

APEGM
Certificate of Authorization
HDK Consulting Incorporated
No. 5539 Date: 04/30/2017

Revision/Revisions	Description/Description	Date/Date
0	ISSUED FOR TENDER	Sep. 12, 16

Client/client
Public Works and Government Services Canada
100 - 167 Lombard Avenue
Winnipeg, Manitoba

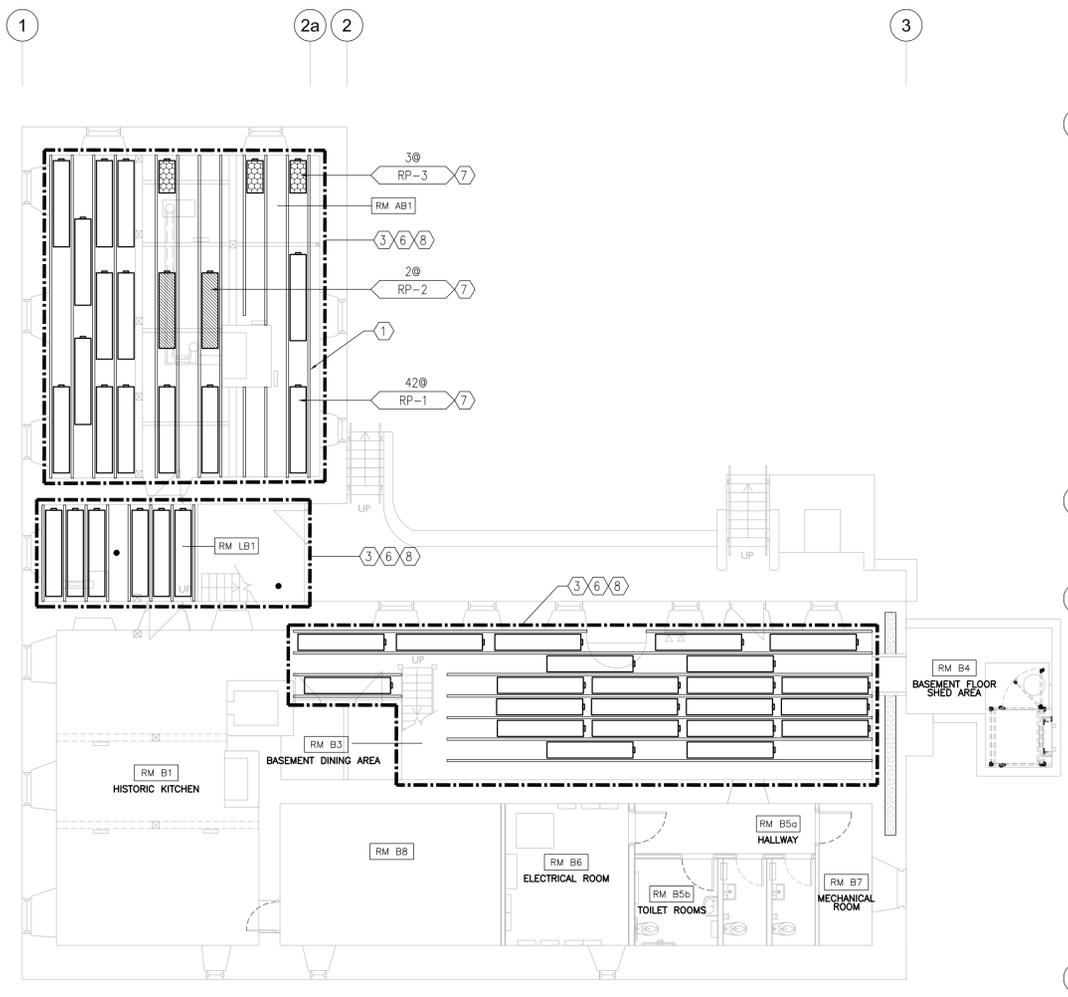
Project title/Titre du projet
**Lower Fort Garry (LFG)
National Historic Site, Manitoba**

