

**LEGEND**

- POWER PANEL
- 120V, 20A DUPLEX RECEPTACLE, 20A, 1Ø, 120V, 3 POLES, GROUNDED
- 120V, GROUND FAULT INTERRUPTER RECEPTACLE
- 120V, WEATHER PROOF RECEPTACLE, GROUNDED
- 208V, RECEPTACLE, 1Ø, 50A, GROUNDED
- COMBINATION TEL/DATA OUTLET 1-GANG, J1B, W/ 1" C. (E) STUBBED UP ABOVE ACCESSIBLE CEILING W/ PULL STRING
- 208V, RECEPTACLE, 1Ø, 20A, GROUNDED
- 120V, RECEPTACLE - FOURPLEX, 1Ø, 20A, GROUNDED
- DISCONNECT
- EXHAUST FAN
- 30 GAL WATER HEATER
- VENTILATOR
- 2"x4" RECESSED FLUORESCENT LAMP, STEEL HOUSING, NUMBER INDICATES # OF BULBS
- 1"x4" RECESSED FLUORESCENT LAMP, STEEL HOUSING, 2 BULB FIX.
- 2"x2" RECESSED FLUORESCENT LAMP, STEEL HOUSING
- EMERGENCY LIGHT WITH 90 MIN. BATTERY BACKUP
- INCANDESCENT / H.I.D. FIXTURE
- SWITCH
- 3-WAY SWITCH
- EXT LIGHT, 90 MINUTE BATTERY BACK-UP

**GENERAL NOTES**

ALL EQUIPMENT FURNISHED AND ALL WORK SHALL BE IN STRICT CONFORMITY WITH ELECTRICAL SECTION OF REGULATORY INSPECTIONS FOR LOCAL AND STATE FIRE MARSHALL, N.E.C. AND ALL OTHER APPLICABLE LAWS, ORDINANCES, CODES AND RULES OF CONSTRUCTION APPLICABLE IN THE LOCALITY OF WORK. PERMITS, CERTIFICATES OF INSPECTION AND APPROVAL AS APPLICABLE TO THE VARIOUS PORTIONS OF THE WORK SHALL BE OBTAINED FROM THE INSPECTION AGENCY HAVING JURISDICTION THEREON AND SHALL BE DELIVERED TO THE ARCHITECT PRIOR TO ACCEPTANCE OF THE WORK. PAY ALL FEES REQUIRED IN CONNECTION WITH CAROLUS INSPECTIONS AND PERMITS.

ALL LIGHTING FIXTURES, SWITCHES, RECEPTACLES, PLUG/MOULD ETC. SHALL COMPLY WITH STANDARDS OF ULL, INC.

ELECTRICAL PLANS SHOW GENERAL WORK TO BE PERFORMED BY CONTRACTOR AND HAS BEEN PREPARED TO ASSIST THE CONTRACTOR IN PREPARING HIS PROPOSED COST FOR THE TOTAL PROJECT. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VISIT THE JOB SITE AND BECOME FAMILIAR WITH EXISTING CONDITIONS WHICH MAY AFFECT HIS WORK AND FINAL BID PRICE.

EACH BRANCH CIRCUIT AND/OR FEEDER SHALL HAVE A GREEN INSULATED EQUIPMENT GROUND CONDUCTOR. ALL PENETRATIONS THROUGH PARTITIONS SHALL BE PROPERLY SEALED TO MAINTAIN FIRE RATING.

THE NUMBER OF GROSSMARKS SHOWN TO INDICATE THE NUMBER OF CONDUCTORS FOR A BRANCH CIRCUIT DOES NOT INCLUDE THE EQUIPMENT GROUND CONDUCTOR.

UPON COMPLETION, CONTRACTOR SHALL FURNISH AS-BUILD SCHEMATIC DRAWING OF ALL VARIATIONS OF EXISTING PLANS TO OWNER.

UPON COMPLETION OF THE WORK, TEST THE NEW INDIVIDUAL SYSTEMS, INCLUDING ALL FEEDERS AND BRANCH CIRCUITS TO RECEPTACLES. LIGHTING WITH A 500 VOLT DC INSULATION TESTER (WITH AN 0-200 MEGOHM FULL SCALE), ALL CONDUCTORS SHALL HAVE INSULATION TESTED WHEN WIRING SYSTEM IS COMPLETE AND A LOG KEPT OF THE CIRCUIT NAME, DATE AND MEGGER READINGS. RECORD FEEDER AND/OR CIRCUIT NAME, READINGS IN OHMS, AND SUBMIT REPORT TO ARCHITECT CHECK FOR PROPER PHASE ROTATION. ALL TEST REPORTS SHALL BE TYPED, PROVIDE ALL INSTRUMENTS, LABOR, ETC. REQUIRED FOR TESTING. ALL TESTING SHALL BE OBSERVED BY THE ARCHITECT AND/OR REPRESENTATIVES OF ARCHITECT.

