

KEYED NOTES

**MECHANICAL EQUIPMENT SCHEDULE**

ITEM#	DESCRIPTION	VOLT	PHASE	CIRCUIT BREAKER	WIRE AND CONDUIT	ELECTRICAL DEVICE CONNECTIONS							REMARKS	
						⊕	⊖	⊗	⊙	⊚	⊛	⊜		
EH-1	ELEC UNIT HEATER	120	1	20A - 1P	2#12 & 1#2B 3/4"	✓								SWITCH RATING 30A
EH-2	ELEC UNIT HEATER	120	1	20A - 1P	2#12 & 1#2B 3/4"	✓								SWITCH RATING 30A
EH-3	ELEC UNIT HEATER	120	1	20A - 1P	2#12 & 1#2B 3/4"	✓								SWITCH RATING 30A
EF-1	EXHAUST FAN	120	1	20A - 1P	2#12 & 1#2B 3/4"		✓							SWITCH RATING 30A
EF-2	EXHAUST FAN	480	3	20A - 3P	3#12 & 1#2B 3/4"			✓						SWITCH RATING 30A
EF-3	EXHAUST FAN	480	3	20A - 3P	3#12 & 1#2B 3/4"			✓						SWITCH RATING 30A
ACC-1 TO ACC-14	AIR COOLED CONDENSER	480	3	20A - 3P	3#12 & 1#2B 3/4"				✓					SWITCH RATING 30A
ACC-15 TO ACC-17	AIR COOLED CONDENSER	480	3	20A - 3P	3#12 & 1#2B 3/4"				✓					SWITCH RATING 30A
EC-1 TO EC-5	ELECTRIC ELEVATOR	480	3	20A - 3P	3#12 & 1#2B 3/4"					✓				SWITCH RATING 30A
CRAC-1 TO CRAC-17	COMPUTER ROOM UNIT	480	3	110A - 3P	3#1 & 1#8B 1-1/4"						✓			SWITCH RATING 300A
TP-1	TRANSFER PUMP	208	3	20A - 3P	3#12 & 1#2B 3/4"							✓		SWITCH RATING 30A
LJL-1	LIFT JET	480	3	20A - 3P	3#12 & 1#2B 3/4"								✓	SWITCH RATING 30A
EXST. RTU-1,2,3	ROOF TOP UNIT	480	3	40A - 3P	3#8 & 1#10 3/4"								✓	SWITCH RATING 30A

J1 MECHANICAL EQUIPMENT SCHEDULE NTS

**SITE LIGHTING FIXTURE SCHEDULE**

SYMBOL	FXTR	LAMP		FXTR INPUT WATTS	VOLTS	MANUFACTURER	CATALOG #	DESCRIPTION REMARKS	MOUNTING	POLE MANUF.	CAT. #	
		DESCRIPTION	WATTS									
⊕	R4	1	METAL HALIDE	260	300	120	LITHONIA	BV2 250M R4 SPB04 9F DBL W/ PHOTOCCELL	ARM MOUNTED PREMIUM CUT-OFF FIXTURE WITH SEGMENTED OPTICS	20'-0" POLE	LITHONIA	SSS-20-98-DM19-DBL
⊕	R6	1	METAL HALIDE	260	300	120	LITHONIA	BV2 250M R4 SPB04 9F DBL W/ PHOTOCCELL	ARM MOUNTED PREMIUM CUT-OFF FIXTURE WITH SEGMENTED OPTICS	14'-0" POLE	LITHONIA	SSS-14-4C-DM19-DBL

