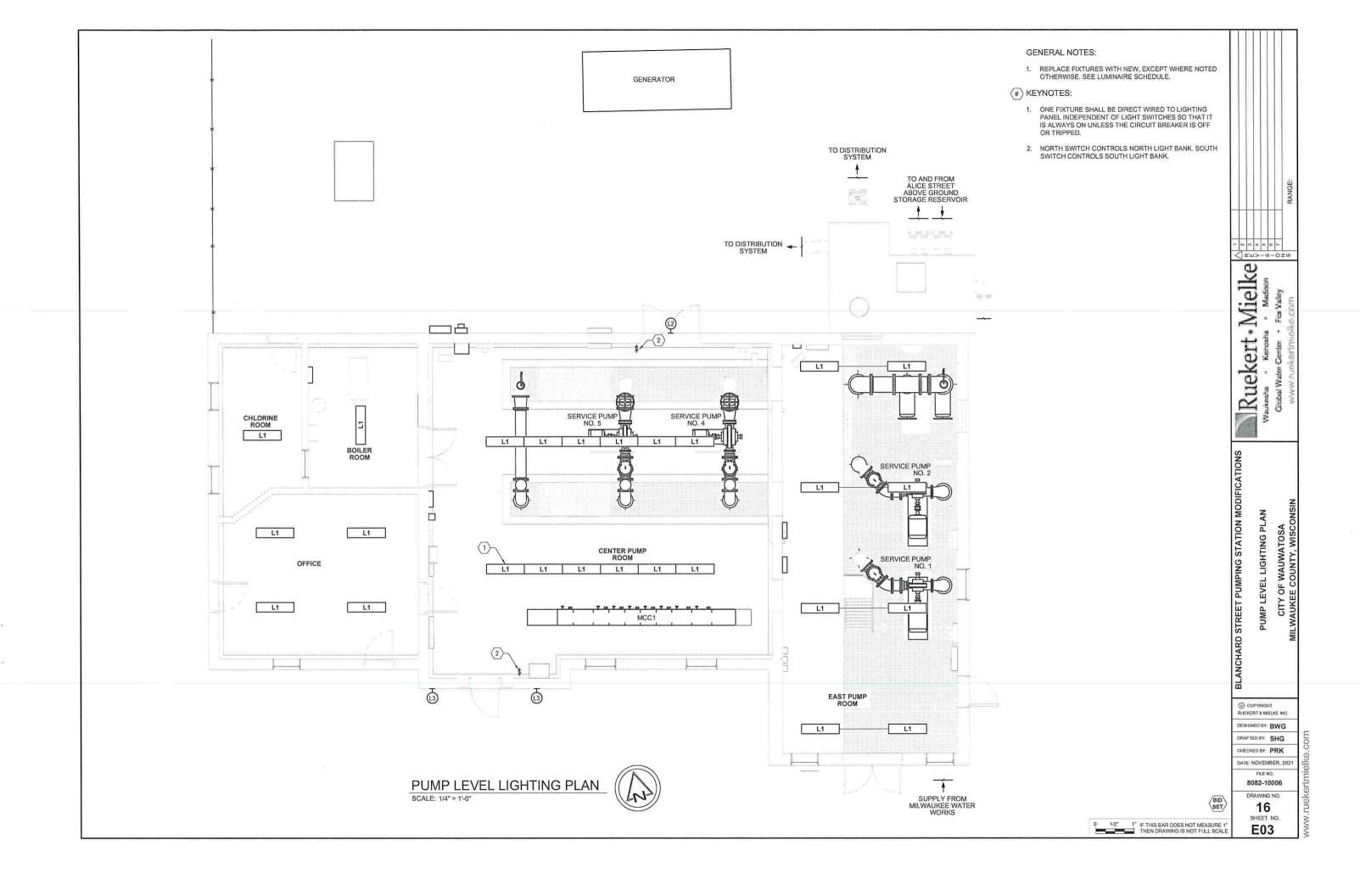
DATE: NOVEMBER, 2021 FILE NO.

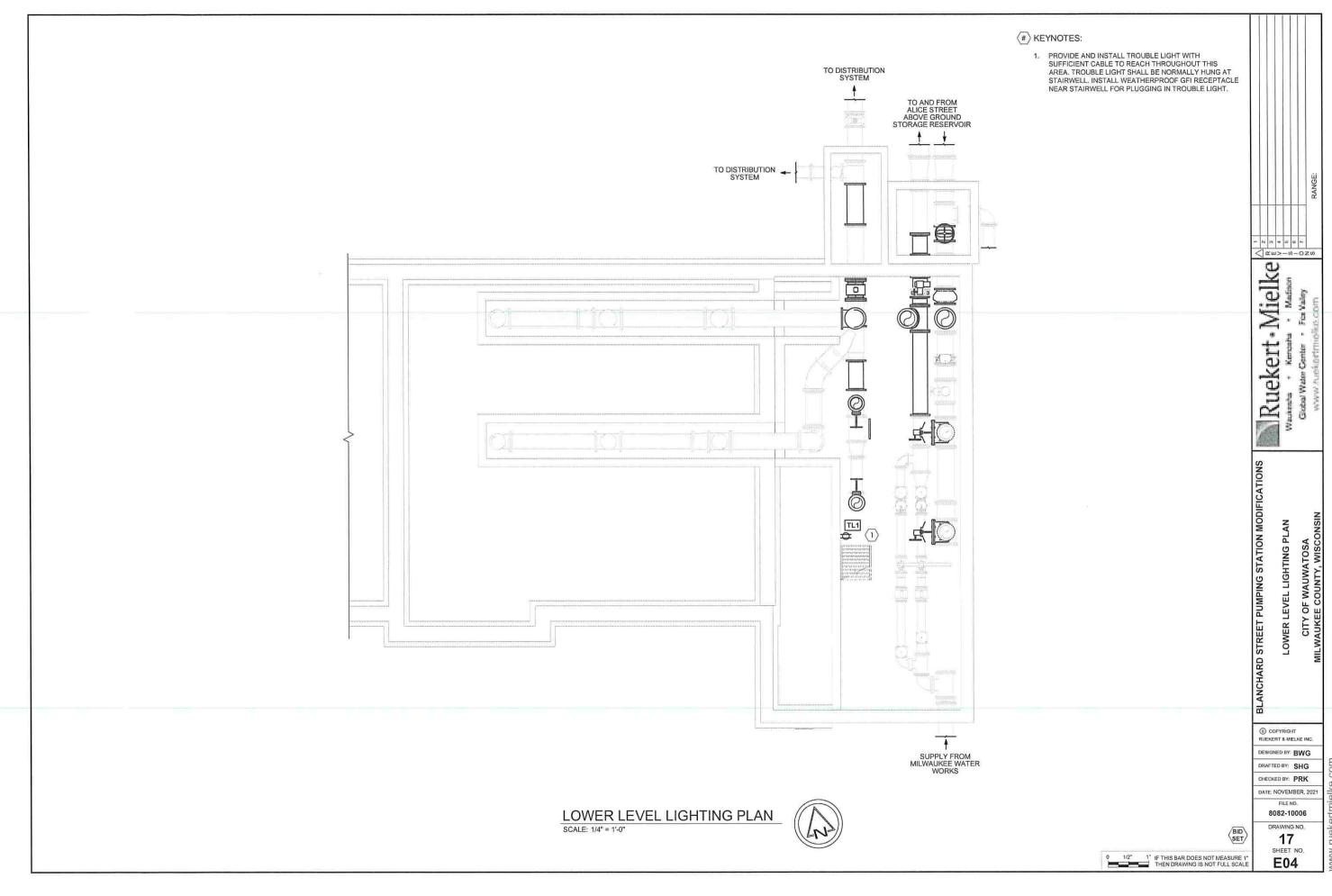
8082-10006 DRAWING NO.