UPON COMPLETION OF ALL TESTS AND ACCEPTANCE, THE CONTRACTOR SHALL FURNISH THE OWNER A WRITTEN GUARANTEE COVERING THE ELECTRICAL WORK DONE AND EQUIPMENT INSTALLED FOR A PERIOD OF ONE YEAR FROM THE DATE OF ACCEPTANCE. DURING THE GUARANTEE PERIOD THE CONTRACTOR SHALL REPAIR AND REPLACE ANY DEFECTIVE MATERIAL OR WORKMANSHIP AND REPAIR DAMAGE CAUSED THEREBY WITHOUT ANY ADDITIONAL COST TO THE OWNER.

CONTRACTOR SHALL COORDINATE MOUNTING HEIGHTS OF ALL WALL MOUNTED EQUIPMENT, WIRING DEVICES, ETC., WITH ARCHITECTURAL DRAWINGS PRIOR TO START OF ROUGH-IN.

CONTRACTOR SHALL INSTALL ALL OWNER FURNISHED EQUIPMENT. THIS INCLUDES BUT NOT LIMITED TO ALL REQUIRED BOXES, FITTINGS, ASSOCIATED WIRING, RACEWAYS, ETC. CONTRACTOR SHALL COORDINATE ALL REQUIREMENTS WITH APPROPRIATE EQUIPMENT VENDOR PRIOR TO START OF ROUGH-IN. CONTRACTOR SHALL MAKE ALL REQUIRED FINAL TERMINATIONS.

CONTRACTOR SHALL LOOP CONDUIT FROM ONE DEVICE BOX TO THE OTHER OR ONE LIGHT FIXTURE BOX TO THE OTHER LIGHT FIXTURE BOX AND ALL SPLICES SHALL BE MADE IN THE DEVICE BOXES AND FIXTURE JUNCTION BOXES. DO NOT INSTALL ADDITIONAL JUNCTION BOXES IN CEILING OR WALLS TO BRANCH OFF CIRCUITS.

WHERE OVERSIZED CONDUITS OR CONDUCTORS ARE INDICATED, THE CONDUIT AND WIRE SIZE SHALL BE INSTALLED THROUGHOUT THE ENTIRE CIRCUIT.

ALL INSTALLATION INDICATED IN CONTRACT DOCUMENTS SHALL BE FLUSH MOUNTED IN WALLS OR CEILINGS. ALL SURFACE MOUNTED OR EXPOSED IS ACCEPTED ONLY IN WRITING BY ARCHITECT GRANTING APPROVAL.