D1 SITE LIGHTING FIXTURE SCHEDULE NTS

**LIGHTING FIXTURE SCHEDULE**

SYMBOL	TM#	TYPE	DESCRIPTION	MOUNTING	BALLAST	VOLTS	LAMPS	MANUFACTURER	REMARKS
⊕	F13	FLOOR	17" x 17" INDUSTRIAL FLUORESCENT, STEEL HOUSING W/WHITE FINISH, SOLID TOP, SPECULAR SILVER REFLECTOR FINISH (BOX REFL) SURFACE MOUNTED UDLN	CEILING PENDANT	(1) ELECTRONIC HFF	120V	(2) F32TB	LITHONIA L SERIES COLUMBIA, OR APPROVED EQUAL	INPUT WATTS = 84
⊕	F14	FLOOR	4' DIRECT/INDIRECT, 1/8" PROFILE WITH A PERFORATED DIFFUSER W/ OPAL INLAY.	WALL MOUNTED	(1) ELECTRONIC HFF INSTANT-ON	120V	(1) 32W78	ZUMTobel STAFF	4' DIRECT/INDIRECT, LOCATED IN CORRIDORS.
⊕	F10	FLOOR	SAME AS TYPE F12 EXCEPT 2' x 2', 15 CELLS, AND LAMPS.	CEILING RECESSED	ELECTRONIC HFF	120V	(2) T8AB	LIGHTOLIER VRA SERIES, COLUMBIA 45 SERIES, OR APPROVED EQUAL	INPUT WATTS = 84
⊕	F15	FLOOR	6"W x 24" x 1 x 126" UNDERCABINET FIXTURE, STEEL HOUSING W/WHITE FINISH, WRAPAROUND LENS W/OPALQUE FRONT, CLEAR BOTTOM PRISMATIC ACRYLIC LENS.	SURFACE TO BOTTOM OF CABINET	(1) ELECTRONIC HFF INSTANT-ON	120V	(2) BMT3 3000 K	LITHONIA UC SERIES, COLUMBIA, OR APPROVED EQUAL	INPUT WATTS = 30
⊕	EX1	LED	LED EXIT SIGN SINGLE OR DOUBLE FACE W/ 90 MIN EMERGENCY BATTERY PACK, UNIVERSAL MOUNTING, WITH BATTERY MONITOR.	UNIVERSAL WALL SURFACE	NONE	120V	LED	LITHONIA SIGNATURE LES SERIES, OR APPROVED EQUAL	SINGLE OR DOUBLE FACE AS INDICATED BY SHADING, HD, AND DIRECTION OF ARROWS AS INDICATED. INPUT WATTS = 1.2 PER FACE.
⊕	EX2	LED	LED EXIT SIGN SINGLE OR DOUBLE FACE W/ 90 MIN EMERGENCY BATTERY PACK, UNIVERSAL MOUNTING, WITH BATTERY MONITOR.	UNIVERSAL CEILING SURFACE, UDLN	NONE	120V	LED	LITHONIA SIGNATURE LES SERIES, OR APPROVED EQUAL	SINGLE OR DOUBLE FACE AS INDICATED BY SHADING, HD, AND DIRECTION OF ARROWS AS INDICATED. INPUT WATTS = 1.2 PER FACE.
⊕	F2	FLOOR	PENDANT MOUNTED 9 1/2" W x 4 1/8" D x 4" H W/WRAPAROUND TYPE FLUORESCENT FIXTURE FIXTURE TO BE 90% EFFICIENT, SUPPLIED WITH ELECTRONIC BALLAST AND T-8 LAMPS. ONE PIECE EXTRUDED 100% CLEAR W/RGB ACRYLIC PRISMATIC LENS	CEILING PENDANT	CEILING	120V	(2) F32TB 4100K	HUBBELL CAT# WCS-232-14	INPUT WATTS = 84
⊕	H18	FLOOR	SURFACE MOUNTED FLUORESCENT LIGHT INSTALLED ON ROOF TOP HVAC EQUIPMENT	SURFACE WALL	ELECTRONIC	120V	(1) ED-17 35W, NH	HUBBELL NRC-305-120	
⊕	F1	HAL	4 1/4" W x 2 1/8" H MATTE BLACK DECORATIVE FIXTURE, 18" CABLE/WIRE LYEDROOF.	CEILING PENDANT	NONE	120V	T4 HAL 12V 30W	LIGHTOLIER B800K-B825K-8640BL	
⊕	F3	HAL	8-3/4" COMPACT FLUORESCENT STEP BAFFLE 110B	CEILING MOUNTED	ELECTRONIC HFF	120V	(2) 13W QUAD	LIGHTOLIER 110B	FRAME IN KIT
⊕	WS	HAL	UPRIGHT WALL SCHEME SOLID BRASS WEDGE, MOUNTED 7'-8" AFF.	WALL MOUNTED	NONE	120V	HALOGEN 100W	NORBERT BELFER LIGHTING 8215BL	
⊕	F1	FLOOR	WALL MOUNTED COMPACT FLUORESCENT.	WALL MOUNTED	ELECTRONIC HFF	120V	(2) TWIN TUBE 9W	LIGHTOLIER 3963BR	
⊕	F4		RECESSED WALL LIGHTS	CONCRETE RECESSED	NONE	120V	20W, 94, 12V	BECA 1121 W/ GUARD	INTERNAL 120V/150V TRANSFORMER
⊕	F8		(LIGHT OVER SIGN)	CEILING MOUNTED	ELECTRONIC		13W QUAD TUBE	LIGHTOLIER TRIFLEX 5001 (WHITE)	
⊕	M1		OUTSIDE WALL MOUNTED FIXTURE	WALL MOUNTED		120V	1 - 70	LITHONIA HD TWP70S-120BLPE	WALL PACK WITH PHOTOCCELL

