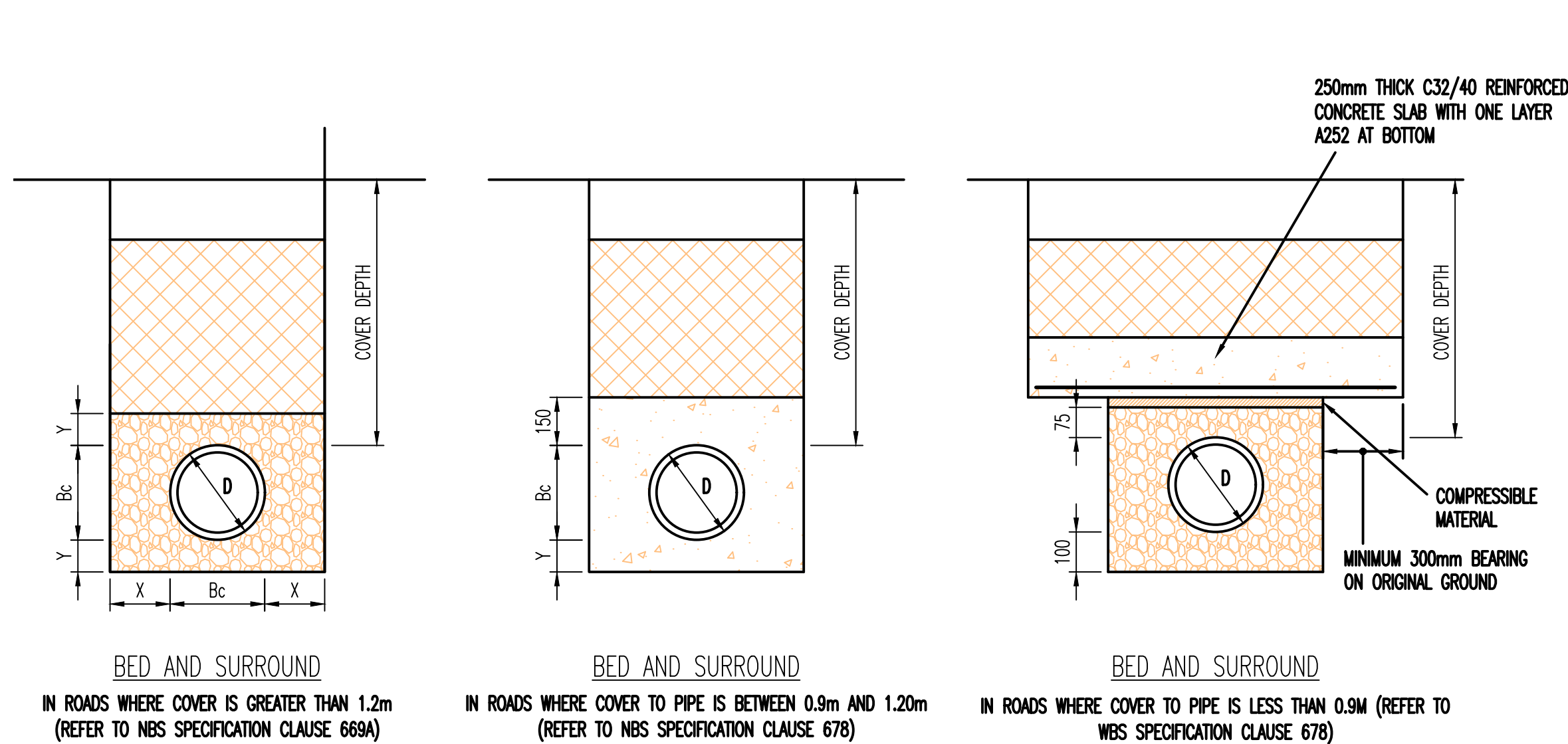


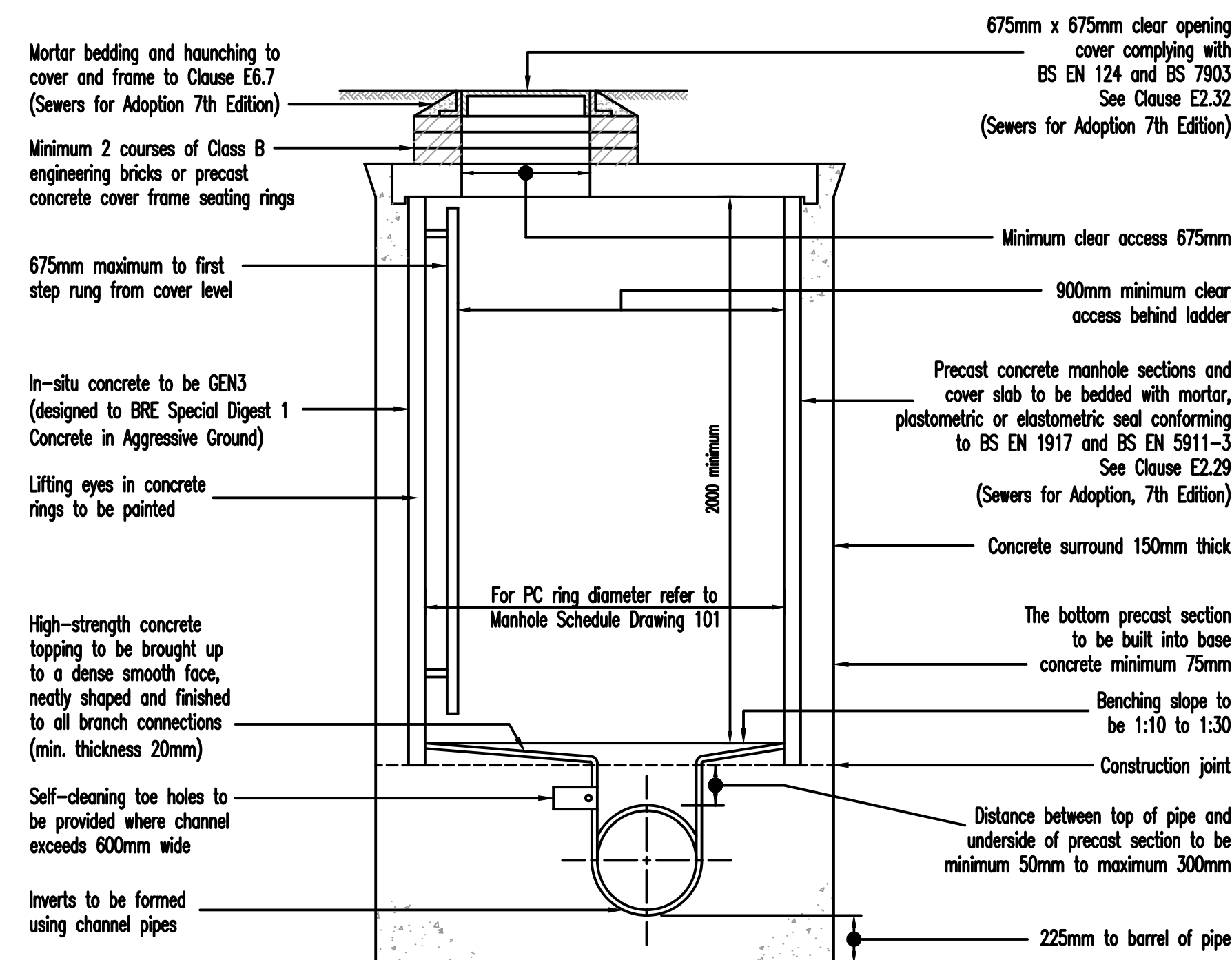