**LIGHTING FIXTURE SCHEDULE**

TYPE	MANUFACTURER	CATALOG NUMBER	DESCRIPTION	TYPE
F1	LITHONIA	26R8432AT 9120 1/4	REGRESSED	R32/258K
F2	LITHONIA	26R8432AT 9120 1/4	REGRESSED	R32/258K
F3	LITHONIA	26R8432AT 9120 1/4	REGRESSED	R32/258K
F4	LITHONIA	26R8432AT 9120 1/4	REGRESSED	R32/258K
F5	LITHONIA	26R8432AT 9120 1/4	REGRESSED	R32/258K
F6	LITHONIA	26R8432AT 9120 1/4	REGRESSED	R32/258K
F7	LITHONIA	26R8432AT 9120 1/4	REGRESSED	R32/258K
F8	LITHONIA	26R8432AT 9120 1/4	REGRESSED	R32/258K
F9	LITHONIA	26R8432AT 9120 1/4	REGRESSED	R32/258K
F10	LITHONIA	26R8432AT 9120 1/4	REGRESSED	R32/258K
F11	LITHONIA	26R8432AT 9120 1/4	REGRESSED	R32/258K
F12	LITHONIA	26R8432AT 9120 1/4	REGRESSED	R32/258K
F13	LITHONIA	26R8432AT 9120 1/4	REGRESSED	R32/258K
F14	LITHONIA	26R8432AT 9120 1/4	REGRESSED	R32/258K
F15	LITHONIA	26R8432AT 9120 1/4	REGRESSED	R32/258K
F16	LITHONIA	26R8432AT 9120 1/4	REGRESSED	R32/258K
F17	LITHONIA	26R8432AT 9120 1/4	REGRESSED	R32/258K
F18	LITHONIA	26R8432AT 9120 1/4	REGRESSED	R32/258K
F19	LITHONIA	26R8432AT 9120 1/4	REGRESSED	R32/258K
F20	LITHONIA	26R8432AT 9120 1/4	REGRESSED	R32/258K
F21	LITHONIA	26R8432AT 9120 1/4	REGRESSED	R32/258K
F22	LITHONIA	26R8432AT 9120 1/4	REGRESSED	R32/258K
F23	LITHONIA	26R8432AT 9120 1/4	REGRESSED	R32/258K
F24	LITHONIA	26R8432AT 9120 1/4	REGRESSED	R32/258K
F25	LITHONIA	26R8432AT 9120 1/4	REGRESSED	R32/258K
F26	LITHONIA	26R8432AT 9120 1/4	REGRESSED	R32/258K
F27	LITHONIA	26R8432AT 9120 1/4	REGRESSED	R32/258K
F28	LITHONIA	26R8432AT 9120 1/4	REGRESSED	R32/258K
F29	LITHONIA	26R8432AT 9120 1/4	REGRESSED	R32/258K
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F31	LITHONIA	26R8432AT 9120 1/4	REGRESSED	R32/258K
F32	LITHONIA	26R8432AT 9120 1/4	REGRESSED	R32/258K
F33	LITHONIA	26R8432AT 9120 1/4	REGRESSED	R32/258K
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F36	LITHONIA	26R8432AT 9120 1/4	REGRESSED	R32/258K
F37	LITHONIA	26R8432AT 9120 1/4	REGRESSED	R32/258K
F38	LITHONIA	26R8432AT 9120 1/4	REGRESSED	R32/258K
F39	LITHONIA	26R8432AT 9120 1/4	REGRESSED	R32/258K
F40	LITHONIA	26R8432AT 9120 1/4	REGRESSED	R32/258K
F41	LITHONIA	26R8432AT 9120 1/4	REGRESSED	R32/258K
F42	LITHONIA	26R8432AT 9120 1/4	REGRESSED	R32/258K
F43	LITHONIA	26R8432AT 9120 1/4	REGRESSED	R32/258K
F44	LITHONIA	26R8432AT 9120 1/4	REGRESSED	R32/258K
F45	LITHONIA	26R8432AT 9120 1/4	REGRESSED	R32/258K
F46	LITHONIA	26R8432AT 9120 1/4	REGRESSED	R32/258K
F47	LITHONIA	26R8432AT 9120 1/4	REGRESSED	R32/258K
F48	LITHONIA	26R8432AT 9120 1/4	REGRESSED	R32/258K
F49	LITHONIA	26R8432AT 9120 1/4	REGRESSED	R32/258K
F50	LITHONIA	26R8432AT 9120 1/4	REGRESSED	R32/258K
