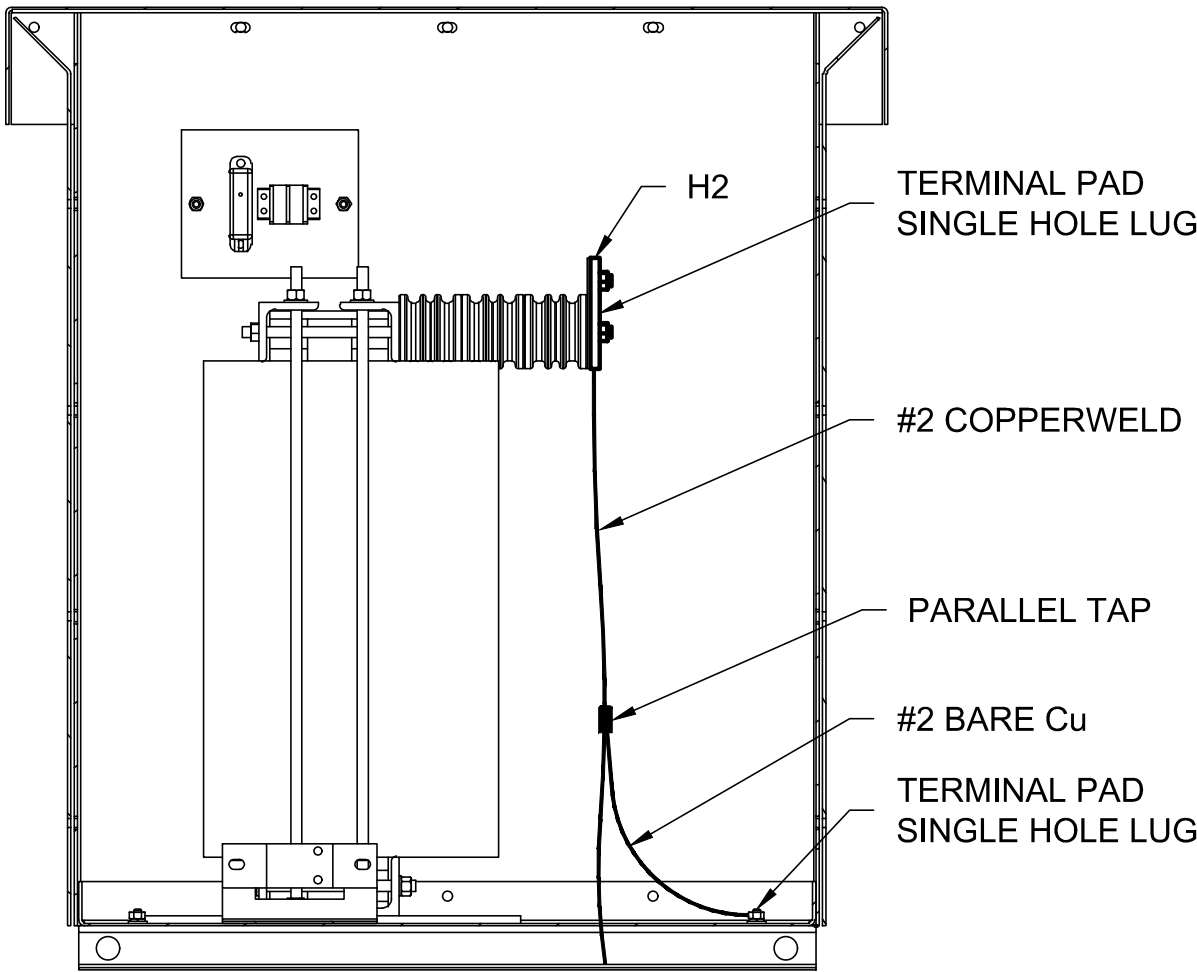
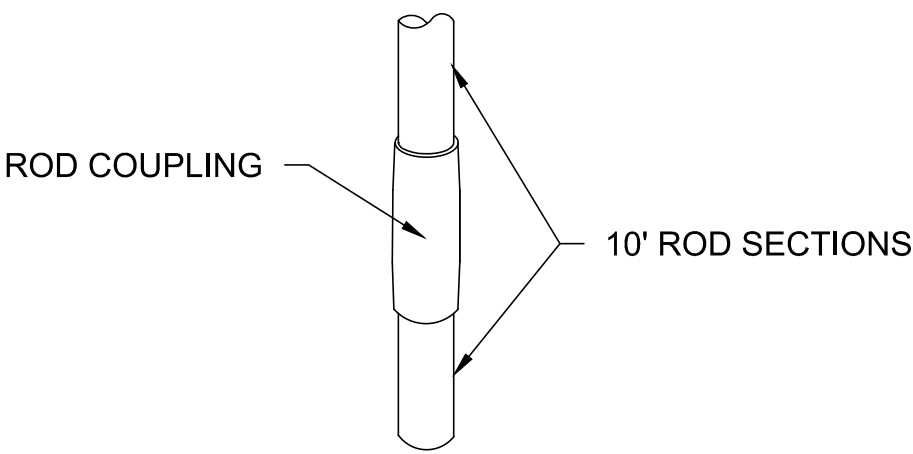


