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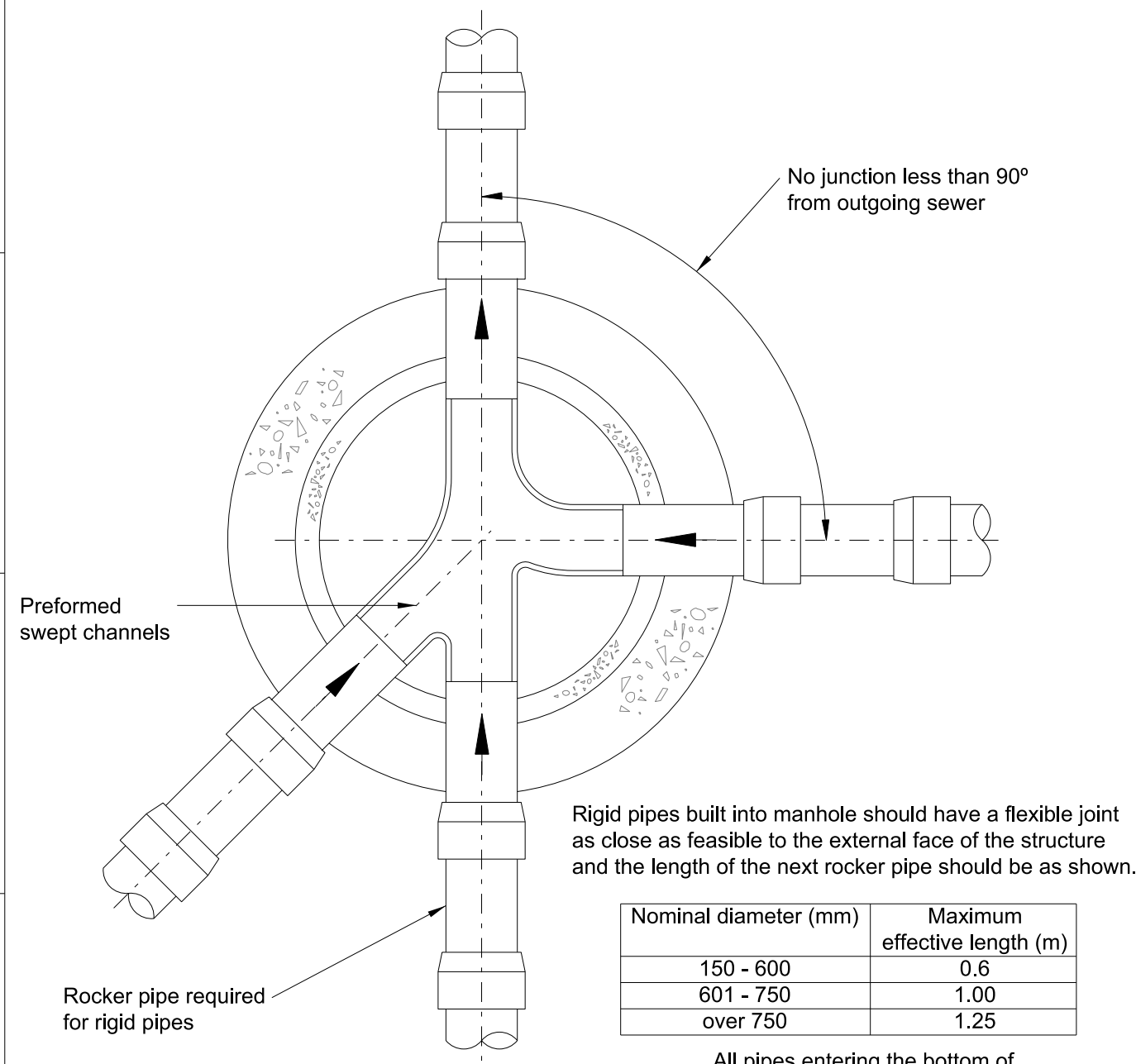
