

THE FITTINGS DETAILS SHOWN ARE INDICATIVE ONLY AND MAY NEED TO BE AMENDED TO SUIT THE ARCHITECT'S SPECIFIC PRODUCT REQUIREMENTS OR THE CONTRACTORS CHOSEN SUPPLIER.

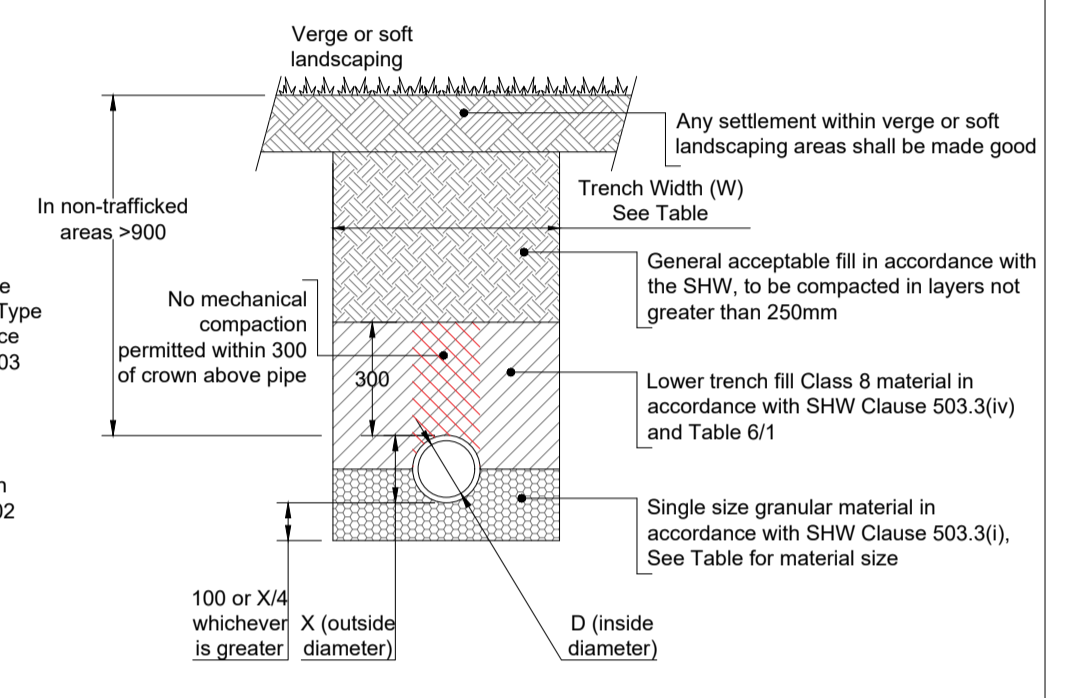
