

SYMBOL LIST

	2' x 4' FLUORESCENT RECESSED MOUNTED LIGHT FIXTURE
	2' x 4' FLUORESCENT SURFACE MOUNTED LIGHT FIXTURE
	1' x 4' FLUORESCENT PENDANT LIGHT FIXTURE
	4' LONG FLUORESCENT WALL MOUNTED LIGHT FIXTURE
	WALLPACK HPS LIGHT FIXTURE
	EXIT LIGHT, SINGLE FACE - WALL MOUNTED (SHADED PORTION INDICATES FACE OF THE EXIT SIGN)
	TOGGLE SWITCH, SPST - MOUNTED @ +48" A.F.F., U.O.N. (SUFFIX INDICATES THE FOLLOWING: "3" = 3-WAY, "4" = 4-WAY) (CONTACT SWITCH: a, b, c, etc = INDICATES OUTLET CONTROLLED)
	PANELBOARD (LIGHTING OR POWER)
	TRANSFORMER
	MOTOR CONTROL STATION
	JUNCTION BOX - CEILING MOUNTED OR ABOVE CEILING
	20A, 120V, 1P DUPLEX RECEPTACLE, GROUND FAULT CIRCUIT INTERRUPTER TYPE, NEMA 5-20R, FLUSH MOUNTED, +18" AFF, U.O.N.
	20A, 120V, 1P DUPLEX RECEPTACLE "U" GROUND, NEMA 5-20R, FLUSH MOUNTED, +18" AFF, U.O.N.
	20A, 120V, 1P DOUBLE DUPLEX RECEPTACLE "U" GROUND, NEMA 5-20R, FLUSH MOUNTED, +18" AFF, U.O.N.
	208V, 3 PHASE RECEPTACLE
	20A, 120V, 1P DUPLEX RECEPTACLE "U" GROUND, NEMA 5-20R, FLOOR MOUNTED
	20A, 120V, 1P DOUBLE DUPLEX RECEPTACLE "U" GROUND, NEMA 5-20R, FLOOR MOUNTED
	COMBINATION TELEPHONE/DATA OUTLET, FLUSH MOUNTED, PROVIDE 3/4" MINIMUM WITH REQUIRED CABLES ROUTED UP TO 6" ABOVE CEILING SPACE, U.O.N.
	COMBINATION TELEPHONE/DATA OUTLET, FLOOR MOUNTED, PROVIDE 3/4" MINIMUM WITH REQUIRED CABLES ROUTED UP TO 6" ABOVE CEILING SPACE, U.O.N.
	TELEPHONE OUTLET, FLUSH MOUNTED, @+18" A.F.F., U.O.N. PROVIDE 3/4" MINIMUM WITH REQUIRED CABLES ROUTED UP TO 6" ABOVE CEILING SPACE, U.O.N.
	HEAT DETECTOR
	SMOKE DETECTOR
	DUCT SMOKE DETECTOR
	FIRE ALARM MANUAL PULL STATION, MOUNT AT +48" A.F.F.
	STROBE DEVICE, MOUNT AT +7"-6" A.F.F.
	INDICATES KEY NOTE
	CONDUIT RUN CONCEALED ABOVE CEILING OR IN WALLS OR EXPOSED
	CONDUIT RUN CONCEALED UNDERGROUND OR IN SLAB
	CONDUIT STUBBED UP
	CONDUIT STUBBED DOWN
	INDICATES HOMERUN TO DESIGNATED PANEL (i.e. "LP1") WITH CIRCUITS 1, 3 & 5 WITH COMMON NEUTRAL 3/4" - #12 & #12 GND
	GROUNDING CONDUCTOR INSTALLED ABOVE GRADE, #14/0 AWG, TINNED, BARE, STRANDED COPPER CONDUCTOR, UNLESS NOTED OTHERWISE.
	INDICATES LIGHTING FIXTURE TYPE
	INDICATES TOTAL LIGHTING FIXTURE WATTAGE
	INDICATES EQUIPMENT OR UNIT
	INDICATES EQUIPMENT OR UNIT NUMBER
	INDICATES DETAIL NUMBER
	INDICATES DRAWING NUMBER WHICH DETAIL IS TO BE FOUND
	BUS CONNECTION
	100A 3P MOLDED CASE CIRCUIT BREAKER, 3 POLES, SIZE AS INDICATED
	STARTER, SIZE AS INDICATED
	FUSE, RATED 200 AMPS
	GROUND
	TRANSFORMER, SIZE AND VOLTAGE RATINGS AS INDICATED ON DRAWING, DELTA PRIMARY AND Y SECONDARY CONNECTION WITH SOLID GROUND.
	DISCONNECT SWITCH, "NF" NON-FUSED "30A" RATING, 600V, 3P
	FUSED DISCONNECT SWITCH, 30A, 3P, WITH 30A FUSES
	COMBINATION STARTER WITH DISCONNECT SWITCH
	MOTOR (NUMBER INDICATES HORSEPOWER RATING)
	TRANSIENT VOLTAGE SURGE SUPPRESSOR
	POTENTIAL TRANSFORMER
	DISCONNECTING DEVICE
	START-STOP PUSHBUTTON
	3-POSITION SELECTOR SWITCH

