

2 PARTIAL 2ND FLOOR PLAN – POWER AND SYSTEMS
1:100

GENERAL NOTES:

- CONTRACTOR SHALL VERIFY EXISTING POWER ZONE JUNCTION BOX CIRCUIT ASSIGNMENT INDICATED ON THE DRAWING. WHERE DISCREPANCIES ARE IDENTIFIED, CONTRACTOR SHALL NOTE THE ACTUAL CIRCUIT NUMBERS ON THE AS-BUILT DRAWINGS.
- NEW OUTLETS SHALL BE FED FROM THE EXISTING CIRCUITS IN PANELS H AND K. MATCH CIRCUITS CCT1 THROUGH CCT36 WITH THE RESPECTIVE AVAILABLE CIRCUITS IN THE ABOVE PANELS. CIRCUITS CCT30 THROUGH CCT36, KITCHEN COUNTER CIRCUITS AND PRINTER CIRCUITS SHALL BE SIZED FOR 1,2kW LOAD (EACH). WHERE CIRCUITS ARE POWERING DEDICATED EQUIPMENT, CONFIRM THE LOAD BASED ON THE EQUIPMENT NAMEPLATE.
- ADJUST CONDUCTOR SIZING AS REQUIRED TO ACCOMMODATE THE VOLTAGE DROP.
- ELECTRICAL CONTRACTOR SHALL PROVIDE J-HOOK INFRASTRUCTURE TO SUPPORT COMMUNICATION CABLEING FROM THE CABLE TRAY TO THE LOCATION OF EACH VOICE DATA DROP. COMMUNICATION CABLEING SHALL BE SUPPLIED AND INSTALLED BY OWNER'S COMMUNICATION CONTRACTOR.
- REFER TO DRAWING E0.1 DETAIL 4 FOR TYPICAL POWER AND DATA WORKSTATION RECEPTACLE LAYOUT.
- CABLE TRAY ROUTING IS SHOWN DIAGRAMMATICALLY AND SHALL BE COORDINATED WITH MECHANICAL CONTRACTOR. PROVIDE OFFSETS AS REQUIRED TO COORDINATE WITH OTHER SYSTEMS. MAINTAIN CABLE TRAY 300MM (MIN) FROM LUMINAIRE BALLASTS.

KEYNOTES:

- ACCESS CONTROL SYSTEM PANEL.
- SOUND MASKING SYSTEM PANEL.
- SUPPLY AND INSTALL 1220 X 1220 X 20mm PLYWOOD TELEPHONE BACKBOARD AT THE LOCATION INDICATED. CONFIRM THE LOCATION WITH OWNER'S IT CONTRACTOR PRIOR TO THE INSTALLATION.
- PROVIDE THREE 103mm CONDUITS BETWEEN THE ENTRANCE COMMUNICATION ROOM AND THE NEW TELECOMMUNICATION ROOM.
- COORDINATE EXACT LOCATION OF L5-30 OUTLET WITHIN THE ROOM WITH OWNER'S IT CONTRACTOR PRIOR TO ROUGH-IN.
- POWER AND COMMUNICATION SHALL BE ROUTED VIA POWER POLES AND THE SYSTEM FURNITURE. COORDINATE THE LOCATION OF POWER TERMINATION WITH SYSTEM FURNITURE SUPPLIER. ENSURE SUFFICIENT CAPACITY TO ACCOMMODATE EIGHT (8) CAT6 CONDUCTORS PER POWER POLE.
- PANEL H.
- PANEL K.
- CDP-2.
- CDP-1.
- CONFIRM EQUIPMENT LAYOUT WITHIN THE ROOM WITH THE OWNER PRIOR TO COMMENCING ROUGH-INS. ENSURE 1000MM CLEARANCE IN FRONT OF EACH PANEL.
- PROVIDE A LOW VOLTAGE MOUNTING BRACKET (AV PLATE) SIZED TO ACCOMMODATE ALL THE AV CONNECTIONS TO THE EXISTING EQUIPMENT. PROVIDE A NON-METALLIC CONDUIT SIZED TO ACCOMMODATE ALL THE REQUIRED CABLES FROM THE AV PLATE TO THE ACCESSIBLE CEILING SPACE. PROVIDE AN AV PLATE COMPLETE WITH ALL THE PORTS TO ACCOMMODATE THE WIRING TO THE EXISTING EQUIPMENT.
- PROVIDE A NEW WALL MOUNTED BUS BAR 350mm AFF. TIE BUS BAR TO THE MAIN COMMUNICATION ROOM GROUND GRID VIA A #2AWG CU CONDUCTOR. BOND COMMUNICATION CABLE TRAY AND COMMUNICATION CONDUITS TO THE BUS BAR.
- DO NOT USE CIRCUITS IDENTIFIED IN THIS AREA WITHIN THE RENOVATED SPACE.
- ROUTE POWER AND COMMUNICATION TO THE TABLE FROM THE WALL AT GRID J. POWER AND COMMUNICATION SHALL BE ROUTED VIA AN IN-FLOOR SURFACE RACEWAY, COMPLETE WITH SURFACE POWER/COMMUNICATION PEDESTALS UNDER THE BOARDROOM TABLE. RACEWAY SHALL MEET OR EXCEED THE REQUIREMENTS OF CAN/CSA B651-12. REFER TO DETAIL 1/E0.2. COORDINATE WITH DEPARTMENTAL REPRESENTATIVE FOR LOCATION OF TABLE BASES PRIOR TO COMMENCING THE INSTALLATION OF THE RACEWAY.
- INSTALL RELOCATED SMARTBOARD AT THIS LOCATION. SMARTBOARD ELEVATION SHALL MATCH EXISTING. COORDINATE LOCATION OF POWER AND COMMUNICATION OUTLET WITH THE LOCATION OF THE SMARTBOARD. PROVIDE A 2-GANG LOW VOLTAGE MOUNTING BRACKET ADJACENT TO THE POWER AND COMMUNICATION OUTLET. PROVIDE A NON-METALLIC FT4 RATED FLEXIBLE CONDUIT FROM THE LOCATION OF THE OPENING AT THE SMARTBOARD TO THE LOCATION OF THE AV PLATE. CONDUIT SHALL BE SIZED TO ACCOMMODATE THE SMARTBOARD WIRING.
- INSTALL RELOCATED PROJECTOR COMPLETE WITH PROJECTOR MOUNT AT THIS LOCATION. COORDINATE LOCATION OF POWER AND COMMUNICATION OUTLETS WITH PROJECTOR LOCATION. INSTALL EXISTING AV WIRING FROM THE PROJECTOR TO THE NEW AV PLATE. SUPPLY AND INSTALL NEW AV WIRING FROM THE AVAILABLE PROJECTOR AV INPUTS TO THE AV PLATE. SUPPLY AND INSTALL NEW AUDIO INPUT / OUTPUT WIRING FROM THE PROJECTOR TO THE AV PLATE. WIRING IN THE ACCESSIBLE CEILING SPACE SHALL BE SUPPORTED WITH J-HOOKS.
- COORDINATE EXACT LOCATION AND ELEVATION OF POWER AND VOICE OUTLETS FOR INAC TELEPHONE SYSTEM WITH THE OWNER PRIOR TO COMMENCING ROUGH-INS.

