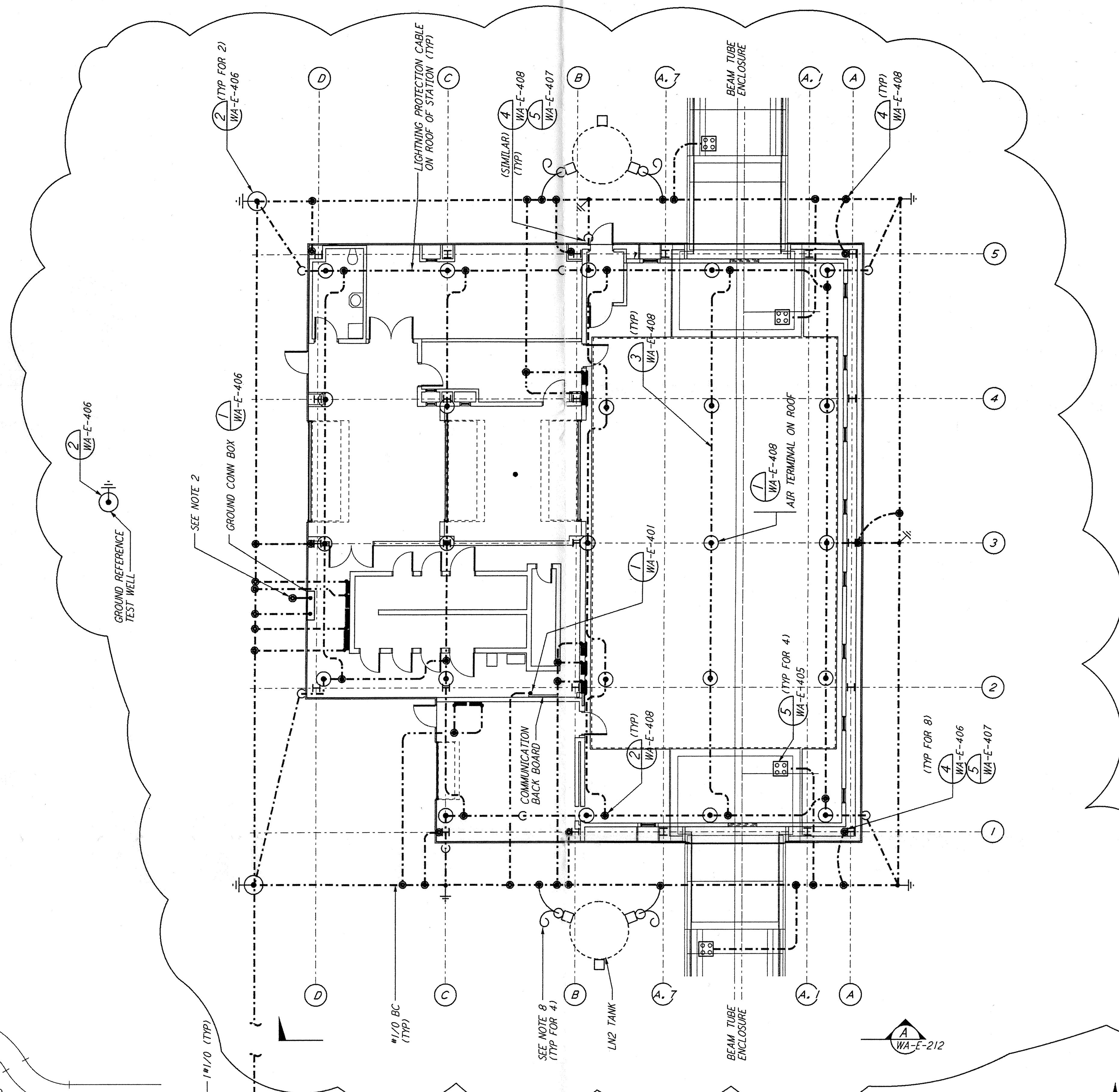
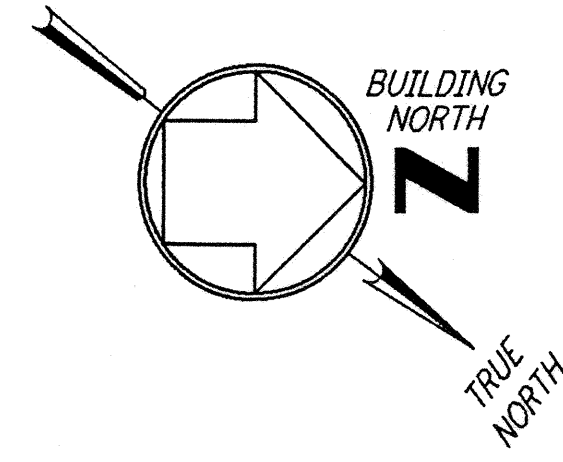
