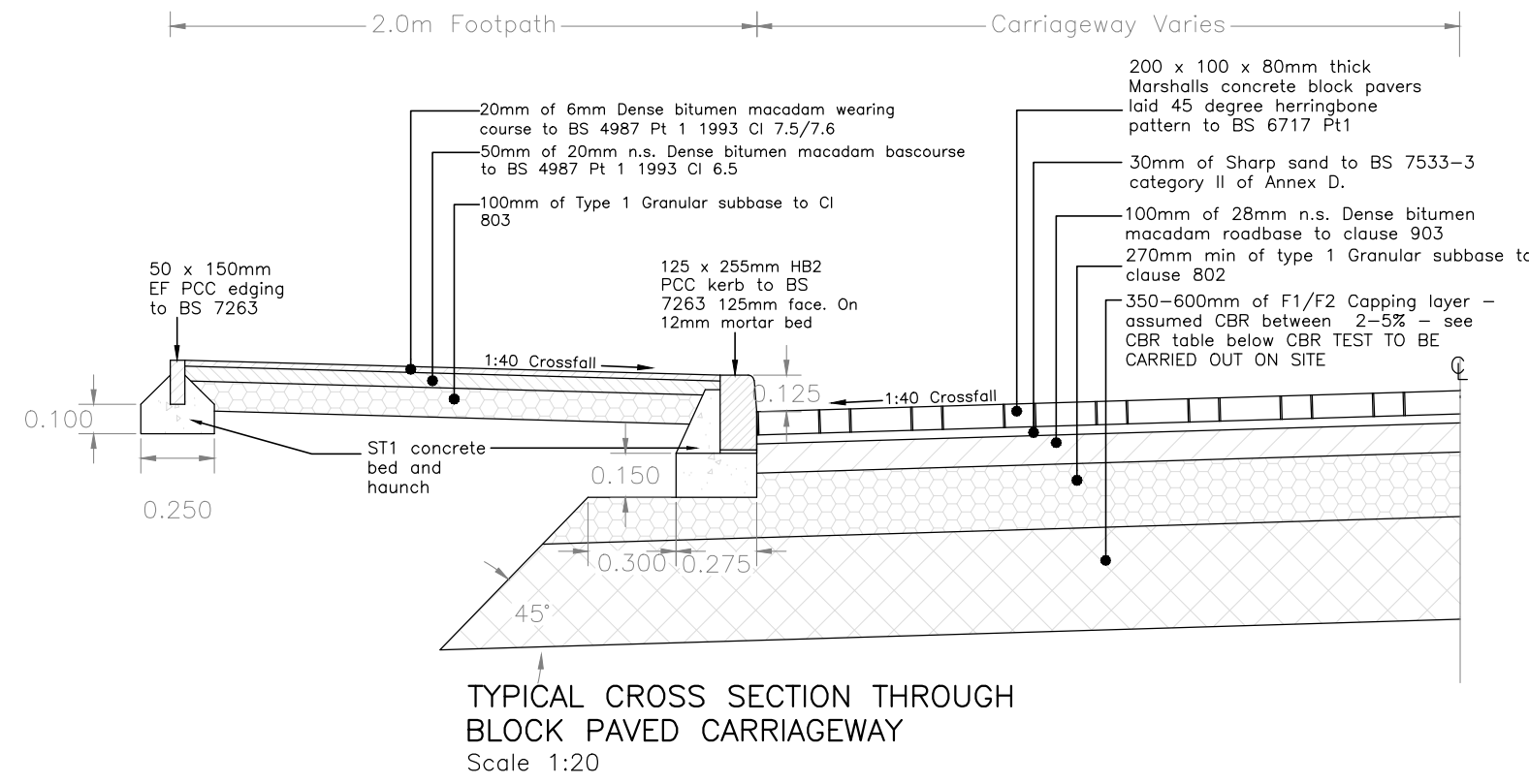
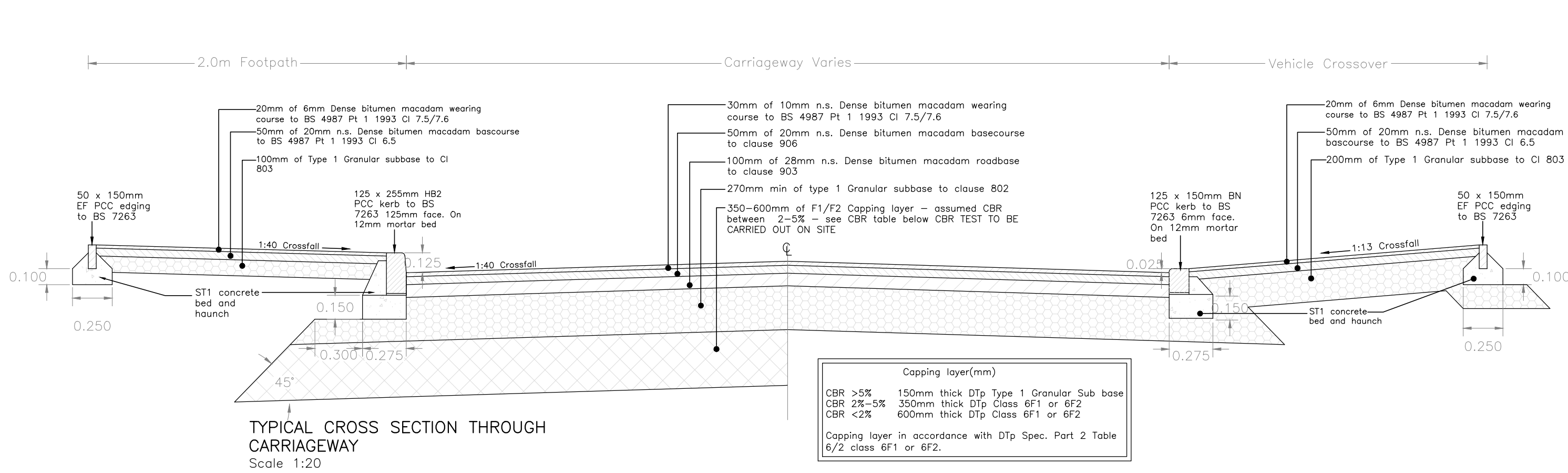
