

1. SEPARATION DISTANCES BETWEEN WATERMANS ASSOCIATED WITH THE WORKS FROM OTHER UTILITY PIPES AND ACCESSORIES SHALL BE IN ACCORDANCE WITH SECTION 8.8 OF THE CODE OF PRACTICE. SEPARATION DISTANCES FOR ALL NEW INSTALLATIONS FROM EXISTING HIGH WATER PIPES SHALL BE AS OUTLINED IN SECTION 8.2 OF THE CODE OF PRACTICE. THE SEPARATION DISTANCES SPECIFIED ARE MINIMUM SEPARATION DISTANCES. EXCESSIVE SEPARATION DISTANCES SHALL BE PROVIDED FOR SERVICES SUCH AS GAS, ELECTRICITY, FIBRE OPTIC OR OIL FILLED CABLES. IN THE CASE OF THE PARTIAL UTILITY SERVICES, THE SEPARATION DISTANCES SHALL BE DETERMINED BY THE SEPARATION DISTANCES SPECIFIED IN THE SEPARATION DISTANCES AND EVIDENCE OF THIS CONSULTATION WITH THE PROJECT ARCHITECT SHALL BE PROVIDED TO HIGH WATER AT DESIGN STAGE.

2. WATERMANS PROTECTED BY CONCRETE PROTECTION SLABS

2.1. DISTRIBUTION MAINS OF LESS THAN 200mm DIAMETER SHALL BE PROVIDED WITH A MINIMUM COVER OF 150mm TO THE TOP OF THE MAINS. THE COVER TO ARTERIAL WATER MAINS OF GREATER THAN 450mm DIAMETER SHALL BE PROVIDED WITH A MINIMUM COVER OF 200mm TO THE TOP OF THE MAINS.

2.2. DISTRIBUTION MAINS OF LESS THAN 200mm DIAMETER SHALL BE PROVIDED WITH A MINIMUM COVER OF 150mm TO THE TOP OF THE MAINS.

2.3. ARTERIAL WATER MAINS OF GREATER THAN 450mm DIAMETER SHALL BE PROVIDED WITH A MINIMUM COVER OF 200mm TO THE TOP OF THE MAINS.

2.4. COVER TO SET IN UNBENT PORTION SHALL BE LOCATED MIDWAY BETWEEN THE WATER JOINTS WITH MINIMUM CLEARANCE DISTANCE OF 300mm AND UP TO 500mm. ALL COVERINGS SHOULD BE AT LEAST 300mm AWAY FROM FITTINGS OR JOINTS.

