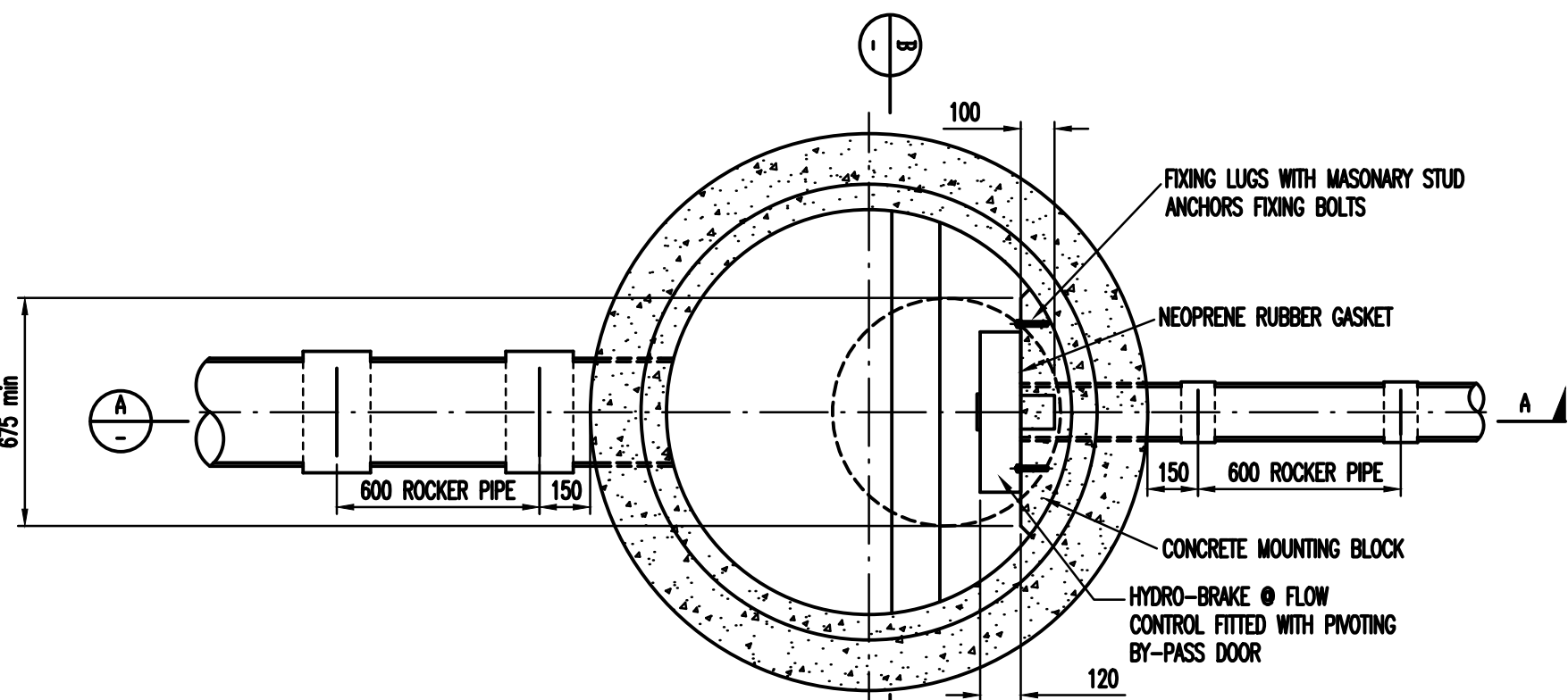
