

1 DOMESTIC WATER 2nd FLOOR
M-3.7 SCALE: 1:100

GENERAL NOTES:

- MECHANICAL CONTRACTOR SHALL VERIFY EXACT LOCATIONS, SIZES, INVERTS, ETC. PRIOR TO BID CLOSE. VERIFY ALL CONNECTION POINTS ON SITE. PROVIDE FOR ALL NECESSARY REVISIONS TO ACCOMMODATE INTENT OF DESIGN AND INCLUDE ALL WORK IN YOUR BID. NO EXTRAS WILL BE ALLOWED FOR WORK THAT COULD BE REASONABLY ASCERTAINED FROM PROPER SITE VISIT INSPECTIONS.
- ALL INSTALLATIONS TO BE PERFORMED AS PER ALL CODES, REGULATIONS AND AUTHORITIES HAVING JURISDICTION. THIS SHALL BE INVESTIGATED PRIOR TO BID CLOSE AND SHALL BE INCORPORATED INTO YOUR BID.
- MECHANICAL CONTRACTOR SHALL REFER TO ARCHITECTURAL, SITE SERVICE DRAWINGS, STRUCTURAL, ELECTRICAL DRAWINGS, EQUIPMENT SUPPLIER SHOP DRAWINGS, ETC FOR EXACT LOCATIONS OF ALL FIXTURES, EQUIPMENTS, ETC.
- PROVIDE AND INSTALL SHUT-OFF VALVES AND PARTITION STOPS TO ALL LINES SERVING FIXTURES & EQUIPMENT.
- PROVIDE STAINLESS VANDAL-RESISTANT COVERS FOR ALL INSTANTANEOUS HOT WATER HEATERS.
- ALL PIPES ARE TO BE INSTALLED AS TIGHT TO THE CEILING AS POSSIBLE WHILE MAINTAINING SLOPE AS REQUIRED.

LEGEND:

- DHW — DOMESTIC HOT WATER LINE
- DCW — DOMESTIC COLD WATER LINE
- INSTANTANEOUS HOT WATER HEATER
- HB HOSE BIBB

DRAWING NOTES:

- TIE INTO EXISTING WATER LINE IN MECH/ELEC RM 136.
- PROVIDE NEW PRV AT GAS METER. PROVIDE SEPARATE 64mm GAS LINE TO MECHANICAL ROOM 202 FROM NEW PRV. NEW GAS LINE IS TO BE RUN FROM EXISTING MECH/ELEC. 151, UP THROUGH THE ATTIC AND TIGHT ALONG THE ROOFLINE AND PARAPET TO THE MECHANICAL ROOM. PROVIDE DROPS TO ALL GAS-FIRED EQUIPMENT IN MECHANICAL ROOM 202. PROVIDE A MAIN ISOLATION VALVE AFTER GAS LINE ENTERS ROOM 202 AND INDIVIDUAL VALVES FOR EACH GAS-FIRED EQUIPMENT.
- PROVIDE 19mm HOSE BIBB C/W A VACUUM BREAKER
- PROVIDE A SHUT OFF VALVE AT BRANCH TAKE-OFF TO THE EXISTING HOT WATER TANK.
- PROVIDE HOT WATER PIPING TO THE EXISTING SLOP SINK.
- PROVIDE 13mm BRANCH LINE WITH 2 ADDITIONAL THUMB OPERATED ISOLATION VALVES WITH THREADED COMPRESSION FITTINGS FOR CONNECTIONS TO FUTURE OWNER'S EQUIPMENT. BRANCH LINE TO BE INSTALLED WITHIN CABINET SPACE.
- HOT WATER LINE FROM WH-7
- PROVIDE A 19mm TAKE-OFF AT THE EXISTING 19mm COLD WATER LINE IN EXISTING MECHANICAL ROOM 136. RUN A WATER LINE FROM TAKE OFF TO SUPPLY WATER TO WH-7.
- 51mm PEX COLD WATER LINE. UNDERSLAB PIPING STARTS FROM END OF JANITOR'S ROOM 134 SOUTH WALL. PIPING SHALL RISE 610mm A.F.F. IN ST4 UNDERSTAIR LANDING AT SOUTH END WALL. SEAL ALL PENETRATIONS.
- PROVIDE COPPER TRANSITION FROM PEX PIPING TO WALL HYDRANT. INSTALL WALL HYDRANT 915mm A.F.F. SEAL ALL PENETRATIONS.
- PROVIDE DCW ROUGH-IN FOR FUTURE.

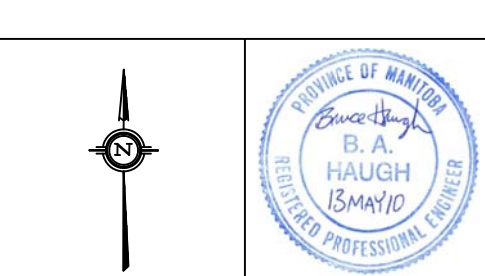


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This drawing is not intended to be an as-built or record drawing. The contractor is responsible for verifying the accuracy of the information on-site. If there is any information that is in error, the contractor shall record the discrepancy and contact the Engineer immediately with his findings.

DATE	NO.	DESCRIPTION	DRAWN BY
2010MAY13	0	ISSUE FOR TENDER	JC

REVISIONS



JOB TITLE:
ADDITION & RENOVATION OF WINAKWA COMMUNITY CENTRE
980 WINAKWA ROAD
WINNIPEG, MB

DRAWING TITLE:
DOMESTIC WATER SCHEMATIC

SCALE:	DATE:	DRAWING NO.:
1:100	2010 MAY 13	M-3.7
DRAWN: JC	DESIGN: JC	CHECKED: BH
FILE NO.: N/A	PROJECT NO.: 339-2010	