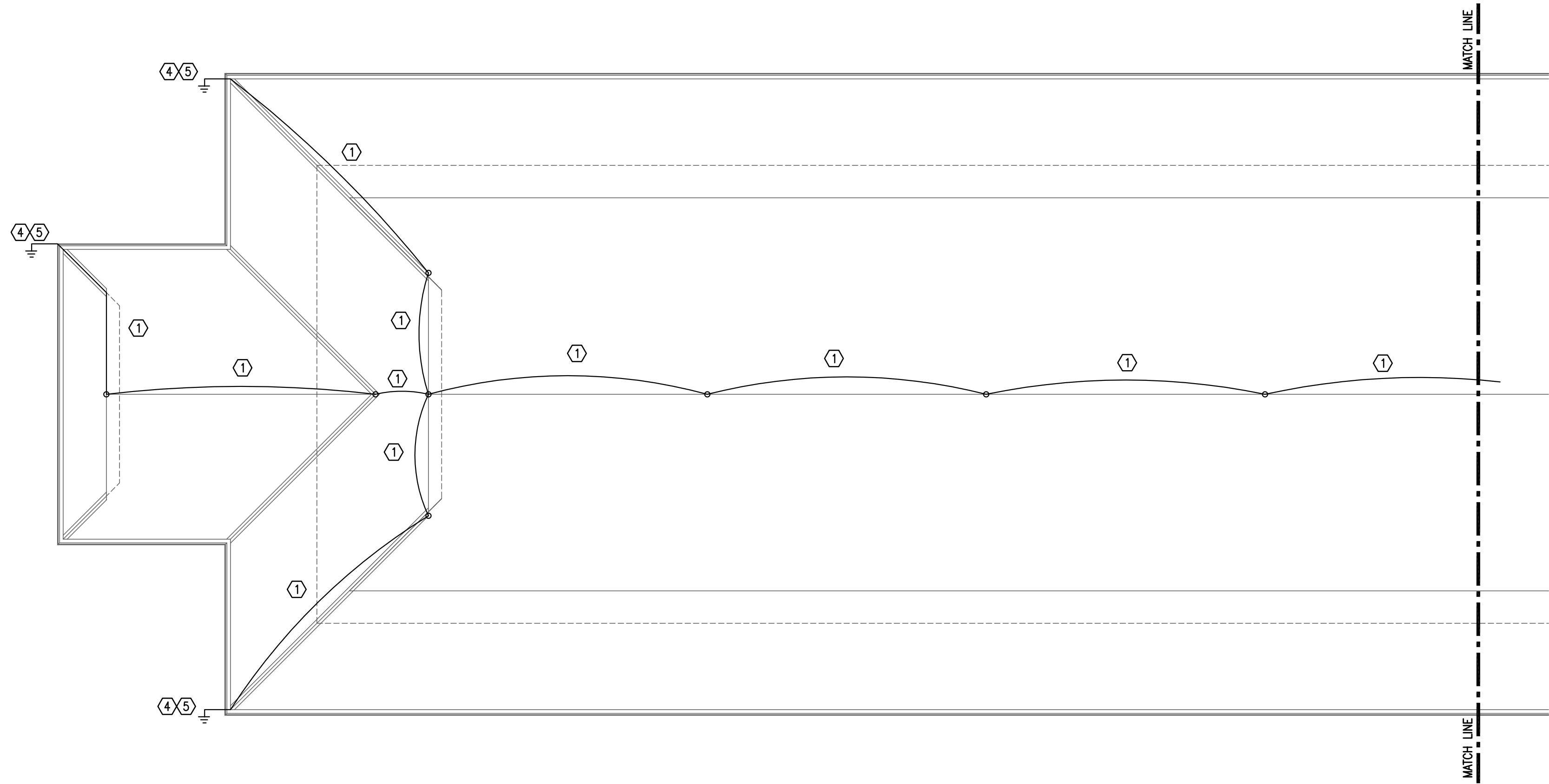
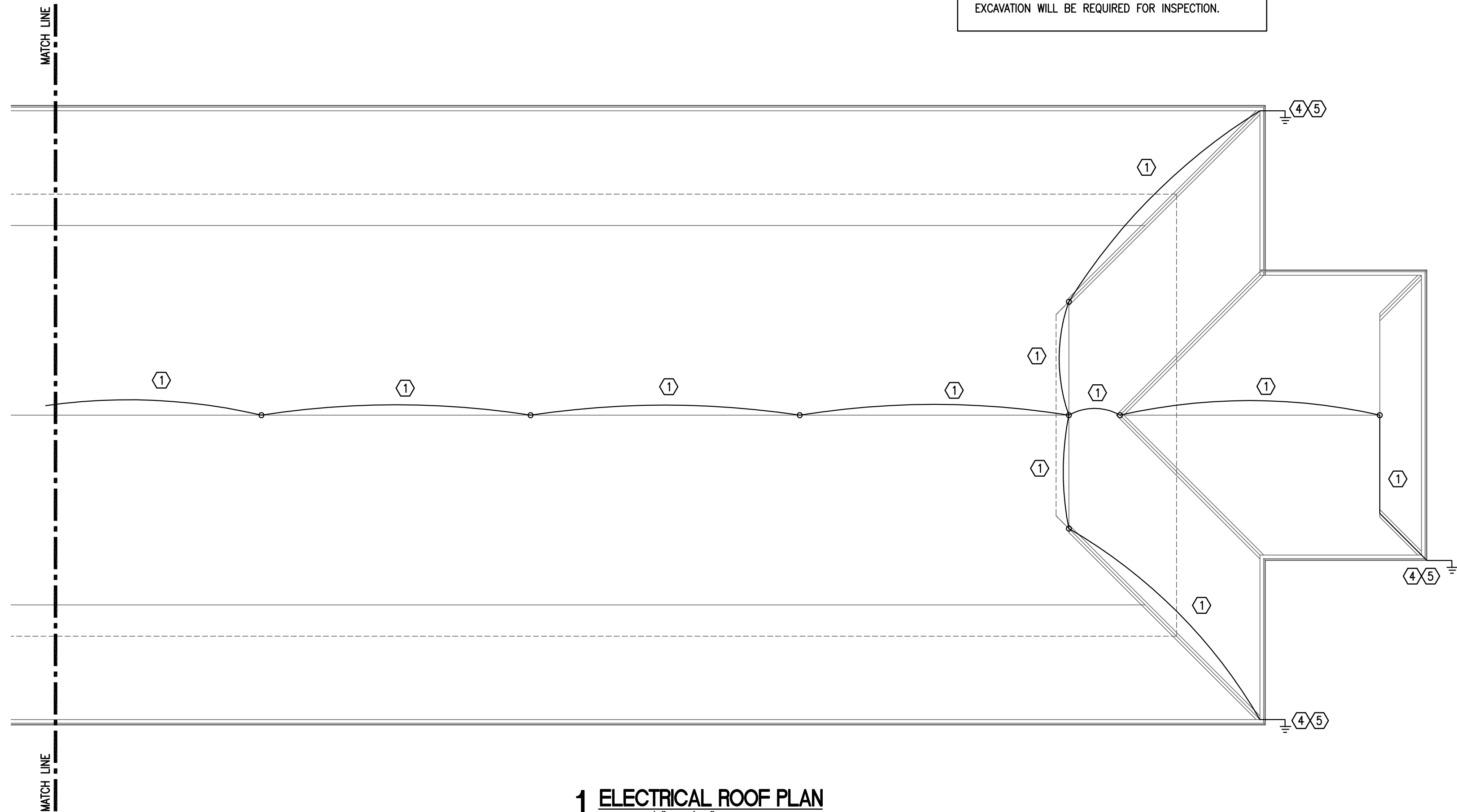




