

THIS DRAWING PRODUCED ON THE SOUTHWEST REGION MICROSTATION SYSTEM

PANEL NO. NHLB1 LOCATION RM 124 BASE BLDG  
 SERVICE VOLTAGE 480V/277 3PH 4W VOLTS MOUNTING SURFACE

BUS RATING 100 AMPS.(S/N)

DESCRIPTION	BREAKER POLE AMP	VOLT AMPS			CIRCUIT NO.	BUS CONN.	CIRCUIT NO.	VOLT AMPS			BREAKER POLE AMP	DESCRIPTION
		A	B	C				A	B	C		
LTG RM 119-121,114,115	1 20	1562			1	2	981			1	20	LTG RM 102,110,118
LTG RM 111-113	1 20	1704			3	4	2485			1	20	LTG RM 103-109,123
LTG RM 126,127	1 20		852		5	6		3749		1	20	VAVS 4-7
SPARE	1 20				7	8	2139			1	20	VAVS 1-3,8
SPARE	1 20				9	10				1	20	SPARE
SPARE	1 20				11	12				1	20	SPARE
TOWER LTG	1 20	600			13	14				1	20	SPARE
SPARE	1 20				15	16				1	20	SPARE
SPARE	1 20				17	18				1	20	SPARE
SPARE	1 20				19	20				1	20	SPARE
SPARE	1 20				21	22				1	20	SPARE
SPARE	1 20				23	24				1	20	SPARE
SPARE	1 20				25	26				1	20	SPARE
SPARE	1 20				27	28				1	20	SPARE
SPARE	1 20				29	30				1	20	SPARE
SPARE	1 20				31	32				1	20	SPARE
SPARE	1 20				33	34				1	20	SPARE
SPARE	1 20				35	36				1	20	SPARE
SPARE	1 20				37	38				1	20	SPARE
SPARE	1 20				39	40				1	20	SPARE
SPARE	1 20				41	42				1	20	SPARE

TOTALS  
 BUS A 5282 VA  
 BUS B 4189 VA  
 BUS C 4601 VA  
 TOTAL 14072 VA  
 MAIN (BREAKER/LUGS) 45A MCB  
 CONNECTED LINE AMPS. 16.9  
 KVA DEMAND 15 AMPS DEMAND 18

PANEL NO. NHPB1 LOCATION RM 124 BASE BLDG  
 SERVICE VOLTAGE 480V,3PH,3W VOLTS MOUNTING SURFACE

BUS RATING 100 AMPS.(S/N)

DESCRIPTION	BREAKER POLE AMP	VOLT AMPS			CIRCUIT NO.	BUS CONN.	CIRCUIT NO.	VOLT AMPS			BREAKER POLE AMP	DESCRIPTION
		A	B	C				A	B	C		
SPARE	3				1	2	3050			3	20	AHU-1
SPARE	3				3	4		3050		20		
DOCK LIFT	3	50	2105		5	6	3333	3050		3	20	UH-3
CV-2	3	20	2103	2105	7	8	3333	3333		3	20	SPARE
SPARE	3	20	2103	2103	9	10				15		
SPARE	3	20			11	12				3	20	SPARE
SPARE	3	20			13	14				15		
SPARE	3	20			15	16				3	20	SPARE
SPARE	3	20			17	18				15		
SPARE	3	45			19	20				3	20	SPARE
SPARE	3	20			21	22				15		
SPARE	3	20			23	24				1	20	SPARE
SPARE	3	20			25	26				1	20	SPARE
SPARE	3	20			27	28				1	20	SPARE
SPARE	3	20			29	30				1	20	SPARE
SPARE	3	45			31	32				1	20	SPARE
SPARE	3	20			33	34				1	20	SPARE
SPARE	3	20			35	36				1	20	SPARE
SPARE	3	20			37	38				1	20	SPARE
SPARE	3	20			39	40				1	20	SPARE
SPARE	3	20			41	42				1	20	SPARE

