






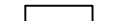
	FENCE
	4/0 AWG. S.D. BARE COPPER
	2/0 AWG. S.D. BARE COPPER
	GRID CONNECTORS: CADWELD TYPE
	SWITCH OPERATOR PLATFORM
	CONCRETE PAD
	CONCRETE PIER
	CABLE TRENCH
	STATIC POLE

SCALE: 1/16"=1'-0"

1. ALL APPARATUS (TRANSFORMERS, REGULATORS, CIRCUIT BREAKERS, ETC.) SHALL HAVE TWO SEPARATE CONNECTIONS TO GROUND GRID.
2. TRANSFORMER CONNECTIONS TO THE GROUND GRID SHALL BE PARALLEL 4/0 AWG BARE COPPER.
3. GROUND GRID SHALL BE BURIED A MINIMUM OF 30" BELOW STATION SUBGRADE.
4. LOCATE ALL UNDERGROUND FACILITIES (DUCT BANKS, TRENCH, CONTROL OR POWER CABLES, ETC.) BEFORE INSTALLING GRID CONDUCTORS. COORDINATE CONSTRUCTION WITH BELOW GRADE UTILITIES.
5. SWITCH OPERATOR PLATFORMS SHALL BE LOCATED ON THE SAME SIDE OF SWITCH OPERATING HANDLE.
6. GROUND GRID MUST BE INSTALLED BEFORE THE OIL CONTAINMENT SYSTEM.
7. INSTALL GROUND GRID BEFORE INSTALLING CABLE TRENCH. COORDINATE CONSTRUCTION EFFORTS.
8. INSTALL 2/0 AWG. CU. GROUND ALONG LENGTH OF ALL TRENCH. SUPPORT GROUND AT TOP OF TRENCH INSIDE WALL. BOND TO GROUND GRID AT EACH INTERSECTION ALONG LENGTH OF TRENCH.

SITE PLAN . . . . .	12503S1
GROUNDING DETAILS . . . .	12503G2
CONDUIT PLAN . . . . .	12503C1
FOUNDATION PLAN . . . . .	12503FP1

[illegible]

PROJECT NAME: <b>BLACK &amp; DECKER</b> <b>69 TO 15 X 25 kV SUBSTATION</b>	DRAWING TITLE:	
	<b>BLACK AND DECKER</b> <b>69KV TO 15 KV SUBSTATION</b> <b>GROUNDING PLAN</b>	
	DRAWN BY: JRT	
	CHECKED BY: MFC	
	APPROVED BY: JBS	
	DATE: 10/07/2020	
SCALE: 1/16"=1'-0"		
FILE NUMBER: 12502GT_G2		
SHEET:		

**Booth  
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