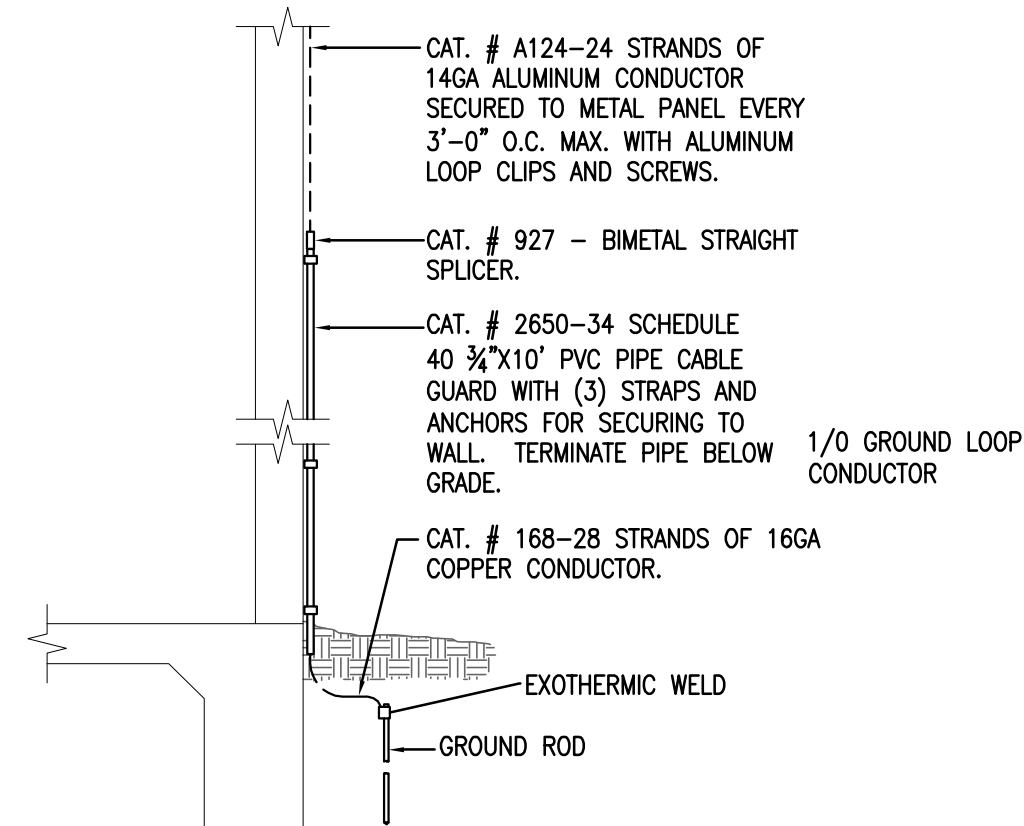
ALL EXOTHERMIC WELDS MUST BE WITNESSED BY A CE ELECTRICAL ENGINEER PRIOR TO COVERING OR HAND EXCAVATION WILL BE REQUIRED FOR INSPECTION.



