

INSULATION REQUIREMENTS:


1. BURIAL DEPTH LESS THAN 2400 MM (8'-0"), 100 MM (4") OF INSULATION SHALL BE INSTALLED IN A 'FLAT' FORMATION.
2. BURIAL DEPTH LESS THAN 1800 MM (6'-0"), 100 MM (4") OF INSULATION SHALL BE INSTALLED IN A 'BOX' FORMATION.
3. A BUILDING SEWER AND WATER SERVICE PIPE INSTALLED UNDER A DRIVEWAY WITH A BURIAL DEPTH LESS THAN 3000 MM (10'-0"), 100 MM (4") OF INSULATION SHALL BE INSTALLED IN A 'FLAT' FORMATION.
4. A BUILDING SEWER AND WATER SERVICE PIPE INSTALLED UNDER A PROPERTY PARKING LOT WITH A BURIAL DEPTH OF LESS THAN 3000 MM (10'-0"), 100 MM (4") OF INSULATION SHALL BE INSTALLED IN A 'BOX' FORMATION.

MATERIAL REQUIREMENTS:

1. ALL PLUMBING MATERIAL SHALL MEET ALL REQUIREMENTS OF THE MANITOBA PLUMBING CODE.
2. INSULATION MATERIAL SHALL BE TYPE VI EXTRUDED POLYSTYRENE FOAM INSULATION WITH A MINIMUM COMPRESSIVE STRENGTH OF 0.28 MPa (40 PSI) FOR GROUND APPLICATION
3. BACKFILL SHALL BE GRANULAR MATERIAL CAREFULLY APPLIED BY HAND TO A DEPTH OF NOT LESS THAN 150 MM (6") OVER INSULATION. REMAINING TRENCH BACKFILL SHALL BE SUITABLE MATERIAL THAT IS FREE OF STONES, BOULDERS, CINDERS AND FROZEN EARTH.

SCALE:	N.T.S.
FIELD BOOK:	
DESIGNED BY:	J.C.
DRAWN BY:	M.F.
CHECKED BY:	G.M.
APPROVED BY:	

ENGINEER'S SEAL:	
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City of
BRANDON

DEVELOPMENT SERVICES

**WATER & SEWER INSULATION
DETAIL DRAWING**

DATE	DRAWING NO.	SHEET	REV
07/12/2015	PBS-2015001	01 OF 01	