

ELECTRICAL LEGEND	
SYMBOL	DESCRIPTION
	LIGHTING FIXTURE - SEE FIXTURE SCHEDULE
	LIGHTING FIXTURE - SEE FIXTURE SCHEDULE
	EXIT SIGN FIXTURE - SEE FIXTURE SCHEDULE
	SINGLE POLE TOGGLE SWITCH
	SUBSCRIPT DENOTES FIXTURE BEING CONTROLLED
	THREE-WAY TOGGLE SWITCH
	DIMMER SWITCH
	OCCUPANCY SENSOR
	CEILING MOUNTED OCCUPANCY SENSOR
	LIGHTING CONTROL POWER PACK RELAY
	PHOTOELECTRIC CONTROL
	DUPLEX CONVENIENCE OUTLET
	COUNTER TOP MOUNTING HEIGHT (CLEAR BACK SPLASH)
	DOUBLE-DUPLEX CONVENIENCE OUTLET
	SPECIAL OUTLET
	JUNCTION BOX
	JUNCTION BOX W/FLEXIBLE CONDUIT
	ELECTRIC MOTOR
	MOTOR RATED SWITCH
	2 POLE MOTOR RATED SWITCH
	FLOOR BOX WITH COMBINATION DUPLEX POWER OUTLET AND DATA OUTLET
	ELECTRICAL PANELBOARD - SURFACE MOUNTED (HATCHING DENOTES NEW EQUIPMENT)
	ELECTRICAL PANELBOARD (HATCHING DENOTES NEW EQUIPMENT)
	TELEDATA BACKBOARD
	UTILITY METER
	DISCONNECT SWITCH (HATCHING DENOTES NEW EQUIPMENT)
	TRANSFORMER
	DATA/COMMUNICATIONS OUTLET (SEE SPECIFICATIONS FOR ROUGH-IN REQUIREMENTS)
	CATV OUTLET
	WIRELESS ACCESS POINT
	CONDUIT RUN CONCEALED IN WALL OR ABOVE CEILING
	HOME RUN TO ELECTRIC PANELBOARD
	CONDUIT RUN CONCEALED BELOW FLOOR OR IN SLAB
	SMOKE DETECTOR (CEILING MOUNTED)
	HEAT DETECTOR (CEILING MOUNTED)
	CARD READER
	ELECTRIC STRIKE
	KEYPAD
	REMOTE RELEASE
	DOOR OPERATOR
	COUNTER-TOP-HEIGHT MOUNTED
	ELECTRIC WATER COOLER
	GROUND FAULT INTERRUPTER PROTECTED
	WEATHERPROOF

