

PANELBOARD SCHEDULE											
PANELBOARD		LOCATION		ELECTRICAL ROOM 210		VOLTAGE		208/120V 3PH, 4W			
TYPE		SURFACE		PROVIDE W/ 200% NEUTRAL BUS		MAIN		125A MB I.C. SYM. 10,000A			
CIR. NO.	CIRCUIT DESIGNATION	CIR. WATTS	TRIP/LOAD	PHASE LOAD (VOLT - AMPS)			TRIP/LOAD	CIR. WATTS	CIRCUIT DESIGNATION	CIR. NO.	
				Ø A	Ø B	Ø C					
1	SURGE PROTECTION DEVICE		X/3	1100			20/1	1100	RECEPTS - CLASSROOMS 208,209	2	
3					1100		20/1	1100	RECEPTS - CLASSROOMS 208,209	4	
5						1300	20/1	1300	RECEPTS - CLASSROOMS 208,209	6	
7	AUDITRM PROJECTOR & SCREEN	400	20/1	1300			20/1	900	RECEPTS - CLASSROOMS 209,211	8	
9	RECEPTACLES - AUDITORIUM	900	20/1		1800		20/1	900	RECEPTS - CLASSROOMS 209,211	10	
11	RECEPTACLES - AUDITORIUM	900	20/1			1800	20/1	900	RECEPTS - CLASSROOMS 209,211	12	
13	AUDITORIUM SOUND SYSTEM	1000	20/1	2300			20/1	1300	RECEPTS - CLASSROOMS 217,220	14	
15	COMPUTER RECEPTACLES - CLASSROOMS 202, 203	1100	20/1		2200		20/1	1100	RECEPTS - CLASSROOMS 217,220	16	
17	COMPUTER RECEPTACLES - CLASSROOMS 202, 203	1100	20/1			2400	20/1	1300	RECEPTS - CLASSROOMS 217,220	18	
19	COMPUTER RECEPTACLES - CLASSROOMS 202, 203	1100	20/1	2400			20/1	1300	RECEPTS - CLASSROOMS 217-220	20	
21	COMPUTER RECEPTACLES - CLASSROOM 204	700	20/1		1800		20/1	1100	RECEPTS - CLASSROOMS 218,219	22	
23	COMPUTER RECEPTACLES - CLASSROOM 204	700	20/1			2000	20/1	1300	RECEPTS - CLASSROOMS 218,219	24	
25	COMPUTER RECEPTACLES - CLASSROOM 204	900	20/1	2000			20/1	1100	RECEPTS - CLASSROOMS 221,222	26	
27	COMPUTER RECEPTACLES - CLASSROOM 205	700	20/1		1800		20/1	1100	RECEPTS - CLASSROOMS 221,222	28	
29	COMPUTER RECEPTACLES - CLASSROOM 205	900	20/1			2200	20/1	1300	RECEPTS - CLASSROOMS 221,222	30	
31	COMPUTER RECEPTACLES - CLASSROOM 205, MECH 206	900	20/1	2000			20/1	1100	RECEPTS - CLASSROOMS 222,223	32	
33	COMPUTER RECEPTACLES - CLASSROOM 207	700	20/1		2000		20/1	1300	RECEPTS - CLASSROOMS 222,223	34	
35	COMPUTER RECEPTACLES - CLASSROOM 207	900	20/1			2200	20/1	1300	RECEPTS - CLASSROOMS 222,223	36	
37	COMPUTER RECEPTACLES - CLASSROOM 207	900	20/1	1440			20/1	540	RECEPTS - RMS 225,221	38	
39	RECEPTACLES - COMM RM	400	20/1		1000		20/1	600	HVAC CONTROLS - MECH MEZZ	40	
41	RECEPTACLES - COMM RM	400	20/1			760	20/1	360	RECEPTS - RMS 225,221	42	
TOTAL				12540	11800	12460					
TOTAL CONNECTED LOAD				36.8	KW		102	AMPS			

