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**WASHROOMS RENOVATION
 ADMIN BUILDING, MACTAQUAC
 BIODIVERSITY FACILITY
 FRENCH VILLAGE, NB
 CANADA**

drawing / dessin

**NEW ELECTRICAL FLOOR
 PLAN, REFLECTED
 CEILING PLAN,
 SCHEDULE AND NOTES**

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|----------|--------------|------------|
| designed | CMC | conçu |
| date | SEP 10, 2021 | |
| drawn | MRB | dessiné |
| date | SEP 10, 2021 | |
| approved | CMC | approuvé |
| date | SEP 10, 2021 | |
| Tender | | Soumission |

PWGSC Project Manager / Administrateur de projets TPSGC
 project number / no. du projet
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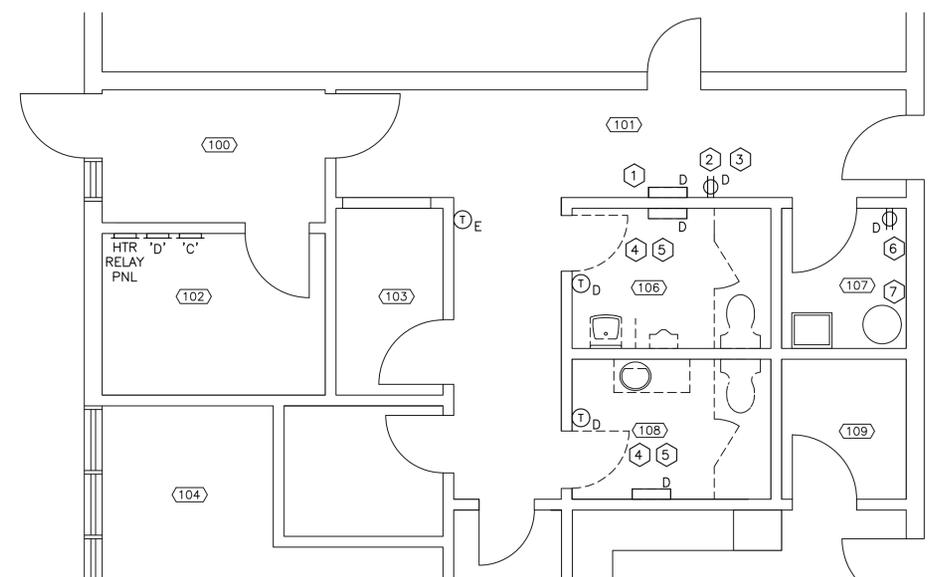
drawing no. / no. du dessin
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LEGEND:

- DUPLEX RECEPTACLE. 120V.
- ELECTRICAL CONNECTION TO EQUIPMENT.
- JUNCTION BOX.
- EXISTING ELECTRIC BASEBOARD HEATER.
- 610mm X 1220mm ELECTRIC RADIANT HEATING CEILING PANEL.
- LOW VOLTAGE THERMOSTAT.
- EXISTING ELECTRICAL PANELBOARD, SURFACE MOUNTED.
- 610mm LED VANITY LIGHT FIXTURE.
- 305mm X 1220mm TROFFER LIGHT FIXTURE.
- 610mm X 1220mm LED TROFFER LIGHT FIXTURE.
- LIGHT SWITCH.
- DOOR CONTACT. SUPPLIED AND INSTALLED BY DIVISION 08, WIRED BY DIVISION 26.
- ELECTRIC STRIKE. SUPPLIED AND INSTALLED BY DIVISION 08, WIRED BY DIVISION 26.
- DOOR OPERATOR. SUPPLIED AND INSTALLED BY DIVISION 08, WIRED BY DIVISION 26.
- BARRIER FREE DOOR OPERATOR SWITCH. SUPPLIED AND INSTALLED BY DIVISION 08, WIRED BY DIVISION 26.
- EMERGENCY CALL SWITCH. SUPPLIED BY DIVISION 08, INSTALLED AND WIRED BY DIVISION 26.
- EMERGENCY CALL STROBE. SUPPLIED BY DIVISION 08, INSTALLED AND WIRED BY DIVISION 26.

