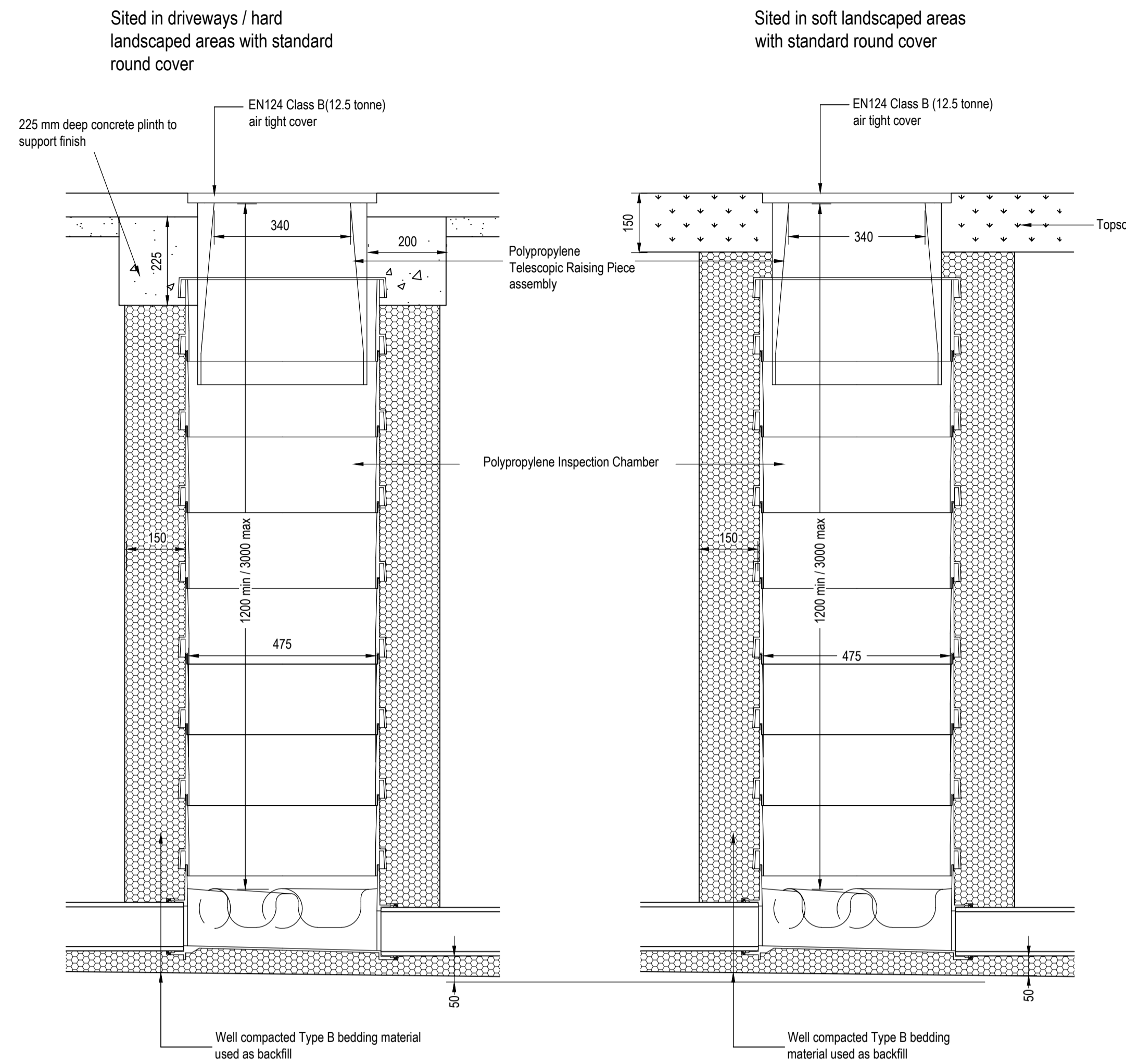


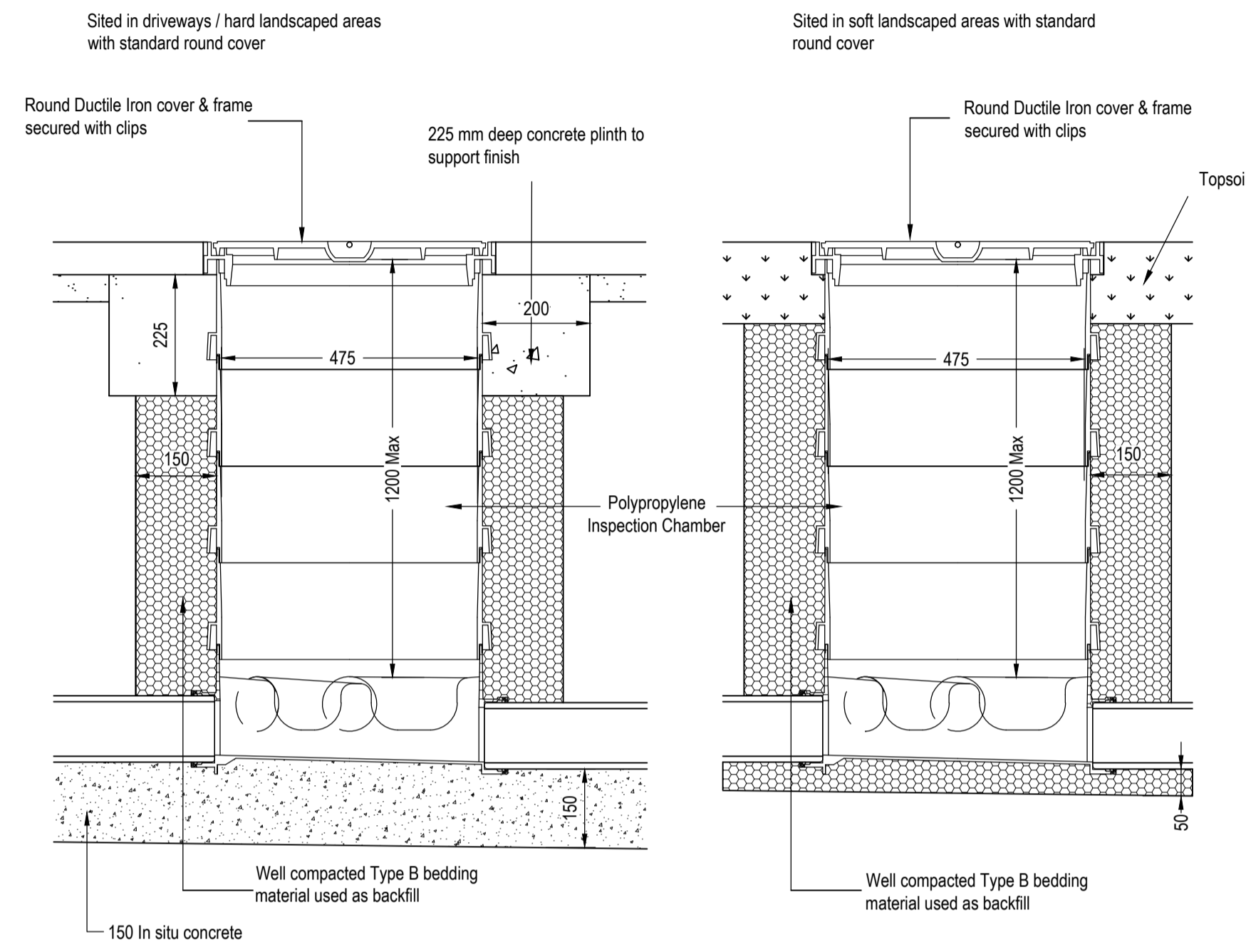
INFORMATION WITHIN THIS DRAWING IS NOT NECESSARILY PRODUCED TO SCALE. ALWAYS USE FIGURED DIMENSIONS AND CO-ORDINATES - IF IN DOUBT, ASK.

