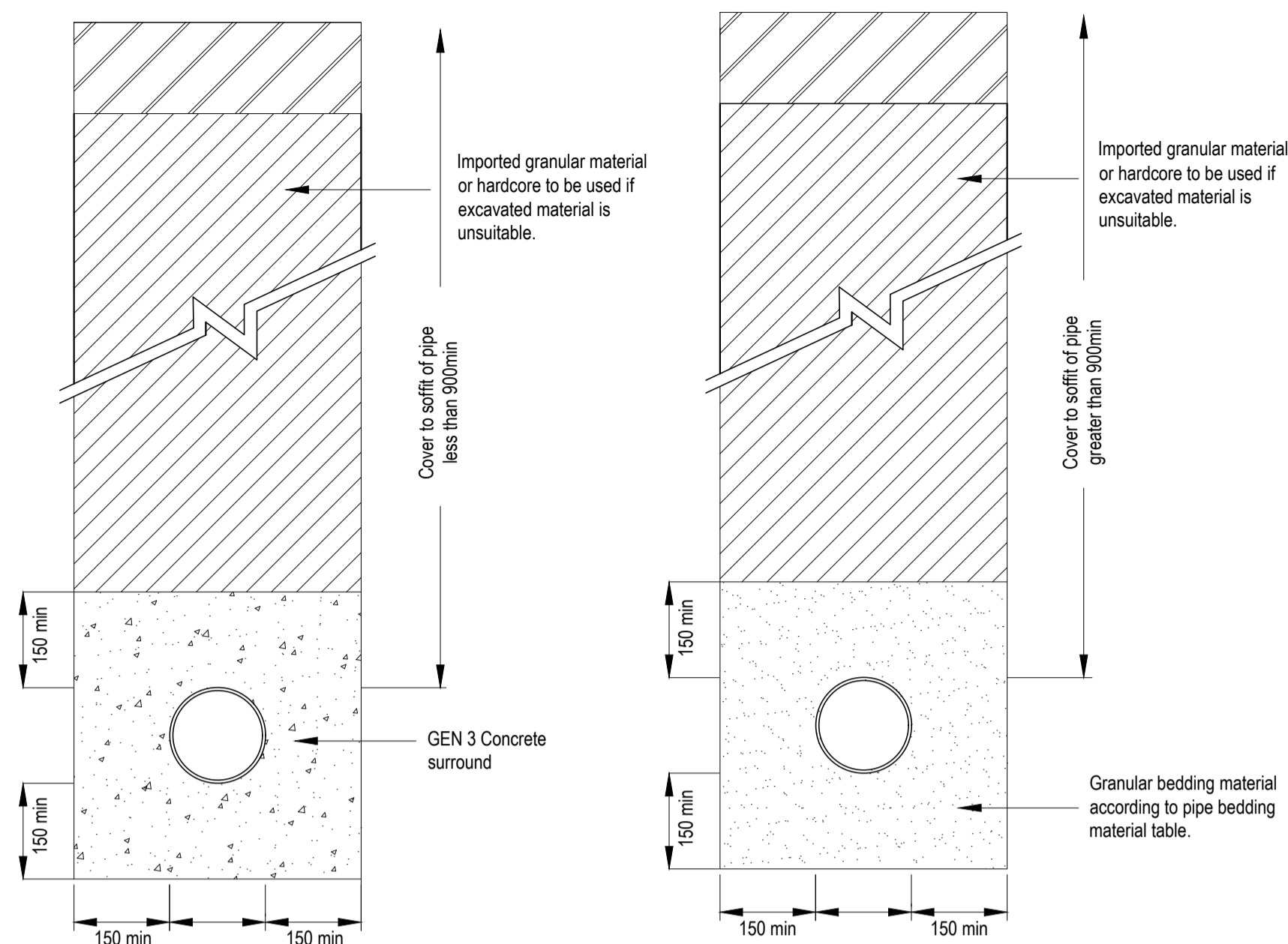
