

**PUD NO. 1 OF SKAGIT COUNTY  
JUDY RAW WATER PUMP STATION REPLACEMENT PROJECT**

**ADDENDUM NO. 3**

Date of Issue: October 30, 2020

**To All Planholders and/or Prospective Bidders:**

Acknowledge receipt of this Addendum in the space provided in the BID FORM, page PROPOSAL-4. Failure to do so may subject the Bidder to disqualification.

The following changes, additions, and/or deletions are hereby made a part of the project bid documents for the **Judy Raw Water Pump Station Replacement Project** and shall have the same effect as if set forth therein.

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**TECHNICAL SPECIFICATIONS**

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**Page 1-10**

Please add the following language to the end of section 1.72:

During replacement of circuit P14, the Contractor shall provide a portable generator at the Water Treatment Plant. The generator shall be connected to MCC-2 with temporary cabling to provide power to the Water Treatment Plant until circuit P14 is re-energized. The generator size shall be 450 kilowatts, minimum.

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**Page 1-17**

Replace the last line in the table.

1.82 Pressure Ratings

Seal Safe Potable Supply line after PRV	45 psi	70 psi
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**PLANS**

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**Sheet No. 5 of 37, DWG NO. C04**

W9 36"x6" DI TEE (TRJxFL) CAN BE:

1. 36"X24" DI TEE (TRJxFL) WITH 24"X6" DI REDUCER (FLxFL) WITH 6" DI GATE VALVE (FLxTRJ) AND 6" DI NIPPLE
2. FACTORY WELDED 6" BRANCH ON 36" DI PIPE. WELDING COMPLETED BY WABO CERTIFIED WELDERS WITH DI WELDING EXPERIENCE. WELD SHALL BE DONE TO INSIDE AND OUTSIDE OF THE BRANCH. 36" PIPE SHALL BE PRESSURE CLASS 300 MINIMUM.
3. PER PLAN

SUBMIT ON PERFERRED LAYOUT FOR APPROVAL BY THE OWNER.

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**Sheet No. 18 of 37, DWG NO. M02****SUCTION HEADER PROFILE**

36"x18" DI TEE (TRJxFL) WITH 18" DI BUTTERFLY VALVE (FLxFL) AND 18" DI BLIND FL CAN BE:

4. 36"x24" DI TEE (TRJxFL) WITH 24" DI BUTTERFLY VALVE (FLxFL) AND 24" DI BLIND FL
5. 36"x24" DI TEE (TRJxFL) WITH 24"x18" DI REDUCER (FLxFL), 18" DI BUTTERFLY VALVE (FLxFL) AND 18" DI BLIND FL
6. FACTORY WELDED 18" BRANCH ON 36" DI PIPE. WELDING COMPLETED BY WABO CERTIFIED WELDERS WITH DI WELDING EXPERIENCE. WELD SHALL BE DONE TO INSIDE AND OUTSIDE OF THE BRANCH. 36" PIPE SHALL BE PRESSURE CLASS 300 MINIMUM.
7. Welded Steel Fabricated 36"x18" Tee (FLxFL) WITH 36" DI FLxTRJ adaptors.
8. PER PLAN

SUBMIT ON PERFERRED LAYOUT FOR APPROVAL BY THE OWNER.

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**Sheet No. 19 of 37, DWG NO. M03**

On Seal Safe System Notes, Change the Pressure Reducing Valve Set Point to 45 psi not 15 PSI.

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**Sheet No. 21 of 37, DWG NO. M05**

On Pressure Flow Monitoring Detail, change SS ¼" Reinforced Flexible Hose to 3/8" Diameter.

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**Sheet No. 27 of 37, DWG NO. E05**

Add the following note to the Existing PS – Power Distribution and Signal Plan:

PROVIDE NEW SURFACE MOUNTED CONDUIT FOR THESE CIRCUITS.

