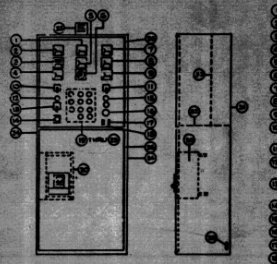
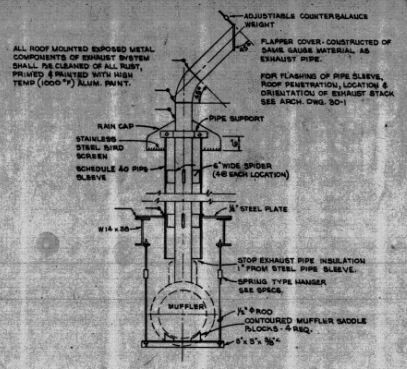
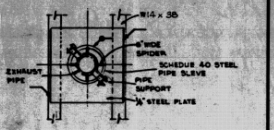


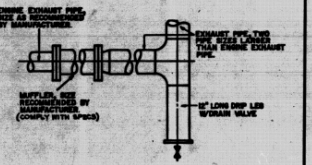
GENERATOR CONTROL PANEL DETAIL
NOT TO SCALE

1. FREQUENCY METER
2. A.C. VOLTMETER 0-300V.
3. SLAPPED TYPE INDICATOR
4. COOLANT TEMPERATURE
5. ENGINE LUBE OIL PRESSURE
6. K.W. METER 0-200 KW.
7. A.C. AMMETER 0-600A.
8. TACHOMETER 0-2000 RPM
9. FUEL PRESSURE
10. VOLTMETER SELECTOR SWITCH L-L 60-L-N 30
11. AMMETER SELECTOR SWITCH
12. AMBER LIGHT - FLASHING WHEN SELECTOR SWITCH IS IN MANUAL POSITION.
13. MODE SELECTOR SWITCH MANUAL-OFF-AUTOMATIC
14. VOLTAGE LEVEL RHEOSTAT
15. MANUAL START-STOP PUSH BUTTONS
16. EMERGENCY STOP - RED MUSHROOM HEAD P.B.
17. TEST SWITCH
18. SILENCING SWITCH
19. LOW COOLANT TEMPERATURE
20. ENGINE OVERCRANK
21. PRE ALARM HIGH COOLANT TEMP.
22. HIGH COOLANT TEMP
23. PRE ALARM - LOW LUBE OIL PRESS.
24. LOW LUBE OIL PRESS.
25. ENGINE OVER SPEED
26. LOW LEVEL DAY TANK
27. LOW LEVEL MAIN TANK
28. LOW COOLANT LEVEL - AT REST
29. GREEN LIGHT - FLASHING WHEN GENERATOR BREAKER IS IN THE TRIPPED OR OPEN POSITION.
30. MOLDED CASE CIRCUIT BREAKER WITH SOLID STATE TRIPPING. CIRCUIT BREAKER TO HAVE BACK CONNECTING STUDS.
31. PIPED REAR PANEL
32. STEEL BARRIER
33. GROUND BUS
34. REMOVEABLE SIDE PANEL
35. AUDIABLE ALARM
36. PIANO HINGE
37. THE CIRCUIT BREAKER SHALL HAVE AUX. SWITCHES MOUNTED INTERNALLY IN EITHER RIGHT OR LEFT POLE TO PROVIDE INDICATION WHEN THE CIRCUIT BREAKER IS IN THE OPEN OR TRIPPED POSITION. 3P, 800A. FRAME, 800A. SENSOR, L.T., S.T., INST. LONG TIME PICK UP 0.8, FULLY RATED, 65000 A.I.C. @ 240V.
38. LOW COOLANT TEMPERATURE

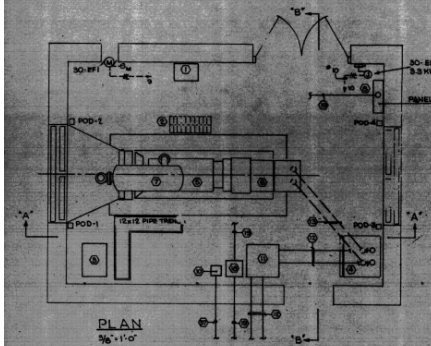




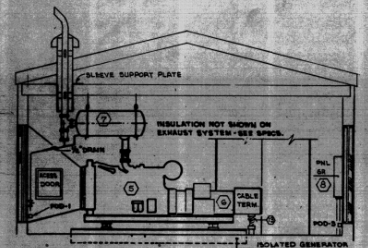
EXHAUST PIPE SUPPORT DETAIL
NOT TO SCALE



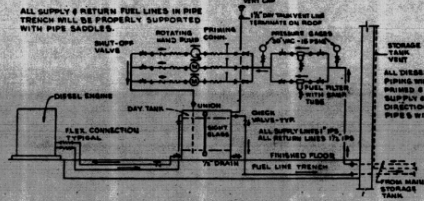
EXHAUST PIPE DETAIL
NOT TO SCALE



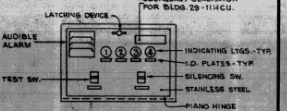
PLAN
⅜"=1'-0"