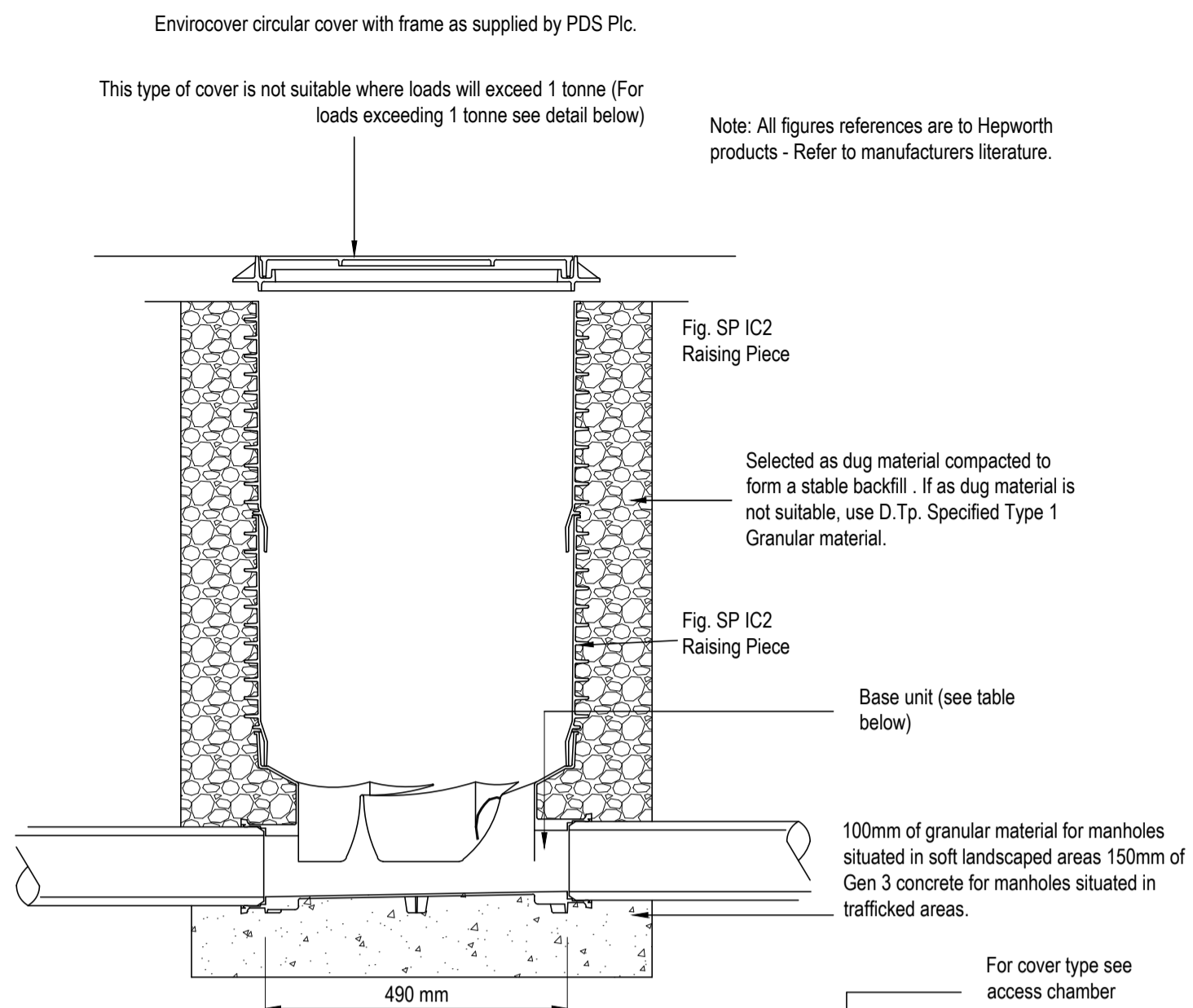