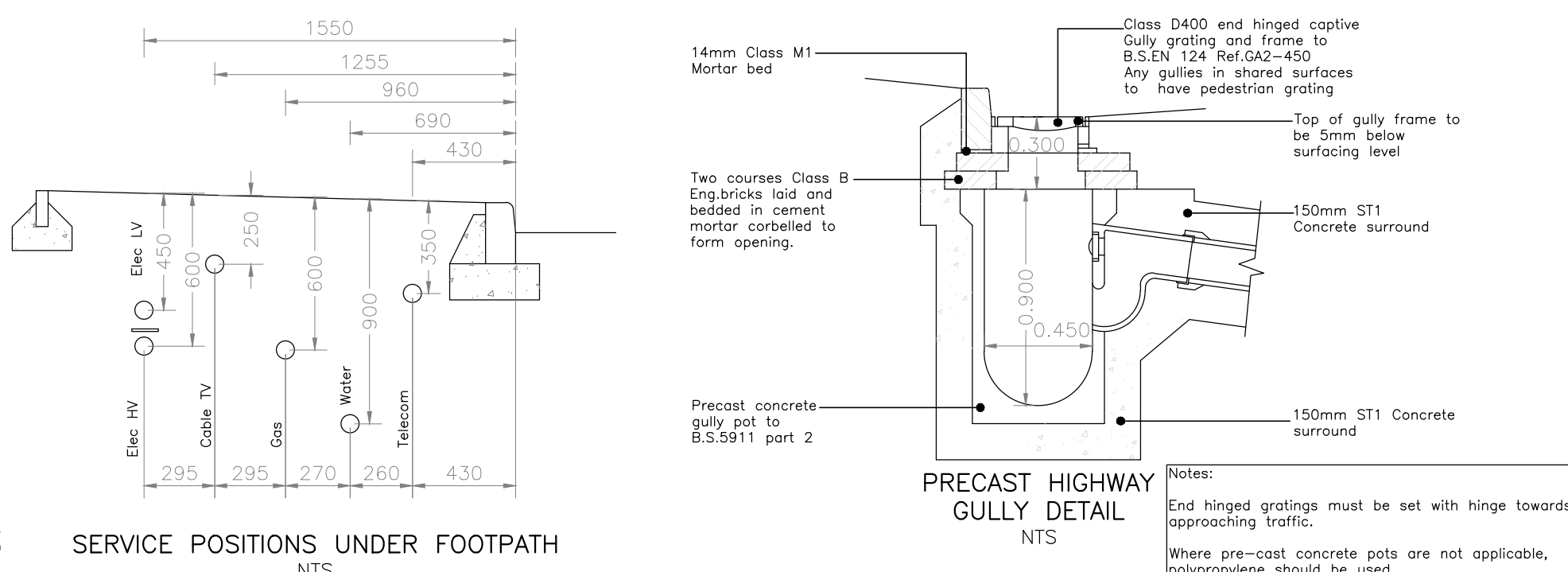




