

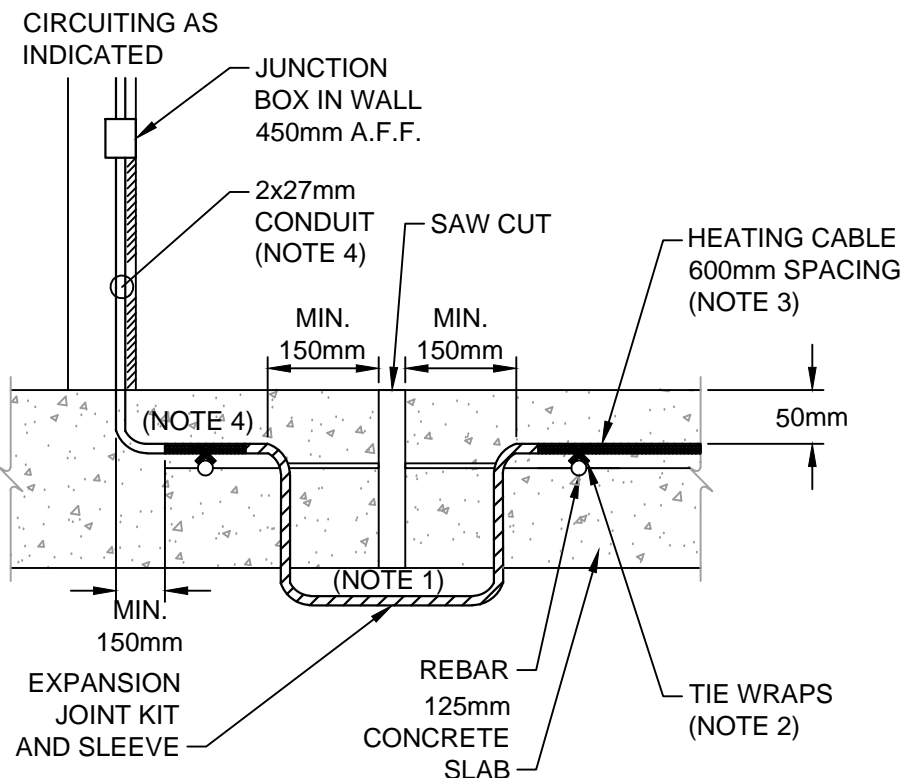
ELECTRIC HEATING CABLE PLAN - MAIN LEVEL

KEYNOTES	
1	SUPPLY AND INSTALL COMPLETE UNDER TILE FLOOR WARMING SYSTEM IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS AND CANADIAN ELECTRICAL CODE AND NEC REQUIREMENTS. COORDINATE WITH DIVISION 9 AND DIVISION 22 PRIOR TO INSTALLATION. MAINTAIN 150mm CLEARANCE TO OBSTRUCTIONS (LOCKER, BENCHES, FIXTURES, ETC.).
2	MAINTAIN 150mm CLEARANCE ON ALL SIDES OF SLAB SAW CUTS. SUPPLY AND INSTALL MANUFACTURER'S EXPANSION JOINT KIT AND PROTECTIVE SLEEVES WHERE REQUIRED. COORDINATE WITH DIVISION 3 PRIOR TO INSTALLATION, DURING SLAB POUR, AND DURING SLAB CUTTING. REFERENCE DRAWING 301-3 FOR CUT LOCATIONS.
3	SUPPLY AND INSTALL COMPLETE PERIMETER IN-SLAB HEATING SYSTEM IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS, CANADIAN ELECTRICAL CODE, AND NATIONAL BUILDING CODE. COORDINATE WITH DIVISION 22 AND CASEWORK/ EQUIPMENT ANCHORING REQUIREMENTS PRIOR TO INSTALLATION.
4	SUPPLY AND INSTALL COMPLETE IN-SLAB HEATING SYSTEM IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS, CANADIAN ELECTRICAL CODE, AND NATIONAL BUILDING CODE. COORDINATE WITH DIVISION 22 AND CASEWORK/ EQUIPMENT ANCHORING REQUIREMENTS PRIOR TO INSTALLATION.

NOTE:

1. ALL WORK SHALL BE CARRIED OUT IN ACCORDANCE WITH 2015 CANADIAN ELECTRICAL CODE AND LOCAL AUTHORITIES HAVING JURISDICTION.

ELECTRIC HEAT CABLE SCHEDULE			
TYPE	WATTS / VOLTS / PHASE	DESCRIPTION	NOTES
RFW-12	140/208/1	FLOOR WARMING SYSTEM	INSTALL TO MANUFACTURER'S INSTRUCTIONS. 50mm SPACING
RFW-82	990/208/1	FLOOR WARMING SYSTEM	INSTALL TO MANUFACTURER'S INSTRUCTIONS. 50mm SPACING
RFW-134	1600/208/1	FLOOR WARMING SYSTEM	INSTALL TO MANUFACTURER'S INSTRUCTIONS. 50mm SPACING
	30W/FOOT/347/1	600mm PERIMETER IN-SLAB HEATING CABLE	INSTALL TO MANUFACTURER'S INSTRUCTIONS. 300mm SPACING
	30W/FOOT/347/1	IN-SLAB HEATING CABLE	INSTALL TO MANUFACTURER'S INSTRUCTIONS. 190mm SPACING



NOTES:

1. LAYOUT HEATING CABLE IN COORDINATION WITH OTHER TRADES. MAINTAIN MINIMUM 150mm FROM SLAB EDGES, SAW CUTS AND OTHER OBSTRUCTIONS (PIPES, DRAINS, ANCHORS, ETC...).