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**Sheet No. 33 of 37, DWG NO. E11**

The original intent was to re-connect existing circuit P14 to the new switchboard, "SB2". Due to concerns that the conductors may not reach the proposed feeder circuit breaker the circuit will be revised so that new conductors are installed in the existing conduit between the switchboard, "SB2" and the existing handhole, "HH-1A" that lies outside of the pump station.

Circuit P14 will be revised as follows.

Source: Service Switchboard, "SB2"

Destination: Handhole, "HH-1A"

Trade Size: (2) – 3"

(Quantity) Conductors: (3) - #300 MCM, (1) - #1 GRD

Notes: Parallel Conductors. Install new conductors between handhole, "HH-1A" and proposed switchboard, "SB2".

Record drawing E-2, "Electrical Site Plan", has been included to show the conductor length.

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## QUESTIONS

1. Regarding the following pressure testing on page 15-6

*Pump cans (aka barrels) for can-mounted pumps and buried piping below and within 5-feet of the structure shall be hydrostatically pressure tested prior to foundation construction.*

Five feet of the structure puts it in the middle of the header on the suction side- can we instead test to the spool outside flange before the dismantling joint?

**Yes, testing can be completed to the spool outside flange prior to the dismantling joint.**

2. Regarding Valve Testing - will factory valve pressure testing suffice in-leu of post installation testing?

**No, the system should be tested as a whole.**

3. How many LF of pipe will we be draining when we do the 36-inch suction and 30-inch discharge tie-ins respectively?

**The Owner will drain these lines in advance. Provide 1 calendar week notice of when line requires draining to make connections.**

4. Division 5 of the specification, page 5-6, calls for nitronic 60 bolts and nuts, in the chlorine dioxide injection vault and downstream. Please verify that this requirement applied to the ductile iron fittings specified in Section 15.22 of the specification in the chlorine dioxide injection vault and downstream areas. Specifically, if the contractor should be providing the nitronic 60 bolts and nuts for all the flanges and fittings shown on Sheet M04.

**Yes, Nitronic 60 bolts and nuts are required for the Chlorine Dioxide vault fittings in the vault and all fittings downstream of the vault to the Concrete Cylinder pipe that are shown on plan view on DWG No. M04.**

5. Please clarification the shutdown timeline regarding the tie-in for the 36-inch supply pipeline and 30-inch discharge pipeline.

**There is no timeline for the tie-in to the 36-inch supply pipeline. This pipeline is not being used at this time. The timeline for the 30-inch discharged pipeline is 12-hours as stated in Addendum No. 2.**

6. Routing conduit indicate the destination for P14 is MCC-2. Please provide the location of MCC-2.

**The location of MCC-2 is shown on record drawing E-2, "Electrical Site Plan", which has been included with this addendum.**

7. Can the owner provide the existing one-line diagram showing all the connections to the existing switchboard that's being removed?

