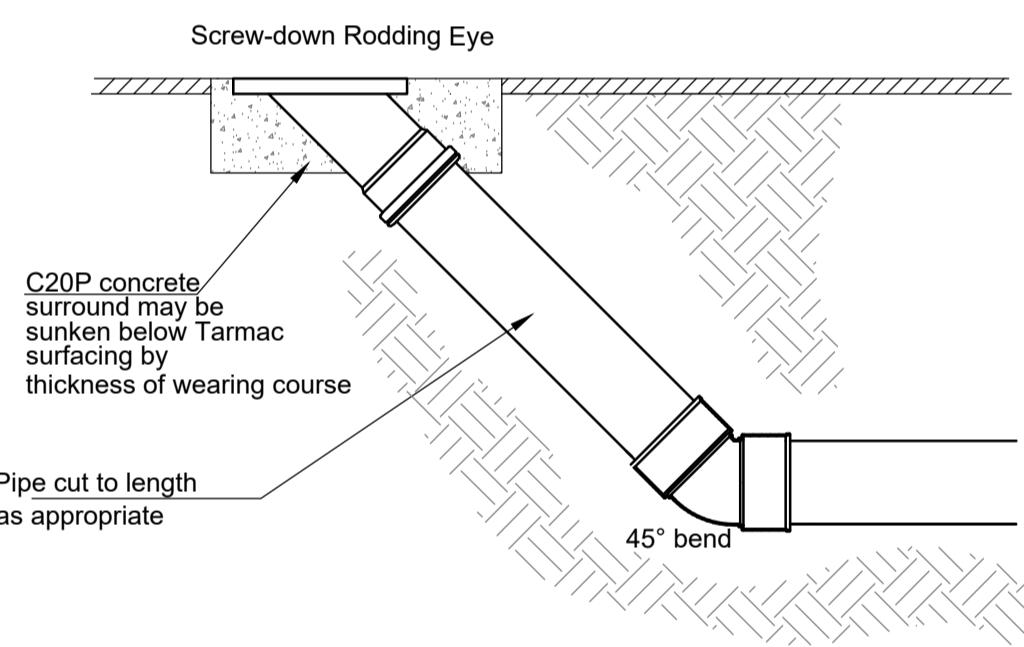


Typical Inspection Chamber Detail - Type D

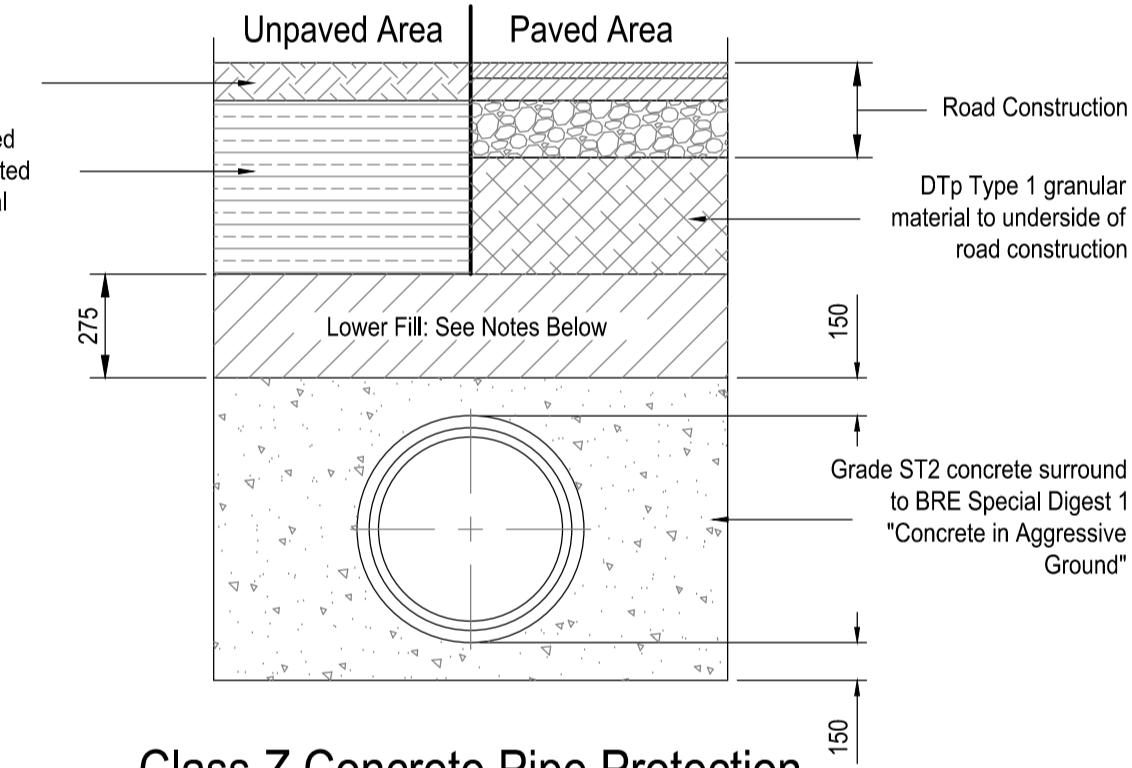
Maximum depth from cover level to soffit of pipe in areas subject to vehicle loading 3m, non entry