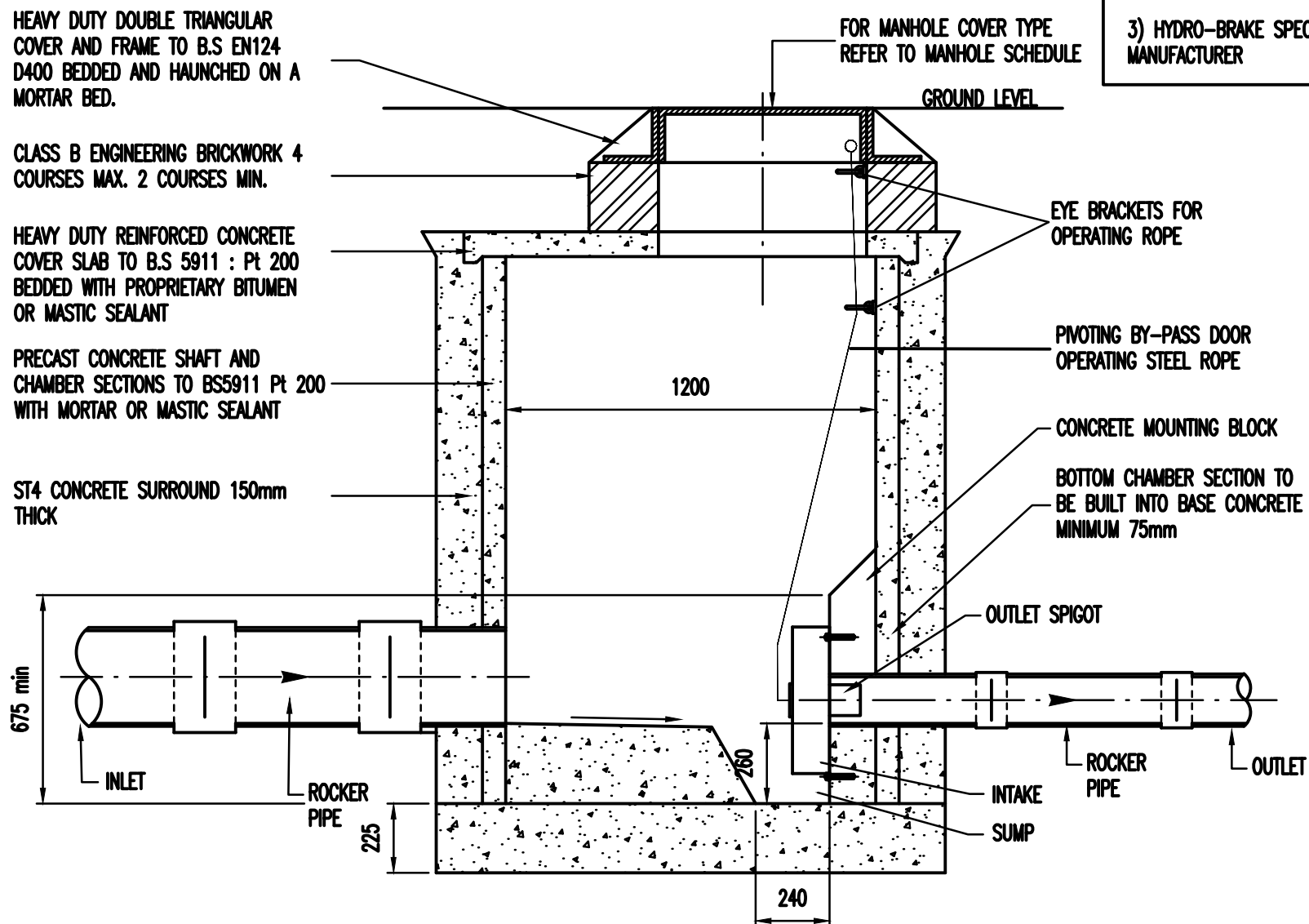


