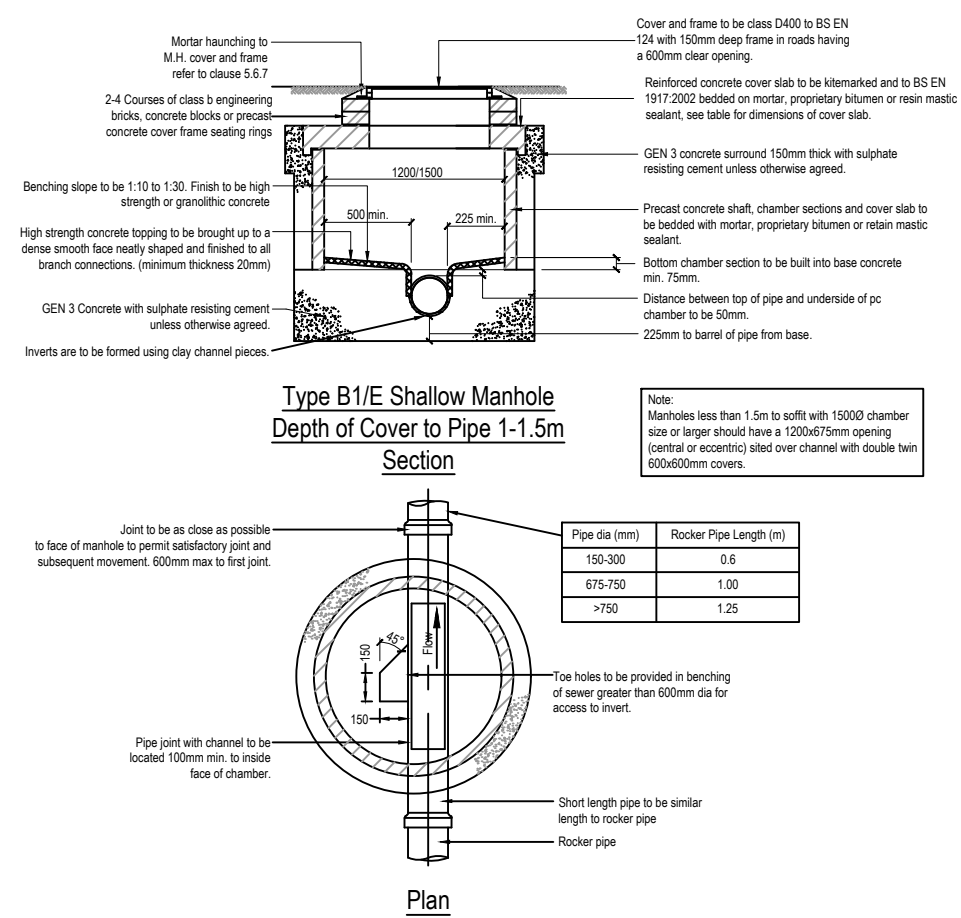


Polypropylene inspection chambers to BS 7158:2001
Kitemarked, min 450mm Ø to be Wavin Deep
Inspection Chamber or similar approved

Ductile cover and frame to BS EN 124:
Class B125 in untrafficked areas and
Class D400 in trafficked areas

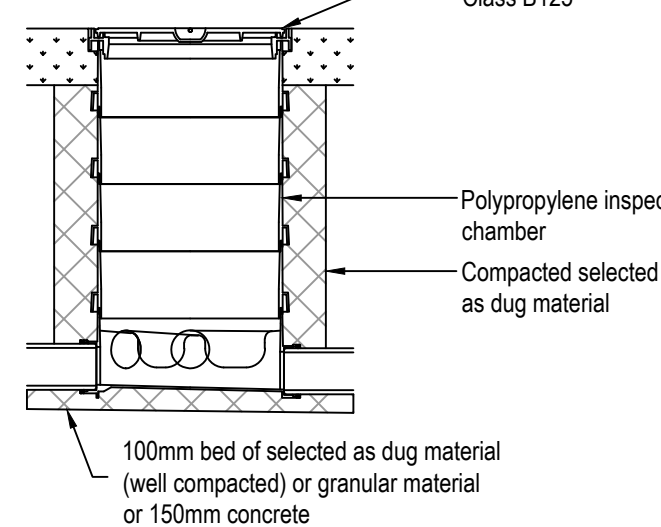


Polypropylene Inspection Chamber
(Depth 1.2 - 3m)

