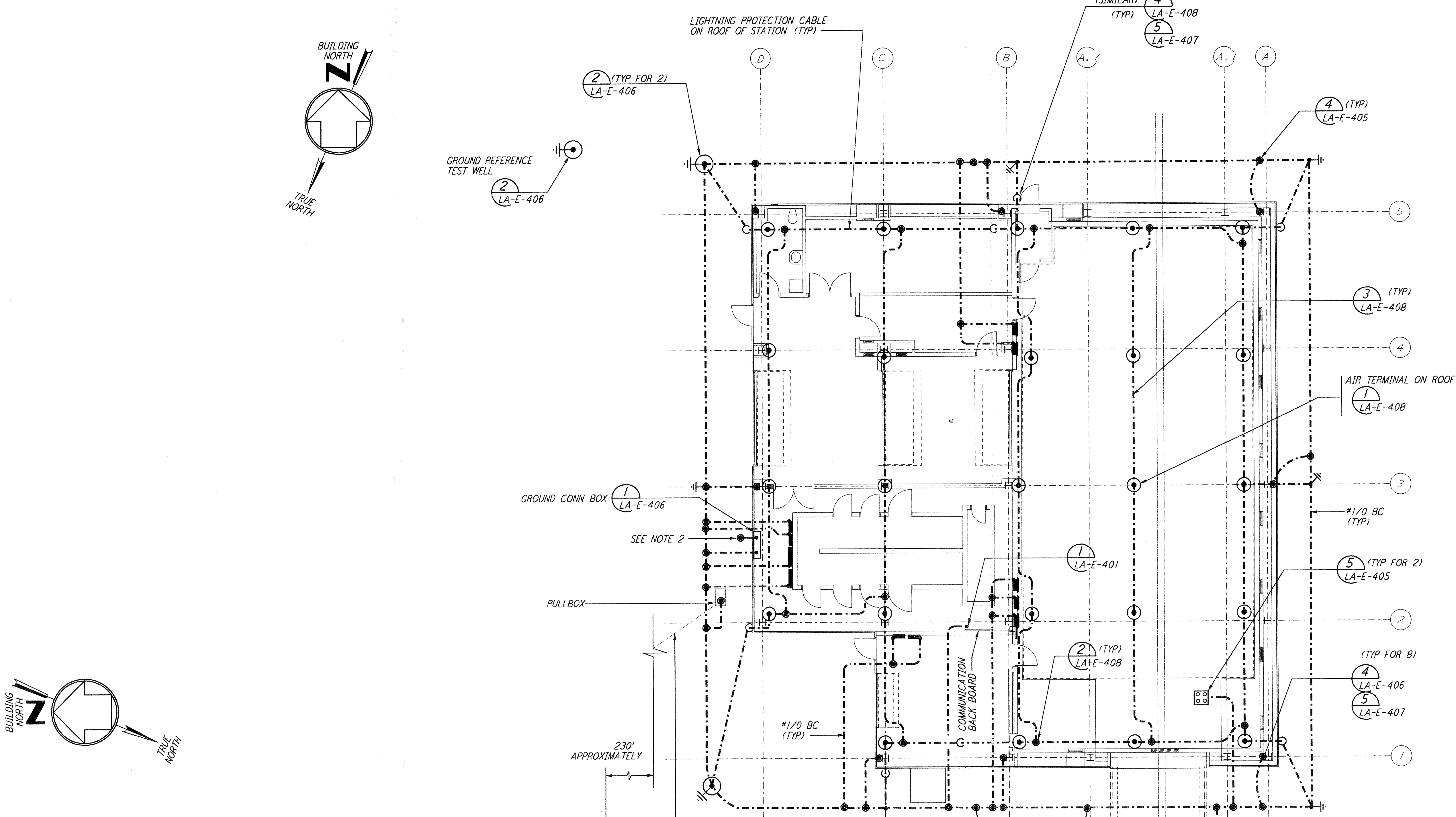
