

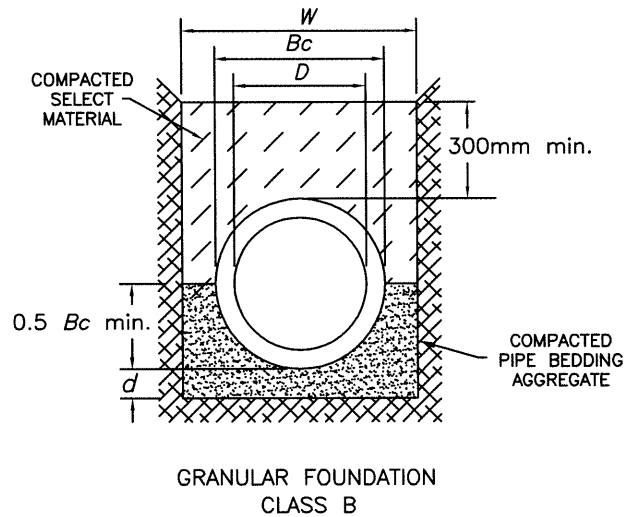
NOTES:

1. ALL CONCRETE TO BE MADE WITH TYPE HS/HSB SULPHATE RESISTANT CEMENT.
2. BEDDING AGGREGATE TO CONFORM TO GRADATION IN SECTION 03001-3.2.7 OF SPECIFICATIONS.
3. SELECT BACKFILL TO BE FREE OF ALL LUMPS, STONES AND SUBSTANCE WHICH COULD REACT CHEMICALLY WITH PIPE MATERIAL.
4. PNEUMATIC OR MECHANICAL EQUIPMENT SHALL BE USED TO COMPACT THE BEDDING MATERIAL AND THE SELECT BACKFILL MATERIAL TO 98% OF ITS STANDARD PROCTOR DENSITY (PLACED IN 150mm LAYERS).
5. COMPACT SELECT MATERIAL MUST BE CLASS 4 OR BETTER AS CHARACTERIZED IN ASTM D2321.
6. UNSUPPORTED STRAIGHT WALL TRENCH USED ONLY FOR UNDISTURBED SOIL. DISTURBED SOIL TRENCHES MUST BE 1:1 SIDEWALL SLOPE FROM BOTTOM OF TRENCH. IN EITHER CASE, COMPACTED PIPE AGGREGATE MUST BE INSTALLED TO TRENCH WALL.

NOMINAL PIPE SIZE	$W$ (min.)
150mm – 600mm	$B_c + 450\text{mm}$
675mm & larger	$1.25 B_c + 300\text{mm}$

DEPTH OF BEDDING MATERIAL BELOW PIPE ( $d$ )

$D$	$d$ (MIN)
$\leq 1500\text{mm}$	100mm
1650mm & larger	150mm



REVISIONS	
1	
2	
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DRAWN BY	JEL
DATE	2017-JAN-25
SCALE: HOR.	NTS
VER.	NTS



**City of Saskatoon**  
Transportation & Utilities Department

CIRCULAR PVC PIPE BEDDINGS

*[Signature]*  
CHIEF ENGINEER  
DATE JAN 30 2017

*[Signature]*  
ENGINEER  
DATE JAN 30 2017

PLAN NO. 102-0011-010r001