2.5. WATERMANS PROTECTED BY CONCRETE PROTECTION SLABS

2.5.1. ALL DIMENSIONS ARE IN MILLIMETRES (mm) UNLESS NOTED OTHERWISE.

2.5.2. ALL DIMENSIONS ARE IN MILLIMETRES (mm) UNLESS NOTED OTHERWISE.

2.5.3. ALL DIMENSIONS ARE IN MILLIMETRES (mm) UNLESS NOTED OTHERWISE.

2.5.4. ALL DIMENSIONS ARE IN MILLIMETRES (mm) UNLESS NOTED OTHERWISE.

2.5.5. ALL DIMENSIONS ARE IN MILLIMETRES (mm) UNLESS NOTED OTHERWISE.

2.5.6. ALL DIMENSIONS ARE IN MILLIMETRES (mm) UNLESS NOTED OTHERWISE.

2.5.7. ALL DIMENSIONS ARE IN MILLIMETRES (mm) UNLESS NOTED OTHERWISE.

2.5.8. ALL DIMENSIONS ARE IN MILLIMETRES (mm) UNLESS NOTED OTHERWISE.

2.5.9. ALL DIMENSIONS ARE IN MILLIMETRES (mm) UNLESS NOTED OTHERWISE.

2.5.10. ALL DIMENSIONS ARE IN MILLIMETRES (mm) UNLESS NOTED OTHERWISE.

2.5.11. ALL DIMENSIONS ARE IN MILLIMETRES (mm) UNLESS NOTED OTHERWISE.

2.5.12. ALL DIMENSIONS ARE IN MILLIMETRES (mm) UNLESS NOTED OTHERWISE.

2.5.13. ALL DIMENSIONS ARE IN MILLIMETRES (mm) UNLESS NOTED OTHERWISE.

2.5.14. ALL DIMENSIONS ARE IN MILLIMETRES (mm) UNLESS NOTED OTHERWISE.

2.5.15. ALL DIMENSIONS ARE IN MILLIMETRES (mm) UNLESS NOTED OTHERWISE.

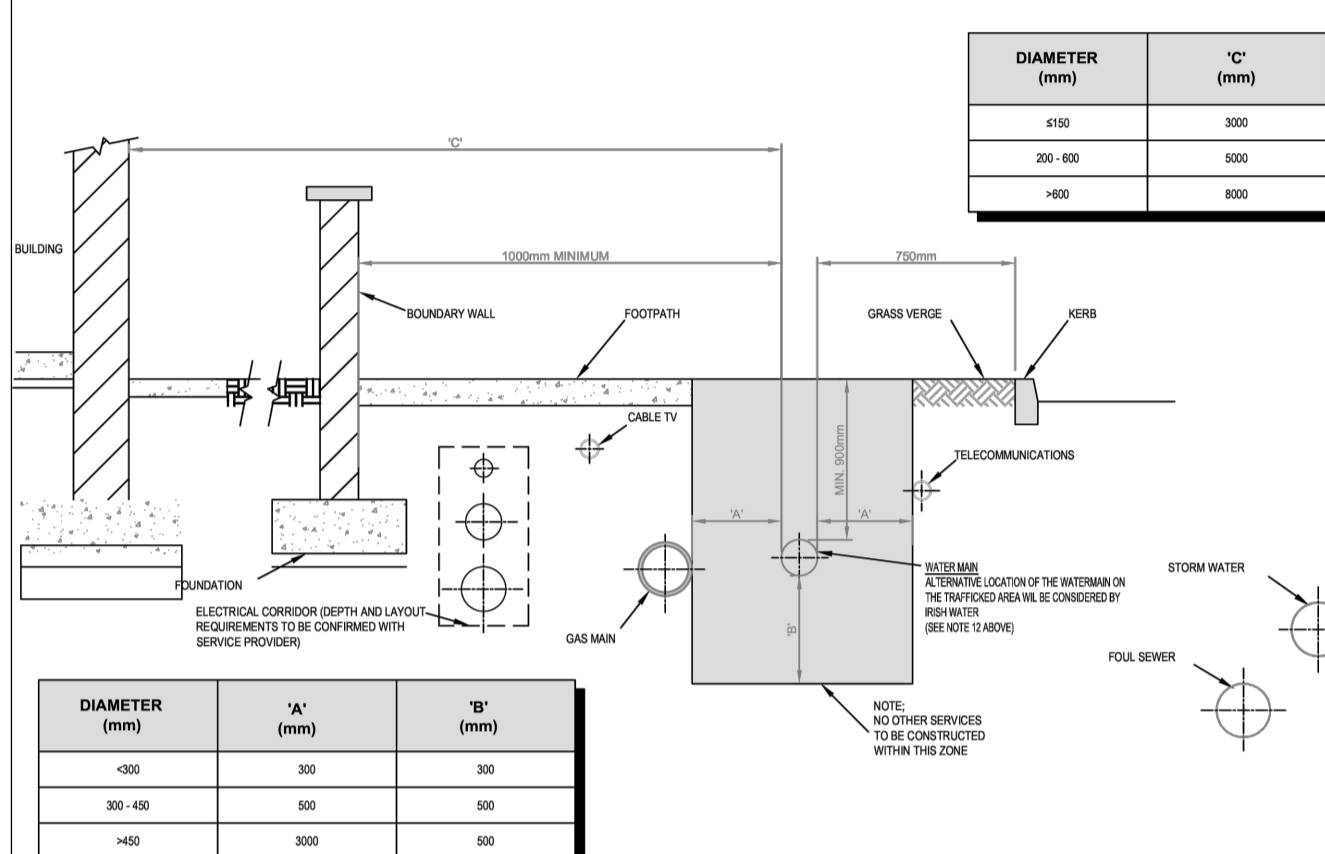
2.5.16. ALL DIMENSIONS ARE IN MILLIMETRES (mm) UNLESS NOTED OTHERWISE.

