

GENERAL NOTES:

- FOR SYMBOLS, ABBREVIATIONS AND ACRONYMS SEE DWG. WA-E-001.
- FOR PLAN SYMBOLS SEE DWG. WA-E-002.
- FOR GROUNDING STANDARD INSTALLATION DETAILS SEE DWG. WA-E-406, WA-E-407, AND WA-E-408.
- PANELBOARDS SHOWN FOR REFERENCE ONLY.

GENERAL NOTES (LIGHTNING PROTECTION)

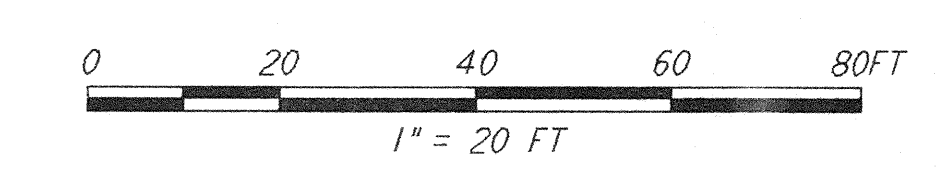
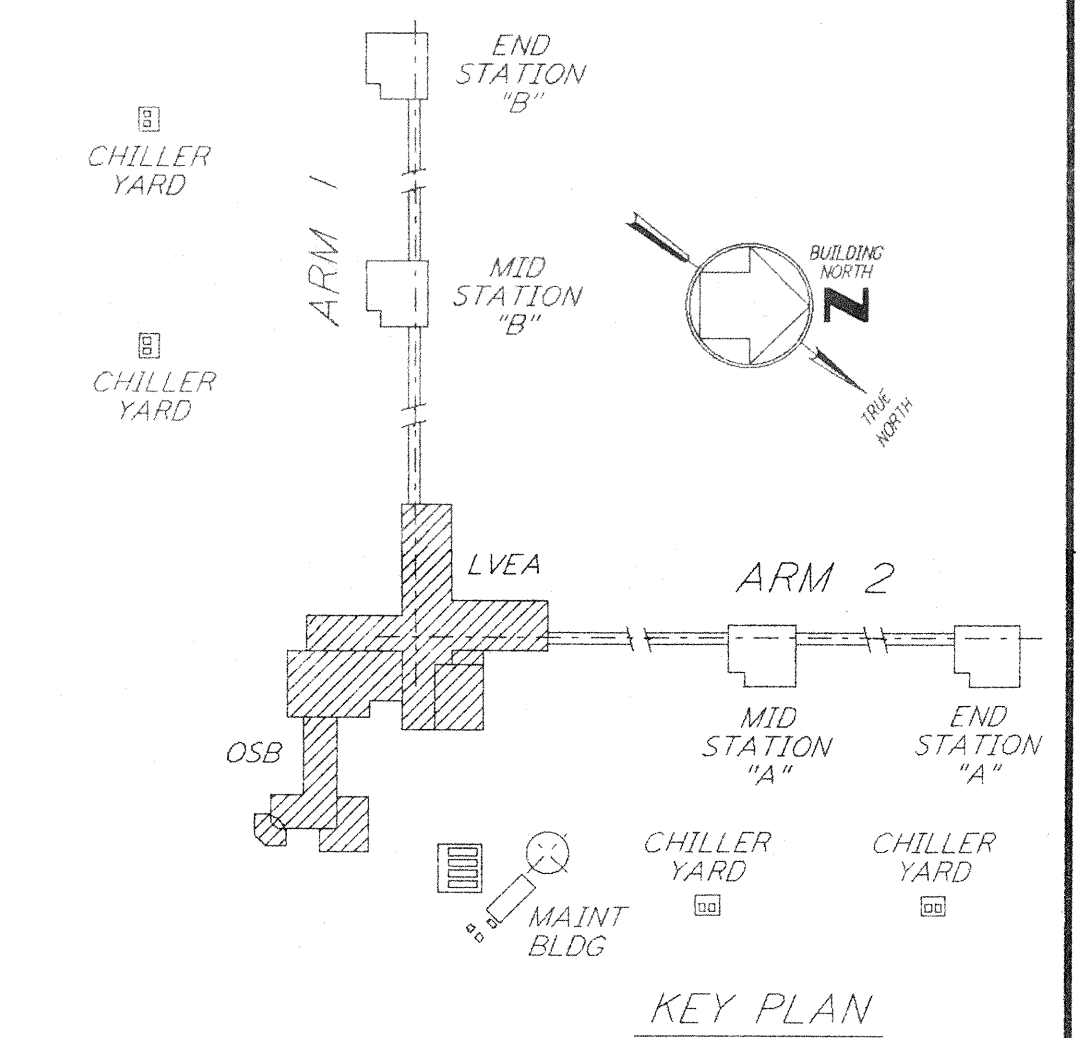
- INSTALLATION SHALL COMPLY IN ALL RESPECTS WITH LIGHTNING PROTECTION INSTITUTE (LPI) CODE 175 AS REQUIRED PER NFPA 780.
- FOR LIGHTNING PROTECTION INSTALLATION DETAILS, SEE DWG WA-E-408.
 BLDG. METAL WITH CORRUGATED SIDING, ROOF FINISH MODIFIED BITUMEN.
 GABLE. ROOF (CENTERED RIDGE) LESS THAN 75'H. LOWER ROOF PROTECTION FOR 50' OR LESS (NFPA 780-10)
- LOCATE AIR TERMINALS AS SHOWN.
- SUPPORT ALL EXPOSED ROOF, DOWNLEAD AND BONDING CABLE AT 4'-0" ON CENTER MAXIMUM. SEE DETAIL 17 ON WA-E-408.
- ALL MATERIALS SHALL BE U.L. APPROVED WITH "A" LABELS ON CONDUCTORS AT 10'-0" INTERVALS AND "B" LABELS ON ALL AIR TERMINALS.
- UNLESS OTHERWISE INDICATED ALL MATERIALS SHOWN HEREIN SHALL BE BY THOMPSON LIGHTNING PROTECTION INC. MFR. OR EQUAL.
- LIGHTNING PROTECTION SHALL BE PER SPECIFICATION SECTION 16670 DRAWING PRESENTATION IS FOR UNDERSTANDING ONLY.

