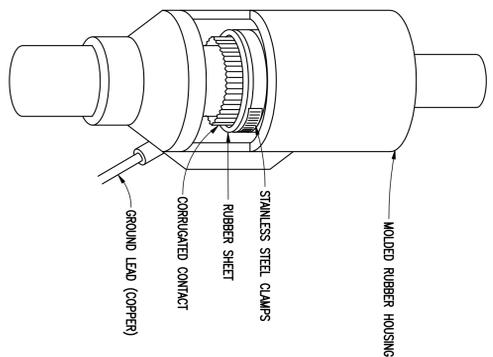
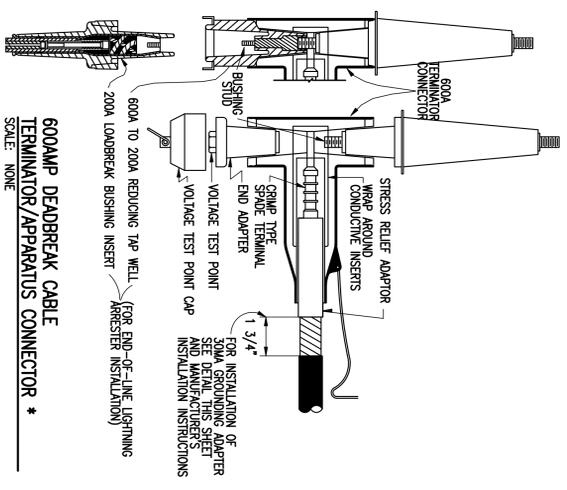