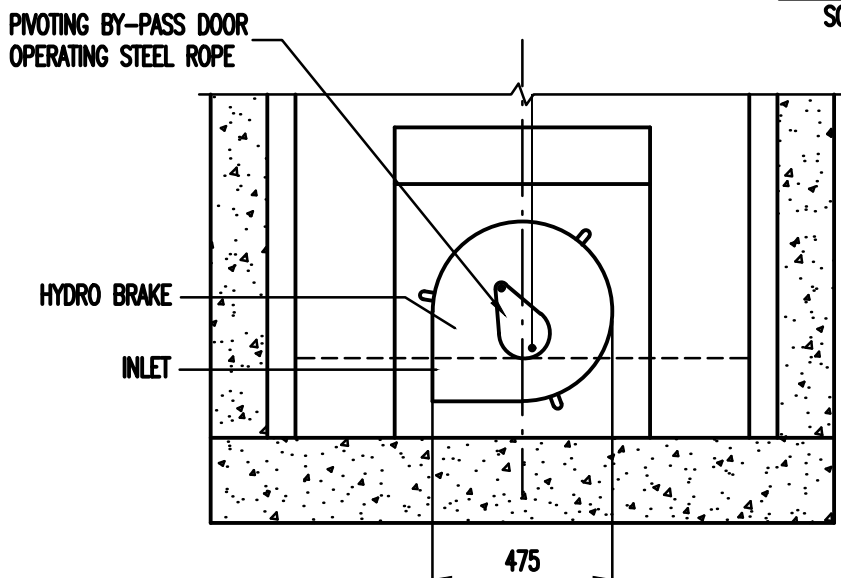


PLAN (HYDRO-BRAKE) MANHOLE
(TYPICAL INSTALLATION DETAIL)
SCALE 1:20

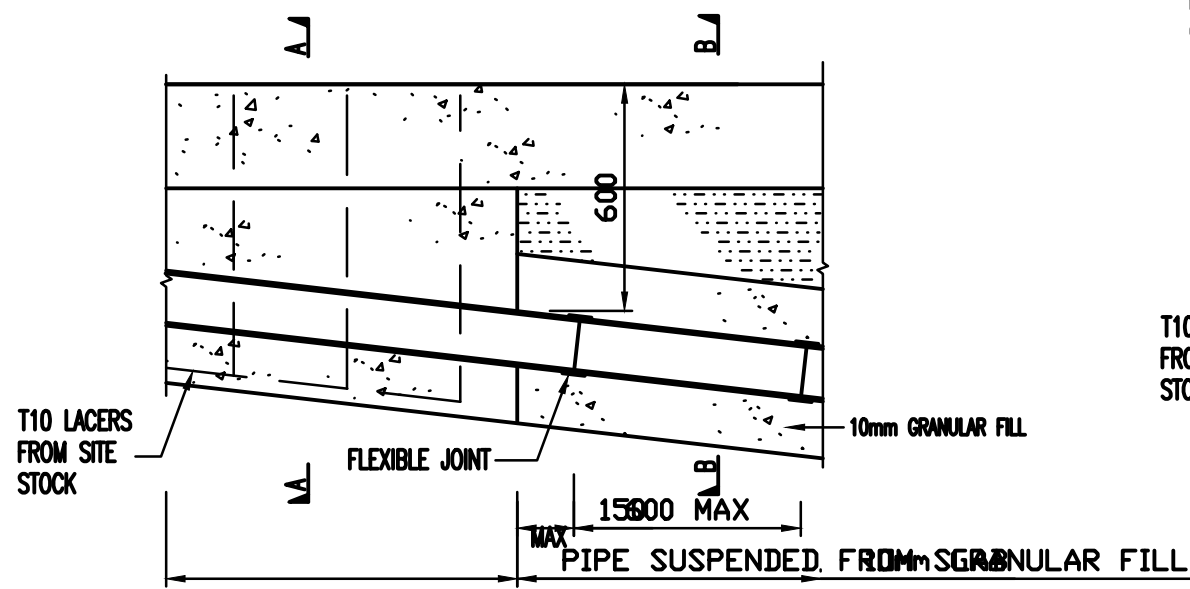
- NOTE:
- 1) INSTALLATION DETAIL TO BE CONFIRMED BY MANUFACTURER.
 - 2) HYDRO-BRAKE TO BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S REQUIREMENTS.
 - 3) HYDRO-BRAKE SPECIFICATION TO BE CONFIRMED BY MANUFACTURER