ABBREVIATIONS

A	AMP	AMPERES
AFF	ABOVE FINISHED FLOOR	
AHU	AIR HANDLING UNIT	
AF	AMP FUSE	
AS	AMP SWITCH	
BLDG.	BUILDING	
C	CONDUIT	
CB	CIRCUIT BREAKER	
CH	CHILLER	
C.O.	CONDUIT ONLY	
CWP	CHILLED WATER PUMP	
CWRP	COOLING WATER BOOSTER PUMP	
CU	CONDENSING UNIT	
DISC	DISCONNECT	
DWG	DRAWING	
(E)	EXISTING	
EF	EXHAUST FAN	
EMERG.	EMERGENCY	
EOL	END OF LINE	
FCU	FAN COIL UNIT	
FL	FLUORESCENT	
GFCI	GROUND FAULT CURRENT INTERRUPTER	
GND	GROUND	
HT	HEIGHT	
HWP	HOT WATER PUMP	
JB	JUNCTION BOX	
KAIC	THOUSAND AMPERES INTERRUPTING CAPACITY	
KW	KILO WATT	
KVA	KILO VOLT-AMP	
LED	LIGHT EMITTING DIODE	
LP	LIGHTING PANEL	
LTG	LIGHTING	
MAU	MAKE-UP AIR UNIT	
MCC	MOTOR CONTROL CENTER	
MCP	MOTOR CIRCUIT PROTECTION	
MH	MANHOLE, MOUNTING HEIGHT	
MTD	MOUNTED	
MTG	MOUNTING	
NEC	NATIONAL ELECTRICAL CODE	
N.I.C.	NOT IN CONTRACT	
NO.	NUMBER	
NL	NIGHT LIGHT	
OFCI	OWNER FURNISHED, CONTRACTOR INSTALLED	
OH	OVERHEAD	
PF	POWER FACTOR	
PH	PHASE	
PNL	PANEL	
PP	POWER PANEL	
PROVIDE	FURNISH, INSTALL AND CONNECT	
PWR	POWER	
QTY.	QUANTITY	
(R)	EXISTING DEVICE OR EQUIPMENT TO BE REMOVED	
REQD	REQUIRED	
SHT	SHEET	
SIGN.	SIGNAL	
SQ.	SQUARE	
TYP.	TYPICAL	
UDN	UNLESS OTHERWISE NOTED	
V	VOLT	
W	WATT	
WP	WEATHERPROOF	
W/	WITH	
XFMR	TRANSFORMER	