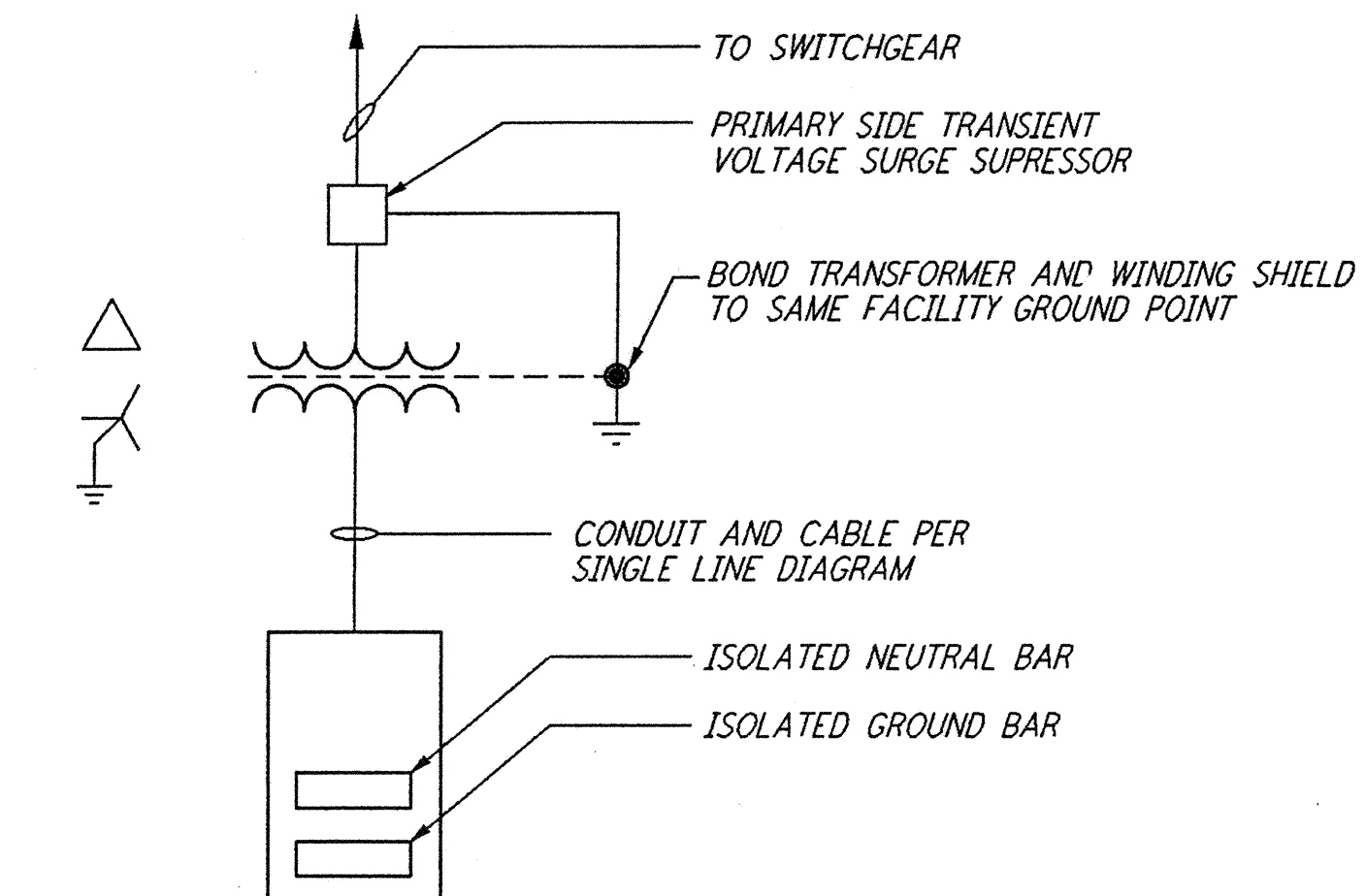