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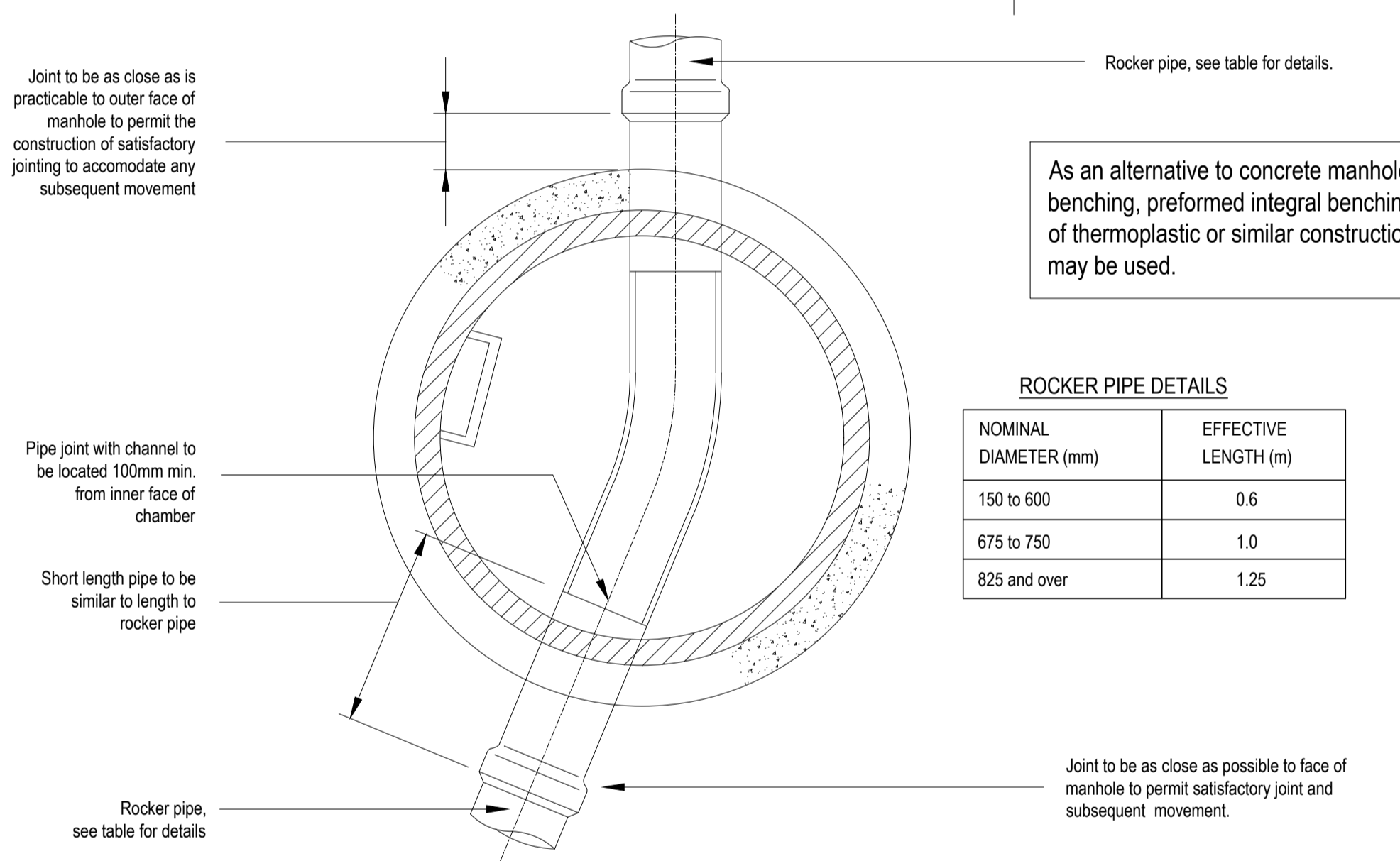
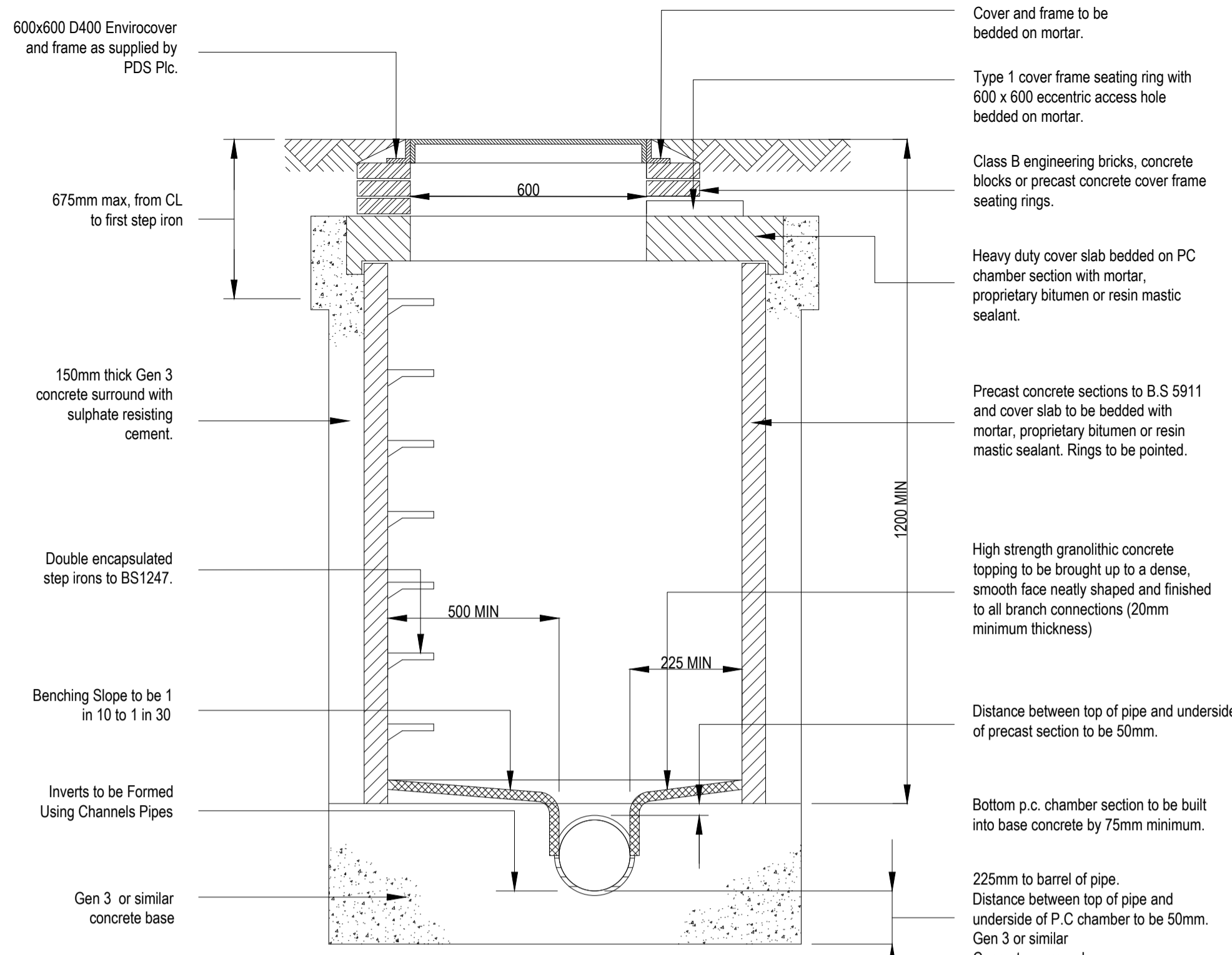