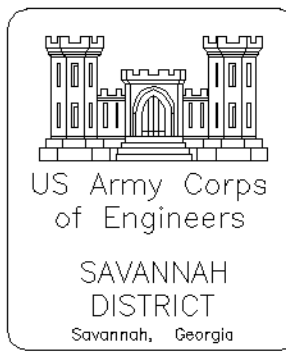
PANELBOARD SCHEDULE											
PANELBOARD		LOCATION		ELECTRICAL ROOM 112		VOLTAGE		208/120V 3PH, 4W			
TYPE		SURFACE		PROVIDE W/ 200% NEUTRAL BUS		MAIN		225A MLO I.C. SYM. 10,000A			
CIR. NO.	CIRCUIT DESIGNATION	CIR. WATTS	TRIP/LOAD	PHASE LOAD (VOLT - AMPS)			TRIP/LOAD	CIR. WATTS	CIRCUIT DESIGNATION	CIR. NO.	
				Ø A	Ø B	Ø C					
1	ELEVATOR LTG/CAB CONTROLS	1200	20/1	2400			20/1	1200	REFRIG - BREAKROOM 134	2	
3	RECEPTACLES - CORRIDOR, RESTROOMS, CLOSET	900	20/1		2400		20/1	1500	KITCHEN RECEPTS-BREAKROOM 134	4	
5	RECEPTACLES - RESTROOMS, EXTERIOR AT HVAC UNITS	700	20/1			2200	20/1	1500	KITCHEN RECEPTS-BREAKROOM 134	6	
7	RECEPTACLE - ELEV EQPT RM	200	20/1	1400			20/1	1200	RECEPTS RM 135	8	
9	RECEPTACLES - VESTIBULE, CONF RECEPTION, CORRIDORS 105,117	900	20/1		1800		20/1	900	RECEPTACLES - RCVG AREA, E/P RM, LG RM, ICS	10	
11	RECEPTS - VESTIBULE, CORR 117, CONF RM SCREEN, INSTRUCTRS 111	700	20/1			1600	20/1	900	RECEPTACLES - RCVG COMMON AREA, E/P RM, LG RM	12	
13	RECEPTS - LOBBY, RECEPTION, STORAGE 103, INST 111, CORR 117	900	20/1	1800			20/1	900	RECEPTACLES - RCVG COMMON AREA, E/P RM, LG RM, ICS	14	
15	RECEPTACLES - INSTRUCTORS 126, INSTRUCTORS - BREAK RM, EWC	900	20/1		1800		20/1	900	RECEPTACLES - COMMON AREA, ICS, SOLDERING, SYS TRNR E/H	16	
17	RECEPTACLES - INSTRUCTORS 126, INST BREAK RM, ELEC, CORR 127	1100	20/1			2000	20/1	900	RECEPTACLES - STORAGE, ICS, SOLDERING	18	
19	RECEPTACLES - INSTRUCTORS 126, INSTRUCTORS BREAK RM, JANITOR	900	20/1	1600			20/1	700	RECEPTACLES - HYDRAULIC RM, COMMON AREA, SOLDERING	20	
21	VAV CONTROLS - FIRST FLOOR	1200	20/1		2300		20/1		LOAD	22	
23	ELEVATOR SUMP PUMP/PIT LT	1100	20/1			1100	20/1		LOAD	24	
25	LOAD		20/1				20/1		LOAD	26	
27	LOAD		20/1				20/1		LOAD	28	
29	LOAD		20/1				20/1		LOAD	30	
31	LOAD		60/3				20/2		LOAD	32	
33	LOAD									34	
35	LOAD				1100		20/1	1100	RECEPTS - RM 118,121A,121B	36	
37	RECEPTS - RM 139, 136	1100	20/1	2200			20/1	1100	RECEPTS - RM 114,116,117	38	
39	RECEPTS - RM 118,121A,121B	900	20/1		2000		20/1	1100	RECEPTS - RM 114,116	40	
41	RECEPTS - RM 118,121A,121B	900	20/1		1608		20/1	708	EXHAUST HOOD FAN - RM 134, RECEPT RM 109,111, VAV 3,11,12,15	42	
TOTAL				6800	7200	6900					
TOTAL CONNECTED LOAD				20.9	KW		58	AMPS			

