PANELBOARD: A

VOLTAGE: ■ 208/120 VOLT, 3 PHASE - 4 WIRE ☐ 480/277 VOLT, 3 PHASE - 4 WIRE

MOUNTING: ☐ FLUSH ■ SURFACE | MAINS: ☐ LUGS ONLY ■ MAIN BREAKER | BUS:225A TRIP:100A | FRAME: | ☐ TOP ☐ BOTTOM | NEUTRAL: ☐ 50% ■ 100%

LOCATION: | ALL BRANCH BREAKERS 20 A., 1 POLE UNLESS NOTED OTHERWISE

DESIGNATION	LOAD	NO.	NO.	LOAD	DESIGNATION	PHASE LOAD (KVA) L1	L2	L3
RECEP EXTERIOR		1	2		TVSS			
RACD EQUIP RACK		3	4		SEE DETAIL 1/ E501			
RACD EQUIP RACK		5	6		↓			
EUH-1	1.30	7	8		VACUUM SYSTEM	1.30		
↓	1.30	9	10		RECEPS EQUIP RM		1.30	
EUH-2	1.30	11	12		LIGHTS STORAGE RM			1.30
↓	1.30	13	14		EXHAUST FAN	1.30		
CU-1B	1.04	15	16		SPACE		1.04	
↓	1.04	17	18		SPACE			1.04
CU-2B	0.54	19	20		SPACE	0.54		
↓	0.54	21	22		SPACE		0.54	
SPACE		23	24		SPACE			
SPACE		25	26		SPACE			
OUTSIDE A/C UNIT		27	28		SPACE			
		29	30		SPACE			
SPACE		31	32		OUTSIDE RECEPS			
SPACE		33	34		SPACE			
SPACE		35	36		SPACE			
SPACE		37	38		SPACE			
SPACE		39	40		SPACE			
SPACE		41	42		SPACE			
					TOTAL L1	3.14		
					TOTAL L2		2.88	
					TOTAL L3			2.34
					TOTAL KVA	8.36 NEW LOAD		

PANELBOARD: C

VOLTAGE: ■ 208/120 VOLT, 3 PHASE - 4 WIRE ☐ 480/277 VOLT, 3 PHASE - 4 WIRE

MOUNTING: ☐ FLUSH ■ SURFACE | MAINS: ☐ LUGS ONLY ■ MAIN BREAKER | BUS:225A TRIP:100A | FRAME: | ☐ TOP ☐ BOTTOM | NEUTRAL: ☐ 50% ■ 100%

LOCATION: | MAIN BREAKER TO BE SQ-D TYPE EDB; ALL BRANCH BREAKERS 20 A., 1 POLE UNLESS NOTED OTHERWISE

DESIGNATION	LOAD	NO.	NO.	LOAD	DESIGNATION	PHASE LOAD (KVA) L1	L2	L3
TXMTR#1 RECV. EXCITER		1	2		RECEIVER			
TXMTR#2 RECV. TXMTR		3	4		STVS			
TXMTR#3 TEMP PWR TAP		5	6		RECEP			
SPARE		7	8		FDIO TOP			
SPARE		9	10		FDIO BOTTOM			
SPARE		11	12		SPARE			
SPARE		13	14		LIGHT GUNS			
SPARE		15	16		SPACE			
SPARE		17	18		SPACE			
SPACE		19	20		SPACE			
SPACE		21	22		SPACE			
SPACE		23	24		SPACE			
SPACE		25	26		SPACE			
SPACE		27	28		SPACE			
SPACE		29	30		SPACE			
SPACE		31	32		SPACE			
SPACE		33	34		SPACE			
SPACE		35	36		SPACE			
SPACE		37	38		TVSS			
SPACE		39	40		SEE DETAIL 2/ E501			
SPACE		41	42		↓			
					TOTAL L1			
					TOTAL L2			
					TOTAL L3			
					TOTAL KVA	NO NEW LOAD		

NOTES

1. ONLY NEW LOAD INFORMATION IS SHOWN. EXISTING LOAD IS TO REMAIN UNLESS NOTED OTHERWISE.

PANELBOARD: EM

VOLTAGE: ■ 208/120 VOLT, 3 PHASE - 4 WIRE ☐ 480/277 VOLT, 3 PHASE - 4 WIRE

MOUNTING: ☐ FLUSH ■ SURFACE | MAINS: ☐ LUGS ONLY ■ MAIN BREAKER | BUS:225A TRIP:100A | FRAME: | ☐ TOP ☐ BOTTOM | NEUTRAL: ☐ 50% ■ 100%

LOCATION: | CHANGE MAIN BREAKER TO MOLDED CASE SWITCH; ALL BRANCH BREAKERS 20 A., 1 POLE UNLESS NOTED OTHERWISE

DESIGNATION	LOAD	NO.	NO.	LOAD	DESIGNATION	PHASE LOAD (KVA) L1	L2	L3
FACP		1	2		SF-1 FAN			
CAB FAN		3	4		SPARE			
CAN LIGHTS		5	6		TELEPHONE			
FTI		7	8		TELEPHONE			
FTI		9	10		STAIRWELL EMERG LIGHTS			
FTI		11	12		LIGHTS EQUIP ROOM			
SPACE		13	14		MCI-LINK			
FLIGHT SERVICE EQUIP		15	16		REC 1			
FLIGHT SERVICE EQUIP		17	18		REC 2			
FLIGHT SERVICE EQUIP		19	20		VENT FAN 1ST FLOOR			
SPACE		21	22		SPACE			
SPACE		23	24		SPACE			
SPACE		25	26		SPACE			
SPACE		27	28		SPACE			
SPACE		29	30		SPACE			
SPACE		31	32		SPACE			
SPACE		33	34		SPACE			
SPACE		35	36		SPACE			
SPACE		37	38		TVSS			
SPACE		39	40		SEE DETAIL 2/ E501			
SPACE		41	42		↓			
					TOTAL L1			
					TOTAL L2			
					TOTAL L3			
					TOTAL KVA	NO NEW LOAD		

