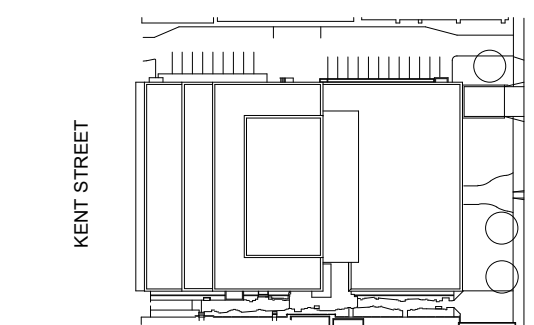


NORR

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

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

project
**DANIEL J MACDONALD
MODERNIZATION**

161 GRAFTON STREET
CHARLOTTETOWN, PEI, C1A 1L1

drawing
**HVAC - THIRD FLOOR
NEW WORK**

designed NORR

date 2020-8-31

drawn NORR

date 2020-8-31

approved NORR

date 2022-05-27

Tender

PW/GSC Project Manager: Administrateur de projets TP/GSC

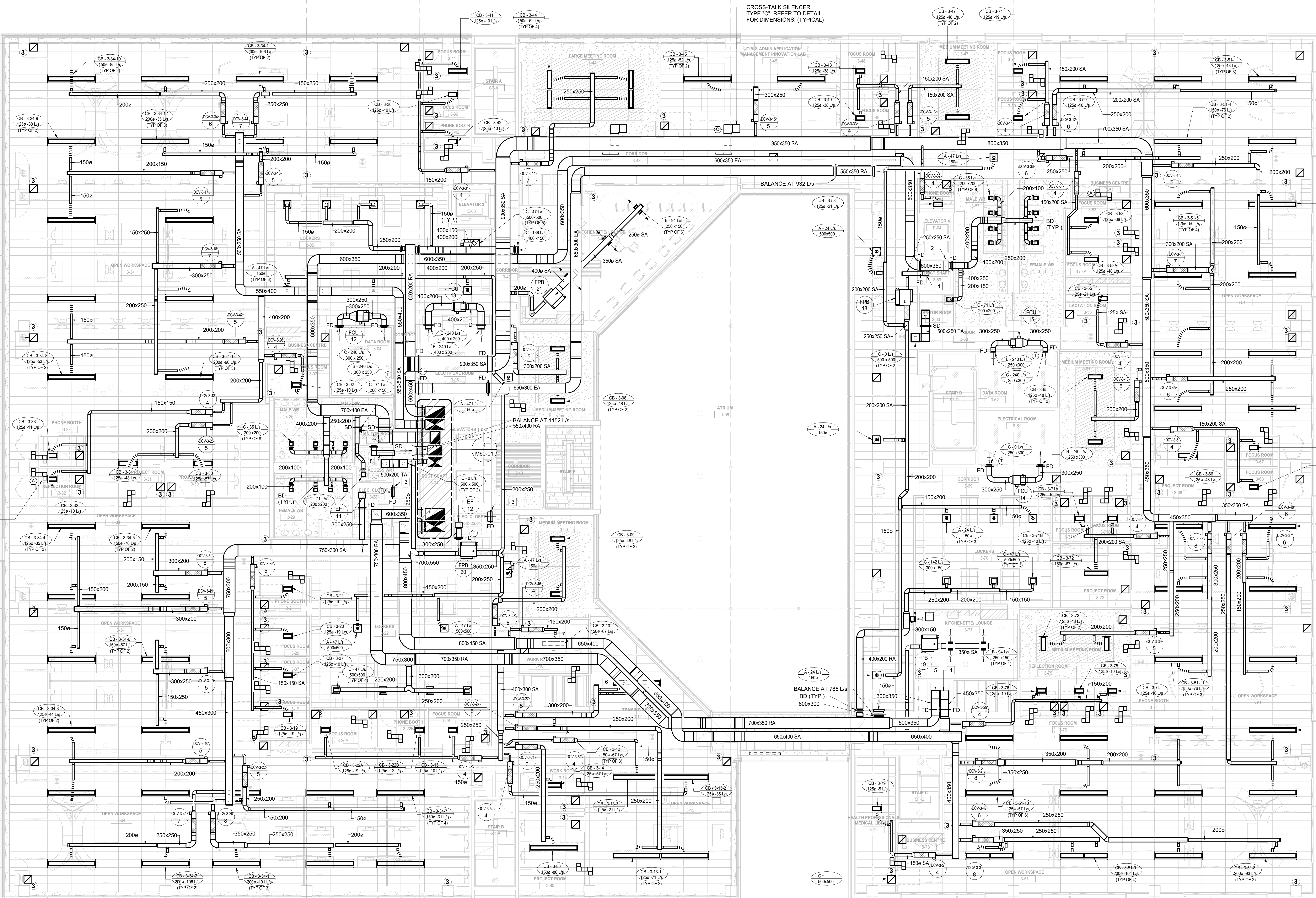
project number

R.056687.005

drawing no.

M50-03

E:\PRM\GDD-E: 553185 v1



CROSS-TALK SILENCER
TYPE 'A' REFER TO DETAIL
FOR DIMENSIONS. (TYPICAL)

1
M50-03
HVAC THIRD FLOOR
SCALE: 1:100

DRAWING NOTES:

- 250x250 SUPPLY AIR DUCT FROM BELOW.
- 600x350 EXHAUST AIR DUCT FROM BELOW.
- 600x200 TRANSFER AIR DUCT C/W WIRE MESH SCREEN.
- 500x350 SUPPLY AIR DUCT DOWN.
- 500x350 RETURN AIR DUCT FROM BELOW.
- SA / RA DUCT TRANSFERS ABOVE CHILLED BEAMS AND DOWN BELOW CONCRETE BEAM.
- SA / RA DUCT OFFSETS ABOVE CHILLED BEAM AND RELATED DUCTWORK.
- 300x150 TA C/W MESH SCREEN.

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 BMS ARCHITECTURE AS REQUIRED.
- CONTRACTOR TO REMOVE ALL MECHANICAL EQUIPMENT AND INSTALL NEW ONES. SALVAGE AND REINSTALL ONLY WHEN SPECIFICALLY INDICATED.
- CHILLED BEAMS DUCT CONNECTION SIZES ARE NOTED ON THE DRAWINGS. REFER TO CHILLED BEAMS SCHEDULE FOR THE CORRECT TYPE OF DUCTWORK - ROUND OR OVAL - FOR EACH CHILLED BEAM.
- PROVIDE 25mm THICK ACOUSTIC LINER ON FIRST 3000mm LENGTH OF SUPPLY AIR DUCT FROM ALL DCV AND FFB 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.