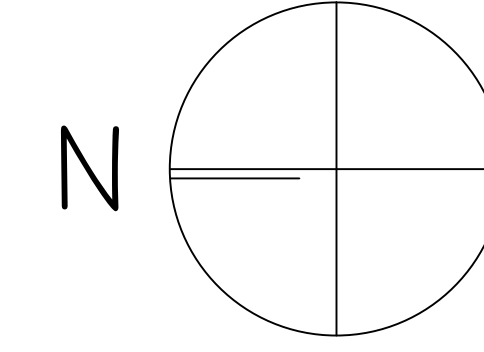
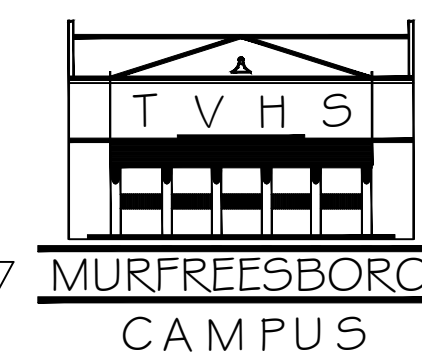


- 1 Provide and Install (1ea) 480V, 125 Amp, 3 Pole Breaker in Panel BEMC.
  - 2 Run (3ea) #1 and (1ea) #6 ground in 1.5 inch rigid conduit through sub-basement to Room B-01F
  - 3 Provide and Install (1ea) 125 Amp Knife-Blade disconnect. Square D or approved equal in Room B-01F
  - 4 From disconnect, run (3ea) #1 and (1ea) #6 ground in 1.5 inch EMT conduit to (1ea) Contractor provided and installed 75KVA step-down transformer (480V delta/220VY Dry type) Hung from ceiling at location identified by VA in Room B-01F.
  - 5 From transformer run (3ea) #250 KCMIL and (1ea) #2 ground in 3 inch rigid conduit through sub-basement. to Room B-02C
  - 6 Provide and Install (1ea) 225 Amp, 220V, 3 phase flush mounted panelboard (minimum 12 spaces). Panelboard shall include (3ea) 40 Amp, 220V, single phase bolt on breakers (Square D or approved equal)
- From panelboard run power to abators using solid #8 THHN with a #10 ground in 3/4 inch EMT conduit. Wire in abators as specified.



Tennessee Valley Healthcare System



Project Title : INSTALL SPS PROVIDED ETO ABATORS	Date : 10-31-2013
Drawing Title : ELECTRICAL PLAN	Project No. : 626-14-501
Approved By : [Signature]	DRAWING NO. : G-002
Location : VAMC, NASHVILLE, TN	Dwg. : 5 of 7
Building Number : ONE (1)	Checked By : [Signature]
Drawn By : [Signature]	

Department of  
Veterans Affairs