13 SHEET NO. M04

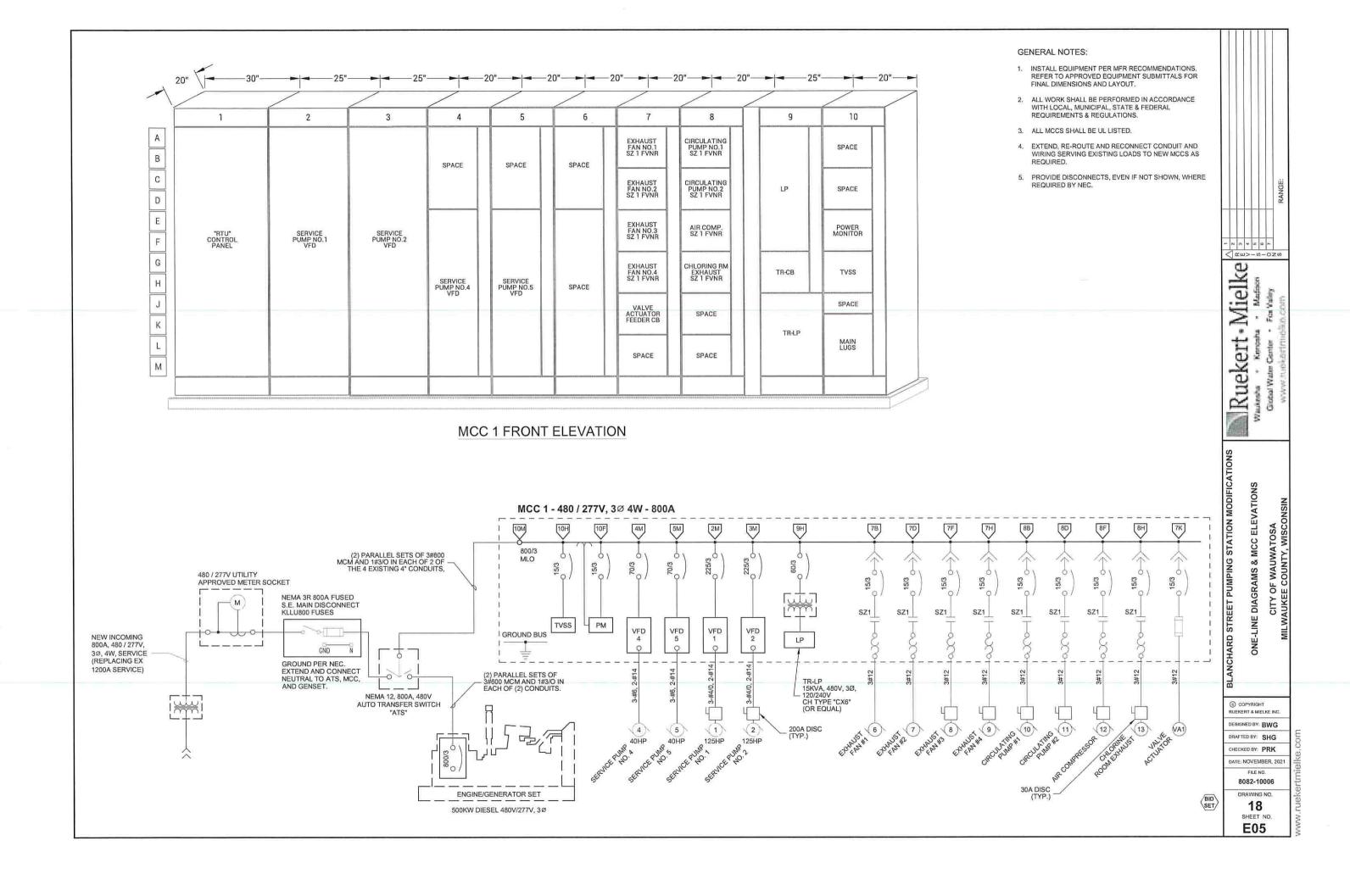








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|      |     |                       | MOTOR & | SPECI | AL OUTLE | T SCHE | DULE                |            |                |       |
|------|-----|-----------------------|---------|-------|----------|--------|---------------------|------------|----------------|-------|
| MARK | TAG | DESCRIPTION           | H.P.    | ĸw    | VOLT / Ø | F.L.A. | CKT FROM            | DISCONNECT | LOCATION       | NOTES |
| 1    | P1  | SERVICE PUMP NO.1     | 125     |       | 480/3    | *156   | VFD1 IN MCC         | NEAR EQUIP | EAST PUMP RM   | 1,2   |
| 2    | P2  | SERVICE PUMP NO.2     | 125     |       | 480/3    | *156   | VFD2 IN MCC         | NEAR EQUIP | EAST PUMP RM   | 1,2   |
| 4    | P4  | SERVICE PUMP NO.4     | 40      |       | 480/3    | *52    | VFD4 IN MCC         | AT MCC     | CENTER PUMP RM | 1,2   |
| 5    | P5  | SERVICE PUMP NO.5     | 40      |       | 480/3    | *52    | VFD5 IN MCC         | AT MCC     | CENTER PUMP RM | 1,2   |
| 6    | EF2 | EXHAUST FAN NO.1      | 3/4     |       | 480/3    | . 1.6  | <b>FVNR IN MCC1</b> | AT MCC     | CENTER PUMP RM | 3,4   |
| 7    | EF3 | EXHAUST FAN NO.2      | 3/4     |       | 480/3    | *1.6   | <b>FVNR IN MCC1</b> | AT MCC     | CENTER PUMP RM | 3,4   |
| 8    | EF4 | EXHAUST FAN NO.3      | 1/2     | -     | 480/3    | 11.1   | FVNR IN MCC1        | NEAR EQUIP | EAST PUMP RM   | 3,4   |
| 9    | EF5 | EXHAUST FAN NO.4      | 1/2     |       | 480/3    | ^1.1   | <b>FVNR IN MCC1</b> | NEAR EQUIP | EAST PUMP RM   | 3,4   |
| 10   | 4.  | CIRCULATING PUMP NO.1 | 1/2     |       | 480/3    | *1.1   | <b>FVNR IN MCC1</b> | NEAR EQUIP | BOILER RM      | 3,4   |
| 11   | (O) | CIRCULATING PUMP NO 2 | 1/2     | S     | 480/3    | 1.1    | FVNR IN MCC1        | NEAR EQUIP | BOILER RM      | 3,4   |
| 12   | AC  | AIR COMPRESSOR        | 3/4     |       | 480/3    | *1.6   | <b>FVNR IN MCC1</b> | NEAR EQUIP | BOILER RM      | 3,4   |
| 13   | EF1 | CHLORINE ROOM EXHAUST | 1/2     |       | 480/3    | *1.1   | FVNR IN MCC1        | NEAR EQUIP | CHLORINE RM    | 3,4   |

- "" INDICATES AMPS ARE APPROXIMATE BASED ON NEC. VERIFY EQUIPMENT FLA BASED ON MFR DATA AND NAMEPLATE.

