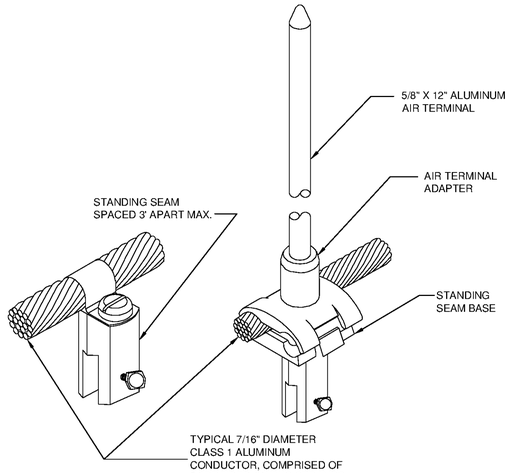
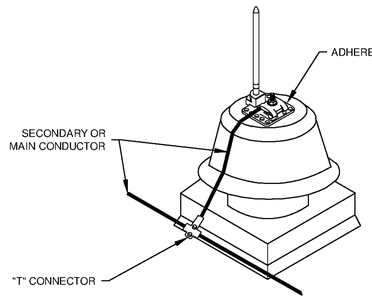


NOTES:
1. ANY MATERIAL THAT COMES IN CONTACT WITH THE ROOF (DEVICES, ADHESIVES, ETC.) SHALL BE APPROVED BY THE ROOFING SUBCONTRACTOR TO MAINTAIN ROOFING INTEGRITY AND WARRANTY. LIGHTNING PROTECTION SUBCONTRACTOR TO PROVIDE DOCUMENTATION OF ROOFING SUBCONTRACTOR'S ACCEPTANCE OF REQUIRED DEVICES.

STANDING SEAM LIGHTNING PROTECTION DETAIL

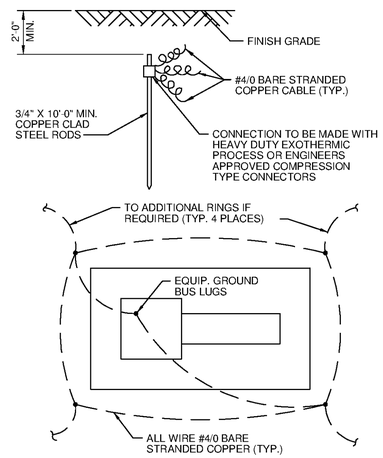
NO SCALE



NOTES:
1. ANY MATERIAL THAT COMES IN CONTACT WITH THE ROOF (DEVICES, ADHESIVES, ETC.) SHALL BE APPROVED BY THE ROOFING SUBCONTRACTOR TO MAINTAIN ROOFING INTEGRITY AND WARRANTY. LIGHTNING PROTECTION SUBCONTRACTOR TO PROVIDE DOCUMENTATION OF ROOFING SUBCONTRACTOR'S ACCEPTANCE OF REQUIRED DEVICES.
2. IF METAL IS LESS THAN 3/16" THICK FULL PROTECTION IS REQUIRED.

MECHANICAL EQUIPMENT GROUNDING DETAIL

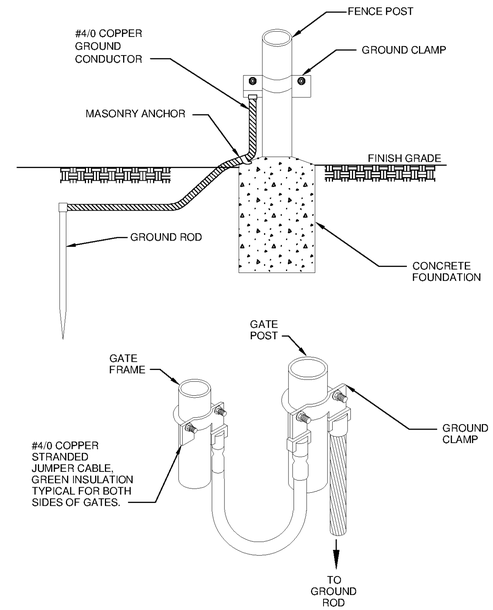
NO SCALE



NOTES:
1. ADDITIONAL CONCENTRIC RINGS SHALL BE ADDED AS REQUIRED TO MEET THE (5) OHM SPECIFIED RESISTANCE. EACH RING TO HAVE 4 GROUND RODS AND SPACED 10 FEET FROM THE INNER RING.

