PANELBOARD MSE SCHEDULE

400 AMP MAIN CIRCUIT BREAKER 208 /120 VOLT 3 PHASE, 4WIRE, 22 K.A.I.C. MIN., SURFACE MTD. 60HZ

LOAD SERVED	LOAD (VA) A	LOAD (VA) B	LOAD (VA) C	BKR. SIZE	CKT. NO.	PHASE A B C	CKT. NO.	BKR. SIZE	LOAD (VA) A	LOAD (VA) B	LOAD (VA) C	LOAD SERVED
OFFICES/CONF RM LTS	1770			20	1		2	20	950			GRAZE LTS
OFFICES/LOBBY LTS/EXITS		1310		20	3		4	20		1200		CLASSROOM LTS
CORR./BREAK LTS			1100	20	5		6	20			1490	SQUAD/RESTROOM LTS
ELEC/FILE/VAULT LTS	960			20	7		8	20	1480			EXT. STORAGE/FLAG LTS
S. SOFFIT/STEP LTS		960		20	9		10	20		720		OFFICE REC
N. SOFFIT/STEP LTS			1440	20	11		12	20			720	OFFICE REC
OFFICE REC	720			20	13		14	20	900			CONFERENCE RM REC
OFFICE REC		720		20	15		16	20		1180		CONF. RM PROJECTOR
OFFICE REC			720	20	17		18	20			720	RECEPTION/CORR. REC
SIGN	1000			20	19		20	20	900			MECH/ELEC RM REC
SIGN		1000		20	21		22	20		1180		CLASSROOM PROJECTOR
CLASSROOM PROJECTOR			1180	20	23		24	20			1180	CLASSROOM PROJECTOR
CLASSROOM PROJECTOR	1180			20	25		26	20	900			CLASSROOM REC
CLASSROOM REC		900		20	27		28	20		900		CLASSROOM REC
CORRIDOR REC			720	20	29		30	20			900	CLASSROOM REC
SQUAD RM REC	720			20	31		32	20	600			FACP
STORAGE/FILE RM REC		720		20	33		34	20		720		SQUAD RM REC
ARMORY REC			1080	20	35		36	20			900	RESTROOM/LOCKER REC
WATER HTR	3000			60/3	37		38	125/3	21000			PANEL "TCP"
-		3000		-	39		40	-		21000		-
-			3000	-	41		42	-			21000	-
DRINKING FOUNTAIN		600		20	43		44	15	500			CIRC. PUMP
LANTERN LTS			780	20	45		46	20		540		VAULT REC
SPARE				20	47		48	20		540		FILE RM
SPARE				20	49		50	20				SPARE
SPARE				20	51		52	20				SPARE
SPARE				20	53		54	20				SPARE
SPARE				20	55		56	20				SPARE
SPARE				20	57		58	20				SPARE
SPARE				20	59		60	20				SPARE
SUBTOTAL	9350	9210	10020						27230	27980	26910	

