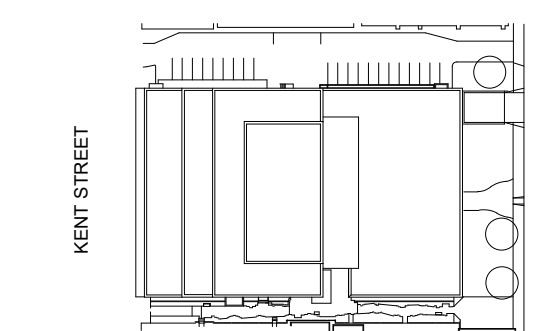


**NORR**

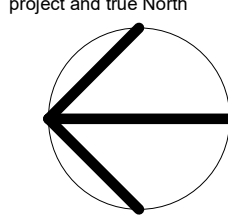
NORR Architects & Engineers Limited  
An Ingenium Group Company

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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  
DANIEL J MACDONALD  
MODERNIZATION

161 GRAFTON STREET  
CHARLOTTETOWN, PEI, C1A 1L1

drawing  
HVAC - PARKING  
LEVEL 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

M50-00

E:\PM\QDD-E: 553185 v1

DRAWING NOTES:

- 300x150 EXHAUST AIR DUCT TO DROP BELOW BEAM, AND RISE AFTER BEAM.
- 900x200 RA DUCT C/W WIRE MESH SCREEN AND BELL MOUTH.
- 700x250 SUPPLY AIR DUCT FROM ABOVE.
- 600x200 EXHAUST AIR DUCT UP, INCLUDE FOR OFFSETS AS REQUIRED.
- PROVIDE SUFFICIENT OCCUPANCY SENSORS TO COVER THE ENTIRE ROOM SPACE.
- 300x150 TRANSFER AIR DUCT C/W MESH SCREEN AND GRILLE IN THE CORRIDOR.
- SMOKE DETECTOR INSTALLED IN SUPPLY AIR DUCT AND CONNECTED TO THE FIRE ALARM SYSTEM. REFER TO ELECTRICAL DRAWINGS. CONNECT FPB-13 TO THE FIRE ALARM SYSTEM. FPB-13 TO SHUT DOWN AUTOMATICALLY UPON SMOKE DETECTION.
- 300x150 TRANSFER AIR DUCT C/W MESH SCREEN AND GRILLE IN THE CORRIDOR.
- FPB-13 SENSOR.
- TERMINATE FLUSH WITH THE WALL C/W MESH SCREEN AND BELLMOUTH.

DRAWING NOTES:

- 250x250 R/A UP TO LEVEL ABOVE. INCLUDE FOR OFFSETS AS REQUIRED.
- 500x250 EA OPEN ENDED AT 500 A.F.F. C/W SCREEN MESH TIGHT TO WALL UP TO JUST BELOW CEILING.
- REFRIGERANT DETECTOR CONTROLLER WALL MOUNTED.
- SF-1 MOUNTED ON VIBRATION ISOLATORS ON FLOOR.
- 600x600 OA DOWN TO FLOOR LEVEL, TIGHT TO THE WALL.

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.
- ALL MATERIAL USED IN THE CEILING SPACE (RETURN AIR PLENUM) SHALL MEET AND EXCEED THE N.B.C REQUIREMENTS FLAME AND SMOKE SPREAD/DEVELOPMENT RATINGS.
- CONTRACTOR TO PROVIDE CONNECTION TO RELOCATED EXISTING EQUIPMENT AND ADDED EQUIPMENT DIRECTLY TO BUILDING HVAC SYSTEM AND UPDATE THE BAS ARCHITECTURE AS REQUIRED.
- CONTRACTOR TO REMOVE ALL MECHANICAL EQUIPMENT AND INSTALL NEW ONES; SALVAGE AND REINSTALL ONLY WHEN SPECIFICALLY INDICATED.
- PROVIDE 25mm THICK ACOUSTIC LINER ON FIRST 3000mm LENGTH OF SUPPLY AIR DUCT FROM ALL DCV AND FPB IF DISCHARGE ATTENUATOR CANNOT BE INSTALLED DUE TO SPACE RESTRICTIONS.
- PROVIDE BALANCING DAMPERS AS REQUIRED FOR COMPLETE BALANCING OF THE SYSTEM. REFER TO DETAILS AND SPECIFICATIONS. NOT ALL THE REQUIRED BALANCING DAMPERS ARE SHOWN ON PLANS.
- ALL THERMOSTATS IN PUBLIC AREAS TO BE EITHER BLANK PLATE-TYPE SENSORS OR PROVIDED WITH PROTECTIVE GUARDS.

1 HVAC PARKING LEVEL

M50-00  
SCALE: 1:100  
0m 1m 2m 3m 4m 5m 6m 7m 8m 9m 10m