PERMEABLE BLOCK PAVING GRADINGS

Recommended BS EN 12620 aggregate (mm)		Recommended BS EN 12620 aggregate (mm)	
2/6.3		4/20	
Sieve size (mm)	Percentage by mass passing ISO 565 sieve	Sieve size (mm)	Percentage by mass passing ISO 565 sieve
31.5		31.5	
20		20	
14		14	
10		10	
6.3		6.3	
4		4	
2		2	
1		1	
0.063		0.063	



NOTES:
 1. Do not scale from this drawing.
 2. Cover grade shall be minimum D400 unless otherwise agreed with the Highway Inspector. 675mm clear opening.
 3. Manhole cover and frames shall comply with the relevant provisions of BS EN 124, BS 7903 and Highway Agency Guidance Document HA 104/02. They shall be of a non-rocking design which does not rely on the use of cushion inserts. All manhole covers shall be the non-ventilating type and shall have closed keyways.
 4. Frames shall be bedded on a gauged Class 1 (3:1) sand/cement mortar to Cl 2402 of SSW Mortar Designation (I), and between 2 and 4 courses of engineering brickwork class 'B' to BS EN 771-1:2011.
 5. Steps for manholes and other chambers shall be Type D Class 1, complying with the requirements of BS 5911: Part 2, 200 & 230.
 6. Precast concrete manhole pattern step irons at 300mm centres vertically and staggered 300mm horizontally between centres.
 7. On manholes less than 1.5m² reducing slab not to be used and PC rings to continue up to cover slab.
 8. Pre-cast concrete products shall comply with the relevant provisions of BS 5911: Part 2, 200 & 230.
 9. The number of incoming branches and invert levels may vary.
 10. Cover and frame may be installed as a 'gully top' where appropriate.