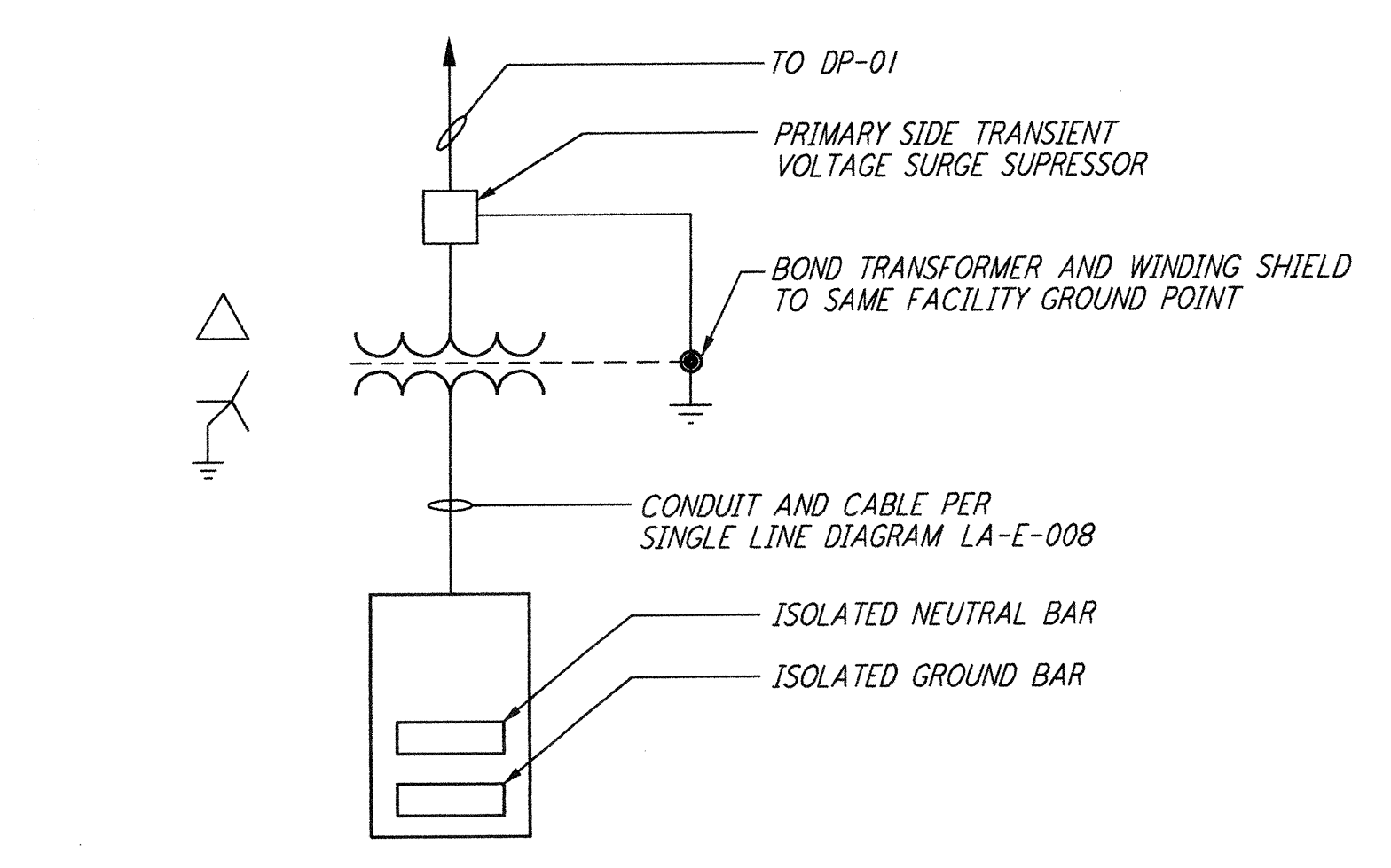