LIGHTING FIXTURE SCHEDULE							
MARK	DESCRIPTION	LUMENS	VOLTS	MOUNTING	MANUFACTURER	CATALOG NUMBER	WATTAGE
A	2X4 FLAT PANEL	3000	MVOLT	LAY-IN	LITHONIA	CPX 2X4 3000LM 80CRI 40K SWL MVOLT	24.6
AE	2X4 FLAT PANEL w/ EMERGENCY BATTERY	3000	MVOLT	LAY-IN	LITHONIA	CPX 2X4 3000LM 80CRI 40K SWL MVOLT E10W	24.6
B	2X2 FLAT PANEL	2000	MVOLT	LAY-IN	LITHONIA	CPX 2X2 2000LM 80CRI 40K SWL MVOLT	15.6
BE	2X2 FLAT PANEL w/ EMERGENCY BATTERY	2000	MVOLT	LAY-IN	LITHONIA	CPX 2X2 2000LM 80CRI 40K SWL MVOLT E10W	15.6
D1	6" DOWNLIGHT (LO LUMEN)	500	MVOLT	RECESSED	GOTHAM	EV06 40/05 * LD MD MVOLT G21	6.2
D1E	6" DOWNLIGHT (LO LUMEN) w/ EMERGENCY BATTERY	500	MVOLT	RECESSED	GOTHAM	EV06 40/05 * LD MD MVOLT G21 E10W	6.2
D2S	6" DOWNLIGHT (SHOWER)	1000	MVOLT	RECESSED	GOTHAM	EV06SH 40/10 DFR SOL MVOLT E10WR	9.6
D2	6" DOWNLIGHT (HI LUMEN)	1000	MVOLT	RECESSED	GOTHAM	EV06 40/10 * LD MD MVOLT G21	9.6
D2E	6" DOWNLIGHT (HI LUMEN) w/ EMERGENCY ABATTERY	1000	MVOLT	RECESSED	GOTHAM	EV06 40/10 * LD MD MVOLT G21 E10W	9.6
L1	LED AREA LIGHT	8200	MVOLT	POLE	STERNBERG	PT B750 5P VCOB-4L 35 TS MDL05 P *	74.4
	10' POLE	N/A	N/A	FOUNDATION	STERNBERG	33 10 FPS .250 *	N/A
L2	LED AREA LIGHT	8400	MVOLT	POLE	STERNBERG	PT B750 5P VCOB-4L 35 TA MDL05 P *	74.4
	10' POLE	N/A	N/A	FOUNDATION	STERNBERG	33 10 FPS .250 *	N/A
P	LED PENDANT	650LMF	MVOLT	SUSPENDED	ALW	RPL3S S8 LOW V01 EXT N N * UNV N	5.3/FT
S	4' STRIPLIGHT	4000	MVOLT	SURFACE	LITHONIA	CSS L48 4000LM MVOLT 40K 80CRI	35.3
SE	4' STRIPLIGHT w/ EMERGENCY BATTERY	4000	MVOLT	SURFACE	LITHONIA	CSS L48 4000LM MVOLT 40K 80CRI IE10ECPHE	35.3
T	TAPE LIGHT	270LMF	24VAC	RECESSED	ACOLYTE	CHAR9 M SV RB 90 SWMC20 4.5 35 4 ** FI **	4.5/FT
	TAPE LIGHT DRIVER	N/A	MVOLT	SURFACE	ACOLYTE	DRVW2460TRI010	60
V	LED VAPOR TIGHT	4000	MVOLT	SURFACE	LITHONIA	CSVT L48 4000LM MVOLT 40K 80CRI IE7WCP	34.0
X	SINGLE-SIDE EXIT SIGN w/ EMERGENCY BATTERY	LED	MVOLT	UNIVERSAL	LITHONIA	EDGR 1 R RMR EL SD	3.8
W	LED WALL PACK	1200	MVOLT	SURFACE	LITHONIA	WDGE1 LED P1 40K 80CRI VW MVOLT SRM *	10.0

PANEL DESCRIPTION:		AC [ EXISTING ]		MOUNTING:		SURFACE		VOLT:		
				A.I.C.:		10,000		PHASE:		
				MAIN:		600 MCB		WIRE:		
								120/240		
								1		
								3		
SERVING	CKT #	BKR AMP.	WIRE	COND.	PHASE A C	COND.	WIRE	BKR AMP.	CKT #	SERVING
AHU #4	1	60	---	---	●	---	---	60	2	AHU #5
	3				●				4	
CU #4	5	30	---	---	●	---	---	30	6	CU #5
	7				●				8	
MOTORIZED DAMPERS	9	20	---	---	●	---	---	20	10	SPARE
AHU #6	11	60	---	---	●	---	---	30	12	CU #6
	13				●				14	
PANEL 'A'	15	100			●			200	16	PANEL 'B'
	17				●				18	
PANEL 'X'	19	60			●	---	---	20	20	SPARE
	21				●	---	---	20	22	SPARE
SPARE	23	20	---	---	●	---	---	20	24	SPARE
SPARE	25	20	---	---	●	---	---	20	26	SPARE
SPARE	27	20	---	---	●	---	---	20	28	SPARE
SPARE	29	20	---	---	●	---	---	---	30	SPACE
NEW PANEL C1	31	400	3-600	3"	●	---	---	---	32	SPACE
	33		3G		●	---	---	---	34	SPACE
SPACE	35	---	---	---	●	---	---	---	36	SPACE
SPACE	37	---	---	---	●	---	---	---	38	SPACE
SPACE	39	---	---	---	●	---	---	---	40	SPACE
SPACE	41	---	---	---	●	---	---	---	42	SPACE
TOTAL LOAD								EXISTING KVA		
								EXISTING AMPS		
NEW ADD. LOAD								83.87 KVA		
								349.46 AMPS		

EQUIPMENT SERVED	AMPERAGE RATING	VOLTAGE RATING	POLES	DUTY LISTING	NEMA RATING	FUSE SIZE
CU	30	240	1	HEAVY	3R	*
ELEVATOR	100	240	1	HEAVY	1	*
MSCU	30	240	1	HEAVY	3R	*
WH	60	240	1	HEAVY	1	*

