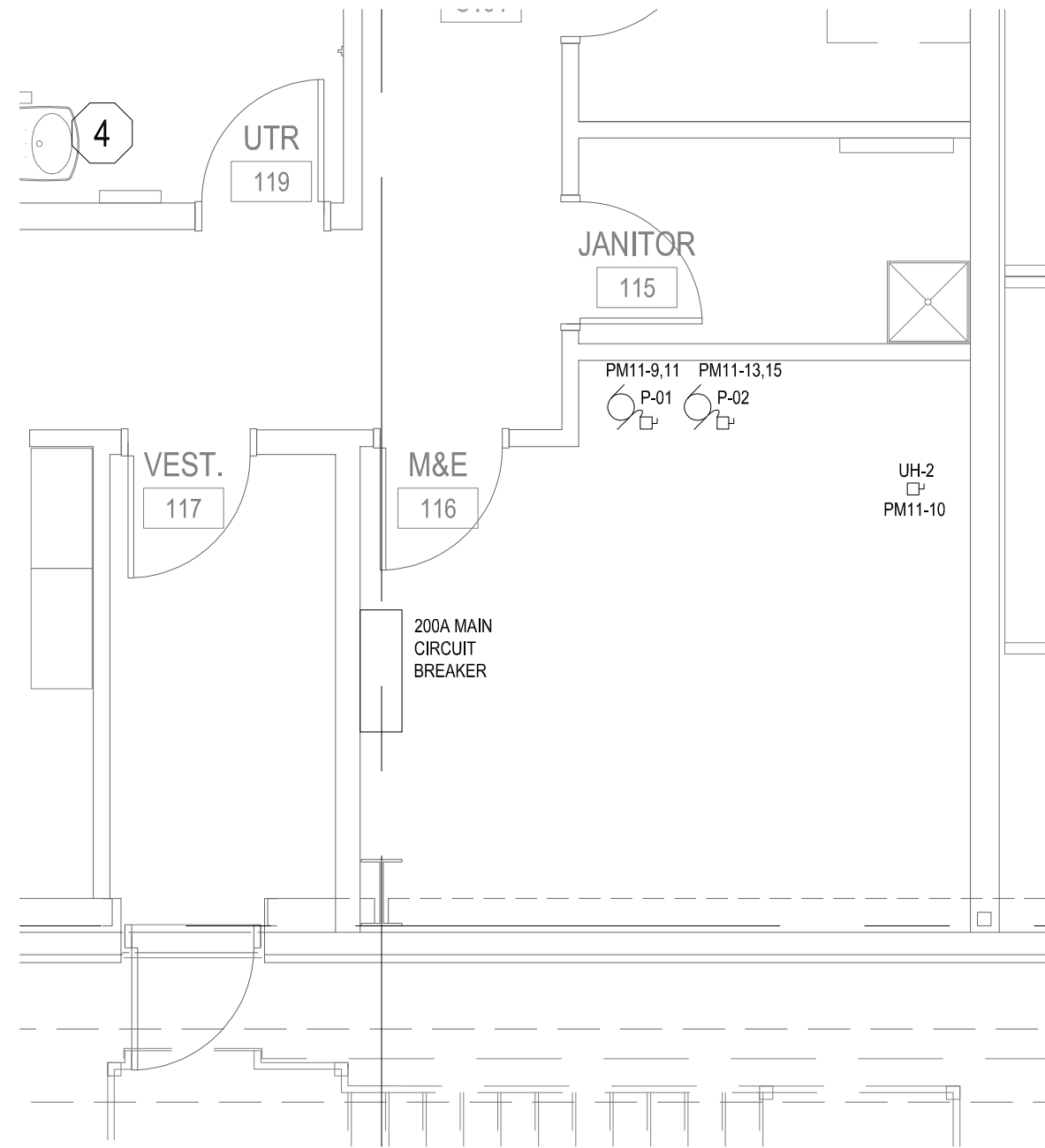


1 POWER SYSTEM - FIRST FLOOR
SCALE: 1: 100



2 116 M&E ROOM - POWER
SCALE: 1: 50

POWER GENERAL NOTES:

