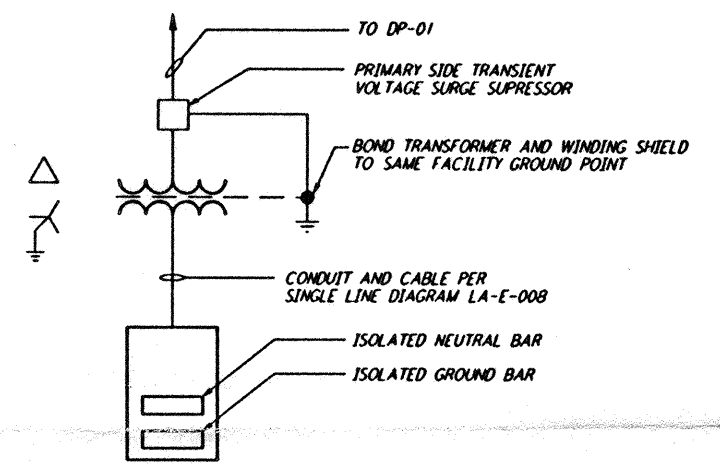
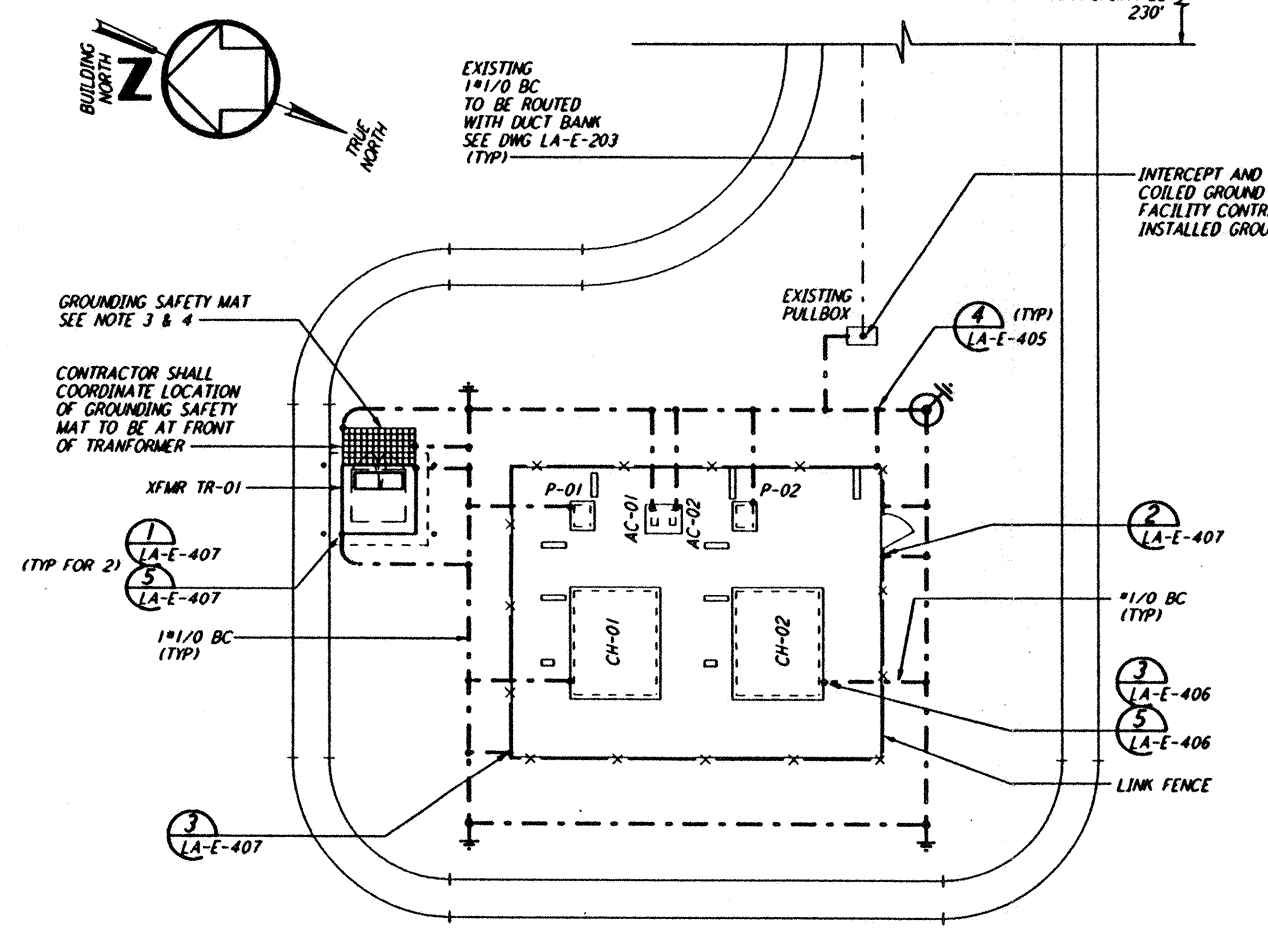


