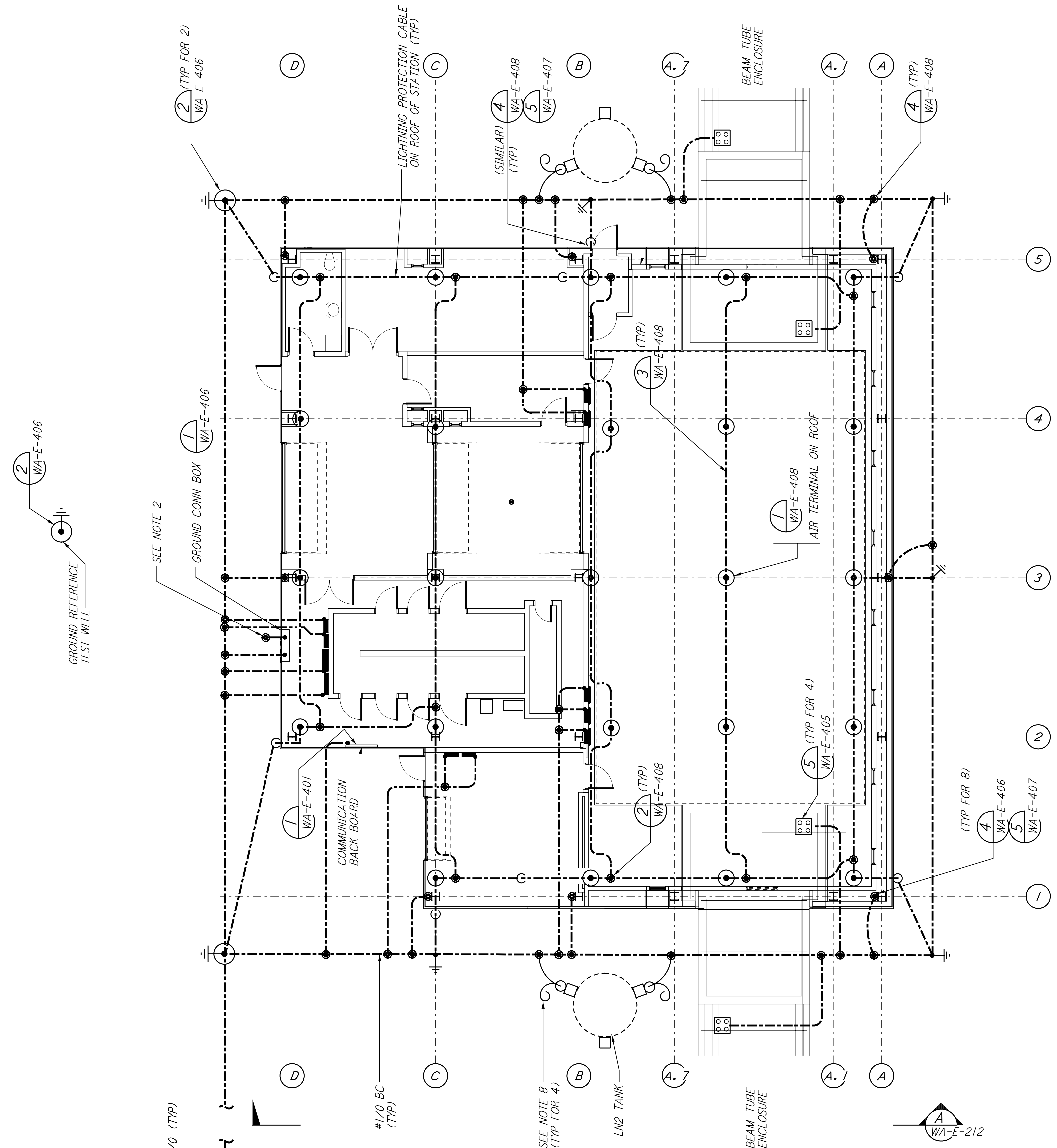
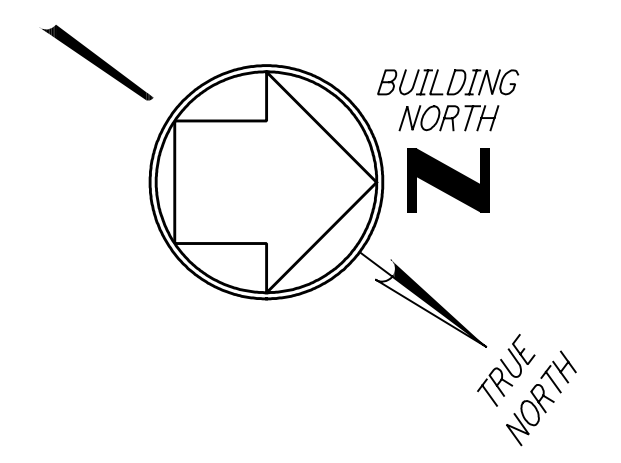


