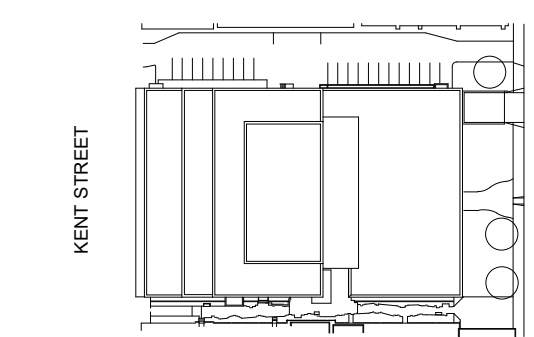


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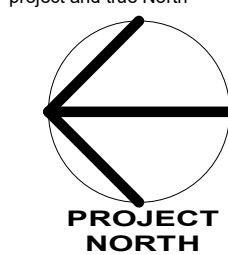
NORR Architects & Engineers Limited
An Ingenium Group Company

175 Bloor St. East
North Tower, 15th Floor
Toronto, ON Canada M4W 3R8
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key plan



project and true North



project legend

THE ASSOCIATION OF
PROFESSIONAL ENGINEERS
OF THE PROVINCE OF
PRINCE EDWARD ISLAND
VALID FOR THE YEAR 2022

P.N. Frasier
No. 2553
DATE: 27 MAY, 2022

LICENSED
PROFESSIONAL ENGINEER
PROVINCE OF
PRINCE EDWARD ISLAND

0 ISSUED FOR TENDER 2022-05-27

revisions date

project project

DANIEL J MACDONALD
MODERNIZATION

161 GRAFTON STREET
CHARLOTTETOWN, PEI, C1A 1L1

drawing design
**FIRE PROTECTION -
MAIN FLOOR NEW
WORK**

designed NORR compu

date 2020-8-31

drawn NORR dessiné

date 2020-8-31

approved PF approuvé

date 2022-05-27

Tender Soumission

PWGSC Project Manager Administrateur de projets TPSCG

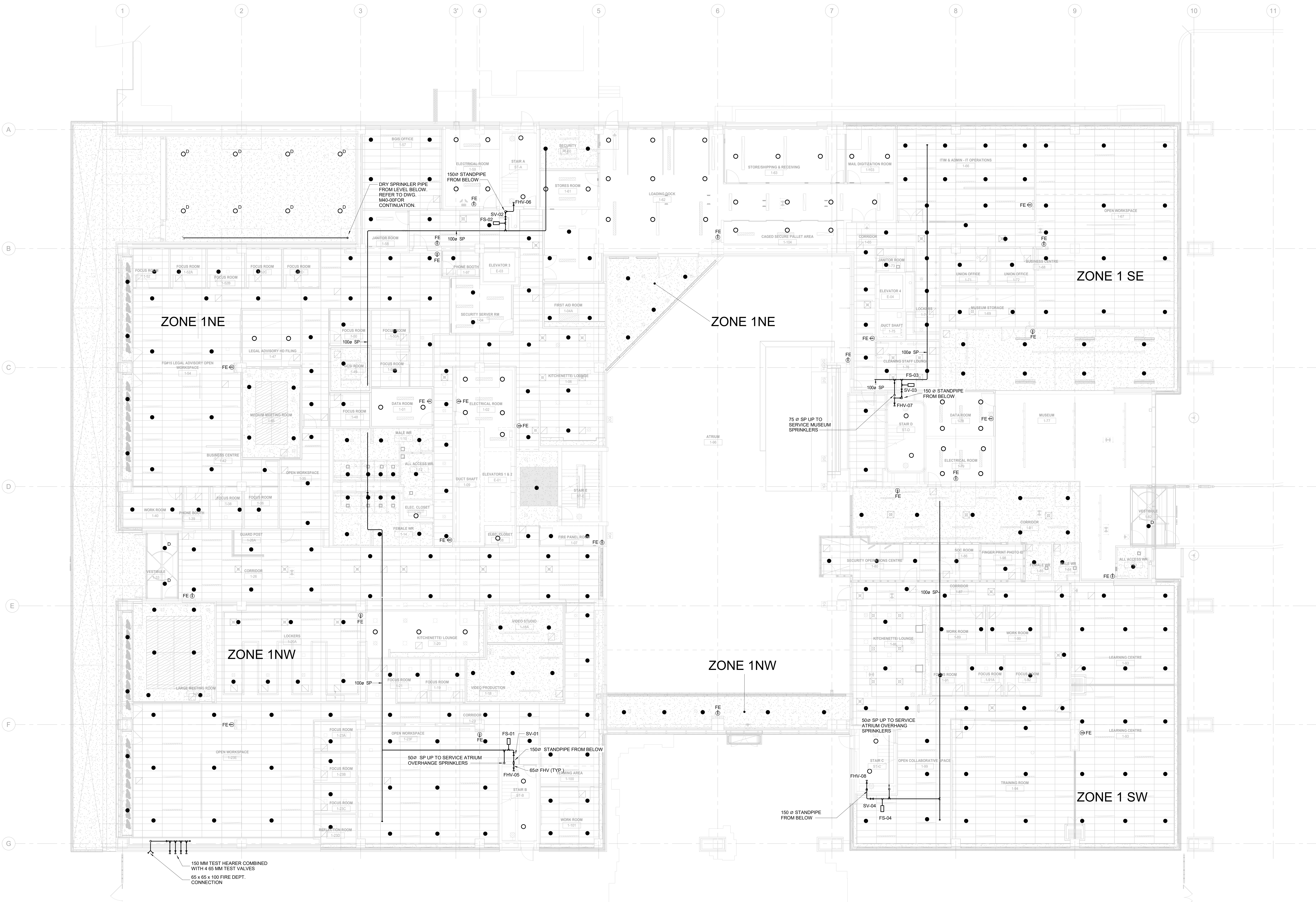
project number no. du projet

R.056687.005

drawing no. no. du dessin

M40-01

E:\PRM\QDD-E: 553185 v1



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M40-01
FIRE PROTECTION MAIN FLOOR
SCALE: 1:100
0m 1m 2m 3m 4m 5m 6m 7m 8m 9m 10m

DRAWING NOTES:

- BUILDINGS SHALL BE ENTIRELY SPRINKLERED ACCORDING TO THE NATIONAL BUILDING CODE OF CANADA (NBC) AND NATIONAL FIRE CODE OF CANADA (NFC), NFPA-10, NFPA-13, NFPA-14 AND NFPA-20.
- SPRINKLER HEAD COUNT, LOCATION, & STYLE SHOWN ARE FOR GENERAL DESIGN PURPOSES ONLY. SPRINKLER CONTRACTOR TO PRICE A COMPLETE & OPERATIONAL SYSTEM AND INCLUDE SUFFICIENT QUANTITIES & STYLES OF HEADS, MATERIALS, PIPE SIZES, FITTINGS, & COMPONENTS FOR AN N.F.P.A 13 COMPLIANT SYSTEM. ANY INFORMATION (E.G., ON EX. SYSTEM) REQUIRED IS TO BE OBTAINED DIRECTLY BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE CONTRACT.
