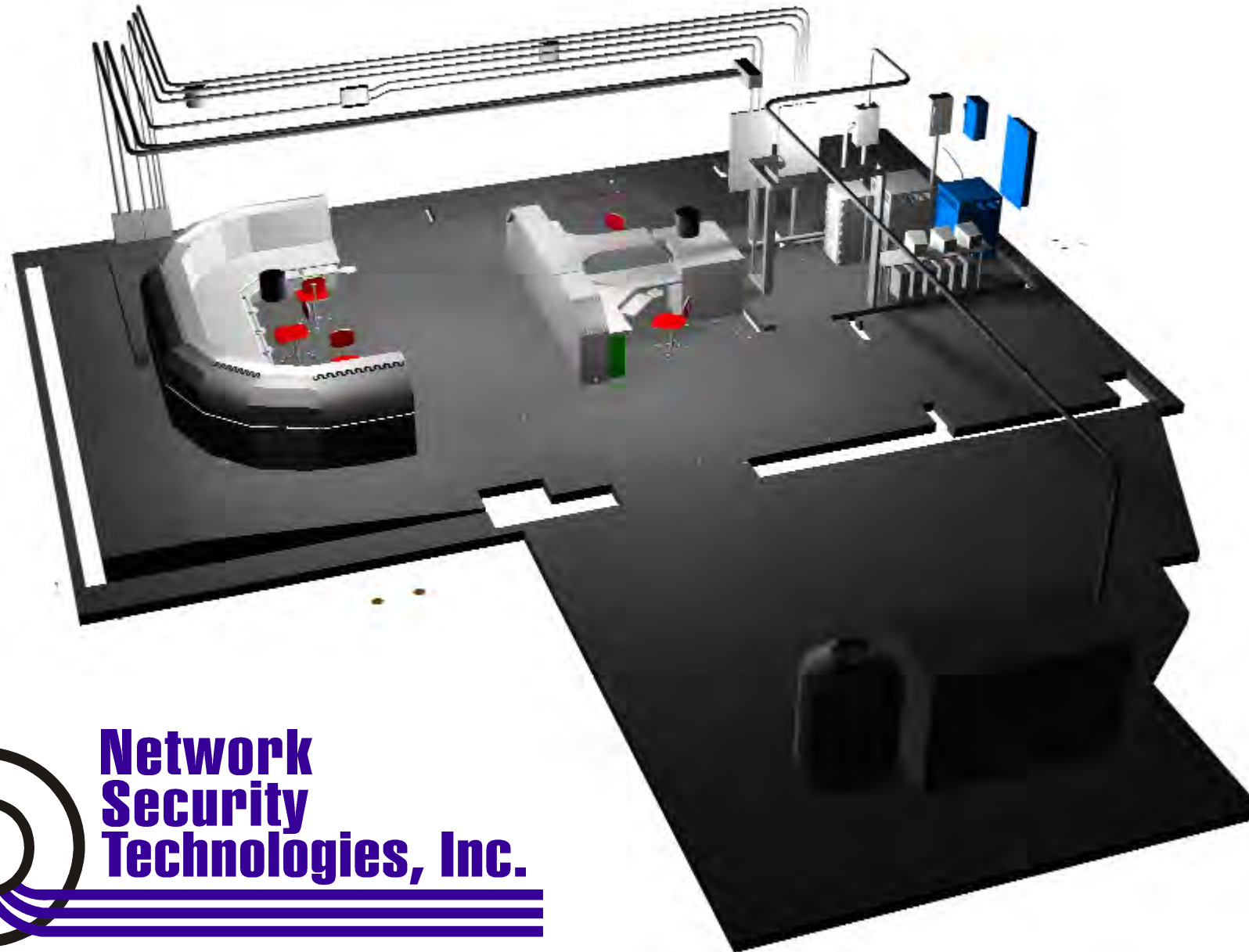


**Network Security Technologies, Inc.**

## **NSOC - SCOPE OF WORK**

*General Contractor - Electrical Contractor*



# Phase 1

## Electrical:

1. Obtain necessary permits and engineering approvals for inside work. Permit Phase 1 separately from Phase 2 (generator installation)
2. Pull 480 3PH circuit from parcel electrical demarcation point located near main entrance. Secondary circuit will be feeding one (1) 20kVA Critical Circuit (CC) and one (1) 30kVA Non-Critical Circuit. Size conduit and conductors accordingly (~150 ft)
3. Install and attach switchgear, transformer, panels and UPS according to drawings provided.
4. Install conduit for generator. Stub outside wall and cap. Note: If generator permit (Phase 2) is stalled or denied, install hook up and local disconnect for trailer mounted rental unit.