Scale 1:20

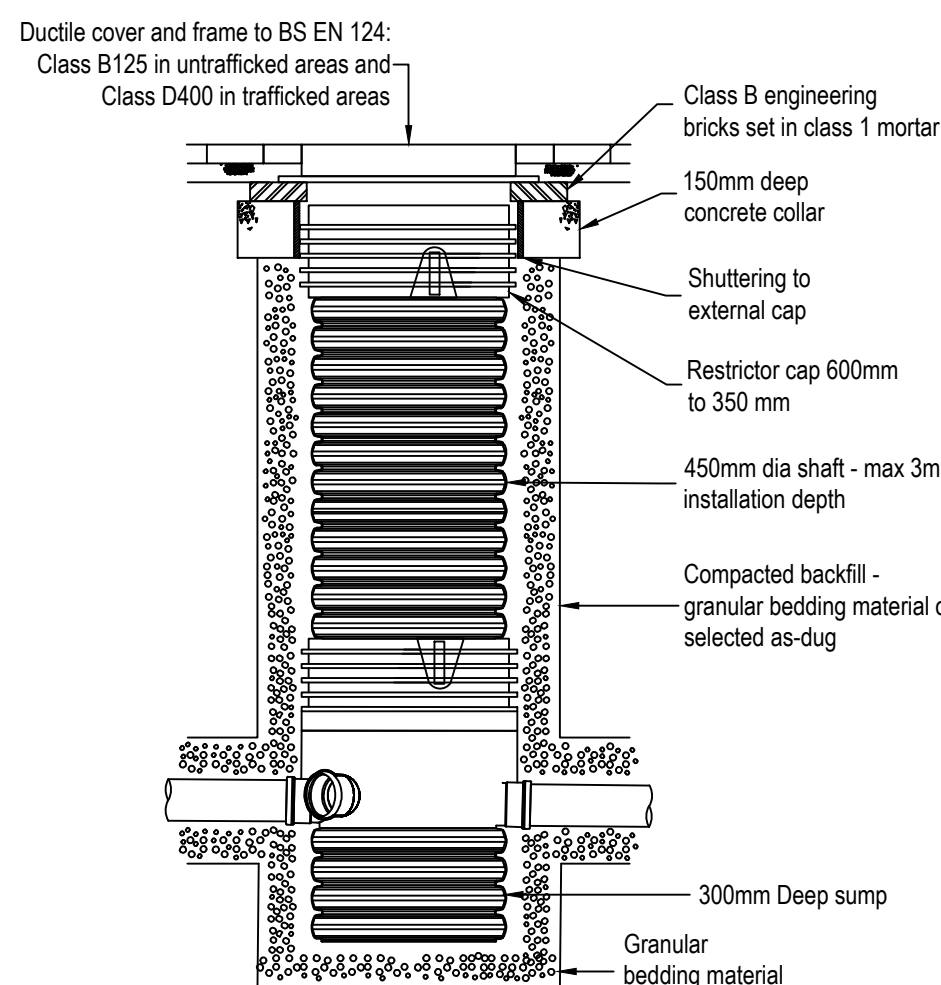
Polypropylene inspection chambers to BS 7158:2001
Kitemarked, min 450mm Ø to be Osmadrain Universal
Inspection Chamber or similar approved