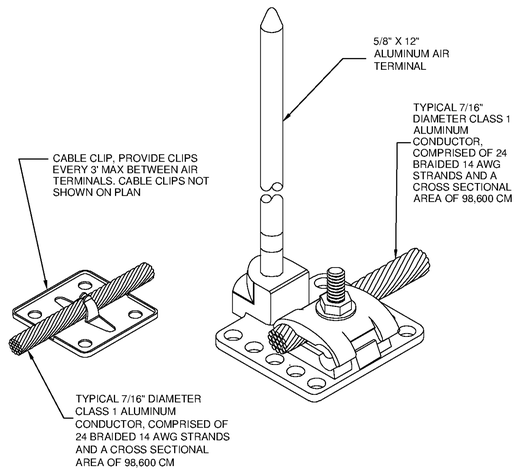
GROUND MAT DETAIL

NO SCALE



FENCE POST/GATE BONDING DETAIL

NO SCALE



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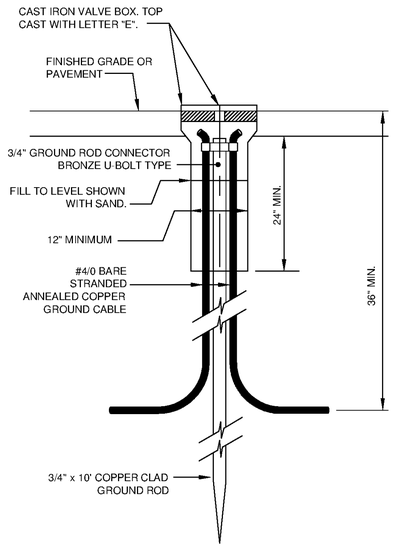
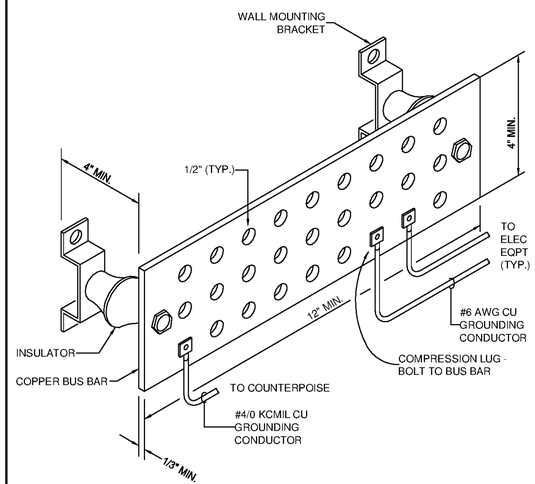
AIR TERMINAL AND BASE DETAIL

NO SCALE



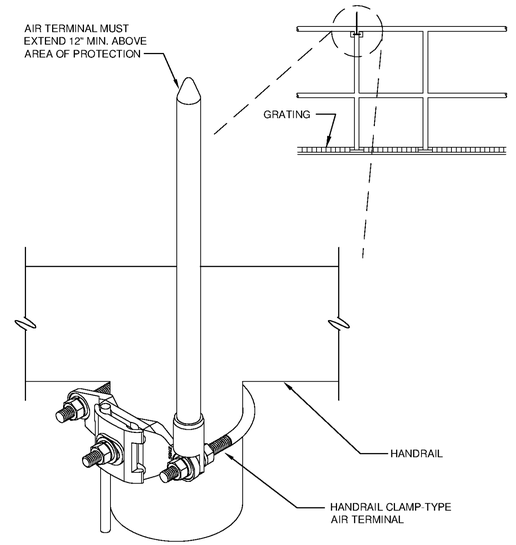
GROUND ROD INSPECTION AND TEST WELL INSTALLATION DETAIL

NO SCALE



GROUND BAR DETAIL

NO SCALE



HANDRAIL MOUNTED AIR TERMINAL DETAIL

NO SCALE

TETRA TECH
www.tetratech.com
101 QUALITY CIRCLE, SUITE 140
HUNTSVILLE, ALABAMA 35806
PHONE: (256) 424-4077 FAX: (256) 424-4097

BID SET

ALABAMA LICENSED No. 21939 PROFESSIONAL ENGINEER ANDREW KLEIER

MARK	DATE	DESCRIPTION	BY

HUNTSVILLE UTILITIES
SOUTHEAST WATER TREATMENT PLANT
ELECTRICAL DETAILS

Project No.:	200-11740-10003
Designed By:	CSW/AJK
Drawn By:	TAC
Checked By:	DAB

E-9502

Copyright: Tetra Tech

Bar Measures 1 inch

10/17/2014 11:03:14 AM - P:\ER\11740\200-11740-10003\CAD\SHEETFILES\TREATMENT PLANT\WTP E-9501 E-9508 ELECTRICAL DETAILS.DWG - CALZARETTA, TIMOTHY