

THIS DRAWING PRODUCED ON THE SOUTHWEST REGION MICROSTATION SYSTEM

SWITCHBOARD: MDPNH								BASE BUILDING (NORMAL)
480 VOLT, 3 PHASE, 4 WIRE		FLOOR	MOUNT	600 AMP MCB (NOTE 1)		65KAIC		
CKT	SERVES	KVA	PROTECTIVE DEVICE	TRIP/FUSE AMPS	POLES	CONN. KVA	DEMAND KVA	NOTES:
1	PANEL "MDPEH"		C/B	350	3	282.4	252.2	NOTE 1
2	SPACE			225	3			
3	SPACE			225	3			
4	SPARE		C/B	45	3			
5	PANEL "NHLB1" ("ST5")	30	C/B	45	3	14.1	14.9	
6	PANEL "NHPB1"		C/B	100	3	31.8	15.5	
7	XFMR "ST1" (NLPB1)	45	C/B	70	3	30.5	27.1	
8	PANEL "NH1"		C/B	100	3	21.5	18.5	
TOTAL						380.3	328.2	

PANEL: MDPEH								BASE BUILDING (ESSENTIAL)
480 VOLT, 3 PHASE, 3 WIRE		WALL	MOUNT	500 AMP MB (NOTE 1)		42KAIC		
CKT	SERVES	KVA	PROTECTIVE DEVICE	TRIP/FUSE AMPS	POLES	CONN. KVA	DEMAND KVA	NOTES:
1	PANEL "EHPB1"		C/B	100	3	28.4	23.4	
2	XFMR "ST2" (ELPB1)	30	C/B	45	3	25.5	20.5	
3	PANEL "EHLB1" ("ST6")	30	C/B	45	3	16.2	19.1	
4	PANEL "EHT1"		C/B	150	3	70.7	70.7	
5	SPARE		C/B	225	3			
6	SPARE		C/B	100	3			
7	PANEL ELPB2 ("ST7")	30	C/B	45	3	2.0	1.6	
8	PANEL "DCPL"		C/B	100	3			CONNECTED TO THE UPS IN THE FUTURE
9	MAINT. BYPASS		C/B	100	3			
10	UPS INPUT		C/B	100	3	53.2	53.2	INCLUDES UPS LOSSES (FUTURE)
11	ACC-1	86.1	C/B	150	3	86.1	68.9	
12	ACC-2	86.1	C/B	150	3	86.1	68.9	REDUNDANT
13	P-3	11.6	C/B	30	3	11.6	9.3	
14	P-4	11.6	C/B	30	3	11.6	9.3	REDUNDANT
TOTAL						286.3	266.7	

PANEL: DPCL								BASE BUILDING (CRITICAL)
480 VOLT, 3 PHASE, 3 WIRE		WALL	MOUNT	100 AMP MB		42KAIC		
CKT	SERVES	KVA	PROTECTIVE DEVICE	TRIP/FUSE AMPS	POLES	CONN. KVA	DEMAND KVA	NOTES:
1	XFMR "ST3"	30	C/B	45	3	15.7	15.7	
2	XFMR "ST4"	30	C/B	45	3	15.7	15.7	
3	XFMR "T2"	30	C/B	45	3	7.0	7.0	
4	SPARE		C/B	100	3			
5	UPS (INCOMING)		C/B	100	3			(FUTURE)
TOTAL						38.4	38.4	