- FIRE PROTECTION ENGINEER TO REVIEW REPORT PRODUCED BY CODE CONSULTANT. ALL ALTERNATIVE SOLUTIONS OUTLINED IN THE FOREMENTIONED REPORT SHALL BE INCORPORATED INTO THE SPRINKLER DESIGN AND SHALL BE REPRESENTED IN SHOP DRAWINGS SUBMITTALS.
- OFFICE TO BE SPRINKLERED TO NFPA-13-2013 LIGHT HAZARD 4.1 MM/MIN OVER 139 SQM.
- MECHANICAL ROOMS TO BE SPRINKLERED TO NFPA-13-2013 ORDINARY HAZARD GROUP 1 1.61 MM/MIN OVER 139 SQM.
- PARKING GARAGE AND STORAGE AREAS TO BE SPRINKLERED TO NFPA-13-2013 ORDINARY HAZARD GROUP 2 2.81 MM/MIN OVER 139 SQM.
- PROVIDE FIRE EXTINGUISHER AS REQUIRED BY NBC 2015 AND NFPA 10-2013.
- PROVIDE CLASS 1 STANDPIPE SYSTEM AS PER NFPA-14-2013.
- COORDINATE CORING WITH OTHER TRADES TO MINIMIZE DISRUPTION TO IMPACTED AREAS.

GENERAL NOTES:

- DRAWINGS SHALL BE READ IN CONJUNCTION WITH ALL FLOOR PLANS AND SPECIFICATIONS.
- ALL EXISTING SERVICES SHOWN ARE APPROXIMATE AND BASED ON EXISTING DRAWINGS. CONTRACTOR SHALL VERIFY ALL LOCATIONS ON SITE.
- CONTRACTOR TO COORDINATE INSTALLATION WITH ALL OTHER TRADES INVOLVED ON SITE.
- ENSURE NOT TO DISTURB SERVICES COVERING AREAS NOT INCLUDED IN THE SCOPE. ALL WORK MUST BE COORDINATED WITH DEPARTMENTAL REPRESENTATIVE.
- CONTRACTOR SHALL VISIT SITE TO EXAMINE EXISTING CONDITIONS.
- CONTRACTOR TO PROPOSE SOLUTIONS FOR REVIEW TO THE CONSULTANT IF ANY INTERFERENCES OCCUR DUE TO SITE CONDITIONS.
- CONTRACTOR TO PROVIDE CONNECTION TO RELOCATED EXISTING EQUIPMENT AND ADDED EQUIPMENT DIRECTLY TO BUILDING HVAC SYSTEM AND UPDATE THE BMS ARCHITECTURE AS REQUIRED.