

**Aumsville, Oregon  
Wastewater Treatment Plant Improvements  
ADDENDUM NO. 3**

**OWNER:**      **The City of Aumsville, Oregon**

**TO:**            All Plan Holders

**FROM:**       Westech Engineering, Inc.

**DATE:**        **July 10, 2026**

This Addendum, plus attachments, is an integral part of the contract documents and shall be treated as such. Contractor shall acknowledge receipt of this addendum on the Bid Form.

Copies of the Addendum will be made available through the same on-line plan distribution system as outlined in the Invitation to Bid, and are available for downloading by all bidders. Notice to all parties who obtain bidding documents from the on-line plan distribution system will be via email (*based on the information provided by the bidder when the original bidding documents were downloaded*).

*Each prospective bidder shall be responsible for verifying the number of addendum issued 72 hours prior to bid opening. Failure by the prospective bidders to verify the number of Addendum issued, or failure of the Addendum to be delivered to or downloaded by prospective bidders in a timely manner, shall not be grounds for a bid protest.*

**BIDDING REQUIREMENTS**

1.     Invitation to Bid
  - a.     The bid date, time and location remain unchanged.
2.     Bidders Checklist
  - a.     Delete item #1 (Bidder Qualification Information) as modified by Addendum #1 entirely. The requirement to submit bidder qualifications is being removed from the bidding requirements.
3.     Instructions to Bidders
  - a.     Delete Article 3.01 entirely. Bidders do not need to submit qualification information with their Bid.
  - b.     Delete Article 3.02 entirely. Bidders do not need to submit qualification information with their Bid.
  - c.     Delete Article 3.03 entirely. Bidders do not need to submit qualification information with their Bid.
4.     Bid Form
  - a.     Delete Article 2.01.D entirely. Bidders do not need to submit qualification information with their Bid.

**CONTRACT FORMS**

No Change.

## CONDITIONS OF THE CONTRACT

No Change.

## SPECIFICATIONS

5. Section 02140, Control of Water. Add section 02140, Control of Water as attached hereto.
6. Section 03200, Concrete Reinforcement.
  - a. Add the following paragraph under subsection 1.1.
    - “b. See the structural general notes on the drawings for additional reinforcement materials and installation requirements.”
7. Section 03300, Cast in Place Concrete.
  - a. Add the following paragraph under subsection 1.1.
    - “b. See the structural general notes on the drawings for additional concrete materials and installation requirements.”
8. Section 04200, Concrete Masonry Units.
  - a. Add the following paragraph under subsection 1.1.
    - “c. See the structural general notes on the drawings for additional masonry materials and installation requirements.”
9. Section 05500, Metal Fabrications.
  - a. Add the following paragraph under subsection 1.1.
    - “b. See the structural general notes on the drawings for additional metal materials and installation requirements.”
10. Section 06200, Framing and Finish Carpentry.
  - a. Add the following paragraph under subsection 1.1.
    - “b. See the structural general notes on the drawings for additional framing and carpentry materials and installation requirements.”
11. Section 09900, Painting & Coatings.
  - a. Section 4.1. Delete the Schedule of Coatings and replace with the following Schedule of Coatings. The specifications for the exposed metal piping in non-immersion service has been revised and specifications for exposed metal piping subject to immersion have been added.

| SCHEDULE OF COATINGS                                                                                                                                 |                                                                                                  |                                                                     |                                                                                 |                              |
|------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|---------------------------------------------------------------------------------|------------------------------|
| Location                                                                                                                                             | Coating                                                                                          | Generic Type                                                        | Minimum Dry Film Thickness, each coat                                           | Number of Coats <sup>1</sup> |
| -Headworks, SBR, and Equalization Basin Concrete Surfaces                                                                                            | No coating required                                                                              |                                                                     |                                                                                 |                              |
| -Exterior Masonry Block, All Surfaces (clear sealant), including exposed portion of foundation to 4" below grade<br>**Mockup coating required first. | <u>Prime &amp; Finish Coat.</u><br>GE 3101 Optic Clear Translucent Silicone Coating              | High solids, silicone elastomeric, waterproof anti-graffiti coating | 7 mils wet, 5 mils dry                                                          | 2                            |
| Interior Smooth Face Masonry Block <sup>1</sup>                                                                                                      | <u>Primer</u><br>Sherwin Williams<br>Primer/Block Filler: Loxon Acrylic Block Surfacer LX01W0200 | 100% Acrylic Resin                                                  | 50-100 sq ft/gal<br>Spray & Backroll<br>(as req'd to fill all voids & pinholes) | 2                            |
|                                                                                                                                                      | <u>Finish Coat</u><br>Sherwin Williams<br>Macropoxy 646 FC Epoxy                                 | Epoxy Polyamine                                                     | 4.0-8.0 mils dft/ct                                                             | 2                            |
| Exterior Hardy Plank Siding & HardiTrim                                                                                                              | <u>Primer</u><br>Sherwin Williams<br>Loxon Concrete and Masonry Primer-Sealer LX02W0050          | 100% Acrylic Resin<br>Efflorescence Resistant                       | 200 sq ft/gal/ct                                                                | 2                            |
|                                                                                                                                                      | <u>Finish Coat</u><br>Sherwin Williams<br>Duration Exterior Latex Satin Coating K33 Series       | Acrylic Permalast                                                   | 250-300 sq ft/gal                                                               | 2                            |
| Exterior Wood & Wood Trim                                                                                                                            | <u>Primer</u><br>Sherwin Williams<br>Extreme Block Stain Blocking Primer-Sealer B49W00600        | Alkyd                                                               | 350-400 sq ft/gal                                                               | 1                            |
|                                                                                                                                                      | <u>Finish Coat</u><br>Sherwin Williams<br>Duration Exterior Latex Satin Coating K33 Series       | Acrylic Permalast                                                   | 250-300 sq ft/gal                                                               | 2                            |
| Interior soffit panels, Plywood & Interior Trim                                                                                                      | <u>Primer</u><br>Sherwin Williams<br>ProBlock Interior Oil Based Primer B79W08810                | Alkyd                                                               | 350-400 sq ft/gal                                                               | 1                            |
|                                                                                                                                                      | <u>Finish Coat</u><br>Sherwin Williams<br>Pro Industrial DTM Acrylic Semi-Gloss B66-200 Series   | 100% Acrylic                                                        | 2.5-4.0 mils dft/ct                                                             | 2                            |
|                                                                                                                                                      | <u>Finish Coat</u><br>Sherwin Williams<br>ProMar 200 Sero VOC Interior Latex Semi-Gloss          | Latex                                                               | 350-400 sq ft/gal<br>1.6 mils dft                                               | 2                            |
| Hollow Metal Doors<br><br>Note: Factory Primer must be abraded prior to applying field prime coat.                                                   | <u>Primer: (Field Primer)</u><br>Sherwin Williams<br>Macropoxy 646 FC                            | Polyamide Epoxy                                                     | 4-6 mils                                                                        |                              |
|                                                                                                                                                      | <u>Finish Coat</u><br>Sherwin Williams<br>Acrolon 218 HS                                         | Modified Polyester Aliphatic Acrylic                                | 3-6 mils                                                                        | 1                            |
| All exposed metal, piping, valve bodies, pipe stands, pump discharge head, etc. not in contact with potable water. (Non-                             | <u>Primer</u><br>Sherwin Williams<br>Macropoxy 646FC                                             | Polyamide Epoxy                                                     | 4-6 mils                                                                        | 1                            |

