

<u>System</u>	<u>Item Description</u>	<u>Qty</u>	<u>UOM</u>
Service and distribution			
	Main circuit breaker, 800 amp, 120/208v, 3ph, 4w	1	EA
	Panelboard, 200 amp, 120/208v, 3ph, 4w	1	EA
	Panelboard, 250 amp, 120/208v, 3ph, 4w	1	EA
	Dimming control panel, provided by EMS vendor, EC install	1	EA
	EMS control panel, provided by EMS vendor, EC install	1	EA
	Lighting control panel, provided by EMS vendor, EC install	1	EA
	Transformer, 75kVA, 480-120/208v, 3ph, 4w	1	EA
	(2) 3 1/2" emt (3) #600 (1) #3/0 - Meter (existing) to Circuit Breaker M	140	LF
	1 1/2" emt (4) #1/0 (1) #2 - Panel L to Panel P	30	LF
	2 1/2" emt (4) #300 (1) #1/0 - Transformer to Panel L	10	LF
	2" emt (3) #4/0 (1) #2 - Circuit Breaker M to Transformer	10	LF
	3/4" (3) #10 - Panel DCP to LCP to Panel P	10	LF
	3/4" (3) #10 - Panel DCP to Panel P	10	LF
	Conduit, 1" emt	20	LF
HVAC and equipment			
	Connection to exhasut fan, 20 amp connection, N1	4	EA
	Connection to fire alarm panel, 20 amp connection, N1	1	EA
	Connection to forklift charger, 30 amp connection, N1	1	EA
	Connection to hand dryers, 20 amp connection, N1	2	EA
	Connection to rack power, 20 amp connection, N1	1	EA
	Connection to RTU, 60 amp connection, N3R	4	EA
	Connection to sign, 20 amp connection, N1	1	EA
	Connection to water heater, 30 amp connection, N1	1	EA
	Duct smoke detector	4	EA
	Conduit, 1" emt (4) #4	530	LF
	Conduit, 3/4" emt (3) #10	260	LF
	Conduit, 3/4" emt (3) #12	1260	LF
Wiring device			
	Double Duplex receptacle, 20 amp	25	EA
	Double Duplex receptacle, 20 amp - GFI	3	EA
	Double Duplex receptacle, 20 amp isolated ground, dedicated	11	EA
	Double Duplex receptacle, 20 amp, ceiling mount	12	EA
	Duplex receptacle, 20 amp	15	EA
	Duplex receptacle, 20 amp - GFI	1	EA
	Duplex receptacle, 20 amp - GFI, WP	4	EA
	Plugstrip, 4' - OFCI	2	EA
	Power pole, two compartment, 15'	2	EA
	Push button, Dortronics #WR5276-HD29	1	EA
	Service bell, Edwards #340-6G5/598-348	1	EA
	Conduit, 3/4" emt (3) #12	1470	LF
	Conduit, 3/4" emt (4) #12	420	LF
	Conduit, 3/4" emt (3) #10	430	LF
	Conduit, 3/4" emt (3) #8	3250	LF
	Conduit, 3/4" emt (4) #8	3200	LF
Light fixtures			
	Type A, 2x4 LED troffer	2	EA

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	Type AE, 2x4 LED troffer w/EM	2	EA
	Type B, 2x4 LED troffer	3	EA
	Type BE, 2x4 LED troffer w/EM	4	EA
	Type C run length	614	LF
	Type C, 8' chain hung strip	72	EA
	Type C1, 4' chain hung strip	2	EA
	Type CE, 8' chain hung strip w/EM	26	EA
	Type D, 8' surface mount strip	14	EA
	Type D1, 4' surface mount strip	5	EA
	Type D1E, 4' surface mount strip w/EM	1	EA
	Type DE, 8' surface mount strip w/EM	10	EA
	Type EM1, single face exit	8	EA
	Type EM2, double face exit	5	EA
	Type EM5, exterior w/ emergency fixture	4	EA
	Type SB, exterior wall mounted fixture	11	EA
	Type SC, exterior wall mounted fixture	3	EA
	Conduit, 3/4" emt (5) #12	250	LF
	Conduit, 3/4" emt (7) #12	20	LF
	Conduit, 3/4" emt (3) #18	60	LF
	Conduit, 3/4" emt (3) #14	2290	LF
	Conduit, 3/4" emt (3) #10	300	LF
	Conduit, 3/4" emt (3) #12	790	LF
	Conduit, 3/4" emt (3) #8	340	LF
	Conduit, 3/4" emt (4) #8	1970	LF
Lighting controls			
	Dimmer Switch	3	EA
	Dimmer/Occupancy Switch	3	EA
	Lighting control relay	1	EA
	Occupancy sensor, ceiling mounted	2	EA
	Occupancy Sensor, fixture mounted	28	EA
	Single Pole Switch	2	EA
	Connection to LCP, #12 awg wire - 30' coiled	60	EA
Communications			
	Copper bus bar, 12"x4"x1/2"	2	EA
	Data outlet, rough-in - 1 1/2" emt	15	EA
	Door contact, rough-in - 3/4" emt	6	EA
	Fire rated plywood, 4'x8'x3/4"	1	EA
	Glass break detector, rough-in - 3/4" emt	3	EA
	Junction box, 3/4" stub-up	1	EA
	Motion detector ceiling mounted, rough-in -3/4" emt	3	EA
	Motion detector wall mounted, rough-in -3/4" emt	4	EA
	Security camera, rough-in - 1" emt	12	EA
	Speakers, rough-in - 3/4" emt	4	EA
	Speakers/Amplifier, rough-in - 1 1/2" emt	3	EA
	Wireless access point, rough-in - 3/4" emt	1	EA
	Conduit, (3) 1 1/2" emt stub to joist	1	EA

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	Conduit, 1 1/2" emt	140	LF
	Conduit, 1" emt stub to joist	1	EA
	Conduit, 3/4" emt stub to joist	2	EA
	Conduit, 4" emt stub to joist	1	EA
Energy Management System			
	Conduit, (2) 1" emt - stubbed to joist	1	EA
	Junction box, 3/4" stub-up	2	EA
	Pull box, 6"x6"x4"	1	EA
Demolition			
	Demolition, site pole and base	7	EA
Site lighting			
	Type existing to remain in place	9	EA
	Type SD, pole mounted double head, 20'	3	EA
	Type SE, pole mounted single head, 20'	1	EA
	Conduit, 3/4" pvc (3) #8	480	LF
	Conduit, 3/4" emt (3) #8	390	LF
	Trenching, backfill, and compaction	350	LF