NOTES

- All dimensions in millimetres unless noted otherwise.
- All pipes to be either vitrified clay in accordance with BS EN 295, and having a crushing strength of 40kN/m, or class 120 concrete (54kN/m min) to BS 5911, bedded on a class B granular bed and haunch, or Osma Wavin Ultra-Rib uPVC or similar bedded on a class S granular bed and surround. Where pipes are in the public highway they are to be bedded on a class S granular bed and surround.
- If the cover to the pipe is less than 600mm a class Z concrete bed and surround must be used.
- All trenches in roads, paved areas and below slabs shall be backfilled with Type 1 or Type 2 DOT granular sub-base material.
- All pipes to be laid soffit to soffit at manholes unless noted otherwise.
- All insitu concrete to be designated mix FND2 conforming to BS 8500-2 unless agreed otherwise.
- All private drainage to be 100mm diameter unless otherwise stated. Minimum gradients:
Foul Water 1/80 (min 1 wc)
Storm Water 1/100
- All surface water connecting pipes to be 150mm diameter minimum and all foul water connecting pipes to be 150mm diameter minimum to adoptable drains.
- All rainwater pipes must be fitted with a roddable access above ground.
- All private drainage to be installed in accordance with Part H of the Building Regulations and BS EN 752 & 12056.
- Refer to manufacturers instructions for installation details



REDUCED ACCESS TELESCOPIC PP INSPECTION CHAMBER >1.2M
SCALE 1:10



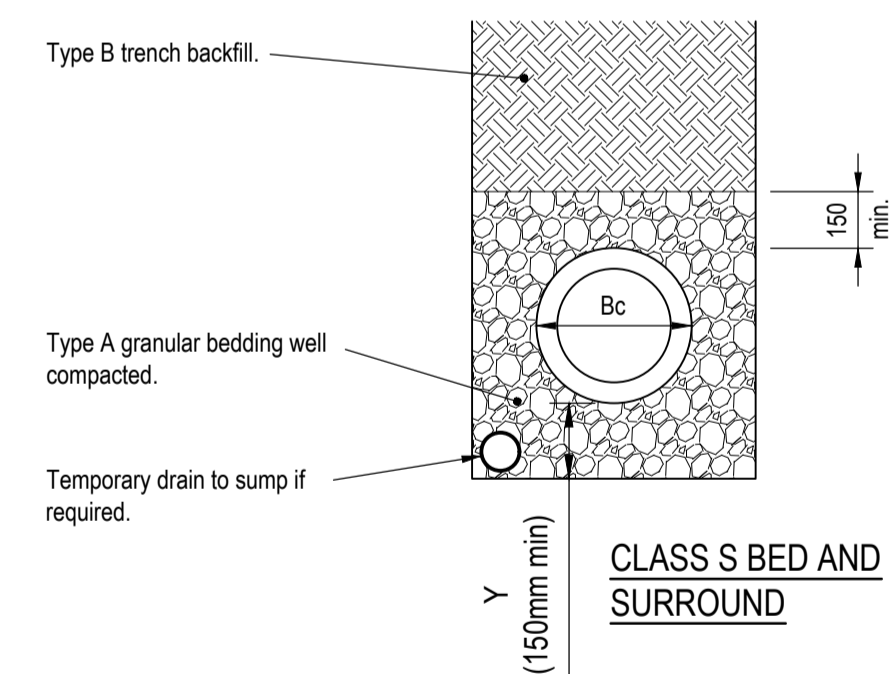
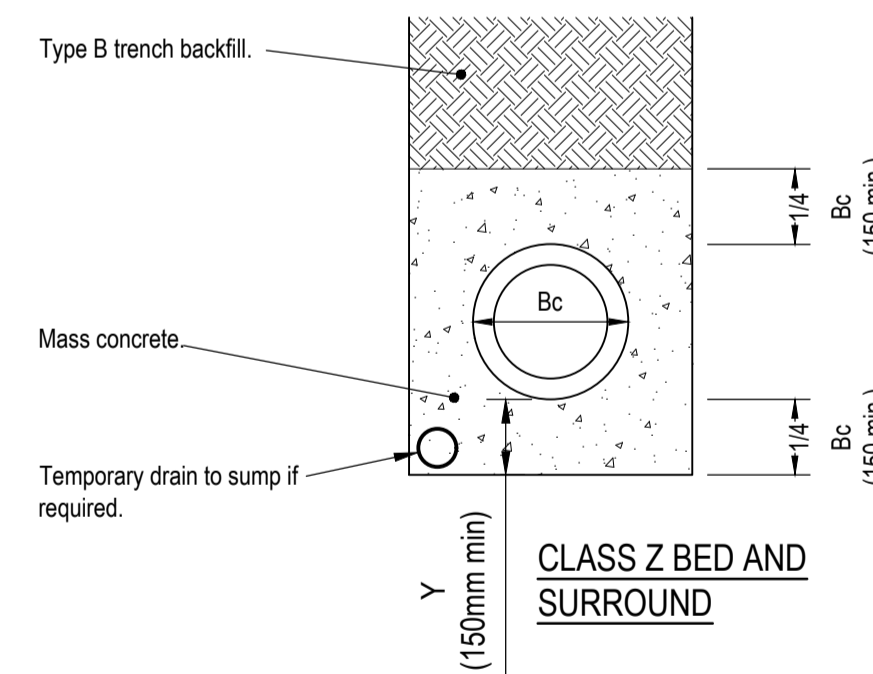
SHALLOW INSPECTION CHAMBER ≤ 1.2m
SCALE 1:10