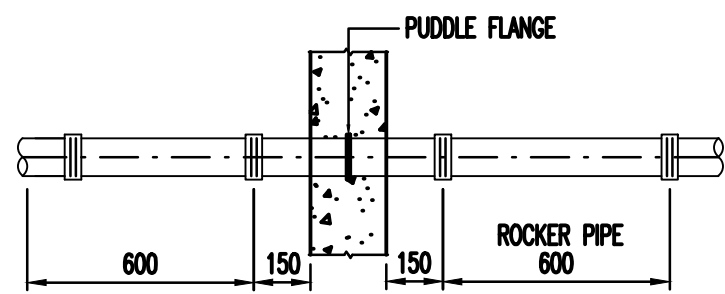
SECTION A-A
SCALE 1:20



SECTION B-B
SCALE 1:20

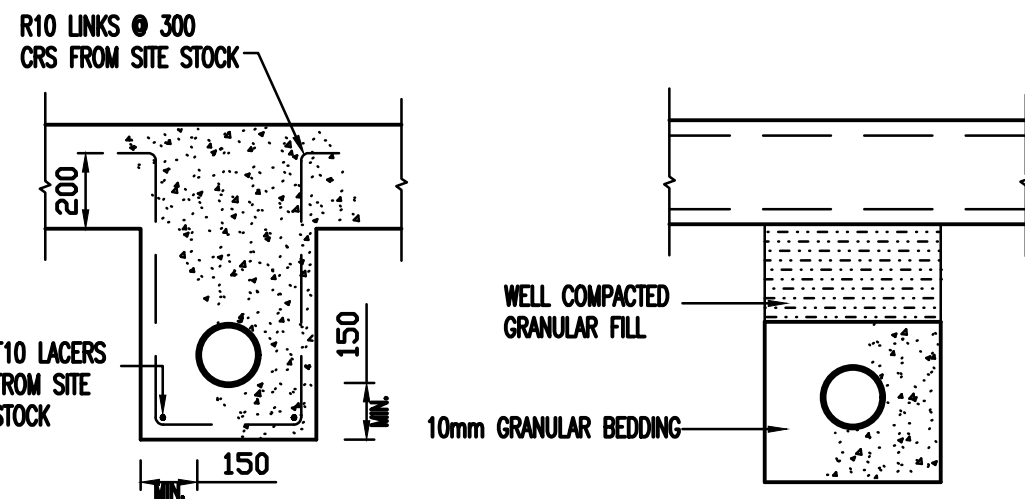


INTERNAL BEDDING DETAILS
SCALE 1:20

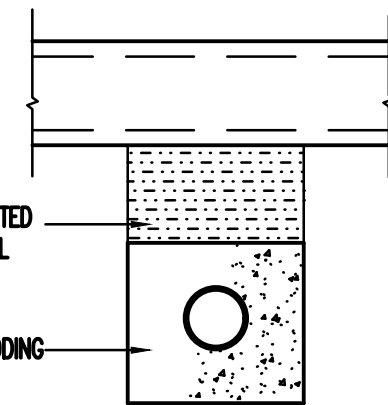


TYPICAL DETAIL OF JOINTS WHERE PIPES
CAST THROUGH SHEAR WALLS

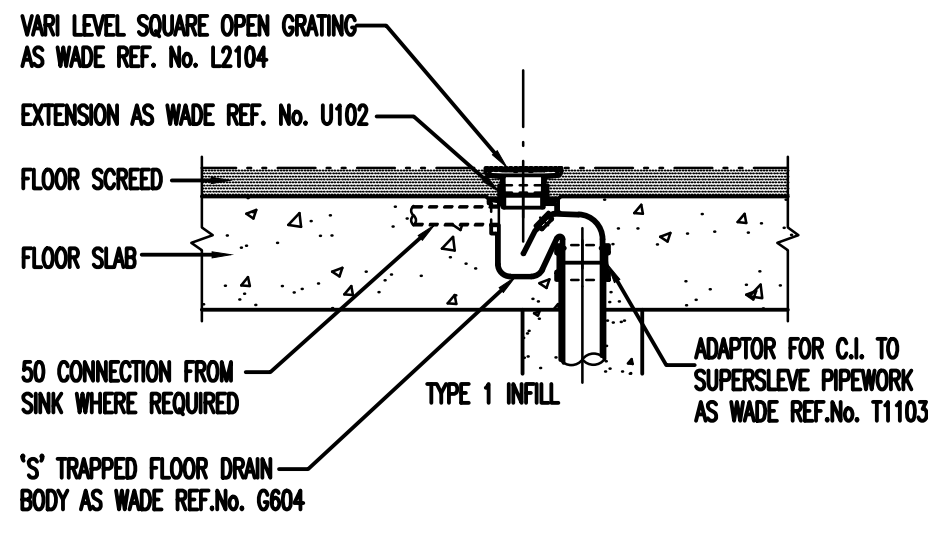
- NOTES
- PIPES UP TO AND INCLUDING 450mm 1ST FLEXIBLE JOINT TO BE 150mm FROM FACE OF MH/STRUCTURE
- 2ND FLEXIBLE JOINT TO BE 600mm FROM 1ST FLEXIBLE JOINT (ROCKER PIPE)
- FOR PIPES ABOVE 450mm DIA ROCKER PIPE SHOULD BE 1000mm LONG



