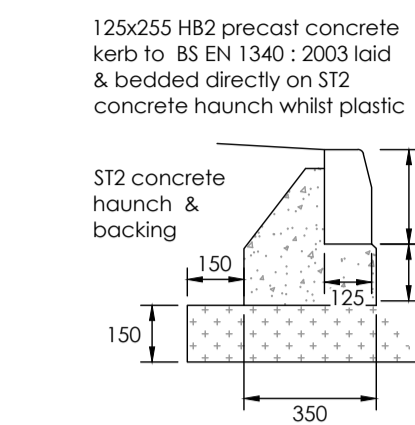
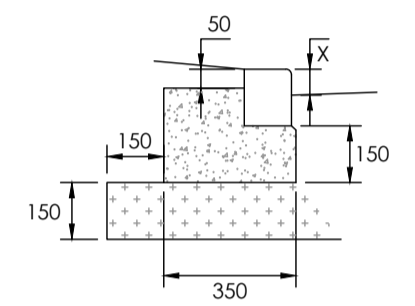


Channel Drain Detail



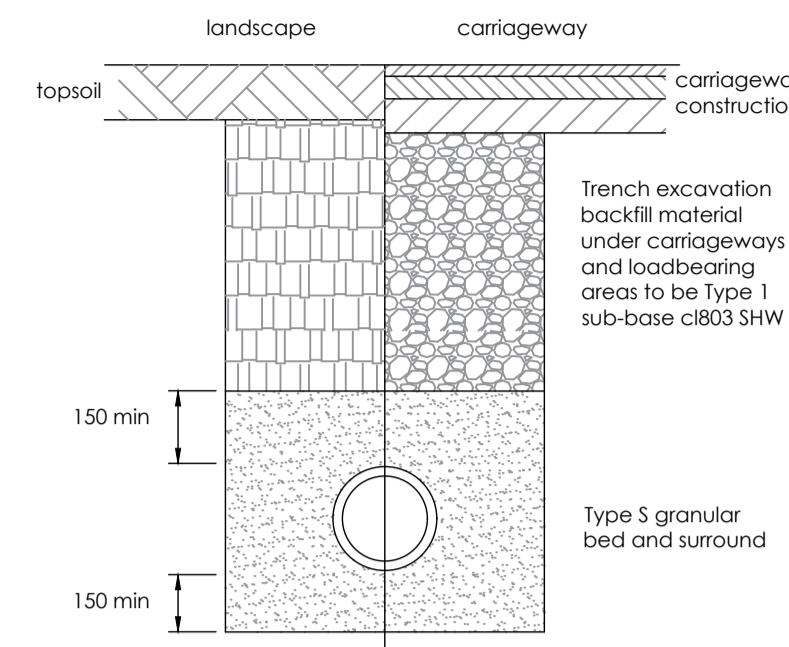
HB2 KERB CONSTRUCTION

Consult with Engineer if two stage kerb laying is required i.e. haunch followed by backing at later date.



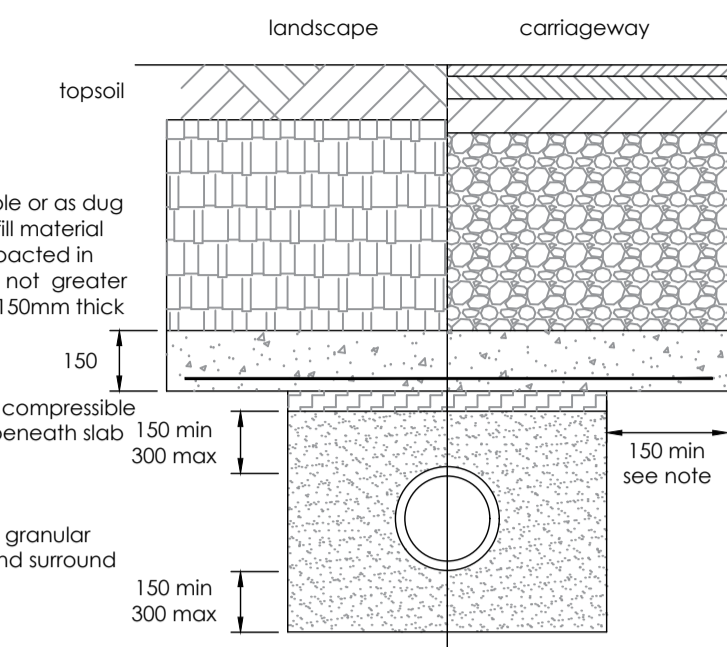
BN KERB

If kerb and backing is laid as two separate operations then ST2 concrete bedding and backing 150mm high 8mm Ø steel reinforcing hoops set 100mm into base at 900mm centres if kerb and backing laid in two stages or refer to engineers finishes drawing