SECTION "A-A"
NOT TO SCALE

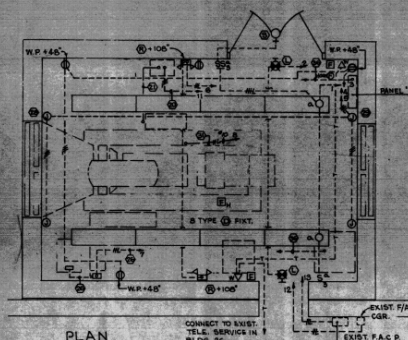


FUEL OIL PIPING SYSTEM
NOT TO SCALE



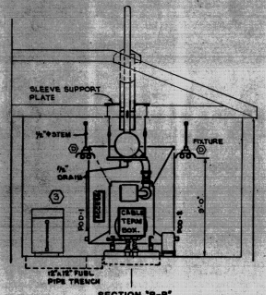
① RED INDICATING LIGHT - ENGINE RUNNING
② AMBER INDICATING LIGHT - FLASHING ENGINE FAILURE.
③ GREEN INDICATING LIGHT - FLASHING GENERATOR BREAKER OPEN OR TRIPPED.
④ BLUE INDICATING LIGHT - FLASHING PANEL "GR" MAIN BREAKER OPEN OR TRIPPED.

REMOTE DERAMGEMENT PANEL
-SURFACE MOUNTED - BLDG. No. 11
N.T.S.

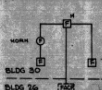


PLAN
⅜"=1'-0"

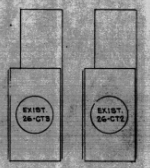
DISCONNECT EXIST. FACP & CGR FROM NORMAL POWER SOURCE & RECONNECT TO EMERG. PWR. "GR" CCT'S 12 & 19 IN BLDG. 30.

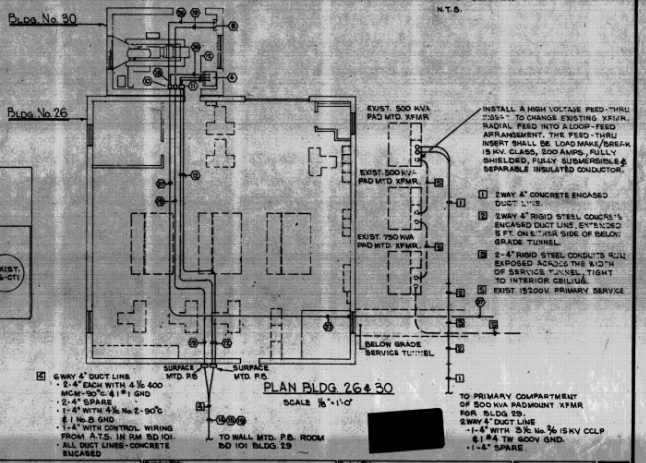


SECTION "B-B"
NOT TO SCALE



EXIST. FACP BLDG. 26. THIS FACP CONTAINS 2 SPARE ZONE SPACES. CONNECT THE FA SYSTEM OF BLDG. 30 TO THE EXIST. FACP & INSTALL REQUIRED MODULE CARDS TO MAKE THE NEW SYSTEM OPERATIONAL.





PLAN BLDG. 26 & 30
SCALE ⅜"=1'-0"

4 WAY 4" DUCT LINE
- 2-4" EACH WITH 4 ⅜ 600 MCM-90°C-6 1ø GND
- 2-4" SPARE
- 1-4" WITH 4 ⅜ No. 2-90°C 1 No. 8 GND
- 1-4" WITH CONTROL WIRING FROM A.T.S. IN RM BD 101
- ALL DUCT LINES - CONCRETE ENCASED

Drawing Title: GENERATOR PLANS & DETAILS	Project Title: 120 BED NURSING HOME CARE UNIT			Date: 5-27-88
Approved: Division Chief — J.A. Stefanowski	Building Number: 30	Checked: A.P.	Drawn: W.A.R.	Project No.: 504-031
Approved: Service Director — J. L. Tyson	Location: VAMC, AMARILLO, TEXAS			DRAWING NO.: 30-E1

Veterans Administration