F51	LITHONIA	26R8432AT 9120 1/4	REGRESSED	R32/258K
F52	LITHONIA	26R8432AT 9120 1/4	REGRESSED	R32/258K
F53	LITHONIA	26R8432AT 9120 1/4	REGRESSED	R32/258K
F54	LITHONIA	26R8432AT 9120 1/4	REGRESSED	R32/258K
F55	LITHONIA	26R8432AT 9120 1/4	REGRESSED	R32/258K
F56	LITHONIA	26R8432AT 9120 1/4	REGRESSED	R32/258K
F57	LITHONIA	26R8432AT 9120 1/4	REGRESSED	R32/258K
F58	LITHONIA	26R8432AT 9120 1/4	REGRESSED	R32/258K
F59	LITHONIA	26R8432AT 9120 1/4	REGRESSED	R32/258K
F60	LITHONIA	26R8432AT 9120 1/4	REGRESSED	R32/258K
F61	LITHONIA	26R8432AT 9120 1/4	REGRESSED	R32/258K
F62	LITHONIA	26R8432AT 9120 1/4	REGRESSED	R32/258K
F63	LITHONIA	26R8432AT 9120 1/4	REGRESSED	R32/258K
F64	LITHONIA	26R8432AT 9120 1/4	REGRESSED	R32/258K
F65	LITHONIA	26R8432AT 9120 1/4	REGRESSED	R32/258K
F66	LITHONIA	26R8432AT 9120 1/4	REGRESSED	R32/258K
F67	LITHONIA	26R8432AT 9120 1/4	REGRESSED	R32/258K
F68	LITHONIA	26R8432AT 9120 1/4	REGRESSED	R32/258K
F69	LITHONIA	26R8432AT 9120 1/4	REGRESSED	R32/258K
F70	LITHONIA	26R8432AT 9120 1/4	REGRESSED	R32/258K
F71	LITHONIA	26R8432AT 9120 1/4	REGRESSED	R32/258K
F72	LITHONIA	26R8432AT 9120 1/4	REGRESSED	R32/258K
F73	LITHONIA	26R8432AT 9120 1/4	REGRESSED	R32/258K
F74	LITHONIA	26R8432AT 9120 1/4	REGRESSED	R32/258K
F75	LITHONIA	26R8432AT 9120 1/4	REGRESSED	R32/258K
F76	LITHONIA	26R8432AT 9120 1/4	REGRESSED	R32/258K
F77	LITHONIA	26R8432AT 9120 1/4	REGRESSED	R32/258K
F78	LITHONIA	26R8432AT 9120 1/4	REGRESSED	R32/258K
F79	LITHONIA	26R8432AT 9120 1/4	REGRESSED	R32/258K
F80	LITHONIA	26R8432AT 9120 1/4	REGRESSED	R32/258K
F81	LITHONIA	26R8432AT 9120 1/4	REGRESSED	R32/258K
F82	LITHONIA	26R8432AT 9120 1/4	REGRESSED	R32/258K
F83	LITHONIA	26R8432AT 9120 1/4	REGRESSED	R32/258K
F84	LITHONIA	26R8432AT 9120 1/4	REGRESSED	R32/258K
F85	LITHONIA	26R8432AT 9120 1/4	REGRESSED	R32/258K
F86	LITHONIA	26R8432AT 9120 1/4	REGRESSED	R32/258K
F87	LITHONIA	26R8432AT 9120 1/4	REGRESSED	R32/258K
F88	LITHONIA	26R8432AT 9120 1/4	REGRESSED	R32/258K
F89	LITHONIA	26R8432AT 9120 1/4	REGRESSED	R32/258K
F90	LITHONIA	26R8432AT 9120 1/4	REGRESSED	R32/258K
F91	LITHONIA	26R8432AT 9120 1/4	REGRESSED	R32/258K
F92	LITHONIA	26R8432AT 9120 1/4	REGRESSED	R32/258K
F93	LITHONIA	26R8432AT 9120 1/4	REGRESSED	R32/258K
F94	LITHONIA	26R8432AT 9120 1/4	REGRESSED	R32/258K
F95	LITHONIA	26R8432AT 9120 1/4	REGRESSED	R32/258K
F96	LITHONIA	26R8432AT 9120 1/4	REGRESSED	R32/258K
F97	LITHONIA	26R8432AT 9120 1/4	REGRESSED	R32/258K
F98	LITHONIA	26R8432AT 9120 1/4	REGRESSED	R32/258K
F99	LITHONIA	26R8432AT 9120 1/4	REGRESSED	R32/258K
F100	LITHONIA	26R8432AT 9120 1/4	REGRESSED	R32/258K