CLASS Z - Bedding Factor 2.6
For pipes under Private Roads with less than 1200mm cover
NOT TO SCALE

CLASS S - Bedding Factor 2.2
Granular bed and surround
For pipes under Private Roads with greater than 1200mm cover
NOT TO SCALE

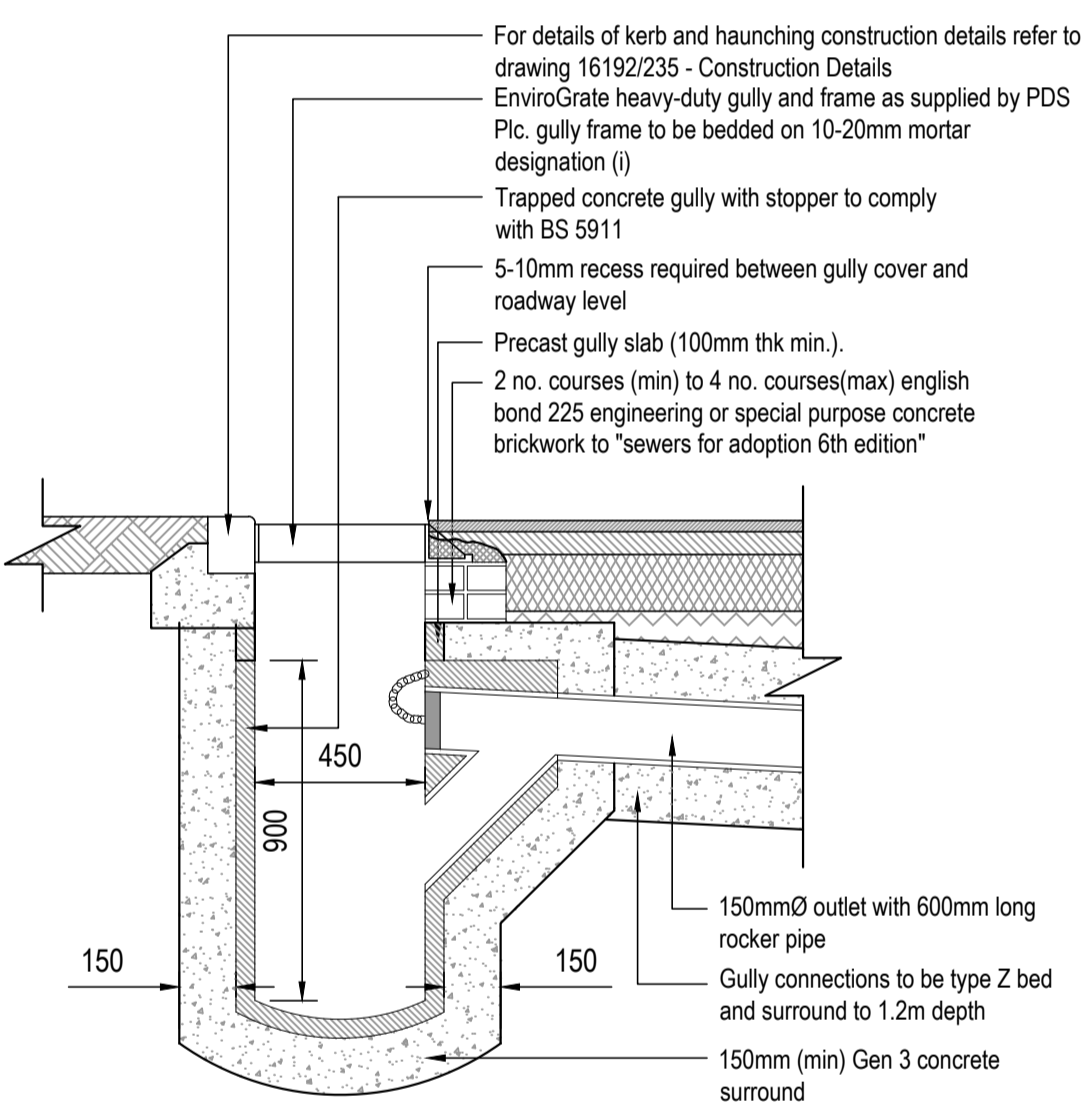


Base unit type	Pipe size	No of connections
SP IC1/1	1000	6
SP IC1/2	1000	6
SP IC2/1	1500	4