Scale 1:25



Rodding Eye

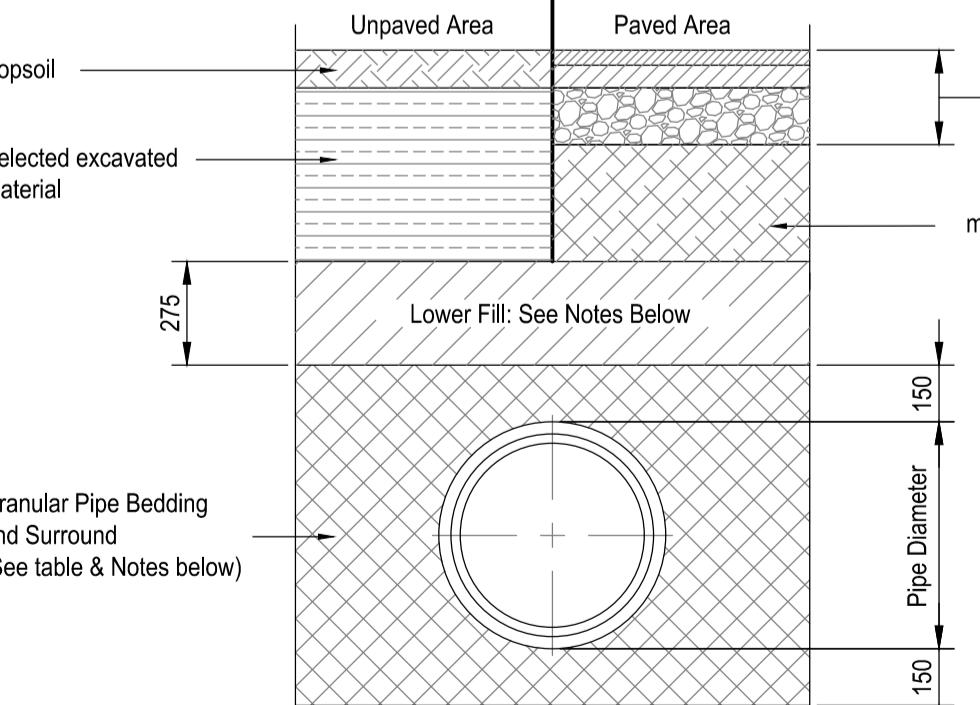
Scale 1:20



Class Z Concrete Pipe Protection

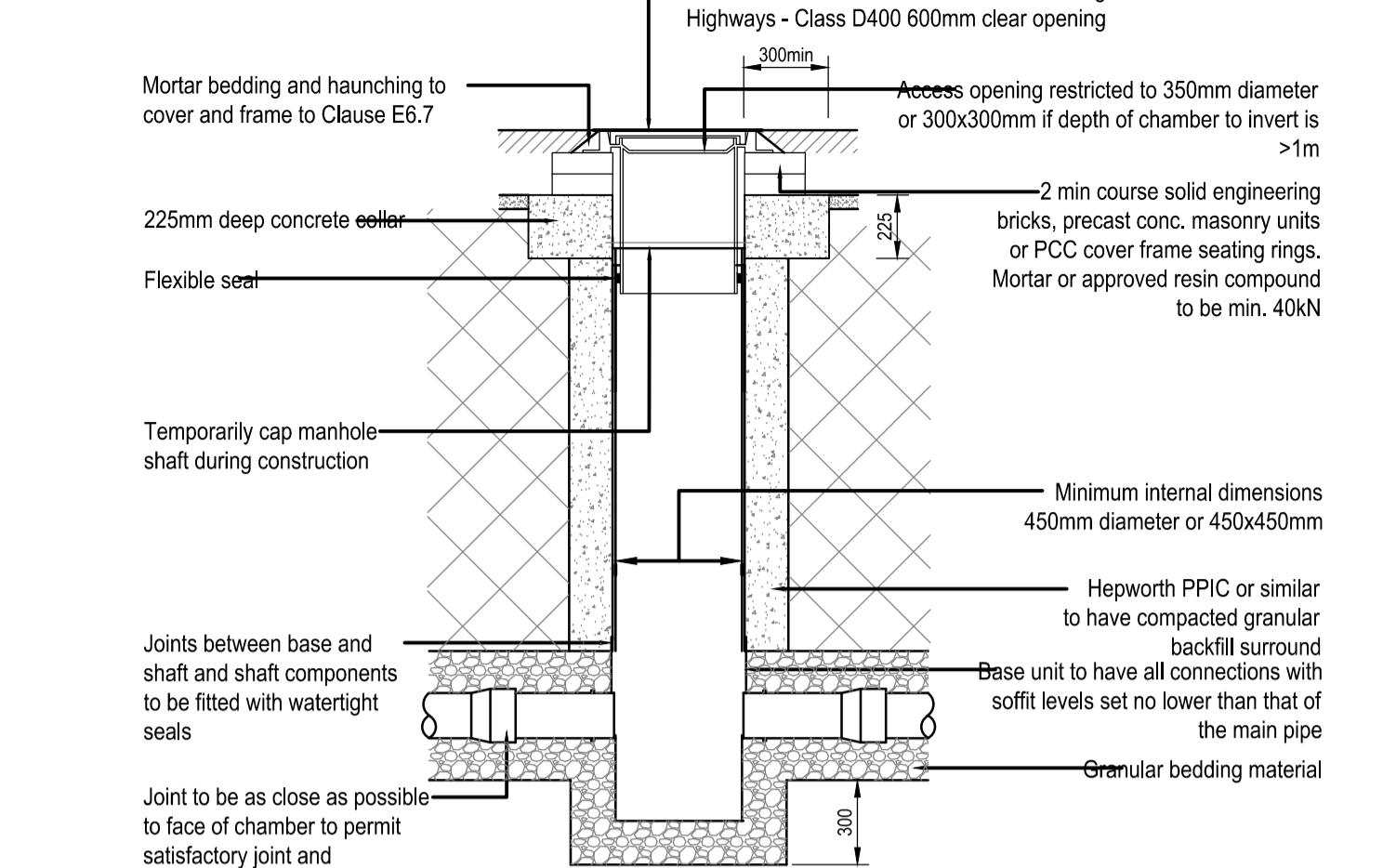
Carriageway-Less than 1200mm Cover
Open Space-Less than 900mm Cover

Scale 1:20



Class S Granular Bed And Surround

Scale 1:20



Polypropylene Catch-Pit Chamber Detail

Maximum depth from cover level to soffit of pipe 3m (non entry)

Scale 1:25

Manhole Diameters Table

Nominal internal diameter of largest pipe in manhole (mm)	Minimum nominal internal dimension of manhole (mm)
Less than 375	1200
375-450	1350
500-700	1500
750-900	1800
Greater than 900	Pipe diameter > 900

Rocker Pipe Table

Nominal diameter (mm)	Effective length (m)
150 to 600	0.6
600 to 750	1.0
over 750	1.25

Granular Pipe Bedding Material

Nominal Pipe Dia (mm)	Aggregate	
	Graded	Single Sized
Not exceeding 140	-	4/10
Exceeding 140 but not exceeding 400	2/14 or 4/20	4/10, 6/10 or 10/20
exceeding 400	2/14, 4/20 or 4/40	4/10, 6/14, 10/20 or 20/40

Notes:

Aggregate to pipe bed and surround shall comply with the Manual of Contract Documents For Highway Works, Specification For Highways Works 3:500, Selected backfill - Class 8 macadam material to comply with the Manual of Contract Documents For Highway Works, Specification For Highways Works series 600.