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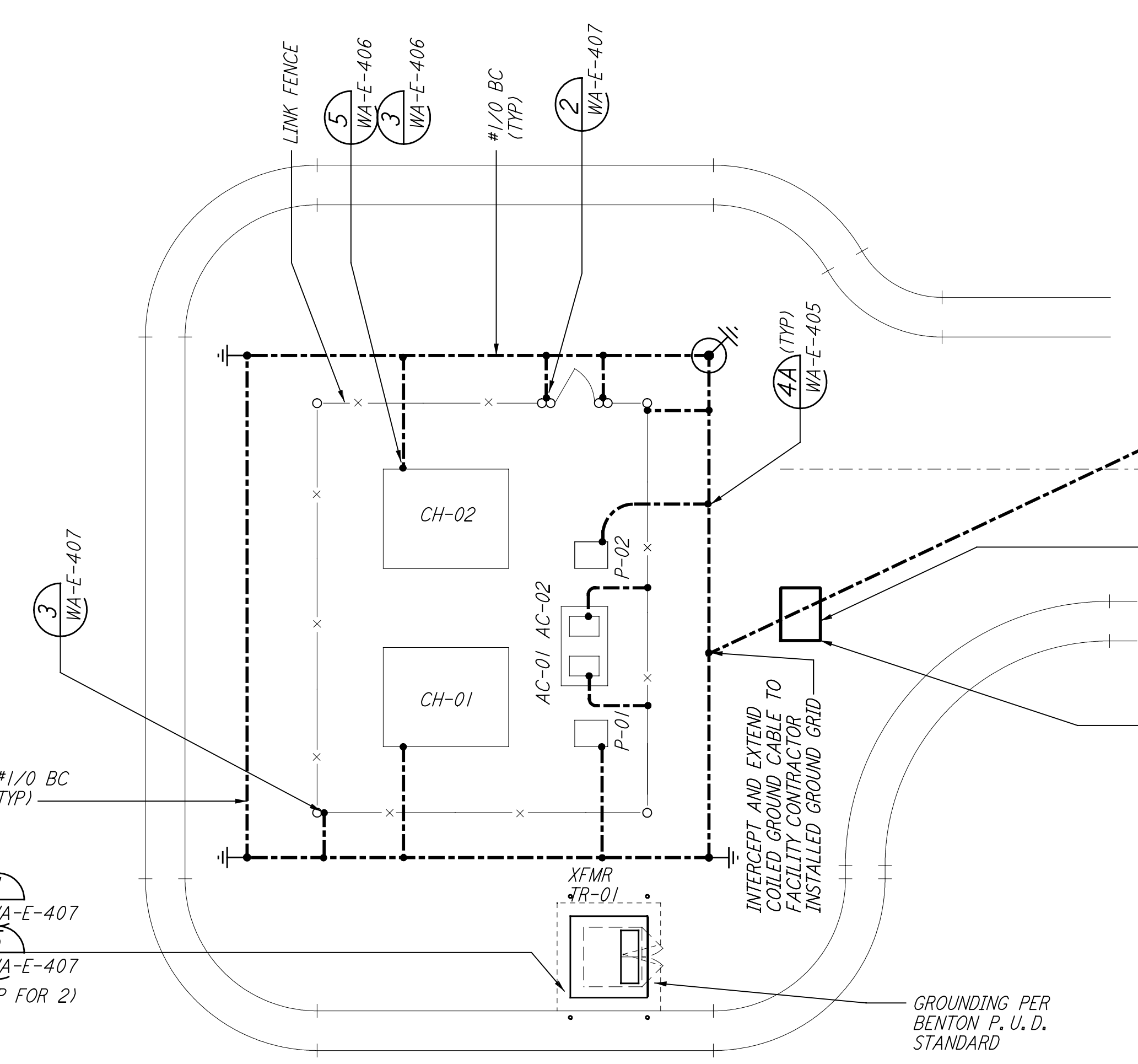