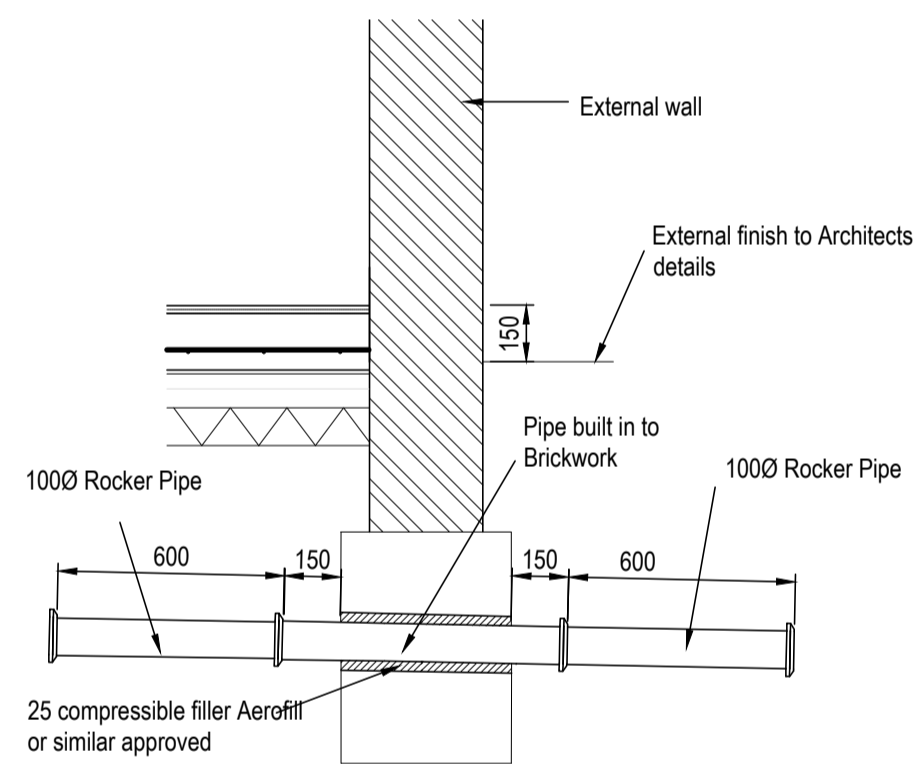
ROCKER PIPE DETAILS

NOMINAL DIAMETER (mm)	EFFECTIVE LENGTH (m)
150 to 600	0.6
675 to 750	1.0
825 and over	1.25



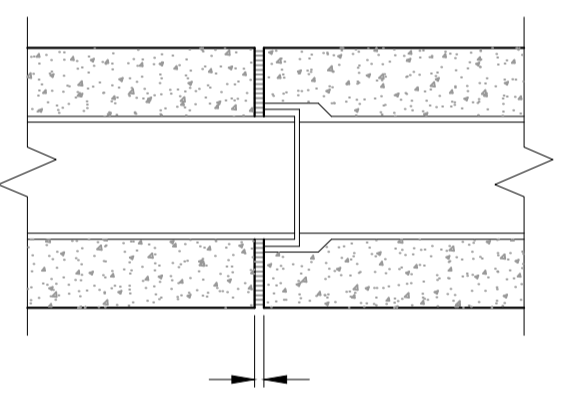
Precast Concrete Road Gully
scale 1:20

- Gully Notes**
- Excavations around gullies to be backfilled with class 1 material as described in table 6/1 and compacted as described in compliance with clause 6/12. Where mechanical compaction is impractical, or where adjacent to pedestrian crossings or within car parking areas, the excavation is to be backfilled with grade Gen 3 concrete.
 - 'Pedestrian' gratings to be used in all pedestrianised areas.
 - Desirable minimum gradient of outlet to be 1:10



Pipe passing through wall using rocker pipes
Scale 1:20

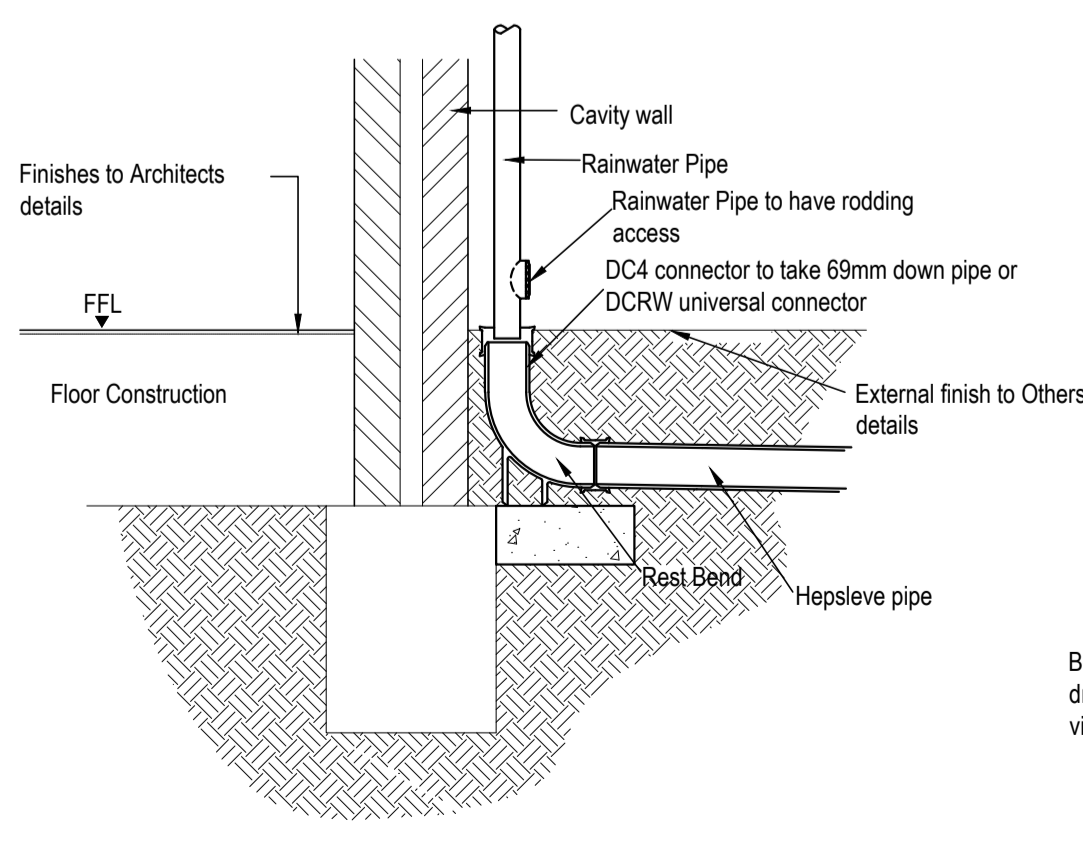
PPIC
(Depth from cover level to invert level up to 1.2m)
scale 1:10



