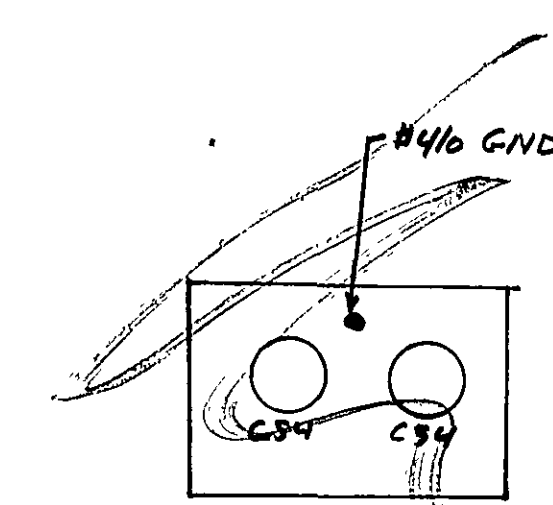
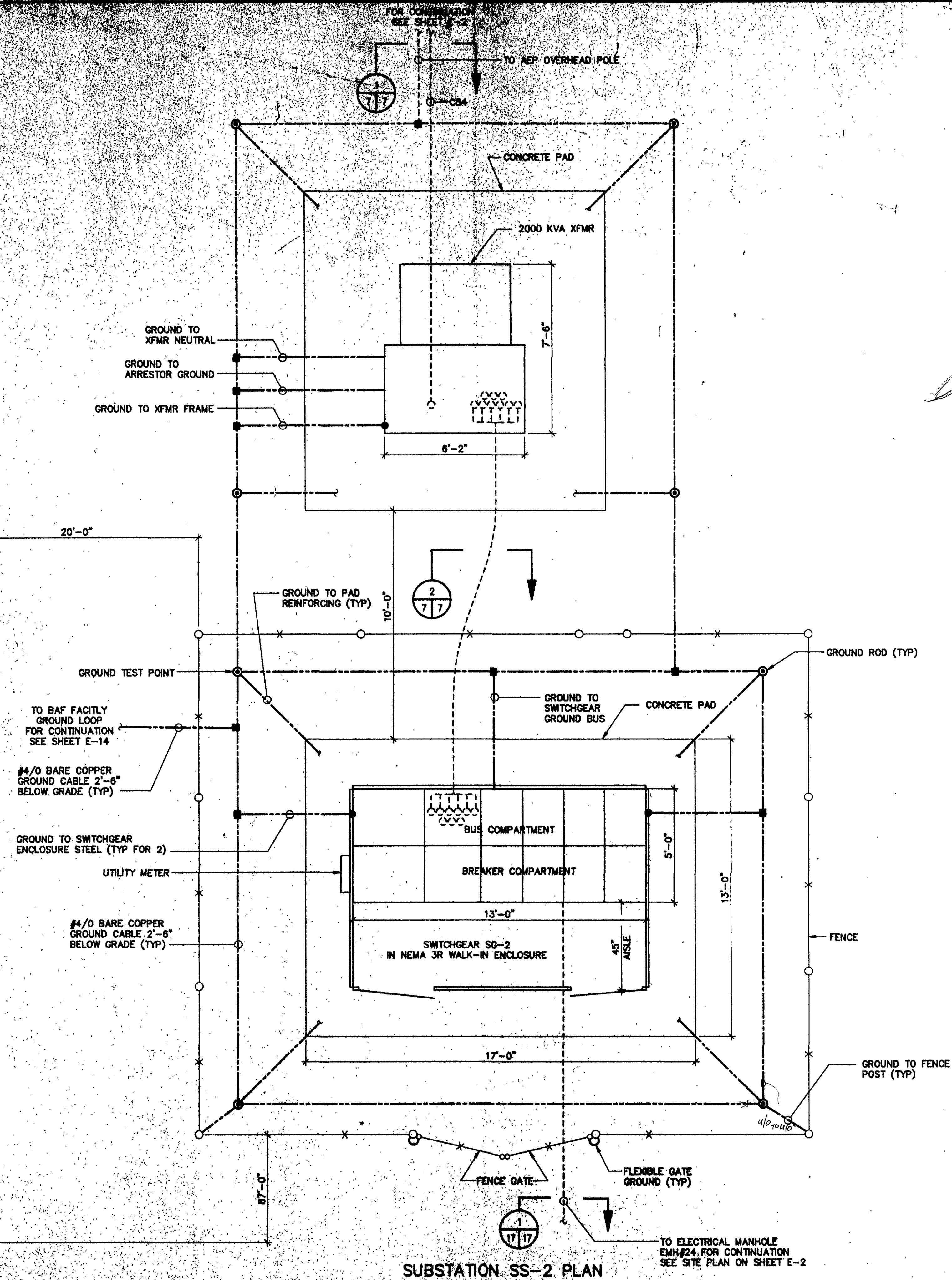