PLAN VIEW (W/O COVER)  
GROUND ENTRY TO EQUIPMENT



LEFT VIEW

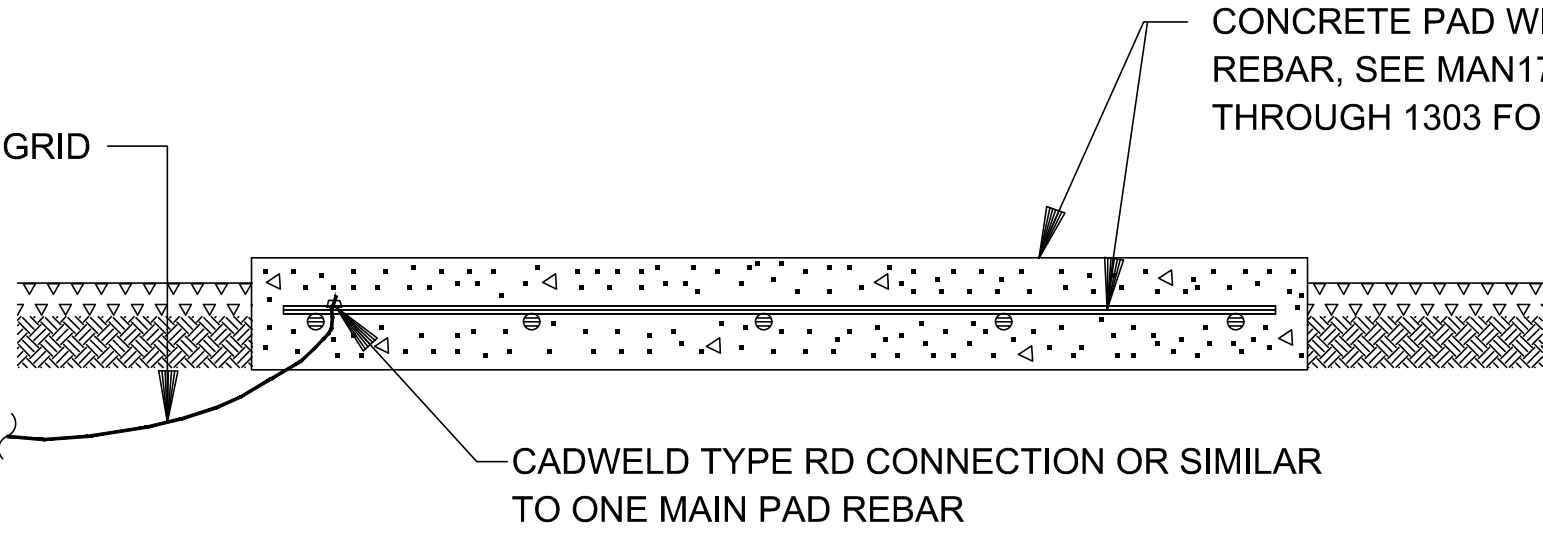
+BAW01 RECLOSER GROUNDING DETAIL



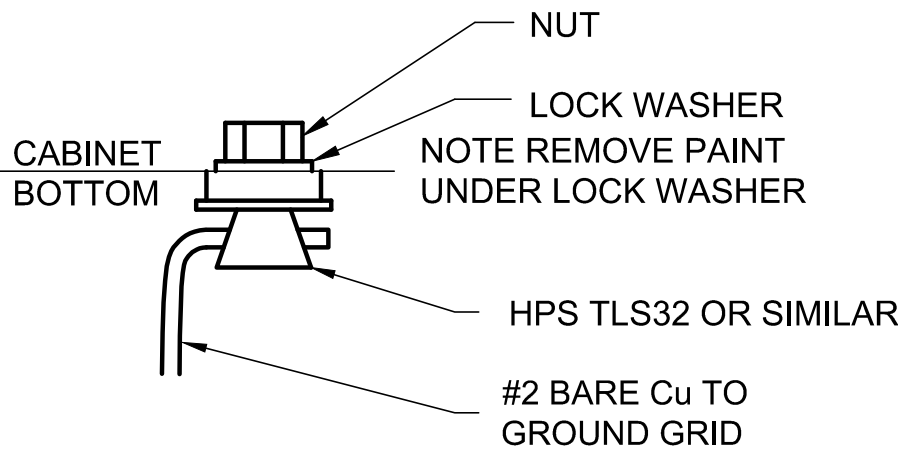
SECTIONAL GROUND ROD CONNECTION

LEGEND:

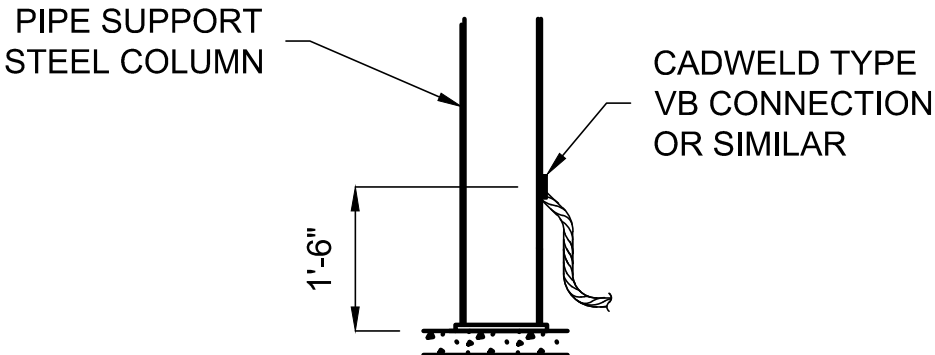
- CONCRETE
- CRUSHED ROCK
- UNDISTURBED EARTH



TYPICAL CONCRETE PAD GROUNDING DETAIL



TYPICAL CABINET GROUNDING DETAIL



NOTE:  
PRIME WELEDED OR CUT SURFACES WITH  
PINC-FILLED ORGANIC PRIMER.

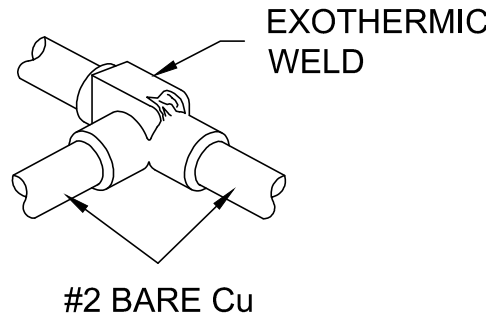
TYPICAL PIPE SUPPORT GROUNDING

CONSTRUCTION NOTES:

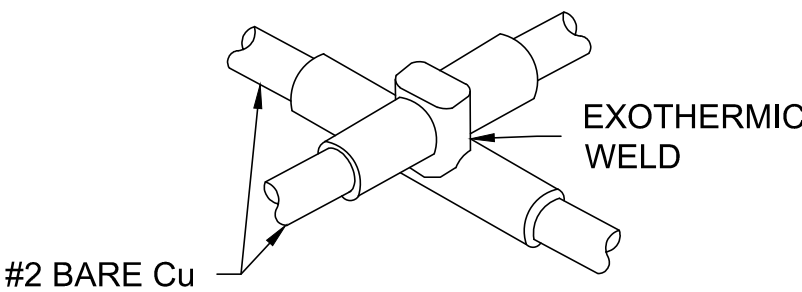
- PROTECT GROUND TAILS DURING CONSTRUCTION. INSTALL TAILS IN 1" PVC VERTICALLY TO 16" BELOW GRADE AND 24" ABOVE GRADE.
- METALLIC CONDUIT WILL NOT BE USED AS A GROUNDING CONDUCTOR. EACH AC SUPPLY CIRCUIT IS SUPPLIED WITH EQUIPMENT GROUNDING CONDUCTOR.
- BOND ABOVE GRADE METALLIC PIPING TO GROUND. WHERE NONCONDUCTIVE PIPE CONNECTIONS ARE MADE THAT INTERRUPT CONDUCTIVE PIPE, INSTALL A BONDING JUMPER TO CONNECT BOTH PIPES TO CONTINUE CONDUCTIVE PATH.
- ONLY USE CADWELD CONNECTION ON STEEL PIPE SUPPORTS WHEN PAD CONNECTION IS NOT AVAILABLE. OTHERWISE USE TYPICAL EQUIPMENT CONNECTION.