**Record drawing E-3, "Main Switchboard & MCC 1 One Line Diagram & Elevations", has been included with this addendum.**

8. Please provide as-built drawings showing conduits routing from existing MS enclosures to existing raw-water pumps.

**Record drawing E-14, "Pump Station – Power Plan & Lighting Plan", has been included with this addendum.**

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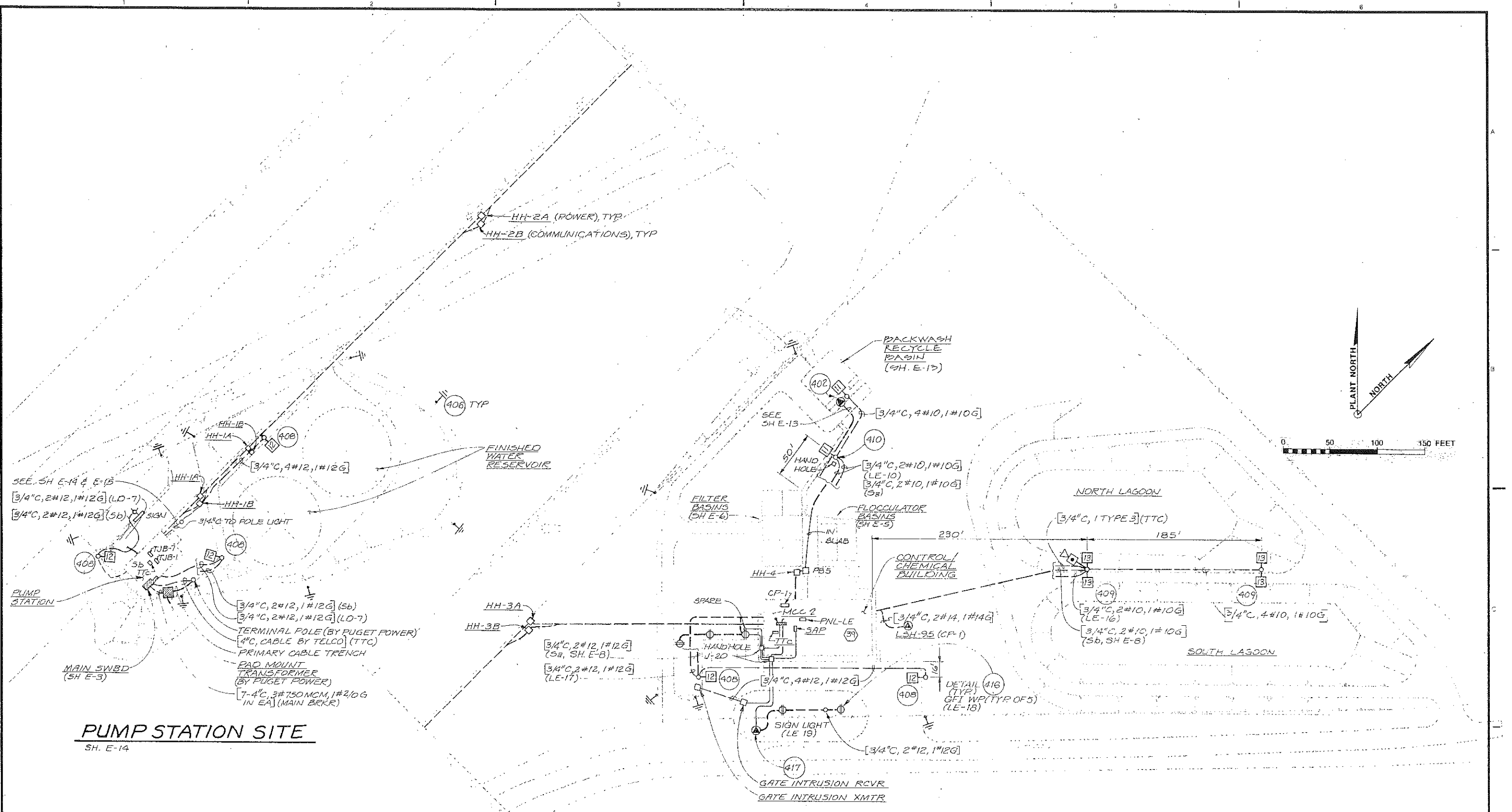
This Addendum consists of 4 pages of specification and plan corrections and questions, and 3 pages of Pump Station and Water Treatment Plant Record Drawings, for a total Addendum of **seven (7) pages**.



Mark Semrau, P.E., PMP, Capital Projects Manager  
PUD No. 1 of Skagit County

Attachments:

- Record drawing E-2, "Electrical Site Plan"
- Record drawing E-3, "Main Switchboard & MCC 1 One Line Diagram & Elevations"
- Record drawing E-14, "Pump Station – Power Plan & Lighting Plan"



