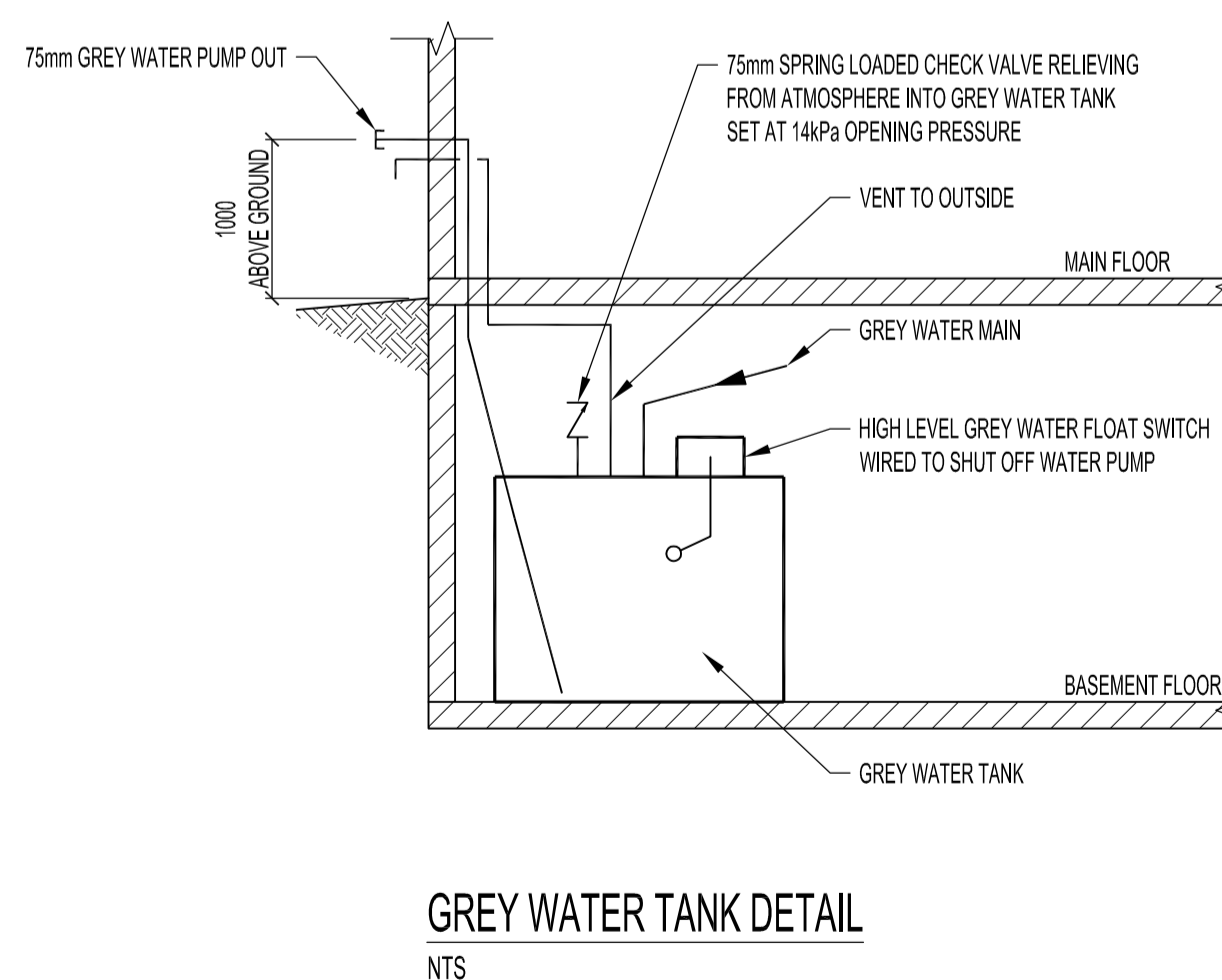
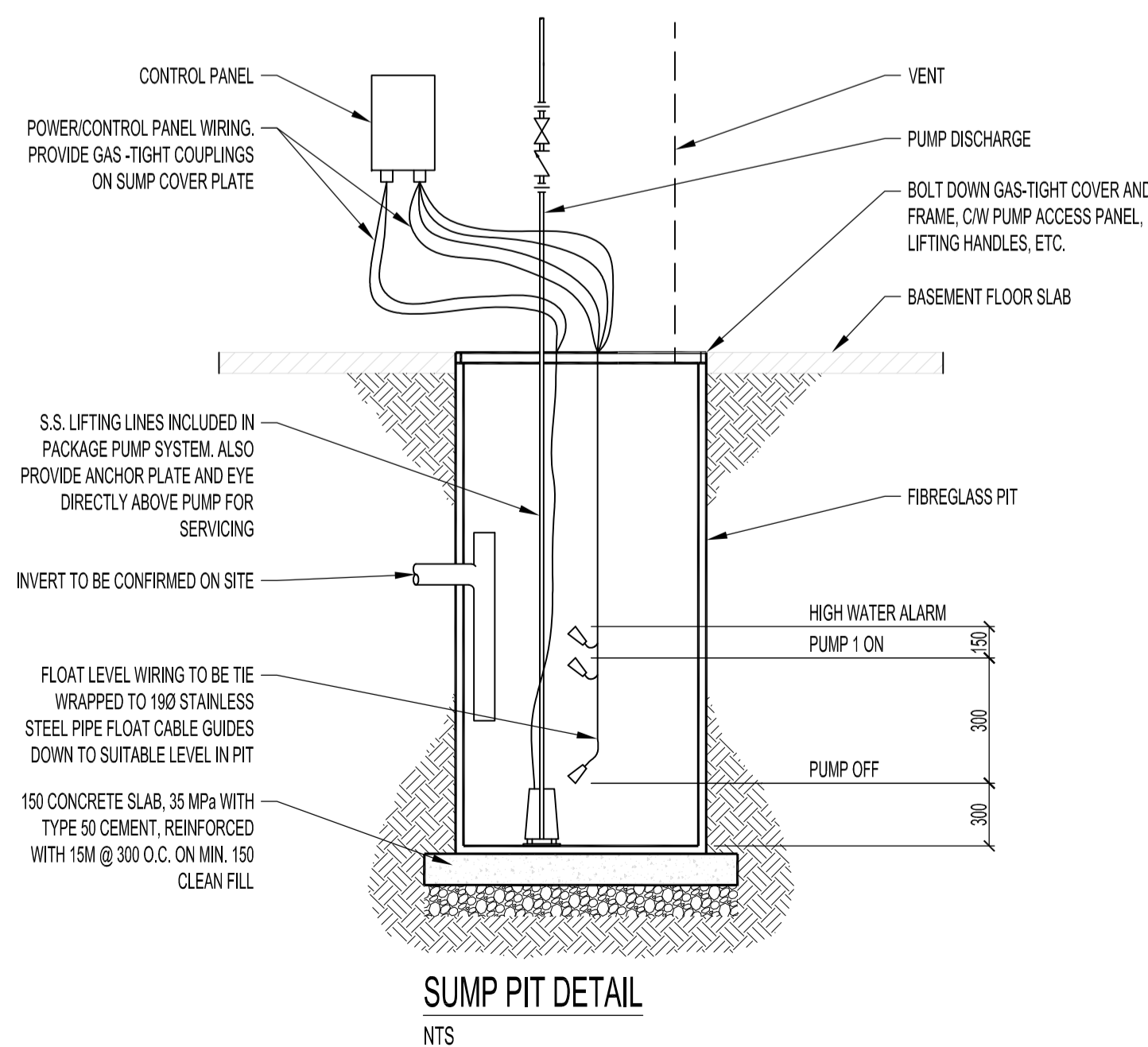