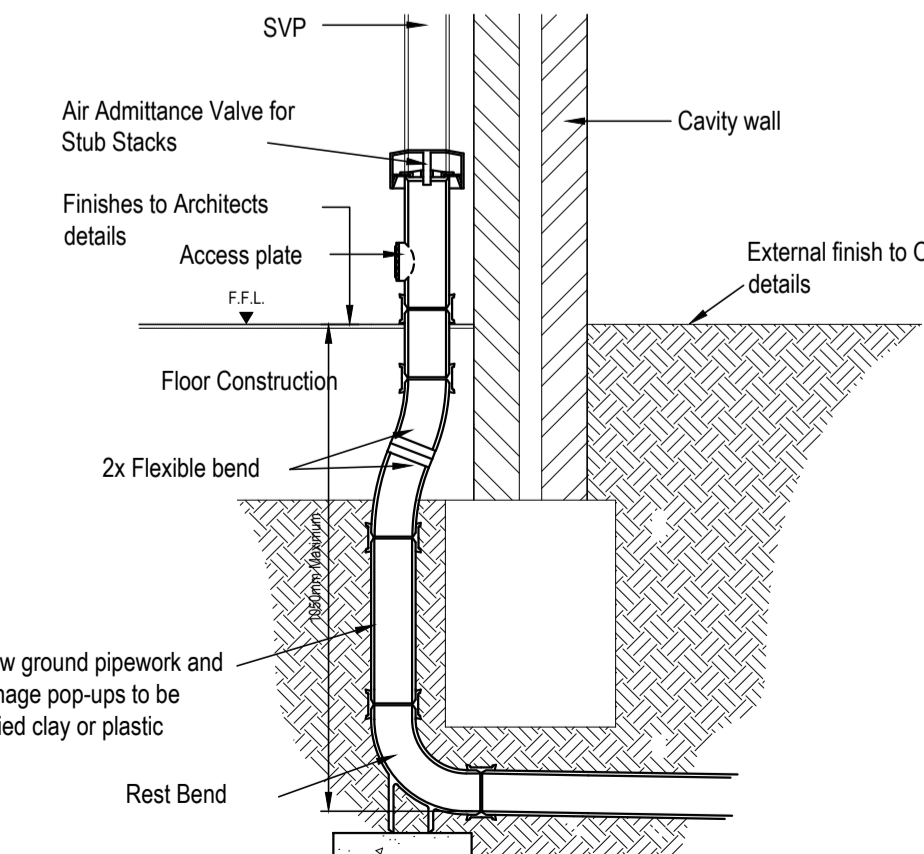
Pipe Joint Detail
Type Z Surround
scale 1:20

