PANEL "86HT" SURFACE MOUNTED CLASS 1
277/480 V. 3Ø, 4W, 60HZ
400 AMP MAIN BUS
SOLID NEUTRAL AND GROUND BUS

CONNECTED LOAD 139.95 KVA
DEMAND LOAD 167.71 KVA

REMARKS: ALL BREAKERS SHALL HAVE 18,000 AMP SYMMETRICAL SHORT CIRCUIT CAPACITY

3P-300 AMP MAIN BREAKER

ITEM	LOAD	BKR	BKR	LOAD	ITEM
141-144, 146, 148, 151 RMS 133, 135, 136, 139, 140 LTS	3.88	IP-20			
154, 155, 156 RMS 150, 152, 153 LTS	2.17	IP-20	3P-70	30.21	CONDENSING UNIT #1
113, 114, 120, 121, 123 RMS 101-103, 105, 108-111 LTS	3.44	IP-20			
130, 132 RMS 115-119, 125, 127, LTS	2.61	IP-20	3P-70	30.21	CONDENSING UNIT #2
SPARE	0.60	IP-20			
SPARE	0.60	IP-20			
SPARE	0.60	IP-20			
SPACE	0.60	IP-	3P-70	40.54	PANEL 86LI
SPACE	0.60	IP-			
SPACE	0.60	IP-			
SPACE	0.60	IP-	3P-50	22.66	PANEL 86HXI
SPACE	0.60	IP-			
SPACE	0.60	IP-			
SPACE	0.60	IP-	3P-100	56.63	PANEL 86MPX
SPACE	0.60	IP-			

PANEL "86HXI" FLUSH MOUNTED CLASS 1
277/480 V. 3Ø, 4W, 60HZ
100 AMP MAIN BUS
SOLID NEUTRAL AND GROUND BUS

CONNECTED LOAD 22.66 KVA
DEMAND LOAD 18.85 KVA

REMARKS: ALL BREAKERS SHALL HAVE 10000 AMP SYMMETRICAL SHORT CIRCUIT CAPACITY

3P-50 AMP MAIN BREAKER

ITEM	LOAD	BKR	BKR	LOAD	ITEM
SPARE	0.60	IP-20			
SPARE	0.60	IP-20	3P-25	9.53	FURNACE#1
SPARE	0.60	IP-20			
SPARE	0.60	IP-20			
SPARE	0.60	IP-20	3P-25	9.53	FURNACE#2
SPARE	0.60	IP-20			