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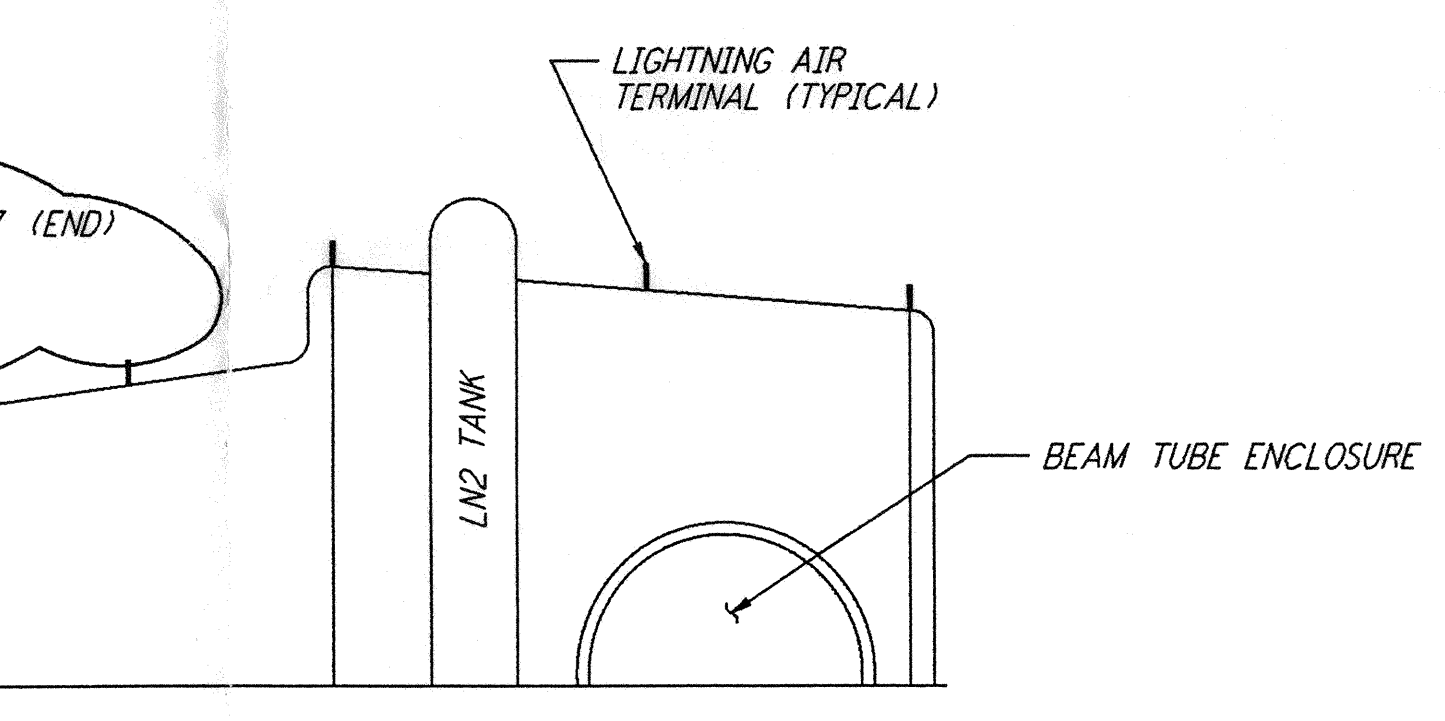
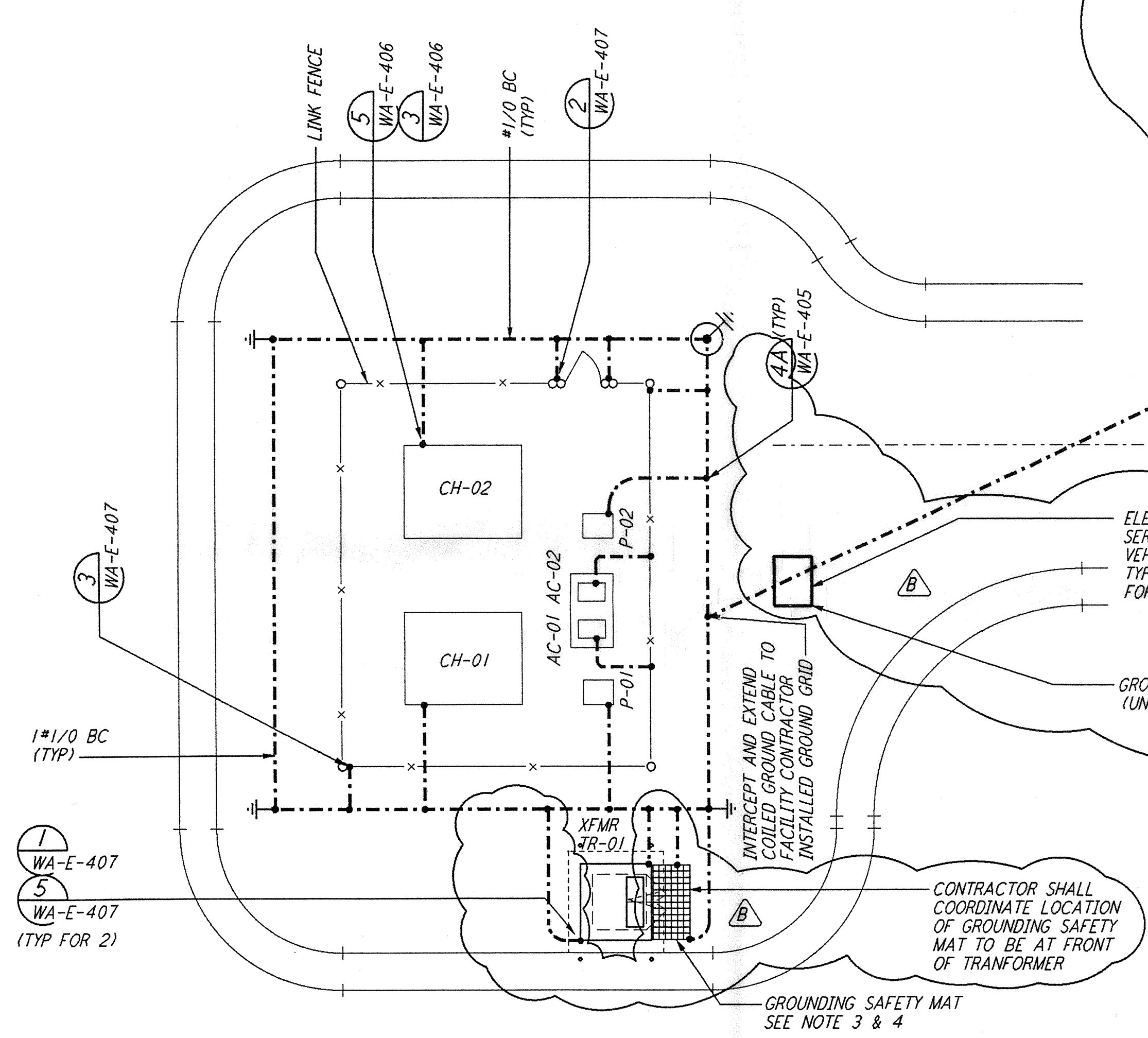