PANEL DESCRIPTION:		C1 [ NEW ]		MOUNTING:		SURFACE:		VOLT:		120/240	
				A.I.C.:		10,000		PHASE:		1	
						400 MCB		WIRE:		3	
SERVING	CKT #	BKR AMP.	WIRE	COND.	PHASE A C	COND.	WIRE	BKR AMP.	CKT #	SERVING	
PANEL C2	1	200	2-3/0	1.5"	⊕	1/2"	2-12	20	2	LOBBY	
	3	60	6G		⊕	1/2"	2-12	20	4	BREAKROOM RECPT	
LIGHTING	5	20	2-12	1/2"	⊕	1/2"	2-12	20	6	BREAKROOM RECPT	
LIGHTING	7	20	2-12	1/2"	⊕	1/2"	2-12	20	8	BREAKROOM RECPT	
AHU-1	9	60	2-6	3/4"	⊕	1/2"	2-12	20	10	SUMP PUMP	
	11	10G			⊕	1/2"	2-12	20	12	ELEVATOR PIT	
AHU-2	13	30	2-10	1/2"	⊕	1/2"	2-12	20	14	OFFICE 4	
	15	10G			⊕	1/2"	2-12	20	16	OFFICE 3	
CU-1	17	30	2-10	1/2"	⊕	1/2"	2-12	20	18	OFFICE 2	
	19	10G			⊕	1/2"	2-12	20	20	SUPPLIES	
CU-2	21	20	2-12	1/2"	⊕	1/2"	2-12	20	22	OFFICE 1	
	23	12G			⊕	1/2"	2-12	20	24	MSCU-2	
CU-3	25	20	2-12	1/2"	⊕	1/2"	2-12	20	26		
	27	12G			⊕	1/2"	2-12	20	28	EXTERIOR LIGHTING	
CU-4	29	30	2-10	1/2"	⊕	1.25"	3-4	80	30	ELEVATOR	
	31	10G			⊕	8G			32		
SPARE	33	20	--	--	⊕	1/2"	2-12	20	34	ELEVATOR CAB	
SPD	35	60	3-6	1"	⊕	12G			36		
	37	--	--	--	⊕	--	--	--	38	SPACE	
SPACE	39	--	--	--	⊕	--	--	--	40	SPACE	
	41	--	--	--	⊕	--	--	--	42	SPACE	

(1) FINAL AIC RATING FOR THE PANEL TO BE BASED UPON FAULT CURRENT STUDY. FAULT CURRENT TOTAL LOAD 79.31 KVA  
 VALUE PROVIDED IS FOR BIDDING PURPOSES ONLY. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION. 330.45 AMPS

(2) ALL SCHEDULED SPARE CIRCUIT BREAKERS SHALL BE INSTALLED IN THE OFF POSITION.

PANEL DESCRIPTION:	C2 [ NEW ]		MOUNTING:				SURFACE MOUNTING:		VOLT:		
			A.I.C.:				10,000		PHASE:		
			MAIN:				200 MCB		WIRE:		
SERVING	CKT #	BKR AMP.	WIRE	COND.	PHASE A	C	COND.	WIRE	BKR AMP.	CKT #	SERVING
LIGHTING	1	20	2-12	1/2"	○	○	1/2"	2-12	20	2	BREAKROOM RECPT
LIGHTING	3	20	2-12	1/2"	○	○	1/2"	2-12	20	4	BREAKROOM RECPT
EF-3,4	5	20	2-12	1/2"	○	○	1/2"	2-12	20	6	BREAKROOM RECPT
AHU-4	7	60	2-6	3/4"	○	○	1/2"	2-12	20	8	CONFERENCE 225
AHU-3	9		10G		○	○	1/2"	2-12	20	10	OFFICE 8
	11	50	2-6	3/4"	○	○	1/2"	2-12	20	12	OFFICE 7
	13		10G		○	○	1/2"	2-12	20	14	OFFICE 6
SPARE	15	20	---	---	○	○	1/2"	2-12	20	16	RECEPTACLES
SPARE	17	20	---	---	○	○	1/2"	2-12	20	18	OFFICE 5
SPARE	19	20	---	---	○	○	1/2"	2-12	20	20	TELE/DATA BKBD
SPARE	21	20	---	---	○	○	---	---	20	22	SPARE
SPARE	23	20	---	---	○	○	---	---	20	24	SPARE
SPACE	25	---	---	---	○	○	---	---	---	26	SPACE
SPACE	27	---	---	---	○	○	---	---	---	28	SPACE
SPACE	29	---	---	---	○	○	---	---	---	30	SPACE

(2) ALL SCHEDULED SPARE CIRCUIT BREAKERS SHALL BE INSTALLED IN THE OFF POSITION



**ADG**  
ENGINEERING

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2026



Drawing Title  
RISER, SYMBOLS, FIXTURE SCHEDULE



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