Ductile cover and
frame to BS EN 124:
Class B125



Polypropylene Inspection Chamber
(Depth less than 1.2m) in Untrafficked
Areas

Scale 1:20

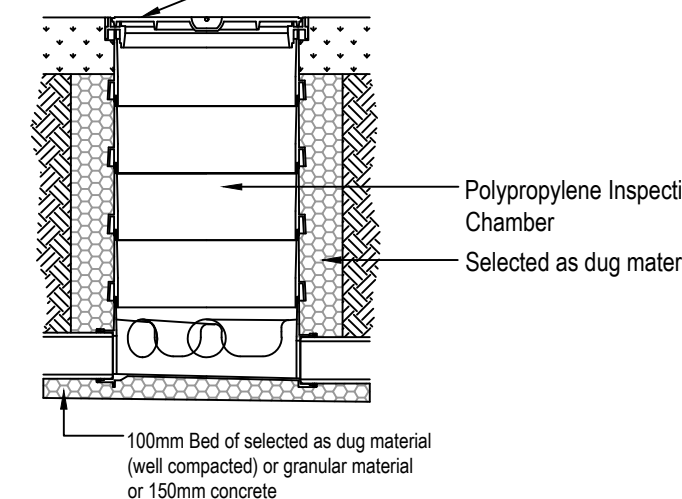


Polypropylene Inspection Chamber Catchpit

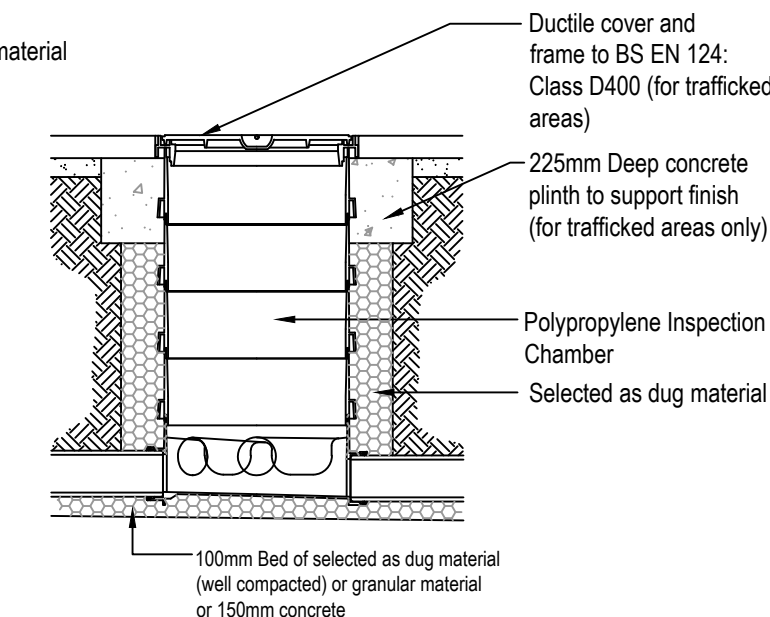
Scale 1:20

Polypropylene Inspection Chambers
to BS 7158:2001 Kitemarked, Min 450mm Ø
to be OSMADRIN UNIVERSAL inspection chamber