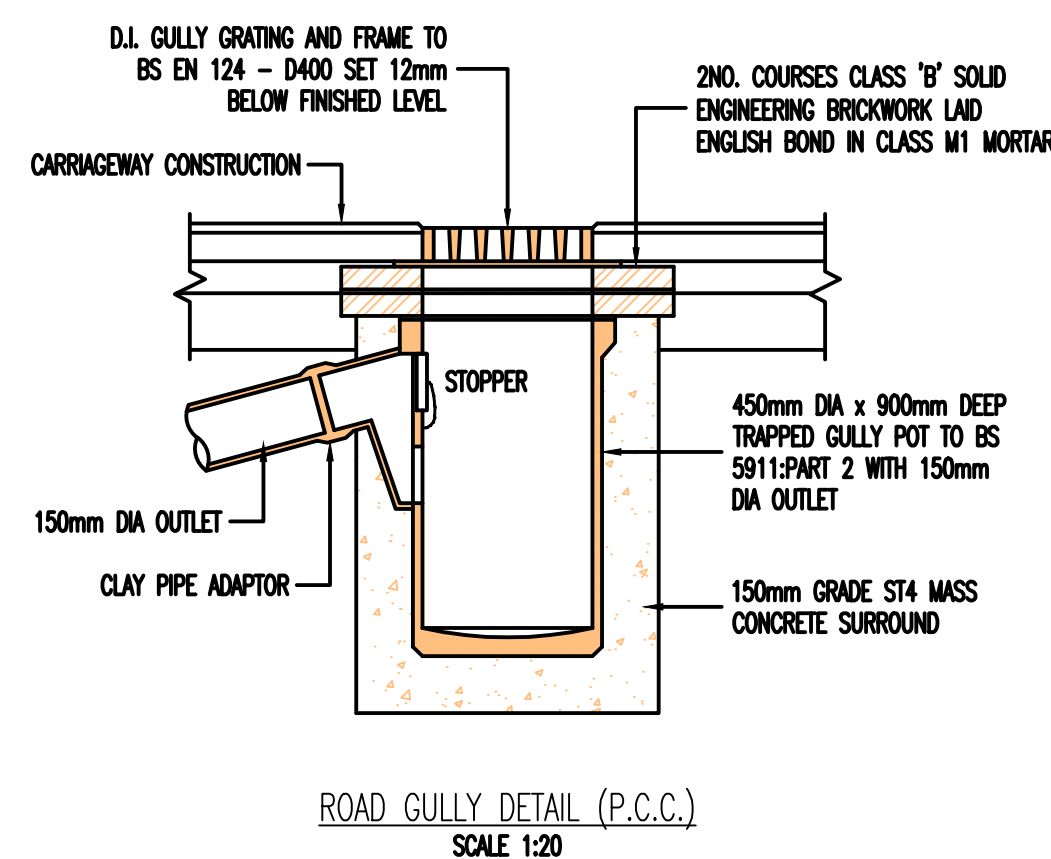


