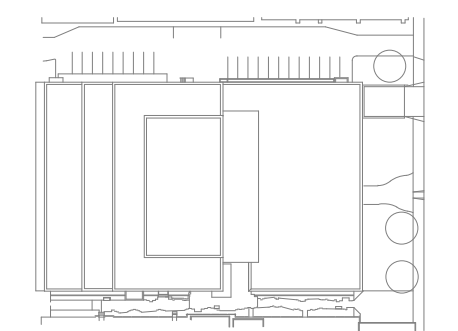


NORR

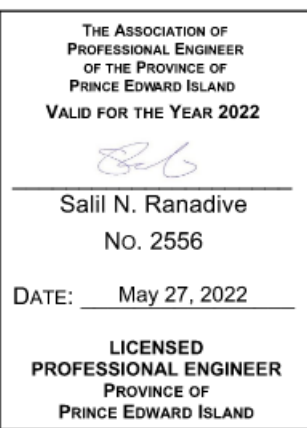
NORR Architects & Engineers Limited
An Ingenium Group Company
175 Bloor St. East
North Tower, 15th Floor
Toronto, ON Canada M4W 3R8
norrr.com

key plan



project and true North

project legend



0 ISSUED FOR TENDER 2022-05-27

revisions date

project
**DANIEL J MACDONALD
MODERNIZATION**

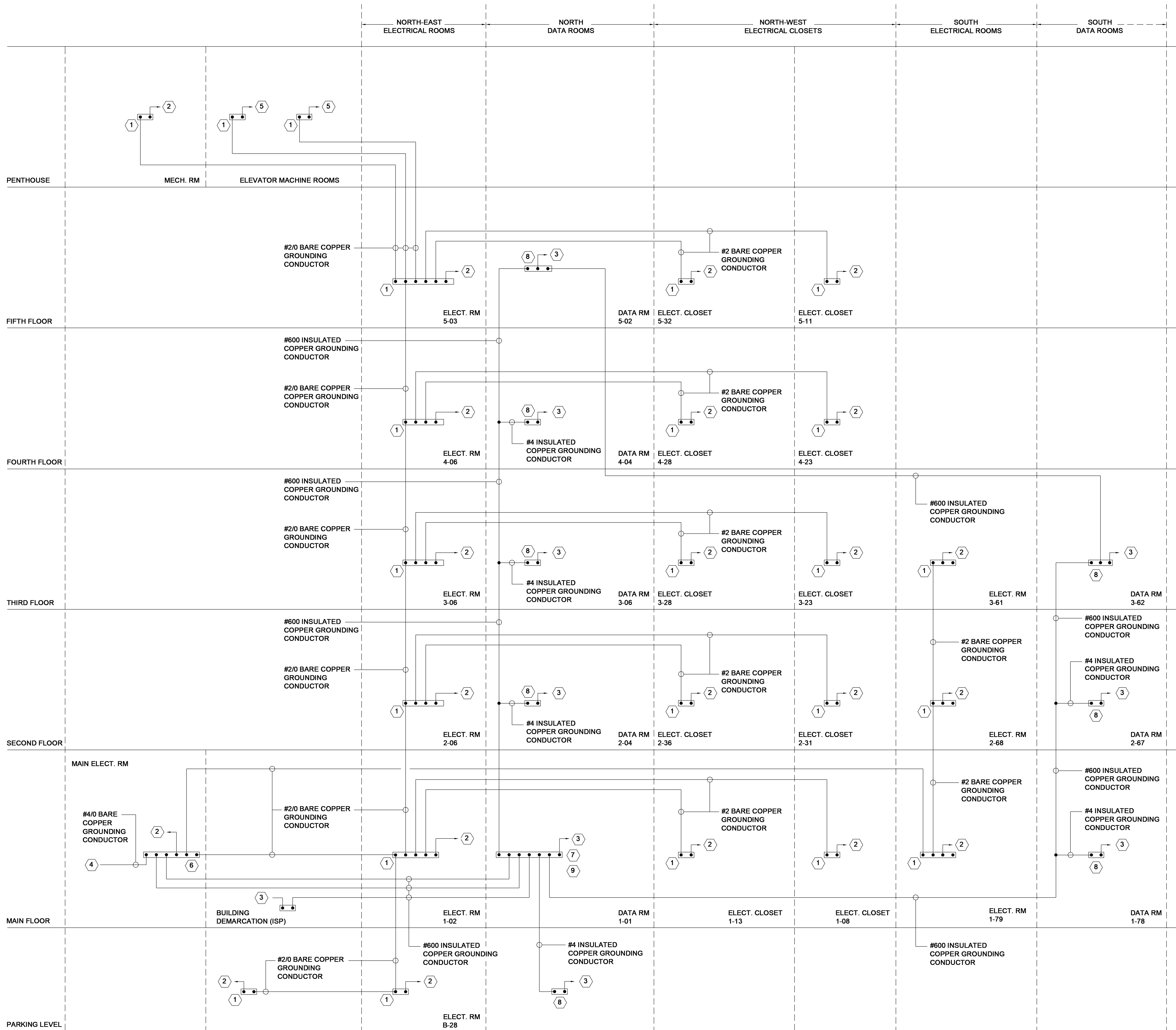
161 GRAFTON STREET
CHARLOTTETOWN, PEI, C1A 1L1

