



LIGHTING FIXTURE SCHEDULE										
TYPE	Description	LENS-LOUVER	MOUNTING	LAMP	BALLAST	VOLT	WATT	MFR	CATALOG SERIES	NOTE
RF1	254mm x 1220mm (10" X 4') FLUORESCENT STATIC TROFFER WITH FLAT WHITE ALUMINUM DOOR, SPECIFICATION GRADE.	PRISMATIC ACRYLIC .156" NOMINAL	RECESSED TROFFER	(2) F32T8 3100lm 81+CRI 3500K 36,000 HR	(1) 2-LAMP PS-NBF	120 V	56 W	LITHONIA	GT8	1,2
SL1	SURFACE LINEAR PENDANT	---	SURFACE MODULAR	LED 2048lm 3500K 60000 HR	DIMMABLE LED DRIVER	120 V	37 W	FINELIGHT	HP2-SM	
X-1	LED UNIVERSAL MOUNT RED LETTER "EXIT" STYLE EXIT SIGN WITH WHITE ALUMINUM HOUSING, SINGLE FACE, AND CHEVRON ARROWS AS SHOWN ON PLANS.	---	UNIVERSAL	< 3W LED MIN 50000 HR	---	120 V	3 W	LUMACELL	LER-450-UNIV	
X-2	LED UNIVERSAL MOUNT VOLTAGE, UNIVERSAL SINGLE/DOUBLE FACE PICTROGRAM STYLE EXIT SIGN WITH WHITE ALUMINUM HOUSING AND CHEVRON ARROWS AS SHOWN ON PLANS.	---	UNIVERSAL	< 3W LED MIN 50000 HR	---	120 V	3 W	LUMACELL	LER-460-UNIV	
XEL1	DOUBLE HEAD EMERGENCY LIGHTING DECORATIVE REMOTE. DIE CAST ALUMINUM CONSTRUCTION. WHITE		WALL	2 x 5W LED 50000HR 340 LUMENS	---	12 V	12 W	LUMACELL	MQM	

BALLAST TYPES:
 IS-LBF INSTANT START LOW BALLAST FACTOR
 IS-NBF INSTANT START NORMAL BALLAST FACTOR
 IS-HBF INSTANT START HIGH BALLAST FACTOR
 RS-NBF RAPID START NORMAL BALLAST FACTOR
 PS-LBF PROGRAMMED START LOW BALLAST FACTOR
 PS-NBF PROGRAMMED START NORMAL BALLAST FACTOR
 PS-HBF PROGRAMMED START HIGH BALLAST FACTOR
 PS-NBF-2 PROGRAMMED START NORMAL BALLAST FACTOR 2 STEP

GENERAL NOTES:
 A. EMERGENCY LIGHTING MODEL NUMBERS ARE BASED ON LUMACELL PRODUCT LINE. EMERGLITE, BEGHELLIE, AND AIMLITE MEETING PERFORMANCE SPECIFICATIONS ARE APPROVED EQUAL.
 B. WHERE "APPROVED EQUAL" IS LISTED IN THE MANUFACTURER COLUMN, FIXTURES MUST BE SUBMITTED AS A SUBSTITUTION FOR APPROVAL PRIOR TO BID SUBMISSION.

SCHEDULE NOTES:
 1. MATCH EXISTING TROFFER LIGHTS.
 2. COORDINATE THE SUPPLY OF DRYWAL TRIM KITS WITH DRAWINGS WHERE REQUIRED.

MECHANICAL EQUIPMENT SCHEDULE															
NO.	DESCRIPTION	ROOM	LOAD				PH	CIRCUIT	CONDUIT & WIRE SIZE	STARTER	CONTROL DEVICE		DISCONNECT		NOTES
			HP	A	W	VOLT					FURN. INST. WIRED	COMPONENT	FURN. INST. WIRED	COMPONENT	
AC-1	AIR CONDITIONER			8 A	0 W	208 V	1	BE-34,36	16(1/2)"C-2#12 #12 GND	PACKAGED	DIV. 23	LOW VOLTAGE TC	DIV. 23	NFS	DIV. 26
AG-1	ACCESS GATE			6 A	0 W	120 V	1	R-54	16(1/2)"C-2#12 #12 GND	---		---	DIV. 08	NFS	DIV. 26
EMA-1	ELECTRIC MAKE UP AIR			56 A	0 W	208 V	3	K-28,30,32	27(1)"C-3#4 #6 GND	PACKAGED	DIV. 23	LOW VOLTAGE TC	DIV. 23	NFS	DIV. 26
EMA-2	ELECTRIC MAKE UP AIR			9 A	0 W	208 V	3	BE-33,35,37	16(1/2)"C-3#12 #12 GND	PACKAGED	DIV. 23	LOW VOLTAGE TC	DIV. 23	NFS	DIV. 26
FC-1	FAN COIL			8 A	0 W	208 V	3	K-27,29,31	16(1/2)"C-3#12 #12 GND	PACKAGED	DIV. 23	LOW VOLTAGE TC	DIV. 23	NFS	DIV. 26
RH-1	RANGEHOOD			1.8 A	0 W	120 V	1	K-8	16(1/2)"C-2#12 #12 GND	---		---			