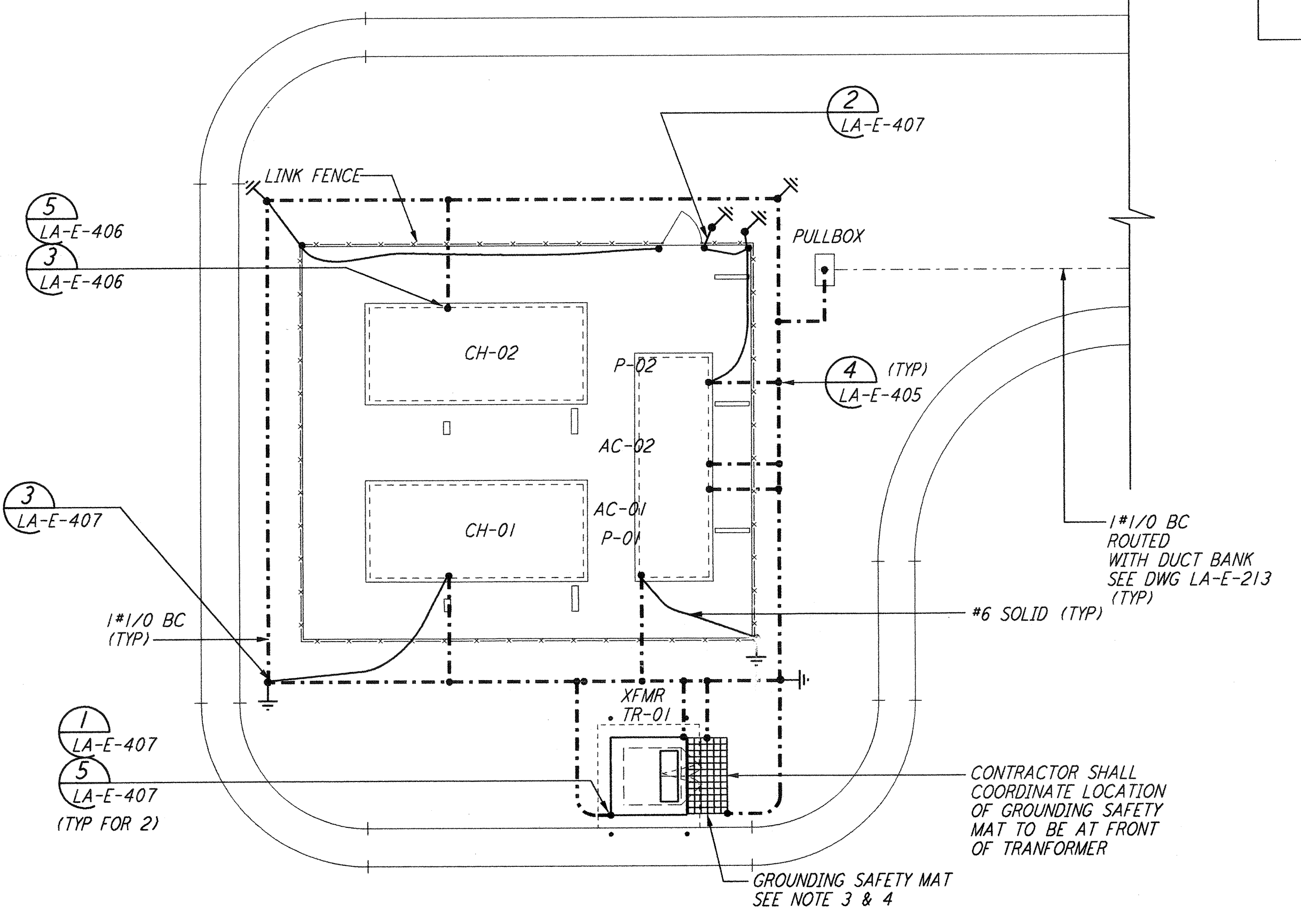
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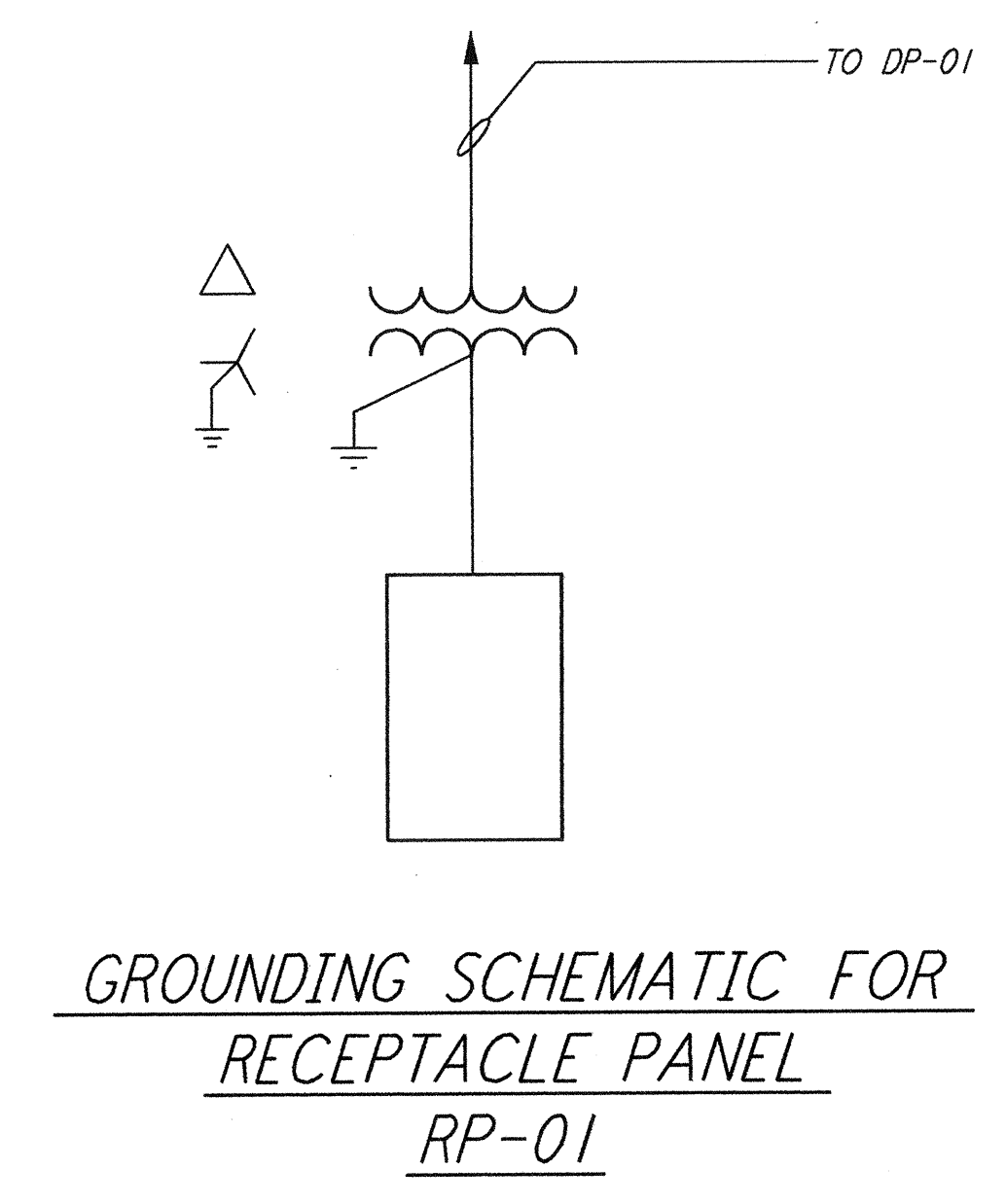
- NOTES:**
- FOR GENERAL NOTES SEE DWG. LA-E-103.
  - CONNECT GROUNDING CONDUCTOR TO REBAR (BY OTHERS) AT BOTTOM OF FOUNDATION. REBAR SHALL BE AT LEAST 20 FEET LONG.
  - GROUNDING MAT FOR PERSONNEL PROTECTION SHALL BE A PREFABRICATED 4'-0" X 6'-0" MAT WITH A 6" X 6" GRID, 40% CONDUCTIVITY COPPERWELD, 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 LA-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.