5. Install conduit and junctions for AC power and Class 2 wiring as shown. Note location of junction box for Non-critical ceiling circuits. Hang from joists and roof beam locations as required.
6. Install circuits for Main Console, Command Console, ceiling circuits and NSOC Wire-room as shown using wire directives for each area. GC to provide wire trough through Stage and Partition for Command Console. Use of MC OK for interconnect of AC CC and NC to furniture from panels. **NOTE:** If provision for power circuit distribution is not present in furniture, terminate each circuit using dual duplex “quad box” (4” square surface mount utility box). **Mark each circuit as to panel and circuit number!!**
7. Install Class 2 wire trough and rack in NSOC Wire-room as shown.

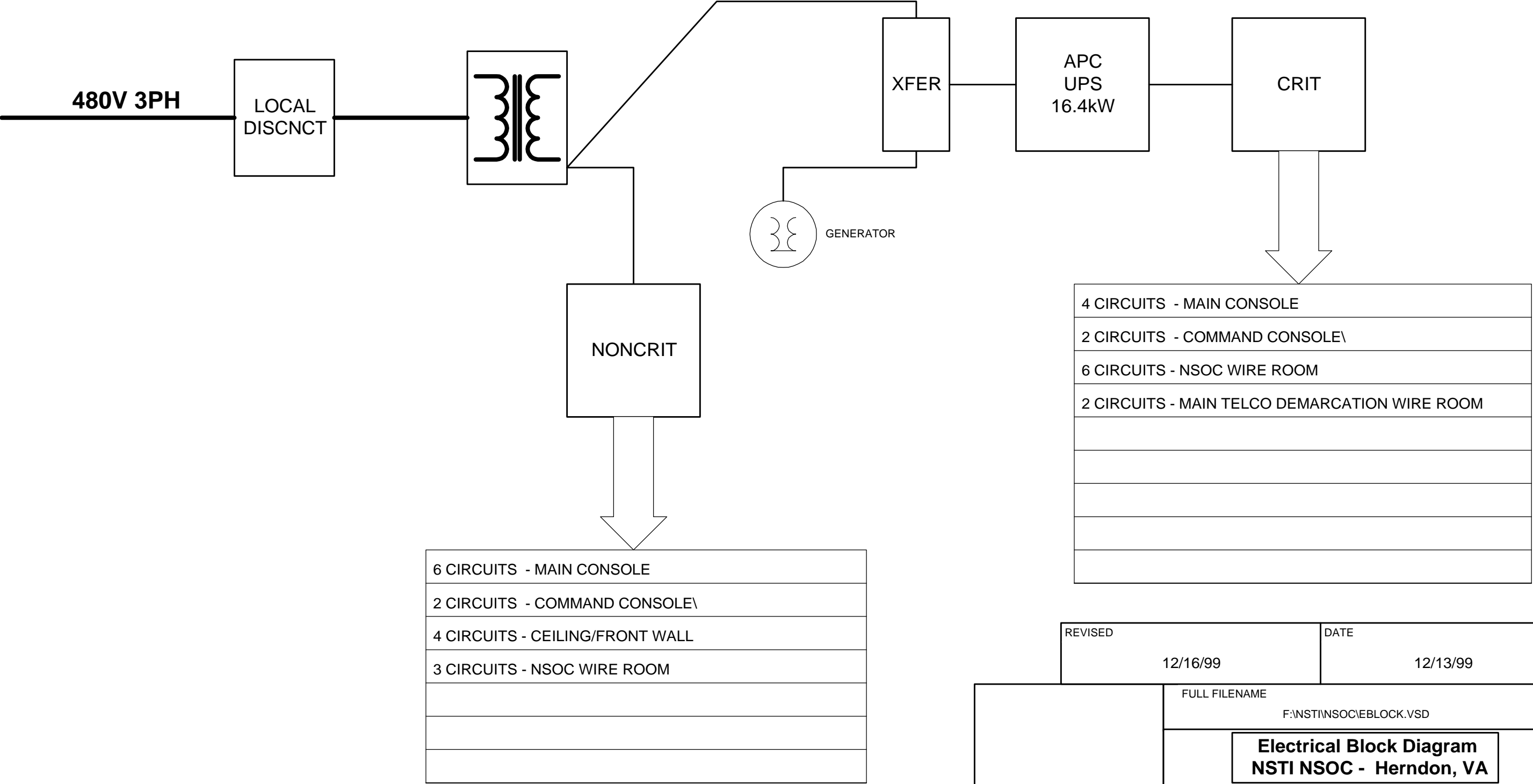
## GC:

1. Bolt and secure outside door using best method available. Tenant informs that Fire Marshall has OK’d door removal.
2. Stud and Drywall former door opening. Match paint/wall treatment
3. Build partition for Command Console. Match size to console tailpiece. Provision for wire access inside partition. Match to room décor.
4. Remove old projection ceiling mount from center of room. Replace ceiling tile.
5. Install hang-points on front wall for (2) flat screen displays TBD by tenant. Install two corner mounts for 25-27” TV in corners of room as TBD by tenant.

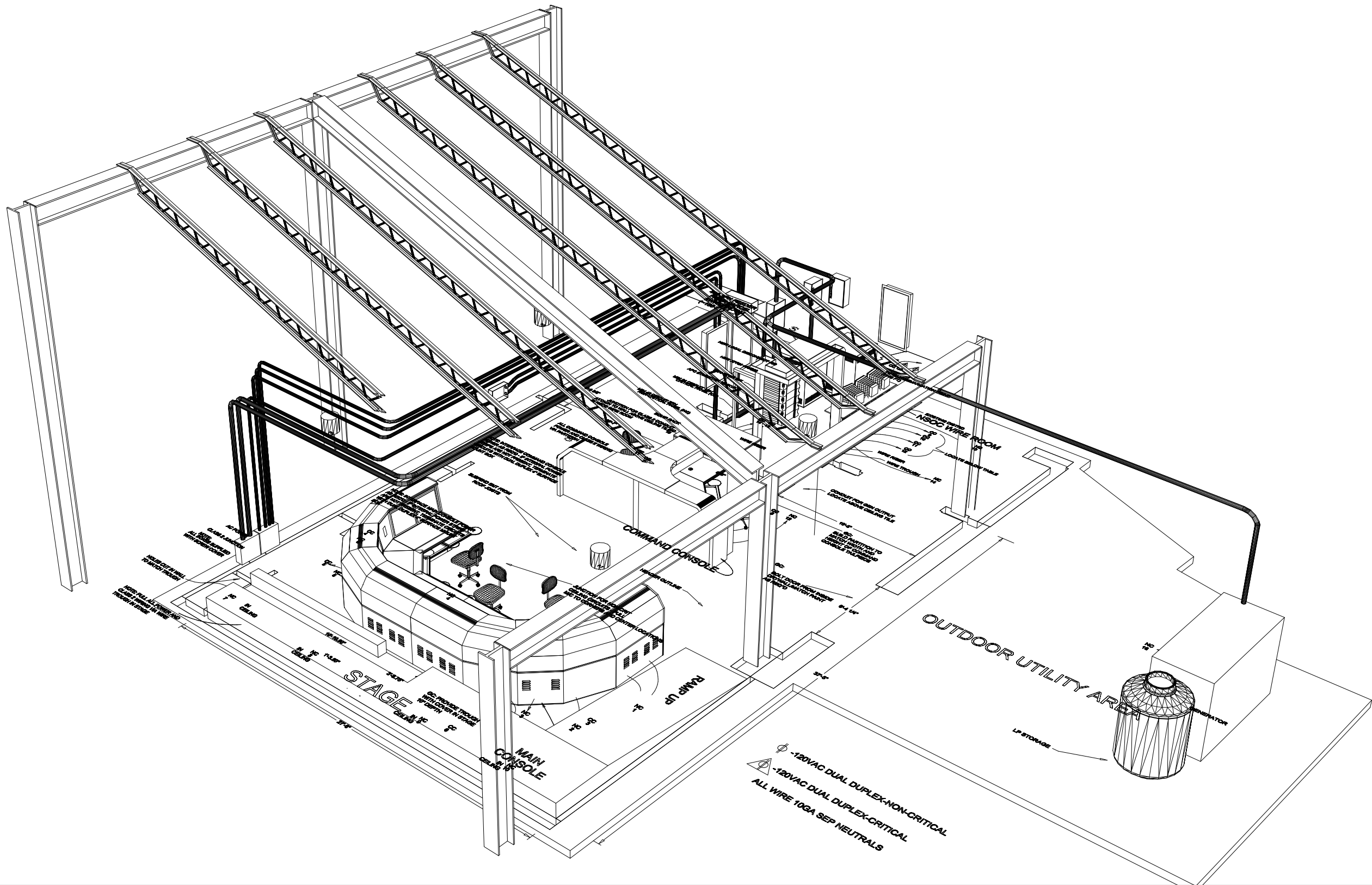
# Phase 2

## Electrical:

1. Obtain necessary permits and engineering approvals for generator. Generator to match 16kVA APC Symmetra UPS.
2. Install LP Gas fired generator at location shown. Install manifold to allow tank changeover
3. Install NC circuit as shown.
4. Train NSTI personnel as to proper testing and operation of generator.



REVISED		DATE		
12/16/99		12/13/99		
	FULL FILENAME			
	F:\NSTI\NSOC\EBLOCK.VSD			
	<div>Electrical Block Diagram NSTI NSOC - Herndon, VA</div>			
	SIZE	FSCM NO	DWG NO	REV