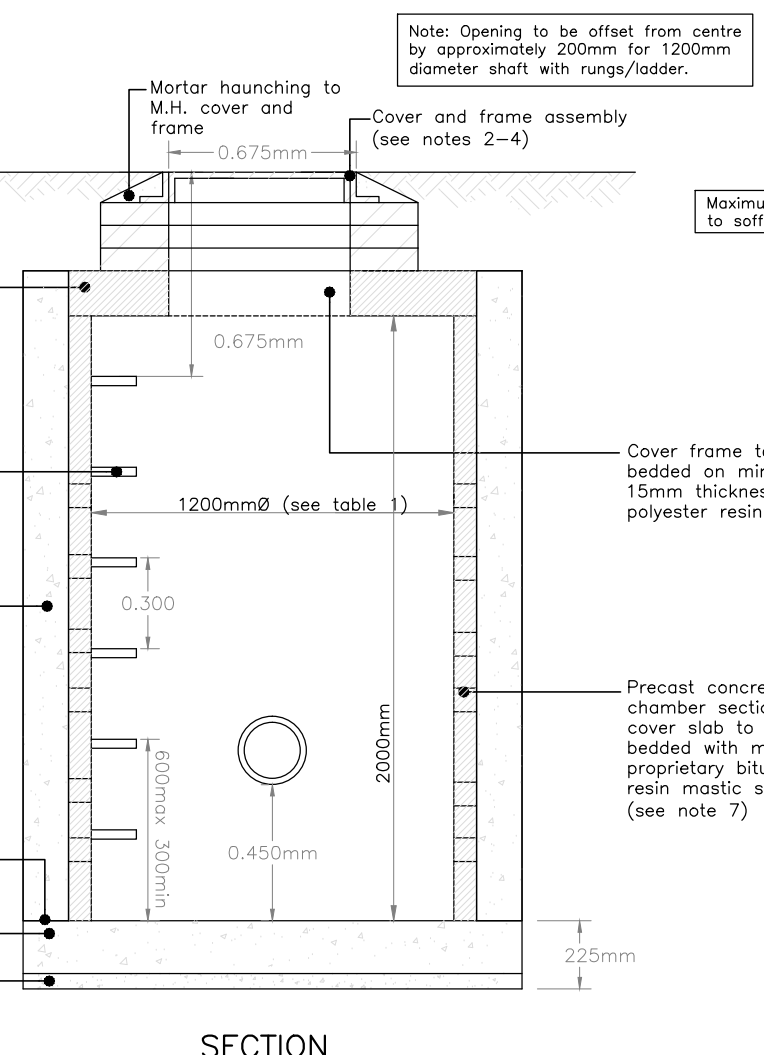
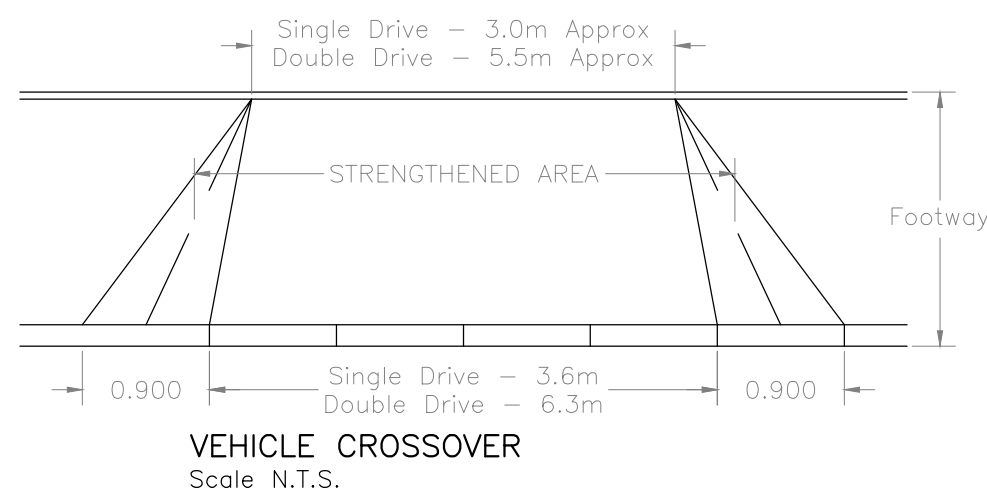
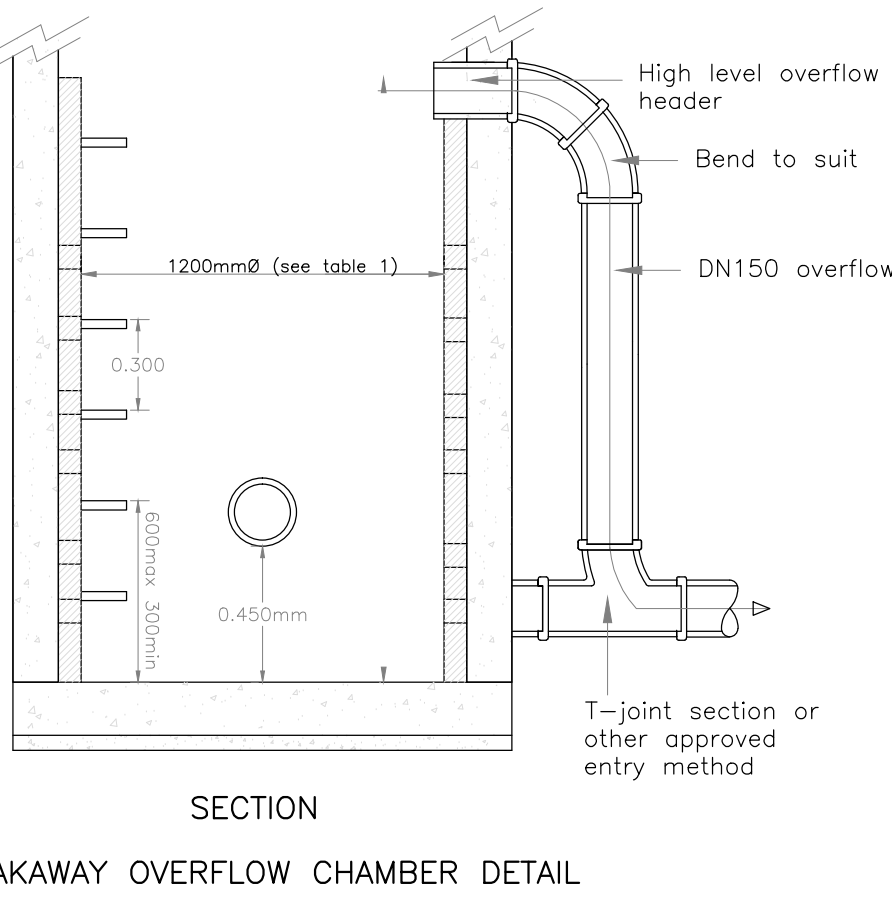
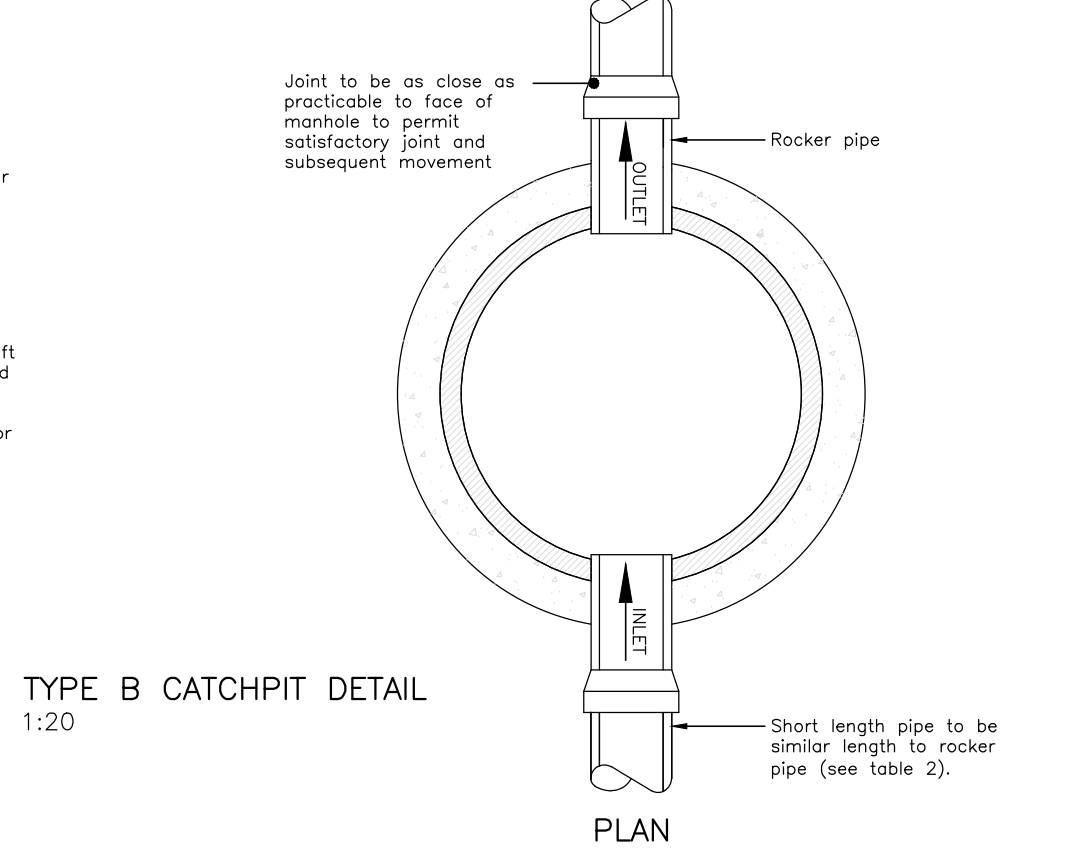


TABLE 1

DIAMETER OF LARGEST PIPE	INTERNAL DIA. OF MANHOLE
<375mm	1200mm
375-700mm	1500mm
750-900mm	1800mm

TABLE 2

NOMINAL DIAMETER	EFFECTIVE LENGTH
150-600mm	0.6m
>600-750mm	1.0m
>750mm	1.25m



PRELIMINARY

D	03.09.14	Block paved carriageway detail added.	TC
C	05.03.14	Soakaway overflow chamber detail added	JOK
B	03.12.13	Soakaway details updated.	AMc
A	26.11.13	Permeable private drive detail amended.	TC
REV. No.	DATE	DESCRIPTION	INITIALS
Client			
 MJA CONSULTING CIVIL AND STRUCTURAL ENGINEERS 58-62 Oak Street, Abingdon Oxon, OX14 5BZ Tel: 01235 555173 Fax: 01235 523226			
Project			
Goodheav Close Yapton			
Title			
Construction Details			
Scale		Date	Drawing No.
1/250@A1		Jul '13	4822:20
Checked		Drawn	Rev
		TC	D

