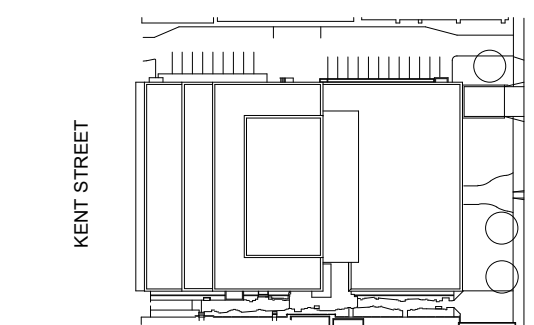


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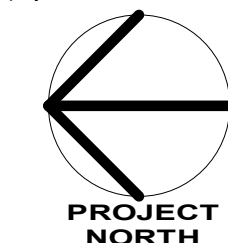
NORR Architects & Engineers Limited
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Key plan



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

ISSUED FOR TENDER 2022-05-27

revisions

project

DANIEL J MACDONALD
MODERNIZATION

161 GRAFTON STREET
CHARLOTTETOWN, PEI, C1A 1L1

drawing

PLUMBING &
DRAINAGE - MAIN
FLOOR NEW WORK

designed NORR

date 2020-8-31

drawn NORR

date 2020-8-31

approved PF

date 2022-05-27

Tender

Submission

PWGSC Project Manager Administrateur de projets TPSCG

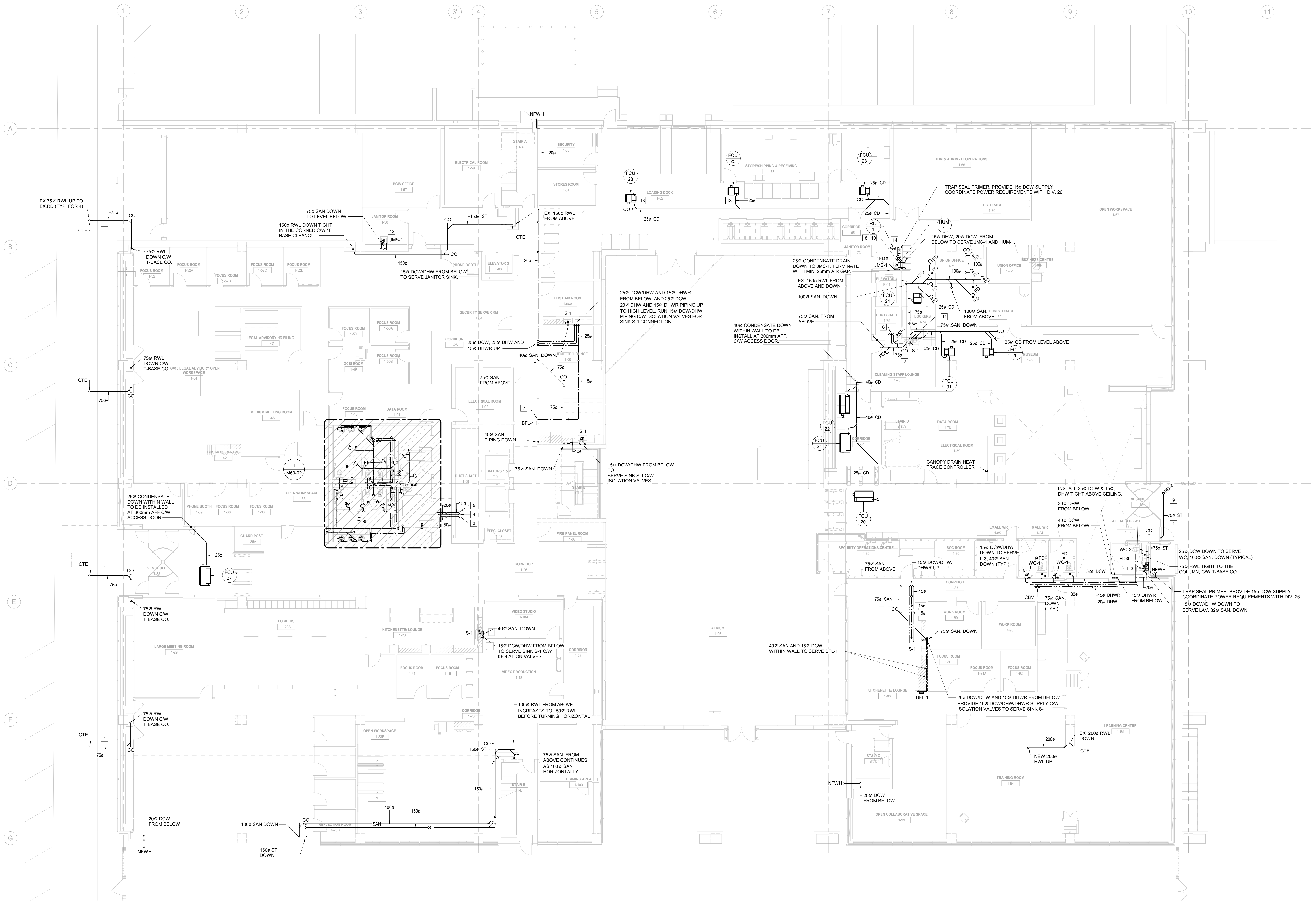
project number

R.056687.005

drawing no.