PANELBOARD SCHEDULE											
PANELBOARD		LOCATION		ROOM 122		VOLTAGE		208Y/120V 3PH, 4W			
TYPE		SURFACE		PROVIDE W/ 200% NEUTRAL BUS		MAIN		60A MB I.C. SYM. 10,000A			
CIR. NO.	CIRCUIT DESIGNATION	CIR. WATTS	TRIP/LOAD	PHASE LOAD (VOLT - AMPS)			TRIP/LOAD	CIR. WATTS	CIRCUIT DESIGNATION	CIR. NO.	
				Ø A	Ø B	Ø C					
1	RANGE - BREAK RM 134	5000	50/2	5000			30/3	2500	C130 FC TRAINER HYDROPACK	2	
		5000	(ST)	5000			(ST)	2500			
3	FUELS TRAINER	1000	20/1					2500			
			(ST)								
5	RADIO MAIN. RECEPT 30A	2880	30/1	2880					SPACE ONLY	4	
7	RADIO MAIN. RECEPT 30A	2880	30/1		2880						
TOTAL				5000	7880	2880					
TOTAL CONNECTED LOAD				15.8	KW		43.9	AMPS			

PANELBOARD SCHEDULE											
PANELBOARD		LOCATION		ROOM 122		VOLTAGE		115V, 3PH, 3W DELTA - 400HZ			
TYPE		SURFACE		PROVIDE W/ 200% NEUTRAL BUS		MAIN		100A MB I.C. SYM. 10,000A			
CIR. NO.	CIRCUIT DESIGNATION	CIR. WATTS	TRIP/LOAD	PHASE LOAD (VOLT - AMPS)			TRIP/LOAD	CIR. WATTS	CIRCUIT DESIGNATION	CIR. NO.	
				Ø A	Ø B	Ø C					
1A-10	FLIGHT CONTROL TRAINER	2000	50/2	2500			15/3	500	FUELS TRAINER	2	
		2000	(ST)	2500			(ST)	500			
3C	130 F.C. TRAINER HYDROPACK	700	20/3	700							
		700	(ST)	1000			30/3	300	C130 FLIGHT CONTROL TRAINER	4	
		700					(ST)	300			
5	RAMP & DOOR TRAINER	300	15/3		300						
		300	(ST)						SPACE ONLY	6	
		300		300							
									SPACE ONLY	8	
7	SPACE ONLY										
TOTAL				3500	3800	1800					
TOTAL CONNECTED LOAD				9.1	KW		46	AMPS			

PANELBOARD SCHEDULE											
PANELBOARD		LOCATION		ROOM 112		VOLTAGE		28V DC			
TYPE		SURFACE		PROVIDE W/ 200% NEUTRAL BUS		MAIN		100A MB I.C. SYM. 10,000A			
CIR. NO.	CIRCUIT DESIGNATION	CIR. WATTS	TRIP/LOAD	PHASE LOAD (WATTS)			TRIP/LOAD	CIR. WATTS	CIRCUIT DESIGNATION	CIR. NO.	
				Ø A	Ø B	Ø C					
1	C130 F.C. TRAINER	400	20/1	500			20/1	100	RAMP & DOOR TRAINER	2	
			(ST)				(ST)				
3C	130 F.C. TRAINER HYDROPACK	400	20/1	1000			30/1	600	FUELS TRAINER	4	
			(ST)				(ST)				
5	SPACE ONLY									6	
TOTAL				1500							
TOTAL CONNECTED LOAD				1.5	KW		54	AMPS			

