

MECHANICAL EQUIPMENT CONNECTION SCHEDULE

TAG	DESCRIPTION	LOCATION	RM	VOLT	PH	FLA	SERVED FROM	CIRCUIT #	FEEDER	STARTER	DISCONNECT	MOCP
EF-1	EXHAUST FAN #1	ABOVE CLG	0.1	120	1	0.8	NOTE 1	NOTE 1	2 #12 4 1 #12 GND. IN 1/2" EMT C.	NOTE 1	NOTE 1	--
EF-2	EXHAUST FAN #2	ABOVE CLG	0.1	120	1	0.8	NOTE 1	NOTE 1	2 #12 4 1 #12 GND. IN 1/2" EMT C.	NOTE 1	NOTE 1	--
EF-3	EXHAUST FAN #3	ABOVE CLG	0.1	120	1	0.8	NOTE 1	NOTE 1	2 #12 4 1 #12 GND. IN 1/2" EMT C.	NOTE 1	NOTE 1	--
EF-4	EXHAUST FAN #4	ABOVE CLG	0.1	120	1	0.8	NOTE 1	NOTE 1	2 #12 4 1 #12 GND. IN 1/2" EMT C.	NOTE 1	NOTE 1	--
RTU-1	ROOFTOP UNIT #1	ON ROOF	18.7	240	1	11.9	PANEL 'MB'	REFER TO PANEL 'MB' SCHEDULE	2 #1 4 1 #8 GND. IN 1-1/4" R65 C.	NOTE 2	NOTE 3	100A/2P HACR
RTU-2	ROOFTOP UNIT #2	ON ROOF	17.8	240	1	7.4	PANEL 'MB'	REFER TO PANEL 'MB' SCHEDULE	2 #1 4 1 #8 GND. IN 1-1/4" R65 C.	NOTE 2	NOTE 3	100A/2P HACR
RTU-3	ROOFTOP UNIT #3	ON ROOF	15.7	240	1	6.9	PANEL 'MB'	REFER TO PANEL 'MB' SCHEDULE	2 #1 4 1 #8 GND. IN 1-1/4" R65 C.	NOTE 2	NOTE 3	100A/2P HACR
FCU-1	FAN COIL UNIT #1	STORAGE ROOM	8.4	240	1	34.8	PANEL 'MDP'	REFER TO PANEL 'MDP' SCHEDULE	2 #4 4 1 #10 GND. IN 1" EMT C.	NOTE 4	NOTE 5	45A/2P HACR
FCU-2	FAN COIL UNIT #2	STORAGE ROOM	8.7	240	1	36.1	PANEL 'MDP'	REFER TO PANEL 'MDP' SCHEDULE	2 #4 4 1 #10 GND. IN 1" EMT C.	NOTE 4	NOTE 5	50A/2P HACR
FCU-3	FAN COIL UNIT #3	STORAGE ROOM	8.7	240	1	36.1	PANEL 'MDP'	REFER TO PANEL 'MDP' SCHEDULE	2 #4 4 1 #10 GND. IN 1" EMT C.	NOTE 4	NOTE 5	50A/2P HACR
HP-1	HEAT PUMP UNIT #1	ON GRADE	2.3	240	1	9.7	PANEL 'MB'	REFER TO PANEL 'MB' SCHEDULE	2 #8 4 1 #10 GND. IN 3/4" R65 C.	NOTE 4	NOTE 6	20A/2P HACR
HP-2	HEAT PUMP UNIT #2	ON GRADE	4.3	240	1	18	PANEL 'MB'	REFER TO PANEL 'MB' SCHEDULE	2 #8 4 1 #10 GND. IN 3/4" R65 C.	NOTE 4	NOTE 6	35A/2P HACR
HP-3	HEAT PUMP UNIT #3	ON GRADE	5.1	240	1	21.1	PANEL 'MB'	REFER TO PANEL 'MB' SCHEDULE	2 #8 4 1 #10 GND. IN 3/4" R65 C.	NOTE 4	NOTE 6	40A/2P HACR
LV-1	LOUVER #1	THRU WALL IN STORAGE RM	0.1	120	1	0.8	NOTE 7	NOTE 7	2 #12 4 1 #12 GND. IN 1/2" EMT C.	NOTE 7	NOTE 7	--
LV-2	LOUVER #2	THRU WALL IN STORAGE RM	0.1	120	1	0.8	NOTE 7	NOTE 7	2 #12 4 1 #12 GND. IN 1/2" EMT C.	NOTE 7	NOTE 7	--
LV-3	LOUVER #3	THRU WALL IN STORAGE RM	0.1	120	1	0.8	NOTE 7	NOTE 7	2 #12 4 1 #12 GND. IN 1/2" EMT C.	NOTE 7	NOTE 7	--
WH-1	ELECTRIC WATER HTR	JANITOR CLOS.	4.5	240	1	18.8	PANEL 'MB'	REFER TO PANEL 'MB' SCHEDULE	2 #10 4 1 #10 GND. IN 3/4" EMT C.	NOTE 8	NOTE 8	30A/2P HACR