STARTER TYPES:
 FVNR FULL VOLTAGE NON-REVERSING
 FVR FULL VOLTAGE REVERSING
 Z-SPD TWO SPEED
 VFD VARIABLE-FREQUENCY DRIVE
 RVS REDUCED VOLTAGE

COMBINATION DISCONNECT TYPES:
 FS FUSED SWITCH
 NFS NON-FUSED SWITCH
 MCP MOTOR CIRCUIT PROTECTOR
 CB CIRCUIT BREAKER

CONTROL DEVICES:
 HOA HAND-OFF-AUTO SWITCH
 RP RED (RUN) PILOT LIGHT
 GP GREEN (POWER) PILOT LIGHT
 00 ON-OFF SELECTOR SWITCH
 SS STOP-START PUSHBUTTONS

ABBREVIATIONS:
 EC ELECTRICAL CONTRACTOR
 MC MECHANICAL CONTRACTOR
 GC GENERAL CONTRACTOR
 TC TEMPERATURE CONTROL
 OWN OWNER

GENERAL NOTES:
 A. CIRCUITING IS REPRESENTATIONAL ONLY. CONFIRM CIRCUITING ARRANGEMENTS ON SITE WITH EXISTING CONDITIONS.
 B. WIRING BETWEEN VSDS AND MOTORS SHALL BE RATED FOR VSD USE.
 C. INPUT AND OUTPUT CONDUCTORS TO AND FROM VFDs SHALL BE INSTALLED IN SEPARATE RACEWAYS, INDEPENDENT FROM ANY OTHER CONDUCTORS, AND SHALL NOT PASS THRU ANY COMMON WIREWAY OR RACEWAY

NOTES:
 1. REFER TO DETAILS FOR WIRING REQUIREMENTS.

EMERGENCY BATTERY BANK SCHEDULE										
ID MARK	TYPE	DESCRIPTION	LAMP	AC VOLT	DC VOLT	WATT	MFR	CATALOG SERIES	NOTE	
BB1	EB07H4	BATTERY BANK, STEEL CABINET COMPLETE WITH DOUBLE EMERGENCY LIGHTING HEADS AND AC/DC TERMINAL BLOCKS.	2 x 5W LED 50000HR 340 LUMENS	120 V	12 V	72 W	LUMACELL	RG12S		

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 B. WHERE "APPROVED EQUAL" IS LISTED IN THE MANUFACTURER COLUMN, FIXTURES MUST BE SUBMITTED AS A SUBSTITUTION FOR APPROVAL PRIOR TO BID SUBMISSION.

SCHEDULE NOTES:
 1. NA

PANELBOARD: K													
LOCATION:				VOLTAGE: 120/208 V, 3 ø 4 W.									
MOUNTING: SURFACE NEMA1				A.I.C. RATING: 10,000 AMPS SYMMETRICAL									
MAIN DEVICE: 225 A MLO				SPECIAL:									
BUS AMPS: 225 AMPS													
LOAD DESCRIPTION	BKR	POLES	CKT	A	B	C	CKT	POLES	BKR	LOAD DESCRIPTION			
			K-1	0.2			K-2	1	20 A	MICROWAVE			
RANGE	50 A	2	K-3		4.2	0.4	K-4	1	20 A	RCPT			
RCPT	20 A	1	K-5				K-6	1	20 A	RCPT			
RCPT	20 A	1	K-7	0.2	0.2		K-8	1	20 A	RANGE FAN			
RCPT	20 A	1	K-9		0.6		K-10						
RCPT	20 A	1	K-11			0.6	K-12						
COUNTER RCPT	20 A	1	K-13	0.4	0.7		K-14	1	15 A	S WALL RCPT			
			K-15				K-16						
			K-17				K-18						
LITES	20 A	1	K-19	0.9	1.2		K-20	1	20 A	REFRIDGERATOR			
			K-21				K-22						
			K-23				K-24						
N WALL LOUNGE RCPT	20 A	1	K-25	0.4	0.6		K-26	1	20 A	COUNTER RCPT			
			K-27			1.0	K-28						
FC-1	15 A	3	K-29				K-30	3	70 A	EMA-1			
			K-31	1.0	6.7		K-32						
			K-33				K-34						
			K-35				K-36						
			K-37				K-38						
			K-39				K-40						
			K-41				K-42						
			K-43				K-44						
			K-45				K-46						
			K-47				K-48						
			K-49				K-50						
			K-51				K-52						
			K-53				K-54						
			K-55				K-56						
			K-57				K-58						
			K-59				K-60						
TOTAL LOAD:				12 kVA	13 kVA	13 kVA							
TOTAL AMPS:				103 A	107 A	107 A							
LOAD CLASSIFICATION	CONNECTED	DEMAND	ESTIMATED	PANEL TOTALS									
Other	0 VA	0.00%	0 VA										
RCPT	13840 VA	86.13%	11920 VA	CONNECTED LOAD: 37993 VA									
LITES	881 VA	125.00%	1101 VA	ESTIMATED DEMAND: 36294 VA									
SPEC	23272 VA	100.00%	23272 VA	CONNECTED CURRENT: 105 A									
				EST. DEMAND CURRENT: 101 A									

NOTES:

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No. DATE: REVISION / ISSUANCE

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PAN AM POOL INTERIOR RENOVATION

25 POSEIDON BAY

Sheet Title

ELECTRICAL SCHEDULES

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