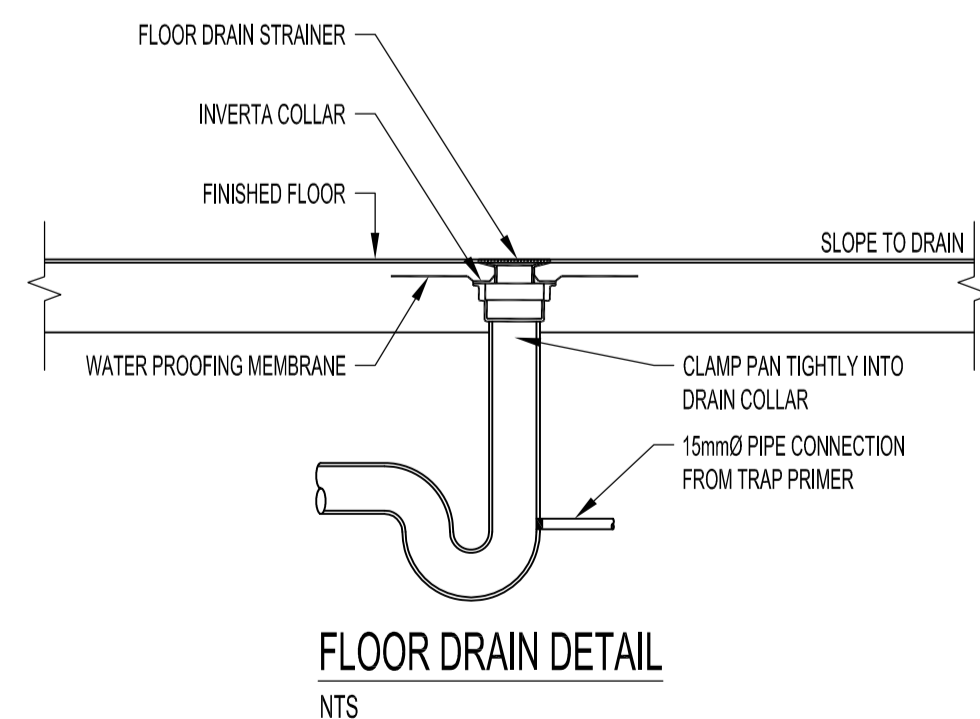