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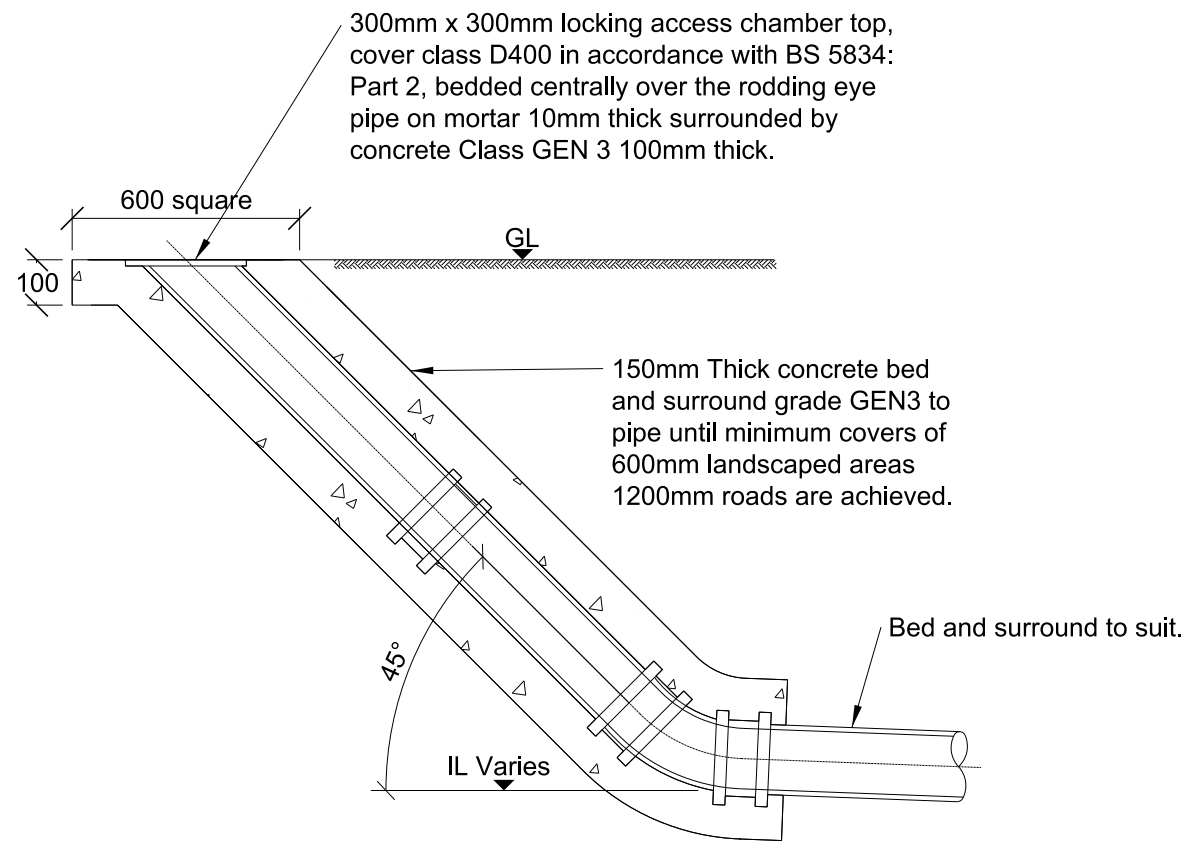
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