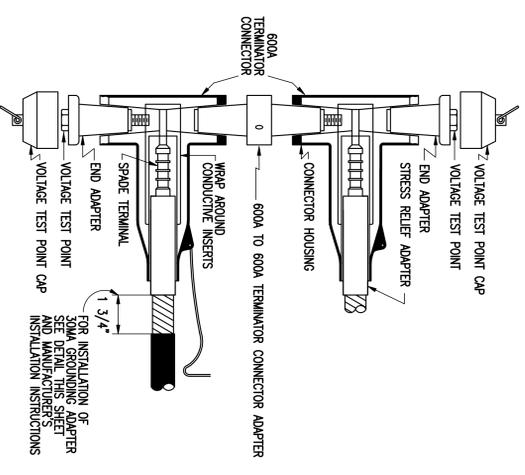
1D PRIMARY CABLE METALLIC TAPE SHIELDED CABLE
SCALE: NONE



30 MA GROUNDING DEVICE FOR METALLIC TAPE SHIELDED CABLE
SCALE: NONE

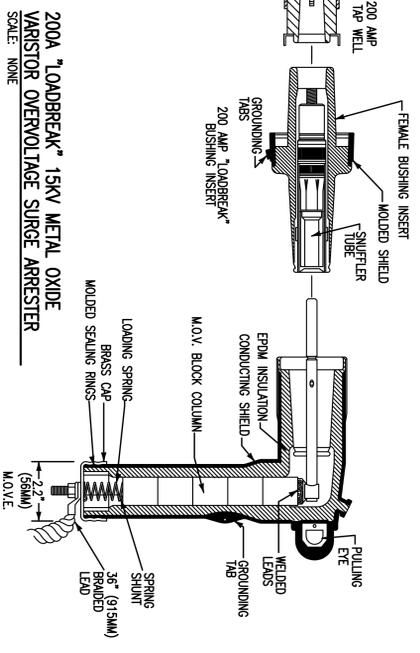


600AMP DEADBREAK CABLE TERMINATOR/APPARATUS CONNECTOR *
SCALE: NONE
* FOR TAPE SHIELDED CABLE

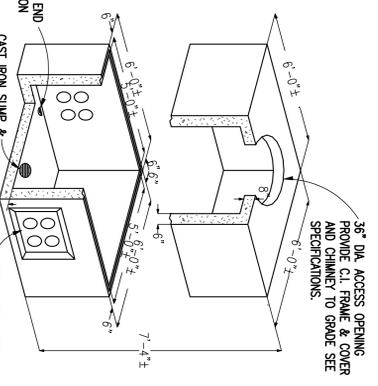


600/600 AMP DEADFRONT CABLE TERMINATORS (SPICE) *
SCALE: NONE
* FOR TAPE SHIELDED CABLE

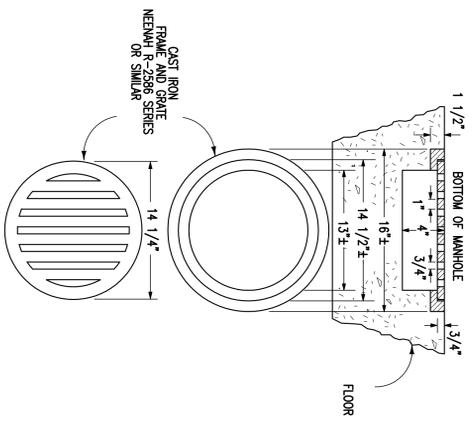
GENERAL NOTES:
(THIS DETAIL ONLY)
A. 4500 PSI @ 28 DAYS MIN. COMP. STRENGTH NORMAL WEIGHT CONCRETE.
B. REINFORCING STEEL SHALL BE ASTM-A-615 GRADE 60.
C. DESIGN SHALL BE FOR H-20 WHEEL LOADING.
D. ASSUME WATER TABLE AT GRADE FOR ANTI-FLOATION DESIGN.



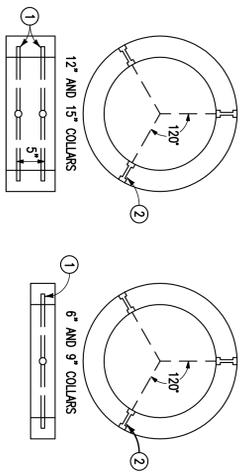
200A "LOADBREAK" 15KV METAL OXIDE VARISTOR OVERVOLTAGE SURGE ARRESTER
SCALE: NONE



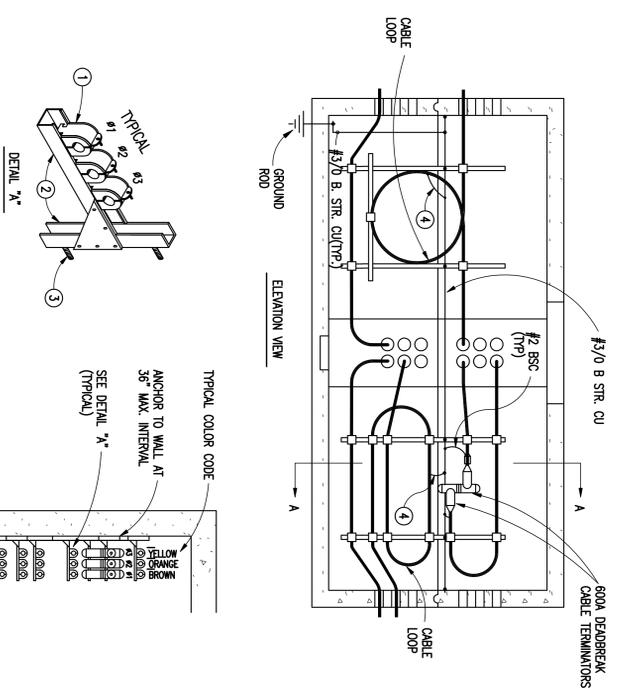
5W x 51 x 6'H INTERIOR (APPROX.) CAST IN PLACE VAULT W/ROUND ACCESS HOLE
SCALE: NONE
NOTE: VAULT SHOWN SEGMENTED FOR CLARITY.