**PUMP STATION SITE**  
SH. E-14

**TREATMENT PLANT SITE**  
(SHEETS E-7, E-8)

**RECORD DRAWINGS**

Revisions Drawn by: CMB Date 8/90

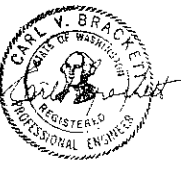
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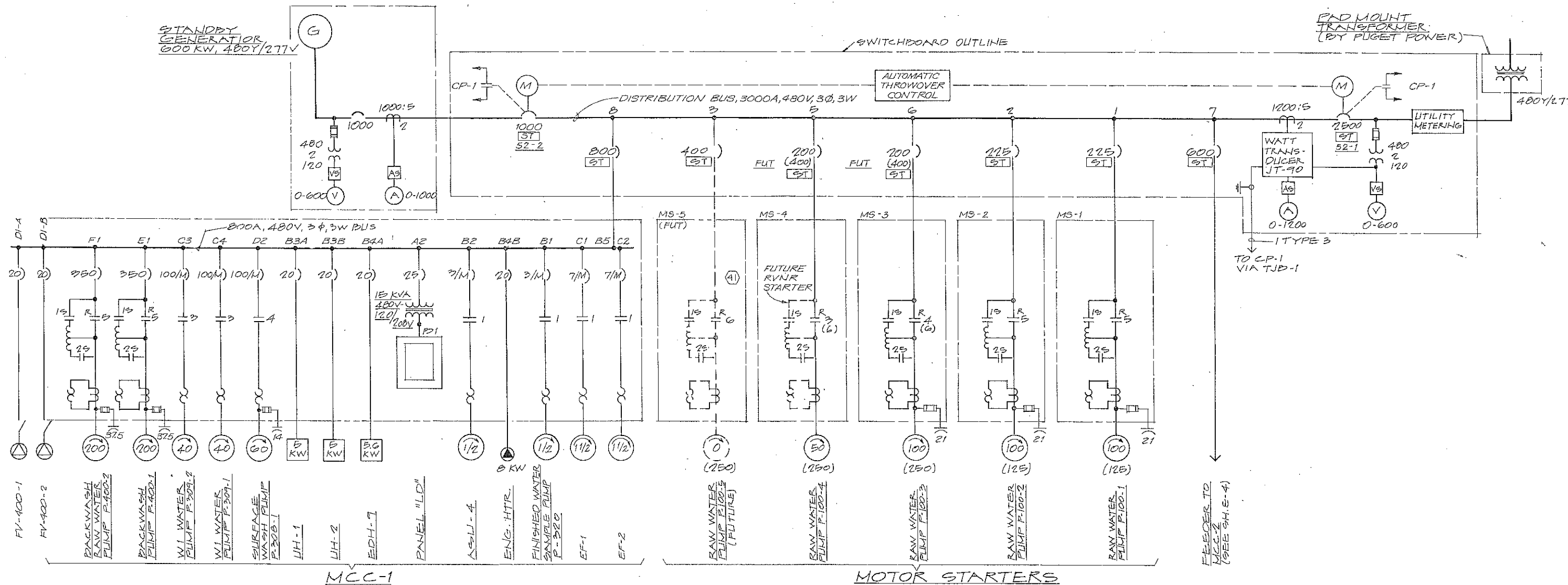


DSGN	C.V. BRACKETT				
DR	R. PENDEKNEIDER	8/90	RECORD DRAWING	CMB	PM
CHK	C.V. BRACKETT	2/5/88	ADDENDUM NO. 1		
APVD	H. WARD				
		NO.	DATE	BY	APVD