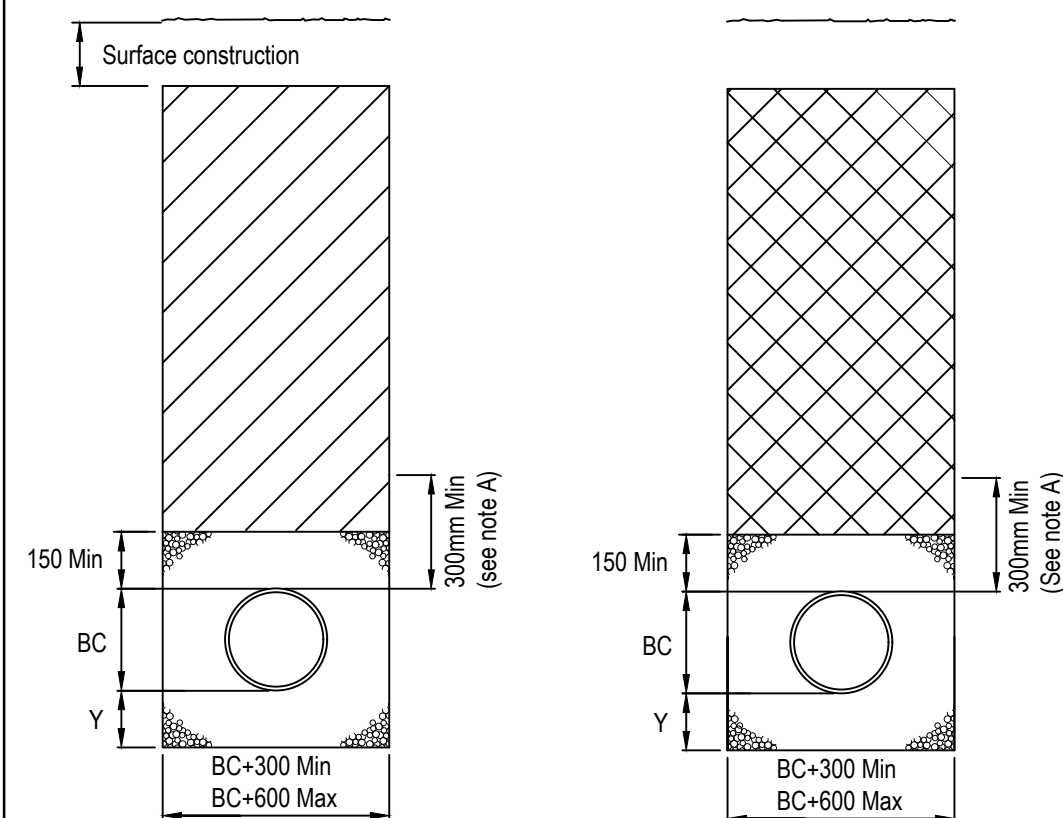
Ductile cover and
frame to BS EN 124:
Class B125



**Typical Polypropylene
Inspection Chamber in
landscaped areas**
1:20



**Typical Polypropylene Inspection
Chamber in trafficked areas**
1:20



Drains with Flexible Bed & Surround

Type 'S'

Applicable under roads/service yards where drains have
more than 1200 cover (if adopted) or more than 600 cover areas where drains have more than 900 cover (if adopted) or
(if not adopted)

Type 'S'

Applicable under footpaths verges and other non-trafficked
more than 1200 cover (if adopted) or more than 600 cover areas where drains have more than 900 cover (if adopted) or
(if not adopted)