| SCHEDULE OF COATINGS                                                                                                                                                                                                                                                                           |                                                                 |                                      |                                       |                              |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------|--------------------------------------|---------------------------------------|------------------------------|
| Location                                                                                                                                                                                                                                                                                       | Coating                                                         | Generic Type                         | Minimum Dry Film Thickness, each coat | Number of Coats <sup>1</sup> |
| immersion service, excluding galvanized, stainless steel or fusion bond epoxy coated).                                                                                                                                                                                                         | <u>Finish Coat</u><br>Sherwin Williams<br>Macropoxy 646FC       | Polyamide<br>Epoxy                   | 4-6 mils                              | 1                            |
| -Wastewater and Non-potable water submerged or intermittently submerged metal piping, valve bodies, pipe stands, etc. (immersion service, excluding galvanized, stainless steel or fusion bond epoxy coated)                                                                                   | <u>Primer</u><br>Sherwin Williams<br>DuraPlate UHS Epoxy Primer | Amine Cure<br>Epoxy                  | 4-8 mils                              | 1                            |
|                                                                                                                                                                                                                                                                                                | <u>Finish Coat</u><br>Sherwin Williams<br>DuraPlate UHS Epoxy   | Coal Tar Epoxy                       | 16-00 mils/coat                       | 1                            |
| Exterior exposed PVC piping                                                                                                                                                                                                                                                                    | <u>Primer</u><br>Tnemec Series 66 Hi-Build Epoxoline            | Polymide<br>Epoxy                    | 2-3 mils                              | 1                            |
|                                                                                                                                                                                                                                                                                                | <u>Finish Coat</u><br>Tnemec Series 73 Endura Shield            | Aliphatic<br>Acrylic<br>Polyurethane | 2-3 mils                              | 1                            |
| <sup>1</sup> Number of coats shown is the minimum required for each location and type of coating. Additional coats shall be provided at no cost to the Owner to address incomplete coverage, pinholes in paint covering ( <i>including but not limited to CMU block</i> ), bleed-through, etc. |                                                                 |                                      |                                       |                              |

12. Section 13100, Pre-engineered Post Frame Building.

- a. Paragraph 1.4.e. Delete this paragraph and replace with the following.

“e. Roof Slope: As shown on the Drawings.”

**APPENDIX**

No Change.

**DRAWINGS**

13. Drawing S001, (Structural General Notes).

- a. Delete this sheet entirely and replace with the revised drawing S001 attached hereto. The drawing has been revised to include additional requirements for mass concrete placement.

14. Drawing S010, (Typical Metal Details).

- a. Delete this sheet entirely and replace with the revised drawing S010 attached hereto. Detail 2/S010 has been revised. There were some incorrect reference to stainless steel grating supports that have been changed to aluminum. The intent of the plans is for all of the grating support members to be aluminum.

15. Drawing S242, (Storage Building Elevations).

- a. Add a general note to this drawing stating, “The storage building shall be furnished with gutters and downspouts as specified in Section 13100.” Gutters and downspouts are required for the storage building.

16. Drawing S243, (Storage Building Elevations & Sections).

- a. Delete this sheet entirely and replace with the revised drawing S243 attached hereto. The drawing has been revised to include design information for the roof slope.

17. Drawing M351, (Existing De-chlorination Building Modifications).
  - a. On the interior elevations change the demolition callout pointing at the existing unit heater from a “P” to an “R.” The existing unit heater shall be removed and replaced as shown on Drawing E350.
18. Drawing E212 (SBR Basin Lighting & Receptacle Plan)
  - a. Delete this sheet entirely and replace with the revised drawing E212 attached hereto. Revised light fixture tag from T2 to T4. Added WD1 tag to light fixture.
19. Drawing E300 (DAF Building One-Line Diagram)
  - a. Delete this sheet entirely and replace with the revised drawing E300 attached hereto. Revised breaker trip rating.
20. Drawing E301 (DAF MCC Elevation)
  - a. Delete this sheet entirely and replace with the revised drawing E301 attached hereto. Revised DAF MCC-3000 elevation to match Owner Furnished MCC.
21. Drawing E302 (DAF Power Conduit Schedule)
  - a. Delete this sheet entirely and replace with the revised drawing E302 attached hereto. Revised conduit P320.
22. Drawing E307 (DAF Clarifier Building Floor Plan)
  - a. Delete this sheet entirely and replace with the revised drawing E307 attached hereto. Revised DAF MCC-3000 floor plan to match Owner Furnished MCC. Removed conduit tag.
23. Drawing E309 (DAF Clarifier Building Electrical Room Enlarged Plans)
  - a. Delete this sheet entirely and replace with the revised drawing E309 attached hereto. Revised DAF MCC-3000 floor plan to match Owner Furnished MCC. Adjusted clearance and egress path.
24. Drawing E350 (De-Chlorination Building Floor Plan & Section)
  - a. Delete this sheet entirely and replace with the revised drawing E350 attached hereto. Revised sheet key note #2 to specify quadplex receptacle.
25. Drawing I010 (SCADA & Network Block Diagram)
  - a. Delete this sheet entirely and replace with the revised drawing I010 attached hereto. Removed “OFCI” note.

#### **GENERAL CLARIFICATIONS / MISCELLANEOUS**

26. Cabinetry. In response to bidder questions about the specification for cabinetry in Section 06200.2.8, this specification applies to the vanity shown on drawing M303.

— End of Body of Addendum (*attachments, if any, after this page*) —

## **SECTION 02140 CONTROL OF WATER**

### **PART 1: GENERAL**

#### **1.1 SCOPE**

- a. This specification defines requirements for the design, planning, construction, maintenance and operation of dewatering facilities to control and dispose of groundwater and precipitation within the limits of open excavations as necessary for the protection of personnel and as required to maintain excavations free of visible water, prevent slope instability and the degradation of subgrades.