Pipe bedding material table

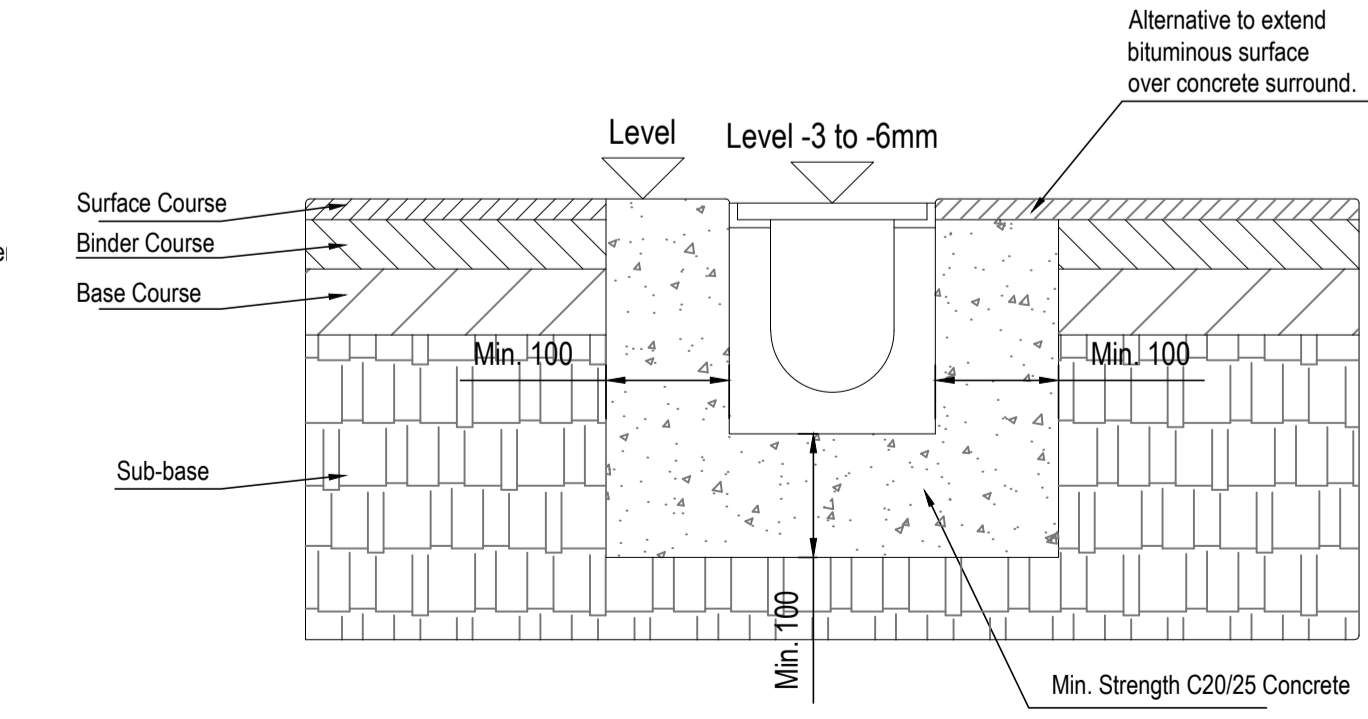
Nominal Pipe Diameter (mm)	BS 882: 1992 Course Aggregate (Table 3)	
	Graded Aggregate Ranges (mm)	Single Sized Aggregate Sizes (mm)
110mm	14 - 5	10
160mm	20 to 5 or 14 to 5	10 or 14
Exceeding 200	14 to 5, 20 to 5	10, 14, or 20