BASEMENT SANITARY DRAIN AND VENT NOTES:

- 1 100mm PVC COMPOSTER EXHAUST PIPE UP. INSTALL AS PER MANUFACTURERS RECOMMENDATIONS.
- 2 75mm OVERFLOW UP TO MAIN FLOOR - GRADE BACK TO DOMESTIC WATER TANK WT-1.
- 3 50mm SUMP PIT DISCHARGE TO GREY WATER TANK.
- 4 100mm SANITARY DRAIN FROM MAIN FLOOR. REFER TO DRAWING M4 FOR CONTINUATION.
- 5 75mm GREY WATER PUMP OUT UP TO MAIN FLOOR - GRADE BACK TO GREY WATER TANK WT-2.
- 6 75mm VENT PIPE UP TO MAIN FLOOR.
- 7 PROVIDE AND INSTALL 50mm WASHER STANDPIPE DRAIN AS PER PLUMBING CODE.
- 8 50mm WEEPING TILE SUMP PIT DISCHARGE UP TO MAIN FLOOR.
- 9 100mm PVC RADON EXHAUST PIPE C/W RADON EXHAUST FAN UP TO MAIN FLOOR. FOR RADON SYSTEM, REFER TO GENERAL NOTES ON THIS DRAWING.
- 10 75mm VENT UP TO MAIN FLOOR.
- 11 PLUMBING VENT UP TO MAIN FLOOR.

BASEMENT SANITARY DRAIN AND VENT PLAN
 SCALE 1:100



NOTES:

THESE DRAWINGS SHALL NOT BE SCALED.

THIS DRAWING IS DIAGRAMATIC ONLY. CONTRACTOR TO COORDINATE EXACT LOCATIONS OF AND ROUTING ON SITE WITH ALL NEW SYSTEMS.

THE CONTRACTOR SHALL VISIT THE SITE AND SATISFY ONESELF ALL DIMENSIONS, DATUM, AND DETAILED INFORMATION SHOWN ARE CORRECT.

THE CONTRACTOR IS TO REVIEW AND COORDINATE ALL ARCHITECTURAL, MECHANICAL, ELECTRICAL AND STRUCTURAL DRAWINGS FOR ADDITIONAL OPENINGS THROUGH FLOORS, WALLS, AND CEILINGS FOR DUCT, PIPE & ELECTRICAL RISERS AND ALL OPENINGS NOT SHOWN ON DRAWINGS.

ALL OPENINGS THROUGH FIRE ASSEMBLIES ARE TO BE FIRE STOPPED AND SEALED WITH ULC APPROVED FIRE STOPPING TO MAINTAIN THE INTEGRITY OF THE FIRE SEPARATION, AND PROVIDE A SMOKE-TIGHT BARRIER.

ALL PRODUCTS AND MATERIALS TO BE USED AND INSTALLED SHALL CONFORM WITH MANUFACTURER'S SPECIFICATIONS & APPLICABLE CODES.

ALL VENT PIPING TO BE INSTALLED IN ACCORDANCE WITH NATIONAL PLUMBING CODE AND MANITOBA PLUMBING CODE REQUIREMENTS.

DO NOT SCALE DRAWINGS. CONTRACTOR SHALL VERIFY ALL DIMENSIONS PRIOR TO INSTALLATION AND REPORT ANY DISCREPANCY TO THE ENGINEER.