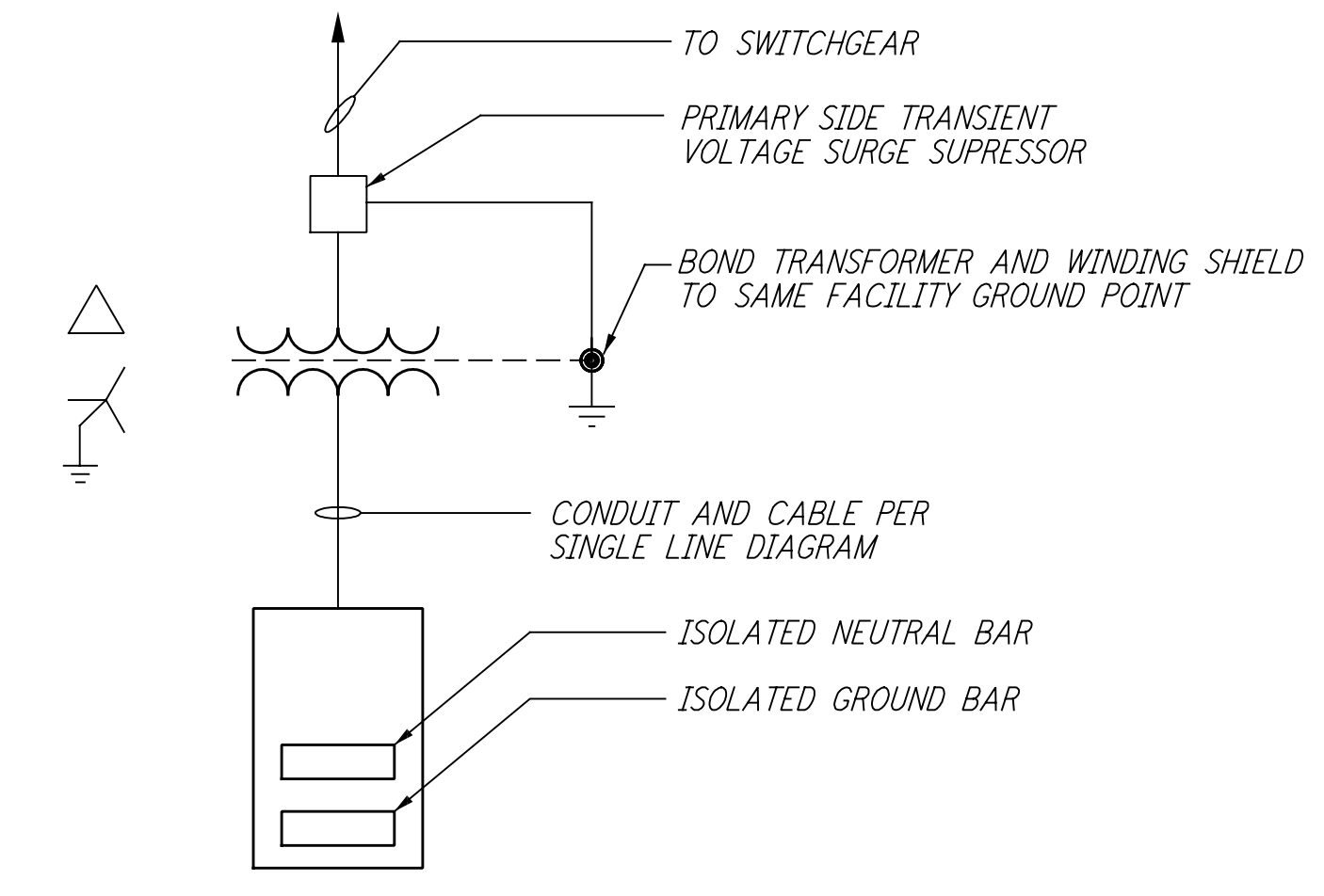
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