NOTES: (APPLIES TO THIS SCHEDULE ONLY)

- EG SHALL PROVIDE AND INSTALL A 120V, 20A, TOGGLE TYPE LIGHT SWITCH AT THE UNIT ABOVE THE CEILING. FOR CONTROL AND POWER, THIS FAN SHALL BE INTERCONNECTED WITH THE LIGHT FIXTURES WITHIN THE ROOM AND CONNECTED SUCH THAT THE FAN IS CONTROLLED AND POWERED "ON/OFF" WITH THE LIGHTS.
- PACKAGED STARTER FURNISHED WITH EQUIPMENT - PROVIDE AND INSTALL DUCT MOUNTED SMOKE DETECTORS PER ELECTRICAL LEGEND SHEET AND AS SHOWN ON THE POWER PLANS.
- EG SHALL PROVIDE AND INSTALL A 240V/2P, 100A FRAME NON-FUSIBLE DISCONNECT IN A NEMA 3R ENCLOSURE. SURFACE MOUNT DISCONNECT ON WALL BEHIND UNIT OR ON THE SIDE OF THE UNIT; PROVIDE FLEXIBLE CONDUIT CONNECTION FROM DISCONNECT TO UNIT POWER TERMINATION POINT.
- PACKAGED AND/OR INTEGRAL STARTER FURNISHED WITH EQUIPMENT; EG SHALL ALSO PROVIDE AND INSTALL A 3/4" R65 C. BETWEEN EACH EXTERIOR UNIT AND THE PAIRED INTERIOR UNIT FOR CONTROLS AND SIGNAL INTERLOCK. ALL CONTROL WIRING BY OTHERS. FOR EXAMPLE, (1) 3/4" R65 C. SHALL BE ROUTED FROM BETWEEN FCU-1 AND HP-1.
- EG SHALL PROVIDE AND INSTALL A 240V/2P, 60A FRAME NON-FUSIBLE DISCONNECT IN A NEMA 1 ENCLOSURE. SURFACE MOUNT DISCONNECT ON WALL BEHIND UNIT OR ON THE SIDE OF THE UNIT; PROVIDE FLEXIBLE CONDUIT CONNECTION FROM DISCONNECT TO UNIT POWER TERMINATION POINT. PROVIDE AND INSTALL DUCT MOUNTED SMOKE DETECTORS PER ELECTRICAL LEGEND SHEET AND AS SHOWN ON THE POWER PLANS.
- EG SHALL PROVIDE AND INSTALL A 240V/2P, 30A FRAME NON-FUSIBLE DISCONNECT IN A NEMA 3R ENCLOSURE. SURFACE MOUNT DISCONNECT ON WALL BEHIND UNIT OR ON THE SIDE OF THE UNIT; PROVIDE FLEXIBLE CONDUIT CONNECTION FROM DISCONNECT TO UNIT POWER TERMINATION POINT.
- EG SHALL PROVIDE AND INSTALL A 120V, 20A, TOGGLE TYPE LIGHT SWITCH AT THE LOUVER SURFACE MOUNTED ON THE WALL ADJACENT TO THE LOUVER. FOR POWER, THIS UNIT SHALL BE WIRED FROM INTO THE RECEPTACLE CIRCUIT THAT SERVES THE RECEPTACLE IN THE ROOM IN WHICH THIS LOUVER IS LOCATED.
- STARTER FURNISHED WITH WATER HEATER; EG SHALL PROVIDE AND INSTALL A 240V/2P, 30A FRAME NON-FUSIBLE DISCONNECT IN A NEMA 1 ENCLOSURE. SURFACE MOUNT DISCONNECT ON WALL BEHIND UNIT; PROVIDE FLEXIBLE CONDUIT CONNECTION FROM DISCONNECT TO UNIT POWER TERMINATION POINT.