2.5.17. ALL DIMENSIONS ARE IN MILLIMETRES (mm) UNLESS NOTED OTHERWISE.

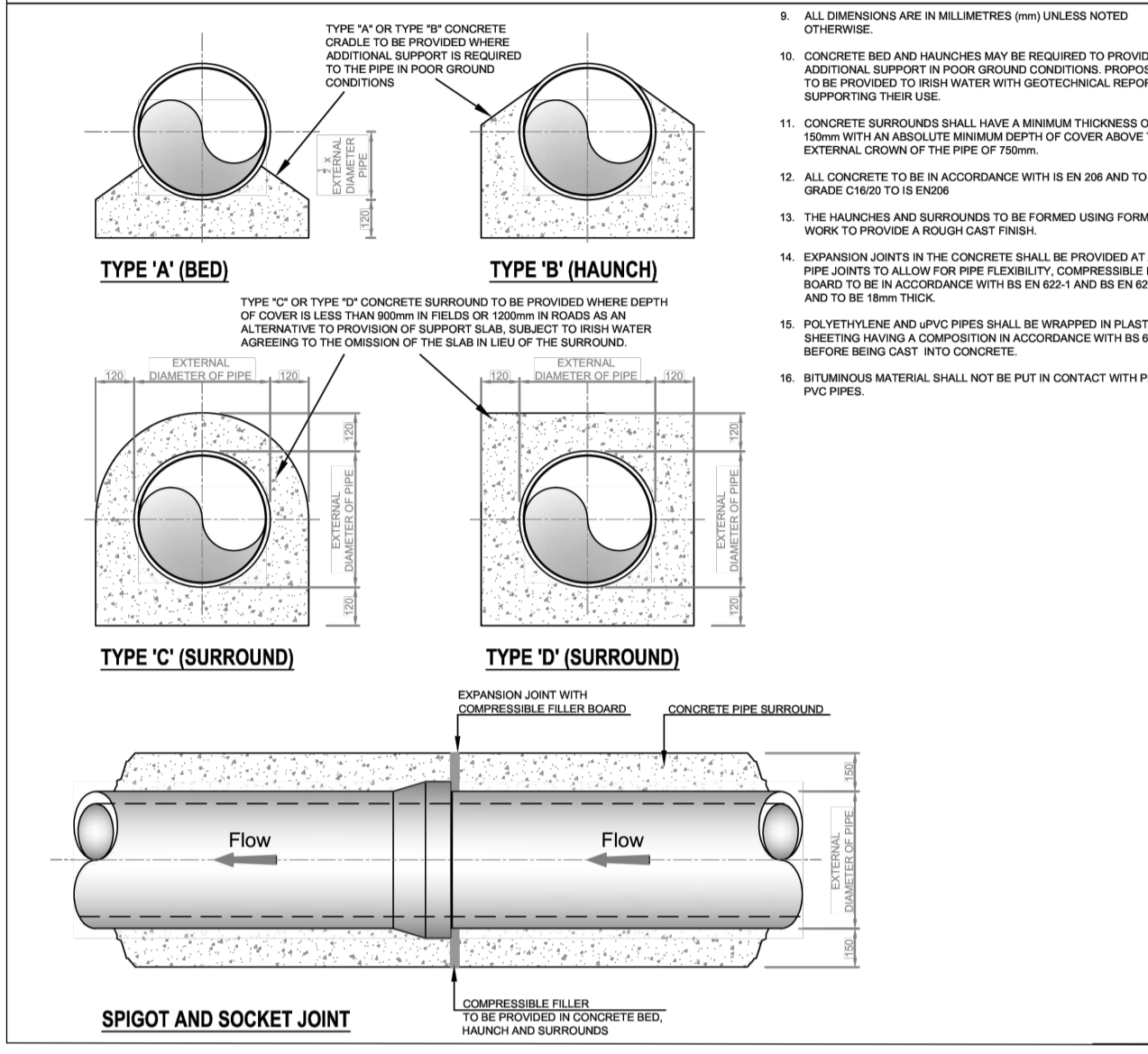
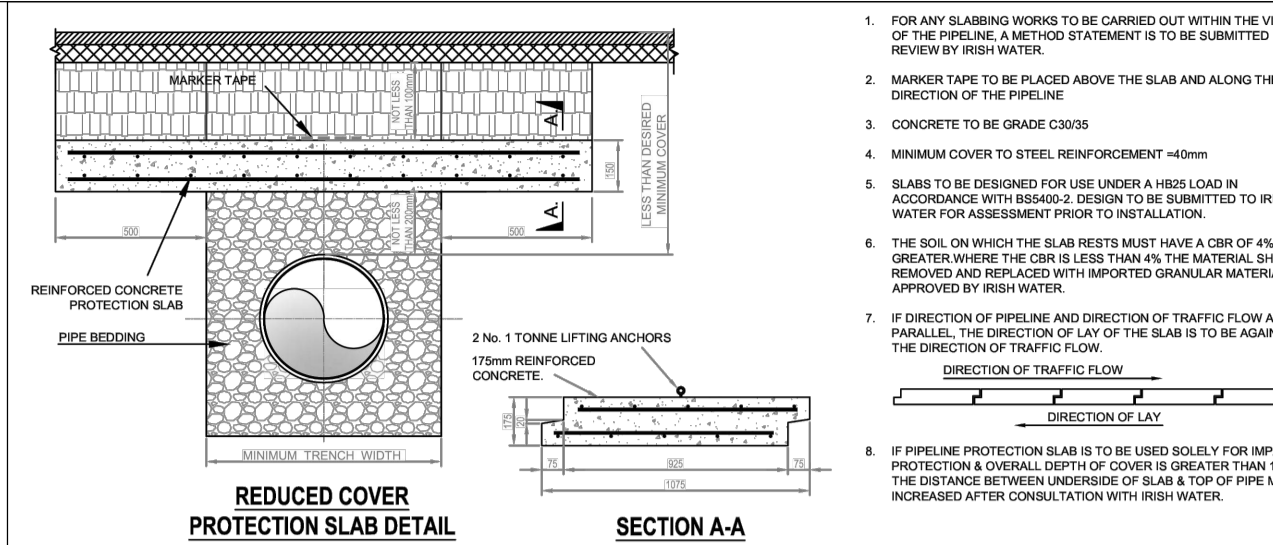
2.5.18. ALL DIMENSIONS ARE IN MILLIMETRES (mm) UNLESS NOTED OTHERWISE.