  1. MOTOR HAS WINDING STATS. WIRE TO VFD IN SEPARATE CONDUIT.

  2. PUMP MOTOR IS BEING REPLACED.

  3. EQUIPMENT IS EXISTING TO REMAIN AND REFED FROM NEW MCC.

  4. VERIFY ELECTRICAL CHARACTERISTICS / NAMEPLATE DATE OF EXISTING EQUIPMENT.

| OT2<br>OT4<br>OT5<br>TS1   | RTU GCP RTU RTU RTU RTU RTU VFD1 VFD2 VFD4 VFD5 RTU RTU RTU RTU RTU RTU RTU RTU RTU | 4-#14 PER MFR 6-#14 2-TSP 4-#14 2-#14 2-#14 2-#14 2-#14 2-#14 2-#14 2-#14 2-#14 2-#14 2-#14 2-#14 2-#15P, 3-#12 6-#14, 2-TSP, CAT6 6-#14, 2-TSP, CAT6 | TRANSFER SW. POSITION GENERATOR CONTROL FUEL TANK LEVEL / RUPTURE (NOTE 2) FLOW METER NO.1 GENERATOR "RUN" & "FAIL" STATUS GENERATOR ENCLOSURE DOOR SWITCH(ES) FUEL LEVEL TRANSMITTER (NOTE 2) MOTOR 1 OVER TEMP SENSOR MOTOR 2 OVER TIMEP SENSOR MOTOR 4 OVER TEMP SENSOR MOTOR 5 OVER TIMEP SENSOR LOW-TEMP ALARM HIGH-TEMP ALARM VALVE ACTUATOR (4-20MA CNTRL, 480VAC PWR) VFD CONTROL & ALARMS VFD CONTROL & ALARMS  |
|--|---|---|--|
| FLT FM1 GCP GDS LT1 OT1 OT2 OT4 OT5 TS1 TS2 VVA1 R FFD1 FFD2 FFD4 FFD5 PM FVSS AH1 | RTU RTU RTU RTU RTU RTU VFD1 VFD2 VFD4 VFD5 RTU RTU TU/MCC RTU RTU RTU RTU          | 6-#14 2-TSP 4-#14 2-#14 2-#14 2-#14 2-#14 2-#14 2-#14 2-#14 2-#14 2-#14 2-#15P, 3-#12 6-#14, 2-TSP, CAT8 6-#14, 2-TSP, CAT6                           | FUEL TANK LEVEL / RUPTURE (NOTE 2)  FLOW METER NO.1  GENERATOR "RUN" & "FAIL" STATUS  GENERATOR ENCLOSURE DOOR SWITCH(ES)  FUEL LEVEL TRANSMITTER (NOTE 2)  MOTOR 1 OVER TEMP SENSOR  MOTOR 2 OVER TMEP SENSOR  MOTOR 4 OVER TEMP SENSOR  MOTOR 5 OVER TMEP SENSOR  LOW-TEMP ALARM  HIGH-TEMP ALARM  VALVE ACTUATOR (4-20MA CNTRL, 480VAC PWR)  VFD CONTROL & ALARMS   |
| FM1 GGP GDS LT1 OT1 OT2 OT4 OT5 TS1 TS2 VVA1 R FD1 FFD2 FFD4 FFD5 FM FVSS AH1      | RTU RTU RTU RTU VFD1 VFD2 VFD4 VFD5 RTU RTU TU/MCC RTU RTU RTU RTU                  | 2-TSP 4-#14 2-#14 2-#14 2-#14 2-#14 2-#14 2-#14 2-#14 2-#14 2-#14 2-TSP, 3-#12 6-#14, 2-TSP, CAT6 6-#14, 2-TSP, CAT6                                  | FLOW METER NO.1 GENERATOR "RUN" & "FAIL" STATUS GENERATOR ENCLOSURE DOOR SWITCH(ES) FUEL LEVEL TRANSMITTER (NOTE 2) MOTOR 1 OVER TEMP SENSOR MOTOR 2 OVER TMEP SENSOR MOTOR 4 OVER TEMP SENSOR MOTOR 5 OVER TMEP SENSOR LOW-TEMP ALARM HIGH-TEMP ALARM VALVE ACTUATOR (4-20mA CNTRL, 480VAC PWR) VFD CONTROL & ALARMS  |
| GCP GDS LT1 OT1 OT2 OT4 OT5 TS1 TS2 VA1 R VFD1 VFD4 VFD5 PM IVSS AH1               | RTU RTU VFD1 VFD2 VFD4 VFD5 RTU RTU TU/MCC RTU RTU RTU                              | 4-#14 2-#14 2-#14 2-#14 2-#14 2-#14 2-#14 2-#14 2-#14 2-#14 2-TSP, 3-#12 6-#14, 2-TSP, CAT6 6-#14, 2-TSP, CAT6  | GENERATOR "RUN" & "FAIL" STATUS GENERATOR ENCLOSURE DOOR SWITCH(ES) FUEL LEVEL TRANSMITTER (NOTE 2) MOTOR 1 OVER TEMP SENSOR MOTOR 2 OVER TMEP SENSOR MOTOR 4 OVER TEMP SENSOR MOTOR 5 OVER TMEP SENSOR LOW-TEMP ALARM HIGH-TEMP ALARM VALVE ACTUATOR (4-20MA CNTRL, 480VAC PWR) VFD CONTROL & ALARMS  |
| GDS LT1 OT1 OT2 OT4 OT5 STS1 STS2 VVA1 R VFD1 VFD2 VFD4 VFD5 PM VVSS AH1           | RTU RTU VFD1 VFD2 VFD4 VFD5 RTU RTU TU/MCC RTU RTU RTU                              | 2-#14 2-#14 2-#14 2-#14 2-#14 2-#14 2-#14 2-#14 2-#14 2-TSP, 3-#12 6-#14, 2-TSP, CAT6 6-#14, 2-TSP, CAT6  | GENERATOR ENCLOSURE DOOR SWITCH(ES) FUEL LEVEL TRANSMITTER (NOTE 2) MOTOR 1 OVER TEMP SENSOR MOTOR 2 OVER TMEP SENSOR MOTOR 4 OVER TEMP SENSOR MOTOR 5 OVER TMEP SENSOR LOW-TEMP ALARM HIGH-TEMP ALARM VALVE ACTUATOR (4-20mA CNTRL, 480VAC PWR) VFD CONTROL 8 ALARMS  |
| LT1 OT1 OT2 OT4 OT5 TS1 TS2 VA1 R VFD1 VFD5 VFD5 PM IVSS AH1                       | RTU VFD1 VFD2 VFD4 VFD5 RTU RTU TU/MCC RTU RTU RTU RTU                              | 2-#14 2-#14 2-#14 2-#14 2-#14 2-#14 2-#14 2-#14 2-TSP, 3-#12 6-#14, 2-TSP, CAT6 6-#14, 2-TSP, CAT6  | FUEL LEVEL TRANSMITTER (NOTE 2) MOTOR 1 OVER TEMP SENSOR MOTOR 2 OVER TMEP SENSOR MOTOR 4 OVER TEMP SENSOR MOTOR 5 OVER TMEP SENSOR LOW-TEMP ALARM HIGH-TEMP ALARM VALVE ACTUATOR (4-20MA CNTRL, 480VAC PWR) VFD CONTROL 8 ALARMS  |
| OT1 OT2 OT4 OT5 TS1 TS2 VA1 R /FD1 /FD2 /FD4 /FD5 PM IVSS                          | VFD1 VFD2 VFD4 VFD5 RTU RTU TU/MCC RTU RTU RTU                                      | 2-#14 2-#14 2-#14 2-#14 2-#14 2-#14 2-#14 2-#14 2-TSP, 3-#12 6-#14, 2-TSP, CAT6 6-#14, 2-TSP, CAT6  | MOTOR 1 OVER TEMP SENSOR  MOTOR 2 OVER TMEP SENSOR  MOTOR 4 OVER TEMP SENSOR  MOTOR 5 OVER TMEP SENSOR  LOW-TEMP ALARM  HIGH-TEMP ALARM  VALVE ACTUATOR (4-20mA CNTRL, 480VAC PWR)  VFD CONTROL 8 ALARMS   |
| OT2 OT4 OT5 TS1 TS2 VA1 R VFD1 VFD4 VFD5 PM IVSS                                   | VFD2 VFD4 VFD5 RTU RTU TU/MCC RTU RTU RTU   | 2.#14<br>2.#14<br>2.#14<br>2.#14<br>2.#14<br>2.#14<br>2-TSP, 3.#12<br>6.#14, 2-TSP, CAT8<br>6-#14, 2-TSP, CAT6  | MOTOR 2 OVER TMEP SENSOR MOTOR 4 OVER TEMP SENSOR MOTOR 5 OVER TMEP SENSOR LOW-TEMP ALARM HIGH-TEMP ALARM VALVE ACTUATOR (4-20mA CNTRL, 480VAC PWR) VFD CONTROL 8 ALARMS   |
| OT4 OT5 TS1 TS2 VA1 R /FD1 /FD2 /FD4 /FD5 PM FVSS                                  | VFD4 VFD5 RTU RTU TU/MCC RTU RTU RTU  | 2.#14<br>2.#14<br>2.#14<br>2.#14<br>2.#15P. 3.#12<br>6.#14. 2-TSP, CAT8<br>6.#14. 2-TSP, CAT6   | MOTOR 4 OVER TEMP SENSOR MOTOR 5 OVER TMEP SENSOR LOW-TEMP ALARM HIGH-TEMP ALARM VALVE ACTUATOR (4-20mA CNTRL, 480VAC PWR) VFD CONTROL & ALARMS  |
| OT5 TS1 TS2 VA1 R /FD1 /FD2 /FD4 /FD5 PM TVSS AH1                                  | VFD5<br>RTU<br>RTU<br>TU/MCC<br>RTU<br>RTU  | 2-#14<br>2-#14<br>2-#14<br>2-TSP, 3-#12<br>6-#14, 2-TSP, CAT8<br>6-#14, 2-TSP, CAT6   | MOTOR 5 OVER TMEP SENSOR LOW-TEMP ALARM HIGH-TEMP ALARM VALVE ACTUATOR (4-20mA CNTRL, 480VAC PWR) VFD CONTROL & ALARMS   |
| TS1 TS2 VA1 R VFD1 VFD2 VFD4 VFD5 VFD5 PM TVSS AH1                                 | RTU<br>RTU<br>TU/MCC<br>RTU<br>RTU  | 2-#14<br>2-#14<br>2-TSP, 3-#12<br>6-#14, 2-TSP, CAT6<br>6-#14, 2-TSP, CAT6  | LOW-TEMP ALARM HIGH-TEMP ALARM VALVE ACTUATOR (4-20mA CNTRL, 480VAC PWR) VFD CONTROL & ALARMS  |
| TS2 VA1 R VFD1 VFD2 VFD4 VFD5 VFD5 VFD5 PM VVSS AH1                                | RTU<br>TU/MCC<br>RTU<br>RTU   | 2-#14<br>2-TSP, 3-#12<br>6-#14, 2-TSP, CAT6<br>6-#14, 2-TSP, CAT6   | HIGH-TEMP ALARM  VALVE ACTUATOR (4-20mA CNTRL, 480VAC PWR)  VFD CONTROL & ALARMS   |
| VA1 R VFD1 VFD2 VFD4 VFD5 VFD5 PM VVSS AH1   | RTU<br>RTU<br>RTU<br>RTU  | 2-TSP, 3-#12<br>6-#14, 2-TSP, CAT6<br>6-#14, 2-TSP, CAT6  | VALVE ACTUATOR (4-20mA CNTRL, 480VAC PWR)<br>VFD CONTROL & ALARMS  |
| /FD1<br>/FD2<br>/FD4<br>/FD5<br>/FD5<br>PM<br>FVSS                                 | RTU<br>RTU<br>RTU   | 6-#14, 2-TSP, CAT6<br>6-#14, 2-TSP, CAT6  | VFD CONTROL 8 ALARMS   |
| /FD2<br>/FD4<br>/FD5<br>/FD5<br>PM<br>TVSS   | RTU   | 6-#14, 2-TSP, CAT6  | MANAGER PROGRAMMENT OF THE PROGR |
| /FD4<br>/FD5<br>/FD5<br>PM<br>FVSS   | RTU   | E 100 // DEP/8/25 (07 7 75 7  | VFD CONTROL & ALARMS   |
| VFD5 VFD5 PM PVSS AH1  |   | 6-#14, 2-TSP, CAT6  |  |
| PM . TVSS .  | RTU   |   | VFD CONTROL & ALARMS   |
| PM .<br>IVSS .<br>AH1 .  | 131715  | 6-#14, 2-TSP, CAT6  | VFD CONTROL & ALARMS   |
| rvss .<br>AH1 .  | RTU   | 6-#14, 2-TSP, CAT6  | VFD CONTROL & ALARMS   |
| AH1 .  | RTU   | CAT6  | POWER MONITOR (IN MCC)   |
| esovito)   | RTU   | TSP   | IN MCC   |
| TT1  | RTU   | SEE NOTE 3  | ALARM HORN (EX.)   |
| (5) (5) (5)  | RTU   | SEE NOTE 3  | WATER TEMPERATURE TRANSMITTER (EX.)  |
| CRA1   | RTU   | SEE NOTE 3  | CHLORINE RESIDUAL ANALYZER (EX.)   |
| LT1  | RTU   | SEE NOTE 3  | TANK LEVEL TRANSMITTER (EX.)   |
| PT1  | RTU   | SEE NOTE 3  | SUPPLY PRESSURE TRANSMITTER (EX.)  |
| PT2  | RTU   | SEE NOTE 3  | DISCHARGE PRESSURE TRANSMITTER (EX.)   |
| FT1  | RTU   | SEE NOTE 3  | MILWAUKEE FLOW RATE NO.1 (EX.)   |
| FT2  | RTU   | SEE NOTE 3  | MILWAUKEE FLOW RATE NO 2 (EX.)   |
| DS1  | RTU   | SEE NOTE 3  | DOOR SWITCH E. PUMP RM EAST DOOR (EX.)   |
| DS2  | RTU   | SEE NOTE 3  | DOOR SWITCH E. PUMP RM SOUTH DOOR (EX.)  |
| DS3  | RTU   | SEE NOTE 3  | DOOR SWITCH W. PUMP RM SOUTH DOOR (EX.)  |
| DS4  | RTU   | SEE NOTE 3  | DOOR SWITCH W. PUMP RM NORTH DOOR (EX.)  |
| DS5  | RTU   | SEE NOTE 3  | DOOR SWITCH OFFICE DOOR (EX.)  |
| DS6  | RTU   | SEE NOTE 3  | DOOR SWITCH OFFICE DOOR (EX.)  |
| DS7  | RTU   | SEE NOTE 3  | DOOR SWITCH CHLORINE DOOR (EX.)  |
| GBD1   | RTU   | SEE NOTE 3  | GLASS BREAK DETECTORS (EX.)  |