PANELBOARD: B

VOLTAGE: ■ 208/120 VOLT, 3 PHASE - 4 WIRE ☐ 480/277 VOLT, 3 PHASE - 4 WIRE

MOUNTING: ☐ FLUSH ■ SURFACE | MAINS: ☐ LUGS ONLY ■ MAIN BREAKER | BUS:225A TRIP:100A | FRAME: | ☐ TOP ☐ BOTTOM | NEUTRAL: ☐ 50% ■ 100%

LOCATION: | MAIN BREAKER TO BE SQ-D TYPE EDB; ALL BRANCH BREAKERS 20 A., 1 POLE UNLESS NOTED OTHERWISE

DESIGNATION	LOAD	NO.	NO.	LOAD	DESIGNATION	PHASE LOAD (KVA) L1	L2	L3
CAB LIGHTS (FLOOR)		1	2		TVSS			
ROOF LIGHTS		3	4		SEE DETAIL 1/ E501			
RECEPTS IN CAB		5	6		↓			
RECEPTS IN CONSOLE		7	8		LIGHTS TRAINING ROOM			
LIGHTS CHIEF'S OFFICE		9	10		RESTROOM HEATER			
RECEPS CHIEF'S OFFICE		11	12		EWH			
VOICE RECORDER		13	14		OBSTRUCTION LIGHTS			
CEILING OUTLET CAB		15	16		SPARE			
SPARE		17	18		RESTROOM VENT/LIGHT			
WATER COOLER		19	20		SPARE			
SPARE		21	22		SPARE			
SPARE		23	24		JUNCTION ROOM HEAT			
CONV. UNIT IN CAB		25	26		↓			
↓		27	28		AC UNIT LEVEL 3			
AC UNIT LEVEL 2		29	30		↓			
↓		31	32		LIGHTS JUNCTION ROOM			
SPACE		33	34		RECEPS / EF-1 JUNC RM			
SPACE		35	36		RECEPS TRAINING RM			
SPACE		37	38		SPACE			
SPACE		39	40		SPACE			
SPACE		41	42		SPACE			
					TOTAL L1			
					TOTAL L2			
					TOTAL L3			
					TOTAL KVA	NO NEW LOAD		

PANELBOARD: D

VOLTAGE: ■ 208/120 VOLT, 3 PHASE - 4 WIRE ☐ 480/277 VOLT, 3 PHASE - 4 WIRE

MOUNTING: ☐ FLUSH ■ SURFACE | MAINS: ☐ LUGS ONLY ■ MAIN BREAKER | BUS:225A TRIP:100A | FRAME: | ☐ TOP ☐ BOTTOM | NEUTRAL: ☐ 50% ■ 100%

LOCATION: | ALL BRANCH BREAKERS 20 A., 1 POLE UNLESS NOTED OTHERWISE

DESIGNATION	LOAD	NO.	NO.	LOAD	DESIGNATION	PHASE LOAD (KVA) L1	L2	L3
RECEPTACLES		1	2		TVSS			
EMERGENCY OUTLETS		3	4		SEE DETAIL 1/ E501			
XX		5	6		↓			
RECEPTACLES		7	8		LOAD BANK CONTROL PNL			
HEATER		9	10		E/G SHELTER LIGHTS			
↓		11	12		RECEPTACLES			
		13	14		↓			
		15	16					
		17	18					
		19	20					
		21	22					
		23	24					
		25	26					
		27	28					
		29	30					
		31	32					
		33	34					
		35	36					
		37	38					
		39	40					
		41	42					
					TOTAL L1			
					TOTAL L2			
					TOTAL L3			
					TOTAL KVA	NO NEW LOAD		

SCALES SHOWN FOR 22" X 34" SHEET. ADJUST SCALES FOR OTHER SIZES.

REV	APPROVED DATE	DESCRIPTION	JCN	REDLINE DATE	APVD

GEORGIA REGISTERED No. 6299 PROFESSIONAL ENGINEER THOMAS J. HOLLAND

DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

ATHENS AIRPORT TRAFFIC CONTROL TOWER
ATCT - MAJOR SUSTAIN AND SEISMIC MITIGATION
ELECTRICAL
PANELBOARD SCHEDULES - SHEET 1

ATHENS (ATHENS MUNICIPAL AIRPORT) GA

HARTRAMPF
7000 CENTRAL PARKWAY, SUITE 1475
ATLANTA, GEORGIA 30328
HEI JOB NUMBER: 09033.00

REVIEWED BY	SUBMITTED BY	APPROVED BY
	VIRGIL HOOPER, PE.	MARK BEEKMAN

DESIGNED ANL | DRAWN ANL | CHECKED TJH | ISSUED BY ATLANTA TERMINAL ENGINEERING CENTER | DATE 03/31/2010 | JCN 804669 | DRAWING NO AHN-D-ATCT- E500 | REV