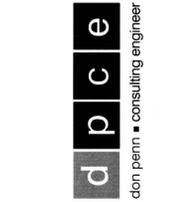




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REVISIONS

A	ISSUE	DATE
B	ISSUE	DATE
C	ISSUE	DATE
D	ISSUE	DATE
E	ISSUE	DATE
F	ISSUE	DATE

FLOOR PLAN - POWER AND SCHEDULE

SHEET NUMBER

E3

**DRAWING NOTES:**

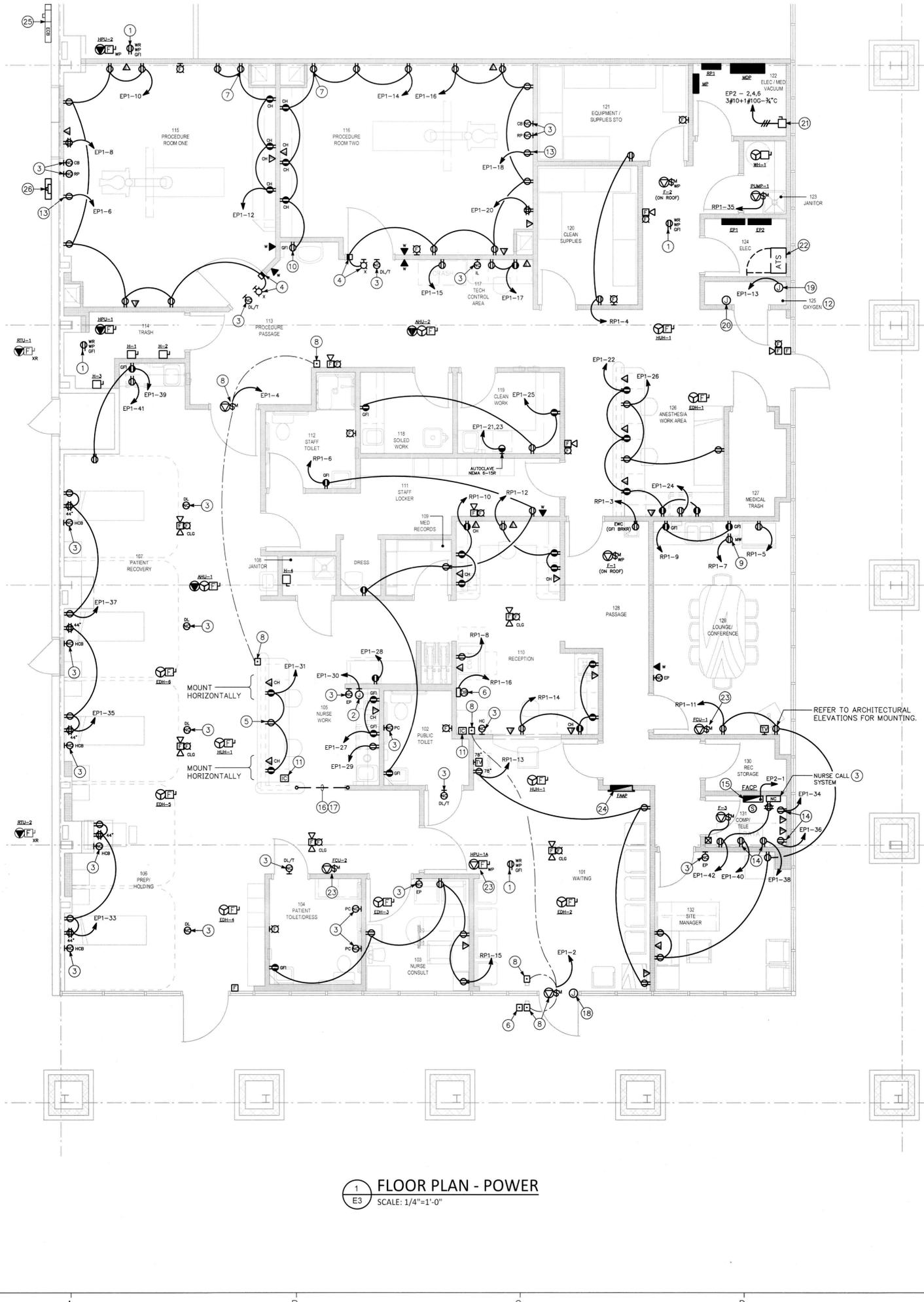
- PROVIDE RECEPTACLE AT MECHANICAL EQUIPMENT FOR MAINTENANCE USE. CIRCUIT RP1-2.
- PROVIDE A JUNCTION BOX FOR OXYGEN MASTER ALARM PANEL. COORDINATE EXACT ELECTRICAL REQUIREMENTS IN FIELD WITH OXYGEN VENDOR.
- EXPEDITE NURSE CALL SYSTEM DEVICE LOCATION. CONTRACTOR SHALL FURNISH AND INSTALL COMPLETE NURSE CALL SYSTEM. PROVIDE CONDUIT FROM EACH OUTLET LOCATION TO CEILING SPACE ABOVE. COORDINATE ALL WORK WITH OWNER'S VENDOR, EXPEDITER SYSTEMS (1-800-843-9651). REFER TO SCHEDULE ON SHEET E4. COORDINATE ALL LOCATIONS WITH OWNER.
- MOUNT 'IN-USE' SIGN OVER DOOR AND INTERLOCK WITH DOOR CONTACT SWITCH SO THAT SIGN ENERGIZES WHEN DOOR IS CLOSED. DOOR SWITCH TO BE EDWARDS #503A OR APPROVED EQUAL.
- MOUNT BELOW COUNTER IN KNEE SPACE. COORDINATE WITH OWNER.
- HARD WIRE ELECTRONIC DOOR CHIME WITH 3 SEPARATE TONES FOR EACH PUSHBUTTON LOCATION. COORDINATE LOCATION OF PUSHBUTTONS AND DOOR CHIME WITH OWNER AND ARCHITECT. ELECTRICAL CONTRACTOR SHALL FURNISH AND INSTALL ELECTRONIC DOOR CHIME, 16 VOLT TRANSFORMER, PUSHBUTTONS AND ALL WIRING ASSOCIATED WITH DOOR CHIME SYSTEM. NUTONE OR APPROVED EQUAL.