- 1. FURNISH AND INSTALL ALL WIRING FROM CONTROL DEVICES TO CONTROL
- 1. FURNISH AND INSTALL ALL WIRING FROM CONTROL DEVICES TO CONTROL PANELS IN CONDUIT.
  2. DEVICE LOCATED AT OUTDOOR GENERATOR ENCLOSURE.
  3. DEVICE, RACEWAY AND CONDUCTORS ARE EXISTING. EXISTING RACEWAYS AND CONDUCTORS MAY BE REUSED IF PRACTICAL, AND IF IN GOOD CONDITION. INSTALL NEW RACEWAYS AND CONDUCTORS WHERE NECESSARY. EXISTING CONTROL PANEL SHALL BE RE-PURPOSED AS JUNCTION BOX. SPLICE CONNECTIONS (WHERE APPLICABLE) IN EXISTING CONTROL PANEL AND EXTEND TO ANSWER CONTROL PANEL AND EXTEND. TO NEW CONTROL PANEL. REFER TO CONTROL PANEL SUPPLIER'S APPROVED SHOP DRAWINGS FOR FINAL CONNECTIONS AND REQUIREMENTS. CLEARLY LABEL ALL SPLICED CONDUCTORS AT THEIR TERMINATION POINTS.

|      | LUMI                                      | NAIRE SCHEDULE       |                                       |       |
|------|---|----------------------|---------------------------------------|-------|
| TYPE | DESCRIPTION                               | MANUFACTURER         | MODEL                                 | NOTES |
| L1   | LED ENCLOSED-AND-GASKETED GENERAL PURPOSE | HOLOPHANE            | EMS-L48-6000LM-IMAFL-MD-120-40K-80CRI | 1     |
| L2   | EXTERIOR WALL-MOUNTED LED FLOOD LIGHT     | ACUITY               | ACPOLED P05 MVOLT 66 _ TM BZ SH AO    | 1,2   |
| L3   | EXTERIOR WALLPACK LED (ON TIMER)          | (EXISTING TO REMAIN) |                                       | 3     |
| TL1  | TROUBLE LIGHT                             | LARSON ELECTRONICS   | WAL-DL-LED-50                         |       |

- PROVIDE WITH PHOTOCELL CONTROL OPTION AND HOLOPHANE WALL-MOUNT BRACKET #BKT-1-BZ. SUBMIT COLOR OPTIONS FOR ENGINEER / OWNER REVIEW AND APPROVAL.
   PROVIDE NEW LED LAMPS FOR EXISTING FIXTURE.

|                      |                               | PANE   | L "LP"   |                                   |     |  |
|----------------------|-------------------------------|--|--|-----------------------------------|-----|--|
| LOCATION             | IN MCC1                       |  | DESCRIPTION: MLO, 120/208V, 3PH, 4W, 225A BUS, BOLT OF<br>TYPE, SEE NOTE 1 |                                   |     |  |
| CKT<br>(SPACE<br>NO) | LOAD SERVED                   | BRK<br>(AMP/<br>POLE)                                  | 1P/ (AMP/ LOAD SERVED  |                                   | СКТ |  |
| 1                    | CENTER PUMP RM LIGHTS - NORTH | 15/1   | 15/1   | " ELECTRICAL ACTUATOR             | 2   |  |
| 3                    | CENTER PUMP RM LIGHTS - SOUTH | 15/1   | 15/1   | EAST PUMP RM LIGHTS               | 4   |  |
| 5                    | ** GENERATOR BATTERY CHARGER  | RY CHARGER 20/2 15/1 CENTER PUMP RM UNIT HEATER - WEST |  | 6                                 |     |  |
| 7                    | & ENGINE JACKET HEATER        | 2012   | 15/1   | CENTER PUMP RM UNIT HEATER - EAST | 8   |  |
| 9                    | ** FLOW METER                 | 20/1   | 20/1   | EAST PUMP RM UNIT HEATER - WEST   | 10  |  |
| 11                   | "CONTROL PANEL / RTU          | 20/1   | 20/1   | EAST PUMP RM UNIT HEATER - EAST   | 12  |  |
| 13                   | CAMERA SYSTEM                 | 20/1   | 20/1   | EAST PUMP RM - RECPT              |     |  |
| 15                   | CENTER PUMP ROOM RECPT        | 20/1   | 20/1   | 1,000,000 GAL STORAGE TANK        | 16  |  |
| 17                   | CEILING FANS                  | 20/1   | 20/1   | MOD. VALVE                        | 18  |  |
| 19                   | MILWAUKEE RTU                 | 20/1   | 15/1   | EAST LOWER LEVEL RECPT            | 20  |  |
| 21                   | CHLORINE RM UNIT HEATER       | 15/1   | 15/1   | CHLORINE & BOILER RM LIGHTS       | 22  |  |
| 23                   | CHLORINE & BOILER RM RECPT    | 15/1   | 15/1   | SPARE                             | 24  |  |
| 25                   | BOILER CONTROLS               | 15/1   | 15/1   | OFFICE LIGHTS                     | 26  |  |
| 27                   | BOILER RM UNIT HEATER         | 15/1   | 15/1   | OFFICE RECPT - EAST               | 28  |  |
| 29                   | OFFICE UNIT HEATER - WEST     | 15/1   | 15/1   | SPARE                             | 30  |  |
| 31                   | TOILET LIGHTS & FAN           | 15/1   | 15/1   | SPARE                             | 32  |  |
| 33                   | SPARE                         | 20/1   | 20/1   | SPARE                             | 34  |  |
| 35                   | SPARE                         | 20/1   | 20/1   | SPARE                             | 36  |  |
| 37                   | SPARE                         | 20/1   | 20/1   | SPARE                             | 38  |  |
| 39                   | SPARE                         | 20/1   | 20/1   | SPARE                             | 40  |  |
| 41<br>NOTES:         | SPARE                         | 20/1   | 20/1   | SPARE                             | 42  |  |

- FILL UNUSED SPACES WITH SPARE 20/1 CIRCUIT BREAKERS.
   ALL CIRCUITS ARE EXISTING UNLESS NOTED WITH ASTERISKS (\*\*), RECONNECT ALL EXISTING CIRCUITS TO THE REPLACEMENT "LP1" PANEL.