Bedding & Trench Details

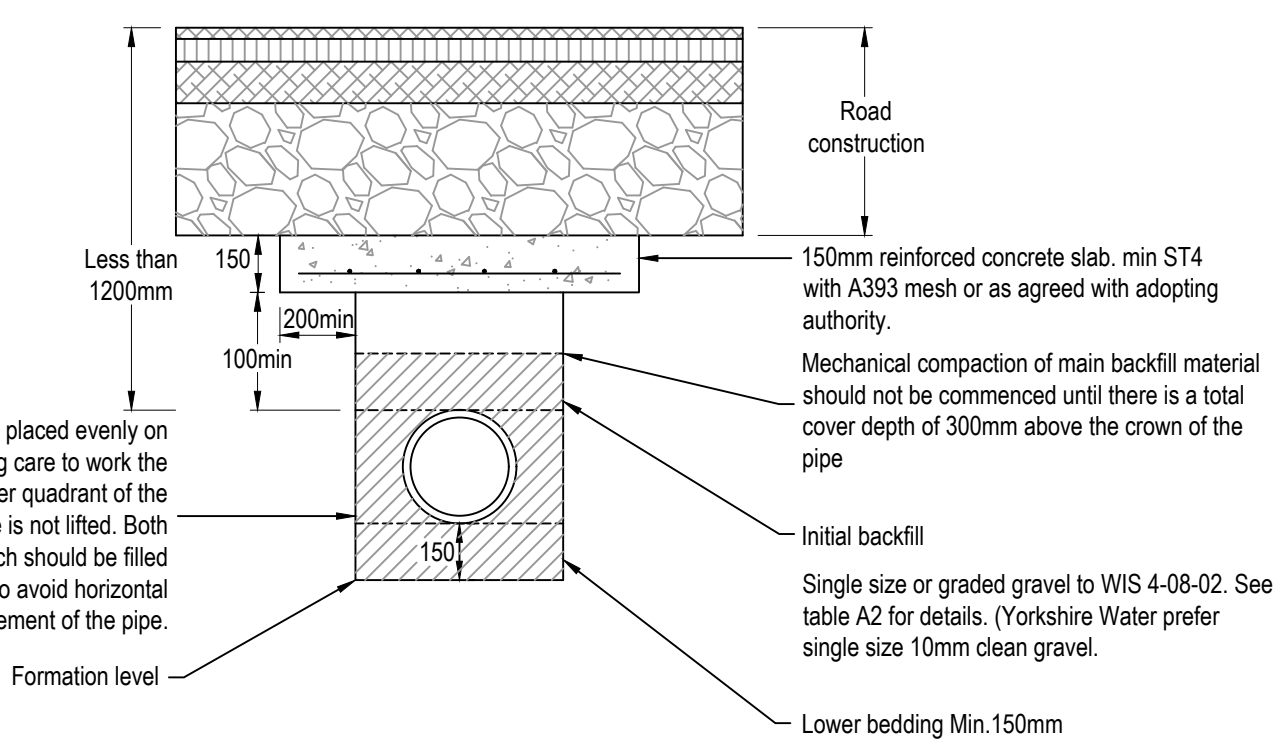
Scale 1:20

Key		Granular Material	
BC	Outside diameter of pipe.	Dia. of Drain	Aggregate
Y	BC/6 OR 100mm under barrels and 50mm min. under sockets whichever is greater (400mm max.)	100mm	10mm single size
or		150mm	10mm or 14mm single size or 5-20mm graded.
Y	BC/4 or 200mm under barrels and 150mm min. under sockets whichever is greater (400mm max.) For trenches in hard material.	225mm-525mm	10mm or 14mm single size or 5-20mm graded.
		Over 525mm	10, 14, 20 or 40mm single size or 5-20mm graded.
		Note A No mechanical compaction within 300mm of crown of pipe.	
		Note B Where drains are laid under buildings refer to engineer for further details.	

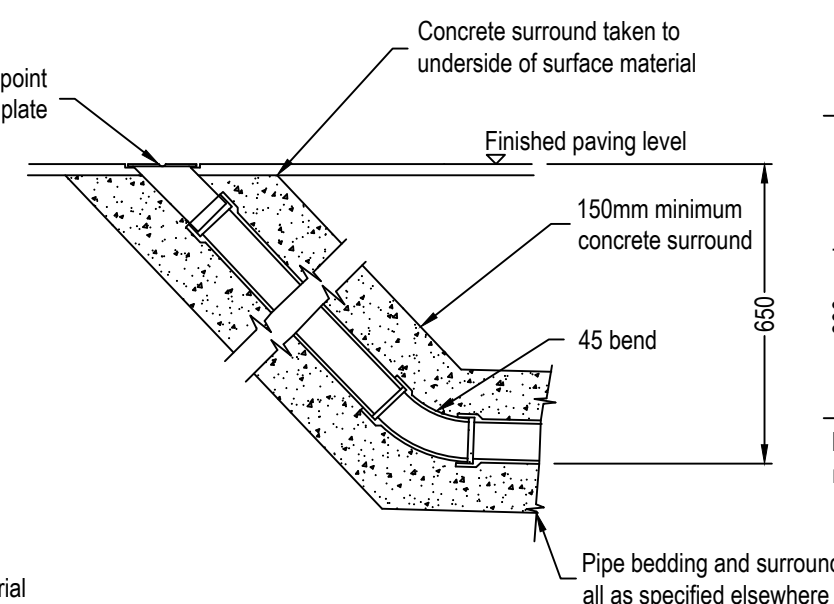
Type Z Concrete Protection

Type 'Z'

Applicable under roads/service yards where drains have less than 1200 cover or footpaths verges and other
non-trafficked areas where drains have less than 600 cover