- PROVIDE A RECEPTACLE FOR RADIO. COORDINATE LOCATION OF RECEPTACLE IN FIELD.
- POWER ASSISTED DOOR AND PUSHBUTTON FURNISHED BY OTHERS AND INSTALLED BY ELECTRICAL CONTRACTOR. PROVIDE OUTLET BOX NEXT TO PADDLE BUTTON IN RECEPTION 110 FOR AUTOMATIC DOOR SWITCH CONTROL. COORDINATE WITH VENDOR SPECIFICATIONS PRIOR TO ROUGH-IN.
- MOUNT AT MICROWAVE SHELF.
- PROVIDE GFI RECEPTACLE UNDER SCRUB SINK FOR INFRARED SENSOR BY PLUMBING CONTRACTOR.
- PROVIDE AND INSTALL HARDWIRED LOW VOLTAGE DOOR INTERCOM SYSTEM. PROVIDE MASTER STATION AT RECEPTION DESK. REFER TO ARCHITECTURAL DRAWINGS FOR LOCATION, ELEVATIONS AND SYSTEM DETAILS. COORDINATE SYSTEM DETAILS WITH LIFELINE PROJECT MANAGER. INTERCOM SYSTEM MAY BE COMBINED WITH DOOR CHIME SYSTEM FOR ONE COMPLETE SYSTEM. USE BRANCH CIRCUIT RP1-16 FOR 120V POWER.
- ALL ELECTRICAL EQUIPMENT, CONDUIT, WIRE, ETC. IN THIS ROOM SHALL BE INSTALLED PER NEC AND LOCAL BUILDING CODES. FURNISH AND INSTALL ELECTRICAL ITEMS PER NEC AND LOCAL BUILDING CODES.
- PROVIDE A GREY DEDICATED RECEPTACLE FOR TENANT PROVIDED UPS.
- COORDINATE EXACT LOCATION AND MOUNTING HEIGHT FOR OUTLETS IN COMP/TELE ROOM WITH OWNER AND ARCHITECT PRIOR TO ROUGH-IN OR MOUNTING OF ANY BOXES.