**HVAC EQUIPMENT WIRING SCHEDULE**

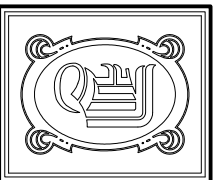
TAG	SAFETY SWITCH	CONDUCTORS	CIRCUIT	COMMENTS
AHU-1	80/3 (FU @ 40A)	3#8 & #10(G), 3/4" C.	MDP-8, 10, 12	-
AHU-2	100/3 (FU @ 90A)	3#3 & #8(G), 1" C.	MDP-1, 3, 15, 17	-
AHU-3	100/3 (FU @ 90A)	3#3 & #8(G), 1" C.	MDP-1, 4, 16, 18	-
AHU-4	100/3 (FU @ 50A)	3#3 & #8(G), 1" C.	MDP-1, 9, 21, 23	-
AHU-5	60/3 (FU @ 50A)	3#8 & #10(G), 3/4" C.	MDP-2, 0, 22, 24	-
AHU-6	100/3 (FU @ 90A)	3#8 & #8(G), 1" C.	MDP-3, 2, 34, 36	-
CV-6A	30/3 NEMA 3R (FU @ 30A)	3#1 & #10(G), 3/4" C.	MDP-2, 5, 27, 29	FEED THRU CU WIREMAY
CV-6B	30/3 NEMA 3R (FU @ 30A)	3#8 & #10(G), 3/4" C.	MDP-2, 5, 27, 29	FEED THRU CU WIREMAY
EVAC-1	20 P 208V REFLAGE	2#10 & #8(G), 1/2" C.	MDP-3, 7, 39	FEED THRU CU WIREMAY
EVAC-2	20 P 208V REFLAGE	2#10 & #8(G), 1/2" C.	MDP-3, 8, 40	FEED THRU CU WIREMAY
EVAC-3	20 P 208V REFLAGE	2#10 & #8(G), 1/2" C.	MDP-4, 1, 43	FEED THRU CU WIREMAY
EVAC-4	20 P 208V REFLAGE	2#10 & #8(G), 1/2" C.	MDP-4, 2, 46	FEED THRU CU WIREMAY
EVAC-5	20 P 208V REFLAGE	2#10 & #8(G), 1/2" C.	MDP-4, 5, 47	FEED THRU CU WIREMAY
CL-1	60/3 (FU @ 40A) NEMA 3R	3#8 & #10(G), 3/4" C.	MDP-2, 5, 27, 29	FEED THRU CU WIREMAY
CL-2A	30/3 (FU @ 30A) NEMA 3R	3#10 & #10(G), 1/2" C.	MDP-2, 5, 27, 29	FEED THRU CU WIREMAY
CL-2B	30/3 (FU @ 30A) NEMA 3R	3#10 & #10(G), 1/2" C.	MDP-2, 5, 27, 29	FEED THRU CU WIREMAY
CL-3A	30/3 (FU @ 30A) NEMA 3R	3#10 & #10(G), 1/2" C.	MDP-2, 5, 27, 29	FEED THRU CU WIREMAY
CL-3B	30/3 (FU @ 30A) NEMA 3R	3#10 & #10(G), 1/2" C.	MDP-2, 5, 27, 29	FEED THRU CU WIREMAY
CL-4A	30/3 (FU @ 30A) NEMA 3R	3#10 & #10(G), 1/2" C.	MDP-2, 5, 27, 29	FEED THRU CU WIREMAY
CL-4B	30/3 (FU @ 30A) NEMA 3R	3#10 & #10(G), 1/2" C.	MDP-2, 5, 27, 29	FEED THRU CU WIREMAY
CL-5	30/3 (FU @ 30A) NEMA 3R	3#10 & #10(G), 1/2" C.	MDP-2, 5, 27, 29	FEED THRU CU WIREMAY
ELH-1	30/3 (FU @ 30A)	3#10 & #10(G), 1/2" C.	MDP-3, 2, 34, 36	-
ELH-2	30/3 (FU @ 30A)	3#10 & #10(G), 1/2" C.	MDP-3, 7, 39, 41	-
ELH-3	30/3 (FU @ 30A)	3#10 & #10(G), 1/2" C.	MDP-3, 8, 40, 42	-

**ELECTRICAL SERVICE WIRING DIAGRAM**

N.T.S.

**SPECIFIC NOTES**

- 1 UTILITY CO. SERVICE POLE COORDINATE LOCATION WITH UTILITY CO.
- 2 (2) 4" C. (PVC) AND (1) 4" C. (PVC) SPARE CAPPED ON BOTH ENDS, ALL ENCASED IN CONCRETE WITH PULL STRINGS.
- 3 36"x36"x24" SERVICE JUNCTION BOX & CT CABINET.
- 4 COORDINATE EXACT LOCATION OF METER IN FIELD.
- 5 (2) 4" C. EACH WITH 4-500KCM.
- 6 120/208V, 3Ø, 4W, PANEL, MDP (SEE PANELBOARD SCHEDULE).
- 7 (1) #3/O BARE COPPER GROUND, 3/4" C. TO (2) 3/4"x1" O COPPERWELD GROUND RODS AND TO C.W.P. & BLDG. STEEL.
- 8 4#2 & #6(G), 1 1/4" C.
- 9 120/208V, 3Ø, 4W, PANEL, LA (SEE PANELBOARD SCHEDULE).
- 10 4#2 & #6(G), 1 1/4" C.
- 11 120/208V, 3Ø, 4W, PANEL, RA (SEE PANELBOARD SCHEDULE).
- 12 4#1/O & #8(G), 2" C.
- 13 120/208V, 3Ø, 4W, PANEL, KP (SEE PANELBOARD SCHEDULE).



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