2.5.19. ALL DIMENSIONS ARE IN MILLIMETRES (mm) UNLESS NOTED OTHERWISE.

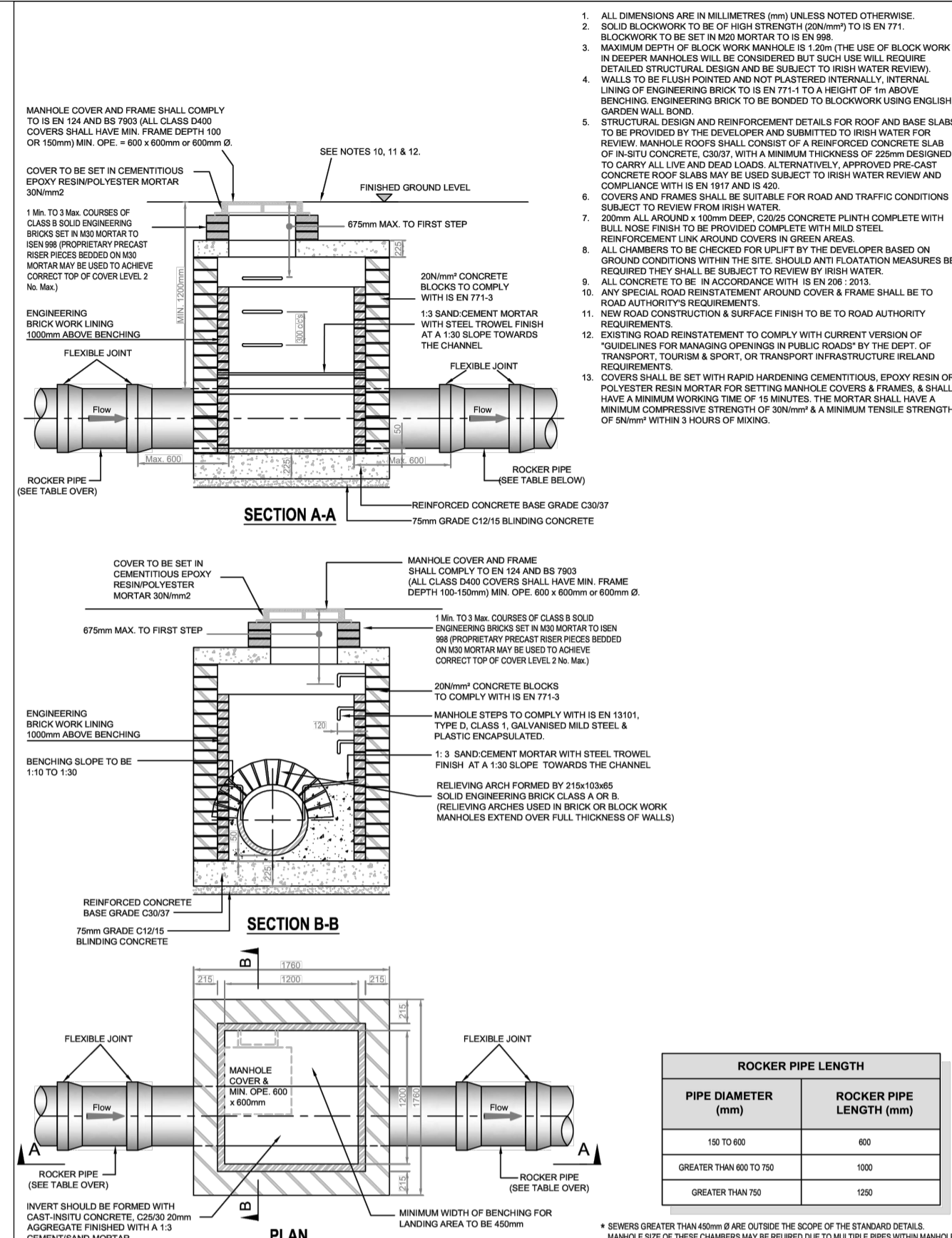
2.5.20. ALL DIMENSIONS ARE IN MILLIMETRES (mm) UNLESS NOTED OTHERWISE.