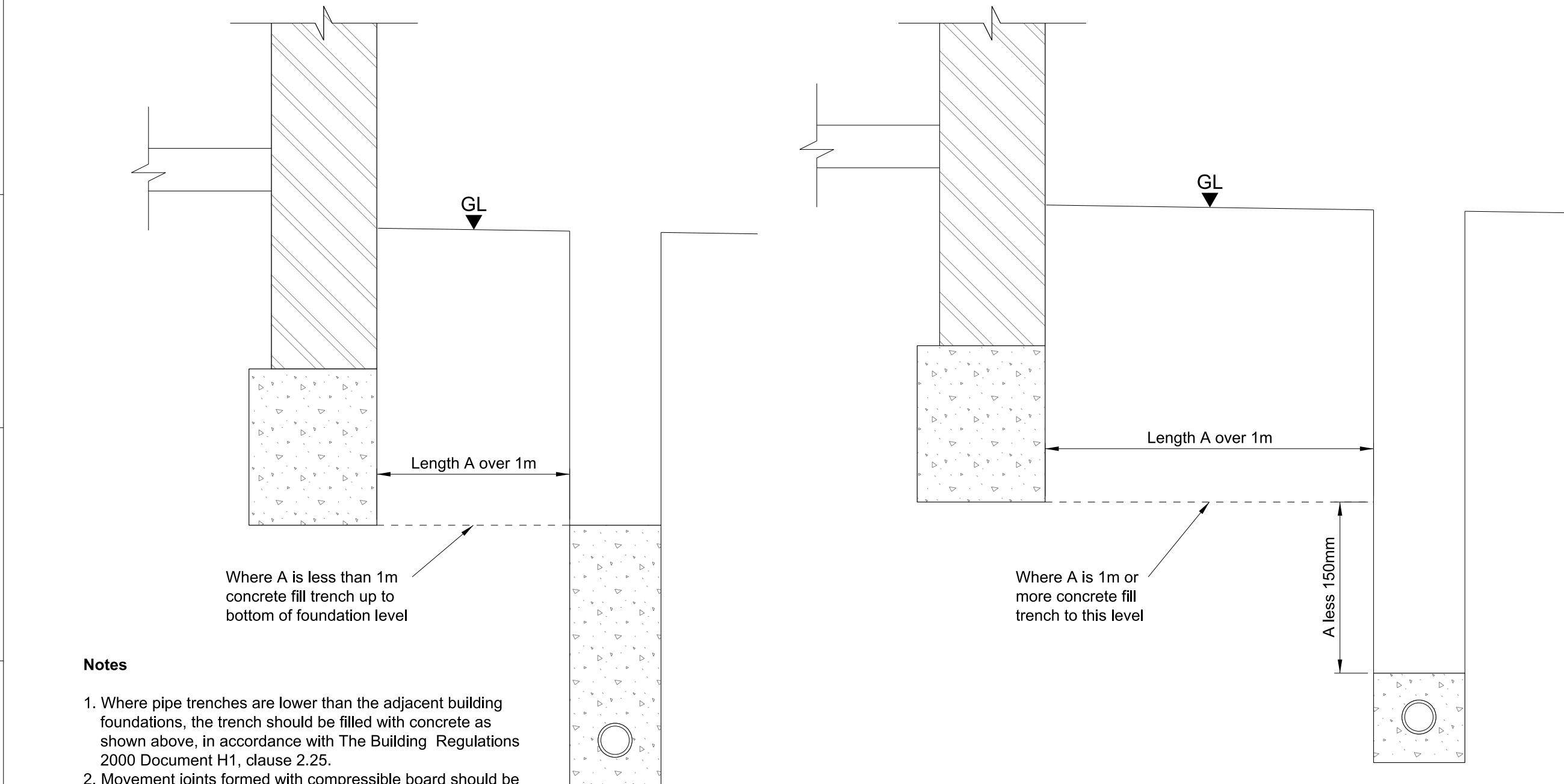
Typical Arrangement of Pipe Junctions within Manholes