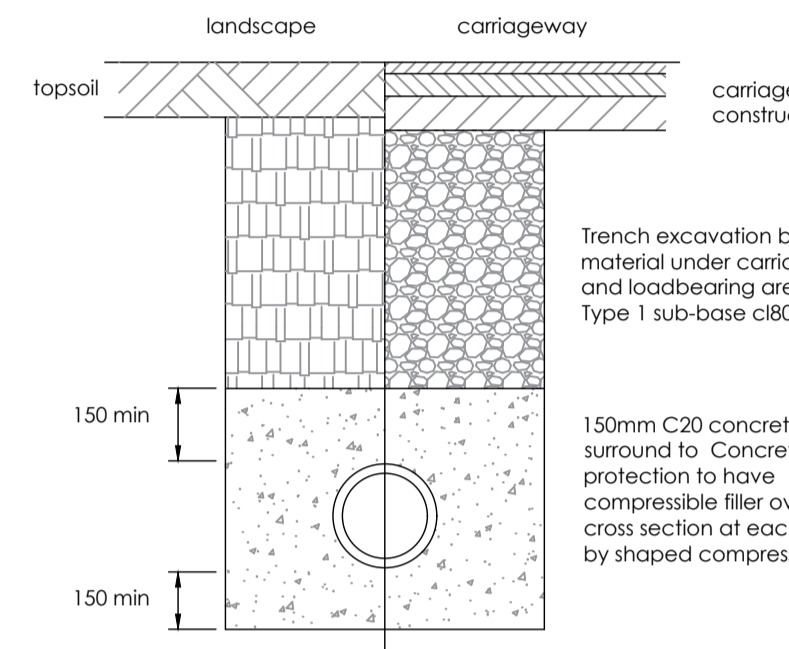
TYPE S GRANULAR SURROUND BED

To be used where cover to pipe soffit is greater than 900mm in vehicular areas and greater than 600mm in non-trafficked areas (ie footpaths, verges, etc)



CONCRETE SLAB PROTECTION

To be used where cover to pipe soffit is less than 900mm in vehicular areas and 600mm in non-trafficked areas (ie footpaths, verges, etc)



TYPE Z CONCRETE BED AND SURROUND

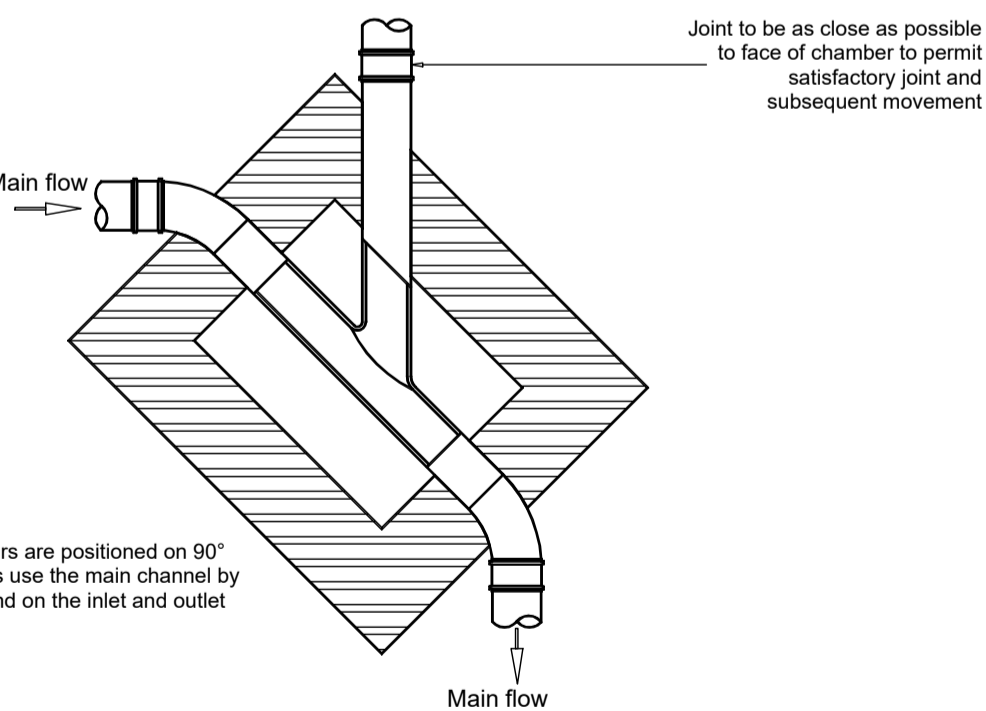
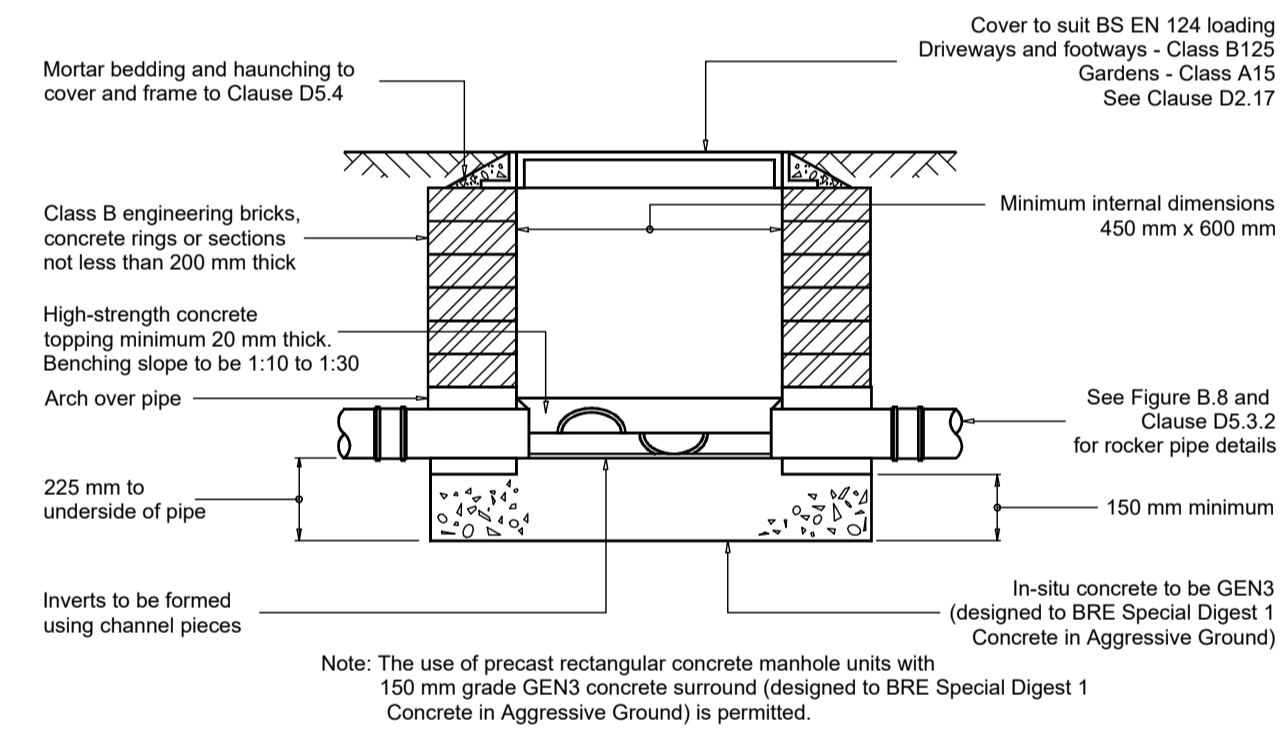
To be used where cover to pipe soffit is less than 900mm in vehicular areas and 600mm in non-trafficked areas (ie footpaths, verges, etc)