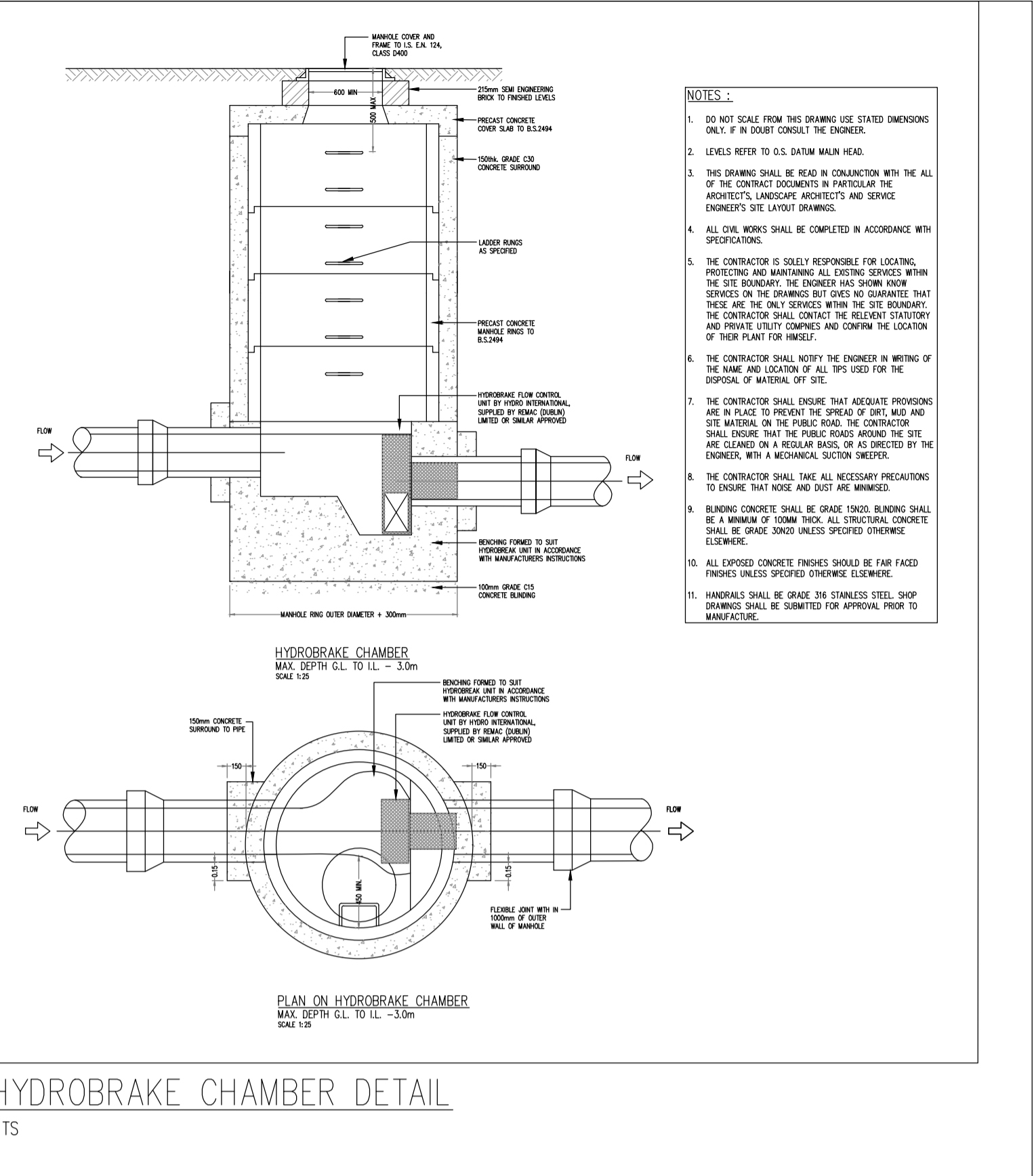
STD-WW-11 TYPICAL SERVICE LAYOUT IDENTIFY SEPARATION DISTANCES



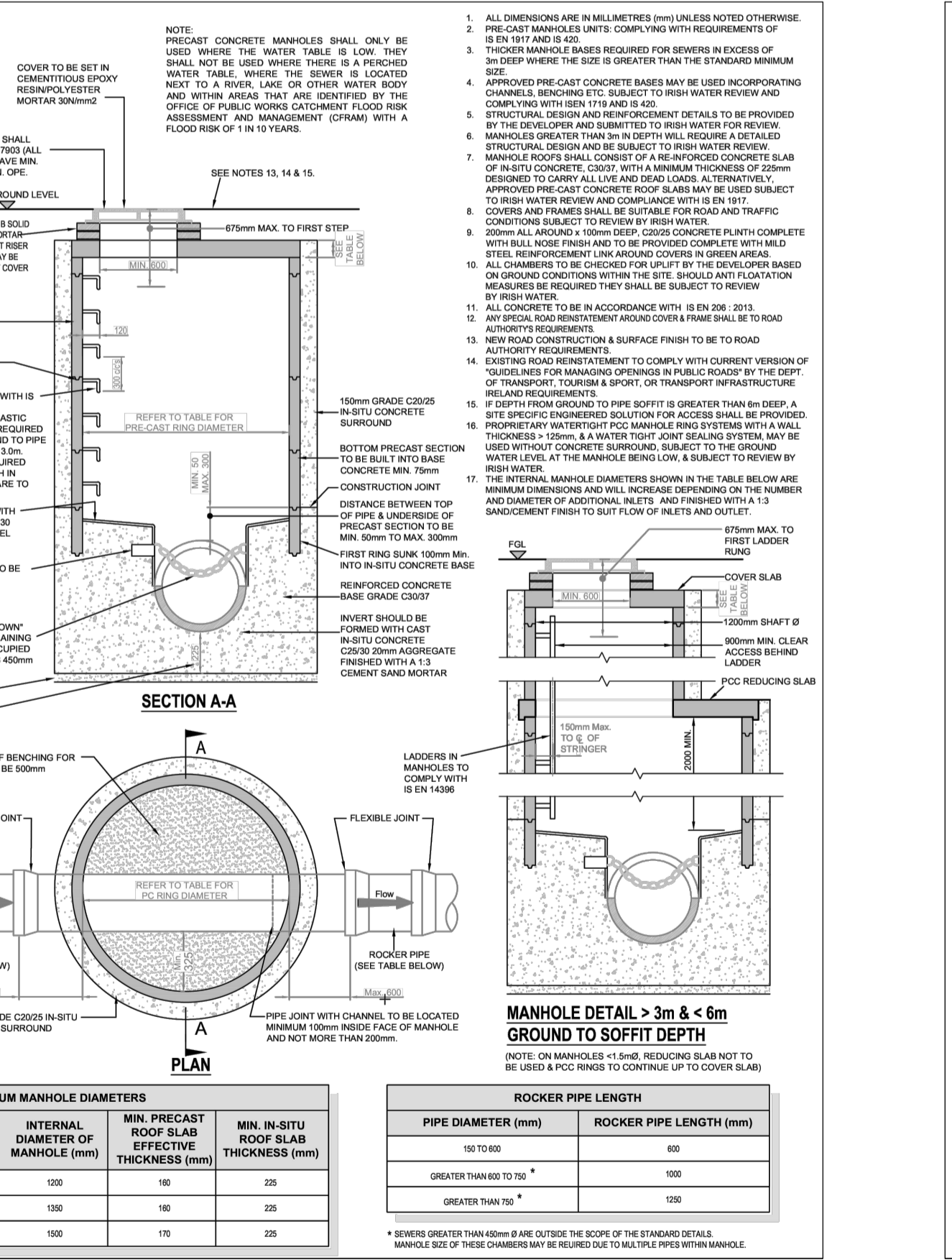
STD-WW-08 CONCRETE PROTECTION SLAB, BED, HAUNCH AND SURROUND TO WASTEWATER PIPES