LIGHTING FIXTURE SCHEDULE

FIXTURE TYPE	DESCRIPTION & CATALOG NUMBER	MOUNTING	VOLTAGE	LAMPS		INPUT WATTS
				#	TYPE	
A	150W METAL HALIDE WALL PACK FOR EXTERIOR USE WITH GLASS LENS, ENERGY SAVING BALLAST LITHONIA # TWH-150M-120V-5F	SURFACE MOUNT AT 10'-0" AFF. UNO SEE NOTE 2, BELOW	120V	1	150W MH	180
B	2'x4' ACRYLIC LENS STATIC TROFFER WITH ELECTRONIC BALLASTS 4 (2) T8 LAMPS LITHONIA # 2SP6-2B2-A12-120V-6EB-6LR	RECESSED IN CL6	120V	2	32W T-8 F32T8EP35	80
BX	SAME AS TYPE 'B' FIXTURE EXCEPT WITH INTEGRAL 90-MINUTE EMERGENCY BATTERY PACK & CONNECTED TO SWITCHING AS INDICATED ON LIGHTING PLAN LITHONIA # 2SP6-2B2-A12-120V-6EB-6LR-EL	RECESSED IN CL6	120V	2	32W T-8 F32T8EP35	80
C	2'x4' ACRYLIC LENS STATIC TROFFER WITH ELECTRONIC BALLASTS 4 (3) T8 LAMPS LITHONIA # 2SP6-3B2-A12-120V-6EB-6LR	RECESSED IN CL6	120V	3	32W T-8 F32T8EP35	120
CX	SAME AS TYPE 'C' FIXTURE EXCEPT WITH INTEGRAL 90-MINUTE EMERGENCY BATTERY PACK & CONNECTED TO SWITCHING AS INDICATED ON LIGHTING PLAN LITHONIA # 2SP6-3B2-A12-120V-6EB-6LR-EL	RECESSED IN CL6	120V	3	32W T-8 F32T8EP35	120
D	8" OPEN FLOURESCENT DOWNLIGHT WITH (1) 32W COMPACT FLOURESCENT LAMP AND CLEAR ALZAK REFLECTOR LITHONIA GOTHAM SERIES# AF-1/32TRT-8AR-LD-120V-6EB10	RECESSED IN CL6	120V	1	32W TRT FLOURESC.	40
DX	SAME AS TYPE 'D' FIXTURE EXCEPT WITH INTEGRAL 90-MINUTE EMERGENCY BATTERY PACK & CONNECTED TO SWITCHING AS INDICATED ON LIGHTING PLAN LITHONIA GOTHAM SERIES# AF-1/32TRT-8AR-LD-120V-6EB10-EL	RECESSED IN CL6	120V	1	32W TRT FLOURESC.	40
E	COMMERCIAL TYPE WHITE POLYCARBONATE LED EXIT FIXTURE WITH NUMBER OF FACES AND ARROWS AS INDICATED ON PLANS; FIXTURE SHALL CONTAIN A 90-MINUTE BATTERY PACK LITHONIA QUANTUM SERIES # LQM-P-W-IR-120V-ELN	SURFACE MOUNT WITH BACK ON WALL CENTERED ABOVE DOOR OR ON CEILING	120V	-	INCLUDED W/FIXTURE	10
EH	COMMERCIAL TYPE WHITE POLYCARBONATE LED EXIT/EMERGENCY FIXTURE WITH NUMBER OF FACES AND ARROWS AS INDICATED ON PLANS; DIRECT EMERGENCY HEADS PER LIT PLANS; FIXTURE SHALL CONTAIN A 90-MINUTE BATTERY PACK LITHONIA QUANTUM SERIES # LQM-P-W-IR-120V-ELN	SURFACE MOUNT WITH BACK ON WALL OR SUSPEND FROM CL6	120V	-	INCLUDED W/FIXTURE	10