TOTALS	PHASE A	PHASE B	PHASE C	TOTAL	TOTAL AMPS:
	36580	37190	36930	110700 VA	384.55

PANELBOARD MP SCHEDULE

500 AMP MAIN CIRCUIT BREAKER 208 /120 VOLT 3 PHASE, 4WIRE, 22 K.A.I.C. MIN., SURFACE MTD. 60HZ

LOAD SERVED	LOAD (VA) A	LOAD (VA) B	LOAD (VA) C	BKR. SIZE	CKT. NO.	PHASE A B C	CKT. NO.	BKR. SIZE	LOAD (VA) A	LOAD (VA) B	LOAD (VA) C	LOAD SERVED
VENDING MACHINE	1000			20	1		2	20/3	1695			HP-13
VENDING MACHINE		1000		20	3		4	-		1695		-
HP-11			1820	20	5		6	-			1695	-
-	1820			20	7		8	20	700			EF-1
HEAT TRACE		2880		30	9		10	50/2		4510		AHU-8
REFRIGERATOR			1000	20	11		12	-			4510	-
AHU-9	4510			50/2	13		14	60/2	5510			AHU-1
-		4510		-	15		16	-		5510		-
AHU-2			4510	60/2	17		18	60/2			5510	AHU-3
-	4510			-	19		20	-	5510			-
AHU-4		4510		60/2	21		22	60/2		5510		AHU-5
-			4510	-	23		24	-			5510	-
AHU-6	5510			60/2	25		26	60/2	5510			AHU-7
-		5510		-	27		28	-		5510		-
AHU-12			4375	60/2	29		30	60/2			4375	AHU-13
-	4375			-	31		32	-	4375			-
AHU-10		2875		50/2	33		34	50/2		2875		AHU-11
-			2875	-	35		36	-			2875	-
HP-2	1695			20/3	37		38	20/3	1695			HP-1
-		1695		-	39		40	-		1695		-
-			1695	-	41		42	-			1695	-
HP-4	1695			20/3	43		44	20/3	1695			HP-3
-		1695		-	45		46	-		1695		-
-			1695	-	47		48	-			1695	-
HP-8	1695			20/3	49		50	20/3	1695			HP-5
-		1695		-	51		52	-		1695		-
-			1695	-	53		54	-			1695	-
HP-8	1695			20/3	55		56	20/3	1695			HP-7
-		1695		-	57		58	-		1695		-
-			1695	-	59		60	-			1695	-
SPARE				20/2	61		62	20/2	1955			HP-9
-				-	63		64	-		1955		-
HP-12	1695			20/3	65		66	50/2				SPARE
-		1695		-	67		68	-				SPARE
-			1695	-	69		70	20				SPARE
SPARE				20	71		72	20				SPARE
HP-10	1820			20/2	73		74	20				SPARE
-		1820		-	75		76	20				SPARE
SPARE				20/3	77		78	20				SPARE
-				-	79		80	20				SPARE
-				-	81		82	20				SPARE
SPARE				20	83		84	20				SPARE
SUBTOTAL	32020	31580	27565						32035	34345	31255	

TOTALS	PHASE A	PHASE B	PHASE C	TOTAL	TOTAL AMPS:
	64055	65925	58820	188800 VA	655.85

*SERVICE AND FEEDER CONDUCTOR SIZES HAVE BEEN CALCULATED BASED ON NONCOINCIDENT LOADS.

PANELBOARD TCP SCHEDULE

125 AMP MAIN CIRCUIT BREAKER 208 /120 VOLT 3 PHASE, 4WIRE, 22 K.A.I.C. MIN., SURFACE MTD. 60HZ.

LOAD SERVED	LOAD (VA) A	LOAD (VA) B	LOAD (VA) C	BKR. SIZE	CKT. NO.	PHASE A B C	CKT. NO.	BKR. SIZE	LOAD (VA) A	LOAD (VA) B	LOAD (VA) C	LOAD SERVED
CONTROL/ELEC RM LTS	210			20	1		2	20				SPARE
RANGE LTS (DIMMER)		5700		80/3	3		4	20		300		RED LIGHT (HOT RANGE)
-			5700	-	5		6	20			1560	A/C UNIT
-	5700			-	7		8	20				SPARE
SPARE				20	9		10	20				SPARE
TARGET SYS. REC			600	20	11		12	20/2			1080	PARKING LOT LTS
SPARE				20	13		14	-	1080			-
PA SYSTEM		1000		20	15		16	20				SPARE
REC			360	20	17		18	20				SPARE
COMPRESSOR	2400			30/2	19		20	20				SPARE
-		2400		-	21		22	20				SPARE
TARGET LINE POWER			600	20	23		24	20				SPARE

TOTALS	PHASE A	PHASE B	PHASE C	TOTAL	TOTAL AMPS:
	9390	9400	9900	28690 VA	99.66

PANELBOARD STB SCHEDULE

60 AMP MAIN CIRCUIT BREAKER 208 /120 VOLT 3 PHASE, 4WIRE, 22 K.A.I.C. MIN., SURFACE MTD. 60HZ.

LOAD SERVED	LOAD (VA) A	LOAD (VA) B	LOAD (VA) C	BKR. SIZE	CKT. NO.	PHASE A B C	CKT. NO.	BKR. SIZE	LOAD (VA) A	LOAD (VA) B	LOAD (VA) C	LOAD SERVED
LTS	480			20	1		2	20				SPARE
SPARE				20	3		4	20				SPARE
SPARE				20	5		6	20				SPARE
SPARE				20	7		8	20				SPARE
SPARE				20	9		10	20				SPARE
SPARE				20	11		12	20				SPARE
SUBTOTAL	480	0	0						0	0	0	

TOTALS	PHASE A	PHASE B	PHASE C	TOTAL	TOTAL AMPS:
	480	0	0	480 VA	1.67

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No. 104155

REVISIONS:

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SHEET TITLE: PANEL SCHEDULES - ELECTRICAL

SHEET NO: E0.4