

PANELBOARD SCHEDULE													
MARK:		2MDS1											
CKT #	LOAD DESCRIPTION	BREAKER P	TRIP	PHASE (kVA)			PHASE (kVA)			BREAKER TRIP	P	LOAD DESCRIPTION	CKT #
				A	B	C	A	B	C				
1	PANEL 2P1A	3	100	7.27			9.2			100	3	PANEL 2C1A	2
3					9.97			8.8					4
5						7.37			8.4				6
7	PANEL 2P1B	3	100	9.9						400	3	SPARE	8
9					11.4								10
11						11.3							12
13	PANEL 2P1C	3	100	6.6			91.4			800	3	PANEL 2K1	14
15					6.8			88.9					16
17						6			90				18
19	WELDING MACHINE SHUNT TRIP	3	50	4.7						400	3	SPACE	20
21					4.7								22
23						4.7							24
25	WELDING MACHINE SHUNT TRIP	3	50	4.7						225	3	SPACE	26
27					4.7								28
29						4.7							30
31	SPARE	3	225	—	—		—	—		225	3	SPACE	32
33													34
35													36
37	SPARE	3	225	—	—		—	—		30	3	TVSS	38
39													40
41													42
				33.2	37.6	34.1	100.6	97.7	98.4				
				TOTAL (kVA) ØA 133.8 ØB 135.3 ØC 132.5			HIGH PHASE (AMPS)			1127.3			
				TOTAL CONNECTED LOAD (kVA) 401.5			TOTAL LOAD (AMPS)			1114.5			

TRANSFORMER SCHEDULE											
MARK	PRIMARY VOLTAGE	SECONDARY VOLTAGE	PHASE	WIRE	K-RATING	KVA	DEGREE °C	TYPE	PRIMARY FEEDER SIZE	SIZE GROUND TO 3/4" X 10' GROUND ROD	SIZE GND TO FOUNDATION REBAR, WATER & BLDG STEEL
T1	12470	480Y277	3	4		2000	115	DRY	8 RUNS 3#500,#350G,4°C	#350	#350
T2	12470	480Y277	3	4		1000	115	DRY	4 RUNS 3#500,#2/0G,4°C	#2/0	#2/0
TCH	480	208Y120	3	4	13	45	115	DRY	3#3,#8G,1 1/4°C	#4	#4
T1A	480	208Y120	3	4	4	300	115	DRY	2-RUNS 3#250,#4G,2 1/2°C	#3/0	#3/0
T1B	480	208Y120	3	4	13	112.5	115	DRY	3#3/0,#6G,2°C	#1/0	#1/0
T1C	480	208Y120	3	4	13	75	115	DRY	3#1,#6G,1 1/2°C	#2	#2
T1D	480	208Y120	3	4	13	45	115	DRY	3#3,#8G,1 1/4°C	#4	#4
T2A	480	208Y120	3	4	13	112.5	115	DRY	3#3/0,#6G,2°C	#1/0	#1/0
T2B	480	208Y120	3	4	13	112.5	115	DRY	3#3/0,#6G,2°C	#1/0	#1/0
T2C	480	208Y120	3	4	13	75	115	DRY	3#1,#6G,1 1/2°C	#2	#2
T2D	480	208Y120	3	4	4	75	115	DRY	3#1,#6G,1 1/2°C	#2	#2
T3A	480	208Y120	3	4	13	45	115	DRY	3#3,#8G,1 1/4°C	#4	#4
T3B	480	208Y120	3	4	13	75	115	DRY	3#1,#6G,1 1/2°C	#2	#2

PANELBOARD SCHEDULE													
MARK:		2EM1											
CKT #	LOAD DESCRIPTION	BREAKER P	TRIP	PHASE (kVA)			PHASE (kVA)			BREAKER TRIP	P	LOAD DESCRIPTION	CKT #
				A	B	C	A	B	C				
1	ITEM 65.3	2	20	2.1			0.5			20	3	ITEM 67.3 CONDENSING UNIT COOLER	2
3	EVAP UNIT FREEZER				2.1			0.5					4
5	ITEM 67.4					0.9			0.5				6
7	CONDENSING UNIT FREEZER	3	20	0.9			0.8			20	3	ITEM 65.8 C.U. WALK IN COOLER	8
9					0.9			0.8					10
11	ITEM 67.2	2	20			2.4			0.8				12
13	EVAP UNIT FREEZER			2.4			0.5			20	3	ITEM 65.7 C.U. WALK IN THAW COOLER	14
15	NEMA 6-20 RECEPT				1.4			0.5					16
17						1.4			0.5				18
19	ITEM 65.1 EVAP WALKIN	1	20	1.8			2.1			20	3	ITEM 65.6 CONDENSING UNIT FREEZER	20
21	ITEM 65.5 EVAP WALK IN	1	20		1.8			2.1					22
23	ITEM 67.1 EVAP WALK IN	1	20			1.8			2.1				24
25	RECEPTS 157	1	20	0.8			—			20	1	RECEPT RM. 140	26
27	RECEPTS 157	1	20		0.8			—		20	1	SPARE	28
29	RECEPTS 157	1	20			0.8			—	20	1	SPARE	30
31	RACK 1 157	1	20	1.8			—			20	1	SPARE	32
33	RACK 1 157	1	20		1.8			—		20	1	SPARE	34
35	RECEPTS 157	1	20			0.8			—	20	1	SPARE	36
37	SPACE	—	—	—						—	—	SPACE	38
39	SPACE	—	—							—	—	SPACE	40
41	SPACE	—	—							—	—	SPACE	42
				9.8	8.8	8.1	3.9	3.9	3.9				
				TOTAL (kVA) ØA 13.7 ØB 12.7 ØC 12.0			HIGH PHASE (AMPS)			114.2			
				TOTAL CONNECTED LOAD (kVA) 38.4			TOTAL LOAD (AMPS)			106.6			