#### **1.2 RELATED SECTIONS**

- a. Section 02160 – Excavation Support and Protection
- b. Section 02201 – Excavation, Fills and Subgrade Preparation
- c. Section 02226 – Trench Excavation and Backfill

#### **1.3 SYSTEM DESCRIPTION**

- a. The dewatering systems may include the use of wellpoints, sump pumps, temporary pipelines for the disposal of water, rock or gravel placement, and other means. The control of water within all active construction areas shall be the sole responsibility of the Contractor.
- b. The necessary pumps, appliances and equipment shall be provided and operated to keep excavations free from water during construction and to dispose of the water so as not to cause injury to public or private property or to cause a nuisance or a menace to the public.
- c. Provide standby equipment on site including standby power for immediate deployment to maintain dewatering on a continuous basis if any part of the system becomes inadequate or fails. Sufficient workmen and monitoring of the system shall be provided at all times for the successful operation of the pumping system.
- d. Dewatering shall prevent the loss of fines, seepage, boils or the softening of the foundation subgrade.
- e. The cost of any additional excavation or the replacement or rehabilitation of subgrade damaged due to dewatering system failures or negligence shall be the sole responsibility of the Contractor.
- f. The design and provision of a water control plan by the Contractor shall supersede all conceptual representations of such systems as depicted on the Drawings.

#### **1.4 QUALITY ASSURANCE**

- a. It shall be the sole responsibility of the Contractor to control the rate and effect of the dewatering efforts to avoid all objectionable settlement and subsidence.
- b. All dewatering operations shall be conducted in a manner that does not compromise the quality or integrity of the finished products as specified.

## 1.5 SUBMITTALS

- a. Submittals shall be in accordance with the requirements of these Contract Documents and shall include the following:
  - 1) Prior to the start of construction, the Contractor shall submit its proposed plan for the control of water.
  - 2) The submitted plan shall show specific locations where dewatering facilities are to be constructed as well as a general discussion of the methods to be employed should water be encountered in other locations. The plan shall detail the depth, diameter and anticipated flow for dewatering wells or sumps as well as the locations and protective measures for the discharge of pumped water.
  - 3) The review by the Owner's Engineer shall not be construed as a detailed analysis or adequacy of the system, nor shall any provisions of the review be construed as relieving the Contractor of its sole overall responsibility for the control of water.

## 1.6 PROJECT CONDITIONS

- a. The geotechnical reports prepared for this Project are attached to this bid package for information only. The geotechnical reports were prepared for the exclusive use of the Owner and their agents to assist with the design of foundation systems for this Project. The opinions expressed in this report are those of the geotechnical engineer and represent interpretations of subsoil conditions, tests, and results of analyses conducted by the geotechnical engineer. The reports shall not be construed as a warranty of accuracy for groundwater levels that may be present across the construction period. The Owner and its agents shall not be responsible for interpretations or conclusions drawn from the data by the Contractor or their agents.
- b. Any additional investigative work deemed necessary by the Contractor for developing and designing the water control plan shall be conducted at the Contractor's expense.

## **PART 2: PRODUCTS**

### 2.1 GENERAL

- a. The Contractor shall provide serviceable equipment in good operating condition. Redundant dewatering equipment and power sources shall be provided in conditions where the control of water demands the continuous operation of the equipment.

## **PART 3: EXECUTION**

### 3.1 GENERAL

- a. The pumping and control of groundwater shall be continuously controlled throughout the course of construction, including weekends and holidays and during periods of work stoppages. The Contractor shall provide adequate backup systems and continuously maintain control of water until such time as the water can be allowed to rise without compromising the quality of facilities constructed as part of this Project.

- b. Control groundwater levels as required to provide excavations with stable side slopes and subgrades for the execution of the work.
- c. Protect the intact, undisturbed strength and density of native subgrades that are intended to support structures.
- d. In the event well points are used, they shall be adequately spaced to provide the necessary dewatering and shall be sandpacked or otherwise designed to prevent the pumping of fine sands or silts from the subsurface. A continual check by the Contractor shall be maintained to ensure that the fines from the soil matrix are not being removed by the dewatering process.
- e. In the event foundation soils are disturbed or loosened by the upward seepage of water, or an uncontrolled flow of water, affected areas shall be excavated and replaced with approved foundation stabilization material at no additional cost to the Owner.
- f. Do not place concrete or CLSM foundations in water, nor allow water to rise above the subgrade on which they are placed, until the product has suitably cured so as to avoid damage. Damaged or compromised materials resulting from the failure to control water shall be removed from the project by the Contractor and replaced at no cost to the Owner.

### 3.2 DISPOSAL OF WATER

- a. The Contractor shall use sediment control methods as required at discharge points to prevent silt and sediment from migrating offsite. Sediment control methods may include but are not limited to straw bales, geotextile silt sacks filter fences and the like.

### 3.3 MONITORING

- a. The Contractor shall monitor the dewatering systems daily during excavation progress and for as long as the excavation remains open. Promptly correct performance problems to prevent standing water within the excavated areas.
- b. Provide continual observation to ensure that subsurface soils are not being removed by the dewatering operation.
- c. Should settlement be observed, the Contractor shall take immediate action to curtail or cease dewatering operations and implement a contingency plan. The cost of repairing damage to adjacent structures and facilities caused by the Contractor's dewatering activities shall be the sole responsibility of the Contractor.