Scale 1:25



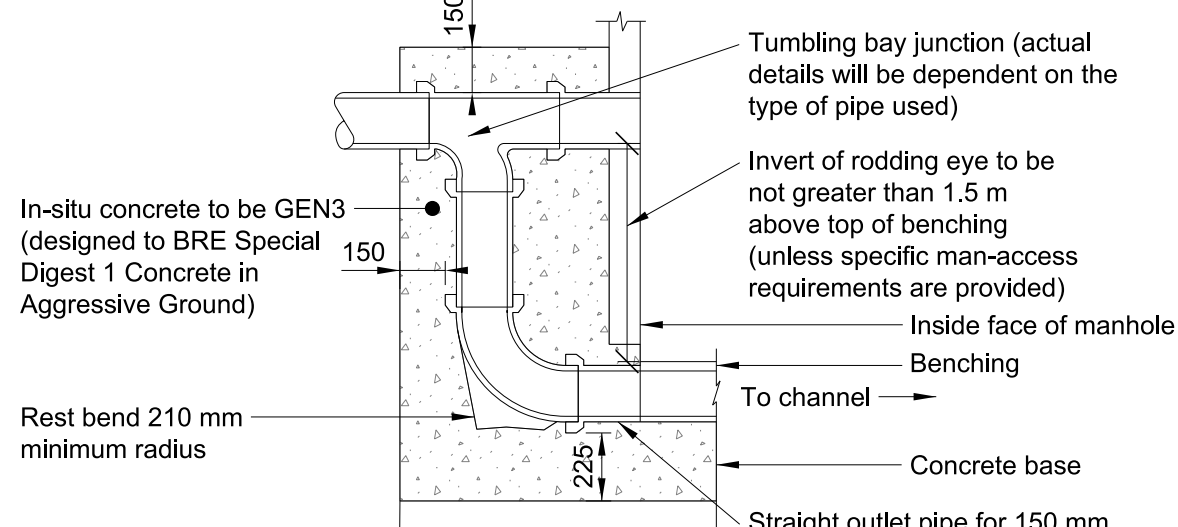
Rodding Eye Detail

Scale 1:25

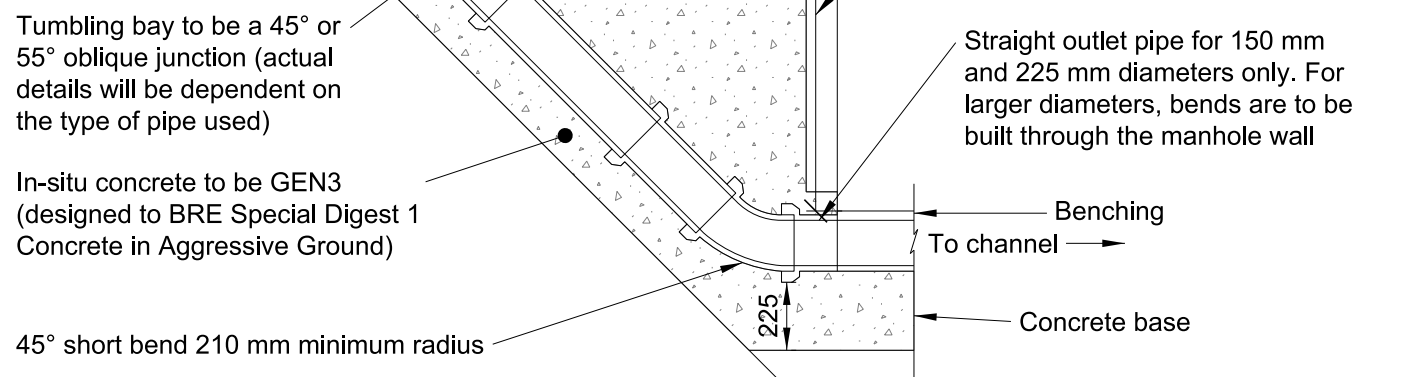


Pipe Runs Near Buildings Detail

Not to scale



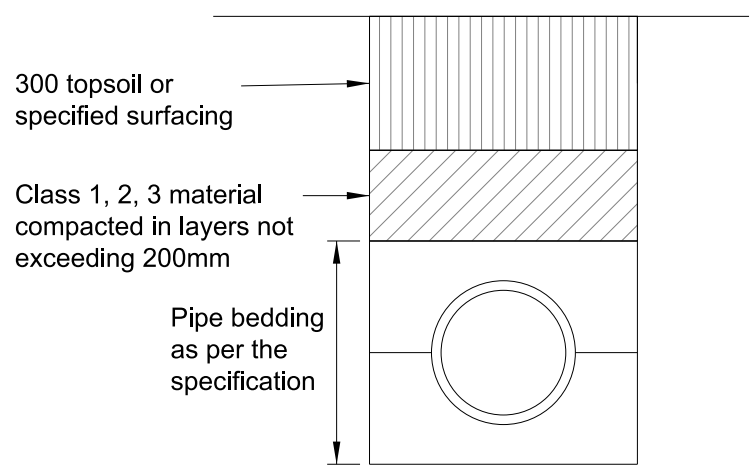
External Vertical Backdrop



External Ramped Backdrop

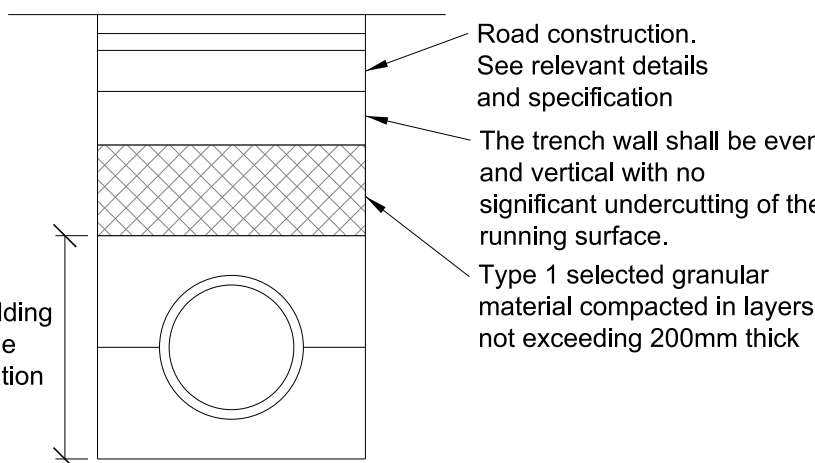
Typical Vertical and Ramped Backdrop Detail

