

PANEL HMP (3)		800 AMP MAINS		SURFACE <input checked="" type="checkbox"/>			
480Y/277 V, 3 PH, 4 W, 60 HZ		800 AMP MAIN BKR		TOTAL SPACES 42			
ALL BREAKERS SHALL HAVE A MINIMUM INTERRUPTING RATING OF 22,000 AMPS. PANEL SHALL BE PROVIDED WITH SEPARATE GROUND BUS.							
CKT No.	LOAD DESCRIPTION	BREAKERS POLE	AMP	KVA	BREAKERS AMP POLE	LOAD DESCRIPTION	CKT No.
1							2
3	PANEL HK1	3	400	209.1	225 3	PANEL HA	4
5							6
7							8
9	PANEL HK2	3	400	166.8	225 3	PANEL HB	10
11							12
13							14
15	SPACE	3			124 250 3	CH-1	16
17							18
19							20
21	SPACE	3				SPACE	22
23							24
25							26
27	SPACE	3				SPACE	28
29							30
31							32
33	SPACE	3				SPACE	34
35							36
37							38
39	SPACE	3				SPACE	40
41							42
TOTAL CONNECTED LOAD 589.4 KVA							

PANEL HA		225 AMP MAINS		SURFACE <input checked="" type="checkbox"/>			
480Y/277 V, 3 PH, 4 W, 60 HZ		MLO		TOTAL SPACES 42			
ALL BREAKERS SHALL HAVE A MINIMUM INTERRUPTING RATING OF 14,000 AMPS. PANEL SHALL BE PROVIDED WITH SEPARATE GROUND BUS.							
CKT No.	LOAD DESCRIPTION	BREAKERS POLE	AMP	KVA	BREAKERS AMP POLE	LOAD DESCRIPTION	CKT No.
1	LIGHTS	1	20	2.6		SPACE	2
3	LIGHTS	1	20	2.6		SPACE	4
5	LIGHTS	1	20	1.2		SPACE	6
7	LIGHTS	1	20	1.4		SPACE	8
9	LIGHTS	1	20	1.8		SPACE	10
11	LIGHTS	1	20	3.7		SPACE	12
13	LIGHTS	1	20	2.1		SPACE	14
15	LIGHTS	1	20	2.3		SPACE	16
17	LIGHTS	1	20	2.0		SPACE	18
19	SPACE	1				SPACE	20
21	LIGHTS(EXIT)	1	20	1		SPACE	22
23	LIGHTS(PARKING)	1	30	4.7		SPACE	24
25	LIGHTS(PARKING)	1	30	4.2		SPACE	26
27	SPACE	1				SPACE	28
29	SPACE	1				SPACE	30
31	SPACE	1				SPACE	32
33	SPACE	1				SPACE	34
35	SPACE	1				SPACE	36
37	SPACE	1				SPACE	38
39	SPACE	1				SPACE	40
41	SPACE	1				SPACE	42
TOTAL CONNECTED LOAD 28.7 KVA							

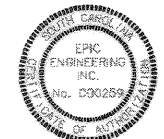
PANEL HK1 (2)		400 AMP MAINS		FLUSH <input checked="" type="checkbox"/>			
480 V, 3 PH, 3 W, 60 HZ		MLO		TOTAL SPACES 42			
ALL BREAKERS SHALL HAVE A MINIMUM INTERRUPTING RATING OF 14,000 AMPS. PANEL SHALL BE PROVIDED WITH SEPARATE GROUND BUS.							
CKT No.	LOAD DESCRIPTION	BREAKERS POLE	AMP	KVA	BREAKERS AMP POLE	LOAD DESCRIPTION	CKT No.
1							2
3	E25	3	40	22	3.1 20 3	E135	4
5							6
7							8
9	E25	3	40	22	56 90 3	E136	10
11							12
13							14
15	E25	3	40	22	40 7 3	E135	16
17							18
19							20
21	E36b	3	40	2.1	10 3	E139	22
23							24
25							26
27	SF-2	2		6.1 9.0	20 3	E140	28
29							30
31							32
33	SF-4	2		2.8		SPACE	34
35							36
37							38
39	SPACE	3				SPACE	40
41							42
TOTAL CONNECTED LOAD 209.1 KVA							