Typical Rainwater Pipe
Scale: 1:20

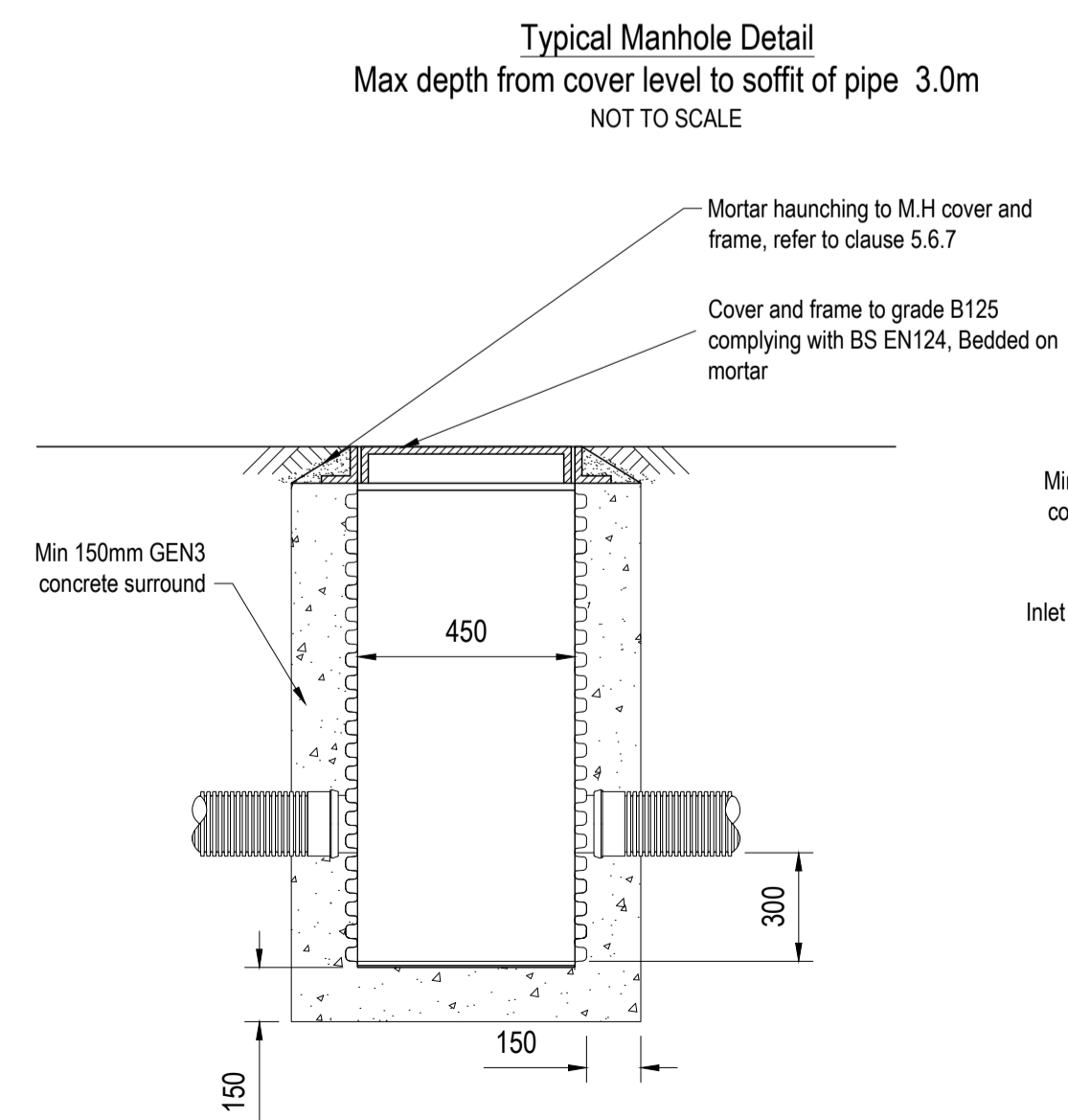


Typical Soil and Vent Pipe and Stub Stack Detail
Scale: 1:20



ACO Monodrain PD1000 30.0 Linear Drain

Notes:
To be installed in accordance with manufacturers instructions.



Typical Catchpit Chamber
(Scale 1:20)

- NOTES**
- DO NOT SCALE.
 - This drawing is to be read in conjunction with all other relevant drawings and details.
 - Should there be any conflict between the details indicated on this drawing and those indicated on other drawings the Engineer should be informed PRIOR to construction on site.
 - Until technical approval has been obtained from the relevant Authority, it should be understood that all drawings issued are Preliminary and NOT for construction. Should the contractor commence site work prior to such approval being given, it is entirely at his own risk.
 - All dimensions are in millimetres unless otherwise stated.
 - The NEL Hazard Identification and Risk Assessment information for this project must be reviewed and understood by the contractor PRIOR to the commencement of any works on site.
 - It is the responsibility of the contractor to execute the works at all times in strict accordance with the requirements of the Health and Safety at Work Act 1974, and the C.D.M. Regulations 2015.
 - It is the responsibility of the Contractor to locate any service apparatus in the vicinity of the works. The Client will accept no claims whatsoever in respect of losses or damage caused in respect of such apparatus, however caused.
 - The Contractor shall check all tie-ins for line and level with existing before commencing any works. The Engineer should be notified immediately in writing, should any errors be found.
 - All levels are related to ordnance datum.
 - All private drainage works to be in accordance with the requirements of Building Regulations 2000, Part H, 'Drainage and Waste disposal'.
 - Pipes with less than 600mm cover are to be protected in accordance with Part H.
 - All pipes, chambers and fittings to be installed, bedded and backfilled in accordance with manufacturers instructions.
 - Pipe which run adjacent to buildings shall be installed in strict accordance with Part H, Clauses 2.23 to 2.25.
 - All drains in the vicinity of existing or proposed trees to be constructed in accordance with the requirements of current NHC standards.
 - All existing land drains encountered on site during construction to be re-connected.
 - Should any change in slab level be considered, agreement shall be sought from the clients engineer prior to commencement and shall take full account of all restrictions to the slab level.
 - The layout of pipelines, manholes etc. is designed to suit the permanent case. Additional loads over & above those designed for may arise during the construction process. The Contractor shall provide any necessary temporary protection to ensure that pipelines, manholes etc. are not damaged as a result of his method of working.
 - All Rainwater Pipes are to be constructed to allow rodding from the pipe.
 - The positions of RWPs and foul connection points are shown for information only and are to be confirmed by architect - refer to architects drawings for setting out information.
 - All pipework is to be tested before and after backfilling in accordance with B.S. 1610:1998.
 - All pipework is to be of thermoplastic construction.

First Issue	CLN	18/01/24	CLN	18/01/24
REV	COMMENT	DATE	CHECKED BY	DATE
	DRAWN BY	DATE	CHECKED BY	DATE
PROJECT NUMBER			SCALE @ A1	
24-0001			As Shown	

PURPOSE OF ISSUE
PRELIMINARY



NOONAN ENGINEERING LTD
Suite 105, Pure Offices, Lake View Drive
Sherwood Business Park, Nottingham, NG15 0DT
Tel: 07775 437749
e-mail: crag@noonanengineering.com

PROJECT
Proposed Residential Development
Mike Wells Cars, Montague Street,
Rusden NN10 9TS

TITLE
Private Drainage Details
Sheet 1 of 2

CLIENT
VJS

PROJECT ORIGINATOR	FUNCTIONAL	SPATIAL	FORM	DISCIPLINE	NUMBER	REV
MWMS-NEL-ZZ-ZZ-DR-C-0245						P01