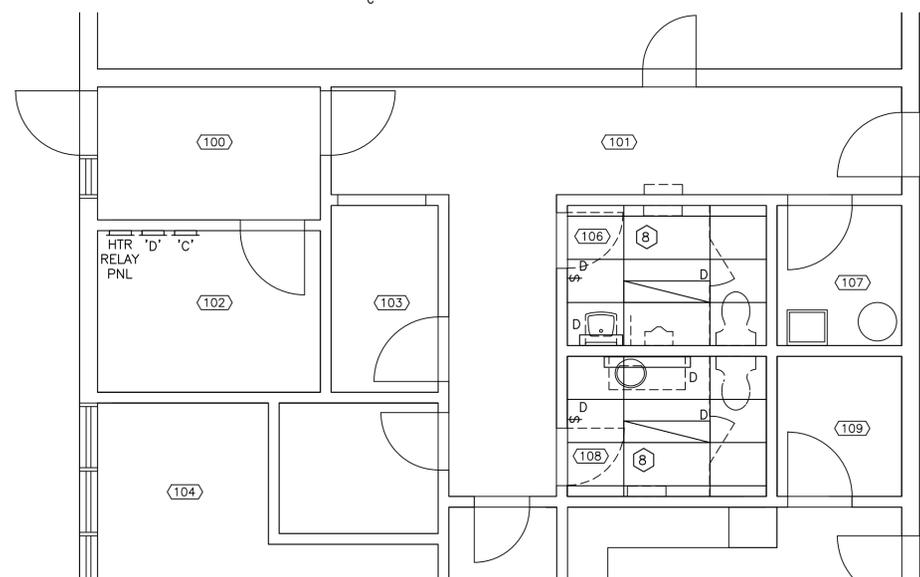
SUBSCRIPT LEGEND:

- BF = BARRIER FREE DOOR "WAVE TO OPEN" SWITCH.
- BFC = BARRIER FREE DOOR CONTROLLER.
- E = EXISTING TO REMAIN.
- D = EXISTING TO BE DEMOLISHED.
- DF = DRINKING FOUNTAIN.
- DO = DOOR OPERATOR.
- HD = HAND DRYER.
- OC = COMPLETE WITH DUAL TECHNOLOGY OCCUPANCY SENSOR.
- R = EXISTING TO BE RELOCATED.
- WRF = WASHROOM FIXTURES.



