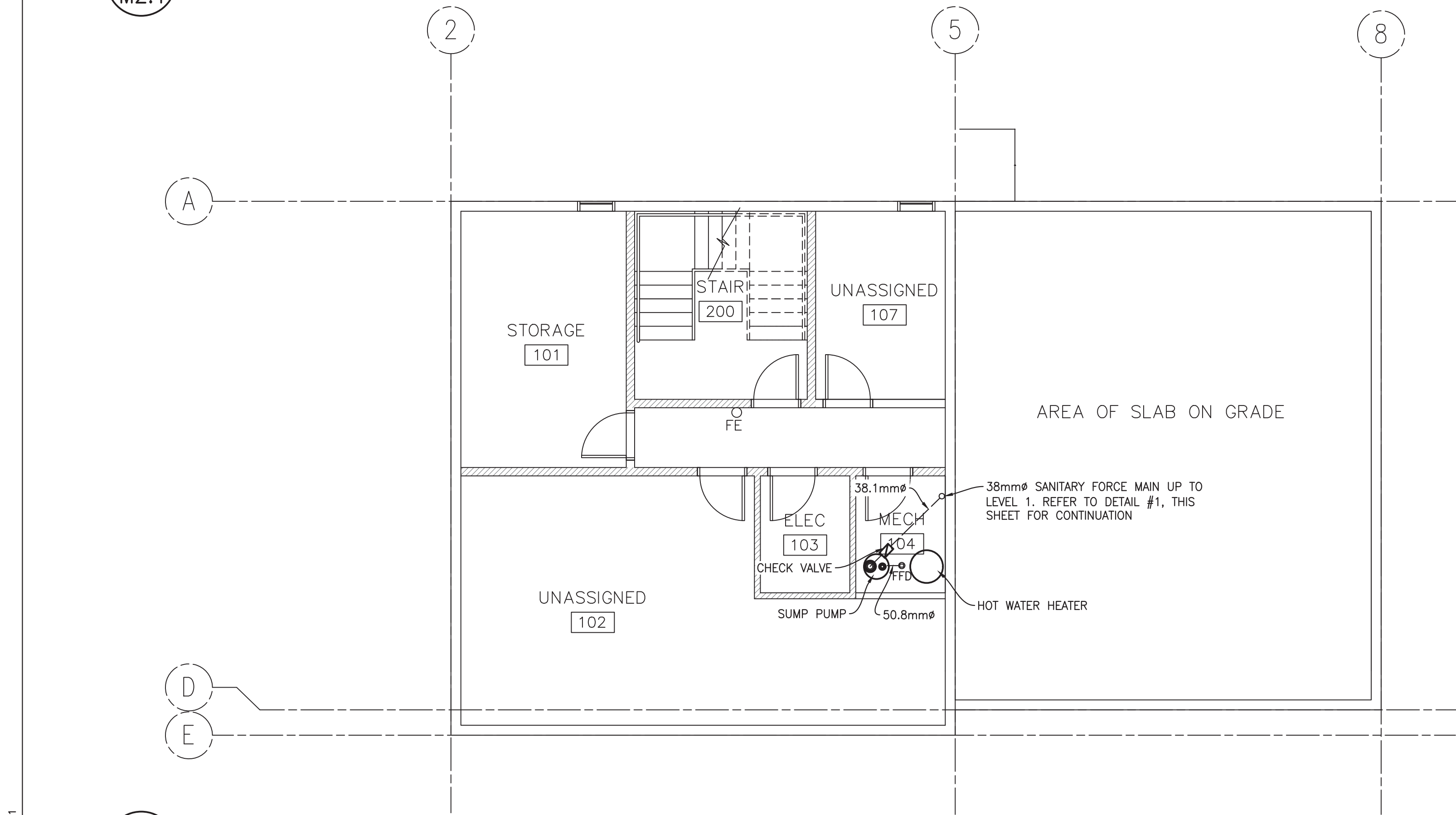


1 SANITARY LAYOUT – MAIN FLOOR
M2.1 SCALE: 1:70



2 SANITARY LAYOUT – BASEMENT
M2.1 SCALE: 1:70

GENERAL NOTES: PLUMBING
THE DRAWINGS ARE DIAGRAMMATIC AND INDICATE GENERAL LOCATIONS FOR PLUMBING FIXTURES AND EQUIPMENT PIPING CONNECTIONS. THIS CONTRACTOR SHALL VERIFY ALL EQUIPMENT AND FIXTURE LOCATIONS ON SITE PRIOR TO INSTALLATION. USE MANUFACTURE'S SPECS AND TEMPLATES FOR ALL PIPING CONNECTIONS TO PLUMBING FIXTURES AND EQUIPMENT PER SCHEDULE.

THE COMPLETE INSTALLATION OF THE PLUMBING SYSTEMS SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF ALL APPLICABLE CODES AND STANDARDS.