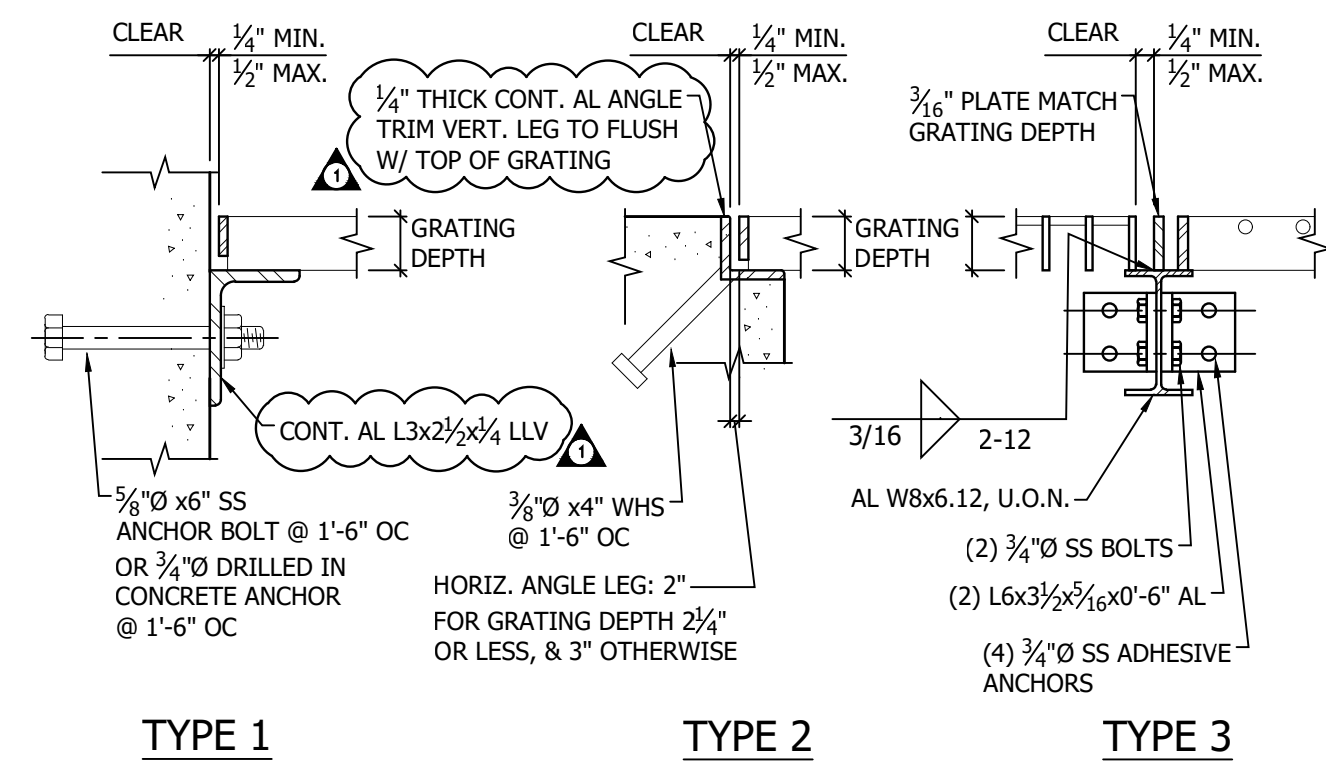
### 3.4 DECOMMISSIONING

- a. All components of the dewatering system shall be removed from the Project by the Contractor at such time as the water can be allowed to rise without compromising the quality of facilities constructed as part of this Project.

## **PART 4: SPECIAL PROVISIONS**

None.





BEVEL EDGES OF SLOT FOR SLIDE GATE

GRATING SUPPORT SEAT

SLIDE GATE FRAME, WELD TO GRATING SUPPORT SEAT

- NOTES:
1. GRATING SHALL CONFORM TO METAL BAR GRATING MANUAL OF N.A.A.M.M. MARK P-19-4.
  2. GRATING SHALL BE SWAGE LOCKED ALUMINUM. ALL SUPPORTS SHALL BE STAINLESS STEEL AS SHOWN IN 2/010.
  3. GRATING SHALL BE SERRATED BARS.
  4. END BAND SHALL BE  $\frac{1}{4}$ " LESS THAN GRATING DEPTH AND FLUSH WITH TOP OF GRATING. WELD ALL BEARING AND CROSS BARS TO END BANDS.
  5. PROVIDE 4 SST GRATING HOLD DOWN CLIPS, ONE AT EACH CORNER, TYPICAL EACH PIECE.
  6. MAXIMUM WEIGHT OF ANY ONE REMOVABLE PANEL TO BE 80 POUNDS.

## GRATING @ SLIDE GATE

Technical drawing showing a cross-section of a wall and grating assembly. The drawing includes the following details and labels:

- TYP. REINFORCING**: Points to the vertical reinforcement bars in the wall.
- VERT. EA. SIDE OF BLOCKOUT TO MATCH WALL REINFORCING @ WALL SIDE ONLY**: Points to the vertical reinforcement on the wall side of the blockout.
- SEE DETAIL 5/S010 FOR SLOTS IN SUPPORT ANGLES, TYP.**: Points to the slots in the support angles.
- 2 1/2" MAX**: Dimension for the maximum width of the blockout.
- 2" ± CLR**: Dimension for the clearance around the blockout.
- 7" MIN**: Dimension for the minimum height of the support angle.
- GRATING SUPPORT ANGLE**: Points to the support angle for the grating.

## METAL WIDE FLANGE MOUNTING

$$1\frac{1}{2}'' = 1'-0'''$$

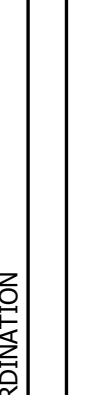
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**MSC**  
**ENGINEERS**  
SINCE 1925

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|                                                                                     |  |                                                                              |   |          |                     |     |
|-------------------------------------------------------------------------------------|--|------------------------------------------------------------------------------|---|----------|---------------------|-----|
|  |  | <b>VERIFY SCALE</b><br>THIS IS ONE INCH ON<br>ORIGINAL DRAWING<br>0 _____ 1" | 1 | 06-25-26 | BIDDER COORDINATION | EDC |
|                                                                                     |  | IF NOT ONE INCH ON<br>THIS SCALE, ADVISE<br>BIDDERS ACCORDINGLY              |   |          |                     |     |
|                                                                                     |  | DSN. CBS                                                                     |   |          |                     |     |
|                                                                                     |  | DRN. SMC                                                                     |   |          |                     |     |
|                                                                                     |  | CKD. CBS                                                                     |   |          |                     |     |
|                                                                                     |  | NO. DATE                                                                     |   |          |                     | BY  |
|                                                                                     |  | DATE: MAY 26<br>REVISIONS                                                    |   |          |                     |     |

**WESTTECH ENGINEERING, INC.**  
CONSULTING ENGINEERS AND PLANNERS

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Phone: (503) 585-2474 Fax: (503) 585-3986  
E-mail: [westech@westech-eng.com](mailto:westech@westech-eng.com)