GRANULAR BEDDING AND SIDEFILL MATERIAL GRADINGS

Pipe nominal size (DN)	Pipe Bedding Requirement (mm)
100	10 nominal single size
over 100 to 150	10 or 14mm nominal single size or 14mm to 5mm graded
over 150-300	10, 14 or 20mm nominal single-size or 14mm to 5mm graded or 20mm to 5mm graded 20mm to 5mm graded
over 300 to 350	14, 20 or 40mm nominal single-size crushed rock or 14mm to 5mm graded or 20mm to 5mm graded
over 350	14, 20 or 40mm nominal single-size crushed rock or 14mm to 5mm graded or 20mm to 5mm graded or 40mm to 5mm graded

NOTE : Slab must span trench completely bearing on original ground both sides. Bearing width (150mm min) will vary with pipe size, consult Engineer

FIGURE B.16 TYPICAL INSPECTION CHAMBER DETAIL - TYPE 4 (Rigid material detail)
Maximum depth from cover level to soffit of pipe 1 m, non-entry




BAFFLE DETAIL

Where chambers are positioned on 90° corners, always use the main channel by fitting a 45° bend on the inlet and outlet

Note: Where the access chamber is in the highway the Highway Authority can have specific requirements
Not to scale

- NOTES**
- All dimensions and levels are in metres unless otherwise noted
 - This drawing is to be read in conjunction with the relevant Architect's/Engineer's drawings, specifications and CDM documentation
 - This drawing has been produced electronically and may have been photo reduced or enlarged when copied. Work to figured dimensions only (DO NOT SCALE - EXCEPT FOR PLANNING PURPOSES). All dimensions to be checked on site. Any errors or omissions to be reported to the engineer immediately.
 - This drawing contains coloured lines / information that may not be clear if reproduced in black and white.
 - Digital copies of this plan can only be considered accurate if supplied directly by Infrastruct CS Ltd.

POI	APL	MBD	Initial Issue	15/12/21
REV	DRAWN	CHECK	REVISION COMMENTS	ISSUE DATE
DRAWING TITLE Drainage Design				SHEET NO. 1/1
PROJECT Land at Bunkers Hill Kidlington OX5 3BA				
CLIENT JPPC		 Infrastruct CS Ltd		
SCALE @ A1 Not To Scale				
PROJECT NUMBER 4598	STATUS \$4	ISSUE PURPOSE TECHNICAL APPROVAL	ENGINEER MBD	DRAFT NJ
APPROVED TST			APPROVED TST	
PROJECT BUNK	ORIGN ICS	PHASE 01	LEVEL XX	REVISION P01