PANEL HB (3)		225 AMP MAINS		SURFACE <input checked="" type="checkbox"/>			
480 V, 3 PH, 3 W, 60 HZ		MLO		TOTAL SPACES 42			
ALL BREAKERS SHALL HAVE A MINIMUM INTERRUPTING RATING OF 14,000 AMPS. PANEL SHALL BE PROVIDED WITH SEPARATE GROUND BUS.							
CKT No.	LOAD DESCRIPTION	BREAKERS POLE	AMP	KVA	BREAKERS AMP POLE	LOAD DESCRIPTION	CKT No.
1							2
3	P-1	3	20	6.1	20 3	AHU-1	4
5							6
7							8
9	P-2	3	30	6.1	20 3	AHU-2	10
11							12
13							14
15	P-3	3	20	1.2	6.1 20 3	AHU-3	16
17							18
19							20
21	P-4	3	20	3.9	6.1 20 3	AHU-4	22
23							24
25							26
27	SPACE	3			8.8 30 3	EF-1	28
29							30
31							32
33	SPACE	3			6.1 20 3	EF-3	34
35							36
37							38
39	SPACE	3			1.5 20 3	EF-9	40
41							42
TOTAL CONNECTED LOAD 60.8 KVA							

PANEL HK2 (2)		400 AMP MAINS		FLUSH <input checked="" type="checkbox"/>			
480 V, 3 PH, 3 W, 60 HZ		MLO		TOTAL SPACES 42			
ALL BREAKERS SHALL HAVE A MINIMUM INTERRUPTING RATING OF 14,000 AMPS. PANEL SHALL BE PROVIDED WITH SEPARATE GROUND BUS.							
CKT No.	LOAD DESCRIPTION	BREAKERS POLE	AMP	KVA	BREAKERS AMP POLE	LOAD DESCRIPTION	CKT No.
1							2
3	E56	3	40	21.6	15 30 3	E32	4
5							6
7							8
9	E64	3	30	17	15 30 3	E32	10
11							12
13							14
15	E81	3	30	17	24 40 3	E36b	16
17							18
19							20
21	E81	3	30	17	12 20 3	E37	22
23							24
25							26
27	E83	3	30	16.2	12 20 3	E37	28
29							30
31							32
33	SPACE	3				SPACE	34
35							36
37							38
39	SPACE	3				SPACE	40
41							42
TOTAL CONNECTED LOAD 166.8 KVA							

KEYED NOTES (THIS SHEET ONLY)

- ① PROVIDE BREAKER WITH ELECTRIC SHUNT TRIP FEATURE. WIRE TO TRIP BREAKER ON SIGNAL FROM FIRE ALARM CONTROL PANEL.
- ② STUB EMPTY 2" CONDUIT INTO ACCESSIBLE CEILING SPACE.
- ③ IF THE CHILLER PLANT REPLACEMENT OPTION IS ACCEPTED, USE THE PANEL SCHEDULE ON SHEET E-609 IN LIEU OF THIS ONE.



RECORD DRAWING DATE	9/27/04
CODE I.D. NO.	80081
DRAWING SIZE	D
SPEC. NO.	06-88-0839
CONSTN. CONTR. NO.	162467-98-C-0939
NAVFAC DRAWING NO.	5336017
SHEET 192 OF 194	

E-607

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267 Meeting St.
Charleston, S.C. 29401
(803) 737-8377

DRAWING REVISIONS:
Prep By: Date: Approved: [Signature]
Description: [Signature]
Rev. 1 AS-BUILT

CHARLESTON AIR FORCE BASE
CHARLESTON, SOUTH CAROLINA
DINING FACILITY
PANEL SCHEDULES
APPROVED: [Signature]

Naval Facilities Engineering Command
Southern Division
Charleston, South Carolina