**HERITAGE BUILDING
RECAPITALIZATION**

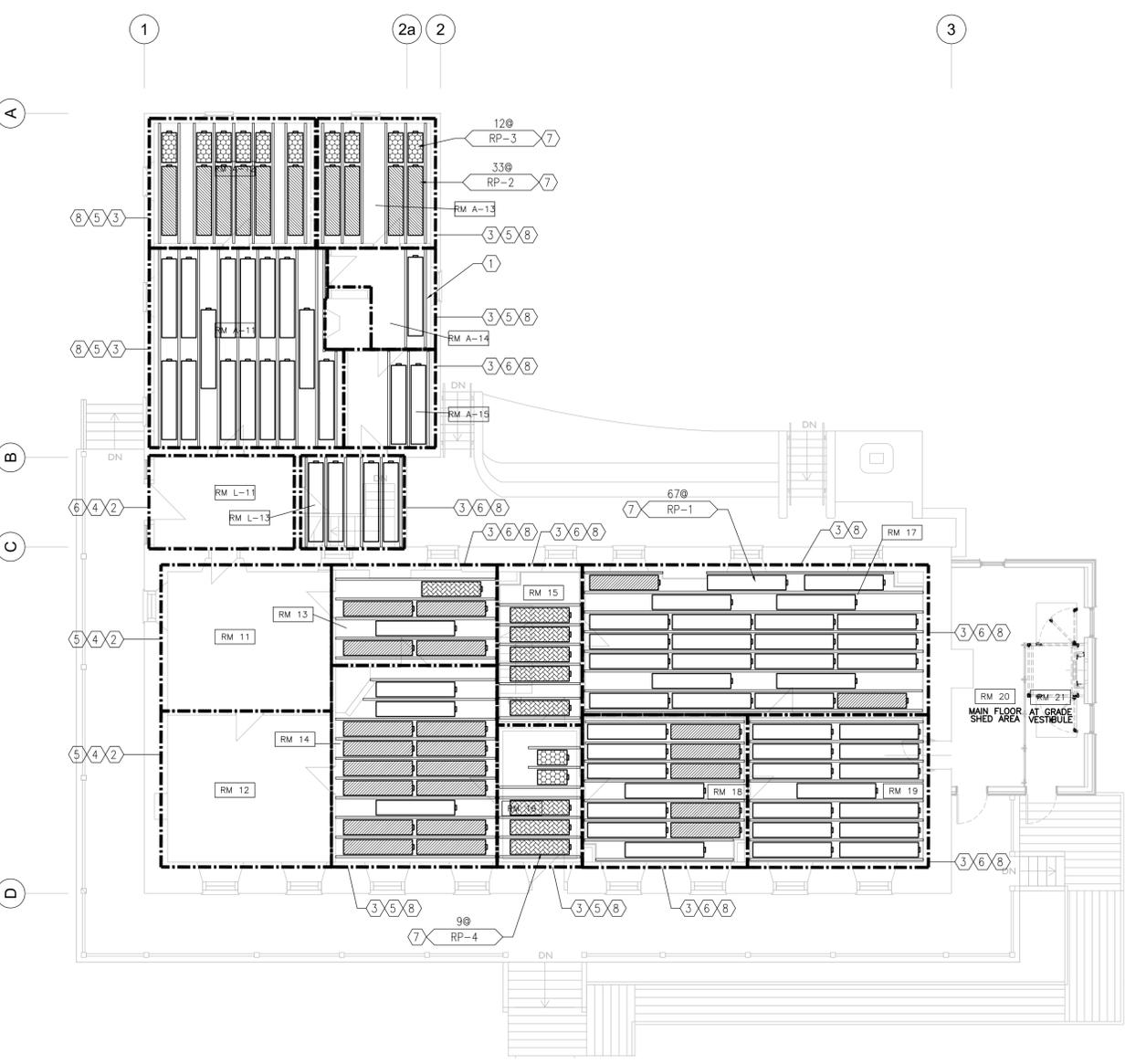
Approved by/Approve par
DH
Designed by/Concept par
PA
Drawn by/Dessine par
IS
PWGSC Project Manager/Administrateur de Projets TFSGC
CK
PWGSC, Architectural and Engineering Resources Manager/
Ressources Architectural et de Directeur d'ingénierie, TFSGC
Client/client
PARKS CANADA
Drawing title/Titre du dessin