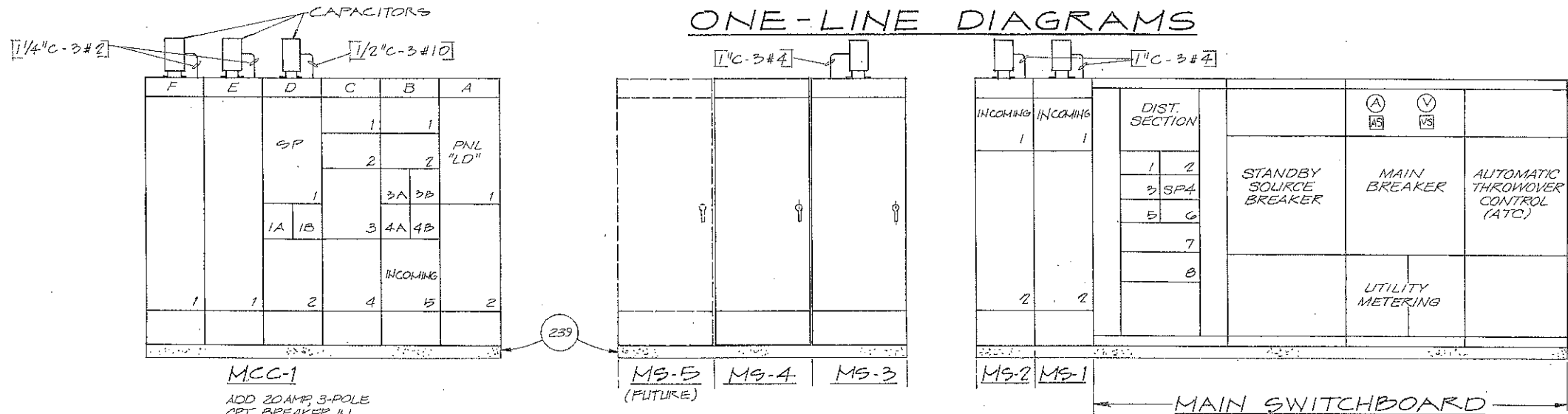
<p><b>SKAGIT COUNTY P.U.D.</b> SKAGIT WATER TREATMENT PLANT</p>	
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<p><b>ELECTRICAL SITE PLAN</b></p>	
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SHEET	E-2
DWG NO.	158
DATE	JAN. 1988
PROJ NO.	S21482.A1



**ONE-LINE DIAGRAMS**



**FRONT ELEVATIONS**  
1/2" = 1' - 0"

**RECORD DRAWINGS**

Revisions Drawn by CMB Date 8/90

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DSGN C.V. BRACKETT  
DR R. BENDONMEYER  
CHK C.V. BRACKETT  
APVD N. WARD