SLUMPS
SCALE: NONE



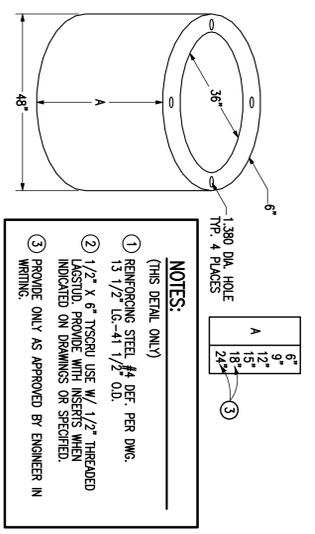
PRECAST COLLARS
SCALE: NONE



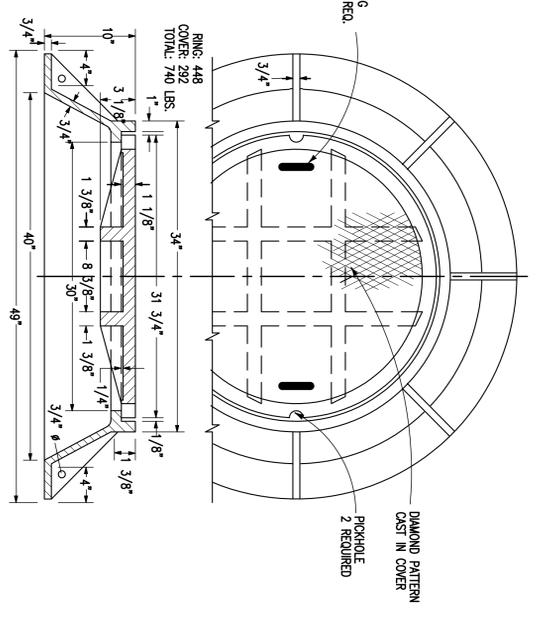
TYPICAL RACKING IN MANHOLES AND VAULTS
SCALE: NONE

GENERAL NOTES
(THIS DETAIL ONLY)
A. ALLOW FOR FIREPROOF WRAP WHEN APPLICABLE.
B. CMT. NOS. REFER TO B-LINE. SEE SPECIFICATIONS, SUBMITTALS REQUIRED.
C. ANY FIELD CUTS SHALL BE SEALED WITH MANUFACTURER'S RECOMMENDED SEALANT USING MANUFACTURER'S RECOMMENDED PROCEDURE.
D. THIS DETAIL SHOWS ACCEPTABLE PRACTICES. SEE ELECTRICAL CABLE IN MANHOLE DETAILS FOR INDIVIDUAL MANHOLE CABLES.

NOTES:
(THIS DETAIL ONLY)
① B-4000 SERIES THERMOPLASTIC ELASTOMER INSULATED CABLE CLAMP WITH SILICON BRONZE HARDWARE, SIZED FOR CABLE WITH PRETAPED INCLUDED.
② BPP-409-12 OR -14 (DEPENDS ON WIDTH OF CABLE CLAMP) GLASS-REINFORCED POLYESTER RESIN CHANNEL BRACKET.
③ ALL OTHER HARDWARE/FASTENERS TO BE STAINLESS STEEL (TYPE 316).
④ GROUND NEUTRAL WIRE TO GROUND RING WITH #1/0 BSC.



NOTES:
(THIS DETAIL ONLY)
① REINFORCING STEEL #4 DEF. PER DWG. 13 1/2" LG.-41 1/2" O.D.
② 1/2" x 6" TUBES USE W/ 1/4" THREADED LASTED REINFORCING MESH WITH INDICATED ON DRAWINGS OR SPECIFIED.
③ PROVIDE ONLY AS APPROVED BY ENGINEER IN WRITING.



NATIONAL STANDARD CAST IRON FRAME & COVER
SCALE: NONE
NOTE: COVER SHALL STATE "COMMUNICATIONS" FOR COMMUNICATIONS MANHOLES AND ELECTRICAL FOR ELECTRICAL POWER MANHOLES, CAST INTO COVER.

<p>Revisions</p> <table border="1"> <tr> <th>Rev.</th> <th>Date</th> <th>Description</th> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> </table>	Rev.	Date	Description				<p>440 Martin Luther King, Jr. Blvd, Suite 101A Macon, Georgia 31201 (478) 314-1210 www.aepi.com</p> <p>APPLIED ENGINEERING SOLUTIONS, INC.</p>	<p>Drawing Title</p> <p>DETAILS ELECTRICAL</p> <p>Approved Project Director</p>	<p>Project Title</p> <p>CONNECT 500 TON CHILLER TO ELECTRICAL SYSTEM</p> <p>Building Number: GSW Checked: GSW Drawn: SJB</p> <p>Location: CARL VINSON VA MEDICAL CENTER DUBLIN, GEORGIA</p>	<p>Date</p> <p>December 2, 2011</p> <p>Project No.</p> <p>557-09-109</p> <p>Drawing No.</p> <p>E1.1</p> <p>Dwg. 2 of 4</p>
Rev.	Date	Description								

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