TOTALS  
 BUS A 10,591 VA  
 BUS B 10,591 VA  
 BUS C 10,591 VA  
 TOTAL 31,773 VA  
 MAIN (BREAKER/LUGS) 100 MCB  
 CONNECTED LINE AMPS. 38.3  
 KVA DEMAND 15.5 AMPS DEMAND 18.6

PANEL NO. NHT1 LOCATION RM M1 TOWER  
 SERVICE VOLTAGE 480V,3PH,3W VOLTS MOUNTING SURFACE

BUS RATING 100 AMPS.(S/N)

DESCRIPTION	BREAKER POLE AMP	VOLT AMPS			CIRCUIT NO.	BUS CONN.	CIRCUIT NO.	VOLT AMPS			BREAKER POLE AMP	DESCRIPTION
		A	B	C				A	B	C		
CV-1	3	1330	1330		1	2						SPACE
XFMR T-1	3	15	5830	1330	3	4						
SPARE	3	5830	5830		5	6				3	20	SPACE
SPARE	1 20	45	5830		7	8				15		
SPARE	1 20				9	10				3	20	SPACE
SPARE	1 20				11	12				15		
SPARE	1 20				13	14				3	20	SPACE
SPARE	1 20				15	16				15		
SPARE	1 20				17	18				15		
SPARE	3				19	20						SPACE
SPARE	3	50			21	22						
SPARE	3	50			23	24						
SPARE	3	15			25	26				1	20	SPACE
SPARE	3	15			27	28				1	20	SPACE
SPARE	3	15			29	30				1	20	SPACE
SPARE	3	15			31	32						
SPARE	3	15			33	34						
SPARE	3	15			35	36						
SPARE	3	15			37	38						
SPARE	3	15			39	40						
SPARE	3	15			41	42						

TOTALS  
 BUS A 7160 VA  
 BUS B 7160 VA  
 BUS C 7160 VA  
 TOTAL 21,480 VA  
 MAIN (BREAKER/LUGS) 100 MCB  
 CONNECTED LINE AMPS. 25.8  
 KVA DEMAND 18.5 AMPS DEMAND 22.3

PANEL NO. NLPB1 LOCATION RM 124 BASE BLDG  
 SERVICE VOLTAGE 208Y/120 3PH 4W VOLTS MOUNTING SURFACE

BUS RATING 225(+) AMPS.(S/N)

DESCRIPTION	BREAKER POLE AMP	VOLT AMPS			CIRCUIT NO.	BUS CONN.	CIRCUIT NO.	VOLT AMPS			BREAKER POLE AMP	DESCRIPTION
		A	B	C				A	B	C		
NLPB2	3	2197	2197		1	2	696			1	15	EF-1
NLPB3	3	0	0		3	4				1	15	EF-2
NLPB4	3	5379	5379		5	6		300	750	1	20	CEILING FAN RM 108,123
RCPT RM 111-113	1 20	1080			7	8				1	20	SPARE
RCPT RM 112,117	1 20	900			9	10				1	20	SPARE
RCPT RM 116,117	1 20	1080			11	12				1	20	SPARE
NLPB4	3	5379	5379		13	14		180		1	20	RCPT ROOF
SPARE	1 20	100			15	16				1	20	SPARE
SPARE	1 20	100			17	18				1	20	SPARE
SPARE	1 20	100			19	20				1	20	SPARE
SPARE	1 20	100			21	22		540		1	20	RCPT RM 120,121
SPARE	1 20	100			23	24				1	20	SPARE
SPARE	1 20	100			25	26				1	20	SPARE
SPARE	1 20	100			27	28				1	20	SPARE
SPARE	1 20	100			29	30				1	20	SPARE
SPARE	1 20	100			31	32		1000		1	20	IG RCPT RM 112,116
SPARE	1 20	100			33	34			750	1	20	IG RCPT RM 112,116
SPARE	1 20	100			35	36			500	1	20	IG RCPT RM 111,112
SPARE	1 20	100			37	38				1	20	SPARE
SPARE	1 20	100			39	40				1	20	SPARE
SPARE	1 20	100			41	42				1	20	SPARE

