

DATE	REVISIONS	NO.
11-1-18	ISSUE TO B/D	

**GENERAL POWER NOTE:**

A. COVER ALL UNUSED DATA BOXES WITH STAINLESS STEEL COVER PLATES.

**POWER REFERENCED NOTES: (SHEETS E2.1-E2.7)**

- P1. SEE DETAIL 5/66.1 FOR TYPICAL RECEPTACLE WIRING.
- P2. DO NOT INSTALL ANY OUTLETS BACK TO BACK.
- P3. SEE 2/E2.2 FOR FRONT OF CLASSROOM OUTLET LOCATIONS AND CONDUIT SIZES.
- P4. INSTALL DATA OUTLETS AND ADJACENT RECEPTACLES WITH A MINIMUM OF 18" BETWEEN OUTLET BOXES.
- P5. INSTALL DISCONNECT ON HALL ABOVE CEILING AS CLOSE TO UNIT CONNECTION LOCATION AS POSSIBLE, BUT OUT OF UNIT ACCESS SPACE. SWITCH MUST HAVE CLEARANCES IN FRONT OF SWITCH 30" WIDE X 42" DEEP AS REQUIRED BY NEC SECTION 110-26. CO-ORDINATE W/ OTHER TRADES. SEE MECH. EQUIPMENT LEGEND ON SHEET E6.2 FOR SWITCH AND CONDUCTOR SIZES.
- P6. ALL CONDUIT IN CORRIDORS SHALL BE ABOVE HWP UNITS AND OUT OF UNIT ACCESS SPACE. SEE MECHANICAL FOR ACCESS SPACES.
- P7. CONNECT TO BUILT IN DISCONNECT SWITCH.
- P8. PROVIDE SWITCH AND SWITCHED RECEPTACLE UNDER SINGLE COVERPLATE AT 16" AFF.
- P9. INSTALL RECEPTACLES HORIZONTALLY IN BASE OF SHELVES. STUB CONDUIT TO BE 18" AFF AND CONNECT TO RECEPTACLE WITH 24" OVERHEAD HALLWAY CONDUIT.
- P10. INSTALL WALKER RFB4-55 FLR. BOX W/ PROTECTIVE COVER. USE DUPLICATION RECEPTACLE COMPARTMENT FOR DATA. RUN TWO (2) CONDUITS FROM RECEPTACLE TO FLOOR UNDER FLOOR AND TURN UP AT 90° BACK TO RECEPTACLE. 12" AFF. TERMINATE WITH BUSHED END FITTINGS.
- P11. FLOOR OUTLETS FOR TELEPHONE, DATA AND RECEPTACLES SHALL BE LOCATED AS DIRECTED BY THE ARCHITECT (SEE ARCH SHEETS FOR LOCATIONS).
- P12. RUN CONDUIT UP THROUGH PROVIDED WIRE WAY IN BOTTOM OF UNIT AND CONNECT TO BUILT IN DISCONNECT. ELECTRICAL CONDUIT ROUTED THROUGH BASE OF UNIT SHALL BE SEALTIGHT FLEXIBLE CONDUIT. SEE MECH. EQUIP. LEGEND ON SHEET E6.2 FOR SWITCH & CONDUCTOR SIZES.
- P13. INSTALL NEW METAL OUTLET LOBBY DOORS AS SHOWN. INSTALL POWER UNDERGROUND TO NEW PEDESTALS INDICATED. INSTALL HANDICAP BUTTON, CARD READER, AND AIRPHONE UNIT ON NEW PEDESTALS.
- P14. RUN THROUGH FLOOR OR INSIDE UNIT BEHIND CURB AND INSTALL RECEPTACLE WITH RACEWAY OR HWP COVER ON UNIT BEHIND CURB. COORDINATE WITH MECHANICAL. SEE NOTES FOR CONDUIT AT PIPE RINGS.
