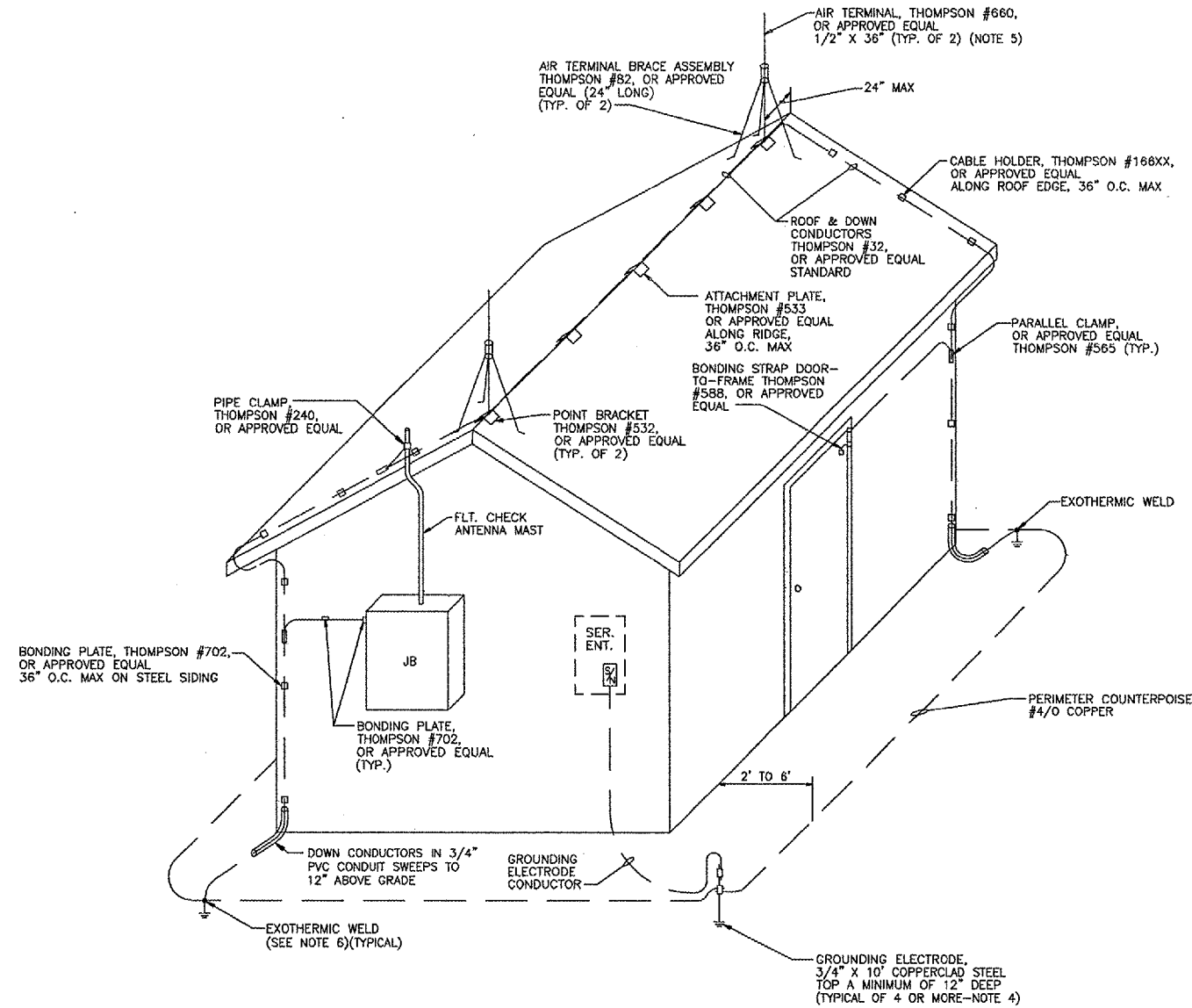
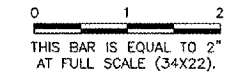


REVISIONS

NUMBER	BY	DATE



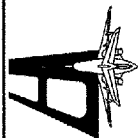
NOTES:

- ALL CLAMPS AND BONDING DEVICES SHALL BE BRONZE, ALL CABLES AND STRAPS SHALL BE COPPER, AND ALL BOLTS, SCREWS, & FASTENING HARDWARE SHALL BE BRONZE OR BRASS UNLESS OTHERWISE SHOWN.
- BOND ENVIRONMENTAL CONTROL UNIT, FLT. CHECK ANT. MAST, DOOR FRAME, JUNCTION BOXES, & ANY MISC. EXTERIOR METAL OBJECTS TO DOWN CONDUCTORS WITH MIN. #6 BARE - THOMPSON #14X OR #509X, OR APPROVED EQUAL.
- NO CONDUCTOR SHALL BE BENT TO LESS THAN AN 8" RADIUS NOR SHALL BE BENT TO LESS THAN A 90° INCLUDED ANGLE.
- WHERE FACILITIES HAVE AN ANTENNA(S) WITHIN 20' OF THE BUILDING, THE PERIMETER COUNTERPOISE SHALL SURROUND THE BUILDING AND ANTENNA(S), WITH TWO ADDITIONAL GROUNDING ELECTRODES PROVIDED PER ANTENNA.
- BUILDINGS WITH FLAT ROOFS REQUIRE AN AIR TERMINAL AT EACH CORNER AND A PERIMETER ROOF CONDUCTOR (THOMPSON #32, OR APPROVED EQUAL) CONNECTING ALL TERMINALS IN PLACE OF RIDGE TERMINAL AND CONDUCTOR AS SHOWN.
- LIGHTING DOWN CONDUCTORS SHALL BE EXOTHERMICALLY WELDED TO 4/0 GROUND CONDUCTOR PRIOR TO ENTERING THE GROUND.

WHERE SPECIFIC MANUFACTURERS OF EQUIPMENT ARE GIVEN, THE CONTRACTOR MAY SUBMIT ALTERNATE EQUIPMENT EQUAL TO THAT PROPOSED FOR CONSIDERATION BY THE ENGINEER.

**FREEPORT - ALBERTUS AIRPORT
 FREEPORT, ILLINOIS**

**ILLINOIS PROJECT: FEP-3132 / A.I.P. PROJECT: 3-17-0045-B16
 SHELTER BUILDING
 LIGHTNING PROTECTION**



DESIGN BY:	
DRAWN BY:	
CHECKED BY:	
APPROVED BY:	
DATE:	06/17/05
JOB No:	02294-08