NO.	DATE	REVISION	BY	APVD
(4)	8/90	RECORD DRAWING	CMB	PM
	2/5/88	APPENDUM NO. 1		

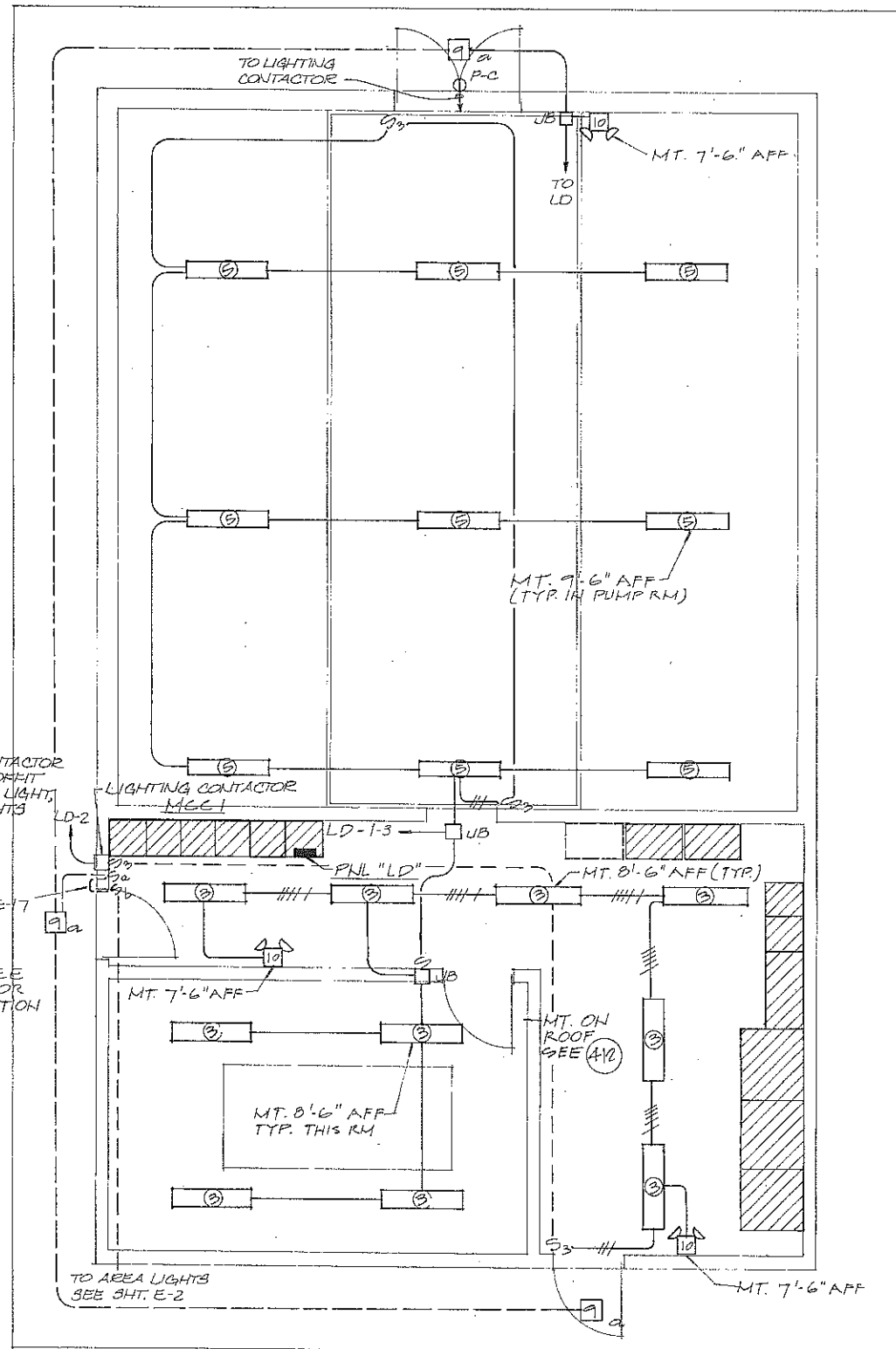
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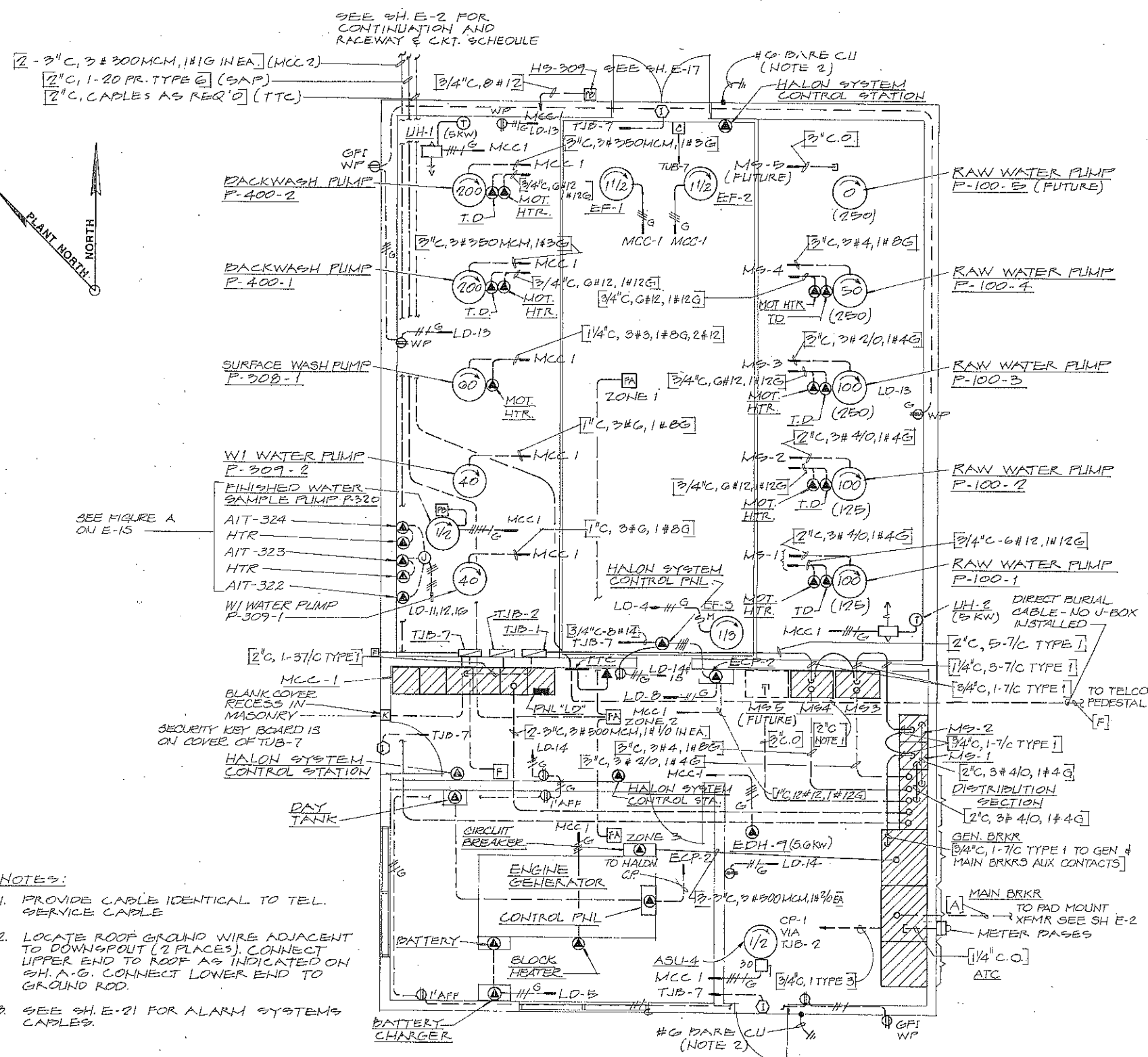
SKAGIT COUNTY P.U.D.  
SKAGIT WATER TREATMENT PLANT