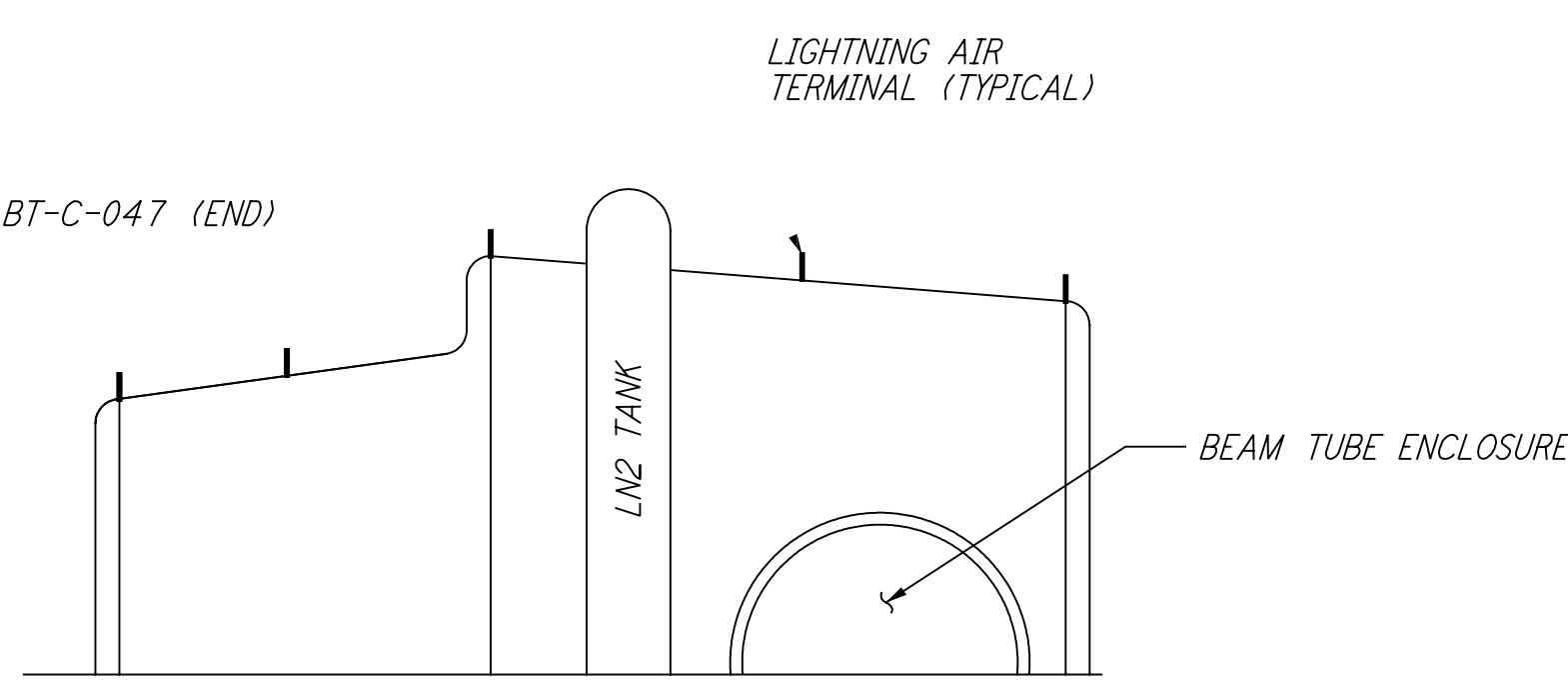
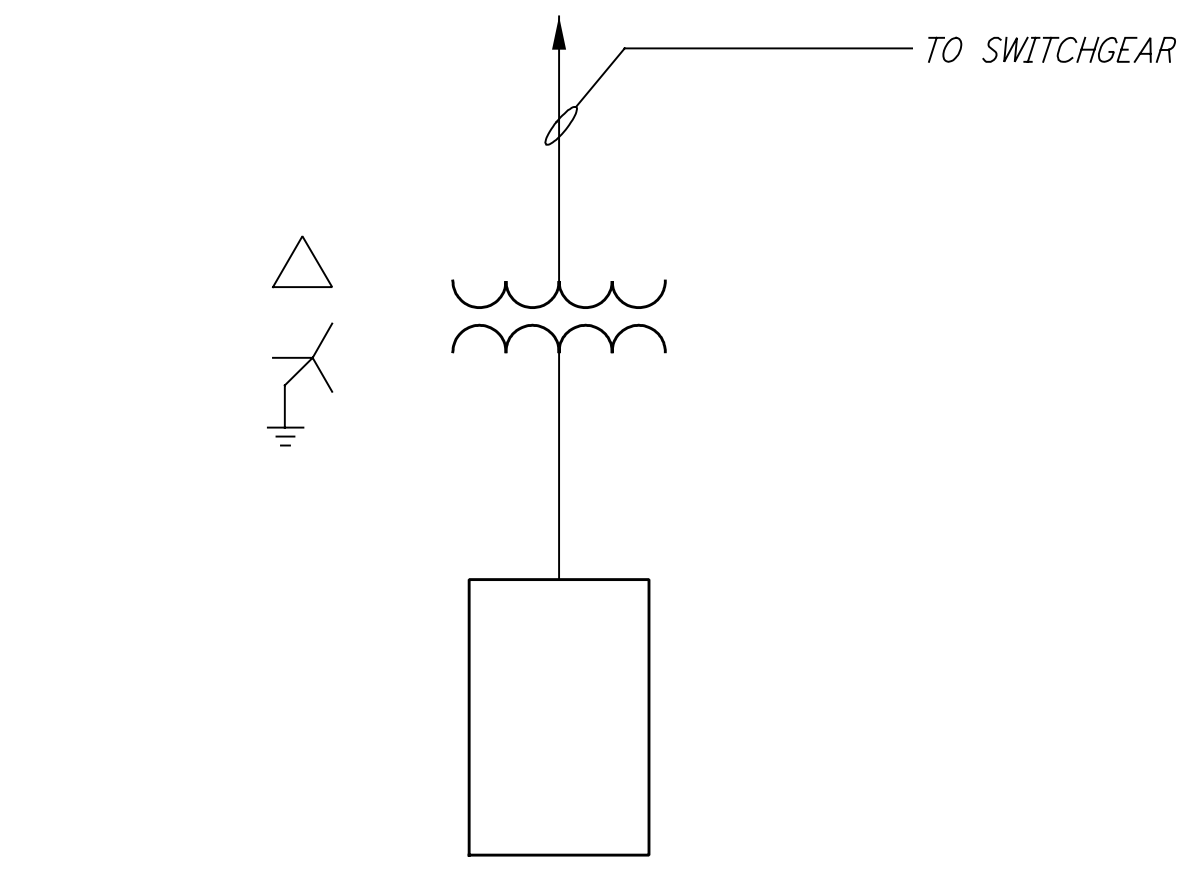
**NOTES:**