SYMBOL	TYPE	MANUFACTURER	CATALOG NO.	ALTERNATE MANUFACTURERS	FIXTURE DESCRIPTION	LAMPS			VOLT	FIXT. INPUT	MTG	REMARKS
						TYP	DESCRIPTION	QTY.				
	A	LITHONIA	2PM3 B3 32 18LD 120 GEB 10 RS	COLUMBIA H.E. WILLIAMS	2"x4" 3-LAMP, FLUORESCENT, RECESSED PARABOLIC TROFFER WITH 3" LOW IRRIDESCENT ANODIZED DIFFUSE SILVER LOUVER	FL	F032 T8/35K	3	120	90	R	
	B	LITHONIA	2PM3 B4 32 18LD 120 GEB 10 RS	COLUMBIA H.E. WILLIAMS	SAME AS TYPE "A" EXCEPT 4-LAMP	FL	F032 T8/35K	4	120	119	R	
	C	LITHONIA	2PM3 B3 32 18LD 120 GEB 10 RS	COLUMBIA H.E. WILLIAMS	SAME AS TYPE "A" EXCEPT 2-LAMP	FL	T12RS	2	120	58	R	
	D	LITHONIA	EJA 2 32 120 GEB10RS	COLUMBIA H.E. WILLIAMS	48" LONG GENERAL PURPOSE FLUORESCENT INDUSTRIAL TYPE LIGHTING FIXTURE	FL	F032 T8/35K	2	120	63	S	
	E	DUAL LITE	LTUGW-X		TANDEM EMERGENCY LIGHTING UNIT/EXIT SIGN WITH EMERGENCY BATTERY PACK AND GREEN LETTERS IN WHITE BACKGROUND	HAL	LED	1	120	10	S	WALL MOUNTED
	F	LITHONIA	TWAC 705 120 LPI RK1 PEB1	CROUSE-HINDS GENERAL ELECTRIC LIGHTING	CUTOFF MINI WALL-PACKS, POLYCARBONATE REFRACTOR WITH PHOTOELECTRIC CONTROL KIT	HPS	70W	1	120	87	S	
	G	LITHONIA	PM3X 2 32 18LD 120 GEB 10 RS	COLUMBIA H.E. WILLIAMS	1"x4" 2-LAMP, FLUORESCENT, SURFACE MOUNTED PARABOLIC LUMINAIRE WITH 3" LOW IRRIDESCENT ANODIZED SEMI-SPECULAR SILVER LOUVER	FL	F032 T8/35K	3	120	58	S	
	H	APPLETON	MLRL7030GH1-KR2-ST	CROUSE-HINDS GENERAL ELECTRIC LIGHTING	INDUSTRIAL DROP LIGHT WITH WIRE GUARD AND REFLECTOR	HPS	70W	1	120	83	ST	MOUNTED AT SIDE OF PIPE SUPPORT

REV	DESCRIPTION	DRAWN	CHECKED	APPROVED	DATE
0	ISSUED FOR CONSTRUCTION	JR	AH	SP	03/11/05

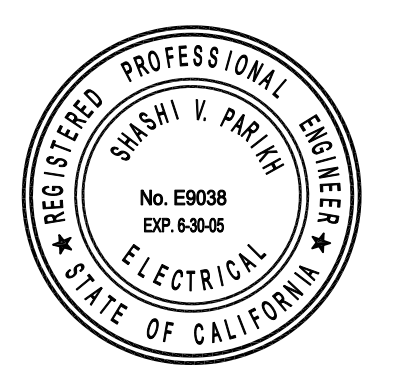
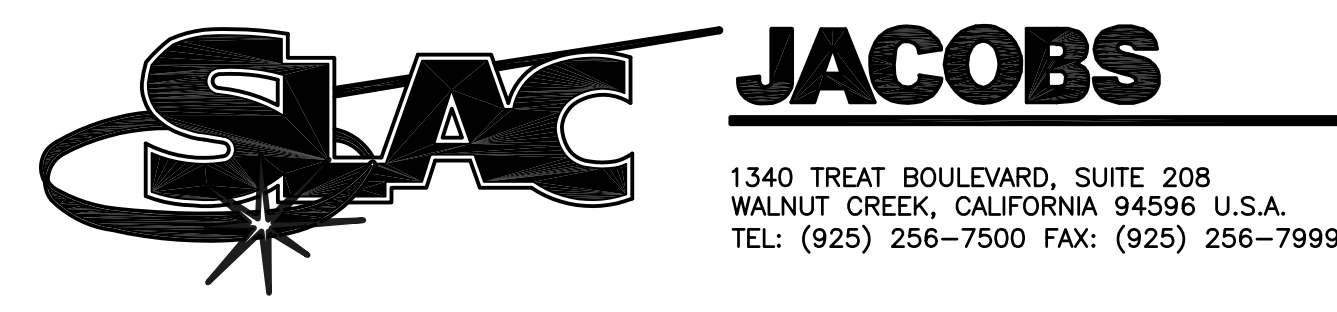
SCALE: NONE DO NOT SCALE DRAWING E-1

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ENGR: AH DATE: 03/11/05 APPROVALS: _____
 DWS: JR DATE: 03/11/05 _____
 DWS: SP DATE: 03/11/05 _____

ID 383-302-035-C0 E

03/11/05



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