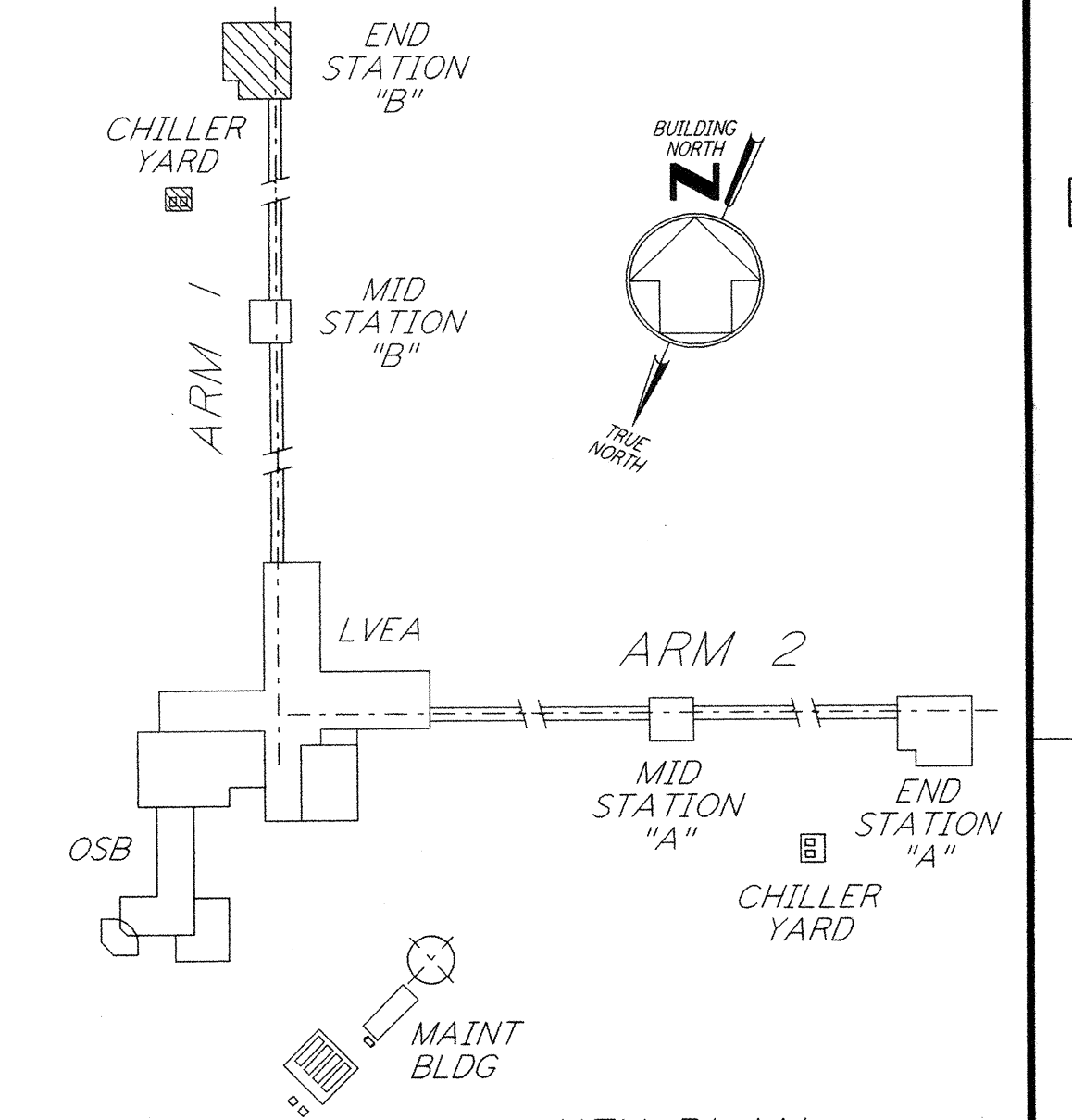
GROUNDING SCHEMATIC FOR CDSAC-01 PANEL



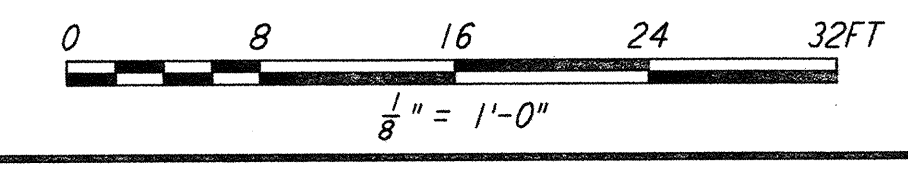
GROUNDING CHILLER PLAN



GROUNDING SCHEMATIC FOR RECEPTACLE PANEL RP-01



KEY PLAN



LIGO-D961033-02-0

NO.	DATE	BY	CHKD	ENGR	PROJ	DESCRIPTION
2	5-21-99	AO	JL	MDW		ISSUED AS REVISED AS-BUILT
1	8-7-98	JE	AK	AG		ISSUED FOR AS-BUILT

ISSUED FOR CONSTRUCTION			
DRAWN	M. M.	11-15-96	
CHECKED	JCL	7-24-96	
ENGINEER	KCR	10-25-96	
PROJ	T. D. M.	11-15-96	
<b>AS-BUILT DRAWINGS</b>			

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 MASSACHUSETTS INSTITUTE OF TECHNOLOGY

LASER INTERFEROMETER  
 GRAVITATIONAL-WAVE OBSERVATORY  
 SITE NO.2 - LIVINGSTON, LOUISIANA

TITLE	SCALE	CONTRACT NUMBER	PROJECT NUMBER
ELECTRICAL END STATION B LIGHTNING & GROUNDING PLAN	AS NOTED	PP150969	8094
SHEET NUMBER		REVISIONS	
<b>LA-E-212</b>			