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DESIGNATED SUPPORT SPACE – FIRST FLOOR
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POWER & SYSTEMS PLAN

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E3 of E5

- 1.) NEW RECEPTACLES TO BE REWIRED FROM EXISTING CIRCUIT. REFER TO DRAWING E1 FOR LOCATIONS OF EXISTING RECEPTACLES THAT ARE TO BE REMOVED AND THEIR ASSOCIATED CIRCUITS THAT WILL BE REUSED.
- 2.) NEW USB RECEPTACLES TO BE MOUNTED AT 650mm AFF INTO THE SIDES OF THE NEW MILLWORK. REFER TO ARCHITECTURAL DRAWINGS FOR DETAILS.
- 3.) NEW RECEPTACLE TO BE MOUNTED ABOVE COUNTER ON THE BACK OF THE NEW MILLWORK. REFER TO ARCHITECTURAL DRAWINGS FOR DETAILS OF MILLWORK. WIRE RECEPTACLE TO SPARE CIRCUIT 1P2-46.
- 4.) EXISTING FIRE ALARM SPEAKERS / STROBES TO BE RELOCATED INTO NEW DROPPED CEILING. LOCATIONS OF EXISTING DEVICES MAY VARY SLIGHTLY FROM WHAT IS SHOWN ON THE DRAWINGS.
- 5.) RECEPTACLES IN ROOMS 104 & 105 TO BE WIRED TO EXISTING RECEPTACLE CIRCUIT 1P2-24.
- 6.) RECEPTACLES IN ROOM 103 TO BE WIRED TO NEW RECEPTACLE CIRCUIT 1P2-34.
- 7.) RECEPTACLES IN ROOM 102 TO BE WIRED TO EXISTING RECEPTACLE CIRCUIT 1P2-32.
- 8.) RECEPTACLES IN ROOM 101 TO BE WIRED TO EXISTING RECEPTACLE CIRCUIT 1P2-30.
- 9.) RECEPTACLES IN ROOM 100 TO BE WIRED TO EXISTING RECEPTACLE CIRCUIT 1P2-28.
- 10.) RECEPTACLES IN ROOM 106 TO BE WIRED TO EXISTING RECEPTACLE CIRCUIT 1P2-26.
- 11.) NEW FAN COIL FC-101. WIRE NEW FAN COIL FROM CIRCUIT M2A-62 PROVIDE 120 VOLT MAGNETIC MOTOR STARTER FOR FAN COIL AND LOCATE ABOVE THE CEILING AND BESIDE THE UNIT. WIRING TO BE 2 #12 IN 21mm EMT.
- 12.) NEW FAN COIL FC-102. WIRE NEW FAN COIL FROM CIRCUIT M2A-64. PROVIDE 120 VOLT MAGNETIC MOTOR STARTER FOR FAN COIL AND LOCATE ABOVE THE CEILING AND BESIDE THE UNIT. WIRING TO BE 2 #12 IN 21mm EMT.
- 13.) NEW FAN COIL FC-103. WIRE NEW FAN COIL FROM CIRCUIT M2A-66. PROVIDE 120 VOLT MAGNETIC MOTOR STARTER FOR FAN COIL AND LOCATE ABOVE THE CEILING AND BESIDE THE UNIT. WIRING TO BE 2 #12 IN 21mm EMT.
- 14.) PROVIDE FIRE ALARM MODULES FOR ALL THREE NEW FAN COIL UNITS TO SHUT UNITS DOWN UPON ACTIVATION OF THE FIRE ALARM SYSTEM. WIRE TO NEAREST EXISTING FIRE ALARM INITIATION LOOP. EXACT LOCATION OF NEAREST EXISTING ALARM INITIATING DEVICE TO BE DETERMINED ON SITE. ALL NEW DEVICES TO BE CERTIFIED AND VERIFIED UPON COMPLETION.
- 15.) REFER TO DETAIL 1/E1/E1 FOR THE LOCATION OF THE EXISTING DATA CLOSET #141 THAT ALL NEW DATA AND VOICE OUTLET ARE TO BE WIRED TO.

- 1.) NEW RECEPTACLES TO BE WIRED FROM SPARE CIRCUIT BREAKER 1P1-68 IN EXISTING PANEL 1P1 LOCATED IN ELECTRICAL ROOM 114. WIRING TO BE 2 #10 AWG IN 21mm EMT.
- 2.) NEW VOICE AND DATA CABLES TO BE ROUTED BACK TO EXISTING COMMUNICATIONS CLOSET 113. TERMINATE VOICE AND DATA CABLES ON NEW MODULES LOCATED IN EXISTING VOICE AND DATA PATCH PANELS. LABEL ALL NEW OUTLETS IN THE EXISTING NUMBERS SCHEME AS THE EXISTING OUTLETS. NEW DATA AND VOICE CABLES SHALL BE ROUTED UNDER THE EXISTING ACCESS FLOOR SYSTEM IN THE EXISTING WIRE BASKET CABLE TRAYS
- 3.) EXISTING SUB-FLOOR POWER DISTRIBUTION BOX. REFER TO DRAWING E4 TO DETERMINE CIRCUIT NUMBERS AT POWER DISTRIBUTION BOXES.
- 4.) OBTAIN NEW (OR SPARE) RECESSED FLOOR BOXES FROM PWGSC STAFF AND LOCATE AS SHOWN. PLUG POWER WHIP INTO EXISTING SUB-FLOOR POWER DISTRIBUTION BOX AND DATA WHIPS IN TO EXISTING SUB-FLOOR COMMUNICATION DISTRIBUTION BOX.
- 5.) EXISTING CARD READER, ELECTRIC STRIKE, DOOR CONTACT AND REQUEST TO EXIT DEVICE RELOCATED FROM FORMER MAIL ROOM AND REINSTALLED ON NEW DOOR 107. ALL SECURITY CABLING SHALL BE NEW AND MATCH CABLE SPECIFICATION. NOTE THE SYSTEM IS AN GE SECURITY SYSTEM. CONTACT PERSON IS MR. PAUL TUBB. RELOCATED DOOR ACCESS HARDWARE SHALL BE RE TERMINATED TO THE EXISTING DOOR CONTROL PANEL LOCATED IN THE ELECTRICAL ROOM 114. CERTIFICATION AND VERIFICATION OF THE SYSTEM SHALL BE COMPLETED BY THE VENDER IN THE PRESENCE OF PWGSC STAFF.