TOTALS  
 BUS A 10532 VA  
 BUS B 10168 VA  
 BUS C 9906 VA  
 TOTAL 30,506 VA  
 MAIN (BREAKER/LUGS) 150 MCB  
 CONNECTED LINE AMPS. 84.7  
 KVA DEMAND 27.1 AMPS DEMAND 75.4

PANEL NO. NLPT1 LOCATION RM M1 TOWER  
 SERVICE VOLTAGE 208Y/120 3PH 4W VOLTS MOUNTING SURFACE

BUS RATING 225 AMPS.(S/N)

DESCRIPTION	BREAKER POLE AMP	VOLT AMPS			CIRCUIT NO.	BUS CONN.	CIRCUIT NO.	VOLT AMPS			BREAKER POLE AMP	DESCRIPTION
		A	B	C				A	B	C		
FCU-1	2	2808	2808		1	2	49			1	15	EF-3
FCU-2	2	40	2808	2808	3	4		2000	2000	2	30	UH-1
RCPT TOWER STAIR	1 20	2808			5	6		2000	2000	2	30	UH-2
RCPT TOWER STAIR	1 20	900			7	8		2000	2000	2	30	UH-1
RCPT RM G1	1 20	540			9	10			750	2	15	WH-1
RCPT RM G1,G3,ELEV	1 20	540			11	12				1	20	RCPT RM L1,T1,J1,M1
CAB ROOF LIGHTS	1 20	300			13	14		720		1	20	RCPT L1,J1,T1,M1,CA1
LTG ELEV PIT	1 20	150			15	16			900	1	20	RCPT CAB CONSOLE
SPARE	1 20				17	18			900	1	20	RCPT CAB CONSOLE
SPARE	1 20				19	20				1	20	RCPT CAB CONSOLE
SPARE	1 20				21	22			900	1	20	RCPT CAB CONSOLE
SPARE	1 20				23	24			720	1	20	RCPT CAB CONSOLE
SPARE	2				25	26				1	20	RCPT CAB
SPARE	2	20			27	28			600	1	20	CAB HOIST
SPARE	2	30			29	30				1	20	SPARE
SPARE	2	30			31	32				1	20	SPARE
SPARE	2	30			33	34				1	20	SPARE
SPARE	2	30			35	36				1	20	SPARE
SPARE	15				37	38				1	20	SPARE
SPARE	1 20				39	40				2	20	SPARE
SPARE	1 20				41	42				2	20	SPARE

TOTALS  
 BUS A 10,905 VA  
 BUS B 10,469 VA  
 BUS C 8198 VA  
 TOTAL 29,571 VA  
 MAIN (BREAKER/LUGS) 100 MCB  
 CONNECTED LINE AMPS. 82.1  
 KVA DEMAND 17.5 AMPS DEMAND 48.6

PANEL NO. CLPB1 (SIMILAR FOR CLPB2) LOCATION RM 113 BASE BLDG  
 SERVICE VOLTAGE 208Y/120 3PH 4W VOLTS MOUNTING SURFACE

BUS RATING 225 (+) AMPS.(S/N)

DESCRIPTION	BREAKER POLE AMP	VOLT AMPS			CIRCUIT NO.	BUS CONN.	CIRCUIT NO.	VOLT AMPS			BREAKER POLE AMP	DESCRIPTION
		A	B	C				A	B	C		
SPARE	1 20				1	2				1	20	SPARE
SPARE	1 20				3	4				1	20	SPARE
SPARE	1 20				5	6				1	20	SPARE
SPARE	1 20				7	8				1	20	SPARE
SPARE	1 20				9	10				1	20	SPARE
SPARE	1 20				11	12				1	20	SPARE
SPARE	1 20				13	14				1	20	SPARE
SPARE	1 20				15	16				1	20	SPARE
SPARE	1 20				17	18				1	20	SPARE
SPARE	1 20				19	20				1	20	SPARE
SPARE	1 20				21	22				1	20	SPARE
SPARE	1 20				23	24				1	20	SPARE
SPARE	1 20				25	26						