drawing
**GROUNDING RISER
DIAGRAM**

designed NORR
date 01/29/19
drawn NORR
date 01/29/19
approved SR
date 2022-05-27
Tender Submission
PWGSC Project Manager Administrateur de projets TPSCG
project number no. du projet

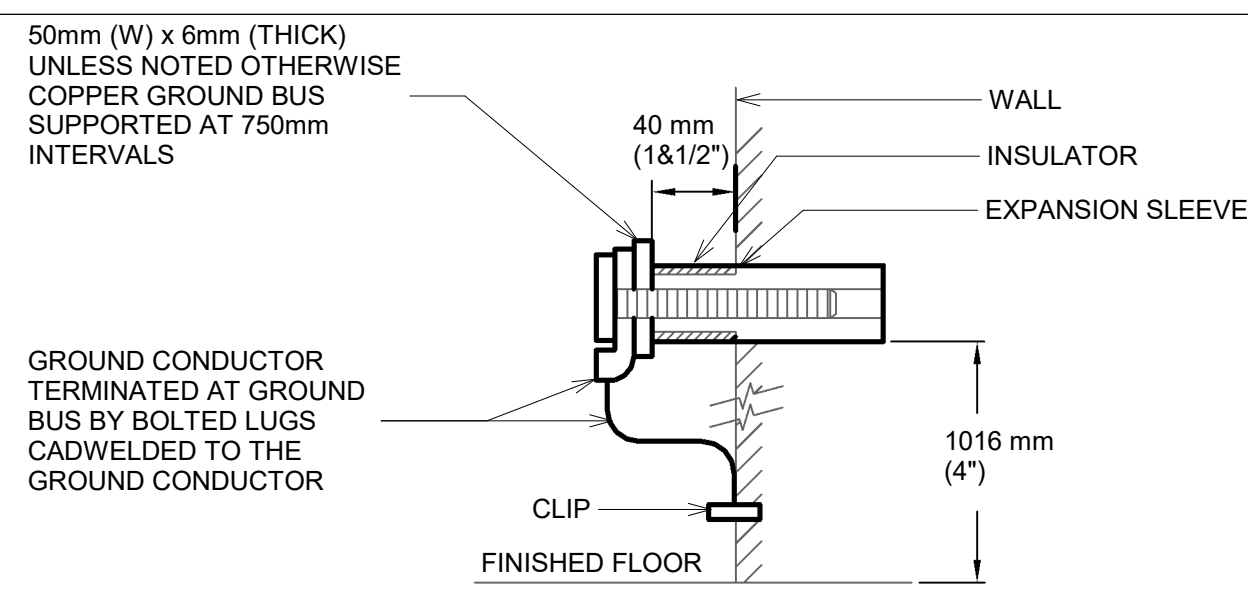
R.056687.005

drawing no. E05-01 no. du dessin

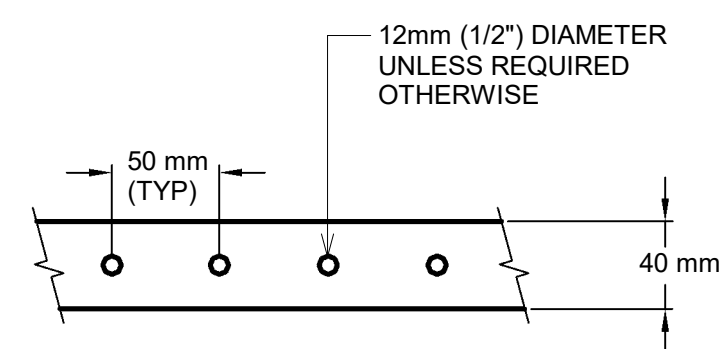


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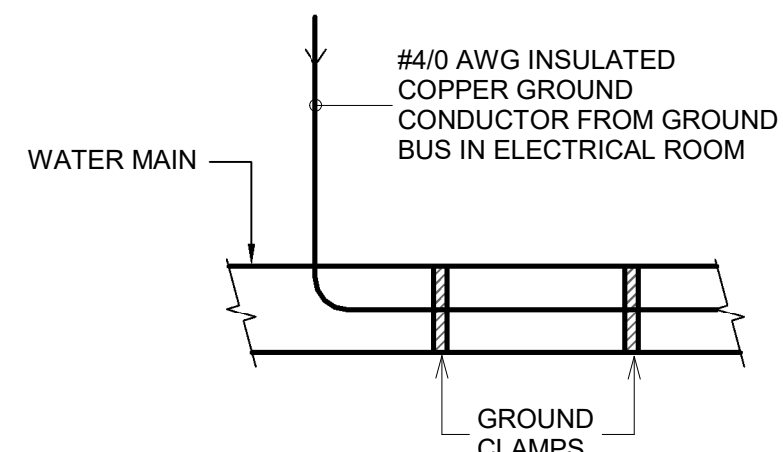
- 1 COPPER GROUND BUS BAR
- 2 CONNECTIONS TO ALL ELECTRICAL EQUIPMENT ENCLOSURES WITHIN ELECTRICAL ROOM (DRY TYPE TRANSFORMERS, PANELS, SWITCHES, SPLITTERS, ETC.)
- 3 CONNECTIONS TO ALL IT EQUIPMENT ENCLOSURES (IT RACKS, SECURITY RACKS, CABLE TRAYS, ETC.)
- 4 CONNECTION TO EXISTING BUILDING GROUNDING SYSTEM
- 5 DEDICATED GROUND TO ELEVATOR MACHINE ROOM DISCONNECT SWITCHES, CONTROLLERS, MACHINES
- 6 MAIN GROUND BUS
- 7 MAIN COMMUNICATION GROUND BUS (PBB - PRIMARY BONDING BUSBAR, SIZE AS PER ELECTRICAL SPECIFICATIONS)
- 8 COMMUNICATION GROUND BUS (SBB - SECONDARY BONDING BUSBAR, SIZE AS PER ELECTRICAL SPECIFICATIONS)



(a) GROUND BUS MOUNTING DETAIL



(b) GROUND BUS DETAIL



(c) ARRANGEMENT AT WATER MAIN

2
E05-01
GROUNDING BUS
SCALE: NTS

1
E05-01
GROUNDING RISER DIAGRAM
N.T.S.