PANEL "86LI" FLUSH MOUNTED CLASS 1
120/208 V. 3Ø, 4W, 60HZ
225 AMP MAIN LUGS
SOLID NEUTRAL AND GROUND BUS

CONNECTED LOAD 40.54 KVA
DEMAND LOAD 31.36 KVA

REMARKS: ALL BREAKERS SHALL HAVE 10000 AMP SYMMETRICAL SHORT CIRCUIT CAPACITY

ITEM	LOAD	BKR	BKR	LOAD	ITEM
RMS 108, 109 RECPS	0.72	IP-20	IP-20	0.72	RMS 118, 119 RECPS
RMS 108, 109 RECPS	0.72	IP-20	IP-20	0.72	RMS 118, 119 RECPS
RMS 103, 104, 105, 106 RECPS	1.08	IP-20	IP-20	0.90	RMS 125, 126, 127, 128 RECPS
RMS 113, 116 RECPS	1.08	IP-20	IP-20	0.72	RMS 133, 134, 135 RECPS
RMS 102, 114, 117, 121 RECPS	1.26	IP-20	IP-20	0.54	RMS 140, 141 RECPS
RMS 155, 156, 157 RECPS	0.72	IP-20	IP-20	0.54	RMS 140, 141 RECPS
RMS 153, 154 RECPS	0.54	IP-20	IP-20	1.08	RMS 146, 148 RECPS
RMS 153, 154 RECPS	0.54	IP-20	IP-20	0.54	RMS 141, 142 RECPS
RMS 152, 153 RECPS	0.54	IP-20	IP-20	0.54	RMS 141, 142 RECPS
RMS 152, 153 RECPS	0.54	IP-20	IP-20	0.60	SPARE
RMS 142, 148 RECPS	1.26	IP-20	IP-20	0.60	SPARE
REF #1, REF #5, REF #6, WEF #2	1.46	IP-20	IP-20	0.60	RM 147 WATER COOLER
REF #3, WEF #4	0.90	IP-20	IP-20	0.60	RM 102 WATER COOLER
SPARE	0.60	IP-20	IP-20	0.60	SPARE
SPARE	0.60	IP-20	IP-30	2.60	R6250 TOASTER
WATER HEATERS (2)	1.06	IP-20	IP-	0.60	SPACE
RECIRCULATING PUMPS (2)	1.06	IP-20	IP-	0.60	SPACE
SPARE	0.60	IP-20	IP-	0.60	SPACE
STEAM BOILER	6.00	3P-30	IP-20	1.26	RMS 112, 117, 122, 136, 147, 157 RECPS
			2P-30	4.50	FOOD TRAY CART K1280

PANEL "86LXI" FLUSH MOUNTED CLASS 1
120/208 V. 3Ø, 4W, 60HZ
225 AMP MAIN LUGS
SOLID NEUTRAL AND GROUND BUS

CONNECTED LOAD 38.09 KVA
DEMAND LOAD 31.92 KVA

REMARKS: ALL BREAKERS SHALL HAVE 10,000 AMP SYMMETRICAL SHORT CIRCUIT CAPACITY

ITEM	LOAD	BKR	BKR	LOAD	ITEM
RMS 134, 138, 143, 157 LTS	1.14	IP-20			
RMS 107, 121, 122 MIRROR LTS	0.50	IP-20	3P-70	18.72	RM 137 NOURISHMENT STATION W5551
MIRROR RMS 104, 106, 126, 128, LTS	0.40	IP-20			
W5250 MEDICAL SERVICE CENTER	1.07	IP-20	IP-20	0.36	RM 142 RECPS
RMS 153, 154 RECPS	0.36	IP-20	IP-20	0.36	RMS 141, 142 RECPS
RMS 154, 156 RECPS	0.54	IP-20	IP-20	0.36	RMS 141, 142 RECPS
RMS 153, 154 RECPS	0.36	IP-20	IP-20	0.54	RMS 133, 140 RECPS
RM 152 RECPS	0.36	IP-20	IP-20	0.36	RMS 140, 141 RECPS
RMS 152, 153 RECPS	0.36	IP-20	IP-20	0.36	RMS 140, 141 RECPS
RMS 152, 153 RECPS	0.36	IP-20	IP-20	0.36	RM 138 RECPS
RMS 103, 105 RECPS	0.36	IP-20	IP-20	1.08	RMS 131, 136, 137, 138 RECPS
RM 109 RECPS	0.36	IP-20	IP-20	1.18	R6200 RMS 139, 151 RECPS
RMS 108, 109 RECPS	0.36	IP-20	IP-20	0.36	NURSE STATION POWER RM 129
RMS 108, 109 RECPS	0.36	IP-20	IP-20	0.36	NURSE STATION POWER RM 123
RM 118 RECPS	0.36	IP-20	IP-20	0.18	ROOM RM 150 MECHANICAL RECPS
RMS 118, 119 RECPS	0.36	IP-20	IP-20	0.18	BOARD RM 150 TELEPHONE RECP
RMS 118, 119 RECPS	0.36	IP-20	IP-20	0.36	ROOM RM 111 MECHANICAL RECPS
RMS 125, 127 RECPS	0.36	IP-20	IP-20	0.60	SPARE
RM 119 RECPS	0.36	IP-20	IP-20	0.60	SPARE
RMS 123, 124 RECPS	1.08	IP-20	IP-20	0.60	CONTROL PANEL RM 150 DAY-NIGHT TEMPERATURE
REFRIGERATOR, PAN STERILIZER RM 123 S6700, R6200 RECPS	0.80	IP-20	IP-20	0.60	CONTROL PANEL RM 111 DAY-NIGHT TEMPERATURE

