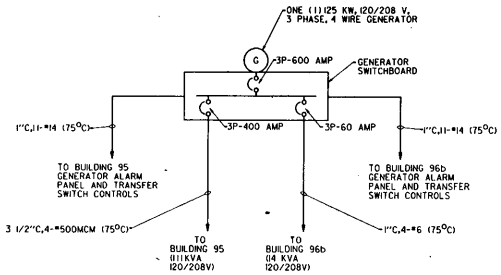
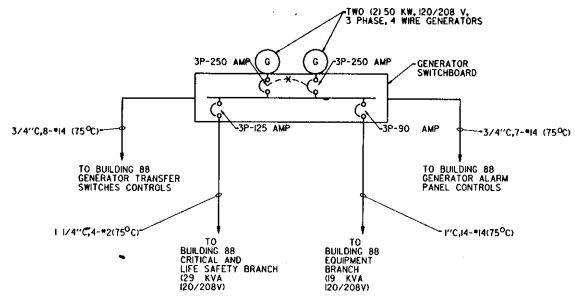


EMERGENCY GENERATOR SET "G1" RISER

NO SCALE



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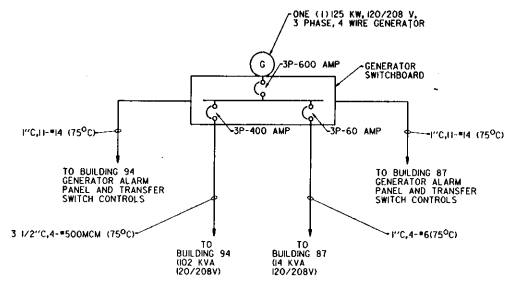

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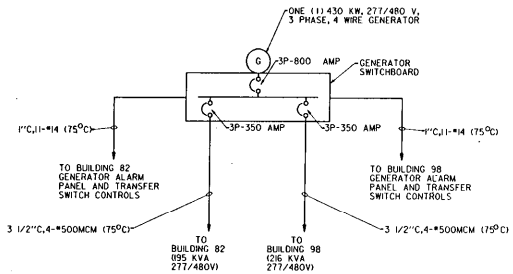
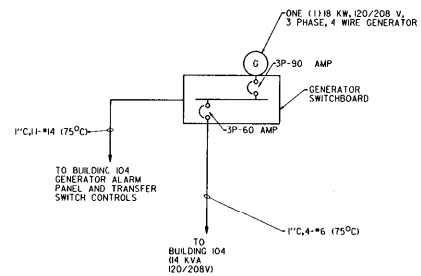


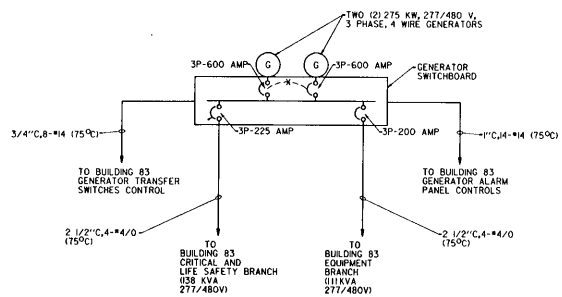
EMERGENCY GENERATOR SET "G4" RISER

NO SCALE



EMERGENCY GENERATOR SET "G5" RISER

NO SCALE



EMERGENCY GENERATOR SET "G6" RISER

NO SCALE

NOTES:

1. A 20 AMP DUPLEX RECEPTACLE NEMA 5-20R SHALL BE CONTRACTOR FURNISHED AND CONTRACTOR INSTALLED AT EACH GENERATOR SET.
2. CIRCUITS FOR GENERATOR BATTERY CHARGER, DUPLEX RECEPTACLE AND JACKET WATER HEATER SHALL BE FED FROM THE NEAREST BUILDING SERVED BY RESPECTIVE GENERATOR. REFER TO RESPECTIVE BUILDING PANEL SCHEDULE FOR CIRCUIT NUMBERS. WHERE DUPLICATE BUILDINGS ARE SERVED FROM ONE GENERATOR SET, THE CIRCUITS FROM THE NEAREST BUILDING SHALL BE THE ONLY ONES REQUIRED. ALL FEEDERS SHALL BE VERIFIED BY SITE ADAPT ENGINEER AFTER FINAL GENERATOR LOCATION HAS BEEN SELECTED.
3. THE RMS SHORT CIRCUIT INTERRUPTING RATING OF THE GENERATOR SWITCHBOARD BREAKERS SHALL BE DETERMINED AND SIZED IN ACCORDANCE WITH THE ACTUAL EMERGENCY GENERATOR CHARACTERISTICS.
4. ALL WIRING SHALL BE SINGLE CONDUCTOR CABLE IN PVC CONDUIT RUN UNDERGROUND. FEEDER CIRCUITS SHALL INCLUDE CODE SIZE GROUND WIRE WITH CONDUIT SIZE MODIFIED ACCORDINGLY.
5. SITE ADAPT ENGINEER SHALL VERIFY FEEDER SIZE FROM EMERGENCY GENERATOR TO INDIVIDUAL BUILDING TO AVOID EXCESSIVE VOLTAGE DROP.

Symbol	Description	Date	Approved
	Revisions		

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GREENVILLE, SOUTH CAROLINA

US ARMY ENGINEER DIVISION HUNTSVILLE
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Site adapt A/E :

ARMY MOBILIZATION DESIGNS
US Army Corps of Engineers

500 BED HOSPITAL

ELECT SITE PL-EMERG GEN RISER

Dwn. by : MPL
Ckd. by : JML
Reviewed by : WHA
Approved by : RSB
Date : 14 MAY 84
Drawing code : M 510-10-S
Sheet reference number : E-3
Design file no. : M0500ESP3
Rev.
Sheet 3 of 6

T/5-D/