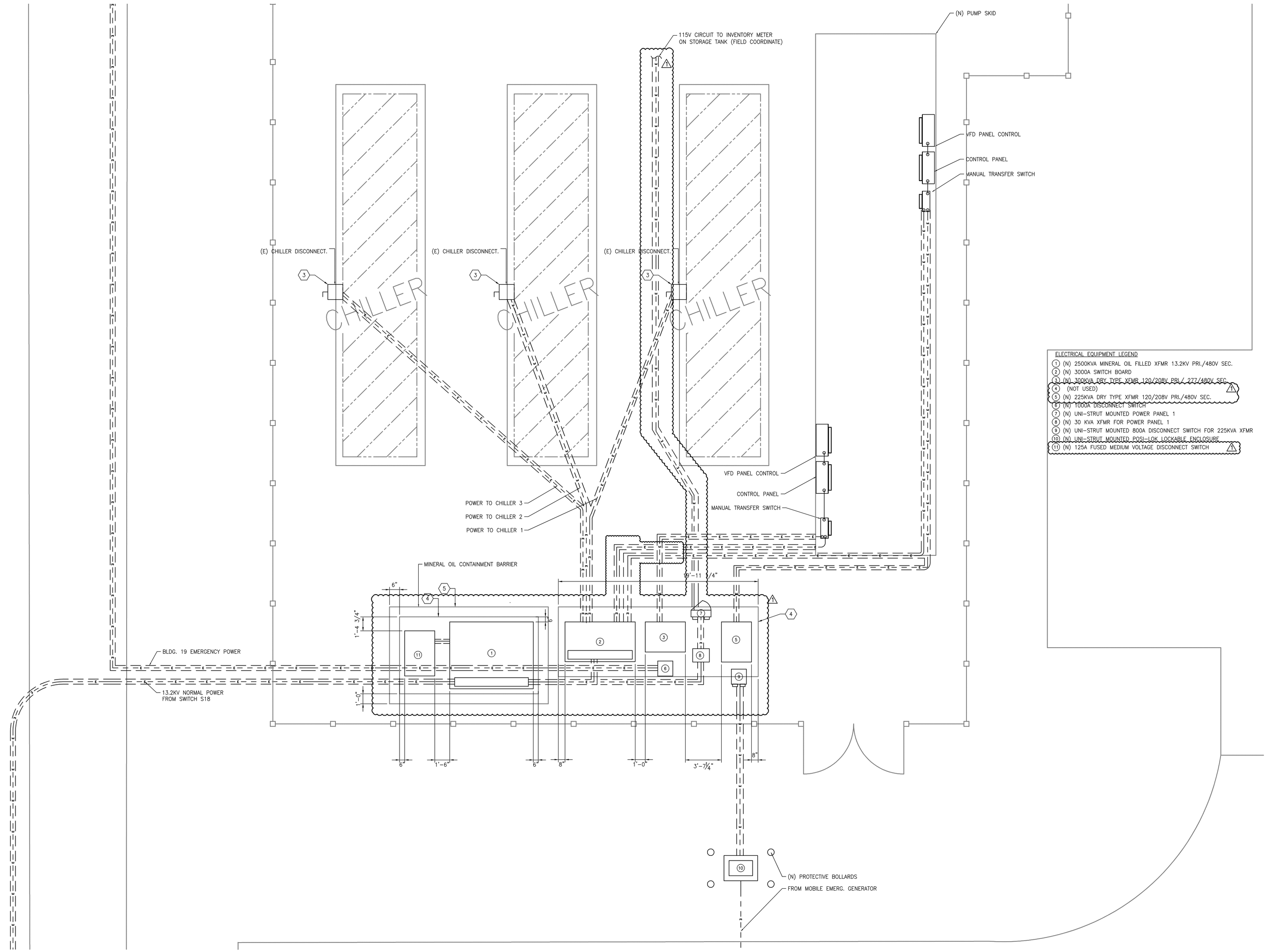

GENERAL SHEET NOTES:

1. REFER TO DWG E 001 FOR GENERAL NOTES, LEGEND, AND ABBREVIATIONS
2. ELECTRICAL EQUIPMENT DIMENSIONS ARE REPRESENTATIVE FOR DRAWING PURPOSES ONLY. ELECTRICAL CONTRACTOR SHALL VERIFY DIMENSIONS WITH ELECTRICAL EQUIPMENT MANUFACTURE AND COORDINATE WITH OTHER TRADES BEFORE FINAL INSTALLATION

SHEET KEYNOTES:

1. PER V.A. SPECIFICATION 26-05-41, CONDUITS ENCASED IN CONCRETE SHALL BE BURIED AT A
   A.) 24" UNDER FINISHED GRADE
   B.) 30" UNDER ROADS AND SIDEWALKS
   C.) 48" UNDER SLAB
2. PLASTIC IDENTIFICATION TAPE SHALL BE BURIED AT A DEPTH OF 1 FOOT ALONG THE ROUTE OF THE CABLE CONDUIT
3. CHILLER DISCONNECT SWITCH, CONNECT CABLE AND CONDUIT HERE
4. ALL ELECTRICAL EQUIPMENT SHALL BE ON A HOUSE KEEPING PAD
5. SEE DETAIL 9 ON DWG SS-501

ELECTRICAL EQUIPMENT LEGEND

1. (N) 2500KVA MINERAL OIL FILLED XFMR 13.2KV PRI./480V SEC.
2. (N) 3000A SWITCH BOARD
3. (N) 300KVA DRY TYPE XFMR 120/208V PRI./ 277/480V SEC.
4. (NOT USED)
5. (N) 225KVA DRY TYPE XFMR 120/208V PRI./480V SEC.
6. (N) 1000A DISCONNECT SWITCH
7. (N) UNI-STRUT MOUNTED POWER PANEL 1
8. (N) 30 KVA XFMR FOR POWER PANEL 1
9. (N) UNI-STRUT MOUNTED 800A DISCONNECT SWITCH FOR 225KVA XFMR
10. (N) UNI-STRUT MOUNTED POSI-LOK LOCKABLE ENCLOSURE
11. (N) 125A FUSED MEDIUM VOLTAGE DISCONNECT SWITCH

1 THERMAL STORAGE ELECTRICAL EQUIPMENT LAYOUT
SCALE: 1/4"=1'-0"

CONSTRUCTION DOCUMENTS

Revisions:	Date
ADDENDUM #1	06-11-12

CONSULTANTS:

Mechanical/Electrical/Plumbing/Structure:
THOMAS L. CHAPMAN, P.E.
MILLER-REMICK CORPORATION
PROFESSIONAL ENGINEER
PENNSYLVANIA LICENSE NO. PE044043R
SIGNATURE: _____

ARCHITECT/ENGINEERS:

Miller-Remick LLC
M.E.P. & Structural Engineering
A Veteran Owned Small Business
1010 KINGS HIGHWAY SOUTH
BUILDING ONE – 1st FLOOR
CHERRY HILL, NEW JERSEY 08034
PHONE: (856)429-4000
FAX: (856)429-5002

Drawing Title: THERMAL STORAGE AREA ELECTRICAL EQUIPMENT LAYOUT
SCALE: 1/4"=1'-0"

Approved: Project Director

Project Title: THERMAL STORAGE FOR CHILLER PLANT

Location: VA MED. CENTER, LEBANON, PA

Date: 6/11/2012 | Checked: SW | Drawn: VJA

Project Number: 595-11-131

Building Number: N/A

Drawing Number: EP-101

Dwg. 25 of 34

Office of Construction and Facilities Management

Department of Veterans Affairs

VA FORM 08-6231