| 1/0    | DESCRIPTION   | Di       | DO    | AI   | AO       | OTHER  | DEVICE         | NOTES        |
|--------|---|----------|-------|------|----------|--------|----------------|--------------|
|        |   |          |       | , Ai | AU       | OTTLEN |                | NOTE         |
| 1      | MOTORIZED BUTTERFLY VALVE POS. CMD                  |          |       | 1    | •        | 2)     | VA1            | 25           |
| 2      | MOTORIZED BUTTERFLY VALVE POS. FDBK                 | 1 -      | 4     | •    | 8        | 1      | . VA1          |              |
|        | FLOOD ALARM   |          | _     |      |          |        | FS1            |              |
| 4      | LOW TEMP ALARM                                      |          |       |      | E;       | X1 :   | TS1            | E.C.         |
|        | HIGH TEMP ALARM                                     |          |       |      | 27       |        | TS2            |              |
| 6      | GENERATOR RUNNING                                   | . "      | 2     |      | 51       | 50 1   | GENSET         | 2            |
| 7      | GENERATOR ALARM                                     |          | 2     |      | 72       | e: :   |                | .8           |
| 8      | GENERATOR E-STOP LOCKOUT<br>GENERATOR TANK OVERFLOW |          | i.    |      | *:       | ×: :   | GENSET         | 0            |
|        | GENERATOR TANK LEAK                                 | ~ ~      | 4     |      | 27       | ¥:     | GENSET         | R            |
| 11     | GENERATOR TANK LOW LEVEL                            | ~ ~      | 2     |      | 170      | 8 :    | GENSET         | s            |
|        | GENERATOR TANK LEVEL                                |          | -     |      |          |        | GENSET         |              |
|        | GENERATOR ENCLOSURE DOOR OPEN                       |          | 30    | •    | *:       | £.     | GENSET         | 0.           |
|        | SERVICE PUMP NO.1 REQUIRED                          | a 🛎      |       |      | ş        | 0      | P1 VFD         | -            |
| 15     | SERVICE PUMP NO.1 RUNNING                           |          | •     |      |          |        | P1 VFD         |              |
|        | SERVICE PUMP NO.1 MOTOR OVER-TEMP                   |          | 207   |      | **       | 5      | P1 VFD         | 5            |
| 17     | SERVICE PUMP NO.1 VFD FAIL                          |          | 60    |      | 2.       | ¥1 - 1 | P1 VFD         | £6           |
| 18     | SERVICE PUMP NO.1 IN AUTO                           |          | (2)   |      | 4        | 4      | P1 VFD         | 20           |
|        | SERVICE PUMP NO.1 SPEED COMMAND                     | 77. T    | 8     |      |          | ē.     | P1 VFD         | 7/           |
| 20     |   | (2)      | 9     |      |          |        | E-NET          | *            |
| 21     | SERVICE PUMP NO.2 REQUIRED                          | 540      |       |      |          |        | P2 VFD         | 65           |
|        | SERVICE PUMP NO.2 RUNNING                           |          | 10.20 |      | 2        |        | P2 VFD         | 10           |
| 127.20 | SERVICE PUMP NO.2 MOTOR OVER-TEMP                   |          | -     |      | 150      |        | P2 VFD         | *-           |
| 24     | SERVICE PUMP NO.2 VFD FAIL                          |          | 6     |      | *        | *      | P2 VFD         | *2           |
| 25     | SERVICE PUMP NO.2 IN AUTO                           |          | ř.    | ľ    | *        | € .    | P2 VFD         | **           |
| 26     | SERVICE PUMP NO.2 SPEED COMMAND                     | 72.00    | -     |      |          | Δ :    | P2 VFD         | 24           |
| 27     | SERVICE PUMP NO.2 COMMUNICATIONS                    | 5.50     | 1.5   |      |          |        | E-NET          | 51           |
| 28     | SERVICE PUMP NO.4 REQUIRED                          | 59       |       | İ    | *        |        | P4 VFD         | 0            |
| 29     | SERVICE PUMP NO.4 RUNNING                           |          | -     | İ    | *        |        | P4 VFD         |              |
| 30     | SERVICE PUMP NO.4 MOTOR OVER-TEMP                   |          |       |      | ~        |        | P4 VFD         |              |
| 31     | SERVICE PUMP NO.4 VFD FAIL                          |          |       |      |          |        | P4 VFD         |              |
| 32     | SERVICE PUMP NO 4 IN AUTO                           |          | *0    |      | 796      | 30     | P4 VFD         | <b>*</b> 7   |
| 33     | SERVICE PUMP NO 4 SPEED COMMAND                     | F 8      |       |      |          |        | P4 VFD         | ν.           |
| 34     | SERVICE PUMP NO.4 COMMUNICATIONS                    |          |       |      |          |        | E-NET          |              |
| 35     | SERVICE PUMP NO.5 REQUIRED                          | 8        |       | 1    | *        | *      | P5 VFD         | *            |
| 36     | SERVICE PUMP NO.5 RUNNING                           |          | *:    |      |          | 0.     | P5 VFD         |              |
| 37     | SERVICE PUMP NO.5 MOTOR OVER-TEMP                   |          |       | l    | ~        |        | P5 VFD         |              |
| 38     | SERVICE PUMP NO.5 VFD FAIL                          |          |       | I    | -        |        | P5 VFD         | -            |
| 39     | SERVICE PUMP NO.5 IN AUTO                           | •        | *     | İ    | 8        |        | P5 VFD         |              |
| 40     | SERVICE PUMP NO.5 SPEED COMMAND                     | 10       | 2     |      |          | 10     | P5 VFD         | -            |
| 41     | SERVICE PUMP NO.5 COMMUNICATIONS                    | •        |       |      |          | •      | E-NET          |              |
| 42     | SMOKE DETECTOR                                      |          | 8     |      | 03       |        | S1             |              |
| 43     | GLASS BREAK DET CL/WEST & EAST RMS                  |          |       |      |          |        | GBD1           |              |
| 44     | DOOR SWITCH E. PUMP RM EAST DOOR                    |          |       | 1    | 10       | 7.A    | DS1            |              |
| 45     | DOOR SWITCH E. PUMP RM SOUTH DOOR                   |          |       |      | 0        | 2      | DS2            | 2            |
| 46     | DOOR SWITCH W. PUMP RM SOUTH DOOR                   | •        | 8     |      | .00      |        | DS3            | 8            |
| 47     | DOOR SWITCH W. PUMP RM NORTH DOOR                   |          | 2     |      |          |        | DS4            |              |
| 48     | DOOR SWITCH OFFICE DOOR                             |          |       |      | 8        |        | DS5            |              |
| 49     | DOOR SWITCH OFFICE DOOR                             |          |       |      |          |        | DS6            |              |
| 50     | DOOR SWITCH CHLORINE DOOR (EX.)                     | . •      |       |      |          |        | DS7            |              |
| 51     | DISCHARGE FLOW RATE                                 | 50       | 8     | •    | 10       |        | FM1            |              |
| 52     | DISCHARGE FLOW TOTAL                                |          | 0     |      | s .      | 2      | FM1            |              |
| 53     | POWER MONITOR                                       | _        |       |      | 8        |        | PM             | 1            |
| 54     | TVSS FAIL   |          |       |      |          |        | TVSS           |              |
| 55     | RESERVOIR / TANK LEVEL                              | · ·      | · · · | 9    | 60       | 14     | LT1            | 9            |
| 56     | SUPPLY PRESSURE                                     |          | 2     |      | -        |        | PT1            | 2            |
| 57     | MILWAUKEE FLOW RATE NO.1                            |          |       |      |          |        | FT2            |              |
| 58     | MILWAUKEE FLOW RATE NO.2                            |          |       |      |          |        | FT3            |              |
| 59     | DISCHARGE PRESSURE                                  | er<br>Vi |       | 9    | ee<br>34 | iv i   | PT2            | 3            |
| 60     | WATER TEMPERATURE                                   |          |       |      | 100      |        | TT1            |              |
| 61     | CHLORINE RESIDUAL                                   |          |       |      |          |        | CRA1           |              |
| 62     | MINIMUM SPARE DIGITAL INPUTS                        | 4        | Q D   |      | ul-      |        | APPENDING TALL | and the said |
| 1500   | MINIMUM SPARE DIGITAL OUTPUTS                       |          | 1     |      |          |        |                |              |
| 64     | MINIMUM SPARE ANALOG INPUTS                         | 6        |       | 1    | 65       | er :   | E0             | 8            |
| 65     | MINIMUM SPARE ANALOG OUTPUTS                        |          | .00   |      | 1        |        | ~              | ***          |

ALL AI AND AO ARE 4-20MA UNLESS OTHERWISE NOTED.
ALL DI AND DO ARE 24VDC UNLESS OTHERWISE NOTED.
MONITOR POWER MONITOR VIA ETHERNET/IP (EACH PHASE AMPS AND L-L & L-N VOLTAGE)

BID

DESIGNED BY: BWG DRAFTED BY: SHG CHECKED BY: PRK DATE: NOVEMBER, 2021

BLANCHARD STREET PUMPING STATION MODIFICATIONS

ELECTRICAL SCHEDULES CITY OF WAUWATOSA AUKEE COUNTY, WISCO

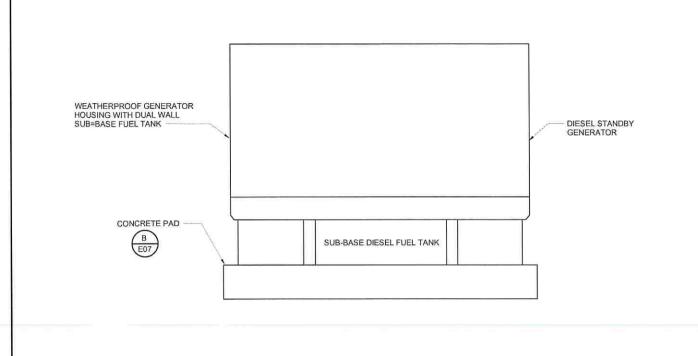
FILE NO. 8082-10006

RUEKERT & MIELKE INC

|| Ruekert | Mielke

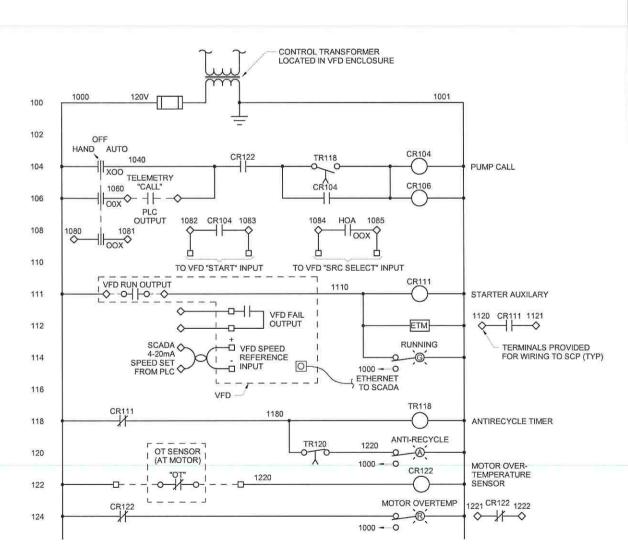
19 SHEET NO.

E06

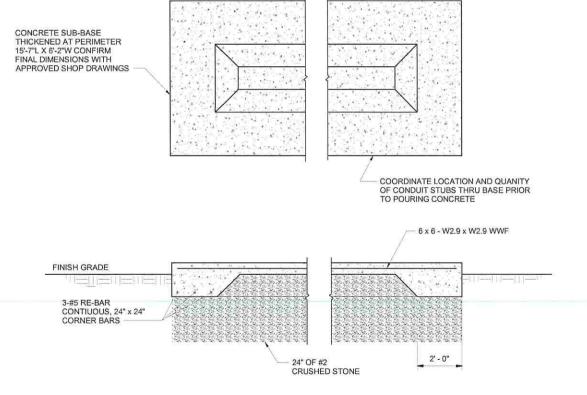


#### GENERAL NOTES:

- INSTALL EQUIPMENT PER MFR RECOMMENDATIONS. REFER TO APPROVED EQUIPMENT SUBMITTALS FOR FINAL DIMENSIONS AND LAYOUT.
- ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH LOCAL, MUNICIPAL, STATE & FEDERAL REQUIREMENTS & REGULATIONS.
- SEE SPECIFICATIONS AND OTHER DRAWINGS FOR ADDITIONAL INFORMATION AND REQUIREMENTS.
- WIRING DIAGRAM(S) DEPICT ENGINEER'S INTENT.
   MANUFACTURER TO SUBMIT CONTROL DRAWINGS FOR
   ENGINEER REVIEW AND APPROVAL.