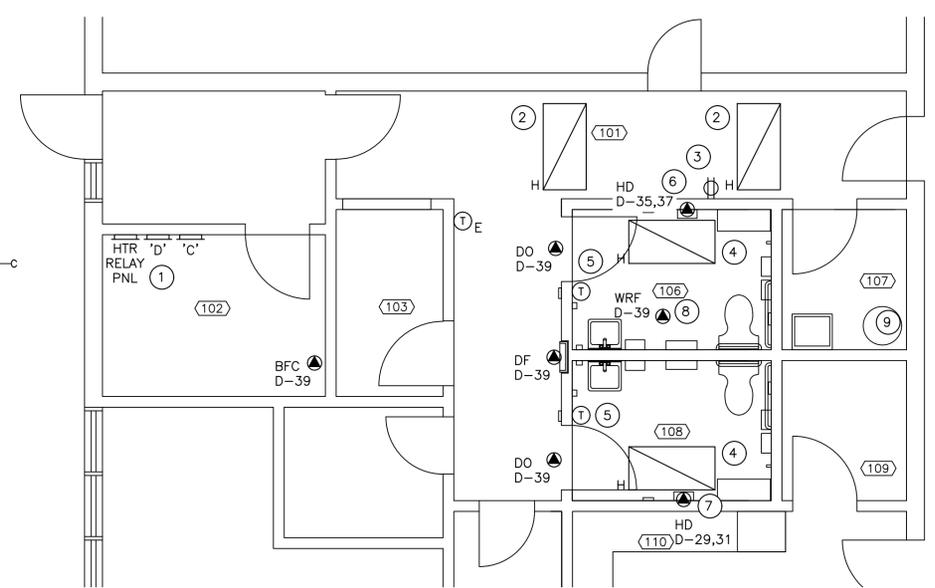
DEMOLITION POWER PLAN

SCALE : 1:50
 0m 1m 2m 3m 4m 5m



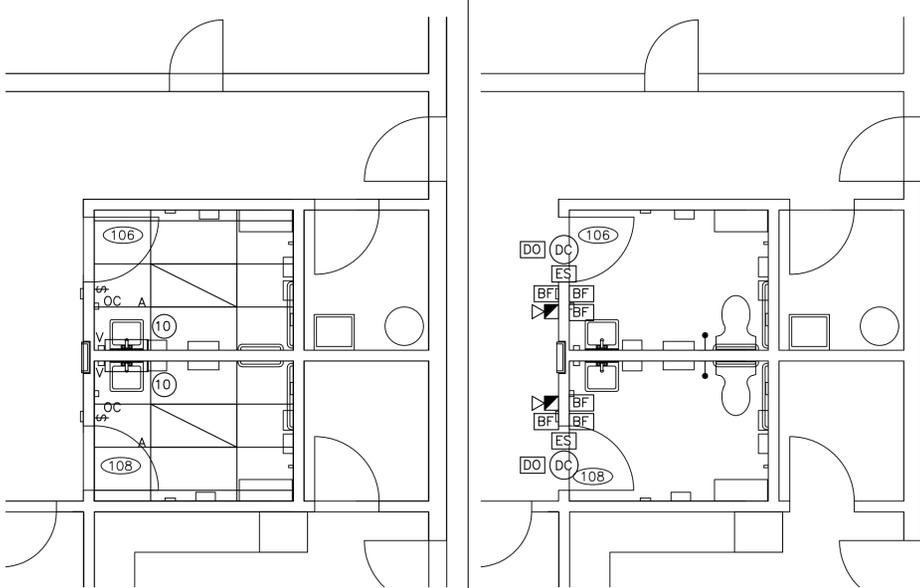
DEMOLITION LIGHTING PLAN

SCALE : 1:50
 0m 1m 2m 3m 4m 5m



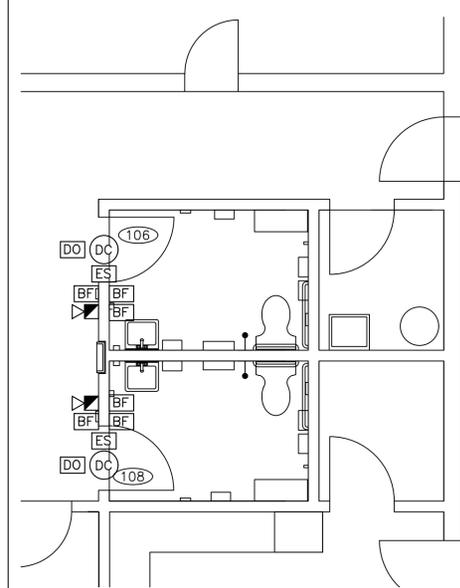
NEW POWER PLAN

SCALE : 1:50
 0m 1m 2m 3m 4m 5m



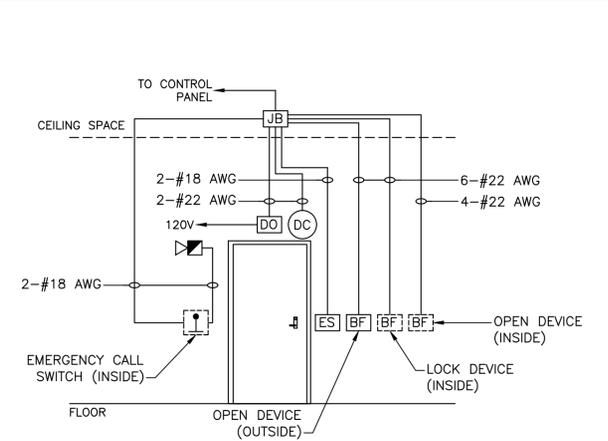
NEW LIGHTING PLAN

SCALE : 1:50
 0m 1m 2m 3m 4m 5m



BARRIER FREE EQUIPMENT PLAN

SCALE : 1:50
 0m 1m 2m 3m 4m 5m



BARRIER FREE WIRING EQUIPMENT DIAGRAM

DEMOLITION KEYNOTES:

- 1 DISCONNECT AND REMOVE BASEBOARD HEATER, DEVICE BOX, CONDUIT AND WIRING TO NEAREST JUNCTION BOX. PREPARE EXISTING CIRCUIT AND CONTROLS FOR REUSE FOR NEW RADIANT HEATING CEILING PANELS IN HALLWAY.
- 2 DISCONNECT AND REMOVE RECEPTACLE. PREPARE WIRING FOR REUSE FOR NEW RECEPTACLE AT RAISED ELEVATION.
- 3 REMOVE BLANK COVERPLATE, DEVICE BOX AND ASSOCIATED CONDUIT AND WIRING BACK TO NEAREST JUNCTION BOX.
- 4 DISCONNECT AND REMOVE BASEBOARD HEATER, DEVICE BOX, THERMOSTAT, AND CONDUIT AND WIRING TO NEAREST JUNCTION BOX. PREPARE EXISTING CIRCUIT FOR REUSE FOR NEW RADIANT HEATING CEILING PANEL IN WASHROOM.
- 5 TEMPORARILY DISCONNECT EXISTING HAND DRYER. PREPARE WIRING FOR REUSE FOR HAND DRYER UPON COMPLETION OF NEW WALL FINISH. COORDINATE DISCONNECTION WITH ARCHITECTURAL.
- 6 DISCONNECT AND REMOVE RECEPTACLE AND JUNCTION BOX. REMOVE ASSOCIATED CONDUIT AND WIRING BACK TO NEAREST JUNCTION BOX.
- 7 TEMPORARILY DISCONNECT DOMESTIC HOT WATER TANK, AND PREPARE WIRING FOR RECONNECTION UPON COMPLETION OF MECHANICAL WORK. COORDINATE DISCONNECTION WITH MECHANICAL CONTRACTOR.
- 8 DISCONNECT AND REMOVE VANITY LIGHT FIXTURE, RECESSED LIGHT FIXTURE, AND CONTROLS. PREPARE EXISTING CIRCUIT FOR REUSE FOR NEW LIGHTING IN WASHROOM.

GENERAL CONSTRUCTION NOTES:

1. CONNECT NEW OR RELOCATED DEVICES TO EXISTING CIRCUITS UNLESS NOTED OTHERWISE. EXTEND EXISTING CONDUIT AND WIRING AS REQUIRED FOR CONNECTION TO NEW OR RELOCATED DEVICES.
2. BARRIER FREE EQUIPMENT WIRING DIAGRAM SHOWN FOR REFERENCE ONLY. COORDINATE FINAL INSTALLATION REQUIREMENTS WITH MANUFACTURER INSTALLATION INSTRUCTIONS AND DIVISION 08.

CONSTRUCTION KEYNOTES:

- 1 INSTALL NEW 15A 1P CIRCUIT BREAKER IN PANELBOARD 'D' FOR NEW CIRCUITS SHOWN ON LAYOUT. MATCH EXISTING PANELBOARD MANUFACTURER AND INTERRUPTING RATING.
- 2 INSTALL NEW RADIANT HEATING CEILING PANEL IN EXISTING CEILING GRID AND CONNECT TO EXISTING ELECTRIC BASEBOARD HEATER CIRCUIT.
- 3 INSTALL NEW RECEPTACLE AT 500mm ABOVE FINISHED FLOOR.
- 4 INSTALL NEW RADIANT HEATING CEILING PANEL IN NEW CEILING GRID AND CONNECT TO EXISTING BASEBOARD HEATER CIRCUIT.
- 5 INSTALL NEW LOW VOLTAGE THERMOSTAT AND CONNECT TO EXISTING HEATER CONTROL CIRCUIT.
- 6 RECONNECT EXISTING HAND DRYER TO EXISTING CIRCUIT UPON COMPLETION OF NEW WALL FINISH.
- 7 CONNECT NEW HAND DRYER (SUPPLIED BY OTHERS) TO EXISTING CIRCUIT FROM DEMOLISHED HAND DRYER UPON COMPLETION OF NEW WALL FINISH.
- 8 WASHROOM FIXTURES TRANSFORMER AND LOW VOLTAGE WIRING BY DIVISION 23. 120V POWER WIRING BY DIVISION 26. COORDINATE FINAL QUANTITY AND LOCATIONS OF TRANSFORMERS ON SITE WITH DIVISION 23.
- 9 RECONNECT DOMESTIC HOT WATER TANK TO EXISTING CIRCUIT.
- 10 INSTALL NEW VANITY LIGHT FIXTURE ABOVE MIRROR, CENTRED WITH SINK. COORDINATE INSTALLATION WITH ARCHITECTURAL.