PANEL NO. NLPB4												LOCATION RM. 107 BASE BLDG		
SERVICE VOLTAGE 208Y/120 ,3PH ,4W VOLTS										MOUNTING FLUSH				
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			
RCPT RM. 107	1	20	500			1	1	2	500			1	20	RCPT 109, 122
RCPT RM. 107	1	20		500		3	1	4		720		1	20	EW-3
RCPT RM. 107	1	20			500	5	1	6			1000	1	20	VENDING
RCPT RM. 110, 129	1	20	360			7	1	8	1080			1	20	RCPT RM 101-103, 112
RCPT RM. 108	1	20		1500		9	1	10		1080		1	20	RCPT RM 104, 105
RCPT RM. 123	1	20			900	11	1	12			900	1	20	RCPT RM 102, 106
RCPT RM. 123	1	20	900			13	1	14	4350			1	20	RANGE
MICROWAVE	1	20		1500		15	1	16		4350		2		
DISPOSAL	1	20			1000	17	1	18				1	20	
KITCHEN RCPT	1	20		1000		19	1	20				1	20	
KITCHEN RCPT	1	20		1000		21	1	22				1	20	
STOVE FAN & LTG	1	20			500	23	1	24				1	20	
KITCHEN RCPT	1	20		1000		25	1	26	500			1	20	IG RCPT
KITCHEN RCPT	1	20		1000		27	1	28		500		1	20	IG RCPT
REFRIGERATOR	1	20			1500	29	1	30			500	1	20	IG RCPT
SPARE	1	20				31	1	32				1	20	SPARE
SPARE	1	20				33	1	34				1	20	SPARE
SPARE	1	20				35	1	36				1	20	SPARE
SPARE	1	20				37	1	38				1	20	SPARE
SPARE	1	20				39	1	40				1	20	SPARE
SPARE	1	20				41	1	42				1	20	SPARE
TOTALS												MAIN (BREAKER/LUGS) 100A MCB		
BUS A 10190 VA												CONNECTED LINE AMPS 83		
BUS B 12150 VA												KVA DEMAND 16.1		
BUS C 7700 VA												AMPS DEMAND 44.8		
TOTAL 30,040 VA														

NOTES:
1. PROVIDE SOLID STATE, GROUND FAULT PROTECTION CIRCUIT BREAKER.

PANEL NO. ELPB2												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	1	2	1000			2		EHU-1
SPARE	1	20				3	1	4		1000		1	20	SPARE
SPARE	1	20				5	1	6				1	20	SPARE
SPARE	1	20				7	1	8				1	20	SPARE
SPARE	1	20				9	1	10				1	20	SPARE
SPARE	1	20				11	1	12				1	20	SPARE
SPARE	1	20				13	1	14				1	20	SPARE
SPARE	1	20				15	1	16				1	20	SPARE
SPARE	1	20				17	1	18				1	20	SPARE
SPARE	1	20				19	1	20				1	20	SPARE
SPARE	1	20				21	1	22				1	20	SPARE
SPARE	1	20				23	1	24				1	20	SPARE
SPARE	1	20				25	1	26				1	20	SPARE
SPARE	1	20				27	1	28				1	20	SPARE
SPARE	1	20				29	1	30				1	20	SPARE
SPARE	1	20				31	1	32				1	20	SPARE
SPARE	1	20				33	1	34				1	20	SPARE
SPARE	1	20				35	1	36				1	20	SPARE
SPARE	1	20				37	1	38				1	20	SPARE
SPARE	1	20				39	1	40				1	20	SPARE
SPARE	1	20				41	1	42				1	20	SPARE
SPARE	1	20				43	1	44				1	20	SPARE
SPARE	1	20				45	1	46				1	20	SPARE
SPARE	1	20				47	1	48				1	20	SPARE
SPARE	1	20				49	1	50				1	20	SPARE
SPARE	1	20				51	1	52				1	20	SPARE
SPARE	1	20				53	1	54				1	20	SPARE
TOTALS												MAIN (BREAKER/LUGS) 100 MB		
BUS A 1000 VA												CONNECTED LINE AMPS 10		
BUS B 1000 VA												KVA DEMAND 2		
BUS C VA												AMPS DEMAND 10		
TOTAL 2000 VA														

A		06-23-03	FAA REDESIGN OF HVAC, JON 21874.	9700164	06-23-03
REV	DATE	DESCRIPTION		JCN	REDLINE DATE
DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION FORT WORTH IMPLEMENTATION CENTER FORT WORTH, TX LOW ACTIVITY LEVEL ATCT SCHEDULES					
ADDISON			ADDISON AIRPORT		
REVIEWED BY	SUBMITTED BY		APPROVED BY		
	<i>M. Doerr</i> 7/18/03		<i>Johnnie L. White</i> 7/18/03		
DESIGNED	PROJECT ENGINEER, ANI-630		PLATFORM MANAGER, ANI-630		
DRAWN	M. DOERR		DATE 06-23-03 JCN		
CHECKED	RR/LB		ISSUED BY ANI-600		
	NAS IMPLEMENTATION ANI-600		DRAWING NO 9700164		
	ADS-D-ATCT-E042		REV A		

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