**MAIN SWITCHBOARD & MCC 1 ONE LINE DIAGRAMS & ELEVATIONS**

SHEET	E-3
DWG NO.	159
DATE	JAN. 1988
PROJ. NO.	S21482.A1



**LIGHTING PLAN**  
1/4" = 1'-0"



**POWER PLAN**  
1/4" = 1'-0"

- NOTES:**
1. PROVIDE CABLE IDENTICAL TO TEL. SERVICE CABLE
  2. LOCATE ROOF GROUND WIRE ADJACENT TO DOWNGROUT (2 PLACES). CONNECT UPPER END TO ROOF AS INDICATED ON SH. A.G. CONNECT LOWER END TO GROUND ROD.
  3. SEE SH. E-21 FOR ALARM SYSTEMS CABLES.

**RECORD DRAWINGS**

Revisions Drawn by CMB Date 8/90

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DESIGN C.V. BRACKETT  
 DR R. RENDONREYDER  
 CHK C.V. BRACKETT  
 APVD N. VARD

NO.	DATE	REVISION	BY	APVD
	8/90	RECORD DRAWING	CMB	PM

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SKAGIT COUNTY P.U.D.  
 SKAGIT WATER TREATMENT PLANT

**PUMP STATION — POWER PLAN & LIGHTING PLAN**

SHEET E-14  
 DWG NO. 170  
 DATE JAN. 1988  
 PROJ NO. S21482.A1