NOTES:

- CONNECT GROUNDING CONDUCTOR TO REBAR AT BOTTOM OF FOUNDATION. REBAR SHALL BE AT LEAST 20 FEET LONG AND 1/2" DIAMETER.
- PEDESTALS AT RAISED FLOOR ROOMS SHALL BE GROUNDED; MINIMUM 10X OF ALL THROUGHOUT ENTIRE RAISED FLOOR.
- ALL METAL PARTS SUPPORTING AIR HANDLING UNITS SHALL BE GROUNDED WITH #1/0 (GREEN) IN PVC CONDUIT. CONNECT TO GROUNDING PLATES. METAL-TO-METAL PARTS SHALL BE BONDED WITH #1/0 (GREEN) STRANDED SOFT DRAWN CU. WIRE.
- TRANSFORMER GROUNDING IS LOW RESISTANCE TYPE CONNECT GROUND CONDUCTOR TO NEUTRAL AND CASE.
- GROUND BOND CABLE BETWEEN TRANSFORMER NEUTRAL TERMINAL AND GROUND COUNTERPOISE SHALL BE DIRECT AND AS SHORT AS POSSIBLE.
- CONNECT ISOLATED GROUND BAR TO CDSAC TRANSFORMER NEUTRAL WITH ISOLATED #1/0 COPPER CABLE.

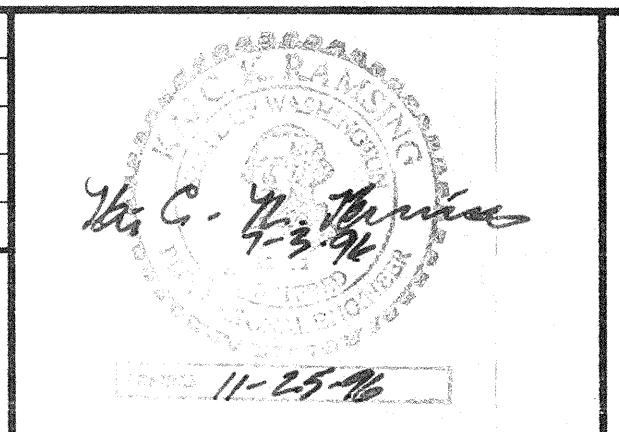
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LASER INTERFEROMETER
 GRAVITATIONAL-WAVE OBSERVATORY
 SITE NO. 1 - HANFORD, WASHINGTON

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