- FOR GENERAL NOTES SEE DWG. WA-E-103.
- CONNECT GROUNDING CONDUCTOR TO REBAR AT BOTTOM OF FOUNDATION. REBAR SHALL BE AT LEAST 20 FEET LONG AND 1/2" DIAMETER.
- GROUNDING MAT FOR PERSONNEL PROTECTION SHALL BE A PREFABRICATED 4'-0" X 6'-0" MAT WITH A 6" X 6" GRID, 40X CONDUCTIVITY COPPERWELD, WITH CENTER WIRE # 1/0 AWG, ERICO MFR. CABLE TO MESH TYPE PT, MOLD PTC-1G2C, WELD METAL #65.
- GROUNDING MAT SHALL BE INSTALLED 12" DEEP MIN. ADJACENT TO HIGH VOLTAGE PRIMARY SIDE.
- SEE CIVIL DRAWING WA-C-021 FOR ACTUAL LOCATION OF CHILLERS, PUMPS AND TRANSFORMER.
- SEE SPECIFICATION SECTION 16670 FOR LIGHTNING PROTECTION MATERIAL.
- GROUND CONNECTION TO STRUCTURAL STEEL SHALL BE EXOTHERMIC WELD TYPE, AND APPROPRIATE FOR THE CABLE AND STRUCTURAL STEEL.
- COIL AND TAPE GROUND CONDUCTOR AT TANK FOUNDATION, FOR FUTURE CONNECTION BY TANK VENDOR.