- NOTES:**
- INSTALL NEW CIRCUITS BREAKERS CIRCUITS WHERE CIRCUITS ARE INDICATED IN BOLD. NEW CIRCUIT BREAKERS SHALL MATCH THE EXISTING PANELBOARD CIRCUIT BREAKERS IN BRAND, ALL RATINGS, VOLTAGES, ETC. NEW CIRCUIT DESCRIPTIONS ARE SHOWN IN BOLD. WHERE NEW CIRCUIT DESCRIPTIONS ARE INDICATED IN BOLD WITHOUT THE REQUIREMENT FOR NEW CIRCUIT BREAKERS. THE EXISTING CIRCUIT SHALL BE REROUTED AS INDICATED ON THE PLAN DRAWINGS. WHERE FEASIBLE, THE EXISTING CONDUIT AND CIRCUIT CONDUCTORS MAY BE REUSED.
  - THE ROOM NUMBERS IN THE RENOVATED AREAS OF BUILDING 560 HAVE BEEN REVISED FROM THE AS-BUILT ROOM NUMBERS AS A PART OF THIS RENOVATION. THE CONTRACTOR SHALL REVIEW THE ROOM NUMBERS ON THE DEMOLITION PLANS AS NECESSARY FOR COMPARISON TO THE NEW ROOM NUMBERS. TO THE EXTENT WHERE POSSIBLE, THE ROOM NUMBERS HAVE BEEN REVISED ON THE EXISTING PANELBOARD SCHEDULES TO REFLECT THE CHANGES. ALL ROOM NUMBER REVISIONS MAY NOT BE REFLECTED IN THE EXISTING PANELBOARD SCHEDULES. THE CONTRACTOR SHALL REVIEW THE AS-BUILT ELECTRICAL DRAWINGS OF BUILDING 560 FOR FULL COORDINATION WHEN NECESSARY. SEE THE CONTRACTING OFFICER FOR AS-BUILT DRAWINGS. REVISE THE EXISTING PANELBOARD SCHEDULES AS DIFFERENCES ARISE.
  - NEW CIRCUIT BREAKERS SHALL MATCH THE EXISTING PANELBOARD IN BRAND, VOLTAGE, AND AIC RATINGS.
- KEYED NOTES**
- INSTALL 2#12 AWG, 1#12 GND, 3/4" C FOR INDICATED CIRCUIT.
  - DEMOLISHED LOAD, TYPICAL.
  - DEMOLISH EXISTING CIRCUIT TO A-10 FLIGHT TRAINER. INSTALL NEW CIRCUIT AS INDICATED ON SCHEDULE.
  - INSTALL SHUNT TRIP CIRCUIT BREAKER FOR STOVE. INSTALL CONTROL CONDUCTORS AND CONDUIT FROM FIRE SUPPRESSION EQUIPMENT TO SHUNT TRIP BREAKER. INSTALL 2#8 AWG, 1#10 GND IN 3/4" C FOR INDICATED CIRCUIT. INSTALL FIRE ALARM MONITOR MODULE AND ROUTE TO THE FIRE ALARM CONTROL PANEL.
  - INSTALL 2#10 AWG, 1#10 GND, 3/4" C FOR INDICATED CIRCUIT.



REVISIONS	NO.	DATE	DESCRIPTION

DESIGN BY:	O. SLATE
DRAWN BY:	C. COOPER
REVIEWED BY:	S. STRATTON

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9400 WARD PARKWAY	
KANSAS CITY, MISSOURI	

RELOCATE 14TH ASSS FACILITIES (8600), POPE AFB, NORTH CAROLINA
ELECTRICAL PANEL SCHEDULES

SHEET NO.	E-705
SEQUENCE NO.	132 OF 132



DEACTIVATED EQUIPMENT SEE DRAWING E-102

DEACTIVATED EQUIPMENT SEE DRAWING E-102