B GENERATOR CONCRETE BASE SLAB EOT NTS

TYPICAL SERVICE PUMP WIRING DIAGRAM



DRAFTED BY: SHG
GHECKED BY: PRK
DATE: NOVEMBER, 2021
FILE NO.
8082-10006
DRAWING NO.
20
SHEET NO.
E07

- M M 4 M 0 V

· Martin For Yallery

Successiva + Kerroschi Global Water Center

GENERATOR DETAILS AND WIRING DIAGRAM

RUEKERT & MIELKE INC.

DESIGNED BY: BWG

CITY OF WAUWATOSA MILWAUKEE COUNTY, WISCONSIN

Ruekert · Mielke

| CONSENT OF OWNER SURETY COMPANY ARCHIT TO FINAL PAYMENT CONTRA AIA DOCUMENT G707 SURETY  | ACTOR  |                 |
|--|--|-----------------|
| OTHER  | Bond # ODWING  | 66B             |
| PROJECT:<br>(name, address)<br>Blanchard Street Pumping Station Mo   | odifications - Project 21-55                                 |                 |
| TO (Owner) City of Wauwatosa 11100 W Walnut Rd   | ARCHITECT'S PROJECT NO CONTRACT FOR: General Co              | onstruction     |
| Wauwatosa, WI 53213  | CONTRACT DATE: 5/04/202<br>AL & MECHANICAL CONTRACTORS, INC. | 2               |
| (here insert name and address of Surety Company) Granite Re, Inc. 14001 Quailbrook Drive Oklahoma City, OK 73134 on bond of (here insert name and address of cormidwest general & Mechanical Content P.O. Box 305 Highland, WI 53543 hereby approves of the final payment of | ntractor)  | CONTRACTOR,     |
| City of Wauwatosa 11100 W Walnut Rd Wauwatosa, WI 53213 as set forth in the said Surety Company  |  | ,OWNER,         |
| IN WITNESS WHEROF, The Surety Company has hereunto set   | its hand this 14th day of January                            | 2025            |
| 2  | Granite Re, Inc.   |                 |
|  | Surety Company Camb Inth                                     |                 |
| Attest Milliphine Witness  | Signature of Authorized Representative                       |                 |
| (seal): Kaleigh Sansone  | Title Connie Smith   | ttorney-in-Fact |

NOTE: This form is to be used as a companion document to AIA DOCUMENT G706, CONTRACTOR'S AFFIDAVIT OF PAYMENT OF DEBT AND CLAIMS, Current Edition

# GRANITE RE, INC. GENERAL POWER OF ATTORNEY

#### Know all Men by these Presents:

That GRANITE RE, INC., a corporation organized and existing under the laws of the State of MINNESOTA and having its principal office at the City of OKLAHOMA CITY in the State of OKLAHOMA does hereby constitute and appoint:

MICHAEL J. DOUGLAS; CHRIS STEINAGEL; CHRISTOPHER M. KEMP; KARLA HEFFRON; SAMUEL DUCHOW; ROBERT DOWNEY; JULIA DOUGLAS; CONNIE SMITH; KORY MORTEL; ELIOT MOTU its true and lawful Attorney-in-Fact(s) for the following purposes, to wit:

To sign its name as surety to, and to execute, seal and acknowledge any and all bonds, and to respectively do and perform any and all acts and things set forth in the resolution of the Board of Directors of the said GRANITE RE, INC. a certified copy of which is hereto annexed and made a part of this Power of Attorney; and the said GRANITE RE, INC. through us, its Board of Directors, hereby ratifies and confirms all and whatsoever the said:

MICHAEL J. DOUGLAS; CHRIS STEINAGEL; CHRISTOPHER M. KEMP; KARLA HEFFRON; SAMUEL DUCHOW; ROBERT DOWNEY; JULIA DOUGLAS; CONNIE SMITH; KORY MORTEL; ELIOT MOTU may lawfully do in the premises by virtue of these presents.

In Witness Whereof, the said GRANITE RE, INC. has caused this instrument to be sealed with its corporate seal, duly attested by the signatures of its President and Assistant Secretary, this 31st day of July, 2023.

STATE OF OKLAHOMA

SS:

COUNTY OF OKLAHOMA )

Kenneth D. Whittington, President

hy proon

Kyle P. McDonald, Assistant Secretary

On this 31st day of July, 2023, before me personally came Kenneth D. Whittington, President of the GRANITE RE, INC. Company and Kyle P. McDonald, Assistant Secretary of said Company, with both of whom I am personally acquainted, who being by me severally duly sworn, said, that they, the said Kenneth D. Whittington and Kyle P. McDonald were respectively the President and the Assistant Secretary of GRANITE RE, INC., the corporation described in and which executed the foregoing Power of Attorney; that they each knew the seal of said corporation; that the seal affixed to said Power of Attorney was such corporate seal, that it was so fixed by order of the Board of Directors of said corporation, and that they signed their name thereto by like order as President and Assistant Secretary, respectively, of the Company.

My Commission Expires: April 21, 2027 Commission #: 11003620



Rethany & albed Notary Public

#### GRANITE RE, INC.

Certificate

THE UNDERSIGNED, being the duly elected and acting Assistant Secretary of Granite Re, Inc., a Minnesota Corporation, HEREBY CERTIFIES that the following resolution is a true and correct excerpt from the July 15, 1987, minutes of the meeting of the Board of Directors of Granite Re, Inc. and that said Power of Attorney has not been revoked and is now in full force and effect.

"RESOLVED, that the President, any Vice President, the Assistant Secretary, and any Assistant Vice President shall each have authority to appoint individuals as attorneys-in-fact or under other appropriate titles with authority to execute on behalf of the company fidelity and surety bonds and other documents of similar character issued by the Company in the course of its business. On any instrument making or evidencing such appointment, the signatures may be affixed by facsimile. On any instrument conferring such authority or on any bond or undertaking of the Company, the seal, or a facsimile thereof, may be impressed or affixed or in any other manner reproduced; provided, however, that the seal shall not be necessary to the validity of any such instrument or undertaking."

IN WITNESS WHEREOF, the undersigned has subscribed this Certificate and affixed the corporate seal of the Corporation this

14 day of January, 2025.

Kf mon

Kyle P. McDonald, Assistant Secretary

### List ofc Subcontractors and Suppliers

Brewer Metal supplier 920-885-2828

SJI supplier 781-963-0090

Plant & Flanged Equipment Co. Supplier 763-792-3870

Miller Electric Subcontractor 262-284-2646

Dorner Co. Supplier 262-932-2100

Energenics 262-235-4914

811 Barnard St./P.O. Box 305, Highland, WI 53543

(608) 943-8541

### FINAL WAIVER OF LIEN Date: 02/10/2025

STATE OF WISCONSIN

FOR VALUE RECEIVED, we hereby waive any lien or claim for lien on land and buildings about to be erected, being erected, altered, or repaired and to the appurtenances thereunto,

| FOR:                    | City of Wauwatosa   | Owner        |
|-------------------------|---|--------------|
| By:                     | Midwest General and Mechanical Contractors, Inc.                          | Contractor   |
| for all lab<br>machiner | or and services performed and for all materials, fixtures, a y furnished. | pparatus, or |

\*\* PAID IN FULL\*\*

MIKE BALSEWICZ CONTROLLER

Dorner Co.

811 Barnard St./P.O. Box 305, Highland, WI 53543

(608) 943-8541

### FINAL WAIVER OF LIEN Date: 02/10/2025

STATE OF WISCONSIN

Contractor

FOR VALUE RECEIVED, we hereby waive any lien or claim for lien on land and buildings about to be erected, being erected, altered, or repaired and to the appurtenances thereunto,

FOR: City of Wauwatosa Owner

for all labor and services performed and for all materials, fixtures, apparatus, or machinery furnished.

Midwest General and Mechanical Contractors, Inc.

By:

\*\* PAID IN FULL\*\*

Plant & Flanged Equipment

Signature

Print Name & Title

811 Barnard St./P.O. Box 305, Highland, WI 53543

(608) 943-8541

### FINAL WAIVER OF LIEN Date: 02/10/2025

STATE OF WISCONSIN

FOR VALUE RECEIVED, we hereby waive any lien or claim for lien on land and buildings about to be erected, being erected, altered, or repaired and to the appurtenances thereunto,

By: Midwest General and Mechanical Contractors, Inc. Contractor for all labor and services performed and for all materials, fixtures, apparatus, or machinery furnished.

