



PRIMARY CIRCUIT DESIGNED AND
INSTALLED BY OWNER. DEPICTION HERE IS
CONCEPTUAL ONLY.

- SYMBOL LEGEND:**
- GROUND ROD (SEE DETAIL 1 LEFT)
 - EXOTHERMIC WELDED CONNECTION
 - COMPRESSION LUG TO BOLTED CONNECTION
 - 4/0 BARE STRANDED COPPER GROUND GRID CONDUCTOR

- NOTES:**
- INSTALL 4/0 AWG BARE COPPER GROUND RING 3 FEET AROUND NEW GENERATORS AND TRANSFORMERS. USING EXOTHERMIC WELDS AND COMPRESSIONS LUGS TO BOND THE GROUND RING TO THE EQUIPMENT.
 - ALL CONDUITS SHOWN ON THIS SHEET SHALL BE PVC SCH 40 HOWEVER RIGID STEEL ELBOWS SHALL BE USED FOR 90 DEGREE BENDS. CONDUITS ABOVE GRADE SHALL BE IMC.
 - PRE-CAST TRANSFORMER PAD SHALL BE PROVIDED BY OWNER AND INSTALLED BY GUC.
 - CONDUIT STUB-UP DIMENSIONS ARE REFERENCED OFF OF THE GENERATOR FOUNDATION, SEE STRUCTURAL DRAWINGS FOR MORE FOUNDATION DETAILS.

NO.	1A
REVISIONS	BOVIET SUBSTATION PRELIMINARY DESIGN RMC 3/23/2026

PRELIMINARY

		GREENVILLE UTILITIES Greenville, North Carolina
BOVIET SUBSTATION 115 TO 15 kV GEN No. 1 & 2 FOUNDATION DETAIL 3		
DWN.	DATE	DWG. NO.
CKD.	APPD.	
SCALE: NONE		