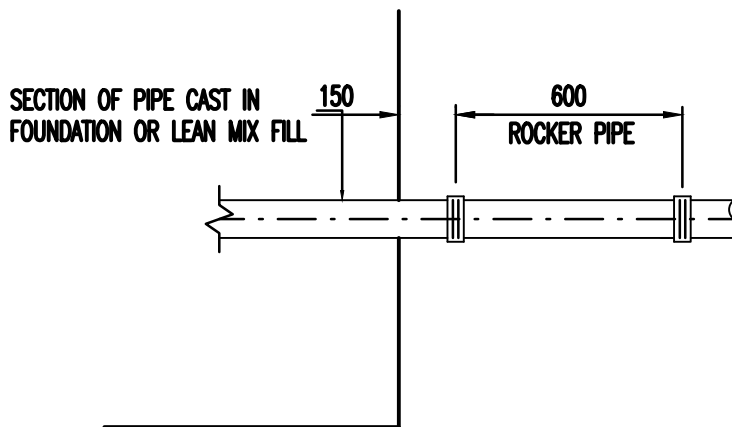
SECTION A - A
SCALE 1:20



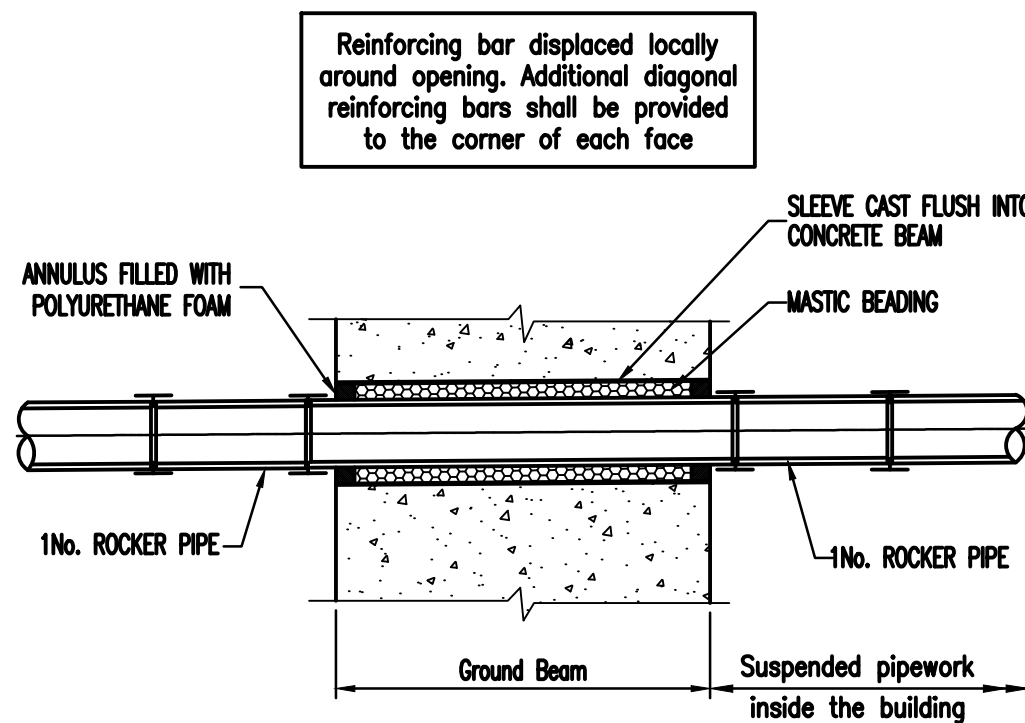
SECTION B - B
TYPE Z BEDDING
SCALE 1:20



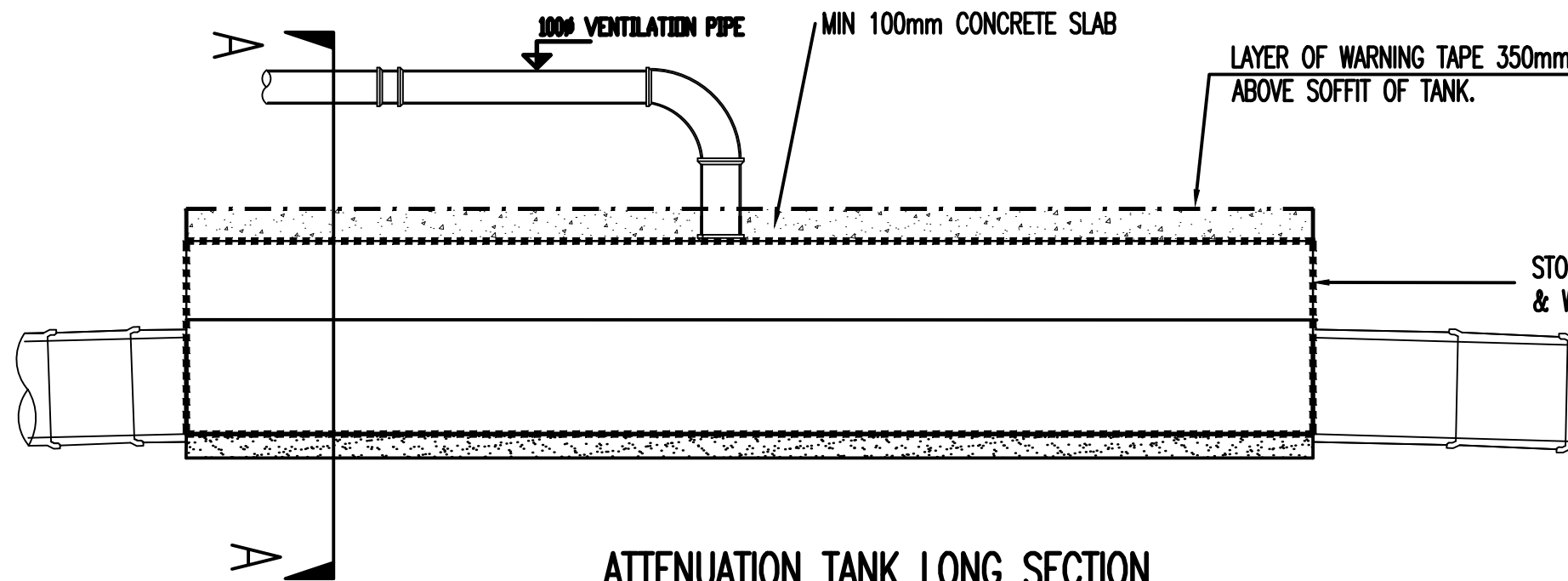
FLOOR GULLY



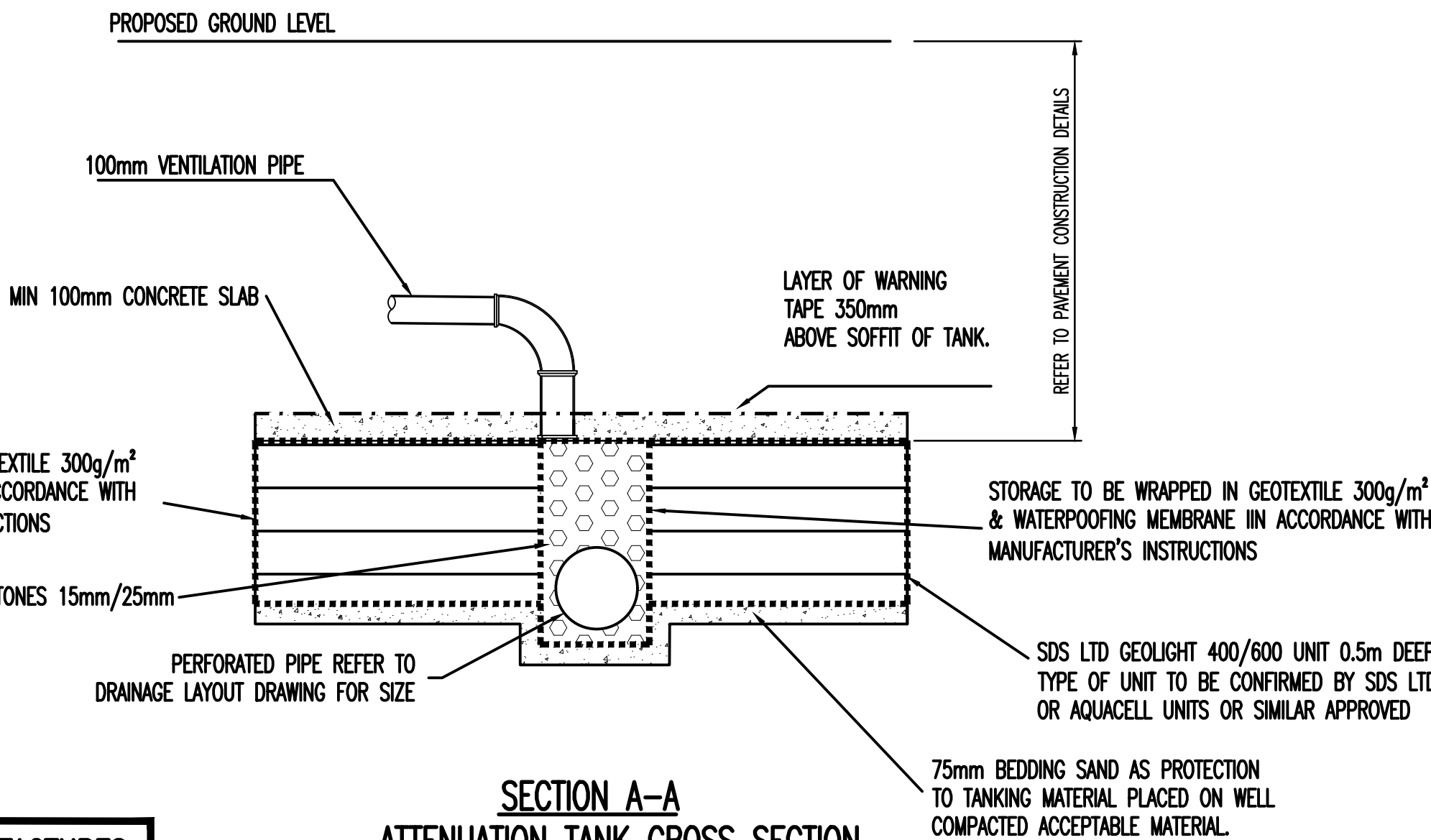
TYPICAL DETAIL OF JOINTS WHERE PIPES
CAST THROUGH FOUNDATIONS
SCALE 1:20



PIPE THROUGH GROUND BEAM
SCALE 1:20



ATTENUATION TANK LONG SECTION
SCALE 1:20



SECTION A-A
ATTENUATION TANK CROSS SECTION
SCALE 1:20

TO BE INSTALLED TO MANUFACTURES
SPECIFICATION

This drawing should not be scaled. Dimensions to be verified on site.