SCOPE OF WORK:

LANDLORD:

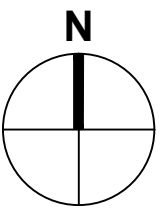
- CABLE TRAY.
- CONDUITS FROM THE TELECOM ROOM TO THE ENTRANCE COMMUNICATION ROOM.
- ADDITION OF NEW EMERGENCY LIGHTING HEADS TO SUIT THE NEW LAYOUT.
- SEVEN (7) CEILING JUNCTION BOXES CONTAINING THREE (3) DESIGNATED CIRCUITS (EACH), COMPLETE WITH AN OVERSIZED #10AWG NEUTRAL. MINIMUM CIRCUIT WIRE SIZE: #12AWG CU. IF CONFIRMED THAT JUNCTION BOXES AND THE APPROPRIATE CIRCUITS ARE IN PLACE, LABEL ALL CIRCUITS ON THE AS-BUILT DRAWINGS.
- FIRE ALARM SYSTEM MODIFICATION AND PARTIAL VERIFICATION.
- CLEAN AND RE-LAMP FIXTURES.

TENANT:

- J-HOOKS.
- ANY CIRCUITS IN EXCESS OF 21 CIRCUITS WHICH FALL UNDER THE RESPONSIBILITY OF THE LANDLORD.
- WIRING FROM POWER JUNCTION BOXES WITHIN THE CEILING SPACE TO OUTLETS AND FURNITURE SPINES.
- # ALL DEDICATED CIRCUITS.
- ACCESS CONTROL WIRING, JUNCTION / PULL BOXES AND CONDUIT.
- SOUND MASKING SYSTEM.
- LOW VOLTAGE LIGHTING CONTROLS AND THE ASSOCIATED WIRING.
- RELOCATION OF EXISTING EMERGENCY LIGHTING. ADDITION OF EMERGENCY LIGHTING.
- RELOCATION OF EXISTING EXIT SIGNS.
- FLUORESCENT LIGHTING FIXTURES AND ASSOCIATED WIRING, EXCLUDING CONTROL WIRING.
- INSTALLATION OF THE EXISTING AV EQUIPMENT AND THE ASSOCIATED WIRING / HARDWARE.
- ACCESS CONTROL PANEL AND DEVICE INSTALLATION, WIRING TERMINATION. REFER TO DETAIL 2/E0.2.

TENANT'S CONTRACTOR:

- COMMUNICATION CABLEING CW TERMINATIONS, PATCH PANELS, WALL FACEPLATES. (BY TENANT'S IT CONTRACTOR).



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PUBLIC WORKS AND GOVERNMENT SERVICES CANADA (PWGSC)

Project title: FORT QU'APPELLE, SASKATCHEWAN
2ND FLOOR, 740 SIOUX AVENUE
INAC FORT QU'APPELLE OFFICE FIT-UP
INDIGENOUS AND NORTHERN AFFAIRS CANADA

Designed by: AA	Conçu par:
Drawn by: LH	Dessiné par:
Approved by: MZ	Approuvé par:
Project Manager: [Name]	Administrateur de Projets: [Name]

Drawing title: PARTIAL 2nd FLOOR PLAN POWER AND SYSTEMS

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