Scale 1:25



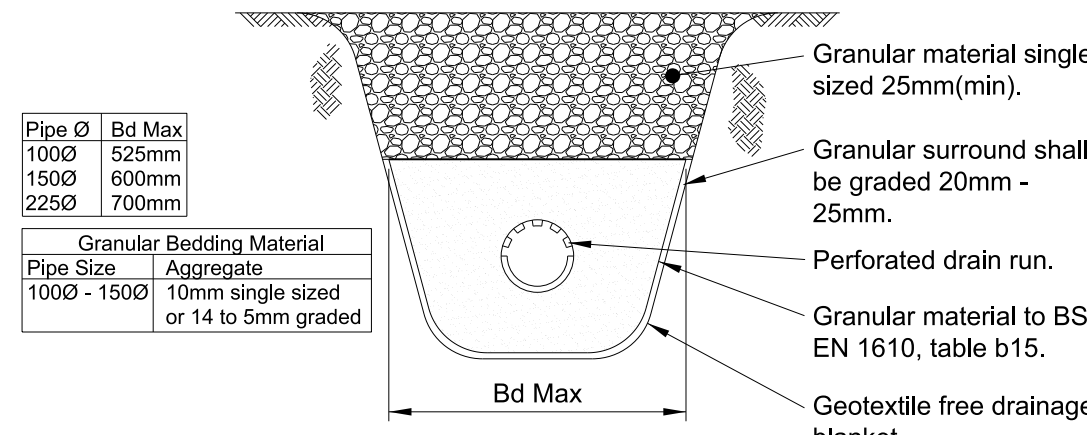
Trench Reinstatement In Landscaped And Non Trafficked Areas Detail

Scale 1:25



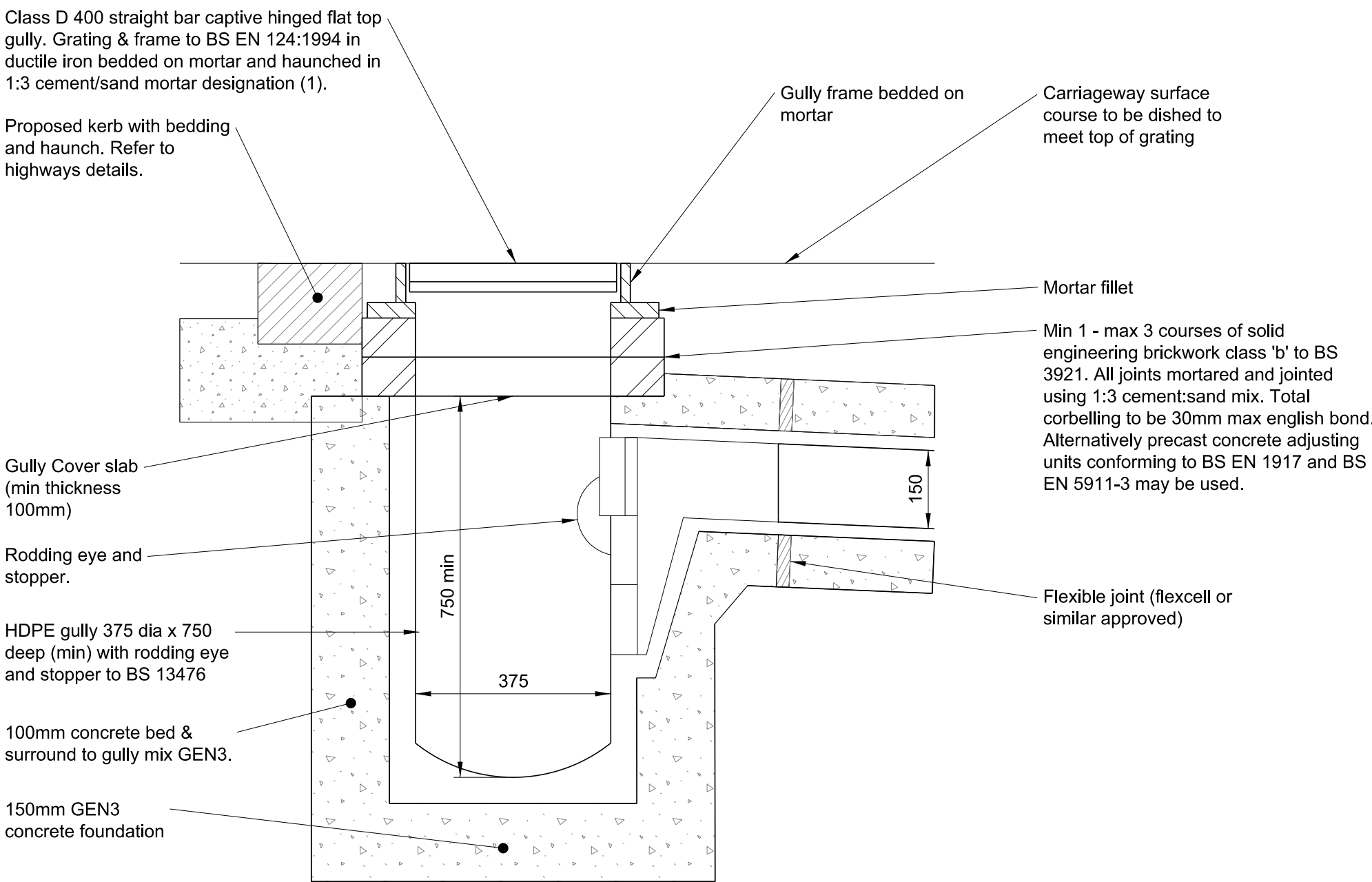
Trench Reinstatement In Roads, Car Parks And Other Trafficked Areas Detail