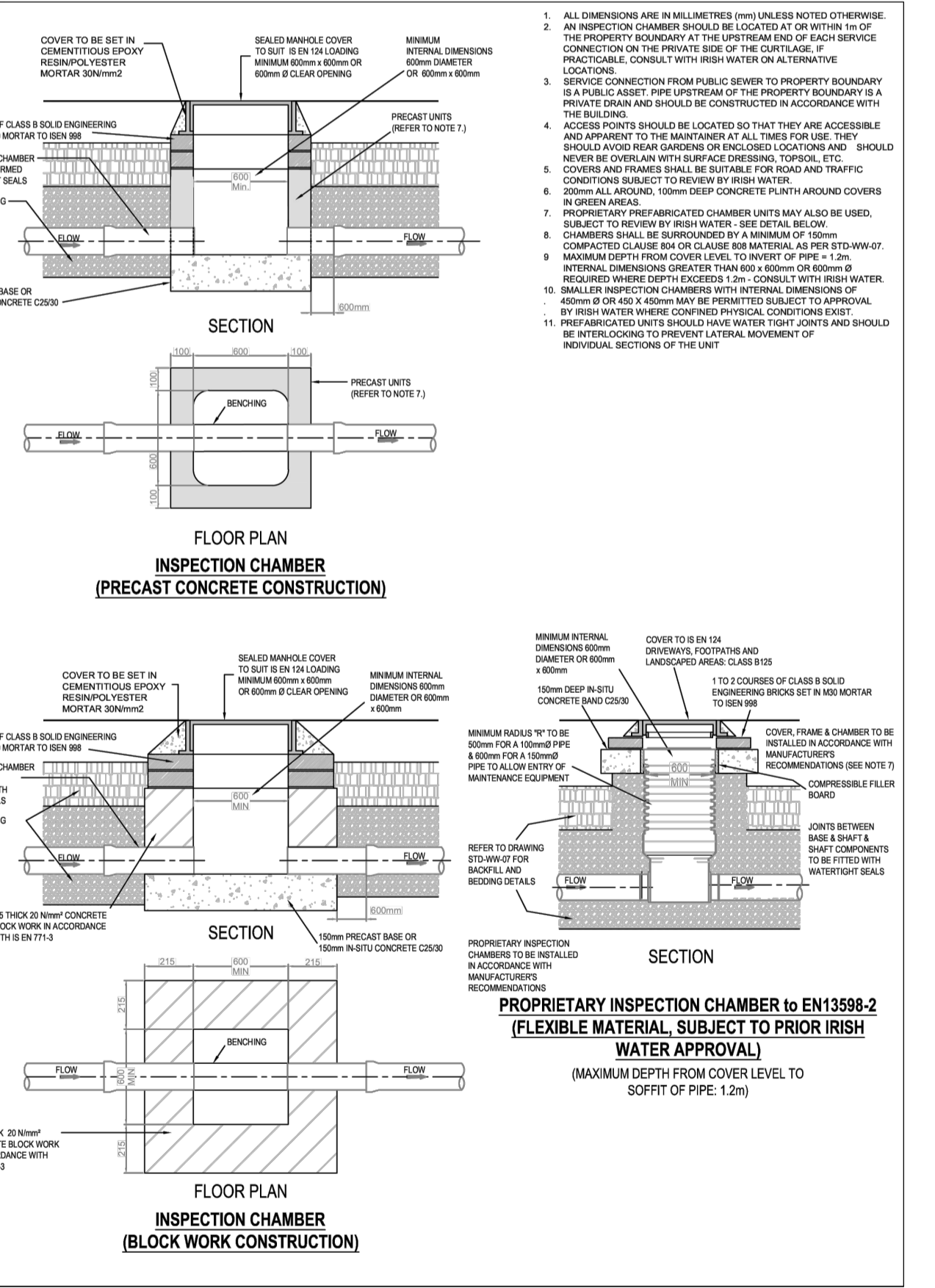
STD-WW-09 BLOCKWORK MANHOLE (<450mm DIA)



