



MAIN FLOOR PLAN - SANITARY
SCALE: 1:100

DRAWING NOTES

- 1 PROVIDE AND INSTALL NEW OIL INTERCEPTOR APPROXIMATELY AS SHOWN. INSTALL IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS. COORDINATE INVERTS ON SITE.
- 2 INDEPENDENT VENT LINE TO EXTEND THROUGH ROOF FROM UNIT CONNECTIONS AS SHOWN. LINES TO RUN ON WARM SIDE OF INSULATION WITHIN PERIMETER WALL. INSULATE LINES A MINIMUM OF 10'-0" BACK FROM ROOF PENETRATION.
- 3 PROVIDE AND INSTALL NEW SEDIMENT INTERCEPTOR AS SHOWN. EXACT LOCATION TO BE COORDINATED WITH STRUCTURAL. INSTALL IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS. COORDINATE INVERTS ON SITE.
- 4 SANITARY LINE TO DROP DOWN WITHIN EXTERIOR WALL AS SHOWN ON WARM SIDE OF INSULATION. EXACT LOCATION TO BE COORDINATED ON SITE.
- 5 VENT LINE TO RISE UP WHERE SHOWN FOR CONNECTION TO COMBINED VENT AT HIGH LEVEL.
- 6 VENT LINE TO EXTEND THROUGH ROOF C/W INCREASER AT ROOF LINE. EXACT LOCATION TO BE COORDINATED ON SITE.
- 7 SANITARY SERVICES BY CIVIL. REFER TO CIVIL DRAWINGS.

GENERAL NOTES - PLUMBING

1. MECHANICAL CONTRACTOR SHALL VERIFY EXACT LOCATIONS, SIZES, INVERTS, ETC. PRIOR TO COMMENCEMENT OF WORK. VERIFY ALL CONNECTION POINTS ON SITE.
2. MECHANICAL CONTRACTOR SHALL ALLOW IN HIS TENDER QUOTATION FOR ALL REQUIRED MODIFICATIONS TO EXISTING SYSTEMS (I.E.) RE-ROUTING OF EXISTING PIPING AS DEEMED NECESSARY DUE TO RENOVATION WORK.
3. REFER TO ARCHITECTURAL, ELECTRICAL & STRUCTURAL DRAWINGS FOR COORDINATION PURPOSES.
4. MECHANICAL CONTRACTOR SHALL CAREFULLY REMOVE & RELOCATE EXISTING EQUIPMENT AS PER OWNER'S REQUIREMENTS.
5. ALL CUTTING & PATCHING OF FLOOR SLABS, WALLS ETC. TO BE PERFORMED BY GENERAL CONTRACTOR.
6. ALL VENT PIPING TO BE INSTALLED AS PER CODE.
7. PROVIDE ISOLATION VALVES ON ALL FIXTURES OR FIXTURE GROUP.
8. PROVIDE SURESEAL TRAP SEAL TO ALL FLOOR/HUB DRAINS.
9. PROVIDE AUTOMATIC AIR VENTS AT ALL HIGH POINTS OF SYSTEM.
10. ALL DOMESTIC WATER LINES TO BE INSULATED TO MANITOBA HYDRO POWER SMART REQUIREMENTS AND (MANITOBA) NATIONAL ENERGY CODE FOR BUILDINGS REQUIREMENTS.
11. ALL WORK SHALL COMPLY IN EVERY RESPECT WITH ALL NATIONAL, PROVINCIAL AND LOCAL CODES AND BY-LAWS, WHICH SHALL BE CONSIDERED PART OF THE SPECIFICATION. IN THE CASE OF CONFLICTING REQUIREMENTS, BE GOVERNED BY THE MOST STRINGENT REGULATIONS.
12. THE MECHANICAL CONTRACTOR SHALL INSTALL PLUMBING SYSTEMS IN COMPLETE ACCORDANCE WITH THE RECOMMENDATIONS OF THE NATIONAL/PROVINCIAL BUILDING CODE, LOCAL PLUMBING CODES, AND MANITOBA OFFICE OF THE FIRE COMMISSIONER REQUIREMENTS.
13. ALL INSULATING MATERIALS, METHODS, SIZES AND TYPES OF INSULATION FOR ALL PIPING SHALL BE INSTALLED TO THE REQUIREMENTS OF THE ASHRAE STANDARDS 90.1-2010 "ENERGY STANDARD FOR BUILDING EXCEPT LOW-RISE RESIDENTIAL BUILDING", STANDARD 90.2 "ENERGY EFFICIENT DESIGN OF LOW-RISE RESIDENTIAL BUILDINGS", THERMAL INSULATION ASSOCIATION OF CANADA (TAC) STANDARDS AND MANITOBA ENERGY CODE FOR BUILDINGS REQUIREMENTS.
14. GAS PIPING SHALL BE BLACK STEEL PIPE, EQUAL TO ASTM A-53 SCH. 40 WITH 150 LBS. STANDARD BLACK MALLEABLE IRON SCREWED FITTINGS. ALL WORK SHALL COMPLY WITH C.G.A. B149.1-10 "NATURAL GAS AND PROPANE INSTALLATION CODE", COMPLETE WITH DEPARTMENT OF LABOUR GAS NOTICES, AND SHALL BE PERFORMED BY FULLY QUALIFIED GAS FITTERS AND/OR WELDERS LICENSED TO PRACTICE IN THE PROVINCE OF MANITOBA.
15. PROVIDE DI-ELECTRIC COUPLINGS ON ALL PIPING CONNECTIONS TO HOT WATER TANKS.
16. PROVIDE APPROPRIATE FIRE-STOPPING MEASURES ON ALL PIPING PENETRATING FIRE SEPARATIONS. SUBMIT SHOP DRAWINGS FOR REVIEW. ACCEPTABLE PRODUCT: HILTI, OR EQUAL.
17. INSULATE VENT PIPING BACK 10'-0" (3.0 M) FROM ROOF PENETRATIONS IN ALL DIRECTIONS.
18. COORDINATE MOUNTING HEIGHT OF ALL FIXTURES ARCHITECTURAL ELEVATIONS.
19. ALL SANITARY WASTE & VENT PIPING AND DOMESTIC WATER PIPING SHALL BE CAPABLE OF MEETING OR EXCEEDING THE FLAME SPREAD RATING OF 25 AND DEVELOPED SMOKE RATING OF 50, AND BE SUITABLE FOR INSTALLATION IN AIR PLENUMS.
20. ALL CONTROL / ELECTRICAL WIRING TO MEET FLAME SPREAD RATING OF 25, DEVELOPED SMOKE RATING OF 50 AND BE RATED FOR USE IN PLENUMS.

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0	2017-07-06	ISSUED FOR CONSTRUCTION
No.	DATE	REVISION / ISSUANCE



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Project
**BID OPPORTUNITY 450-2017
KILDONAN PARK
MAINTENANCE BUILDING**

Sheet Title
**SANITARY
PLUMBING**

APEGM
Certificate of Authorization
Nova 3 Engineering Ltd.
No.962 Date: 2017/07/06

Project No. 1559
Date JULY 6, 2017
Sheet **M1.0**