\*\* PAID IN FULL\*\*

Print Name & Title

811 Barnard St./P.O. Box 305, Highland, WI 53543

(608) 943-8541

### FINAL WAIVER OF LIEN Date: 02/10/2025

STATE OF WISCONSIN

FOR VALUE RECEIVED, we hereby waive any lien or claim for lien on land and buildings about to be erected, being erected, altered, or repaired and to the appurtenances thereunto,

FOR: City of Wanwatosa

| FOR: C                          | City of Wauwatosa   | Owner   |
|---------------------------------|---|---|
|                                 |   |   |
|                                 |   |   |
| By:                             | Midwest General and Mechanical Contractors, Inc.                  | Contractor  |
|                                 |   |   |
| for all labor a<br>machinery fu | and services performed and for all materials, fixtures, arnished. | apparatus, or   |
|                                 |   |   |
|                                 | ** PAID IN FULL**   |   |
|                                 |   |   |
|                                 |   |   |
|                                 | Breuer Me   | etal Craftsmen, Inc   |
|                                 | Natalie   | Digitally signed by Natalle Breuer DN: C-US, Elecorec@breuermetal.com, D-Grover Metal Crafterine, (Chi-Natalle Breuer Date: 202.02.12 12-12:57-08'00' |
|                                 |   | Signature   |
|                                 |   |   |
|                                 | Natalie   | Breuer, Accounting  |
|                                 |   | Print Name & Title  |

PLEASE RETURN Lien Waiver to: zandertaxstaff@gmail.com

811 Barnard St./P.O. Box 305, Highland, WI 53543

(608) 943-8541

### FINAL WAIVER OF LIEN Date: 02/10/2025

STATE OF WISCONSIN

| FOR VALUE RECEIVED, we hereby waive any lien or claim for lien on land            |
|---|
| and buildings about to be erected, being erected, altered, or repaired and to the |
| appurtenances thereunto,  |

| FOR: | City of Wauwatosa                                       | Owner                             |
|------|---|-----------------------------------|
| By:  | Midwest General and Mechanical C                        | ontractors, Inc. Contractor       |
|      | bor and services performed and for all marry furnished. | aterials, fixtures, apparatus, or |

\*\* PAID IN FULL\*\*

Signature

Mika Pierce Accounting Assistant

Print Name & Title

Energenics

811 Barnard St./P.O. Box 305, Highland, WI 53543

(608) 943-8541

# FINAL WAIVER OF LIEN Date: 02/10/2025

STATE OF WISCONSIN

<u>FOR VALUE RECEIVED</u>, we hereby waive any lien or claim for lien on land and buildings about to be erected, being erected, altered, or repaired and to the appurtenances thereunto,

| FOR: | City of Wauwatosa   | Owner              |
|------|---|--------------------|
|      |   |                    |
| By:  | Midwest General and Mechanical Contractors, Inc.                          | Contractor         |
|      | or and services performed and for all materials, fixtures, are furnished. | paratus, or        |
|      | ** PAID IN FULL**   |                    |
|      | L J Mil   | ller Electric      |
|      | ا مانا  | Signature          |
|      |   | Print Name & Title |

#### Chuck Zwolanek

### MIDWEST GENERAL AND MECHANICAL CONTRACTORS, INC.

811 Barnard St./P.O. Box 305, Highland, WI 53543

(608) 943-8541

# FINAL WAIVER OF LIEN Date: 02/10/2025

STATE OF WISCONSIN

<u>FOR VALUE RECEIVED</u>, we hereby waive any lien or claim for lien on land and buildings about to be erected, being erected, altered, or repaired and to the appurtenances thereunto,

| FOR:                       | City of Wauwatosa   | Owner                                  |
|----------------------------|---|--|
|                            |   |  |
| <u>By:</u>                 | Midwest General and Mechanical Contractors, Inc.  | Contractor                             |
| for all labor<br>machinery | and services performed and for all materials, fixtures, appartments, apparently and services performed and for all materials, fixtures, apparently and services performed and for all materials, fixtures, apparently and services performed and for all materials, fixtures, apparently and services performed and for all materials, fixtures, apparently and services performed and for all materials, fixtures, apparently and services performed and for all materials, fixtures, apparently and services performed and for all materials, fixtures, apparently and services performed and services are services and services are services and services are services and services are services and services are services and services are services and services are services and services are services and services are services and services are services and services are services and services are services and services are services and services are services and services are services are services and services are services and services are services are services and services are services are services and services are services are services and services are services are services and services are services are services are services are services and services are services are services are services are services. | aratus, or                             |
|                            | ** PAID IN FULL**   |  |
|                            |   |  |
|                            | Midwest General and Mechanica   | l Contractors, Inc                     |
|                            | Sign  | nature mal no                          |
|                            |   |  |
|                            | CLAR/es Prin  | Zwolane K<br>nt Name & Title President |
|                            |   |  |

### WAIVER OF LIEN

Wauwatosa, Wisconsin

Date: 2/13/25

FOR VALUE RECEIVED, the undersigned hereby waives all rights and claims for lien given by Chapter 779 of the Statutes, or otherwise, arising out of or under Contract Number 21-55 with the City of Wauwatosa for Blanchard Street Pumping Station Modifications, and the undersigned hereby acknowledges payment in full of all monies due under the above-described contract and hereby fully and finally releases and holds the City of Wauwatosa harmless from all claims, demands, causes of actions, damages, or liabilities of whatsoever kind arising from said contract.

Midwest beneral Mechanical
(Contractor) CONTRACTORS

(President)

(Secretary)

(Corporate Seal)



# CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY) 5/29/2024

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on

| this certificate does not confer rights to the certificate holder in lieu of  | such endorsement(s).                            |                         |              |  |  |  |
|---|---|-------------------------|--------------|--|--|--|
| PRODUCER  | CONTACT Stephanie Needham, CIC, CISR            |                         |              |  |  |  |
| TRICOR, LLC - Lancaster<br>PO Box 450   | PHONE<br>(A/C, No, Ext): (608) 473-1120 1105    | FAX<br>(A/C, No): (608) | 723-6440     |  |  |  |
| Lancaster, WI 53813   | E-MAIL<br>ADDRESS: sneedham@tricorinsurance.com | 1                       |              |  |  |  |
|   | INSURER(S) AFFORDING COVERAGE                   |                         |              |  |  |  |
|   | INSURER A : United Fire & Casualty Company      |                         |              |  |  |  |
| INSURED   | INSURER B:                                      |                         |              |  |  |  |
| Midwest General & Mechanical Contractors Inc  | INSURER C:                                      |                         |              |  |  |  |
| 765 Bowers Rd<br>Highland, WI 53543   | INSURER D :                                     |                         |              |  |  |  |
| riiginaliu, vvi 33343   | INSURER E :                                     |                         |              |  |  |  |
|   | INSURER F:                                      |                         |              |  |  |  |
| COVERAGES CERTIFICATE NUMBER:   | REVISION NU                                     | MBER:                   |              |  |  |  |
| THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELO INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDIT CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORM OF SHOULD AND CONDITIONS OF SHOULD BE INSURANCE AFFORM. | W HAVE BEEN ISSUED TO THE INSURED NAMED ABO     | OVE FOR THE PO          | MARILOUT THE |  |  |  |

CLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID OF AIMS

| NSR<br>LTR |                     | TYPE OF INSURANCE   | ADDL | SUBR<br>WVD POLI | CY NUMBER POLICY EFF | POLICY EXP<br>(MM/DD/YYYY) | LIMIT   | e                                    |
|------------|---------------------|---|------|------------------|----------------------|----------------------------|---|--------------------------------------|
| Α          | X                   | COMMERCIAL GENERAL LIABILITY  CLAIMS-MADE X OCCUR   | X    | 60323731         | 5/26/2024            | 5/26/2025                  | EACH OCCURRENCE DAMAGE TO RENTED PREMISES (Ea occurrence) MED EXP (Any one person)  | \$ 1,000,00<br>\$ 100,00<br>\$ 10,00 |
|            | GEN                 | V'L AGGREGATE LIMIT APPLIES PER: POLICY X PRO- X LOC  |      |                  | 7                    |                            | PERSONAL & ADV INJURY GENERAL AGGREGATE   | s 1,000,00<br>s 2,000,00             |
|            |                     | OTHER:  |      |                  |                      |                            | PRODUCTS - COMP/OP AGG  | \$ 2,000,00                          |
| Α          | X                   | ANY AUTO OWNED AUTOS ONLY HIRED AUTOS ONLY AUTOS ONLY AUTOS ONLY AUTOS ONLY AUTOS ONLY  |      | 60323731         | 5/26/2024            | 5/26/2025                  | COMBINED SINGLE LIMIT<br>(Ea accident)<br>BODILY INJURY (Per person)<br>BODILY INJURY (Per accident)<br>PROPERTY DAMAGE<br>(Per accident) | \$ 1,000,00<br>\$<br>\$<br>\$        |
| Α          | X                   | UMBRELLA LIAB X OCCUR EXCESS LIAB CLAIMS-MADI   |      | 60323731         | 5/26/2024            | 5/26/2025                  | EACH OCCURRENCE AGGREGATE   | \$ 6,000,000<br>\$ 6,000,000         |
|            | ANY<br>OFFI<br>(Man | REAL COMPENSATION EMPLOYERS' LIABILITY PROPRIETOR/PARTNER/EXECUTIVE (CER/MEMBER EXCLUDED? (adatory in NH) (c. describe under CRIPTION OF OPERATIONS below | N/A  | 60323731         | 5/26/2024            | 5/26/2025                  | PER STATUTE ER OTH- E.L. EACH ACCIDENT E.L. DISEASE - EA EMPLOYEE   | 4 000 00                             |
|            |                     | Iders Risk  |      | 46314115         | 5/26/2024            | 5/26/2025                  | \$1,000 ded   | 1,000,00                             |

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required) City of Wauwatosa and Ruekert & Mielke Inc are an additional insured on the general liability.

| CERTIFICATE HOLDER   | CANCELLATION   |
|--|--|
| City of Wauwatosa<br>7725 W North Ave<br>Wauwatosa, WI 53213 | SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS. |
| ,  | AUTHORIZED REPRESENTATIVE  |
|  | Stephanie Needham  |
| ACOPD 25 (2016/02)   |  |