Trench width = PIPEØ + 300mm

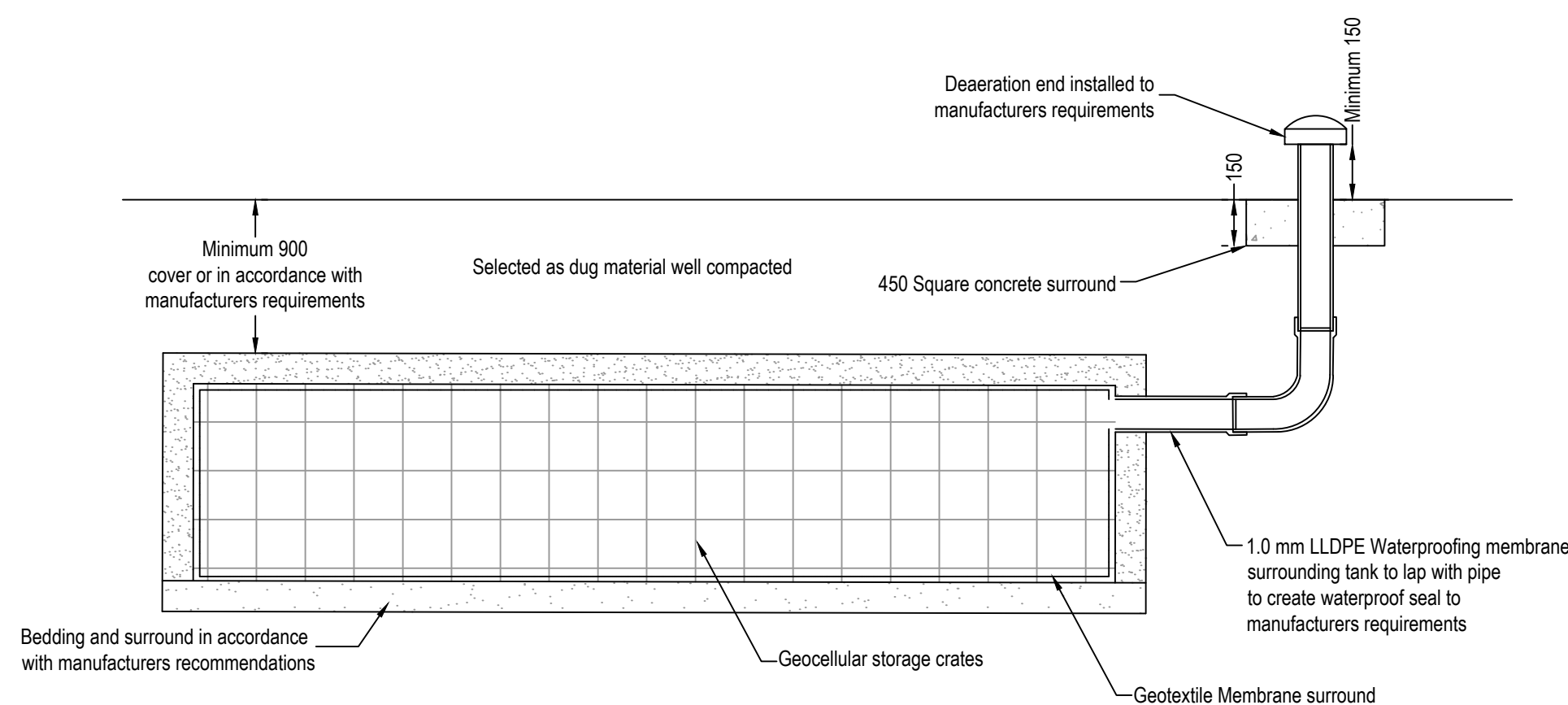
