

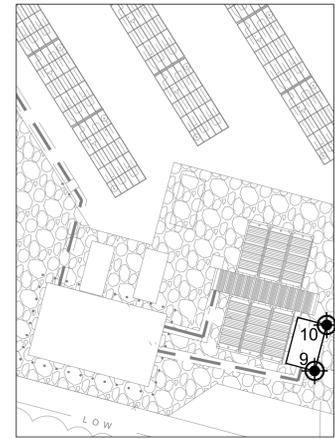
STACK CONTAINER GROUND  
CONSTRUCTION NOTE 2

CONSTRUCTION  
NOTE 1

WORKING POINT 9  
X - 617646.4,  
Y - 3042219.3

WORKING POINT 10  
X - 617651.3,  
Y - 3042237.7

0 3" 6" 1'  
SCALE: 1" = 1'-0"



LOCATION MAP  
NTS

**LEGEND:**

- EXOTHERMIC WELDS
- #2 AWG BARE CU WIRE
- EQUIPMENT GROUND ATTACHMENT
- GROUND WIRE PENETRATION IN CONCRETE

**GROUNDING NOTES:**

1. GROUND CONDUCTOR SHALL BE LAID IN CONTINUOUS LENGTHS IN AS FAR AS POSSIBLE & SHALL BE BURIED 2'-0" BELOW GROUND SURFACE.
2. GROUND RODS SHALL BE DRIVEN 2'-0" BELOW GROUND SURFACE.
3. ALL STEEL STRUCTURES AND EQUIPMENT TO BE GROUNDED TO GROUND GRID WITH LUGS AT BOTTOM OF STRUCTURES.
4. #2 COPPERWELD TO PENETRATE PAD FOR MISCELLANEOUS EQUIPMENT GROUNDS. CHECK OEM PRINTS FOR GROUND PAD LOCATION TO ESTABLISH GROUND TAIL PENETRATION POINTS.
5. RUN FENCE GROUND, 4/0 COPPERWELD, CONDUCTOR UP THE INSIDE FACE OF STATION FENCE.
6. SEE SHEETS MAN17077-D-1203 FOR GROUNDING DETAILS.
7. GROUND RODS TO BE COPPER CLAD STEEL 3/4" SECTIONAL ROD IN 10'-0" LENGTH.
8. PRIMARY GROUND CONDUCTOR SHALL BE #2 AWG BARE COPPER WIRE.
9. SLAB FOUNDATION REBAR TO BE CONNECTED TO GROUND GRID.
10. EQUIPMENT GROUNDING CONNECTIONS TO GRID TO BE #2 AWG COPPER.

**CONSTRUCTION NOTES:**

1. BOND TAIL TO CONCRETE REINFORCEMENT PRIOR TO POURING PAD.
2. ADJUST GROUND TAIL LOCATION TO MATCH WITH VIONX GROUND PAD LOCATION. CHECK VIONX STACK CONTAINER DRAWING FOR GROUNDING INFORMATION.
3. USE CONDUIT TRENCHES AS MUCH AS POSSIBLE FOR GROUND TAIL INSTALLATION. MAINTAIN 3" CLEARANCE BETWEEN GROUND ELECTRODE AND CONDUIT. SEE DWG's: MAN17077-D-1303 AND MAN17077-D-1308.

**REFERENCE DRAWINGS:**

- |                 |                                   |
|-----------------|-----------------------------------|
| MAN17077-D-0001 | BATTERY STORAGE LOCATION PLAN     |
| MAN17077-D-1203 | GROUNDING DETAILS                 |
| MAN17077-D-1303 | CONDUIT DETAILS - SHEET 1 OF 2    |
| MAN17077-D-1308 | CHILLER & HEATER PAD CONDUIT PLAN |

**ISSUED FOR  
CONSTRUCTION  
DEC. 24, 2017**



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<b>VIONX ENERGY 905-0522 BATTERY STORAGE SYSTEM SHIRLEY, MA</b>			
DRAFTER: JMK CHECKER: JBH		ENGR: SDE APPD: PLK	
DATE: 04 AUG 17 SCALE: 1" = 1'-0"		DATE: 12/22/2017	
DESCRIPTION: ISSUED FOR CONSTRUCTION			
<b>CHILLER &amp; HEATER PAD GROUNDING PLAN</b>			
DRAWING NO. MAN17077-D-1202			REV. 0