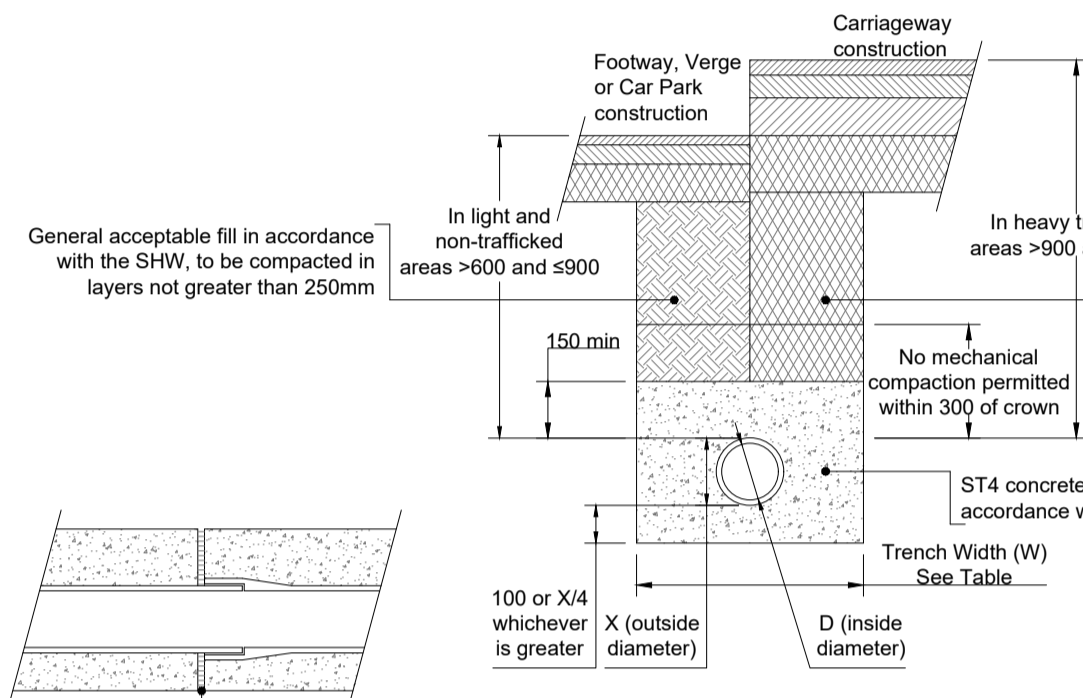
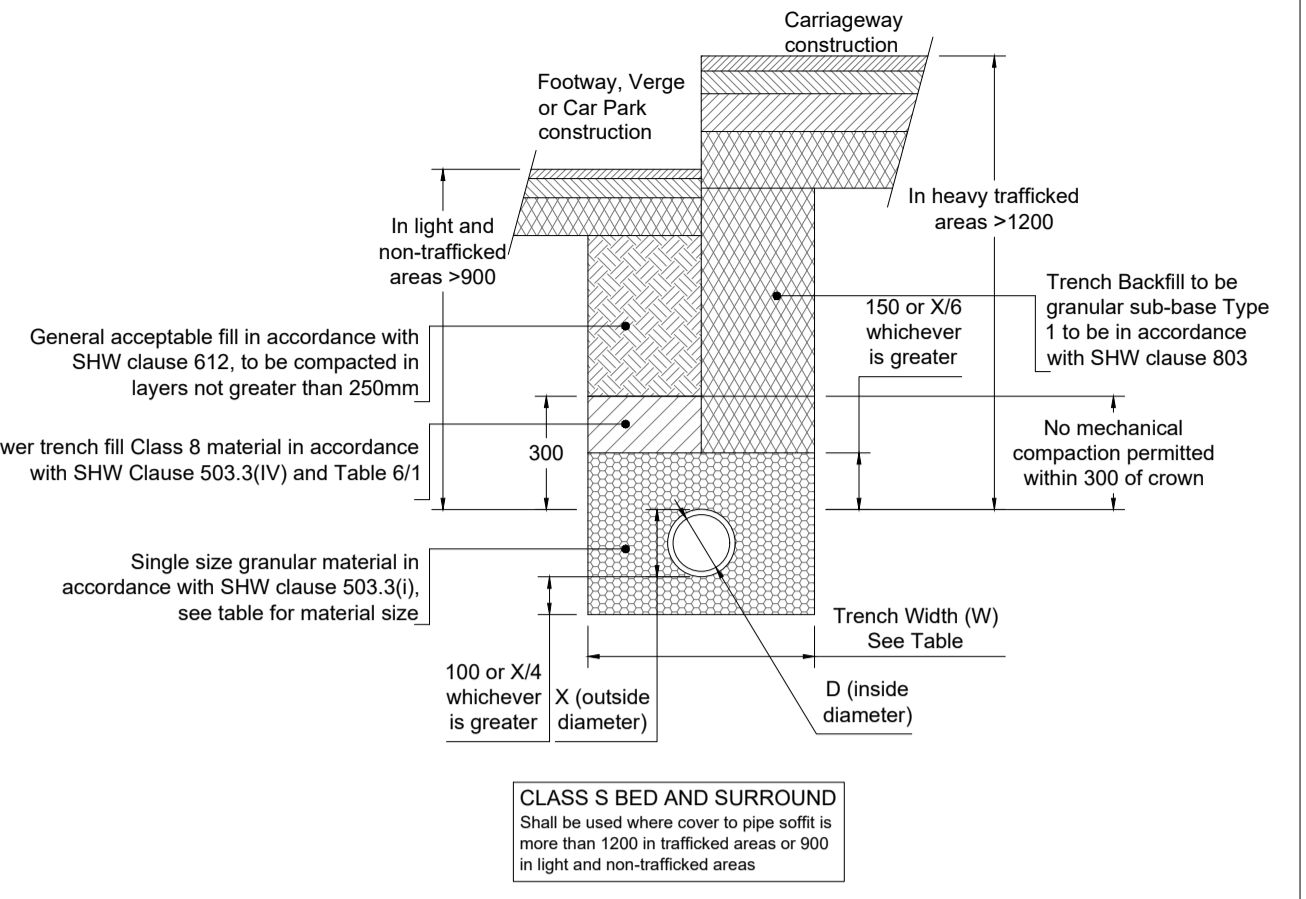
CONSTRUCTION DETAILS SHOWN ARE FOR INFORMATION ONLY. ALL PROPRIETARY PRODUCTS MUST BE INSTALLED IN STRICT ACCORDANCE WITH THE PRODUCT SPECIFIC REQUIREMENTS.