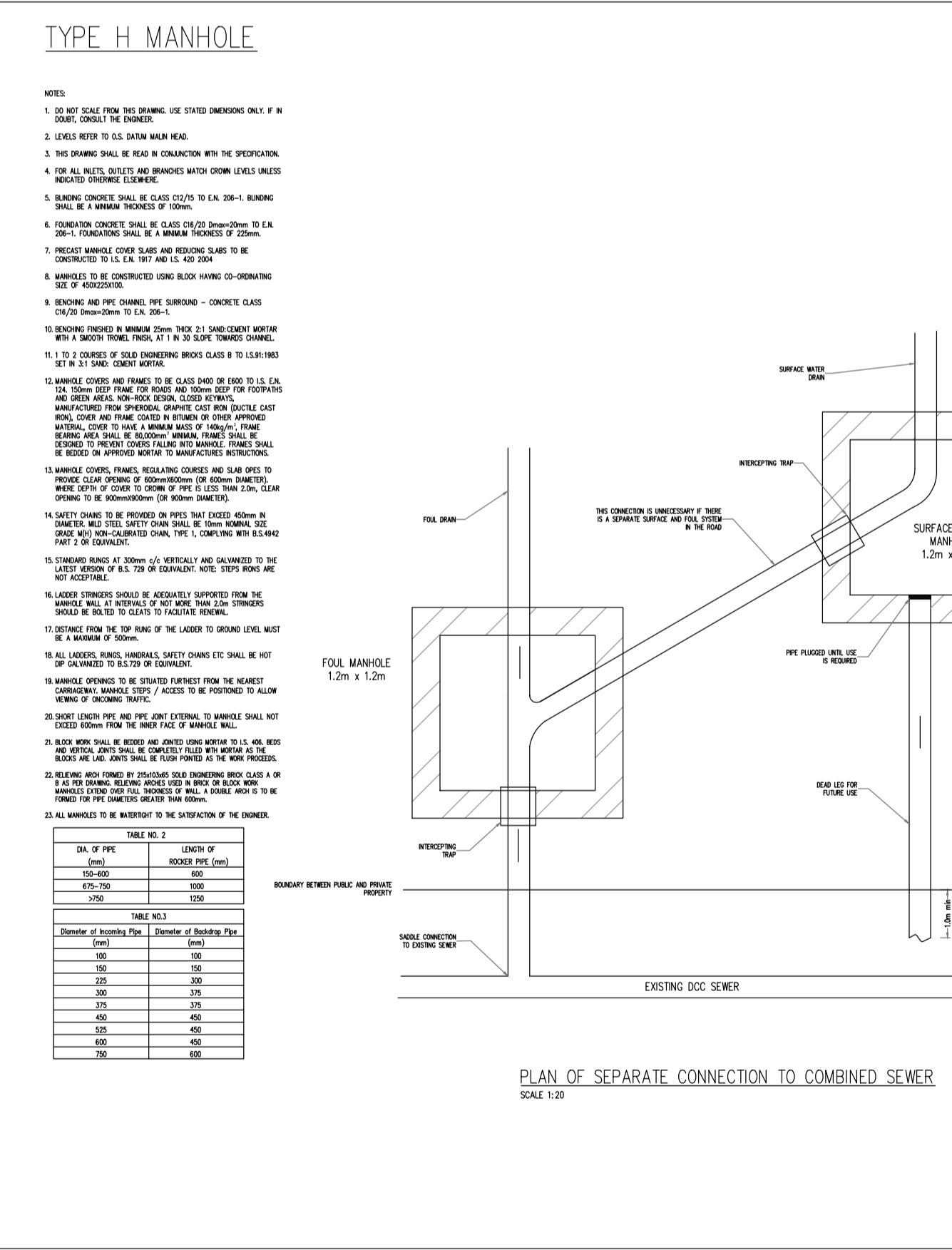
HYDROBRAKE CHAMBER DETAIL



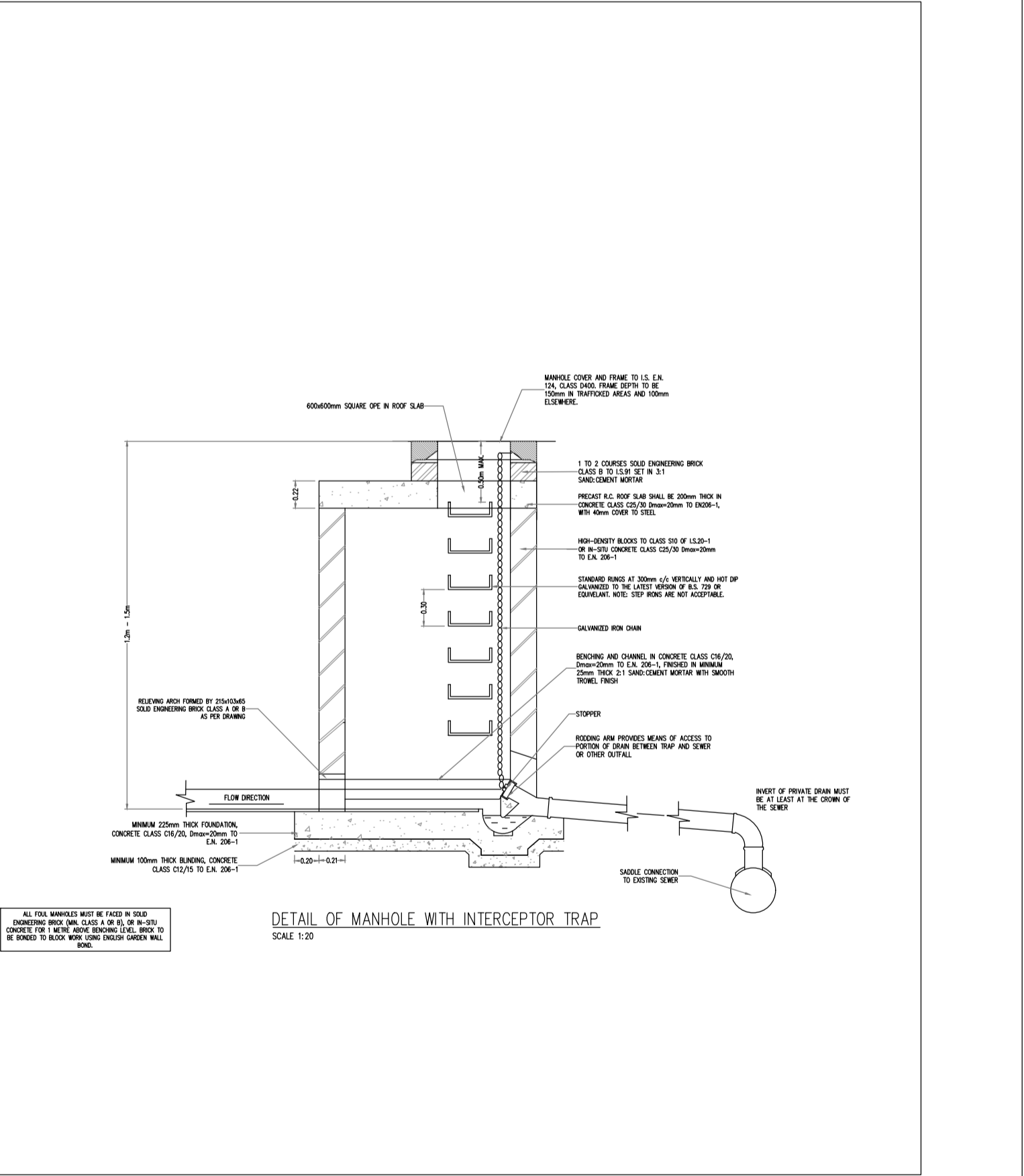
STD-WW-10 PRECAST CONCRETE MANHOLE WITH CAST-IN-SITU BASE



STD-WW-13 PRIVATE SIDE INSPECTION CHAMBER



PLAN OF SEPARATE CONNECTION TO COMBINED SEWER



DETAIL OF MANHOLE WITH INTERCEPTOR TRAP

PLANNING DRAWING.
NOT FOR CONSTRUCTION.
ALL LEVELS GIVEN ARE RELATIVE TO ORDNANCE DATUM.
THIS DRAWING HAS BEEN ISSUED FOR INFORMATION PURPOSES ONLY AND MUST NOT BE USED FOR CONSTRUCTION UNDER ANY CIRCUMSTANCES

NOTES

- For setting out refer to Architect's drawings.
- This drawing to be read in conjunction with all other Architectural and Engineering drawings and all other relevant drawings and Specifications.
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REVISION

Rev.	Date	REVISION NOTE
P1	28.01.2025	ISSUED FOR PLANNING

Architect	DTA Architects Glover Court Dublin
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Quality Environment Energy Health & Safety

I.S. EN ISO 9001:2008
I.S. EN ISO 14001:2004
I.S. EN ISO 50001:2011
OHSAS 18001:2007