PANELBOARD SCHEDULE													
MARK:		4M1A											
CKT #	LOAD DESCRIPTION	BREAKER		PHASE (kVA)			PHASE (kVA)			BREAKER		LOAD DESCRIPTION	CKT #
		P	TRIP	A	B	C	A	B	C	TRIP	P		
1	AHU 1-1 VIA VFD	3	15	3.1			3.1			20	3	AHU 1-5 VIA VFD	2
3					3.1			3.1					4
5						3.1			3.1				
7	AHU 1-2 VIA VFD	3	20	3.9			0.72			20	3	KEF-3A SHUNT TRIP	8
9					3.9			0.72					10
11						3.9			0.72				
13	KEF-1A SHUNT TRIP	3	20	0.95			0.72			20	3	KEF-3B SHUNT TRIP	14
15					0.95			0.72					16
17						0.95			0.72				
19	KEF-1B SHUNT TRIP	3	20	0.72			1.3			20	3	KSF-1 SHUNT TRIP	20
21					0.72			1.3					22
23						0.72			1.3				
25	KEF-2A SHUNT TRIP	3	20	1.3			2.1			20	3	KSF-2 SHUNT TRIP	26
27					1.3			2.1					28
29						1.3			2.1				
31	KEF-2B SHUNT TRIP	3	20	1.0			1.3			20	3	KSF-3 SHUNT TRIP	32
33					1.0			1.3					34
35						1.0			1.3				
37	VAV CONTROL POWER	1	20	0.5			4.0			20	3	WATER BOOSTER PUMP	38
39	VAV CONTROL POWER	1	20		0.5			4.0					40
41	VAV CONTROL KITCHEN	1	20			0.5			4.0				42
43	HUMIDIFIER H-1-5-1	3	30	3.8			-			60	3	SPARE 38,40,42	44
45					3.8			-					46
47						3.8			-				
49	SPARE	1	20	-			-			60	3	SPARE	50
51	SPARE	1	20		-			-					52
53	SPACE	-	-						-				54
				15.2	15.2	15.3	13.2	13.2	11.9				
TOTAL (kVA) ØA 28.5 ØB 28.5 ØC 27.2								HIGH PHASE (AMPS)				102.7	
TOTAL CONNECTED LOAD (kVA) 84.1								TOTAL LOAD (AMPS)				101.2	

PANELBOARD SCHEDULE														
MARK:		2EM2												
CKT #	LOAD DESCRIPTION	BREAKER		PHASE (kVA)			PHASE (kVA)			BREAKER		LOAD		CKT #
		P	TRIP	A	B	C	A	B	C	TRIP	P	DESCRIPTION		
1	NEMA 6-20R DEVICE	2	20	1.1			1.1			20	2	POKE THRU	2	
3					1.1			1.1				POKE THRU	4	
5	NEMA 6-20R DEVICE	2	20			1.1			2.5	30	2	POKE THRU	6	
7				1.1			2.5					POKE THRU	8	
9	NEMA 6-20R DEVICE	2	20		1.8			0.8		20	1	POKE THRU	10	
11						1.8			0.8	20	1	POKE THRU	12	
13	ACS BOARD	1	20	1.8			0.8			20	1	POKE THRU	14	
15	ACS BOARD	1	20		1.8			0.8		20	1	POKE THRU	16	
17	RACK POWER	1	20			1.8			0.8	20	1	POKE THRU	18	
19	RACK POWER	1	20	1.8			1.0			20	1	TV'S	20	
21	RACK POWER	1	20		1.8			1.0		20	1	DOOR CONTROLS/OPENER	22	
23	CABINET POWER	1	20			1.8			1.0	20	1	DOOR CONTROLS/OPENER	24	
25	CABINET POWER	1	20	1.8			1.0			20	1	DOOR CONTROLS/OPENER	26	
27	CABINET POWER	1	20		1.8			0.8		20	1	RECEPTS COMM 123	28	
29	RECEPTS COM TR2B	1	20			0.8			0.8	20	1	RECEPTS COMM 123	30	
31	RECEPTS COM TR2B	1	30	0.8			0.8			20	1	RECEPTS COMM 123	32	
33	RACK COM TR2B	1	20		1.4			1.4		20	1	RACK POWER 123	34	
35	RACK COM TR2B	1	20			1.4			1.4	20	1	RACK POWER 123	36	
37	OAU 2-1	1	20	0.8			1.4			20	1	RACK POWER 123	38	
39	AV CLOSET 207A	1	20		0.8			1.4		20	1	RECEPT RM 169	40	
41	FM200 CONTROL \	1	20			0.4				20	1	SPARE	42	
43	SPARE	1	20							20	1	SPARE	46	
45	SPARE	1	20							20	1	SPARE	48	
47	SPARE	1	20							20	1	SPARE	48	
49	SPARE	1	20							20	1	SPARE	50	
51	SPARE	1	20							20	1	SPARE	52	
53	SPARE	1	20							20	1	SPARE	54	
				9.2	10.5	9.1	8.6	7.3	7.3					
TOTAL (kVA) @A 17.8 @B 17.8 @C 16.4								HIGH PHASE (AMPS)				148.7		
TOTAL CONNECTED LOAD (kVA) 52.0								TOTAL LOAD (AMPS)				144.4		