CITY OF AUMSVILLE, OREGON

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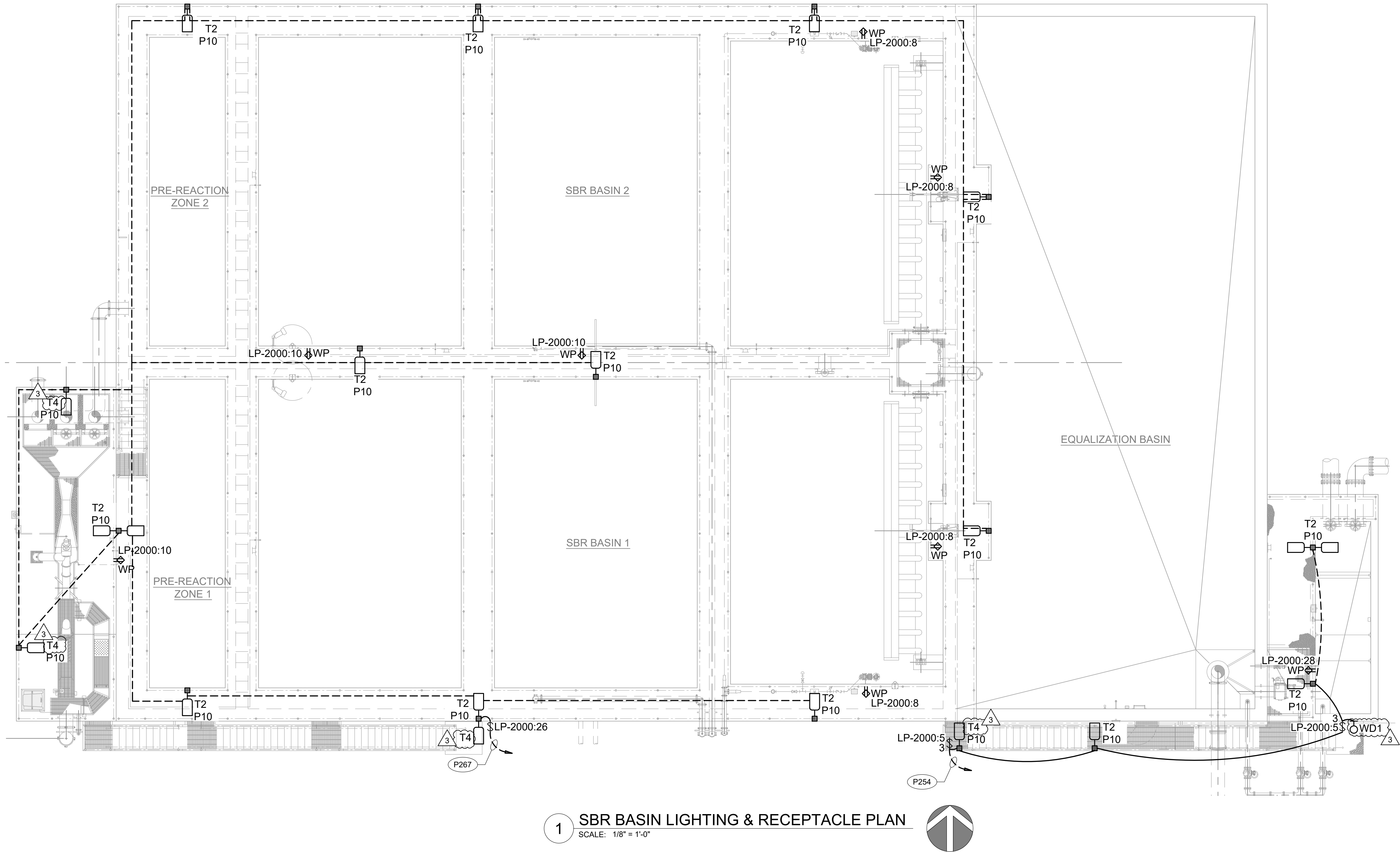
WASTEWATER TREATMENT PLANT IMPROVEMENTS

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TYPICAL METAL DETAILS

DRAWING  
**S010**  
28 OF 223  
JOB NUMBER  
**231048**





1 SBR BASIN LIGHTING & RECEPTACLE PLAN  
SCALE: 1/8" = 1'-0"

- GENERAL SHEET NOTES
1. CONDUITS SHOWN ON THIS DRAWING SHALL BE CONCEALED BY THE ROUTING SLAB. COORDINATE WITH STRUCTURAL DRAWINGS TO AVOID INTERFERENCE WITH REBAR OR ANY REINFORCING STEEL. FIELD VERIFY CONDUIT LOCATIONS WITH OWNER PRIOR TO CONCRETE PLACEMENT. MAINTAIN A MINIMUM SEPARATION OF TWO (2) CONDUIT DIAMETERS BETWEEN ADJACENT CONDUITS.
  2. REFER TO DRAWING E005, DETAIL 101 FOR SWIVEL POLE INSTALLATION ON RAILING. THE T2 LIGHT FIXTURES SHALL BE MOUNTED ON SWIVEL POLE MOUNTED ON THE RAILING.
  3. REFER TO DRAWING E005, DETAIL 102 FOR MOUNTING RECEPTACLE ON RAILING.

|                                                          |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|----------------------------------------------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| VERIFY SCALE                                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| BAR IS ONE INCH ON ORIGINAL DRAWING                      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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OREGON  
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MAY 08, 2012  
BENJAMIN E. PERRY  
EXPIRES: 12-31-2026

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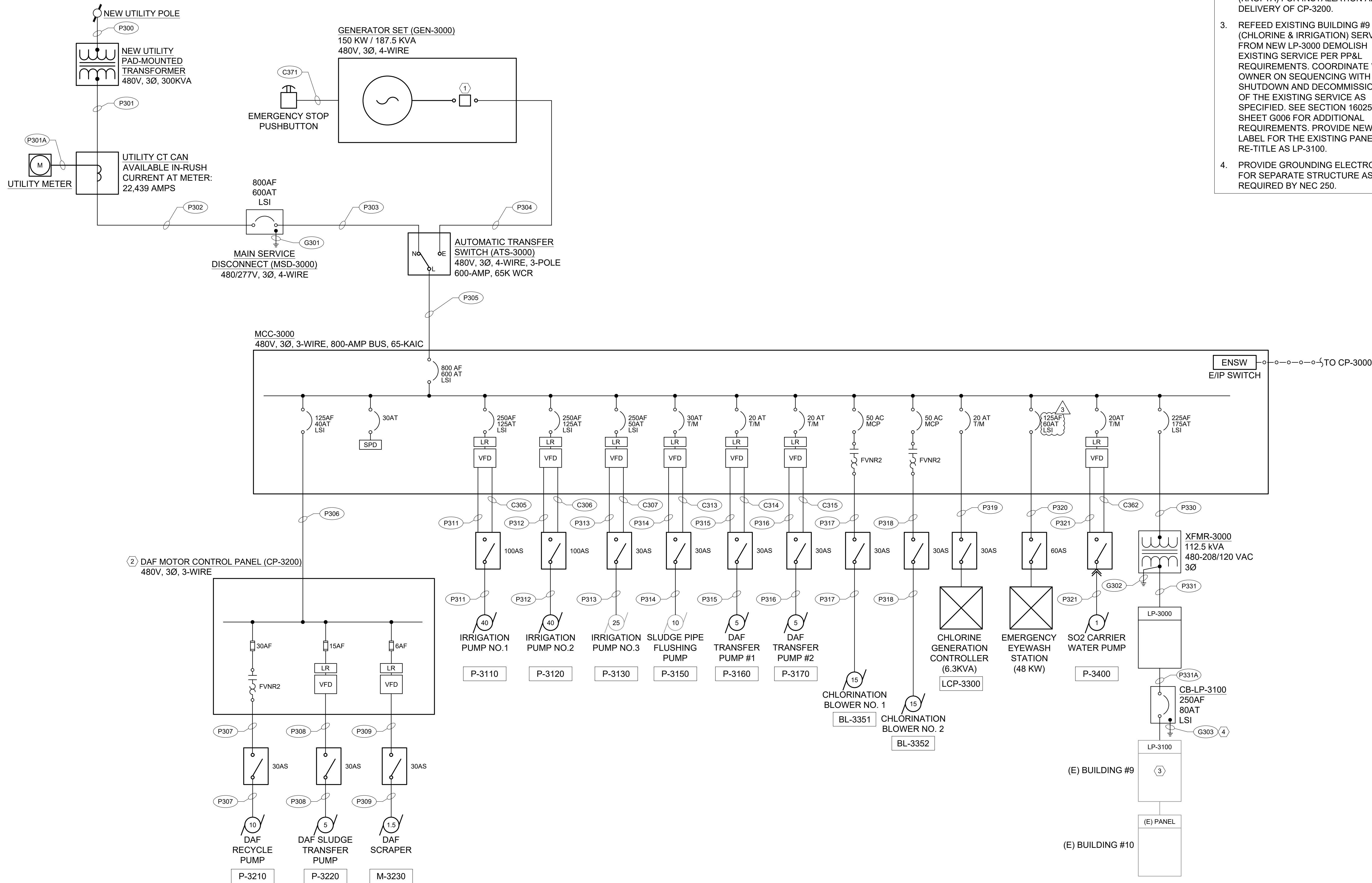
CITY OF AUMSVILLE, OREGON  
WASTEWATER TREATMENT PLANT IMPROVEMENTS