REFERENCE DRAWINGS:

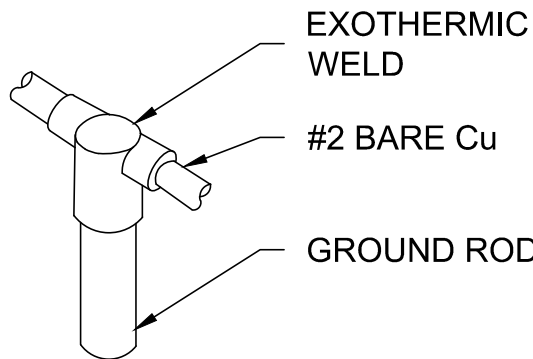
- MAN17077-D-1201 ELECTRICAL EQUIPMENT PAD GROUNDING PLAN
- MAN17077-D-1202 CHILLER & HEATER PAD GROUNDING PLAN



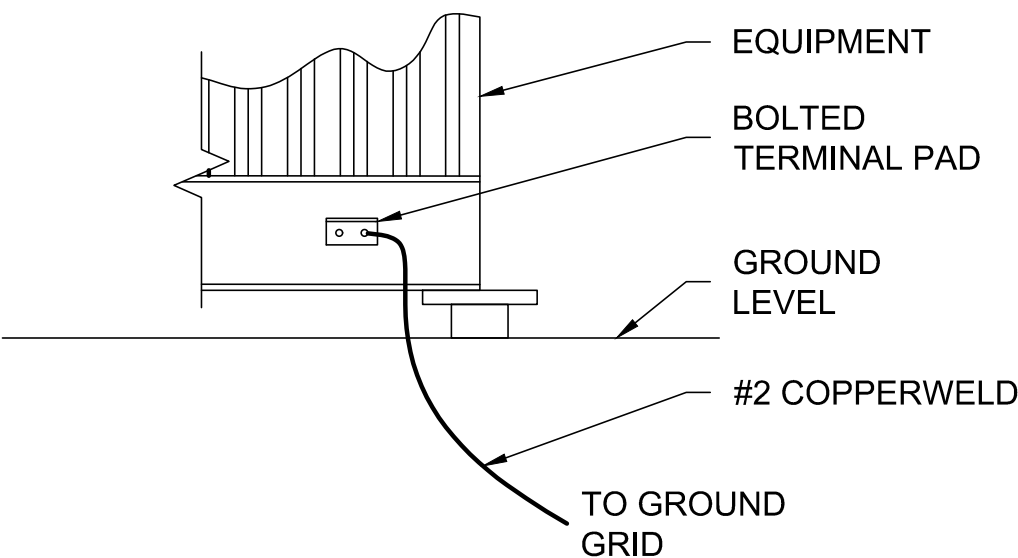
RUN TO TAP TEE EXOTHERMAL CONNECTION



RUN TO TAP CROSS EXOTHERMAL CONNECTION



CABLE TO GROUND ROD CONNECTION



TYPICAL EQUIPMENT CONNECTION

VIONX ENERGY  
RC-USEMMSTO  
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SIEMENS

ISSUED FOR  
CONSTRUCTION  
DEC. 24, 2017

VIONX ENERGY - 905-0522  
BATTERY STORAGE SYSTEM  
SHIRLEY, MA

DRAFTER: JBH	ENGR: LQ	DATE: 13 DEC 17
CHECKER: MB	APPD: SDE	SCALE: NO SCALE

REV	DATE	DESCRIPTION
0	24 DEC 17	ISSUED FOR CONSTRUCTION

EPS ENGINEERING & DESIGN  
A Division of Electric Power Systems International, Inc.  
1338 E. KINGSLEY, SUITE B  
SPRINGFIELD, MO 65804  
PHONE: (417) 886-4840  
FAX: (417) 886-4842

COMMONWEALTH OF MASSACHUSETTS  
PAUL L. KINTON  
ELECTRICAL  
No. 52188  
REGISTERED PROFESSIONAL ENGINEER  
6/30/2018  
12/22/2017

GROUNDING DETAILS	DRAWING NO. MAN17077-D-1203	REV. 0
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