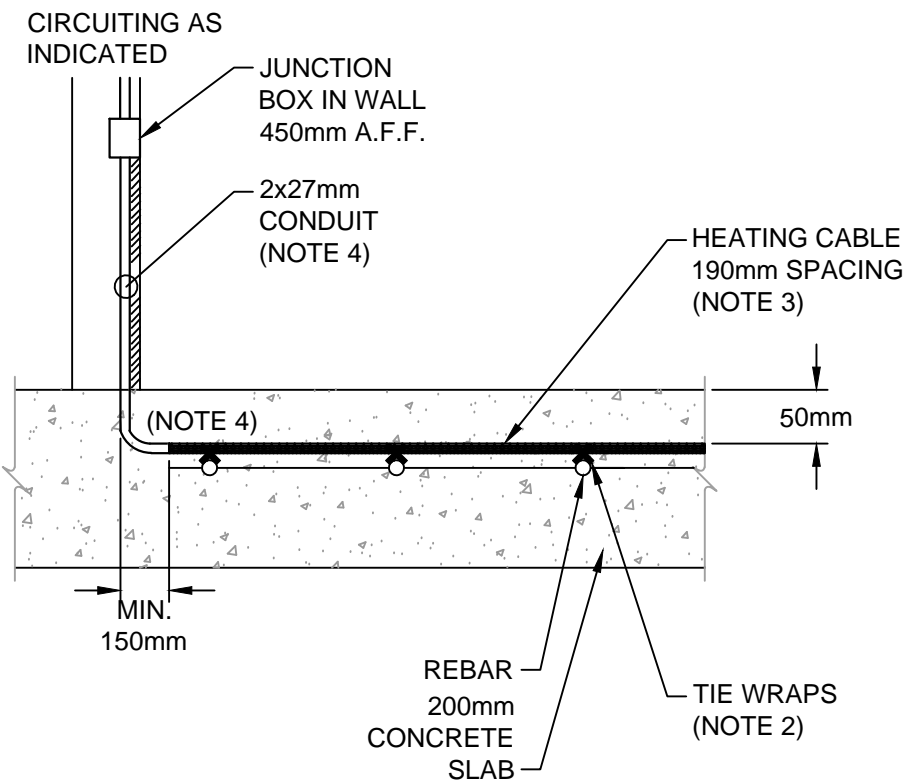
2. SECURE HEATING CABLE TO REBAR IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS (MINIMUM 300mm INTERVALS).

3. PROVIDE COMPLETE SYSTEM INCLUDING BUT NOT LIMITED TO SPLICES, INTERCONNECTIONS, EXPANSION JOINT KITS, POWER CONNECTIONS, AND END KITS TO MAKE A COMPLETE AND FUNCTIONAL SYSTEM.

4. PROVIDE PROTECTIVE BUSHINGS AT BOTH END OF CONDUITS.

5. PERFORM MEGGER TESTS PRIOR TO AND DURING CONCRETE POUR IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS. SUBMIT RESULTS PER GENERAL REQUIREMENTS.

TYPICAL IN-SLAB HEATING
SCALE : NOT TO SCALE



NOTES:

1. LAYOUT HEATING CABLE IN COORDINATION WITH OTHER TRADES. MAINTAIN MINIMUM 150mm FROM SLAB EDGES, SAW CUTS AND OTHER OBSTRUCTIONS (PIPES, DRAINS, ANCHORS, ETC...).

2. SECURE HEATING CABLE TO REBAR IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS (MINIMUM 300mm INTERVALS).

3. PROVIDE COMPLETE SYSTEM INCLUDING BUT NOT LIMITED TO SPLICES, INTERCONNECTIONS, EXPANSION JOINT KITS, POWER CONNECTIONS, AND END KITS TO MAKE A COMPLETE AND FUNCTIONAL SYSTEM.

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5. PERFORM MEGGER TESTS PRIOR TO AND DURING CONCRETE POUR IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS. SUBMIT RESULTS PER GENERAL REQUIREMENTS.

TYPICAL IN-SLAB HEATING
ROOMS 165,167,168,170
SCALE : NOT TO SCALE



CONST. NORTH

KEY PLAN

SCALE - NTS



0	RELEASED FOR CONSTRUCTION	01/29/2016
revisions		date
project		project

NEW
G.O.C.B
SAINT-LÉONARD
NEW BRUNSWICK

drawing
designed SRP
conqu
date JANUARY 29, 2016
drawn CAM
dessiné
date JANUARY 29, 2016
approved DAG
approuvé
date FEBRUARY 17, 2016
Tender
Soumission

PWSSC Project Manager Administrateur de projet TPSSC
project number
no. du projet
R.069499.001
drawing no.
no. du dessin
2603-2
E-DRM/GDD-E 527793