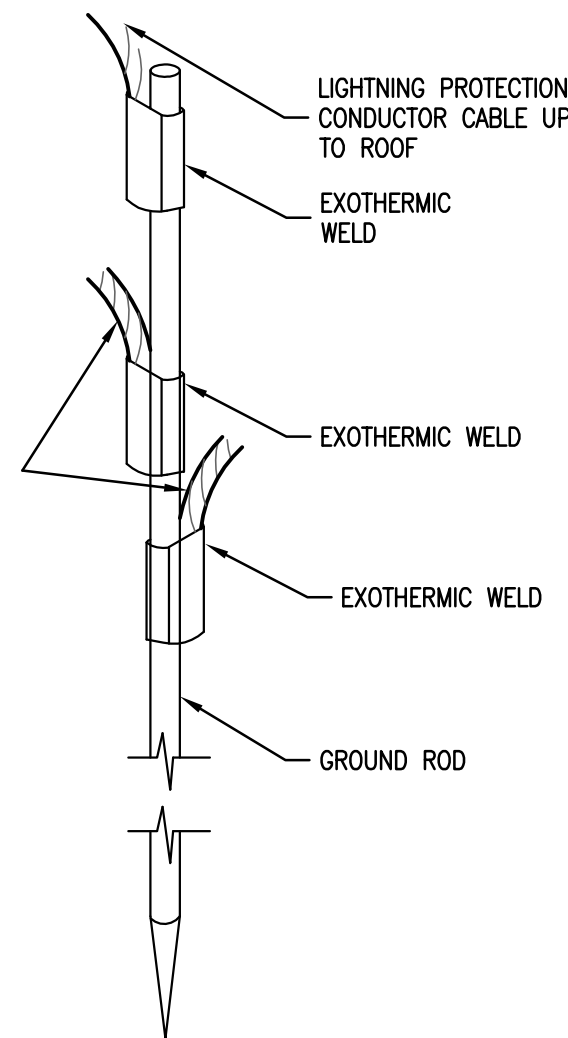
1 ELECTRICAL ROOF PLAN
SCALE: 1/8" = 1'-0"