- P15. INSTALL J-BOX WITH 1/2" CONDUIT ON EXTERIOR WALL AT 60" AFF (MOUNT FLUSH IN WALL). CONFIRM LOCATION WITH COUNTY FIRE MARSHAL'S OFFICE PRIOR TO INSTALLATION.
- P16. WHERE TELEVISION OUTLETS ARE SHOWN THE TELEVISION OUTLET AND THE ADJACENT J-BOX RECEPTACLE SHALL BE INSTALLED AT THE TELEVISION OUTLET MOUNTING HEIGHT, UNLESS OTHERWISE NOTED ON PLANS.
- P17. CONNECT TO PUSH BUTTONS, CONTROLS, AND H.C. DOOR OPERATOR AS DIRECTED BY MANUFACTURER.
- P18. INSTALL RECEPTACLES AND DATA OUTLETS AT 4" ABOVE COUNTER TOP AND RUN CONDUIT IN COUNTER PARTITION AND UP IN WALL TO ABOVE CEILING AS INDICATED.
- P19. INSTALL 12" X 12" X 5" DEEP FLUSH NEMA 1 ENCLOSURE WITH HINGED LOCKING DOOR AT 48" TO BOTTOM. INSTALL 3/4" IN WALL OR TIGHT TO STRUCTURE AND TURN OUT ABOVE CEILING FOR BUS CALL PHONE BY OWNER. COORD. EXACT LOCATION WITH OWNER PRIOR TO INSTALLATION.
- P20. TELEPHONE PANEL TP SHALL BE 4' X 8' X 3/4" PLYWOOD SECURED TO WALL AND PAINTED WITH GRAY FIRE RETARDANT PAINT. PROVIDE 1/6" TO WATER MAIN AND LEAVE 10' SLACK AT TP. RUN 3/4" CONDUITS TO PROPERTY LINE AT STREET. SEE VEO1.
- P21. INSTALL ERGCS 6 HOLE GROUND BUS ASSEMBLY AT 1" AFF ON BACKBOARD. RUN 40 GROUND FROM BUS TO STEEL STRUCTURE.
- P22. INSTALL 4' X 8' X 3/4" PLYWOOD BACKBOARDS VERTICALLY SECURED TO WALLS AND PAINTED WITH GRAY FIRE RETARDANT PAINT FOR DATA SYSTEM. USE COUNTER SUNK BOLTS TO ATTACH PLYWOOD.
- P23. NOT USED
- P24. INSTALL SECURITY KEY PAD LOCKING, HINGED ENCLOSURE (LOWELL BLS-1) IN WALL, 48" AFF TO TOP. STUB OUT 1/2" ABOVE CEILING FOR CABLE. SEE SHEET E5.1. INSTALL SINGLE GANG BOX WITH 1/2" CONDUIT ADJACENT TO KEYPAD LOCATION FOR CARD READER.
- P25. INSTALL 10" X 10" X 4" DEEP SPEAKER BACK BOX (LOWELL P60V) FLUSH IN WALL AT 10" AFF OR JUST BELOW SOFFIT AS DIRECTED BY ARCHITECT. FOR USE BY OWNER. STUB OUT 1/2" TO ABOVE ACCESSIBLE CEILING AS SHOWN. COORDINATE EXACT LOCATION WITH OWNER PRIOR TO INSTALLATION.
- P26. INSTALL SATELLITE CLOCK TRANSMITTER ON SHELF AT 66" AFF. INSTALL RECEPT. & DATA OUTLET AT 78" AFF. COORDINATE WITH CLOCK SUPPLIER TO PROVIDE 1/2" CONDUIT UP THRU PIPE CURB TO ROOF ANTENNA.
- P27. PROVIDE CONDUIT AND JUNCTION BOXES AT EXTERIOR DOORS INDICATED FOR FUTURE ACCESS FOR BUS CALL ANTENNA BY OWNER. INSTALL ALL CONTROLLER POWER TO CIRCUIT EL-4.
- P28. CONNECT TO ELEVATOR CONTROLLER AS DIRECTED BY ELEVATOR SUPPLIER.