PIPE BED AND SURROUND DIMENSIONS

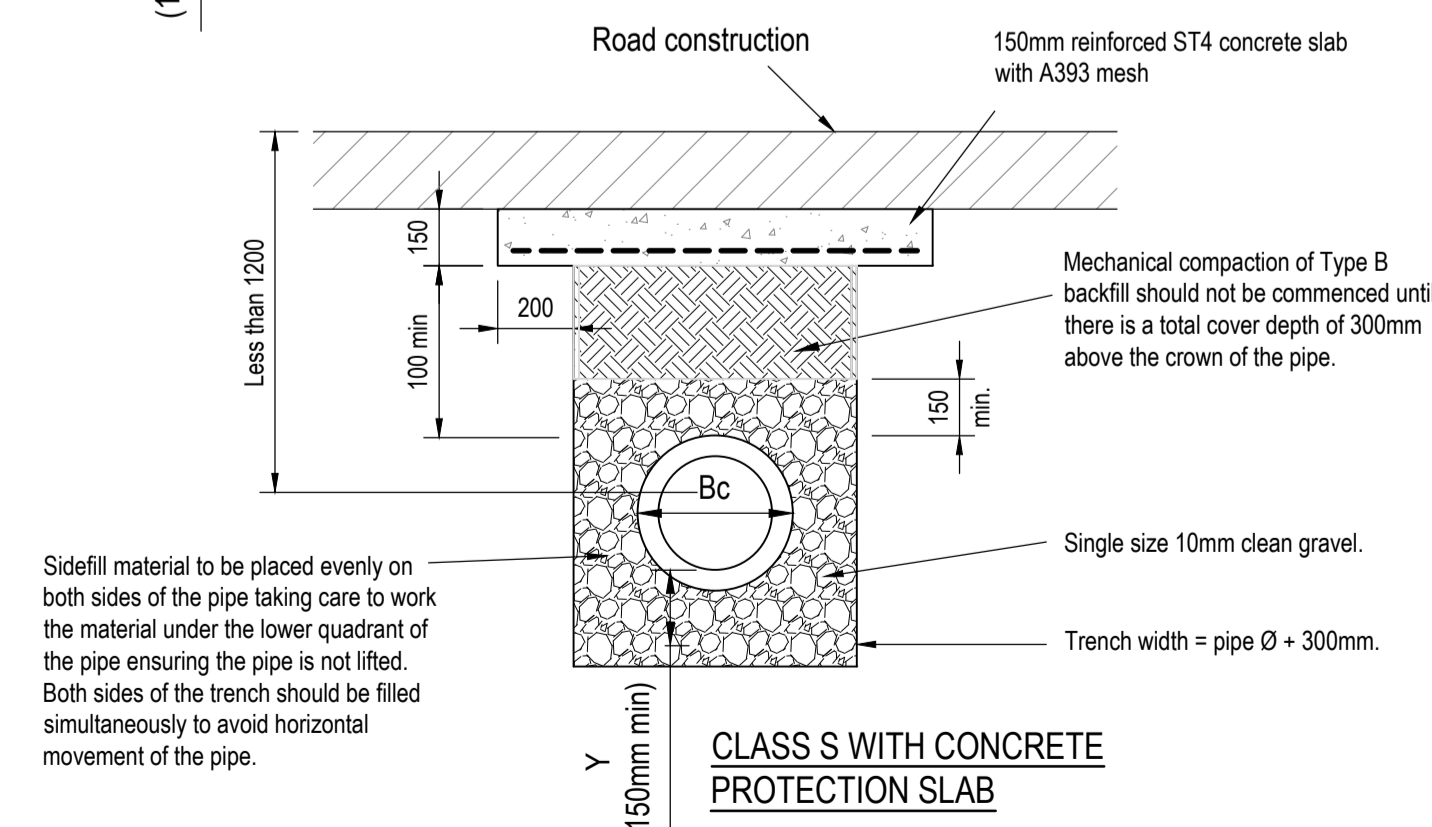
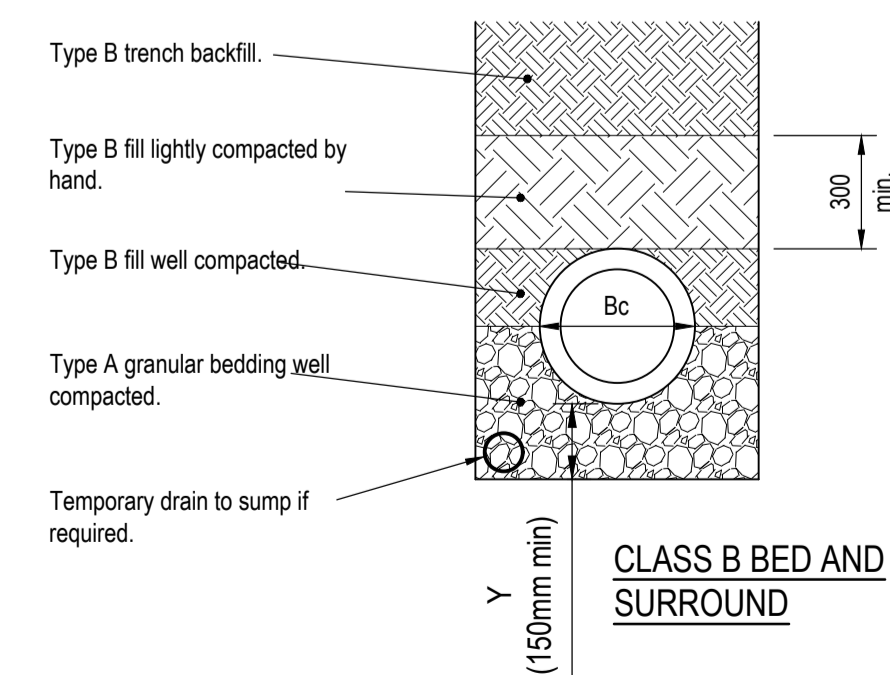
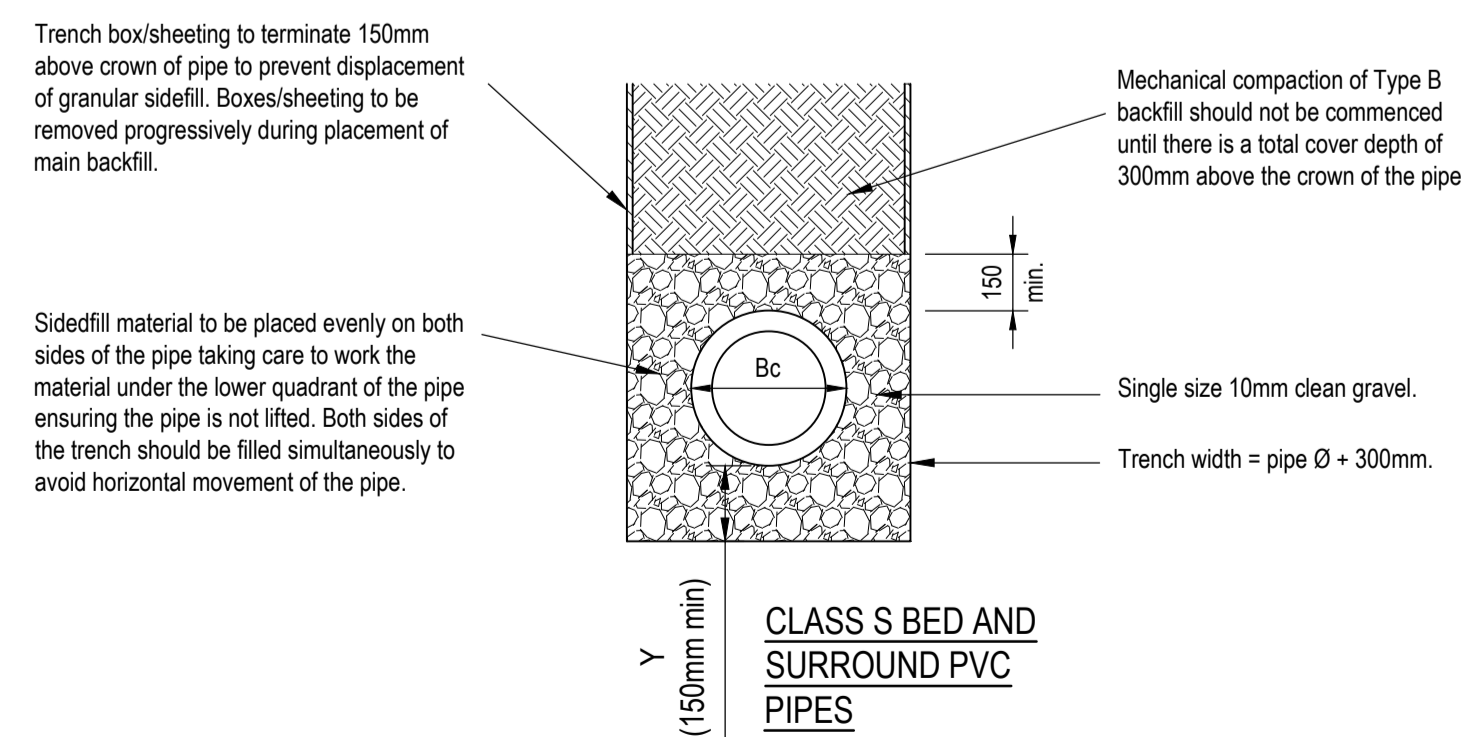
Bc = Outside Diameter of Pipe

IN UNIFORM SOILS
DIMENSION Y = 150 or 1/6Bc (whichever is the greater) under barrels and not less than 100 under sockets.

IN ROCK OR MATERIAL CONTAINING HARD SPOTS
DIMENSION Y = 200 or 1/4Bc (whichever is the greater) under barrels and not less than 200 under sockets.



NOTE - Flexible joints to be provided through concrete surround at every pipe joint using compressible fibreboard or polystyrene sheets the full height of the concrete section, pre-cut to the pipe diameter. Sheets to be 18 thick for pipes upto 450 diameter and 36 thick for pipes over 450 diameter.



TYPICAL PIPE BED AND SURROUND DETAILS
SCALE 1:20

A	First Issue.			
REV	DESCRIPTION	SIG	CHK	DATE

G.S. KELSEY CONSTRUCTION LTD

PINEOLA, ROWLAND ROAD,
SCUNTHORPE

DRAINAGE CONSTRUCTION DETAILS
(Sheet 1 of 2)

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SCALE WHEN PLOTTED AT A1		DRAWING STATUS	
VARIES		FOR TENDER	
DRAWN	CHECKED	DATE	DRAWING NUMBER
CJH	KBE	14-10-2021	45727/022
REV			A