**SBR BASIN LIGHTING & RECEPTACLE PLAN**

DRAWING  
**E212**  
174 OF 223  
JOB NUMBER  
**2599.3220.0**

| DAF CLARIFIER GROUNDING CONDUIT / CONDUCTOR SCHEDULE |          |           |                        |        |           |       |       |            |                            |                            |       |
|------------------------------------------------------|----------|-----------|------------------------|--------|-----------|-------|-------|------------|----------------------------|----------------------------|-------|
| CONDUIT ID NO.                                       | CONDUIT  |           | CONDUCTORS PER CONDUIT |        |           |       |       | FROM       | TO                         | DESCRIPTION                | NOTES |
|                                                      | QUANTITY | SIZE      | UNGROUND               | GROUND | GROUNDING | CABLE | SPARE |            |                            |                            |       |
| G301                                                 | 1        | 1.0 INCH  | -                      | -      | 1 - #2/0  | -     | -     | MSD-3000   | GROUNDING ELECTRODE SYSTEM | ROUTE IN PVC, SCHEDULE 40. | -     |
| G302                                                 | 1        | 1.0 INCH  | -                      | -      | 1 - #2    | -     | -     | XFMR-3000  | GROUNDING ELECTRODE SYSTEM | ROUTE IN PVC, SCHEDULE 40. | -     |
| G303                                                 | 1        | 0.75 INCH | -                      | -      | 1 - #8    | -     | -     | CB-LP-3000 | GROUNDING ELECTRODE SYSTEM | ROUTE IN PVC, SCHEDULE 40. | -     |

NOTES:



 SHEET KEY NOTES

1. AMP SENTRY RELAY, SET OVERCURRENT DEVICE TO 300-AMPS.
2. CP-3200 IS FURNISHED BY THE DAF CLARIFIER SYSTEM SUPPLIER. CONTRACTOR SHALL COORDINATE WITH THE OWNER AND DAF CLARIFIER SYSTEM SUPPLIER (KROFTA) FOR INSTALLATION AND DELIVERY OF CP-3200.
3. REFEED EXISTING BUILDING #9 (CHLORINE & IRRIGATION) SERVICE FROM NEW LP-3000 DEMOLISH EXISTING SERVICE PER PP&L REQUIREMENTS. COORDINATE WITH OWNER ON SEQUENCING WITH SHUTDOWN AND DECOMMISSIONING OF THE EXISTING SERVICE AS SPECIFIED. SEE SECTION 16025 AND SHEET G006 FOR ADDITIONAL REQUIREMENTS. PROVIDE NEW LABEL FOR THE EXISTING PANEL AND RE-TITLE AS LP-3100.
4. PROVIDE GROUNDING ELECTRODE FOR SEPARATE STRUCTURE AS REQUIRED BY NEC 250.

**VERIFY SCALE**  
**BAR IS ONE INCH ON**  
**ORIGINAL DRAWING**

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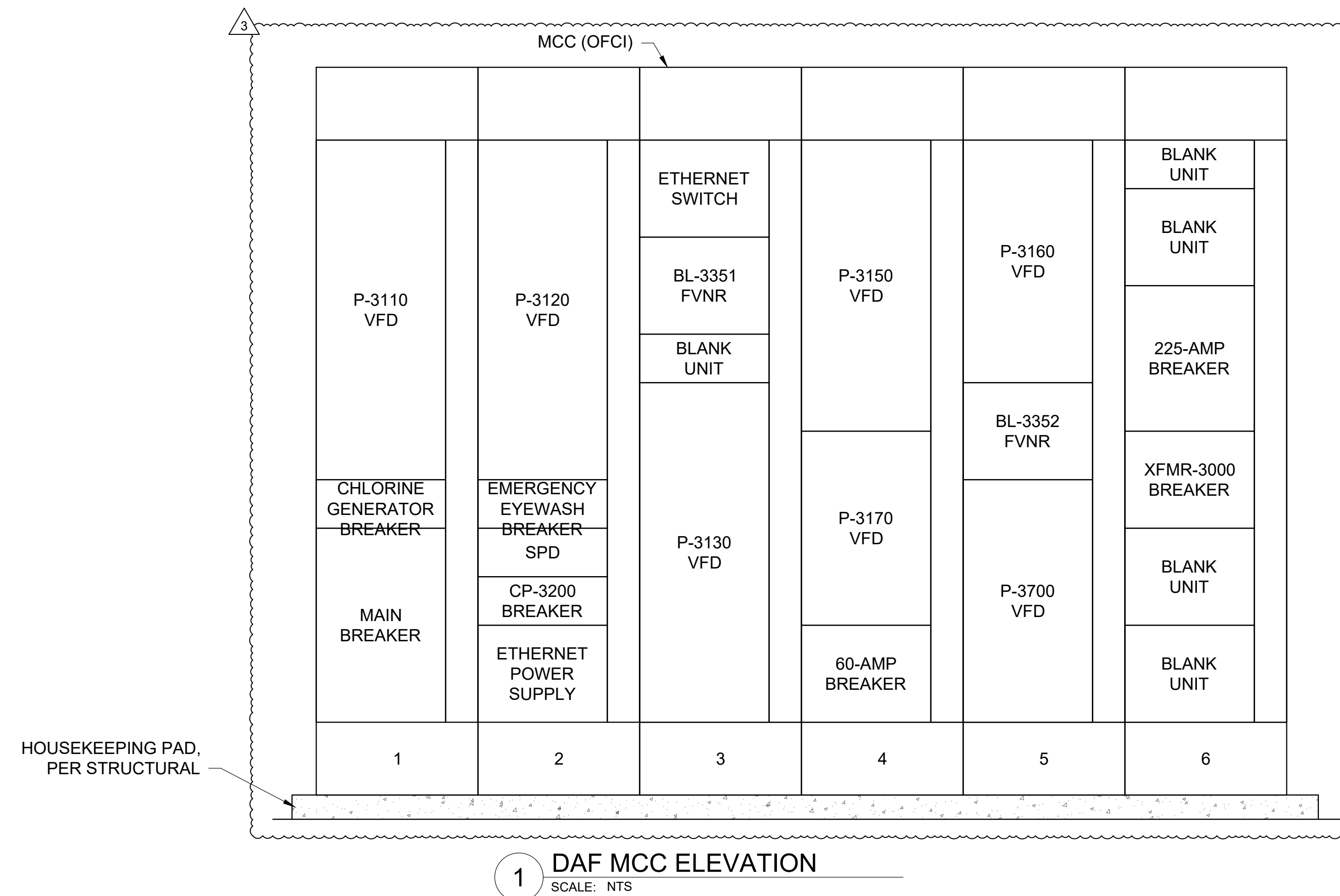
CITY OF AUMSVILLE, OREGON  
WASTEWATER TREATMENT PLANT IMPROVEMENTS  
DAF BUILDING ONE-LINE  
DIAGRAM