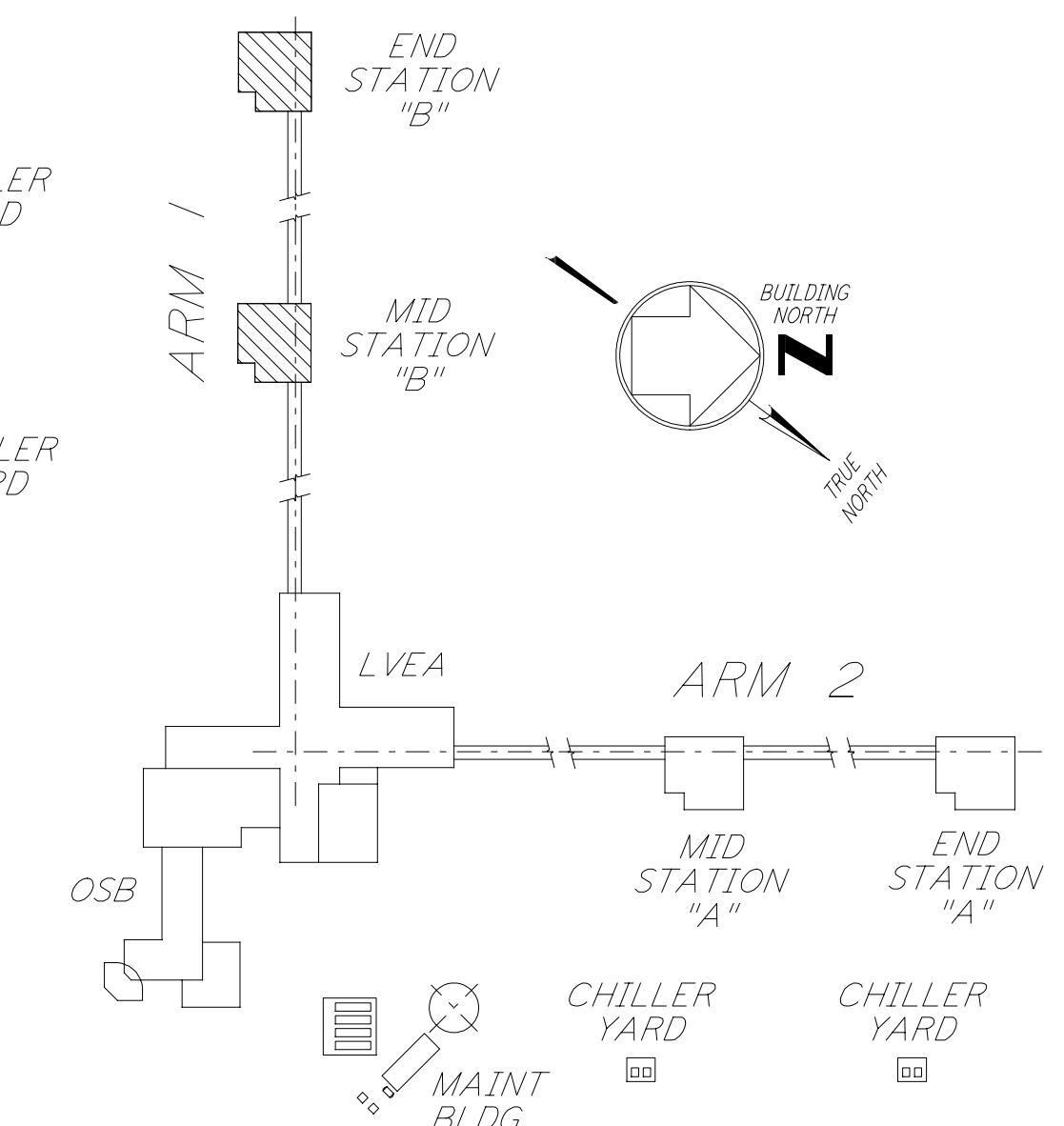
GROUNDING SCHEMATIC FOR CDSAC-01 PANEL



GROUNDING SCHEMATIC FOR RECEPTACLE PANEL RP-01



ELEVATION



KEY PLAN

LIGO-D960418-01-O

NO.	DATE	BY	CHKD	ENGR	PROJ	DESCRIPTION
1	6-15-98	J. G.				ISSUED FOR AS-BUILT

ISSUED FOR CONSTRUCTION		
DRAWN	M. M.	6-25-96
CHECKED	J. K.	7-3-96
ENGINEER	K. R.	7-3-96
PROJ	M. D. W.	7-8-96

**AS-BUILT DRAWINGS**

**PARSONS**  
 100 WEST WALNUT STREET  
 PASADENA, CALIFORNIA

**LIGO**  
 CALIFORNIA INSTITUTE OF TECHNOLOGY  
 MASSACHUSETTS INSTITUTE OF TECHNOLOGY

LASER INTERFEROMETER  
 GRAVITATIONAL-WAVE OBSERVATORY  
 SITE NO. 1 - HANFORD, WASHINGTON

TITLE	AS NOTED	PROJECT NUMBER
ELECTRICAL MID & END B STATIONS LIGHTNING & GROUNDING PLAN	PP150969	8094
SHEET NUMBER	REVISIONS	
<b>WA-E-212</b>		