- UNITS OF MEASUREMENT ARE IN MILLIMETER (mm) UNLESS OTHERWISE NOTED.
- THIS DRAWING SHALL BE READ IN CONJUNCTION WITH THE ARCHITECTURAL, CEILING PLANS, MECHANICAL AND STRUCTURAL DRAWINGS.
- DIVISION 26 TO COORDINATE WITH THE MECHANICAL AND ARCHITECTURAL CONTRACTOR FOR THE LAYOUT OF POWER RECEPTACLES, SWITCHES AND PANELBOARDS AT SITE.
- REFER TO WIRING DEVICES AND ELECTRICAL EQUIPMENT INSTALLATION INSTRUCTIONS FOR MORE INFORMATION AND RECOMMENDATIONS.
- ALL POWER WIRING, BOXES AND CONDUITS ABOVE CEILING SHALL BE FULLY SUPPORTED AND CONNECTED WITH APPLICABLE CONNECTORS, ADAPTERS AND FITTINGS.
- ALL WIRING TO MAINTAIN ALLOWABLE CLEARANCE WITH OTHER SERVICES.
- REFER TO EQUIPMENT SCHEDULE FOR POWER INFORMATION.
- ALL WIRING DEVICES PROVIDED WITH APPLICABLE BOXES SUITABLE AS RECESSED OR SURFACE MOUNTED AS STATED.
- ALL RECEPTACLE BOXES TO BE FULLY SUPPORTED AND APPLIED WITH FIRE STOPPING MATERIAL AS REQUIRED.
- OBSERVE ALL RECEPTACLE BOXES CLEARANCE FROM THE SIDE WALL TO BE NOT LESS THAN 50mm AND ADJUST ACCORDINGLY.
- POWER WIRING FOR THE RECEPTACLE OUTLET TO BE MINIMUM #12AWG IN 21mm DIA. CONDUIT.
- SCHEDULING OF WORK IN EXISTING BUILDING SHALL BE COORDINATED WITH OWNER (THROUGH THE GENERAL CONTRACTOR) AND ARRANGED TO MINIMIZE DISRUPTIONS TO OWNERS OPERATION DURING NORMAL WORKING HOURS. ANY SHUTDOWN OR INTERRUPTION TO SYSTEM SHALL BE AT TIMES ACCEPTABLE AND APPROVED BY OWNER.
- REFER TO MECHANICAL EQUIPMENT SCHEDULE ON DRAWING E700 FOR COMPLETE LIST OF CIRCUITRY ASSIGNED TO EQUIPMENT

KEYNOTES:

- PROVIDE A WEATHERPROOF RECEPTACLE ENCLOSED IN WEATHER PROOF BOX. MOUNT THE BOX IN THE DRAIN AT HIGH LEVEL. REFER TO PLUMBING DRAWING P100 ON THE DETAILS OF ELEVATION OF THE DRAIN AND LOCATION OF PUMP.
- PROVIDE INTERLOCKING CONNECTIONS TO EF-02, MD-09 AND MD-10 WITH CONO2 SYSTEM.
- PROVIDE 30mm FROM FLOOR BOX TO ACCESSIBLE CEILING SPACE VIA A DOUBLE GANG LOW VOLTAGE DEVICE BRACKET FOR FUTURE AV CONNECTIONS. MOUNT DEVICE BRACKET ADJACENT TO TV OUTLET.
- MOUNT GFCI RECEPTACLE 250mm ABOVE SINK/COUNTER
- LIFT SUPPLIED CW DISCONNECT SWITCH AND PIT LIGHTING KIT. PROVIDE DEDICATED 15A, 120V-1PH CIRCUIT FOR CONTROLLER AND A 15A, 120V-1PH CIRCUIT FOR PIT LIGHTING. INSTALL DISCONNECT SWITCH SUPPLIED WITH UNIT. COORDINATE WITH LIFT INSTALLER
- RECEPTACLES TO BE MOUNTED IN THE WORK BENCH. CONDUIT ROUGH IN SHALL BE EMBEDDED TO THE CONCRETE FLOOR.
- COORDINATE MOUNTING HEIGHT OF RECEPTACLES WITH OWNER SUPPLIED SYSTEM FURNITURE.
- FLOORBOX LOCATIONS TO BE AS PER RFI RESPONSE.

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The general contractor and/or project manager shall verify dimensions and data noted herein with conditions on the site and is held responsible for reporting any discrepancy to the architect for adjustment. Do not scale the drawings.