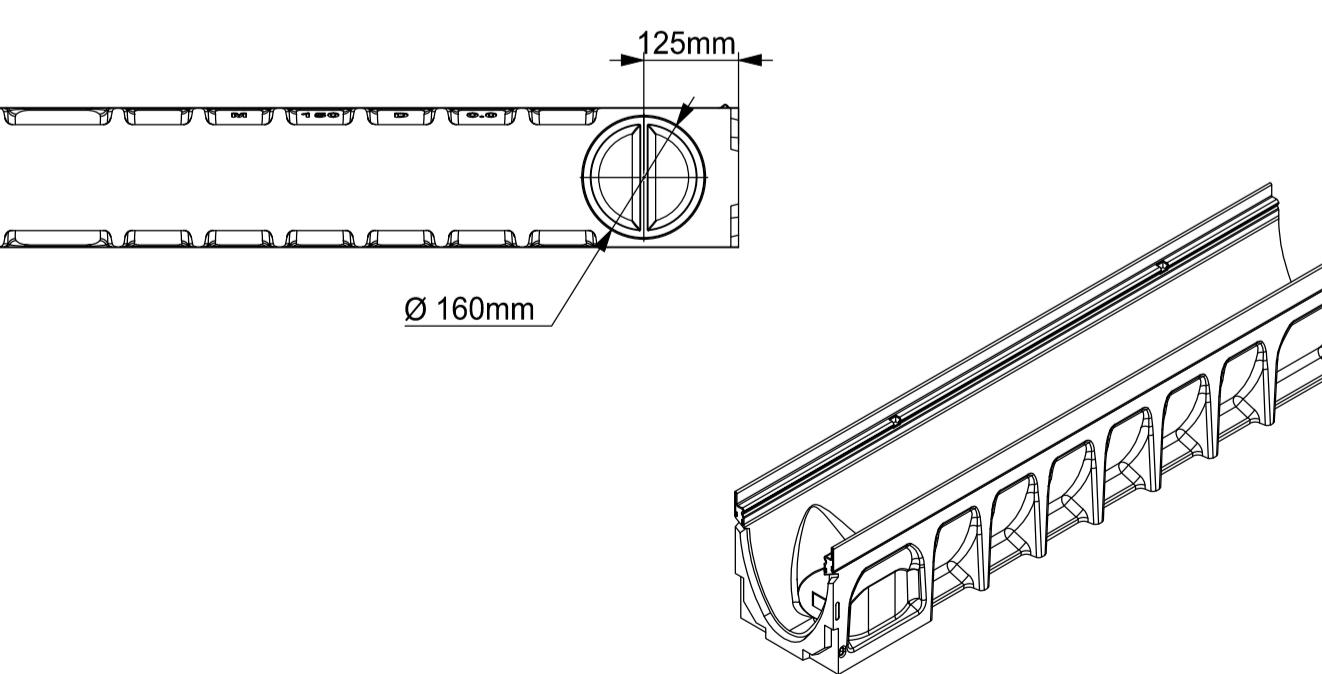
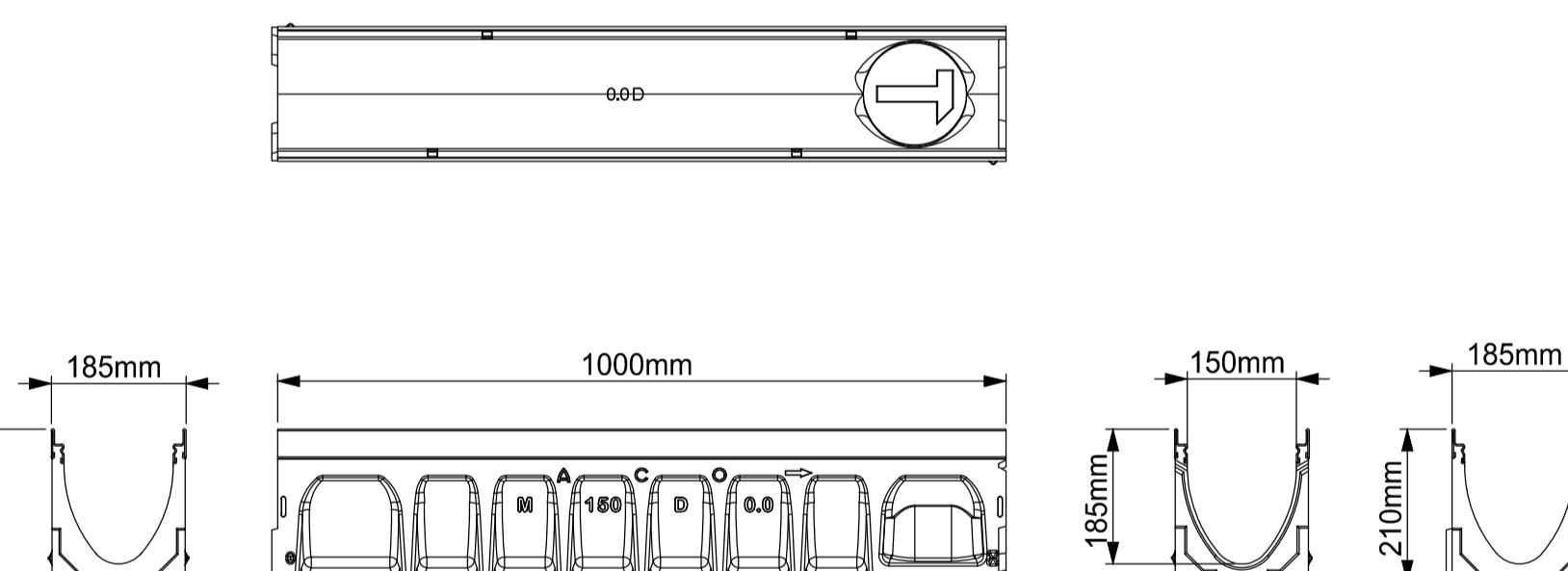
Lower Fill: Lower fill above bedding and below manfill to a thickness of 275 mm. The material shall be well graded and be within the grading limits as follows - BS sieve size 40 mm 100 10 mm 45-85 5 mm 25-65 0.600 mm 8-45 0.075 mm 0-2 Material to be laid and compacted (by hand) in 100 mm layers.

