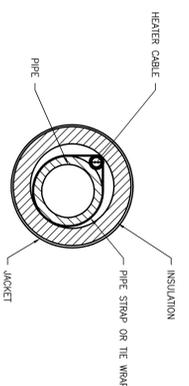
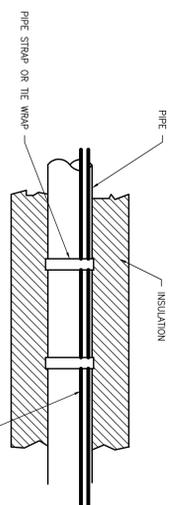


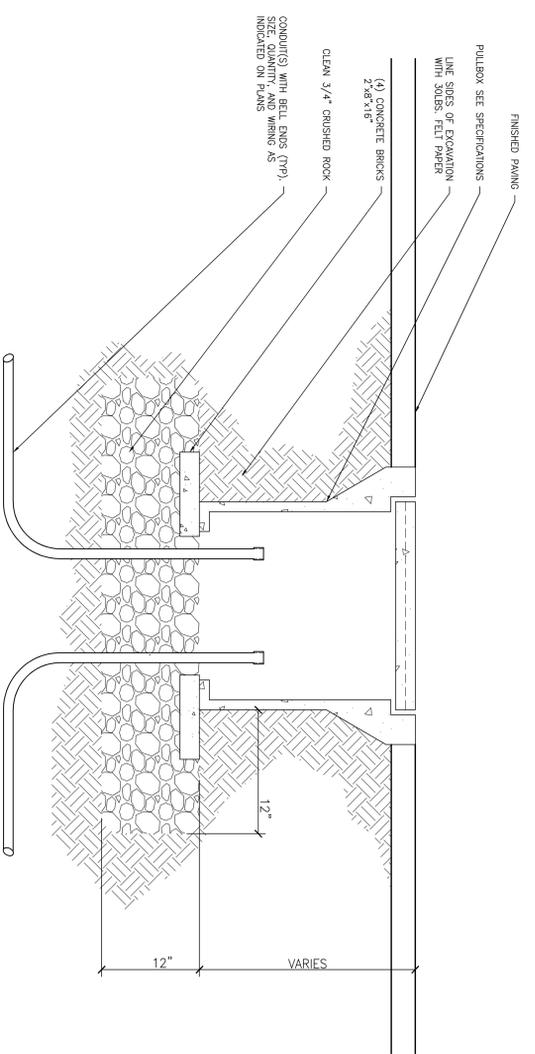
1 TYPICAL ELBOW HEAT TRACING DETAIL FOR CHILLER PIPING
SCALE: N.T.S.



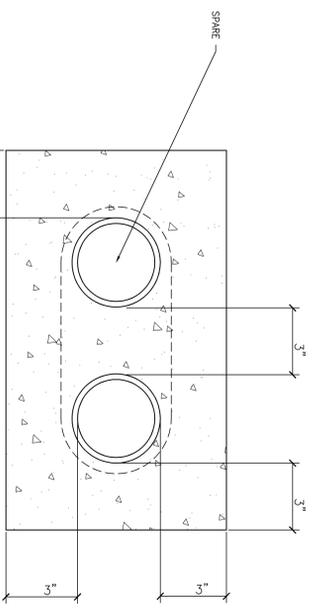
2 TYPICAL HEAT TRACING DETAIL FOR CHILLER PIPING
SCALE: N.T.S.