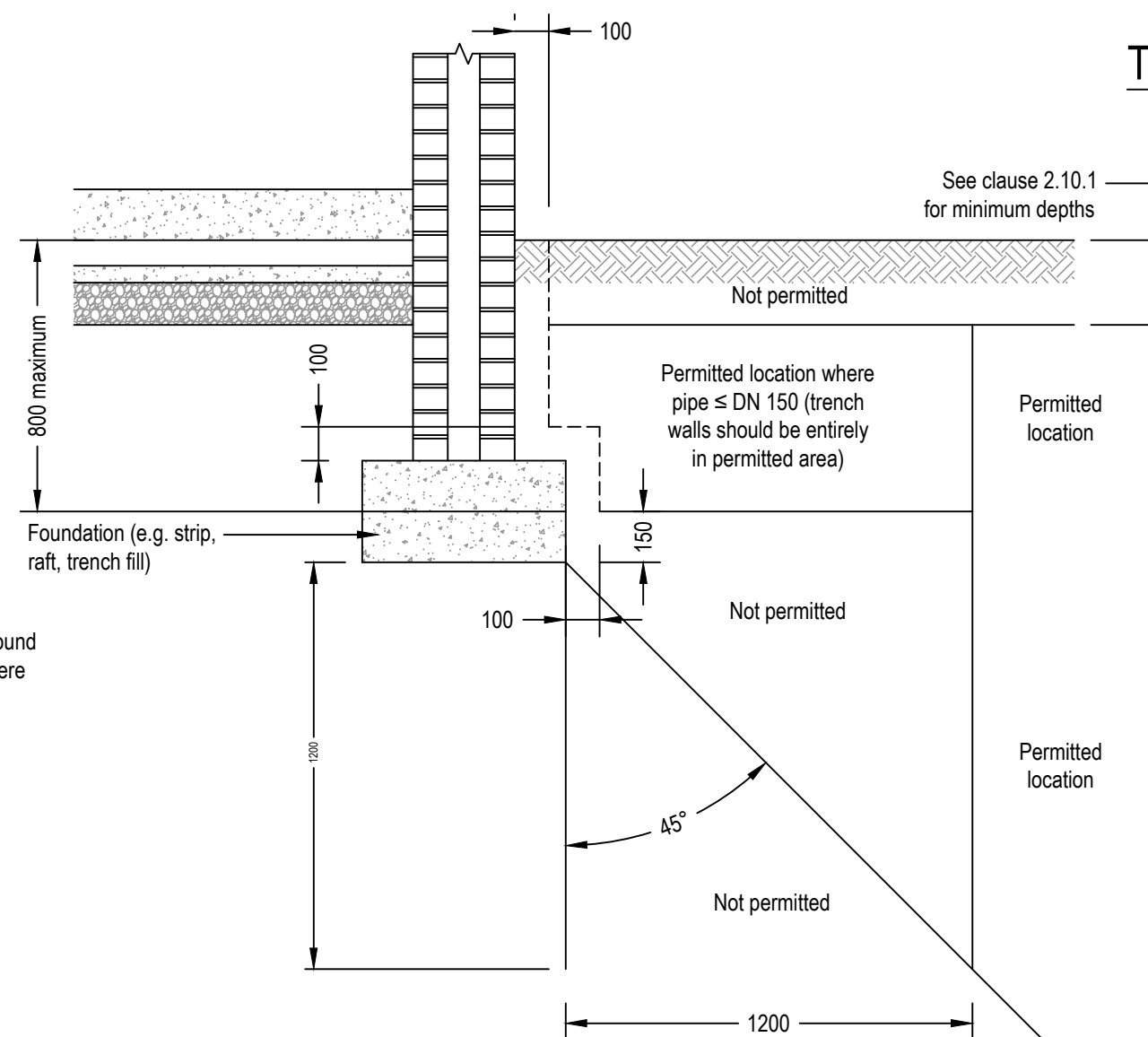