**BIG HOUSE -
BASEMENT AND MAIN LEVEL
NEW RADIANT CEILING PANEL
LAYOUT**

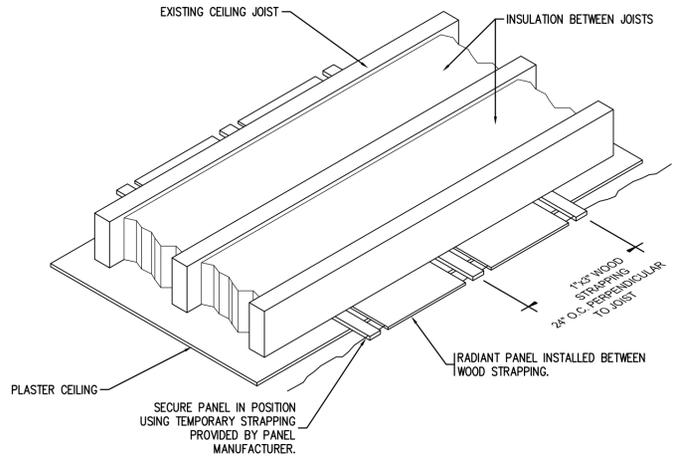
Project No./No. du projet R.075212.001	Sheet/Feuille M5 OF 14	Revision no./La Révision no. 0
--	-------------------------------------	--



1 NEW BASEMENT RADIANT PANEL
M5 1:100



2 NEW MAIN LEVEL RADIANT CEILING PANEL
M5 1:100



3 ELECTRIC RADIANT PANEL INSTALLATION DETAIL
M5 NTS

DRAWING KEYNOTES:

- 1 25x75 STRAPPING AT 600mm O.C. PERPENDICULAR TO JOISTS (TYPICAL). REFER TO DETAILS.
- 2 ALLOW FOR DISCONNECTION, REMOVAL AND RE-INSTALLATION OF EXISTING RADIANT CEILING PANELS. FINAL LOCATION OF RADIANT PANELS WILL BE DETERMINED AFTER INSTALLATION OF SPRINKLER HEADS.
- 3 REFER TO ELECTRICAL FOR LOCATIONS OF TEMPERATURE SENSORS AND HEATING CONTROLS.
- 4 ENSURE NO RADIANT PANELS WILL SIT ABOVE LED LIGHTING WHEN RE-INSTALLING RADIANT CEILING PANELS.
- 5 WHERE ROOMS WITH NEW CROWN MOULDING, MAINTAIN MINIMUM 200mm CLEARANCE BETWEEN WALL AND RADIANT PANEL. COORDINATE WITH ARCHITECTURAL AND ELECTRICAL.
- 6 WHERE ROOMS WITH NO CROWN MOULDING, MAINTAIN MINIMUM 50mm CLEARANCE BETWEEN WALL AND RADIANT PANEL. COORDINATE WITH ARCHITECTURAL AND ELECTRICAL.
- 7 ENSURE THERE ARE REQUIRED TOLERANCES FOR MAKING CONNECTIONS W/ PANELS BETWEEN TIGHTLY FIT PANELS.
- 8 PROVIDE NEW ELECTRIC RADIANT CEILING PANEL. REFER TO SCHEDULE.

GENERAL NOTES:

1. DO NOT SCALE THIS DRAWING. CONTRACTOR SHALL VERIFY ALL DIMENSIONS PRIOR TO INSTALLATION AND REPORT ANY DISCREPANCY TO THE DEPARTMENTAL REPRESENTATIVE.
2. THE DRAWING ONLY SHOWS A GENERAL SCHEMATIC OF NEW SYSTEMS. ROUTING OF DUCTWORK AND UNITS LOCATIONS SHALL SUIT SITE CONDITIONS AND MAY HAVE TO BE CHANGED TO AVOID CONFLICTS WITH STRUCTURE, DUCTS AND PIPES. WHEN CONFLICT CANNOT BE AVOIDED, THE DUCTWORK SHALL BE MODIFIED AS REQUIRED.
3. CONTRACTOR SHALL INCLUDE FOR AND PROVIDE ALL COORDINATION BETWEEN TRADES AND CONSULTANT ON AND OFF SITE AS REQUIRED FOR INSTALLATION OF MECHANICAL AND ELECTRICAL SYSTEMS, WHERE MINOR REROUTING OF DUCTWORK OR SERVICES IS REQUIRED DUE TO ONSITE CONDITIONS, IT SHALL BE PERFORMED AT NO ADDITIONAL COST.
4. CONFORM TO SPECIFICATIONS AND MANUFACTURER GUIDES FOR MATERIALS AND UNITS' INSTALLATION DETAILS.
5. NEW OPENINGS IN STONE MUST BE DONE W/ HAND TOOLS ONLY. REFER TO SECTION 04 03 43 - HISTORIC STONE REMOVAL. ALTERNATIVE METHODS MUST BE APPROVED BY DEPARTMENTAL REPRESENTATIVE.