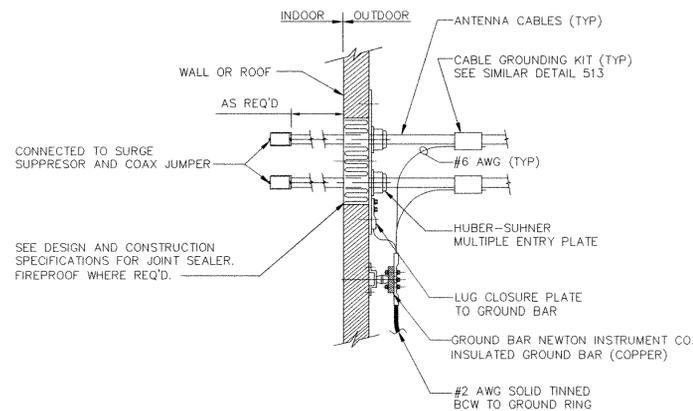


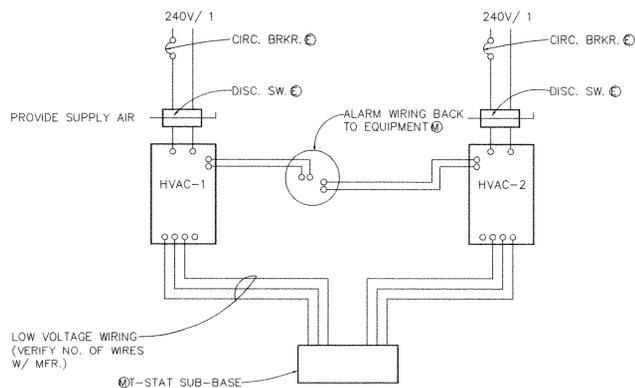
NOTES:

1. ALL HARDWARE 18-8 STAINLESS STEEL INCLUDING LOCK WASHERS, COAT ALL SURFACES WITH ANTI-OXIDANT COMPOUND BEFORE MATING.
2. ALL HARDWARE SHALL BE S/S 3/8" Ø OR LARGER
3. FOR GROUND BOND TO STEEL ONLY: INSERT A DRAGON TOOTH WASHER BETWEEN LUG AND STEEL, COAT ALL SURFACES WITH ANTI-OXIDANT COMPOUND BEFORE MATING.

DOUBLE LUG 7
N.T.S.



GROUNDING AT COAX ENTRY 8
N.T.S.

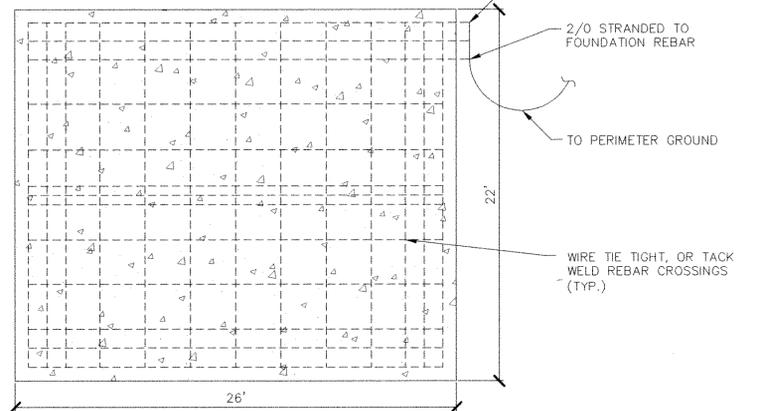


SEQUENCE OF OPERATION
PRODUCTS MENTIONED BELOW SHALL BE AS NAMED OR AN APPROVED EQUAL.