Scale 1:25



French Drain Detail

Scale 1:25



Typical Trapped Road Gully

Scale 1:10

Notes

- Where pipe trenches are lower than the adjacent building foundations, the trench should be filled with concrete as shown above, in accordance with The Building Regulations 2000 Document H1, clause 2.25.
- Movement joints formed with compressible board should be provided at each socket or sleeve joint face within the concrete filled trench.

Notes

- All dimensions are in mm, all levels in mAOD, unless specified otherwise.
- Do not scale from this drawing.
- This drawing should be read in conjunction with all relevant Engineer's and Architect's drawings, reports and specifications
- Concrete Requirements. Concrete to be in accordance with BS 8500 parts 1 and 2:
 - Concrete chemical class - Made ground: AC-3s DC-3
 - Natural ground: AC-1s DC-1
- Blinding: GEN 1
- Bases and Surround: GEN 3.
- Drainage construction materials:
 - Surface Water Drainage pipes - Polyethylene (for pipes over 600mm dia), Polypropylene (for pipes over 300mm dia) and PVC (for pipes under 300mm dia) in accordance with BS13476 to have BSI kitemark status (certified to WIS 4-35-01)
 - Foul Drainage Pipes - Vitrified Clay in accordance with BS EN 295
 - Manholes - Precast Concrete
 - Inspection Chambers - Polypropylene in accordance with BS 7158
- For the Infrastructure Specification refer to VNIF-ARP-ZZ-YYY-SP-C-0001. Where this drawing refers to a Clause/Figure/Table, this can be found in the "Design and Construction Guidance for foul and surface water sewers offered for adoption" - Rev 2.1 - dated 25th May 2021.

P01	17/12/21		DH	RG	RG	—
P02	22/07/22	WS4 Issue to BAM	DH	RG	LS	—
P03	08/08/22	Issued for Technical Approval	ES	DH	RG	—
P04	09/09/22	Issued for S104 Application	ES	DH	RG	—
P05	10/10/22	Full WS4 Issue	ES	DH	RG	—
P06	20/10/22	Issued for Full WS4	ES	DH	RG	—
Rev	Date	Description	By	Chkd	Appd	Auth

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Client



Project Title

Victoria North HIF Infrastructure & Enabling Works

Drawing Title

Drainage Details
Sheet 4 of 5

Scale at A1		AS SHOWN		Anup Job No		282022-00	
Role		Civil - Drainage					
Suitability		S4 - Issued for Construction Approval					
Rev	By	ES	Chkd	DH	Appd	RG	---
	P06	Date	19/10/22	Date	20/10/22	Date	20/10/22

Name							
VNIF - ARP - 00 - YYY - DR - CD - 0007							
Project	Originator	Volume	Location	Type	Role	Number	