Any discrepancies should be referred to the Engineer prior to work being put in hand.

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Pickfords Wharf, Clink Street, London SE1 9DG 1 020 7928 7888 1 020 7902 0992

GENERAL NOTES

1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL ENGINEER'S, ARCHITECT'S OR OTHER RELEVANT DRAWINGS AND SPECIFICATIONS.
2. ALL DIMENSIONS AND LEVELS ARE TO BE CHECKED ON SITE BY THE CONTRACTOR PRIOR TO PREPARING ANY WORKING DRAWINGS OR COMMENCING ON SITE.
3. THE CONTRACTOR MUST ENSURE AND WILL BE HELD RESPONSIBLE FOR THE OVERALL STABILITY OF THE BUILDING/STRUCTURE/EXCAVATION AT ALL STAGES OF THE WORK.
4. ALL WORK BY THE CONTRACTOR MUST BE CARRIED OUT IN SUCH A WAY THAT ALL REQUIREMENTS UNDER THE HEALTH AND SAFETY AT WORK ACT ARE SATISFIED.
5. ALL WORK IS TO BE CARRIED OUT IN COMPLIANCE WITH THE REQUIREMENTS OF THE RELEVANT STATUTORY AUTHORITIES AND REGULATIONS.

NOTES:

1. All drainage shall be in accordance with OWFAT 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.

P01	05.03.21	FIRST ISSUE	DB

Rev	Date	Description	By

Amendments

Project
TRINITY ACADEMY, BARNSELY

Title
DRAINAGE
STANDARD DETAILS
SHEET 2

Client
DEPARTMENT FOR EDUCATION

Client
DEPARTMENT FOR EDUCATION

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