- NOTES:**
- FOR GENERAL NOTES SEE DWG. WA-E-103.
 - CONNECT GROUNDING CONDUCTOR TO REBAR AT BOTTOM OF FOUNDATION. REBAR SHALL BE AT LEAST 20 FEET LONG AND 1/2" DIAMETER.
 - GROUNDING MAT FOR PERSONNEL PROTECTION SHALL BE A PREFABRICATED 4'-0" X 6'-0" MAT WITH A 6" X 6" GRID, 40X CONDUCTIVITY COPPERWELD, 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.
 - THE WORK MARKED BY HAND ON THIS DRAWING IN REVISION "A" DATED 4-15-96 HAS BEEN RESTORED TO THIS CONTRACT.

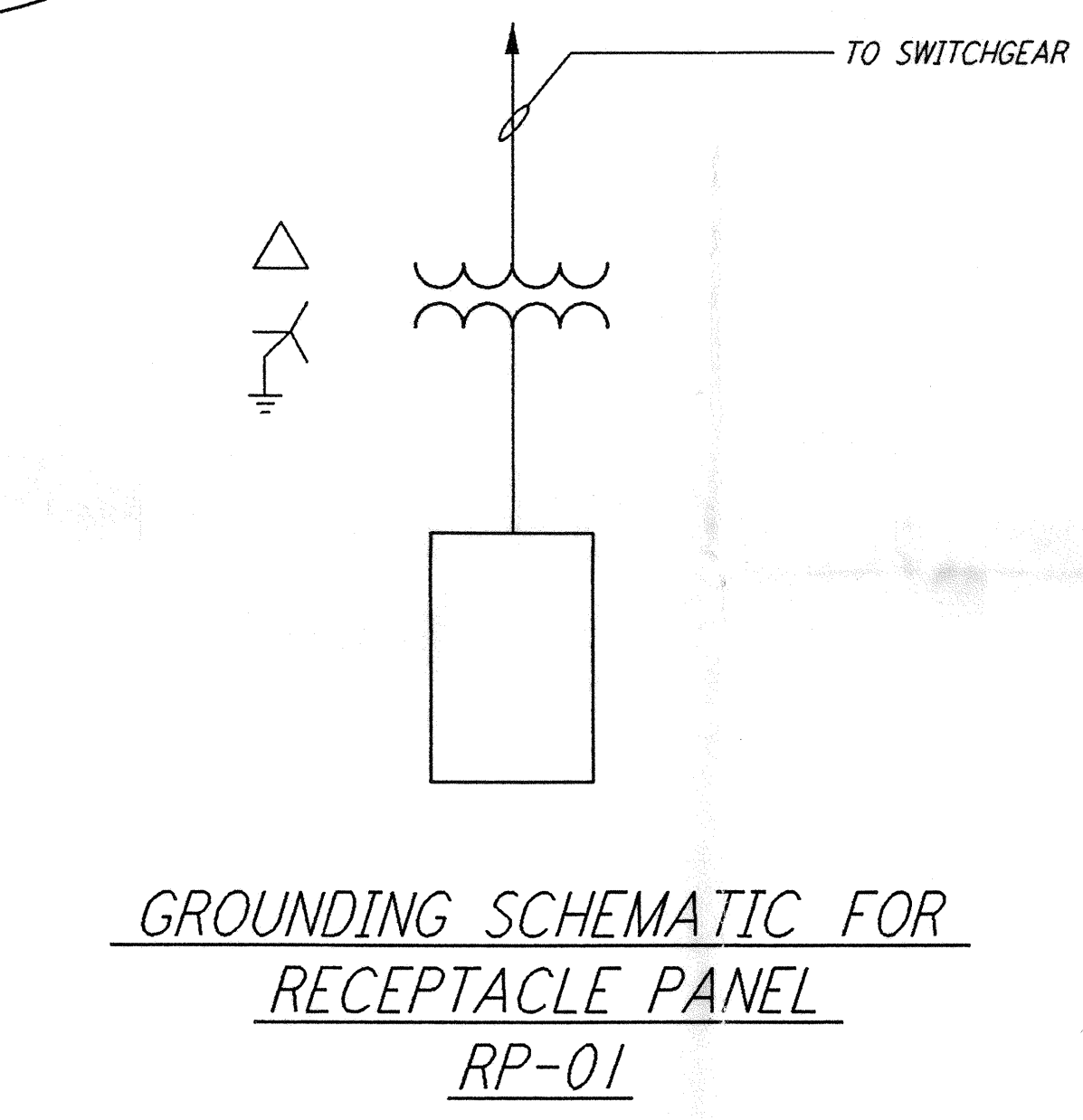


GROUNDING SCHEMATIC FOR CDSAC-01 PANEL

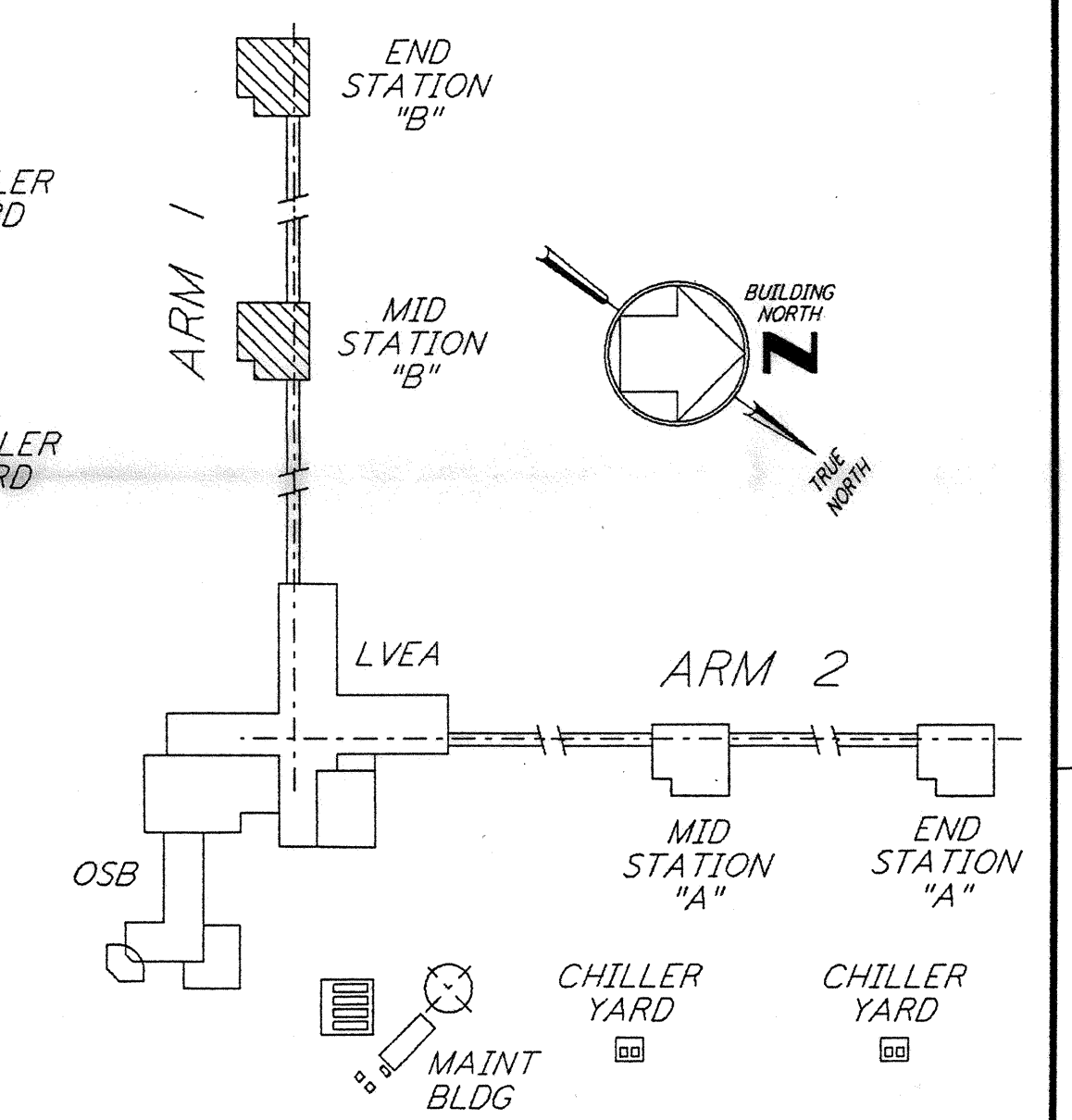
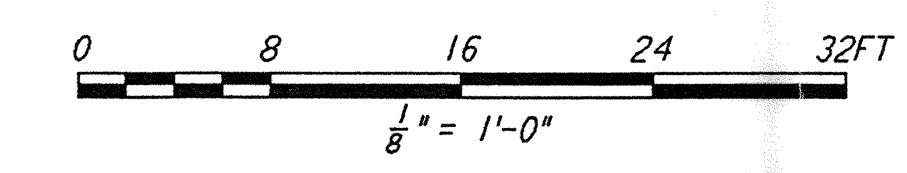
SEE NOTE 9.



ELEVATION REF WA-E-212



GROUNDING SCHEMATIC FOR RECEPTACLE PANEL RP-01



KEY PLAN

LIGO-D960418-B-0

NO.	DATE	BY	CHKD	ENGR	PROJ	DESCRIPTION
B	5-22-96	RAC	JMM	JKS	SDM	BID ADDENDUM #2
A	4-19-96				TDM	FINAL DESIGN REVIEW & BID

DRAWN	M. M.
CHECKED	
ENGINEER	
PROJ	

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 PASADENA, CALIFORNIA

LIGO
 CALIFORNIA INSTITUTE OF TECHNOLOGY
 MASSACHUSETTS INSTITUTE OF TECHNOLOGY

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

TITLE	SCALE	CONTRACT NUMBER	PROJECT NUMBER
ELECTRICAL MID & END B STATIONS LIGHTNING & GROUNDING PLAN	AS NOTED	PP150969	8094
SHEET NUMBER	REVISIONS		
WA-E-212	B		