- GENERAL NOTES**
1. MAINTAIN 3" MIN. CLEARANCE FROM INSULATION TO FIXTURE HOUSING. COORDINATE EXACT INSTALLATION REQUIREMENTS WITH FIXTURE MANUFACTURER.
  2. FOR ROOMS WITHOUT A CEILING, PENDANT CHAIN MOUNT FIXTURE TO 8'-0" AFF.
  3. ALL SYMBOLS SHOWN AS HALF-SHADED (EXCLUDING EXIT SIGNS) ARE SHOWN FOR LIFE SAFETY EMERGENCY LIGHTING AND ARE BACKED-UP BY A BODINE BALLAST.
  4. CONTRACTOR MUST COORDINATE EXACT MOUNTING OF LIGHT FIXTURE V/CEILING TRUSS SYSTEM BEFORE ORDERING. PROVIDE ALL ACCESSORIES FOR A COMPLETE INSTALLATION.
  5. SUBMITTALS FOR COLD CATHODE LIGHTING: PROVIDE PROJECT-SPECIFIC SKETCHES SHOWING EXACT LAYOUT PLANS & ELEVATIONS, DETAILS, WIRING DIAGRAMS, RATINGS, TRANSFORMER SIZES AND MOUNTINGS DETAILS, AND CONTROLS.
  6. SUBMITTALS FOR LOW VOLTAGE LIGHTING: PROVIDE PROJECT-SPECIFIC SKETCHES SHOWING EXACT LAYOUT PLANS & ELEVATIONS, DETAILS, WIRING DIAGRAMS, RATINGS, TRANSFORMER SIZES AND MOUNTINGS DETAILS, AND CONTROLS.
  7. CONTRACTOR MUST FIELD VERIFY ALL DIMENSIONS FOR LIGHTING LENGTHS, BEFORE ORDERING FIXTURES.
  8. FOR ALL FLUORESCENT FIXTURES, BALLAST SHALL BE < 20% THD ELECTRONIC TYPE WITH T-8 LAMPS.

A8 LIGHTING SCHEDULE AND LIGHTING NOTES NTS

GENERAL NOTES

1. FOR SYMBOLS AND GENERAL NOTES, SEE DWG E501

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0 FOR CONSTRUCTION	7/13/01
no. revisions/submissions	date



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drawing title  
**LIGHTING FIXTURE SCHEDULE**

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**E501**  
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