PANEL "86HX2" FLUSH MOUNTED CLASS 1
277/480 V. 3Ø, 4W, 60HZ
125 AMP MAIN LUGS
SOLID NEUTRAL AND GROUND BUS

CONNECTED LOAD 6.74 KVA
DEMAND LOAD 6.74 KVA

REMARKS: ALL BREAKERS SHALL HAVE 10,000 AMP SYMMETRICAL SHORT CIRCUIT CAPACITY

ITEM	LOAD	BKR	BKR	LOAD	ITEM
153, 154, 156 RMS 132, 140, 141, 142, 152, LTS	2.18	IP-20	IP-20	0.60	SPARE
RMS 102, 110, 112 LTS	1.34	IP-20	IP-20	0.60	SPARE
RMS 115, 117 LTS	0.84	IP-20	IP-20	1.18	RMS 131, 137, 138 LTS

PANEL "86LX2" FLUSH MOUNTED CLASS 2
120/208 V. 3Ø, 4W, 60HZ
60 AMP MAIN BUS
SOLID NEUTRAL AND GROUND BUS

CONNECTED LOAD 8.20 KVA
DEMAND LOAD 8.20 KVA

REMARKS: ALL BREAKERS SHALL HAVE 10000 AMP SYMMETRICAL SHORT CIRCUIT CAPACITY

3P-60 AMP MAIN BREAKER

ITEM	LOAD	BKR	BKR	LOAD	ITEM
GENERATO JACKET WATER HEATER	2.50	2P-20	IP-20	1.00	GENERATOR BATTERY CHARGER & RECEPTACLE
			IP-20	1.00	GENERATOR BATTERY CHARGER & RECEPTACLE
GENERATO JACKET WATER HEATER	2.50	2P-20	IP-20	0.60	SPARE
			IP-20	0.60	SPARE

PANEL "86MPX" SURFACE MOUNTED CLASS 1
277/480 V. 3Ø, 4W, 60HZ
100 AMP MAIN BUS
SOLID NEUTRAL AND GROUND BUS

CONNECTED LOAD 56.63 KVA
DEMAND LOAD 50.46 KVA

REMARKS: ALL BREAKERS SHALL HAVE 10,000 AMP SYMMETRICAL SHORT CIRCUIT CAPACITY

3P-90 AMP MAIN BREAKER

ITEM	LOAD	BKR	BKR	LOAD	ITEM
PANEL "86LXI" PANEL "86LX2"	46.29	3P-70	3P-30	6.74	PANEL "86HX2"
SPACE	0.60	IP-	IP-	0.60	SPACE
SPACE	0.60	IP-	IP-	0.60	SPACE
SPACE	0.60	IP-	IP-	0.60	SPACE

Symbol	Description	Date	Approved
	Revisions		

J. E. SIRRINE COMPANY
ARCHITECT - ENGINEER DIVISION
GREENVILLE, SOUTH CAROLINA

US ARMY ENGINEER DIVISION HUNTSVILLE
CORPS OF ENGINEERS
HUNTSVILLE, ALABAMA

Site adapt A/E :

ARMY MOBILIZATION DESIGNS
US Army Corps of Engineers

WARD - 46 BED

PANEL SCHEDULES

Dwn. by : WLS | Ckd. by : JML

Reviewed by : WHA | Date : 14 MAY 84 | Sheet reference number : E-8 | Design file no. : M086E08 | Rev.

Approved by : RSB | Drawing code : M 510-10-F | Sheet 8 of 11

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