CONSULTANTS



PERMIT TO PRACTICE
WSP Canada Inc.
Signature: *[Signature]*
Date: 2022-10-21
PERMIT NUMBER: P407
NT/NU Association of Professional Engineers and Geoscientists

PERMIT / STAMP



R1	21/10/2022	ISSUED FOR CONSTRUCTION
REV	DATE	DESCRIPTION

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CITY OF IQALUIT
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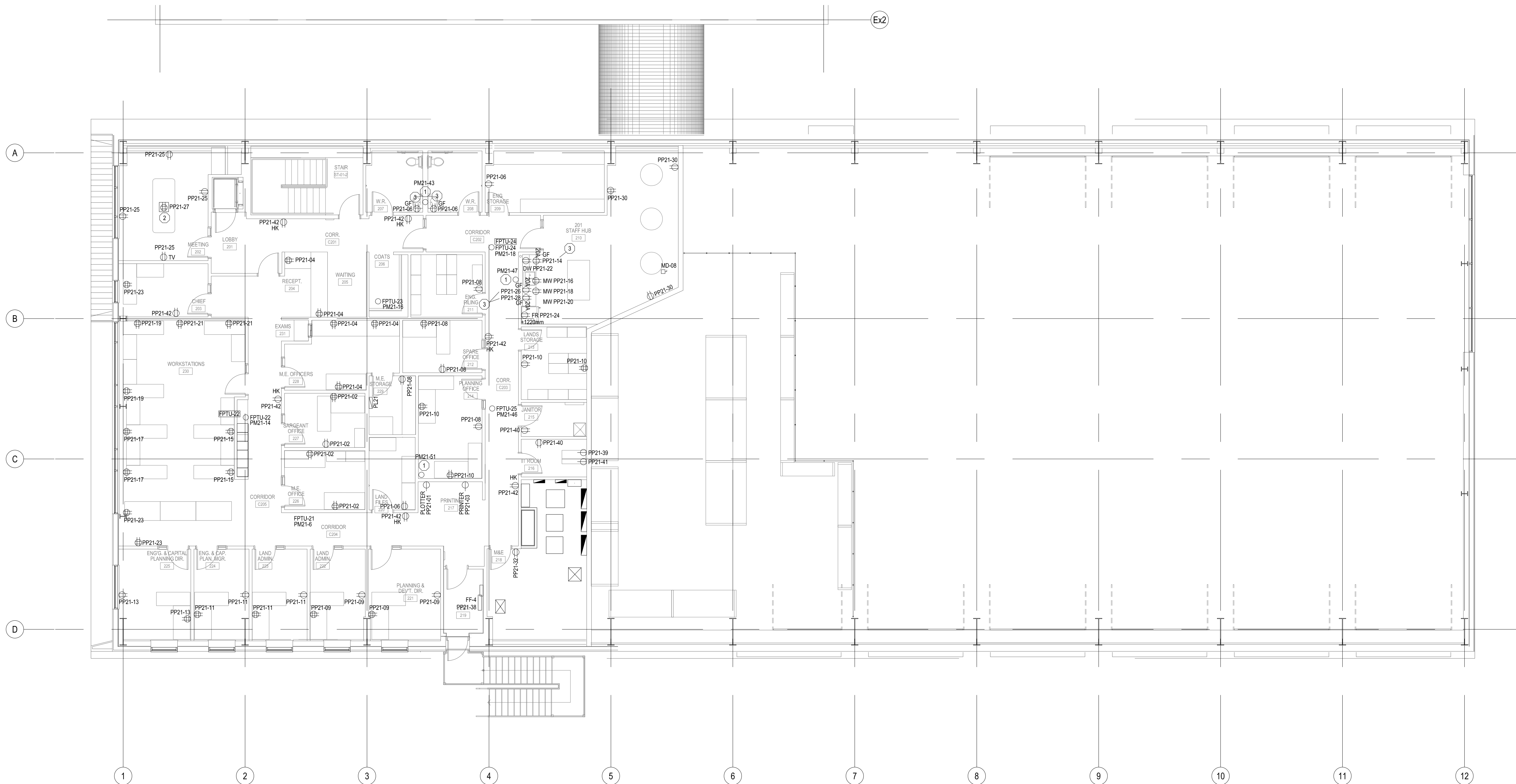
1549 FEDERAL ROAD
IQALUIT, NUNAVUT
X0A 0H0