Pipe Diameter (D) (mm)	Min Trench Width (Wmin) (mm)	Max Trench Width (Wmax) (mm)
100	420	720
150	480	780
225	560	860
300	710	1010
375	790	1090
450	880	1180
525	970	1270
600	1070	1370
675	1130	1430
750	1210	1510
800	1280	1580
900	1380	1680
1050	1560	1860
1200	1740	2040
>1200	X+300	X+600

BED & SURROUND NOTES

- Minimum trench width is X+300, maximum trench width is X+600, where X is the outside diameter of the pipe. These values are set in order for the trench to comply with BS EN 1295. Min and max values are provided in order to give flexibility to the Contractor to select appropriate bucket sizes.
- No mechanical compaction permitted within 300mm of top of pipe.
- This detail does not apply under buildings - see structural engineering drawings for trench reinstatements under buildings.

Pipe Diameter (D) (mm)	Aggregate to BS EN 13242 (mm)
≤140	4/10
>140 and ≤400	4/10, 6/10 or 10/20
>400	4/10, 6/14, 10/20 or 20/40



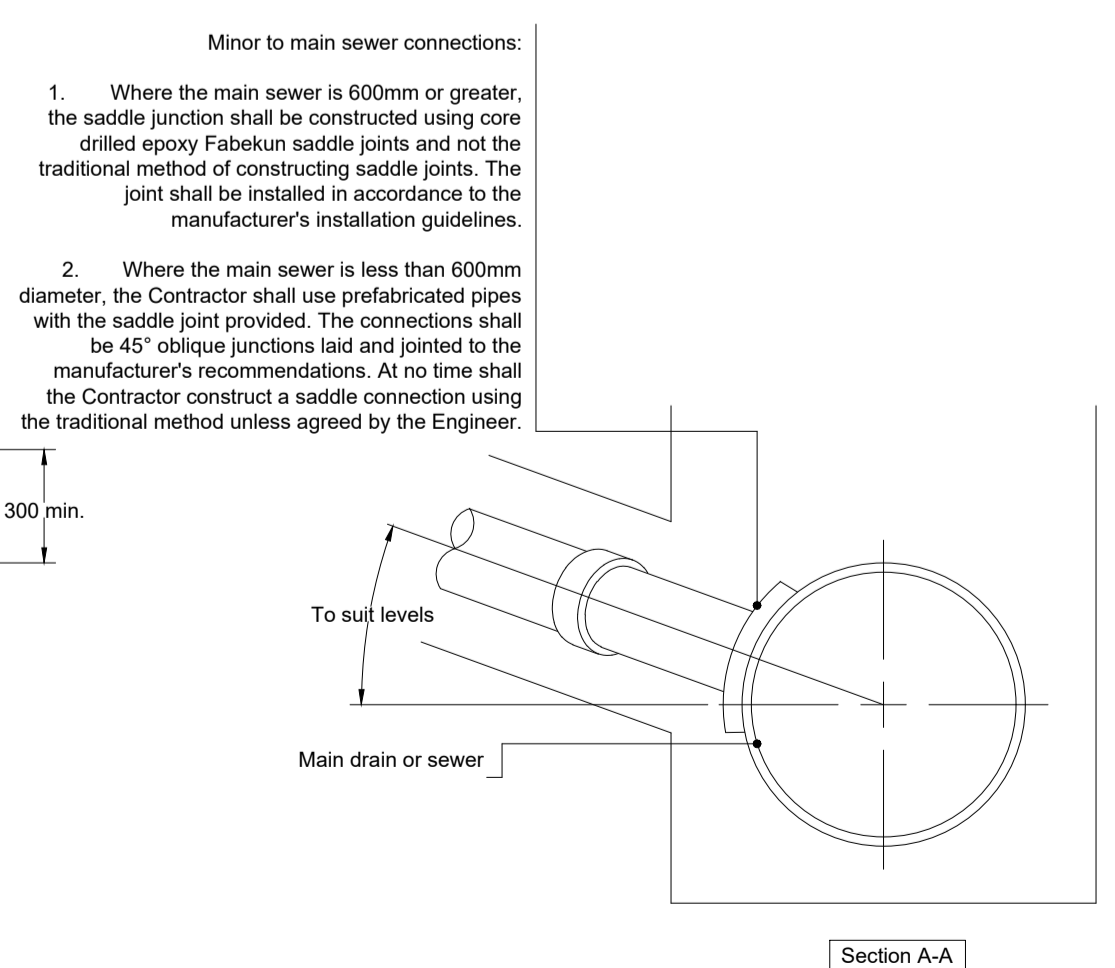
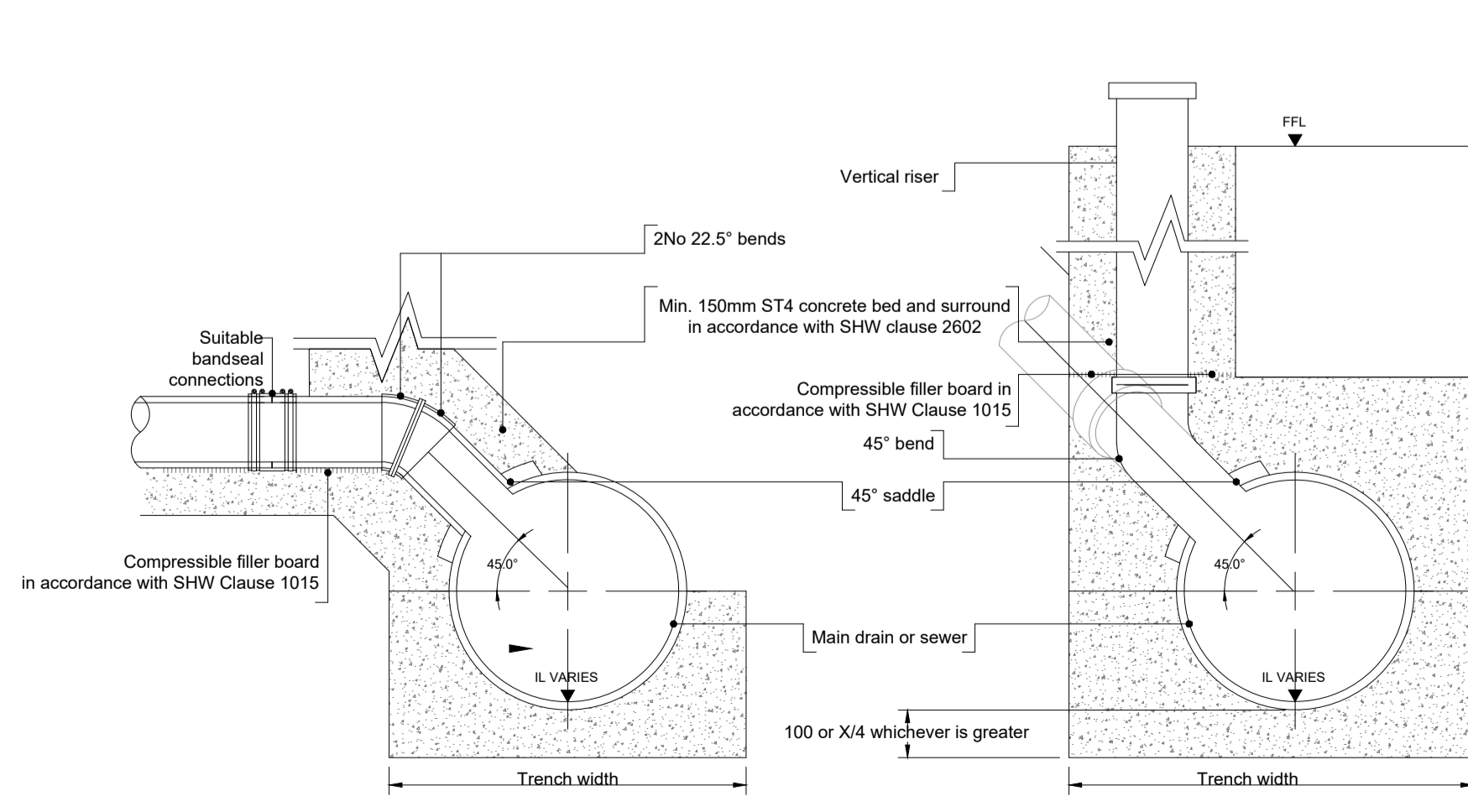
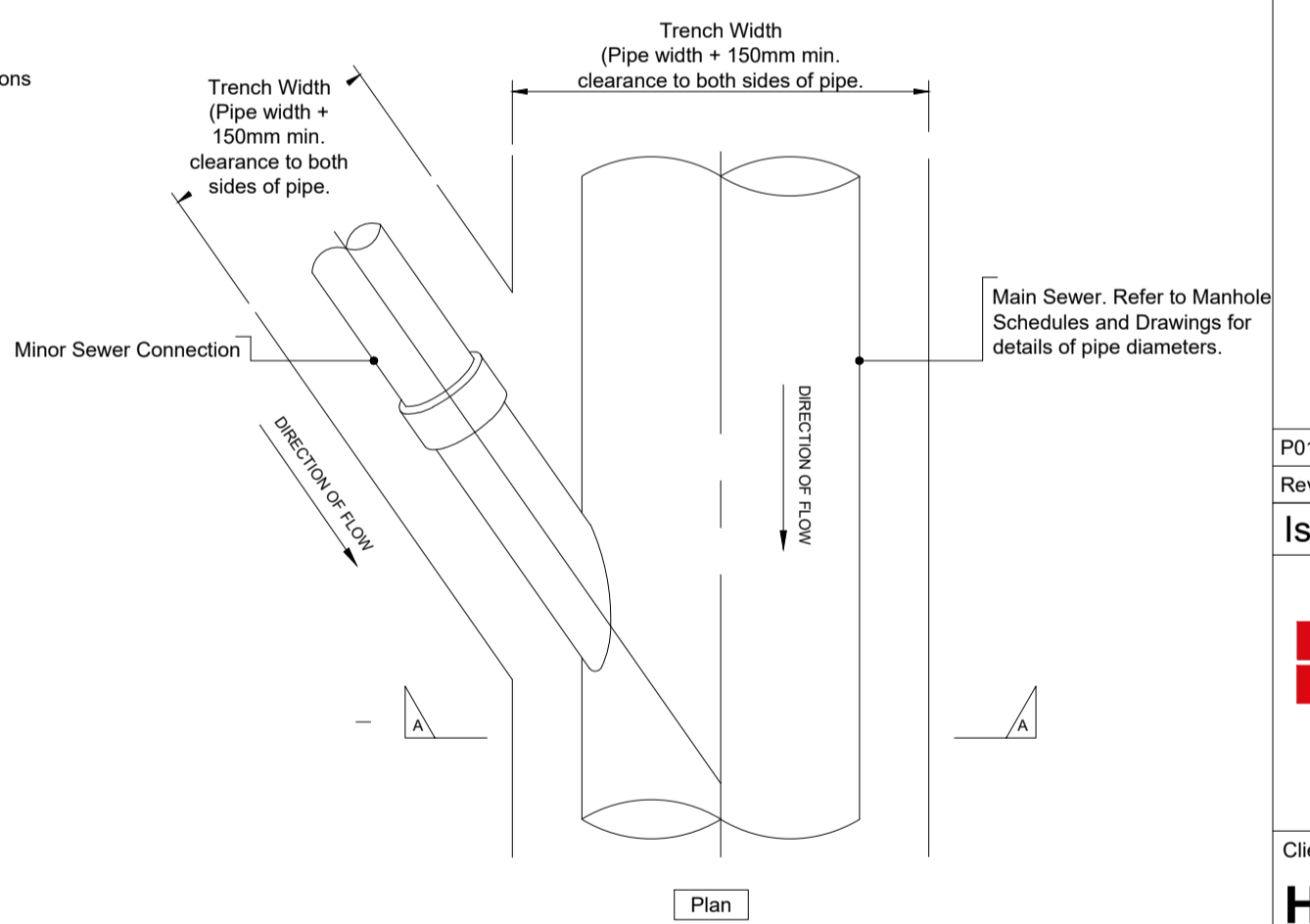
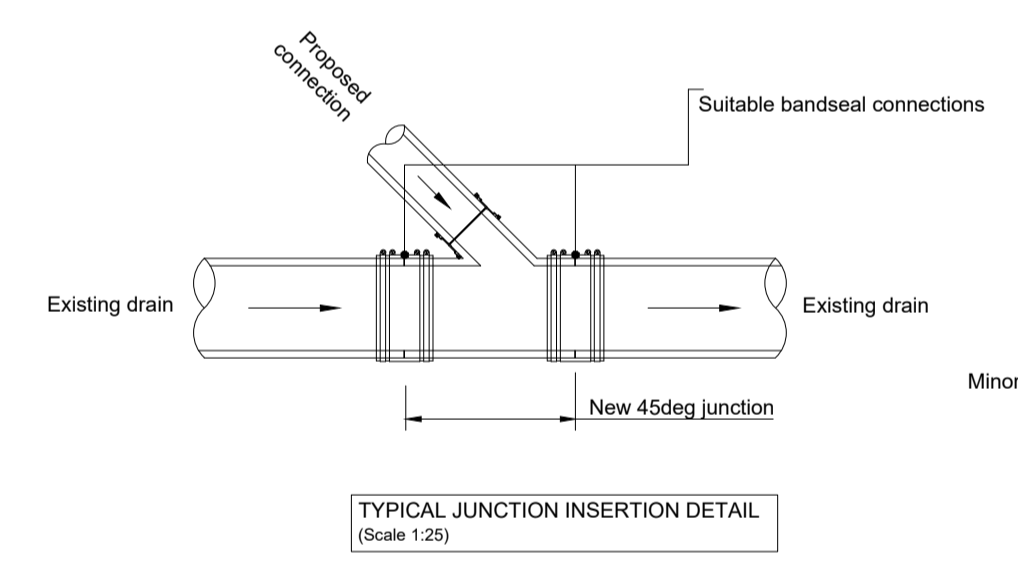
Compressible filler board to be provided at joints:

- 18mm for pipes up to 450 dia
- 25mm for pipes 450 to 1500 dia

In accordance with SHW Clause 1015

CLASS B BED AND SURROUND
 Shall be used where cover to pipe soffit is between 900 & 1200 in trafficked areas, or 600 & 900 in light and non-trafficked areas

CLASS S BED AND SURROUND
 Can be used where cover to pipe soffit is more than 900 in soft landscaping and verge areas only



Minor to main sewer connections:

- Where the main sewer is 600mm or greater, the saddle junction shall be constructed using core drilled epoxy Fabekun saddle joints and not the traditional method of constructing saddle joints. The joint shall be installed in accordance to the manufacturer's installation guidelines.
- Where the main sewer is less than 600mm diameter, the Contractor shall use prefabricated pipes with the saddle joint provided. The connections shall be 45° oblique junctions laid and jointed to the manufacturer's recommendations. At no time shall the Contractor construct a saddle connection using the traditional method unless agreed by the Engineer.

Notes

- Do not scale this drawing. All dimensions must be checked/ verified on site. If in doubt ask.
- This drawing is to be read in conjunction with all relevant architects, engineers and specialists drawings and specifications.
- All dimensions in millimetres unless noted otherwise. All levels in metres unless noted otherwise.
- Any discrepancies noted on site are to be reported to the engineer immediately.
- This drawing is to be read in conjunction with the latest drainage layout drawing.
- Unless noted otherwise, all clauses relate to Sewer Sector Guidance Notes or Building Regulations Part H.
- To be read in conjunction with BWB drawing LIN-BWB-CIV-XX-D-C-0500_Outline Drainage Strategy LIN-BWB-DDG-XX-DR-D-0560_Drainage Outfall Detail LIN-BWB-DDG-XX-DR-D-0561_Drainage Standard Details Sheet 1 LIN-BWB-DDG-XX-DR-D-0563_Drainage Standard Details Sheet 3

P01	21.01.25	Planning Issue	US	KMJ
Rev	Date	Details of issue / revision	Drw	Rev

Issues & Revisions

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Client
Hargreaves Land Ltd.

Project Title
Lincolnshire Lakes, Scunthorpe

Drainage Standard Details Sheet 2

Drawn:	U. Shahzad	Reviewed:	K. Jones
BWB Ref:	221638	Date:	Jan '25
Scale:	@A1:	NTS	

For Planning

Project - Originator - Zone - Level - Type - Role - Number	Status	Rev
LIN-BWB-DDG-XX-DR-D-0562	S8	P01