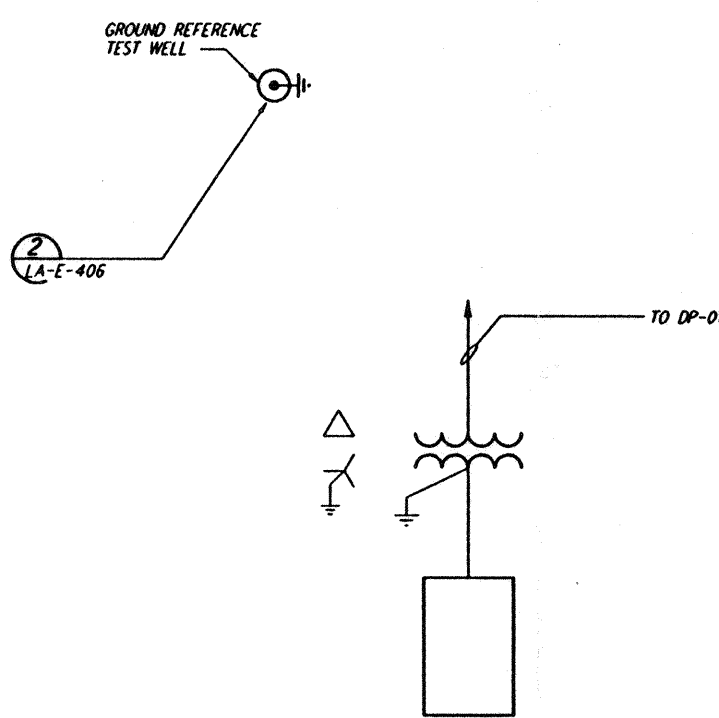
- NOTES:**
- FOR GENERAL NOTES SEE DWG. LA-E-103.
 - CONNECT GROUNDING CONDUCTOR TO REBAR (BY OTHERS) AT BOTTOM OF FOUNDATION. REBAR SHALL BE AT LEAST 20 FEET LONG.
 - GROUNDING MAT FOR PERSONNEL PROTECTION SHALL BE A PREFABRICATED 4'-0" X 6'-0" MAT WITH A 6" X 6" GRID, 40% CONDUCTIVITY COPPERWELD, WITH CENTER WIRE # 1/0 AWG, ERICO MFR. CABLE TO MESH TYPE PT, MOLD PTC-102C, 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.



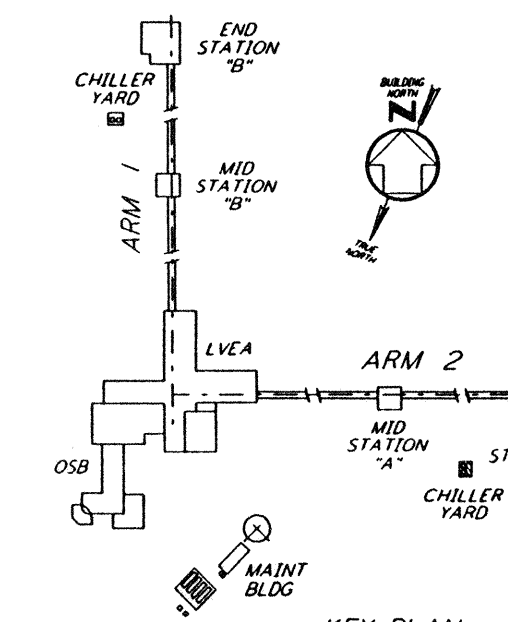
GROUNDING SCHEMATIC FOR CDSAC-01 PANEL



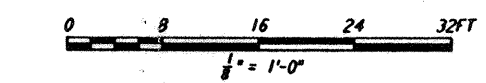
GROUNDING CHILLER PLAN



GROUNDING SCHEMATIC FOR RECEPTACLE PANEL RP-01



KEY PLAN



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NO.	DATE	BY	CHKD	ENGR	PROJ	DESCRIPTION
C	7-24-96	MM	JCL			ISSUED FOR BID
B	6-14-96	MM	JCL	RR	TDM	FINAL DESIGN REVIEW
A	10-31-95				TDM	PRELIMINARY DESIGN REVIEW

DRAWN	M. M.
CHECKED	
ENGINEER	
PROJ	

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

TITLE	SCALE	CONTRACT NUMBER	PROJECT NUMBER
ELECTRICAL END STATION A LIGHTNING & GROUNDING PLAN	AS NOTED	PP150969	8094
DRAWING NO. LA-E-202			

Tue Jul 23 18:19:56 1996 S3-V18B2 J:\PLOTS\QUEUES\V18B2\EE202.PRF