M20-02

E:\PM\GDD-E: 553185 v1



1 PLUMBING & DRAINAGE MAIN FLOOR
SCALE: 1:100

0m 1m 2m 3m 4m 5m 6m 7m 8m 9m 10m

GENERAL NOTES:

1. DRAWINGS SHALL BE READ IN CONJUNCTION WITH ALL FLOOR PLANS AND SPECIFICATIONS.
2. ALL EXISTING SERVICES SHOWN ARE APPROXIMATE AND BASED ON EXISTING DRAWINGS. CONTRACTOR SHALL VERIFY ALL LOCATIONS ON SITE.
3. CONTRACTOR TO COORDINATE INSTALLATION WITH ALL OTHER TRADES INVOLVED ON SITE.
4. ENSURE NOT TO DISTURB SERVICES COVERING AREAS NOT INCLUDED IN THE SCOPE. ALL WORK MUST BE COORDINATED WITH DEPARTMENTAL REPRESENTATIVE.
5. CONTRACTOR SHALL VISIT SITE TO EXAMINE EXISTING CONDITIONS.
6. CONTRACTOR TO PROPOSE SOLUTIONS FOR REVIEW TO THE CONSULTANT IF ANY INTERFERENCES OCCUR DUE TO SITE CONDITIONS.
7. PROVIDE PLUMBING VENT SYSTEM IN ACCORDANCE WITH CODE REQUIREMENTS. VENT SYSTEM NOT SHOWN. COORDINATE WITH ALL OTHER SERVICES.
8. ALL DRAINAGE PIPING SHOWN ON THE DRAWINGS IS SUGGESTED ONLY AND SHOULD BE CONSIDERED GRAPHICAL IN NATURE AND THE CONTRACTOR MUST INSTALL TO MEET THE CODE.
9. INSTALL ALL PIPING AS HIGH AS POSSIBLE. COORDINATE ROUTING WITH EXISTING LIGHTING FIXTURES.
10. MECHANICAL CONTRACTOR TO X-RAY SCAN SLAB PRIOR TO CORING.

DRAWING NOTES:

1. PROVIDE INSULATION AND HEAT TRACING 15W PER LINEAR METER FROM EXISTING CANOPY DRAIN BODY TO PENETRATION TO INSIDE OF THE BUILDING. PROVIDE PIPE SENSOR, THERMOSTAT AND GFIC PROTECTION.
2. 40ø CONDENSATE DRAIN DOWN WITHIN WALL TO DB. INSTALL AT 300mm A.F.F. C/W ACCESS DOOR. DRAIN (50ø) DB-1 TO 75ø SAN.
3. 75ø DCW FROM BELOW, AND UP.
4. 50ø DHW FROM BELOW, AND UP.
5. 15ø DHWR FROM BELOW AND UP.
6. 65ø DCW, 40ø DHW AND 15ø DHWR FROM BELOW AND UP.
7. 15ø DCW DOWN TO SERVE BOTTLE FILLER STATION BFL-1.
8. PROVIDE 15ø DCW CONNECTION TO HUMIDIFIER C/W SHUT-OFF VALVES AND 5 MICRON FILTER.
9. 75ø ST DRAIN RUNS INSIDE CANOPY AND PENETRATES STRUCTURAL BEAM BEFORE TRANSFERRING TO INSIDE OF THE BUILDING.
10. PROVIDE ALL NECESSARY PIPING AND FITTINGS AND EXTEND STEAM LINE TO DISTRIBUTOR LOCATED IN FCU-24 SUPPLY AIR DUCT. INSTALL AS PER MANUFACTURER INSTALLATION INSTRUCTIONS.
11. 15ø DCW/DHW PIPING DOWN TO SERVE SINK S-1. 40ø SAN, FROM SINK CONNECT TO 75ø SAN, AND DOWN.
12. JMS-1 INSTALLED AT 300 AFF. REFER TO ARCHITECTURAL DRAWINGS FOR DETAILS. INSTALL TRAP AT THIS LEVEL AND RUN DRAIN THROUGH CASE AS INDICATED.
13. PROVIDE CONDENSATE PUMP TO ACCOMMODATE CONDENSATE DRAIN REQUIRED SLOPING.
14. PROVIDE 15ø DCW SUPPLY TO RO-1. PROVIDE DRAIN AND ROUTE TO JMS-1.