- | | |
|---|---|
|  | SUITABLE EXCAVATED MATERIAL COMPACTED IN LAYERS NOT EXCEEDING 250mm THICK. |
|  | TYPE 1 MATERIAL COMPACTED IN LAYERS NOT EXCEEDING 250mm THICK. |
|  | SELECTED FILL: FREE FROM STONES LARGER THAN 40mm, LUMPS OF CLAY OVER 100mm, TIMBER, FROZEN MATERIAL, VEGETABLE MATTERS. |
|  | GRANULAR MATERIAL: PIPE BEDDING MATERIAL CONFORMING TO BEDDING TABLE. |
|  | ST4 GRADE CONCRETE WITH COMPRESSIBLE FIBRE BOARD AS DESCRIBED IN TABLE PLACED AT EACH PIPE JOINT TO PRESERVE FLEXIBILITY. |

NOTES:

1. All drainage shall be in accordance with OFWAT Construction Design Guidance and the Building Regs Part H unless stated otherwise.
2. Please refer to the relevant schedule for manhole details.
3. Gullies in vehicular areas shall be suitable for Class D400 loading and gullies in non-vehicle areas shall be suitable for Class B125 loading.
4. All surface water connections from gullies, channels and rainwater downpipes shall be 150mm in diameter.
5. Foul stack positions are to be confirmed by the Architect/Future Tenants/M+E Engineer.
6. Surface water channels in vehicular areas shall be ACO M1000 10.0 with an inbuilt fall or similar and be suitable for Class D400 loading.
7. Surface water channels in non-vehicle areas shall be ACO M1000 0.0 with an inbuilt fall where required or similar and be suitable for Class B125 loading.
8. All foul water connections from stacks shall be 100mm in diameter.
9. Where grease traps are required the size and location of each grease trap will be confirmed once tenant requirements are known.
10. Connection to existing sewers subject to approval from Yorkshire Water.
11. Location of all existing services to be confirmed by the contractor prior to construction of the below drainage system.

TYPICAL CATCH PIT DETAIL – TYPE 2
Maximum depth from cover level to soffit of pipe 3.0m
Not to scale



TYPICAL MANHOLE DETAIL – TYPE 1B
Depth from cover level to soffit of pipe 3.0m to 6.0m
Not to scale

P01	16.04.21	ISSUED FOR CONSTRUCTION	DB
Rev	Date	Description	By

[illegible]

Project	TRINITY ACADEMY, BARNESLEY
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TRINITY ACADEMY, BARNSELEY

Title	DRAINAGE
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DRAINAGE

STANDARD DETAILS

SHEET 1

Client	
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DEPARTMENT FOR EDUCATION[illegible]

Figure 1

Infrastructure & Environment

5th Floor One Cornwall Street Birmingham B3 2DX

t 0121 212 7700

Drawing Status		
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PRELIMINARY

Designed by	DB	Checked by	MN	Project No
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Drawn by	DB	Date	05/03/21
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WIE17125

Scales @ A1	AS SHOWN	Computer File No
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work to figured dimensions only		AS SHOWN		TRN-WE-TEMP-VV-DR-0-00033.dwg	
Publisher	Zone	Category	Number	Revision	

Publication	Zone	Category	Number	Revision

TRIN-WSE-TEMP-XX-DR-D-00033 P01

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