DRAWING  
E300  
185 OF 22  
JOB NUMBER  
2599.3220.

1. MCC-3000 IS FURNISHED BY THE OWNER'S SYSTEM INTEGRATOR, CONTRACTOR INSTALLED. COORDINATE WITH THE OWNER FOR INSTALLATION AND DELIVERY OF THE MCC.

| DAF BUILDING LOAD CALCULATIONS    |                          |         |       |          |     |    |     |      |               |                     |                  |
|-----------------------------------|--------------------------|---------|-------|----------|-----|----|-----|------|---------------|---------------------|------------------|
| DESCRIPTION                       | LOAD TYPE                | VOLTAGE | PHASE | XFMR KVA | MCA | HP | KW  | AMPS | DEMAND FACTOR | CONNECTED LOAD (KW) | DEMAND LOAD (KW) |
| MCC-3000                          |                          |         |       |          |     |    |     |      |               |                     |                  |
| DAF MOTOR CONTROL PANEL (CP-3200) | Equipment                | 480     | 3     | -        | -   | -  | -   | -    | -             | 20.5 KW             | 20.5 KW          |
| IRRIGATION PUMP NO. 1             | Largest Motor, Pump, Fan | 480     | 3     | -        | -   | 40 | -   | -    | -             | 43.2 KW             | 54.0 KW          |
| IRRIGATION PUMP NO. 2             | Motor, Pump, Fan         | 480     | 3     | -        | -   | 40 | -   | -    | -             | 43.2 KW             | 43.2 KW          |
| IRRIGATION PUMP NO. 3             | Motor, Pump, Fan         | 480     | 3     | -        | -   | 25 | -   | -    | -             | 28.2 KW             | 28.2 KW          |
| SLUDGE PIPE FLUSHING PUMP         | Motor, Pump, Fan         | 480     | 3     | -        | -   | 10 | -   | -    | -             | 11.6 KW             | 11.6 KW          |
| DAF TRANSFER PUMP #1              | Motor, Pump, Fan         | 480     | 3     | -        | -   | 5  | -   | -    | -             | 6.3 KW              | 6.3 KW           |
| DAF TRANSFER PUMP #2              | Motor, Pump, Fan         | 480     | 3     | -        | -   | 5  | -   | -    | -             | 6.3 KW              | 6.3 KW           |
| CHLORINATION BLOWER NO. 1         | Motor, Pump, Fan         | 480     | 3     | -        | -   | 15 | -   | -    | -             | 17.5 KW             | 17.5 KW          |
| CHLORINATION BLOWER NO. 2         | Motor, Pump, Fan         | 480     | 3     | -        | -   | 15 | -   | -    | -             | 17.5 KW             | 17.5 KW          |
| CHLORINE GENERATION CONTROLLER    | Equipment                | 480     | 3     | -        | -   | -  | 6.3 | -    | -             | 6.3 KW              | 6.3 KW           |
| EMERGENCY EYEWASH STATION         | Equipment                | 480     | 3     | -        | -   | -  | 48  | -    | -             | 48.0 KW             | 48.0 KW          |
| SO2 CARRIER WATER PUMP            | Motor, Pump, Fan         | 480     | 3     | -        | -   | 1  | -   | -    | -             | 1.7 KW              | 1.7 KW           |
| XMFR-3000 (LP-3000, 120VAC)       | Transformer              | -       | -     | 112.5    | -   | -  | -   | -    | -             | 112.5 KW            | 112.5 KW         |
|                                   |                          |         |       |          |     |    |     |      |               |                     |                  |
| FUTURE LOADS [NOTE 1]             | Equipment                | 480     | 3     | -        | -   | -  | -   | 100  | -             | 83.1 KW             | 83.1 KW          |
|                                   |                          |         |       |          |     |    |     |      |               |                     |                  |
| TOTALS (KW):                      |                          |         |       |          |     |    |     |      |               | 446.0 KW            | 456.8 KW         |
| TOTALS (A):                       |                          |         |       |          |     |    |     |      |               | 536.5 A             | 549.5 A          |

[1] FUTURE LOADS ACCOUNT FOR APPROXIMATELY 25% SPARE CAPACITY (~83-AMPS), AS WELL AS FUTURE SBR EXPANSION.