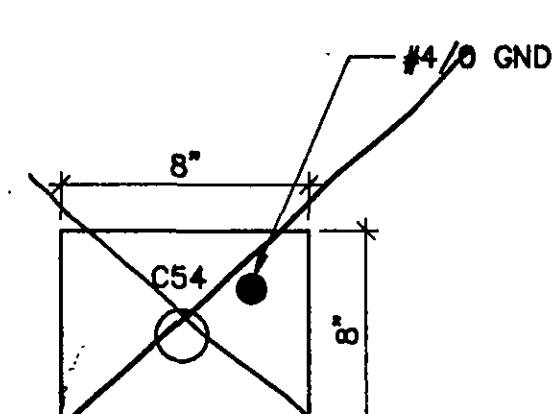
NOTES:

1. AREA CLASSIFICATION:

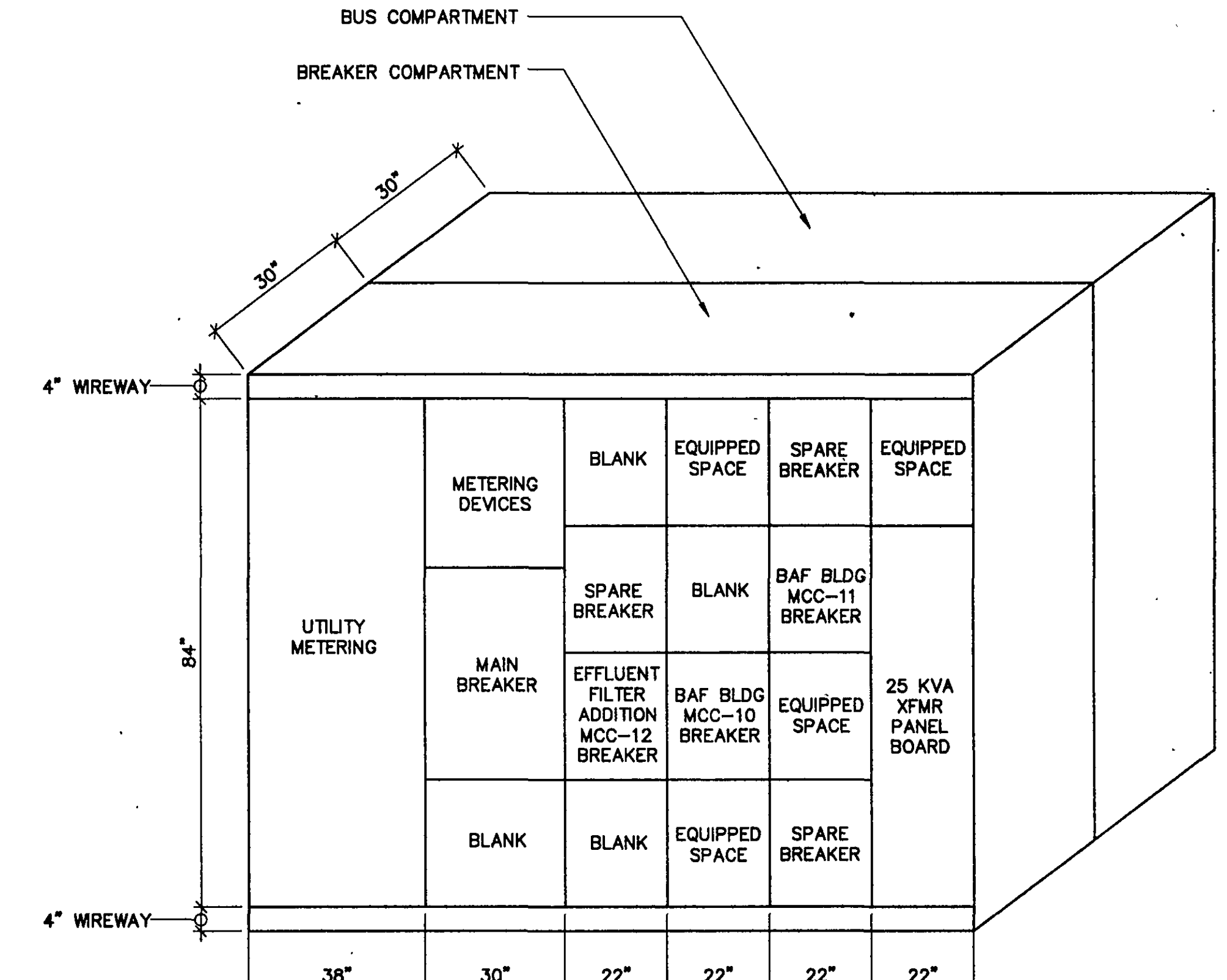
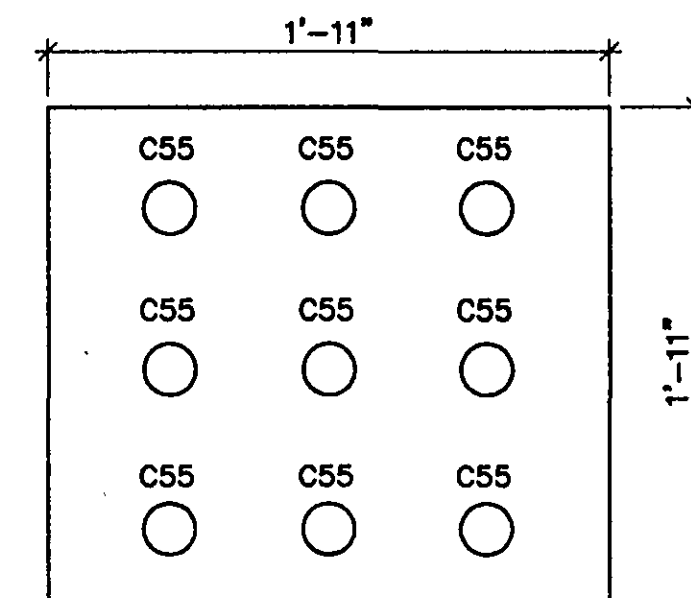
- SWITCHGEAR SG-2 INTERIOR IS CONSIDERED A DUSTY LOCATION. ALL EQUIPMENT, MATERIALS AND INCIDENTALS SHALL MEET NEMA 12 REQUIREMENTS. ALL EXPOSED CONDUITS SHALL BE PVC COATED RIGID STEEL.
 - ALL OUTDOOR AREAS ARE CONSIDERED WET LOCATIONS. ALL MATERIALS, EQUIPMENT AND INCIDENTALS SHALL MEET NEMA 4X REQUIREMENTS. ALL EXPOSED CONDUITS SHALL BE PVC COATED RIGID STEEL.
2. COORDINATE PAD DIMENSIONS WITH EQUIPMENT ACTUALLY FURNISHED. FOR CONCRETE PAD DETAILS SEE TYPICAL PAD DETAIL ON STRUCTURAL DRAWINGS.
3. SWITCHGEAR SG-2 DIMENSIONS ARE APPROXIMATE AND MAY VARY BASED ON MANUFACTURER OF EQUIPMENT.



SECTION 1
N.T.S.



SECTION 2
N.T.S.



SWITCHGEAR SG-2 FRONT VIEW (SEE NOTE 3)
N.T.S.

(NOTE: EQUIPMENT PAD AND NEMA 3R WALK-ENCLOSURE NOT SHOWN)

SUBSTATION SS-2 PLAN

RECORD DRAWINGS

MALCOLM PIRNIE

NO.	BY	DATE	REVISIONS
1	GP	10/1/97	ISSUED FOR PERMIT
2	GP	10/1/97	REVISED FOR RECORD

DESIGNED BY: G.M.J.K.
DRAWN BY: G.M.J.K.
CHECKED BY: J.K.



CITY OF ROANOKE, VIRGINIA
WATER POLLUTION
CONTROL PLANT
UPGRADE AND EXPANSION

ELECTRICAL
SUBSTATION SS-2
PLAN AND DETAILS
SCALE: 3/8"=1'-0"

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MALCOLM PIRNIE, INC.
DATE: MAY 1997
E SHEET 7 OF 36
CAD REF. NO. 00600002