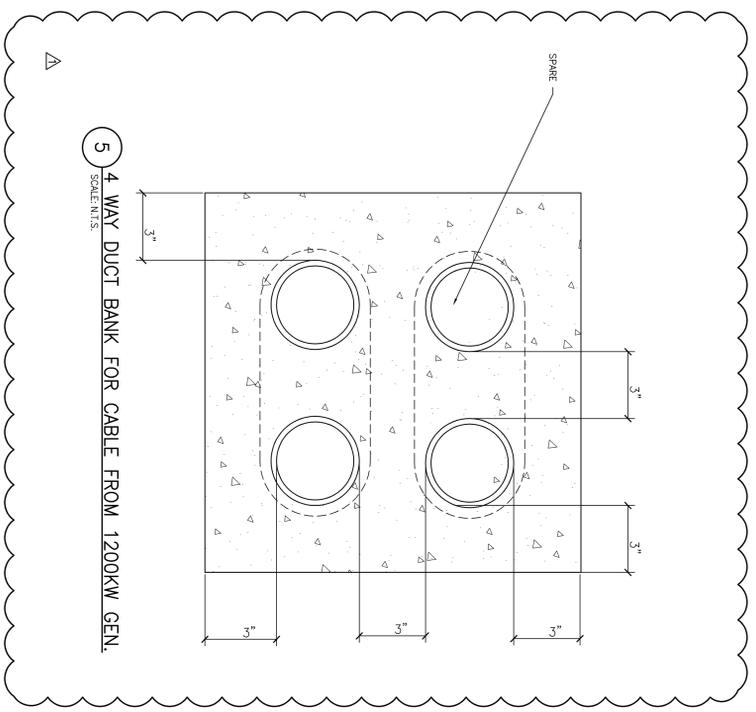
- GENERAL SHEET NOTES:**
- REFER TO DWG. E-201 FOR GENERAL NOTES, SYMBOLS, AND DIMENSIONS.
 - ELECTRICAL EQUIPMENT DIMENSIONS ARE AS SHOWN UNLESS OTHERWISE NOTED. ONLY ELECTRICAL CONTRACTOR SHALL VERIFY DIMENSIONS WITH ELECTRICAL EQUIPMENT MANUFACTURE AND INSTALLATION WITH OTHER TRADES BEFORE FINAL INSTALLATION.
- SHEET KEYNOTES:**
- EMERGENCY POWER FROM BUILDING 19 GENERATOR
 - CLEAN PIPING TO BE HEAT TRACED OF ALL FOREIGN MATTER TO FACILITATE HEAT TRANSFER
- DUCT BANK NOTES**
- CONCRETE SHALL BE 2000 P.S.I., Ø 28 DAYS, OR AS NOTED.
 - PROVIDE REMEDIATION GRIS ON TOP AND BOTTOM OF DUCTS WHEN CROSSING OR PAVED IN ROADWAYS.
 - MINIMUM COVER TO TOP OF ENVELOPE SHALL BE 24" [Elevation].
 - PROVIDE MINIMUM 6" [Elevation] SPACE BETWEEN POWER AND TELECOMMUNICATION DUCTS. INCREASE SIZE AS REQUIRED.
 - INDICATED QUANTITY AND SIZE AS INDICATED ON PLANS.



3 UNDERGROUND PULL BOX DETAIL FOR 13.2KV AND 1200KW GENERATOR CABLES
SCALE: N.T.S.



4 2 WAY DUCT BANK FOR 13.2KV CABLE
SCALE: N.T.S.



5 4 WAY DUCT BANK FOR CABLE FROM 1200KW GEN.
SCALE: N.T.S.

CONSTRUCTION DOCUMENTS

CONSULTANTS:		MECHANICAL/DESIGN/PLUMBING/STRUCTURE		ARCHITECT/ENGINEERS:		DRAWING TITLE		PROJECT TITLE		OFFICE OF CONSTRUCTION AND FACILITIES MANAGEMENT	
ADDENDUM #1		THOMAS L. CHURCH, P.E. PROFESSIONAL ENGINEER PENNSYLVANIA LICENSE NO. P000000000		Miller-Remick LLC 1010 KINGS HIGHWAY SOUTH CHERRY HILL, NEW JERSEY 08034 PHONE: (609)939-4000 FAX: (609)939-5002		HEAT TRACE AND UNDERGROUND WORK DETAIL SHEET		THERMAL STORAGE FOR CHILLER PLANT		Department of Veterans Affairs	
Date: 06-11-12		SIGNATURE: _____		Approved Project Director		Location: VA MED CENTER, LEBANON, PA		Project Number: 595-11-131		Building Number: N/A	
VA FORM 08-43231		SCALE: N.T.S.		SCALE: N.T.S.		Date: 6/11/12		Drawing Number: EP-503		Dwg. #: 31 of 34	