CLIENT PROJECT NO. 820837

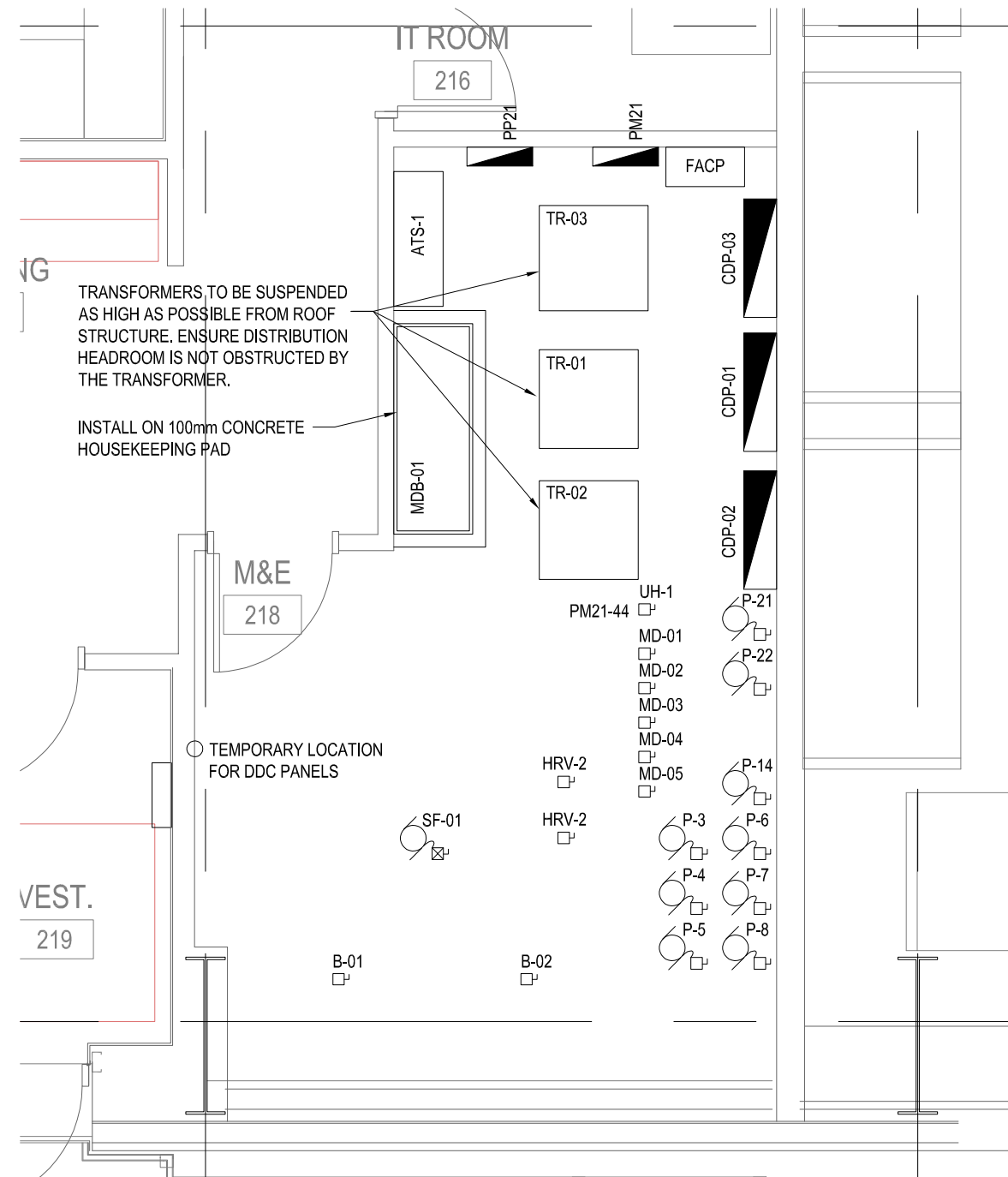
TITLE:
POWER SYSTEM FIRST FLOOR

SCALE: AS INDICATED
PROJECT NUMBER: 2019.00800
DRAWN BY: ABL