ALL VENT PIPING SHALL BE INSTALLED IN ACCORDANCE WITH THE CANADIAN PLUMBING CODE. THIS CONTRACTOR SHALL SUBMIT TO THE LOCAL AUTHORITY HAVING JURISDICTION FOR REVIEW OF THE PROPOSED VENT PIPING AND STACK RISER ARRANGEMENTS. THE LOCAL AUTHORITY HAVING JURISDICTION SHALL APPROVE PRIOR TO INSTALLATION.

VENT SYSTEM MUST TERMINATE MIN. 12" ABOVE ROOF LEVEL, MINIMUM 10 FEET FROM ANY OPENINGS OR AIR INTAKES.

THIS CONTRACTOR SHALL PROVIDE ALL LABOUR, MATERIALS, TOOLS, ETC. REQUIRED FOR THE COMPLETE INSTALLATION OF THE PLUMBING SYSTEMS AS SHOWN.

THIS CONTRACTOR SHALL PROVIDE ALL REQUIRED CLEARANCES AS RECOMMENDED BY MANUFACTURER TO ALLOW FOR PROPER OPERATION AND SERVICING OF ALL MECHANICAL EQUIPMENT.

ALL PENETRATIONS THROUGH ROOF AND/OR FLOOR SLAB SHALL BE WEATHER-TIGHT AND SEALED WITH WATERPROOF GROUTING COMPOUND.

ALL PIPING SHALL BE RUN CONCEALED IN WALLS, CEILING, BULKHEADS, WITHIN JOIST SPACE, AND FURRED OUT PIPE CHASES UNLESS OTHERWISE INDICATED.

ALL PIPING SHALL BE PROPERLY SUPPORTED WITH PROPER PIPE HANGERS SECURELY ATTACHED TO THE BUILDING STRUCTURE. PIPING SHALL NOT BE SUPPORTED FROM THE ROOF DECK.

VALVES AND UNIONS SHALL BE INSTALLED AS NECESSARY TO ALLOW FOR ISOLATION AND SERVICING OF MECHANICAL EQUIPMENT. PROVIDE ACCESSIBLE ISOLATION VALVES FOR DOMESTIC SUPPLY PIPING TO ALL PLUMBING FIXTURES.

THIS CONTRACTOR SHALL CONDUCT A SITE SURVEY TO VERIFY ALL LOCATIONS ON SITE PRIOR TO INSTALLATION AND MODIFICATIONS AND TO DETERMINE THE EXTENT OF SYSTEM ALTERATIONS.

ALL PENETRATIONS THROUGH FIRE RATED SEPARATIONS SHALL BE SEALED WITH AN APPROVED FIRE STOPPING TO MAINTAIN THE INTEGRITY AND RATING OF THE ASSEMBLY AND INSTALLED IN ACCORDANCE WITH NFPA.

PROVIDE TRAP SEAL PRIMERS TO PRIME ALL TRAPS AND FLOOR DRAINS.

GROUP 1/2"Ø TRAP SEAL PRIMER LINES AT CENTRAL LOCATIONS FOR CONNECTION TO TRAP SEAL PRIMER MANIFOLD OR DISTRIBUTION UNIT. CONNECT PRIMER LINES TO ALL UNDERSLAB TRAPS. ENSURE THAT TRAP PRIMER LINES ARE STUBBED UP ABOVE FLOOR AND NOT INSIDE FUTURE FIRE RATED WALLS.

PLUMBING CONTRACTOR SHALL FIELD COORDINATE EXACT PIPE ROUTING WITH ALL CONSTRUCTION TRADES PRIOR TO INSTALLATION.

ALL PLUMBING FIXTURES WATER SUPPLY PIPING SHALL BE VALVED AT SUPPLY BRANCH. BRANCH SHUT-OFF VALVES SHALL BE INSTALLED NO HIGHER THAN 12 INCH ABOVE CEILING TO BE ACCESSIBLE FOR MAINTENANCE PURPOSES. PROVIDE ACCESS PANELS AS NEEDED.

COORDINATE WATER LINES WITH ELECTRICAL CONTRACTOR, PIPING SHALL NOT BE ROUTED OVER ELECTRICAL PANELS, EQUIPMENT OR CLEAR WORKING SPACE.

CONTRACTOR SHALL INSTALL ALL NECESSARY WALL AND/OR FLOOR CLEANOUTS TO BE ACCESSIBLE FOR MAINTENANCE PURPOSES. CONTRACTOR SHALL COORDINATE EXACT LOCATION WITH LATEST FIXTURE PLANS PRIOR TO STARTING ANY WORK. PROVIDE ACCESS DOORS WHERE REQUIRED.

ALL PIPING AND SHUT-OFF VALVES SHALL BE COPPER.

UNDERSLAB HORIZONTAL CONNECTIONS OF VENT PIPING TO WASTE SEWER SYSTEM SHALL NOT BE ALLOWED, CONTRACTOR SHALL INSTALL WASTE AND VENT PIPING AS REQUIRED PER APPLICABLE CODES. REFER TO DETAIL ON PLUMBING DETAILS SHEET FOR MORE INFORMATION.

