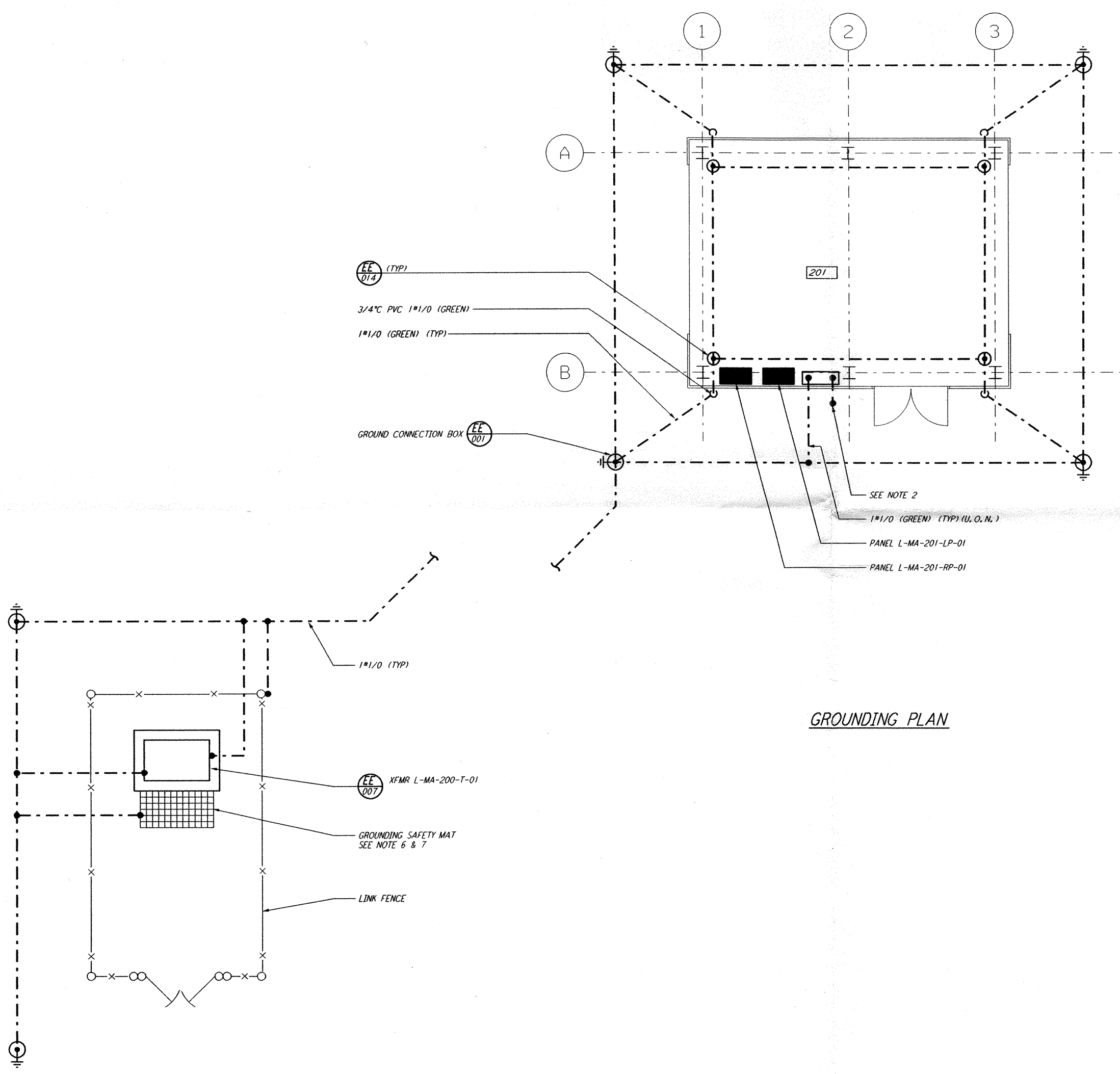


GENERAL NOTES:

1. FOR STANDARD SYMBOLS, ABBREVIATIONS AND ACRONYMS SEE DWG. WA-E-001.
2. FOR ELECTRICAL SYMBOLS SEE DWG. WA-E-002.
3. FOR STANDARD INSTALLATION DETAILS SEE DWG. WA-E-406 AND WA-E-407.
4. FOR CABLE SCHEDULE SEE DWG. WA-E-007.
5. ALL RUNS ARE SHOWN DIAGRAMMATICALLY ONLY, CONTRACTOR SHALL COORDINATE WITH OTHER DISCIPLINES TO AVOID CONFLICT.
6. FOR PANEL SCHEDULE, SEE DWG. WA-E-XXX.
7. FOR EQUIPMENT EXACT LOCATION, SEE MECHANICAL DWG. WA-E-XXX.

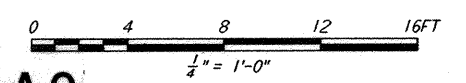
NOTES:

1. FOR GENERAL NOTES SEE DWG. WA-E-103.
2. CONNECT GROUNDING CONDUCTOR TO FOUNDATION BAR AT BOTTOM. BAR SHALL BE AT LEAST 20 FT LONG, 1/2" DIAMETER.
3. ALL GROUND WIRES ROUTED ABOVE GRADE SHALL BE IN PVC CONDUIT OR NON-METALLIC LIQUID-TIGHT FLEXIBLE CONDUIT.
4. ALL METAL PARTS SUPPORTING AIR HANDLING UNITS SHALL BE GROUNDED WITH 1/2" (GREEN) IN PVC CONDUIT, CONNECT TO GROUNDING PLATES. METAL-TO-METAL PARTS SHALL BE BONDED WITH 1/2" (GREEN) STRANDED SOFT DRAWN CU. WIRE.
5. TRANSFORMER GROUNDING IS LOW RESISTANCE TYPE-CONNECT GROUND WIRE TO NEUTRAL AND CASE.
6. GROUNDING MAT FOR PERSONNEL PROTECTION SHALL BE PREFABRICATED 4' X 6', SIZE 6" X 6" APART, WIRE NO. 6 AWG, 40% CONDUCTIVITY COPPERWELD, WITH CENTER WIRE # 1/0 AWG, ERICO MFR. CABLE TO MESH TYPE PT, MOLD PTC-1G2C, WELD METAL #65
7. GROUNDING MAT SHALL BE INSTALLED 12" DEEP MIN. ADJACENT TO HIGH VOLTAGE PRIMARY SIDE.
8. CONSULT CIVIL DWG. FOR ACTUAL LOCATIONS OF CHILLERS TRANSFORMERS.



GROUNDING PLAN

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NO.	DATE	APRD BY	DESCRIPTION OF REVISION	NO.	DATE	APRD BY	ISSUED FOR		

DATE	10-31-95
DRAWN	J.G.
CHECKED	
ENGINEER	
PROJ MGR	

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

TITLE	SCALE	CONTRACT NUMBER	PROJECT NUMBER
ELECTRICAL MID STATION GROUNDING AND LIGHTNING PROT. PLAN	AS NOTED	PP150969	8094
SHEET NUMBER		REVISION	
LA-E-202		A	

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