- P29. PROVIDE AUXILIARY CONTACT IN DISCONNECT SWITCH FOR CONNECTION TO ELEVATOR CONTROLS.
- P30. INSTALL J-BOX FLUSH WITH EXTERIOR BRICK FACE AT HEIGHT OF 8' ABOVE MAIN LEVEL CEILING FOR FUTURE SURVEILLANCE CAMERA BY OWNER. RUN 1/2" CONDUIT FROM BOX AND STUB OUT OUT ABOVE CEILING. INSTALL WEATHERPROOF COVER OVER BOX.
- P31. CONNECT TO EMERGENCY LOCK-DOWN PUSHBUTTON AND ACCESS CONTROLS PER MFG'S INSTRUCTIONS. ACCESS CONTROL EQUIPMENT PROVIDED BY OWNER.
- P32. INSTALL FLUSH J-BOX WITH 3/4" CONDUIT IN WALL TO ABOVE CEILING FOR HVAC SHUTOFF. CONFIRM BOX SIZE WITH HVAC CONTRACTOR AND EXACT LOCATION WITH OWNER.
- P33. INSTALL FLUSH J-BOX WITH 1/2" CONDUIT UP IN WALL AND THROUGH ROOF PIPE CURB TO WEATHERHEAD FOR VHF ANTENNA BY OWNER. INSTALL BOX ABOVE RECEPTION COUNTER AS DIRECTED BY OWNER. COVER WALL BOX WITH STAINLESS STEEL COVERPLATE.
- P34. INSTALL 4' X 4' X 3/4" PLYWOOD BACKBOARDS SECURED TO WALL AND PAINTED WITH GRAY FIRE RETARDANT PAINT FOR DATA SYSTEM. USE COUNTER SUNK BOLTS TO ATTACH PLYWOOD.
- P35. INSTALL RECEPTACLE FOR ELECTRIC WATER COOLERS AT LOCATION AND HEIGHT AS INDICATED IN MANUFACTURER'S SHOP DRAWINGS.
- P36. INSTALL RECEPTACLE ABOVE CEILING FOR TRAP PRIMER TRANSFORMER.
- P37. INSTALL SPLIT-WIRED RECEPTACLES IN WALL BEHIND CHARGING STATIONS. EACH CHARGING STATION REQUIRES A DEDICATED CIRCUIT AND IS PROVIDED WITH A PLUG FOR CONNECTION. PROVIDE A HOME RUN TO PANEL INDICATED FOR EACH CHARGING STATION.
- P38. CONNECT TO GENERATOR CONTROLLER AS DIRECTED BY SUPPLIER.
- P39. TERMINATE CONDUCTORS WITH WIRENUTS IN JUNCTION BOX INSTALLED A MAXIMUM OF 48" ABOVE CEILING AT LOCATION SHOWN FOR FUTURE CONNECTION TO PROJECTOR OUTLET PROVIDED UNDER SEPARATE CONTRACT. SUPPORT JUNCTION BOX FROM STRUCTURE.
- P40. INSTALL SINGLE GANG BOX AT 48" AFF AND DOUBLE GANG BOX AT 20" AFF WITH 1" C BETWEEN BOXES. ALIGN BOXES VERTICALLY AND ROUTE 1" C BACK FROM SINGLE GANG BOX TO PROJECTOR LOCATION FOR CONTROLS BY OTHERS. CONFIRM LOCATIONS WITH OWNER.
- P41. INSTALL 4' X 8' X 3/4" PLYWOOD BACKBOARD VERTICALLY SECURED TO WALL AND PAINTED WITH GRAY FIRE RETARDANT PAINT FOR ERGCS RADIO REPEATER SYSTEM. USE COUNTER SUNK BOLTS TO ATTACH PLYWOOD.
- P42. INSTALL RECEPTACLE ABOVE CEILING FOR CONDENSATE PUMP. COORDINATE EXACT LOCATION WITH MECHANICAL.