Contractor's Application for Payment No. 7-FINAL

|                                  |                          |                           |  | Oviitiacioi 3 A                    | ppiiodeloli ioi            | i uyinicine ito:                                   |
|----------------------------------|--------------------------|---------------------------|--|------------------------------------|----------------------------|--|
|                                  |                          |                           | Application D                                      | ate: 12/12/2024                    | Application Period:        | 2/10/2025  |
| To (Owner):<br>City of Wauwatosa |                          | From (Contract<br>Midwest | tor):<br>et General & Mechanical Contractors, inc. | Via (Engineer):                    | Ruekert & Mielke, Inc.     |  |
| Contact:                         | Adam Florin              |                           | Contact:   | Chuck Zwolanek                     | Contact:                   | Christopher L. Epstein, P.E.                       |
| Project:                         | Blanchard Street Pumping | Station Modifications     | Address:   | P.O. Box 305<br>Highland, WI 53543 | Address:                   | W233 N2080 Ridgeview Parkway<br>Waukesha, WI 53188 |
| Owner's Co                       | ontract No.:             | 21-55                     | Contractor's F                                     | Project No.:                       | Engineer's Project<br>No.: | 8082-10006,320                                     |

**Change Order Summary** 

|                        | Change Crue Su | ninary                                | _   |
|------------------------|----------------|---------------------------------------|---|
| Approved Change Orders |                |                                       | 1. ORIGINAL CONTRACT PRICE\$ 1,215,655.00                                 |
| Number                 | Additions      | Deductions (Enter as Positive Number) | 2. Net change by Change Orders\$ 55,325.00                                |
| CO 1                   | \$21,700.00    |                                       | 3. CURRENT CONTRACT PRICE (Line 1 + Line 2)\$ 1,270,980.00                |
| CO 2                   | \$38,365.00    |                                       | 4. YOTAL COMPLETED TO DATE  |
| CO 3                   |                | \$4,740.00                            | (Column F Total on Progress Estimates)                                    |
|                        |                |                                       | 5. RETAINAGE:   |
|                        |                |                                       | 5% XWork Completed  |
|                        |                |                                       | 6. RETAINAGE REDUCTION TO DATE (Enter as Positive Number)                 |
|                        |                |                                       | 7. AMOUNT ELIGIBLE TO DATE (Line 4 - Line 5 + Line 6) \$ 1,270,980.00     |
|                        |                |                                       | 8. LESS PREVIOUS PAYMENTS (Line 7 from Prior Application) \$ 1,189,689.75 |
| TOTALS                 | \$60,065.00    | \$4,740.00                            | 9. AMOUNT DUE THIS APPLICATION (Line 7 - Line 8)                          |
| NET CHANGE BY          |                | \$55,325.00                           | 10. BALANCE TO FINISH, PLUS RETAINAGE                                     |
| CHANGE ORDERS          |                | \$55,323.00                           | (Column H Total on Progress Estimates + Line 5 - Line 6)                  |
|                        |                |                                       |   |

| Contractor's Certifica | ation |
|------------------------|-------|
|------------------------|-------|

The undersigned Contractor certifies that to the best of its knowledge:

- (1) all previous progress payments received from Owner on account of Work done under the Contract have been applied on account to discharge Contractor's legitimate obligations incurred in connection with Work covered by prior Applications for Payment;
- (2) title to all Work, materials and equipment incorporated in said Work or otherwise listed in or covered by this Application for Payment will pass to Owner per Article 15 of the General Conditions; and
- (3) all Work covered by this Application for Payment is in accordance with the Contract Documents and is not defective.

| Payment of:    | \$_  | \$81,290.25                              |                   |
|----------------|------|--|-------------------|
|                | -    | (Line 9 or other - attach explanation of | the other amount) |
| Recommended by | r: _ | Chu Epster                               | 3/28/2025         |
| ŀ              |      | (Engineer)                               | (Date)            |
| Payment of:    | \$_  | \$ 81,290.                               | 25                |
|                | _    | (Line 9 or other - attach explanation of | the other amount) |
| Approved by:   | _    | Adr Fli                                  | 4/1/25            |
|                |      | (Owner)                                  | (Date)            |

Adapted from EJCDC C-620 Contractor's Application for Payment © 2010 National Society of Professional Engineers for EJCDC. All rights reserved.

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| For (Project): Blanchard Street Pumping Station Modifications |  |     |                      |    |                               |      |             | Ар | plication Date:                       | 1                                    | 2/12/2024           |                              |  |
|---|--|-----|----------------------|----|-------------------------------|------|-------------|----|---------------------------------------|--------------------------------------|---------------------|------------------------------|--|
| Application Period:   | pplication Period: 2/10/2025                 |     |                      |    |                               |      |             |    |                                       | Engineer's Project No.: 8082-10006,3 |                     |                              |  |
| Α   | В  |     | С                    |    | D                             |      | E           |    | F                                     |                                      | G                   | Н                            |  |
|   |  |     |                      |    | Work Com                      | plet | ed to Date  | Г  |                                       |                                      |                     |                              |  |
| Specification Section No.                                     | Description                                  | Sch | eduled Value<br>(\$) |    | From Previous<br>Applications |      | This Period | То | tal Work Completed to<br>Date (D + E) |                                      | Complete<br>(F / C) | Balance to Finish<br>(C - F) |  |
| 1   | Mobilize                                     | \$  | 35,000.00            | 4  | 35,000.00                     | _    |             | \$ | 35,000.00                             | <u> </u>                             | 100.0%              | \$ -                         |  |
| 2   | Bond & Insurance                             | \$  | 40,000.00            | -  |                               | -    |             | \$ | 40,000.00                             |                                      | 100.0%              | \$ -                         |  |
| 3   | Allowances                                   | +   | 40,000.00            | \$ |                               | -    |             | \$ | 40,000,00                             | -                                    | 00.076              | \$ -                         |  |
| 4   | SCADA  | \$  | 75,000.00            | _  |                               | \$   | 18,750.00   | \$ | 75,000.00                             | 1                                    | 00.0%               | \$ -                         |  |
| 5   | Clearing & Grubbing                          | \$  | 28,000.00            | \$ |                               | \$   | 87.50       | \$ | 28,000.00                             |                                      | 00.0%               | \$ -                         |  |
| 6   | Selective Demolition:                        | +   | 20,000,00            | \$ |                               | -    | 0.100       | \$ | -                                     | -                                    | 00.0%               | \$ -                         |  |
| 7   | Concrete                                     | \$  | 10,000.00            | \$ | 10,000.00                     |      |             | \$ | 10,000.00                             | 1                                    | 00.0%               | \$ -                         |  |
| 8   | Pumps/Process Pipe/Valves                    | \$  | 20,000.00            | \$ |                               | _    |             | \$ | 20,000.00                             |                                      | 00.0%               | \$ -                         |  |
| 9   | Electrical                                   | \$  | 20,000.00            | \$ | 20,000.00                     |      |             | \$ | 20,000.00                             | 1                                    | 00.0%               | \$ -                         |  |
| 10  | Concrete                                     | \$  | 500.00               | \$ | 500.00                        |      |             | \$ | 500.00                                |                                      |                     |                              |  |
| 11  | Aluminum Fabrications Ships Ladder & Railing | \$  | 28,000.00            | \$ | 28,000.00                     |      |             | \$ | 28,000.00                             | 1                                    | 00.0%               | \$ -                         |  |
| 12  | Painting                                     | \$  | 30,000.00            | \$ | 25,500.00                     | \$   | 4,500.00    | \$ | 30,000.00                             | 1                                    | 00.0%               | \$ -                         |  |
| 13  | Electrical:                                  |     |                      | \$ | -                             |      |             | \$ | -                                     |                                      |                     | \$ -                         |  |
| 14  | MCC and all related items                    | \$  | 280,000.00           | \$ | 266,000.00                    | \$   | 14,000.00   | \$ | 280,000.00                            | 1                                    | 00.0%               | \$ -                         |  |
| 15  | Engine Generators                            | \$  | 160,000.00           | \$ | 160,000.00                    |      |             | \$ | 160,000.00                            | 1                                    | 00.0%               | \$ -                         |  |
| 16  | Process Piping                               | \$  | 133,155.00           | \$ | 133,155.00                    |      |             | \$ | 133,155.00                            | 1                                    | 00.0%               | \$ -                         |  |
| 17  | Magnetic Flow Meter included in Allowances   |     | N/A                  | \$ | -                             |      |             | \$ | -                                     |                                      |                     |                              |  |
| 18  | Split Case Pumps                             | \$  | 180,000.00           | \$ | 171,000.00                    | \$   | 9,000.00    | \$ | 180,000.00                            | 1                                    | 00.0%               | \$ -                         |  |
| 19  | Valves                                       | \$  | 170,000.00           | \$ | 170,000.00                    |      |             | \$ | 170,000.00                            | 1                                    | 00.0%               | \$ -                         |  |
| 20  | Nut & Bolt Set                               | \$  | 6,000.00             | \$ |                               | \$   | 6,000.00    | \$ | 6,000.00                              | 1                                    | 00.0%               | \$ -                         |  |
| C.O. #01  | Change Order #1                              | \$  | 21,700.00            | \$ |                               |      |             | \$ | 21,700.00                             | 1                                    | 00.0%               | \$ -                         |  |
| C.O. #02  | Change Order #2                              | \$  | 38,365.00            | \$ | 35,063.63                     | \$   | 3,301.37    | \$ | 38,365.00                             |                                      | 00.0%               |                              |  |
| C.O. #03  | Change Order #3                              | \$  | (4,740.00)           | _  | (4,740.00)                    |      |             | \$ | (4,740.00)                            | 11                                   | 00.0%               |                              |  |
|   | Totals                                       | \$  | 1,270,980.00         | \$ | 1,215,341.13                  | \$   | 55,638.87   | \$ | 1,270,980.00                          | 1                                    | 00.0%               | \$                           |  |