- FIRE ALARM CONTROL PANEL SHALL BE PERMANENTLY LABELED WITH PANEL DESIGNATION AND CIRCUIT NUMBER PER NFPA 72.
- PROVIDE 1-1" EMPTY CONDUIT WITH PULL STRING IN SLAB FROM NURSES STATION COUNTER AREA AND TURN UP AT NEAREST WALL TO CEILING SPACE FOR VOICE/DATA CABLES TO THE NURSES STATION COUNTER AREA. SAW CUT AND PATCH EXISTING FLOOR AS REQUIRED. COORDINATE CONDUIT LOCATION WITH ARCHITECT PRIOR TO ROUGH-IN.
- PROVIDE 1-1" CONDUIT WITH 2#12+1#12G IN SLAB FROM NURSES STATION COUNTER AREA AND TURN UP AT NEAREST WALL TO CEILING SPACE FOR POWER WIRING TO THE NURSES STATION COUNTER AREA. EXTEND HOMERUN TO PANEL AS REQUIRED. SAW CUT AND PATCH EXISTING FLOOR AS REQUIRED. COORDINATE CONDUIT LOCATION WITH ARCHITECT PRIOR TO ROUGH-IN.
- PROVIDE JUNCTION BOX ABOVE DOOR FOR ELECTRIC DOOR STRIKE LOW VOLTAGE TRANSFORMER - CIRCUIT NUMBER RP1-16. REFER TO ARCHITECTURAL DRAWINGS FOR SYSTEM AND ADDITIONAL INFORMATION.
- OXYGEN CABINET - MOUNT FLUSH IN WALL AND MAKE FINAL CONNECTIONS. REFER TO VENDORS SPECIFICATIONS FOR SIZE OF JUNCTION BOX.
- PROVIDE A FLUSH MOUNTED JUNCTION BOX WITH 3/4" CONDUIT TO CEILING SPACE FOR LOW VOLTAGE OXYGEN EQUIPMENT WIRING. EXTEND TO NURSES STATION COORDINATE LOCATION AND ROUTING IN FIELD WITH VENDOR PRIOR TO ROUGH-IN.
- VACUUM PUMP - 2 @ 2HP, 208V, 3Ø PROVIDE A 3P30A NON FUSED SAFETY SWITCH FOR VACUUM PUMP. COORDINATE LOCATION AND ALL ELECTRICAL REQUIREMENTS WITH EQUIPMENT VENDOR AND MANUFACTURER PRIOR TO ROUGH-IN.
- APPROXIMATE LOCATION OF FUTURE AUTOMATIC TRANSFER SWITCH. PROVIDE CONDUITS AND TERMINATE ABOVE CEILING AS SHOWN ON RISER WITH PULL STRING FOR FUTURE GENERATOR. EXTEND CONDUITS TO EXTERIOR OF BUILDING AT LOCATION DETERMINED BY RMS LIFELINE PROJECT MANAGER. SEE RISER DIAGRAM ON DWG E3 FOR ADDITIONAL INFORMATION. COORDINATE EXACT LOCATION OF AUTOMATIC TRANSFER SWITCH PRIOR TO ROUGH-IN.
- FCU-1 & FCU-2 (INDOOR) SHALL BE POWERED THROUGH HPU-1A (OUTDOOR). EXTEND 2#12+1#12G-3/4" FROM OUTDOOR UNIT TO INDOOR UNIT. ELECTRICAL CONTRACTOR SHALL COORDINATE THE EXACT ELECTRICAL REQUIREMENTS AND LOCATION WITH THE MECHANICAL CONTRACTOR PRIOR TO ROUGH-IN.
- COORDINATE LOCATION AND MOUNTING REQUIREMENTS WITH FIRE MARSHALL FOR APPROVED FIRE ALARM ANNUNCIATOR PANEL (FAAP) LOCATION PRIOR TO ROUGH-IN.
- EXISTING MAIN SERVICE DISCONNECT AND METER STACK. REMOVE EXISTING TENANT METER AND PROVIDE NEW DISCONNECT. REFER TO RISER FOR ADDITIONAL INFORMATION.
- NEW POWER COMPANY CT CABINET AND METER. REFER TO POWER COMPANY FOR STANDARDS AND INSTALLATION REQUIREMENTS, INSTALL PER THEIR REQUIREMENTS.