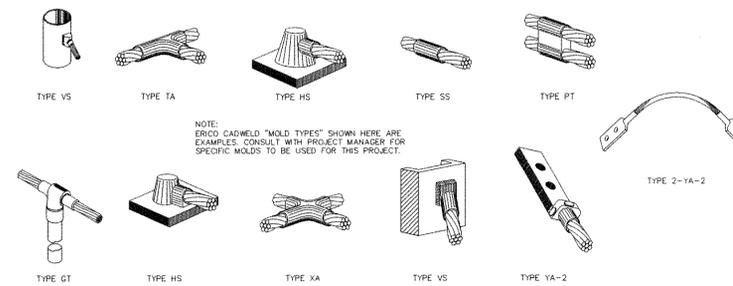
AN ENVIRONMENTAL CONTROL PANEL, HOFFMAN CONTROL ENCLOSURE A16148CHQRFQ, BACK PANEL A16P14, SHALL OPERATE HVAC-1 AND HVAC-2. THE CONTROL PANEL WILL ALTERNATE THE OPERATION OF HVAC-1 AND HVAC-2 FOR EQUAL PERIODS OF TIME. BUT, SHOULD THE COOLING LOAD REQUIRE THE OPERATION OF BOTH HVAC-1 AND HVAC-2, THE CONTROL PANEL WILL OPERATE BOTH UNITS SIMULTANEOUSLY.

HVAC DIAGRAM 9
N.T.S.

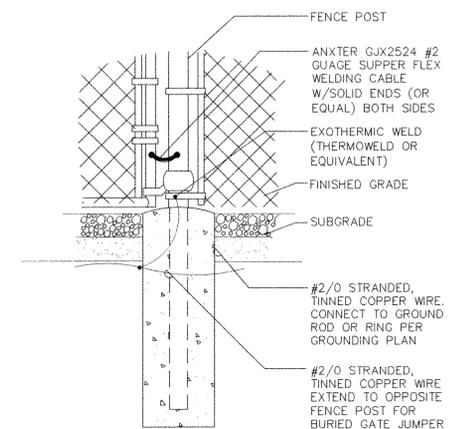
NOTE:
REBAR MUST BE SPLICED
A MIN. OF 20bd.



FOUNDATION UFER GROUND 4
N.T.S.

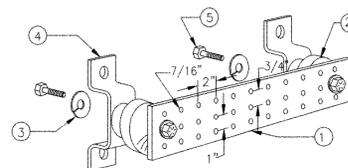


EXOTHERMIC WELD DETAILS 1
N.T.S.



FENCE GROUNDING 2
N.T.S.

NOT USED 5
N.T.S.

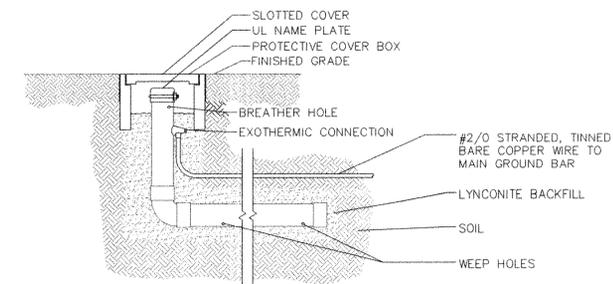


LEGEND

PRODUCTS MENTIONED BELOW SHALL BE AS NAMED OR AN APPROVED EQUAL.

- 1- TINNED COPPER GROUND BAR, 1/4"x4"x20", NEWTON INSTRUMENT CO. CAT. NO. B-6142 OR EQUAL. HOLE CENTERS TO MATCH NEMA DOUBLE LUG CONFIGURATION.
- 2- INSULATORS, NEWTON INSTRUMENT CAT. NO. 3061-4
- 3- 5/8" LOCKWASHERS, NEWTON INSTRUMENT CO. CAT. NO. 3015-8
- 4- WALL MOUNTING BRACKET, NEWTON INSTRUMENT CO. CAT. NO. A-6056
- 5- 5/8-11 X 1" HHCS BOLTS, NEWTON INSTRUMENT CO. CAT. NO. 3012-1

GROUND BAR 6
N.T.S.



LYNCOLE XIT GROUND ROD 3
N.T.S.

	2151 EAST BROADWAY ROAD, SUITE 217, TEMPE, AZ 85282 VOICE: 480.905.8689 FAX: 480.905.8818	
CITY OF MESA ENGINEERING DIVISION		
THOMPSON PEAK COMMUNICATION TOWER		
ELECTRICAL DETAILS		DRAWING 15
EXP. 9/30/2012		CATALOG NUMBER: A-139270
DRAWN BY: BGH ENGINEER: SAM APPROVED BY: F. RUSTAM		340 W.O. 4399 PROJ. NO. 02-410-001
15 OF 33		A-139270