Trench Backfill:

In Highway: Mot Type 1 granular material

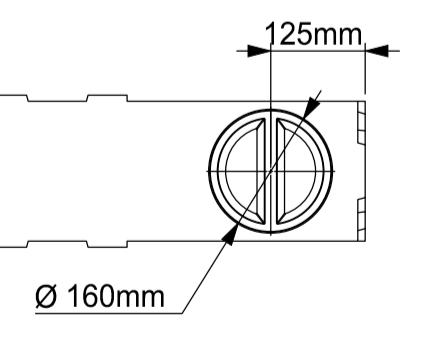
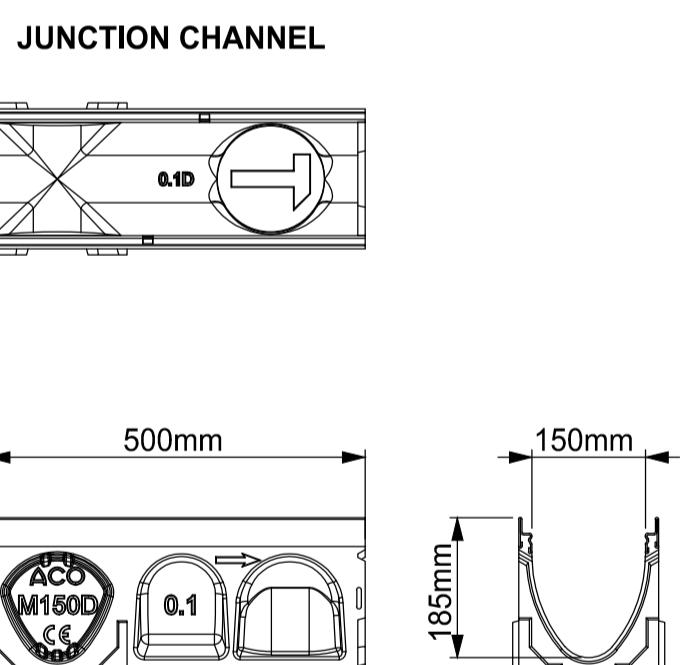
In Carpark: Suitable granular material

In Soft Landscape and footpath: Suitable excavated natural material



MultiDrain M150D Channels

Scale 1:10



0 First Issue BS MF GP 18.12.24
Rev Description By Chk App Date
Purpose of Issue : WORK IN PROGRESS Status Code :
Status Code : WORK IN PROGRESS

ACIES
an RSK company

LANCASTER HOUSE,
67 NEWHALL STREET, BIRMINGHAM,
B3 1NQ
Tel : 0121 270 6962
www.aciesgroup.co.uk

Client : ATEP Architects + Building Surveyors
Project : Queensmere House
East Grinstead

Drawing : Drainage Construction Details
Sheet 1 of 2

Acies Job No : 3470118 Scale @ A1 : AS Shown
Drawing No : 0118-ACS-XX-XX-DD-9210 Rev : P01

Acies Civil and Structural Limited
This drawing is to be read in conjunction with the Contractor's drawings.
Any discrepancies to be referred to the Contractor for interpretation of works.
Work from marked dimensions only. Do NOT scale from this drawing.
All dimensions and levels to be checked on site by Contractor.
Registered office: Spring Lodge, 172 Chester Road, Helsby, Cheshire, WA6 0AR, UK.
Registered in England No. 7195701

1. This drawing is to be read in conjunction with all relevant Architects, Engineers and other specialist details and specifications.
2. Do not scale from this drawing.
3. This drawing must be read in conjunction with drawing 0118-ACS-XX-XX-DD-9200 Proposed Drainage Layout.
4. Drawing issued for PRELIMINARY discussions only, further to approval from Planning, Local Authority, Sewerage Undertaker, Environment Agency and any other governing parties. Following receipt of further information and comments the scheme may be revised.