Typical Rodding Eye Detail

Scale 1:20

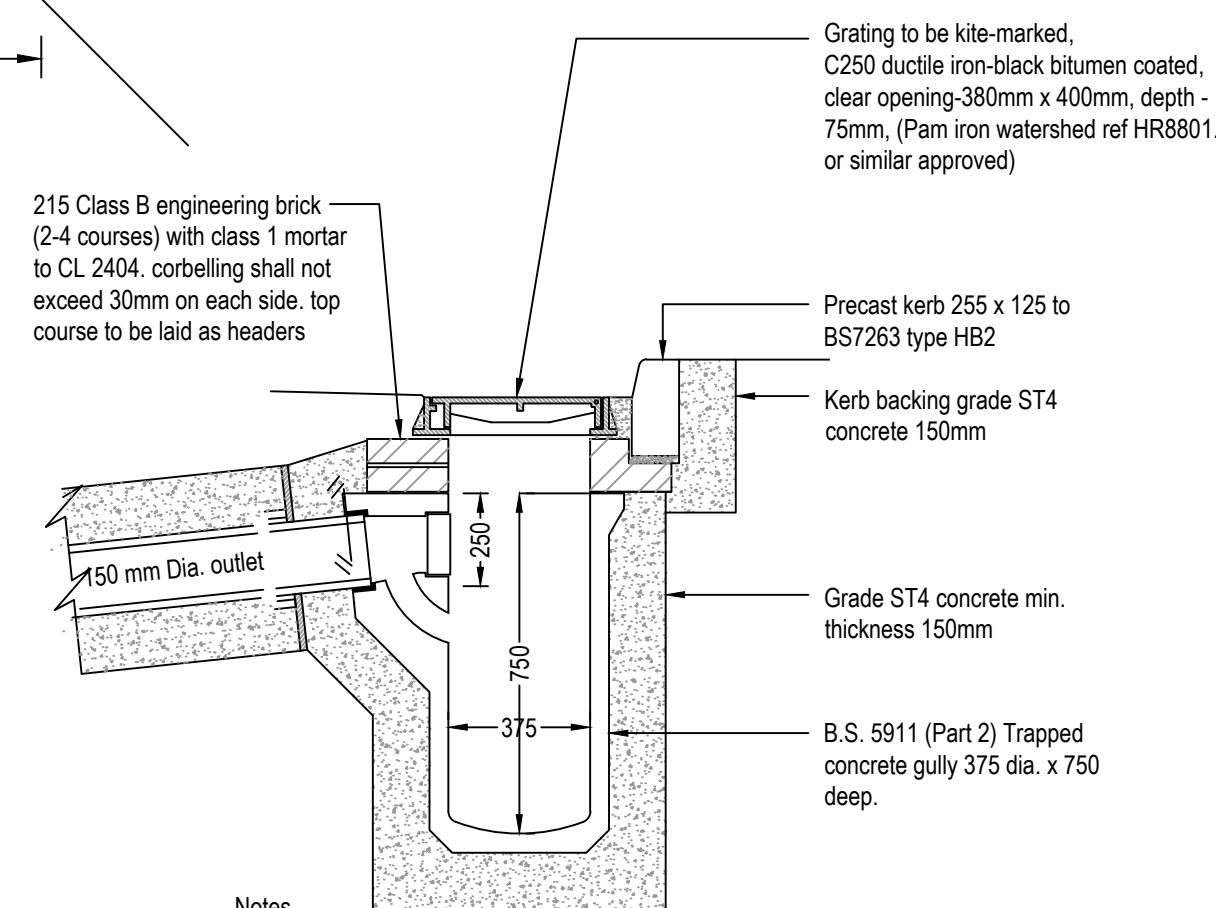
**Permitted Location Of Sewers And
Lateral Drains In Proximity To Buildings**

Scale 1:20



**Typical Cellular Storage
Section Detail**

1:20



Notes

- Desirable min. slope of gully outfall to be 1 in 10.
- Gully connections to be Type Z bed and surround to 1.2m depth.
- Excavations around gullies to be backfilled with Class 1 material as described in table 6/1 and compacted as described in compliance with Clause 612, where mechanical compaction is impracticable, the excavation is to be backfilled with grade ST2 concrete.

Precast Concrete Road Gully Detail

1:20

P1	Preliminary - Initial Issue	26.07.23	TM
REV	DESCRIPTION	DATE	BY
Project: Boulton Moor, Derby			
Client: LNT Construction			
Drawing: Private Drainage Details Sheet 1			
Drawn By: TM	Date: 25/07/2023		
Checked: GS	Scale: As Shown @ A1	A1	
Drawing No: AMA/22181/D/501	Rev: P1		