CONTRACTOR SHALL PERFORM COORDINATION BETWEEN TRADES AS REQUIRED FOR INSTALLATION OF MECHANICAL SYSTEMS WHERE ROUTING OF PIPING OR ADDITIONAL WORK REASONABLY INCIDENTAL TO ORIGINAL DESIGN INTENT IS REQUIRED DUE TO SITE CONDITIONS, IT SHALL BE DONE AT NO ADDITIONAL COST.

PROVIDE TRAP PRIMING IN ACCORDANCE WITH NATIONAL PLUMBING CODE AS WELL AS LOCAL AUTHORITY HAVING JURISDICTION.

RADON MITIGATION SYSTEM

1. A CERTIFIED RADON MITIGATION CONTRACTOR SHALL BE HIRED TO INSTALL AND TEST THE RADON MITIGATION SYSTEM. TO FIND A CERTIFIED MITIGATOR, CONTACT THE CANADIAN NATIONAL RADON PROFICIENCY PROGRAM (C-NRPP) AT 1-855-722-6777 OR INFO@C-NRPP.CA, THE CANADIAN ASSOCIATION OF RADON SCIENTISTS AND TECHNOLOGISTS (CARST) AT INFO@CARST.CA OR HEALTH CANADA AT RADON@HC-SC.GC.CA.
2. THE WORK SHALL BE CONDUCTED IN ACCORDANCE WITH GENERALLY ACCEPTED ENGINEERING OR SCIENTIFIC PRACTICE CURRENTLY IN WINNIPEG AREA.
3. COMPLETE GROUND SEALING IN THE BASEMENT AS REQUIRED. THIS INCLUDE SEALING OF THE PERIMETER COLD JOINT, SEALING ALL TELEPOSTS AND EXPOSED FOOTINGS, SEALING ALL PLUMBING CLEANOUTS, FLOOR DRAINS, AND STACK LOCATIONS, AND INSTALL SUMP PIT LIDS AIRTIGHT TO CONCRETE.
4. A FIVE INCH HOLE WILL BE CORED THROUGH THE SLAB IN THE MECHANICAL ROOM AS INDICATED. UNDERLYING SOIL/FILL WILL BE REMOVED DIRECTLY UNDER THE CORED CONCRETE SECTION TO CREATE A SMALL POROUS PIT.
5. FOUR INCH SCHEDULE 40 PVC VENTILATION PIPING WITH RUBBERIZED FITTINGS AND STEEL CLAMPS WILL BE INSTALLED, WITH CONCRETE GROUT BEING APPLIED TO SEAL THE SUB-SLAB PENETRATION IN THE BASEMENT. LABELS WILL BE PLACED AT VARIOUS LOCATIONS ON THE PVC PIPING USED, INDICATING THE PIPES ARE PART OF A RADON MITIGATION SYSTEM.
6. A FANTECH RADON EXHAUST FAN WILL BE INSTALLED. THE RADON EXHAUST FAN IS INTENDED TO RUN CONSTANTLY. A U-TUBE MANOMETER WILL BE APPLIED ON THE SUCTION SIDE OF THE FAN TO PROVIDE AN INDICATION THAT THE SYSTEM IS FUNCTIONING PROPERLY AFTER INSTALLATION.
7. TO VENT THE SYSTEM PROPERLY, THE OUTDOOR EXHAUST OPENING SHALL BE 1000MM ABOVE GROUND.
8. A CONTINUOUS RADON MONITOR (CRM) WHICH COLLECTS HOURLY RADON CONCENTRATION MEASUREMENTS TO ASSESS AND DOCUMENT RADON LEVEL.

No.	REVISION/DESCRIPTION	BY	DATE
0	ISSUED FOR CONSTRUCTION	JAW	MAR 20 2017



DRAWN	CHECKED	DESIGNED	APPROVED
JAW	XYW	XYW	XYW

DATE: 2016.08.25
 USER APPROVAL

THE CITY OF WINNIPEG
 PLANNING, PROPERTY AND
 DEVELOPMENT DEPARTMENT
 MUNICIPAL ACCOMMODATIONS DIVISION
 3-65 GARRY STREET, R3C 4K4

PROJECT
 BRADY ROAD LANDFILL
 ADMINISTRATION BUILDING
 DEVELOPMENT FOR BRADY LANDFILL
 1777 BRADY ROAD

SHEET TITLE
 BASEMENT SANITARY DRAIN AND VENT PLAN

SCALE	PROJECT No:	SHEET No:
AS SHOWN	2015-037	M3