	SCALE	1 : 1		SHEET 1 OF 1



# 3D VIEW OF ROOM WITH WALLS AND CEILING AND CROSS BEAM REMOVED

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DWG SCALE	DEC.	RATIO	XP SCALE
1/2	1	1 TO 12	.083333
1/4	5	1 TO 24	.041666
1/8	25	1 TO 48	.020833
1/16	125	1 TO 96	.010416
1/32	625	1 TO 192	.005208
1/64	3125	1 TO 384	.002604
1/128	15625	1 TO 768	.001302
1/256	78125	1 TO 1536	.000651



Network  
Security  
Technologies, Inc.

ZONE	REV	DESCRIPTION	DATE	APPROVED
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UNLESS OTHERWISE SPECIFIED:  
DIMENSIONS ARE IN INCHES  
DECIMALS ARE TO THE NEAREST  
.001  
ANGULAR DIMENSIONS ARE TO THE  
NEAREST .010  
DO NOT SCALE DRAWING

DESIGNED BY  
WAMM/GMB

CHECKED BY  
WAM

DATE  
12-15-99

FILE NO.  
NSOC40

DWG NO.  
NSOC-3D-1

REV  
D1

SHEET 1 OF 2

Network Security Technologies, Inc.  
NSOC - Herndon, VA



DWG SCALE	DEC.	RATIO	XP SCALE
1		1 TO 12	.0833333
1/2	.5	1 TO 24	.0416666
1/4	.25	1 TO 48	.0208333
1/8	.125	1 TO 96	.0104166
1/16	.0625	1 TO 192	.0052083
1/32	.03125	1 TO 384	.0026042
1/64	.015625	1 TO 768	.0013021
1/128	.007812	1 TO 1536	.0006510