CABLE SCHEDULE	
①	MAIN CONDUCTOR CABLE, 57,400 CIRCULAR MILS, ALUMINUM, EQUIVALENT TO #2 AWG ALUMINUM MINIMUM.
②	BONDING CONDUCTOR, 26,240 CIRCULAR MILS, ALUMINUM, EQUIVALENT TO #6 AWG ALUMINUM MINIMUM. USE TO BOND METAL BODIES FOR POTENTIAL EQUALIZATION, ONLY AS REQUIRED.
④	NEW GROUND ROD.
⑤	NEW DOWN CONDUCTOR.

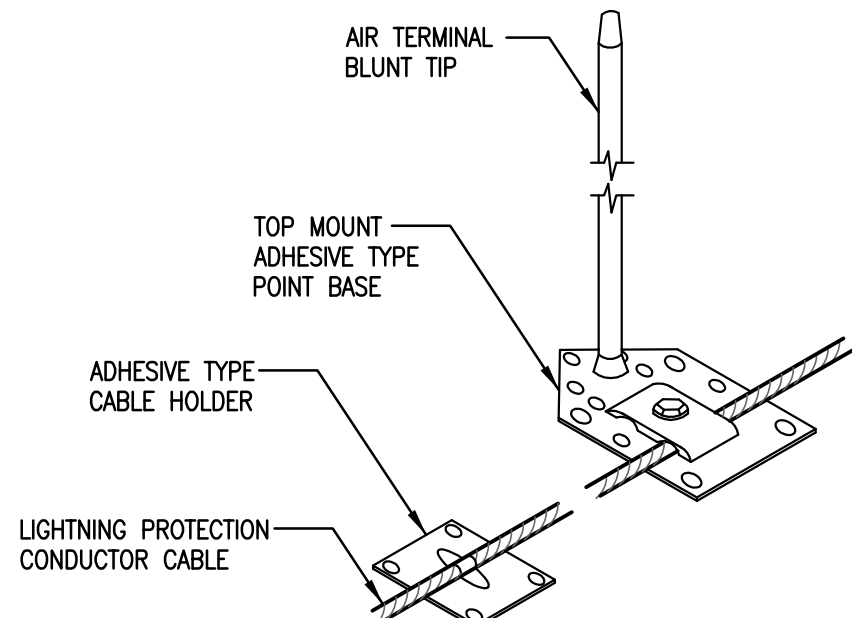
LEGEND	
○	LIGHTNING PROTECTION ELECTRODE
— — — — —	LIGHTNING PROTECTION CONDUCTOR
⏏	LIGHTNING PROTECTION GROUND ELECTRODE, PROVIDE WITH EXOTHERMIC WELDS. ALL WELDS TO REMAIN UNCOVERED UNTIL INSPECTION BY 19CES.
⏏	EXOTHERMIC WELD UNDERGROUND.