EX	DIE-CAST EXTERIOR GRADE ARCHITECTURAL EMERGENCY LIGHT WIRED IN WITH INTERIOR EXIT SIGN; THIS LIGHT PROVIDES EXTERIOR EMERGENCY LIGHTING LITHONIA AFFINITY SERIES# AFN-N-PREM	SURFACE MOUNT ON EXTERIOR ABOVE EGRESS DOOR	120V	2	6W XENON LAMPS	12
F	8" OPEN FLOURESCENT DOWNLIGHT WITH (1) 42W COMPACT FLOURESCENT LAMP AND CLEAR ALZAK REFLECTOR FOR USE IN FOYER AREAS LITHONIA GOTHAM SERIES# AF-1/42TRT-8AR-LD-120V-6EB10	RECESSED IN CL6	120V	1	42W TRT FLOURESC.	55
FX	SAME AS TYPE 'F' FIXTURE EXCEPT WITH INTEGRAL 90-MINUTE EMERGENCY BATTERY PACK & CONNECTED TO SWITCHING AS INDICATED ON LIGHTING PLAN LITHONIA GOTHAM SERIES# AF-1/42TRT-8AR-LD-120V-6EB10-EL	RECESSED IN CL6	120V	1	42W TRT FLOURESC.	55
G	8" RECESSED 100W INCANDESCENT CAN LIGHT FIXTURE FOR USE OVER STAGE AREA LITHONIA GOTHAM SERIES # AN-8AR-120V-100W/1	RECESSED IN CL6	120V	1	100W A19 INCAND.	100
H	INTERIOR COMPACT FLOURESCENT HI-TECH WALL SCONCE FOR USE IN CORRIDOR AREAS LITHONIA AVANTE SERIES #AVSP-2-26DTT-MDR-120V	SURFACE MNTD ON WALLS WITH B.O.F. AT 7'-0" AFF	120V	2	26W DTT COMP FLOURESCANT	80
J	INTERIOR DECORATIVE FROSTED GLASS INCANDESCENT WALL SCONCE FOR USE IN SANCTUARY AS A DIMMABLE FIXTURE CON-TECH LIGHTING #MS0621100	SURFACE MNTD ON WALLS WITH B.O.F. AT 7'-0" AFF	120V	1	100W E26 INCANDESC.	100
K	TWIN HEAD INCANDESCENT LAMP EMERGENCY BATTERY UNIT SURFACE MOUNTED @ 8'-0" AFF LITHONIA QUANTUM SERIES# ELM2-120V-(2)12W15-TD-N	SURFACE MTD. @ 8'-0" AFF	120V	2	12W T8 TUNGSTEN	30
L	LINE VOLTAGE INCANDESCENT TRACK LIGHTING FOR DIMMING @ STAGE; UTILIZE 8" TRACK W/3 LTS SURF. MNTD ON CEILING LITHONIA # LTC-PRSD-3/100W PAR38-WH-120V	SURFACE MTD 6" LONG TRACK MNTD ON CL6	120V	3	100W PAR 38 INCANDESC.	300

LIGHTING FIXTURE SCHEDULE NOTES:

- THE TYPE 'F' & 'J' FIXTURES SHALL BE SUBMITTED TO THE OWNER AND ARCHITECT FOR APPROVAL PRIOR TO ORDERING FIXTURES
- INSTALL THE TYPE 'A' EXTERIOR FIXTURES SO THAT THEY ARE THE SAME HEIGHT ON BUILDING EXTERIOR

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REVISIONS

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chk by: GWL
date:
JULY 31, 2009
scale:
AS SHOWN
sheet no:
E8