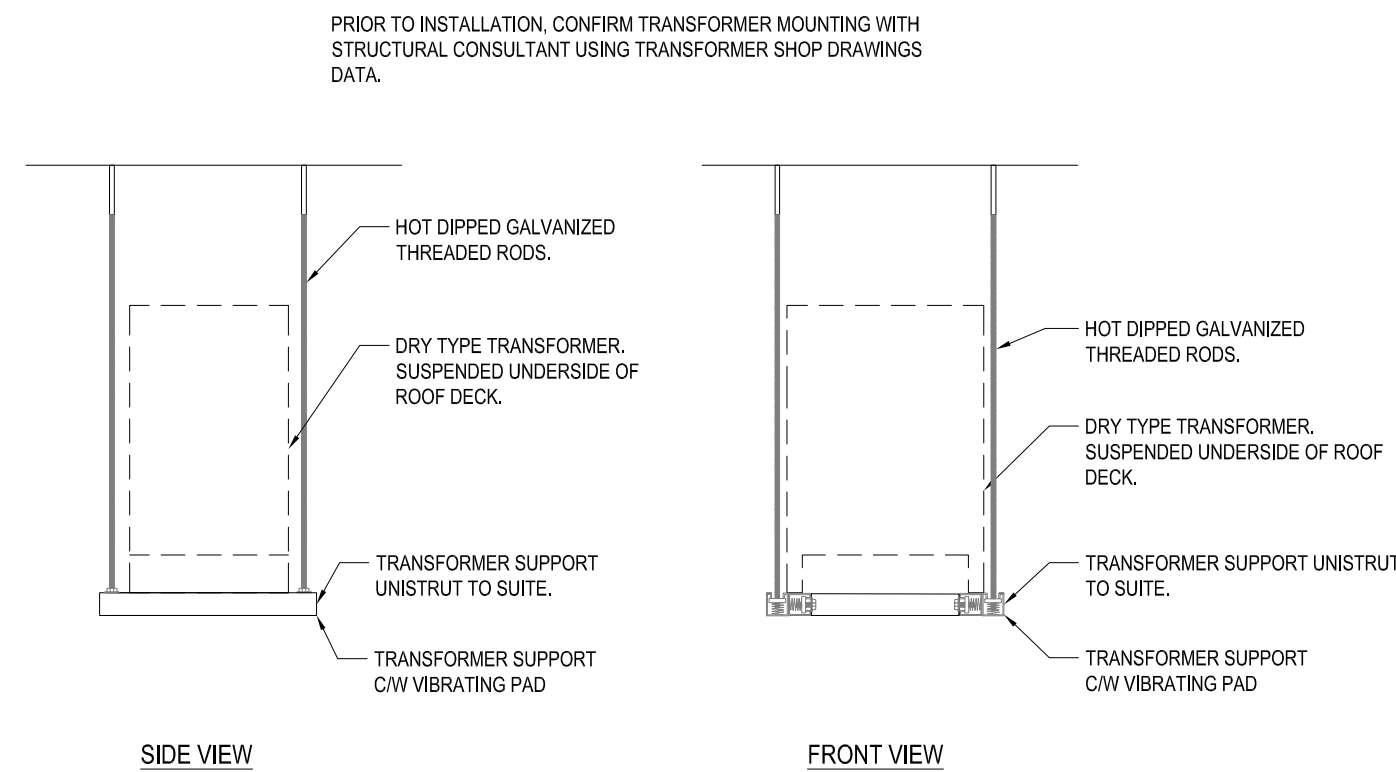
EP10



1 POWER SYSTEM - SECOND FLOOR
SCALE: 1: 100



2 218 M&E ROOM - POWER
SCALE: 1: 50



3 TRANSFORMER MOUNTING DETAIL
SCALE: N.T.S.

POWER GENERAL NOTES:

- UNITS OF MEASUREMENT ARE IN MILLIMETERS (mm) UNLESS OTHERWISE NOTED.
- THIS DRAWING SHALL BE READ IN CONJUNCTION WITH THE ARCHITECTURAL CEILING PLANS, MECHANICAL AND STRUCTURAL DRAWINGS.
- DIVISION 26 TO COORDINATE WITH THE MECHANICAL AND ARCHITECTURAL CONTRACTOR FOR THE LAYOUT OF POWER RECEPTACLES, SWITCHES AND PANELBOARDS AT SITE.
- REFER TO WIRING DEVICES AND ELECTRICAL EQUIPMENT INSTALLATION INSTRUCTIONS FOR MORE INFORMATION AND RECOMMENDATIONS.
- ALL POWER WIRING, BOXES AND CONDUITS ABOVE CEILING SHALL BE FULLY SUPPORTED AND CONNECTED WITH APPLICABLE CONNECTORS, ADAPTERS AND FITTINGS.
- ALL WIRING TO MAINTAIN ALLOWABLE CLEARANCE WITH OTHER SERVICES.
- REFER TO EQUIPMENT SCHEDULE FOR POWER INFORMATION.
- ALL WIRING DEVICES PROVIDED WITH APPLICABLE BOXES SUITABLE AS RECESSED OR SURFACE MOUNTED AS STATED.
- ALL RECEPTACLE BOXES TO BE FULLY SUPPORTED AND APPLIED WITH FIRE STOPPING MATERIAL AS REQUIRED.
- OBSERVE ALL RECEPTACLE BOXES CLEARANCE FROM THE SIDE WALL TO BE NOT LESS THAN 50mm AND ADJUST ACCORDINGLY.
- POWER WIRING FOR THE RECEPTACLE OUTLET TO BE MINIMUM #12AWG IN 21mm DIA. CONDUIT.
- SCHEDULING OF WORK IN EXISTING BUILDING SHALL BE COORDINATED WITH OWNER (THROUGH THE GENERAL CONTRACTOR) AND ARRANGED TO MINIMIZE DISRUPTIONS TO OWNERS OPERATION DURING NORMAL WORKING HOURS. ANY SHUTDOWN OR INTERRUPTION TO SYSTEM SHALL BE AT TIMES ACCEPTABLE AND APPROVED BY OWNER.
- DRY TYPE TRANSFORMERS TR-01, TR-02, AND TR-03 ARE TO BE SUSPENDED AT THE ROOF STRUCTURE. CONTRACTOR TO COORDINATE WITH STRUCTURAL ENGINEER.
- REFER TO MECHANICAL EQUIPMENT SCHEDULE ON DRAWING E700 FOR COMPLETE LIST OF CIRCUITRY ASSIGNED TO EQUIPMENT

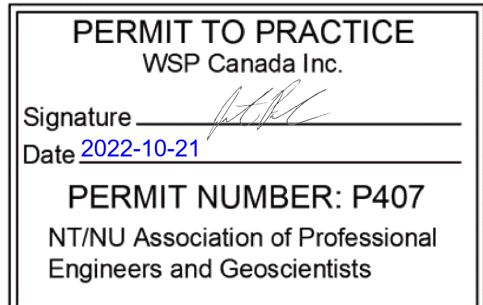
KEYNOTES:

- PROVIDE JUNCTION BOX AT THE CEILING SPACE FOR CONNECTION OF THE ROOF VENT. LOCATE EACH JUNCTION BOX ADJACENT TO THE CABLE TAIL OF THE FREEZE PROTECTION PLUMBING VENT STACK ARCTIC VENT. COORDINATE LOCATION WITH MECHANICAL DRAWINGS AND MECHANICAL TRADE PRIOR TO ROUGH-IN.
- PROVIDE 3/8" FROM FLOOR BOX TO ACCESSIBLE CEILING SPACE VIA A DOUBLE GANG LOW VOLTAGE DEVICE BRACKET FOR FUTURE AV CONNECTIONS. MOUNT DEVICE BRACKET ADJACENT TO TV OUTLET.
- MOUNT GFCI RECEPTACLE 250MM ABOVE SINK/COUNTER.

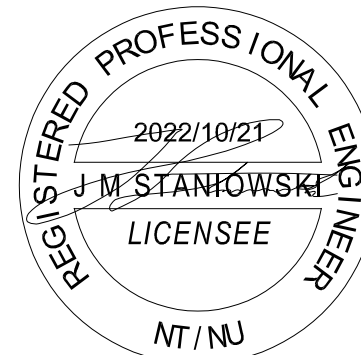
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REV DATE DESCRIPTION

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1549 FEDERAL ROAD
IQALUIT, NUNAVUT
X0A 0H0

CLIENT PROJECT NO. 820837

TITLE:
POWER SYSTEM SECOND FLOOR

SCALE: 1: 100
PROJECT NUMBER: 2019.00800
DRAWN BY: ABL

EP20