CONTRACTOR SHALL COORDINATE EXACT LOCATION OF VENTS THROUGH ROOF WITH ALL CONSTRUCTION TRADES PRIOR TO INSTALLATION.

ON COMPLETION OF PROJECT, SUBMIT THREE (3) HARD COVER "OPERATING AND MAINTENANCE MANUALS" FOR APPROVAL. THE MANUALS SHALL CONTAIN AN INDEX PAGE AND TABBED DIVIDER PAGES, A LIST OF THE SUPPLIER'S NAMES, ADDRESSES AND TELEPHONE NUMBERS, OPERATING AND MAINTENANCE INSTRUCTIONS FOR ALL EQUIPMENT, COPIES OF TEST CERTIFICATES, ETC. AND INCLUDING A COMPLETE SET OF "APPROVED SHOP DRAWINGS".

ALL DOMESTIC COLD, AND HOT PIPING SHALL BE THERMALLY INSULATED. EXPOSED PIPING INSULATION SHALL BE COVERED WITH WHITE PVC JACKETING.

ALL DOMESTIC COLD AND HOT PIPING LOCATED ALONG AN EXTERIOR WALL SHALL BE INSULATED IN FURRED OUT WALL.

PLUMBING LEGEND

- NEW SANITARY
- DOMESTIC COLD WATER
- DOMESTIC HOT WATER
- CO + FLOOR CLEANOUT
- CO || WALL CLEANOUT
- FD + FLOOR DRAIN
- ⊠ CHECK VALVE
- ⊠ BACKFLOW PREVENTER
- ⊠ ISOLATION VALVE

THIS DRAWING IS PROVIDED TO REFLECT THE GENERAL EXTENT OF WORK AND AS SUCH DOES NOT NECESSARILY INDICATE THE ENTIRE SCOPE OF WORK. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH RELATED ARCHITECTURAL, STRUCTURAL, ELECTRICAL AND/OR MECHANICAL DRAWINGS/DETAILS, SPECIFICATIONS, TENDER AND/OR OTHER CONTRACT DOCUMENTS, AS APPLICABLE.

THIS DRAWING AND ITS RELATED DESIGNS, CALCULATIONS AND SPECIFICATIONS ARE INSTRUMENTS OF PROFESSIONAL SERVICE FOR THE EXECUTION OF THE WORK ON THIS PROJECT ONLY. THIS DRAWING SHALL NOT BE USED FOR ANY OTHER PROJECT WITHOUT THE EXPRESS WRITTEN CONSENT OF THE ENGINEER. THE ENGINEER ACCEPTS NO RESPONSIBILITY FOR LOSSES, DAMAGES OR COSTS ARISING OUT OF ANY USE OR REUSE OF THIS DRAWING NOT SPECIFICALLY AUTHORIZED BY THE ENGINEER IN WRITING.

"RECORD" OR "AS-BUILT" VERSIONS OF THIS DRAWING ARE BASED ON INFORMATION PROVIDED BY OTHERS AND THE ENGINEER NEITHER EXPRESSLY NOR IMPLICITLY WARRANTS THE ACCURACY OR COMPLETENESS OF SAID DOCUMENTS.

EXCEPT AS MAY BE CERTIFIED OTHERWISE IN WRITING BY THE ENGINEER, ONLY THE REPRODUCIBLE HARD COPY BEARING THE ENGINEER'S SEAL AND ORIGINAL SIGNATURE SHALL CONSTITUTE THE ORIGINAL OF THIS DRAWING.

THIS DRAWING IS NOT TO BE SCALED. OBTAIN ACCURATE DIMENSIONS FROM ARCHITECTURAL DRAWINGS OR SITE MEASUREMENTS.

63 Fitzroy Street
P.O. Box 1719
Charlottetown PE
Canada C1A 1R4
Ph: (506) 635-4449
Fax: (506) 635-0206
architect@fgy.com
Web: www.fgy.com

FUNDY Engineering

27 Wellington Row
P.O. Box 6026
Saint John, NB
E2L 4S1
Tel: (506) 635-1566
Fax: (506) 635-0206
fundy@fundyeng.com
www.fundyeng.com
Serving Our Clients' Needs First



4	ISSUED FOR TENDER	05/08/2017
3	99% DESIGN REVIEW	04/10/2017
2	99% DESIGN REVIEW	01/18/2017
1	DESIGN DEVELOPMENT	11/01/2016
0	ISSUED FOR REVIEW	09/09/2016
revisions		date

project projet

**WEST GATE ENTRANCE
VISITOR RECEPTION CENTER
WOLFE LAKE
FUNDY, NB
ALBERT COUNTY**

drawing dessin
**SANITARY SYSTEM
PLANS**

designed RSG conçu

date JAN. 18/17

drawn KDL dessiné

date JAN. 18/17

approved approuvé

date

Tender Soumission

PWGSC Project Manager Administrateur de projets TPSGC

project number no. du projet

R.075853.001

drawing no. no. du dessin

M2.1