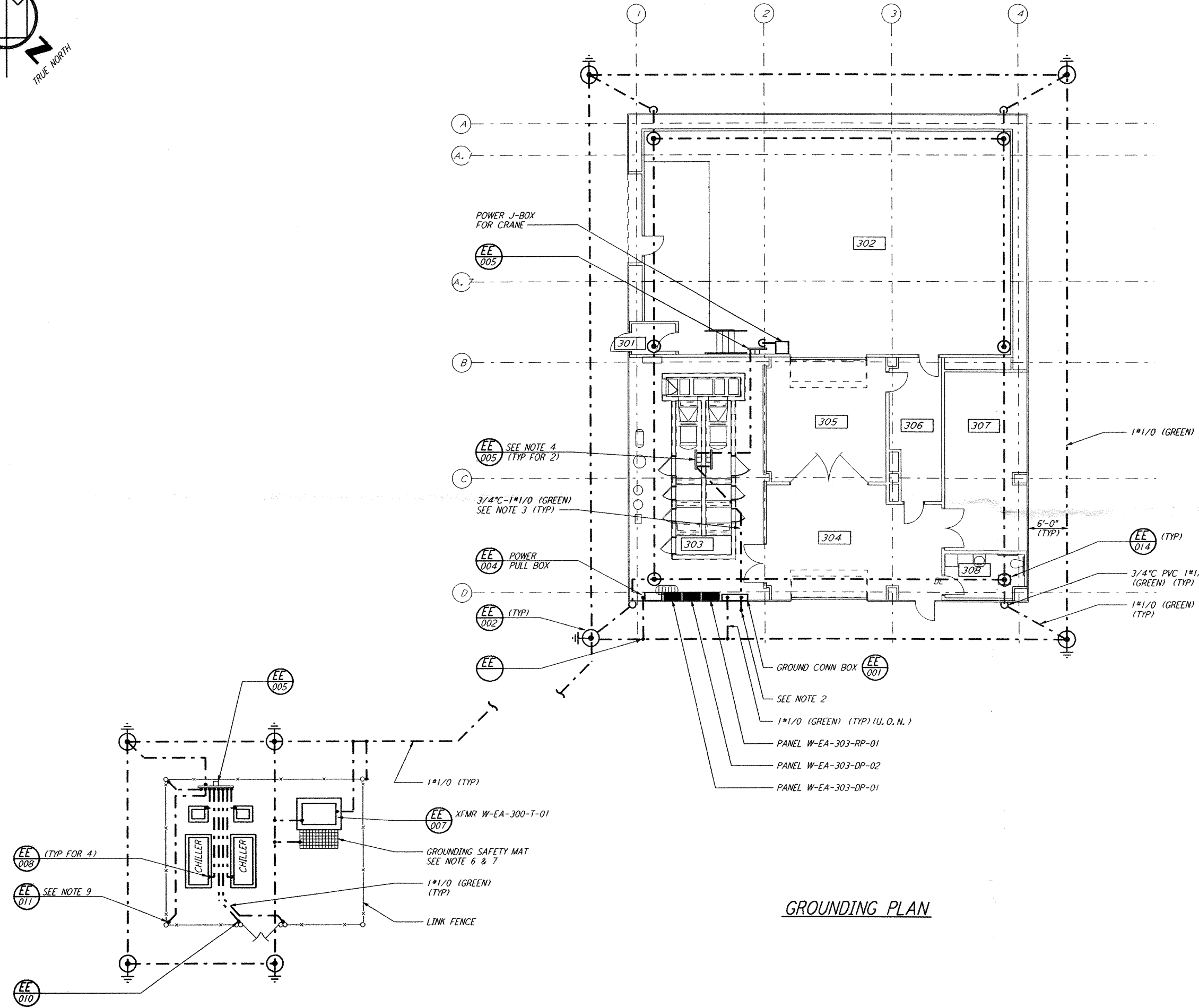
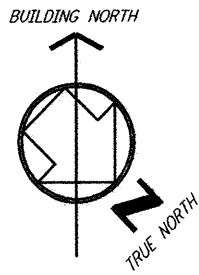


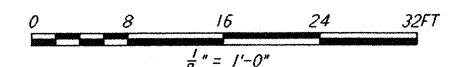
NOTES:

- FOR GENERAL NOTES SEE DWG. WA-E-103.
- CONNECT GROUNDING CONDUCTOR TO FOUNDATION BAR AT BOTTOM. BAR SHALL BE AT LEAST 20 FT LONG, $\frac{3}{8}$ " DIAMETER.
- ALL GROUND WIRES ROUTED ABOVE GRADE SHALL BE IN PVC CONDUIT OR NON-METALLIC LIQUID-TIGHT FLEXIBLE CONDUIT.
- ALL METAL PARTS SUPPORTING AIR HANDLING UNITS SHALL BE GROUNDED WITH 1#1/0 (GREEN) IN PVC CONDUIT, CONNECT TO GROUNDING PLATES. METAL-TO-METAL PARTS SHALL BE BONDED WITH 1#1/0 (GREEN) STRANDED SOFT DRAWN CU. WIRE.
- TRANSFORMER GROUNDING IS LOW RESISTANCE TYPE. CONNECT GROUND CONDUCTOR TO NEUTRAL AND CASE.
- 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.
- GROUNDING MAT SHALL BE INSTALLED 12" DEEP MIN. ADJACENT TO HIGH VOLTAGE PRIMARY SIDE.
- CONSULT CIVIL DWG. FOR ACTUAL LOCATIONS OF CHILLERS TRANSFORMERS.
- EVERY OTHER POST SHALL BE GROUNDED TO GROUNDING PLATE. CONTRACTOR SHALL FURNISH ADDITIONAL GROUNDING PLATE AS DEEMED NECESSARY.



GROUNDING PLAN

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DATE	10-31-95
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ELECTRICAL END STATION GROUNDING AND LIGHTNING PROT. PLAN

AS NOTED PP150969 8094
WA-E-302

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