VERIFY SCALE

BAR IS ONE INCH ON ORIGINAL DRAWING

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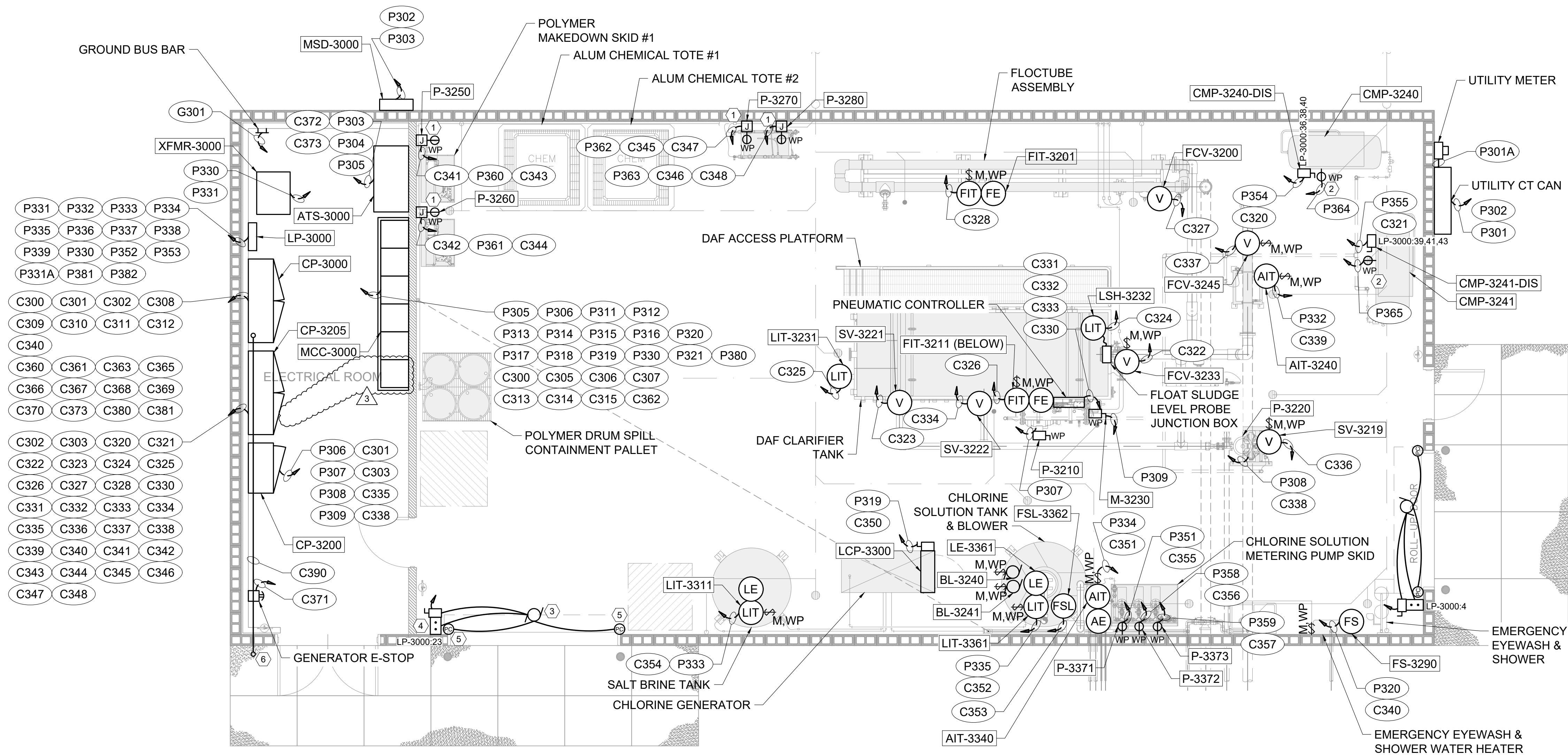
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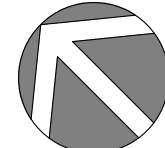
CITY OF AUMSVILLE, OREGON  
WASTEWATER TREATMENT PLANT IMPROVEMENTS  
DAF MCC ELEVATION

DRAWING  
E301  
186 OF 223  
JOB NUMBER  
2599.3220.0





1 DAF CLARIFIER BUILDING FLOOR PLAN  
SCALE: 1/4" = 1'-0"



- SHEET KEY NOTES**
1. PROVIDE JUNCTION BOX WITH TERMINAL BLOCKS TO TRANSITION FROM CONDUCTORS TO MANUFACTURER SUPPLIED CABLE. SEE DRAWING E004, DETAIL 116.
  2. PROVIDE DEDICATED SIMPLEX RECEPTACLE FOR AUTOMATIC DRAIN UNIT. COORDINATE WITH MECHANICAL FOR FINAL LOCATION.
  3. OVERHEAD ROLL-UP DOOR MOTOR. PROVIDE 2 - #12, 1 - #12G IN 3/4"C. INSTALL PER MANUFACTURER'S INSTRUCTIONS.
  4. OVERHEAD ROLL-UP DOOR CONTROLLER PROVIDE 3/4"C FROM OVERHEAD DOOR MOTOR TO CONTROLLER. INSTALL PER MANUFACTURER'S INSTRUCTIONS.
  5. OVERHEAD DOOR PHOTO EYE. PROVIDE 3/4"C FROM OVERHEAD DOOR MOTOR TO PHOTO EYE. INSTALL PER MANUFACTURER'S INSTRUCTIONS.
  6. WIRELESS ETHERNET BRIDGE FOR CP-2000 TO CP-3000. ROUTE CONDUIT OVERHEAD TO THE EXTERIOR OF THE BUILDING. INSTALL JUNCTION BOX ON THE WALL. COORDINATE FINAL HEIGHT OF THE ANTENNA WITH THE OWNER'S SYSTEM INTEGRATOR.

|                                                                 |  |                                                                                                                                                 |  |                                                                        |  |                                                                                   |  |                                       |  |                        |  |
|-----------------------------------------------------------------|--|-------------------------------------------------------------------------------------------------------------------------------------------------|--|------------------------------------------------------------------------|--|-----------------------------------------------------------------------------------|--|---------------------------------------|--|------------------------|--|
| CITY OF AUMSVILLE, OREGON                                       |  | WASTEWATER TREATMENT PLANT IMPROVEMENTS                                                                                                         |  | DAF CLARIFIER BUILDING FLOOR PLAN                                      |  | DRAWING E307                                                                      |  | 192 OF 223                            |  | JOB NUMBER 2599.3220.0 |  |
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| DRN.                                                            |  | 3                                                                                                                                               |  | DATE                                                                   |  | 07/10/26                                                                          |  | ADDENDUM #3                           |  | BY                     |  |
| CHKD.                                                           |  | NO.                                                                                                                                             |  | DATE                                                                   |  | 07/10/26                                                                          |  | ADDENDUM #3                           |  | BY                     |  |
| DESCRIPTION                                                     |  | NO.                                                                                                                                             |  | DATE                                                                   |  | 07/10/26                                                                          |  | ADDENDUM #3                           |  | BY                     |  |





- DRAWING  
E350  
197 OF 223  
JOB NUMBER  
2599.3220.0