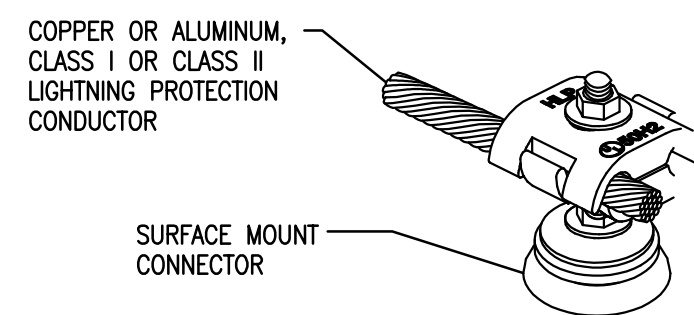
2 DOWNLEAD DETAIL
SCALE: NONE



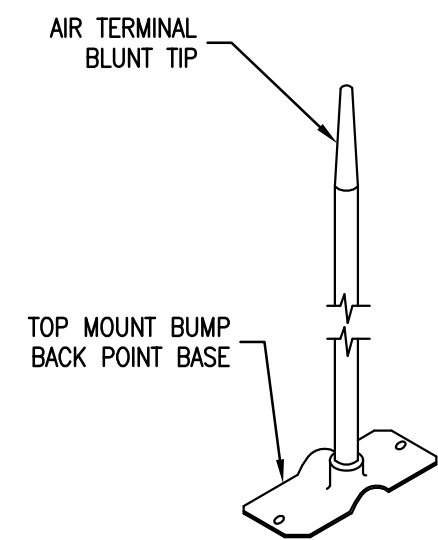
3 GROUND ROD DETAIL
SCALE: NONE



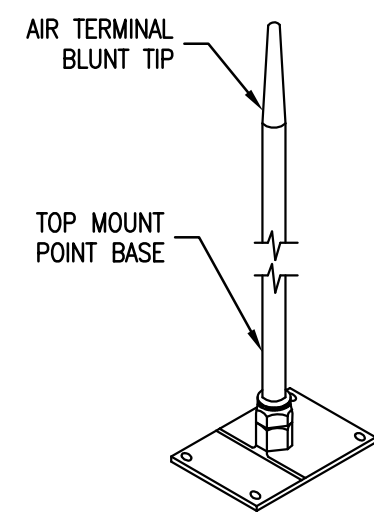
4 ADHESIVE BASE DETAIL
SCALE: NONE



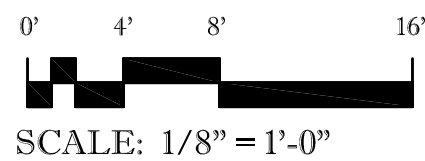
5 SURFACE MOUNT CONNECTOR DETAIL
SCALE: NONE



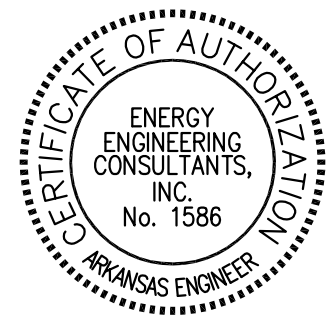
6 SKYLIGHT BASE DETAIL
SCALE: NONE



7 VENT/MECHANICAL UNIT BASE DETAIL
SCALE: NONE



SCALE: 1/8" = 1'-0"



LITTLE ROCK A.F.B.
ARKANSAS

HGL
Construction

CLEMENTS & ASSOCIATES
ARCHITECTURE, INC.
507 MAIN STREET
NORTH LITTLE ROCK, ARKANSAS 72114
PHONE: 501-975-3380
WWW.CLEMENTSARCHITECTS.COM



										APP'D
										BY
										Date
										Revision/Issue
										No.

REPAIR (SUS) ARMEN
DORMITORY BLDG 854

ELECTRICAL ROOF
PLAN

DRAWN BY HS, BD	CLASS DESCRIPTION GC
DESIGNED BY HS	PROJECT NUMBER NKAK 21-1034
CHECKED BY GC	SHEET E5.01
DATE 29 FEB. 2024	97 OF 100
AS NOTED	