**MECHANICAL EQUIPMENT CONNECTION SCHEDULE**

EQUIP #	AREA SERVED	TONS	LOAD			VOLTAGE	PHASE	DISCONNECT @ UNIT		BRANCH CIRCUIT		WIRE	NOTES
			HP/KW	FLA/MCA				NFSS	ISS	BRKR	CIRCUIT #		
AHU-1	PROCEDURE ROOM 1	5	10.5 KW	42.0	208	3	-	3P45A	3P45A	EP2-9,11,13	3#8+1#10G-3/4"	1,4	
AHU-2	PROCEDURE ROOM 2	5	10.5 KW	42.0	208	3	-	3P45A	3P45A	EP2-8,10,12	3#8+1#10G-3/4"	1,4	
HPU-1	PROCEDURE ROOM 1	5	-	26.0	208	3	-	3P40A	3P40A	EP2-13,15,17	3#8+1#10G-3/4"	1,4,5	
HPU-2	PROCEDURE ROOM 2	5	-	26.0	208	3	-	3P40A	3P40A	EP2-14,16,18	3#8+1#10G-3/4"	1,4,5	
F-1 (ROOF)	TOILET ROOMS, JANITORS	-	.167 KW	-	120	1	-	-	-	1P20A	RP1-17	2#12+1#12G-1/2"	1,2,5
F-2 (ROOF)	TRASH RM AND SOILED AREA	-	.167 KW	-	120	1	-	-	-	-	-	-	-
F-3	TELE / COMP	-	223 W	-	120	1	-	-	-	1P15A	EP1-32	2#12+1#12G-1/2"	1,2,6
EDH-1	SIDE ENTRANCE	-	2 KW	-	208	3	-	3P15A	-	-	-	-	-
EDH-2	WAITING AREA	-	5 KW	-	208	3	-	3P20A	3P30A	MP-19,21,23	3#10+1#10G-1/2"	1,4	
EDH-3	NURSE CONSULTANT	-	2.5 KW	-	208	3	-	3P15A	3P15A	MP-25,27,29	3#12+1#12G-1/2"	1,4	
EDH-4	SIDE ENTRANCE / PREP HOLD	-	4 KW	-	208	3	-	3P15A	3P15A	MP-26,28,30	3#12+1#12G-1/2"	1,4	
EDH-5	PREP HOLDING	-	1 KW	-	208	3	-	3P15A	3P15A	MP-26,28,30	3#12+1#12G-1/2"	1,4	
EDH-6	PATIENT RECOVERY	-	1 KW	-	208	3	-	3P15A	3P15A	MP-20,22,24	3#12+1#12G-1/2"	1,4	
HUH-1	ABOVE THE CEILING	-	3 KW	-	208	1	2P20A	-	2P20A	RP1-19,21 RP1-23,25 RP1-27,29	2#12+1#12G-1/2"	1,3	
H-1	TRASH ROOM	-	3.3 KW	-	208	3	3P15A	-	3P15A	MP-7,9,11	3#12+1#12G-1/2"	1,3	
H-2	TRASH ROOM	-	3.3 KW	-	208	3	3P15A	-	3P15A	MP-13,15,17	3#12+1#12G-1/2"	1,3	
H-3	TRASH ROOM	-	13.3 KW	-	208	3	3P50A	-	3P50A	MP-8,10,12	3#8+1#10G-3/4"	1,3	
H-4	JANITOR	-	5 KW	-	208	3	3P20A	-	3P20A	MP-14,16,18	3#12+1#12G-1/2"	1,3	
WH-1	FLOOR	-	9 KW	-	208	3	3P40A	-	3P35A	RP1-37,39,41	3#8+1#10G-3/4"	1,3	
RTU-1	EX. ROOFTOP UNIT	7.5	-	41.1	208	3	-	3P50A	3P50A	MP-1,3,5	3#8+1#10G-3/4"	1,4,5	
RTU-2	EX. ROOFTOP UNIT	5	-	27.9	208	3	-	3P35A	3P35A	MP-2,4,6	3#8+1#10G-3/4"	1,4,5	
FCU-1 / FCU-2	CONFERENCE ROOM	2	-	17.8	208	1	-	2P20A	2P20A	RP1-40,42	2#10+1#10G-1/2"	1,3,4	
HPU-1A	NURSE WORK	-	-	-	-	-	-	-	-	-	-	-	

- NOTES:
- COORDINATE ALL EQUIPMENT LOCATIONS, CONNECTIONS AND ELECTRICAL REQUIREMENTS WITH MECHANICAL CONTRACTOR AND LABEL / NAMEPLATE OF EQUIPMENT PRIOR TO ROUGH-IN.
  - PROVIDE THERMAL MOTOR SNAP SWITCH, NEMA 3R WHERE LOCATED OUTSIDE; COORDINATE WITH MECHANICAL.
  - PROVIDE DISCONNECT SWITCH, NEMA 3R WHERE LOCATED OUTSIDE.
  - PROVIDE DISCONNECT SWITCH, FUSED PER MANUFACTURER'S RECOMMENDATION, NEMA 3R WHERE LOCATED OUTSIDE.
  - EQUIPMENT MOUNTED ON ROOF.
  - CONTROL VIA REVERSE ACTING THERMOSTAT PROVIDED BY MECHANICAL; ELECTRICAL CONTRACTOR PROVIDE WIRING.



1 FLOOR PLAN - POWER  
 E3 SCALE: 1/4"=1'-0"

