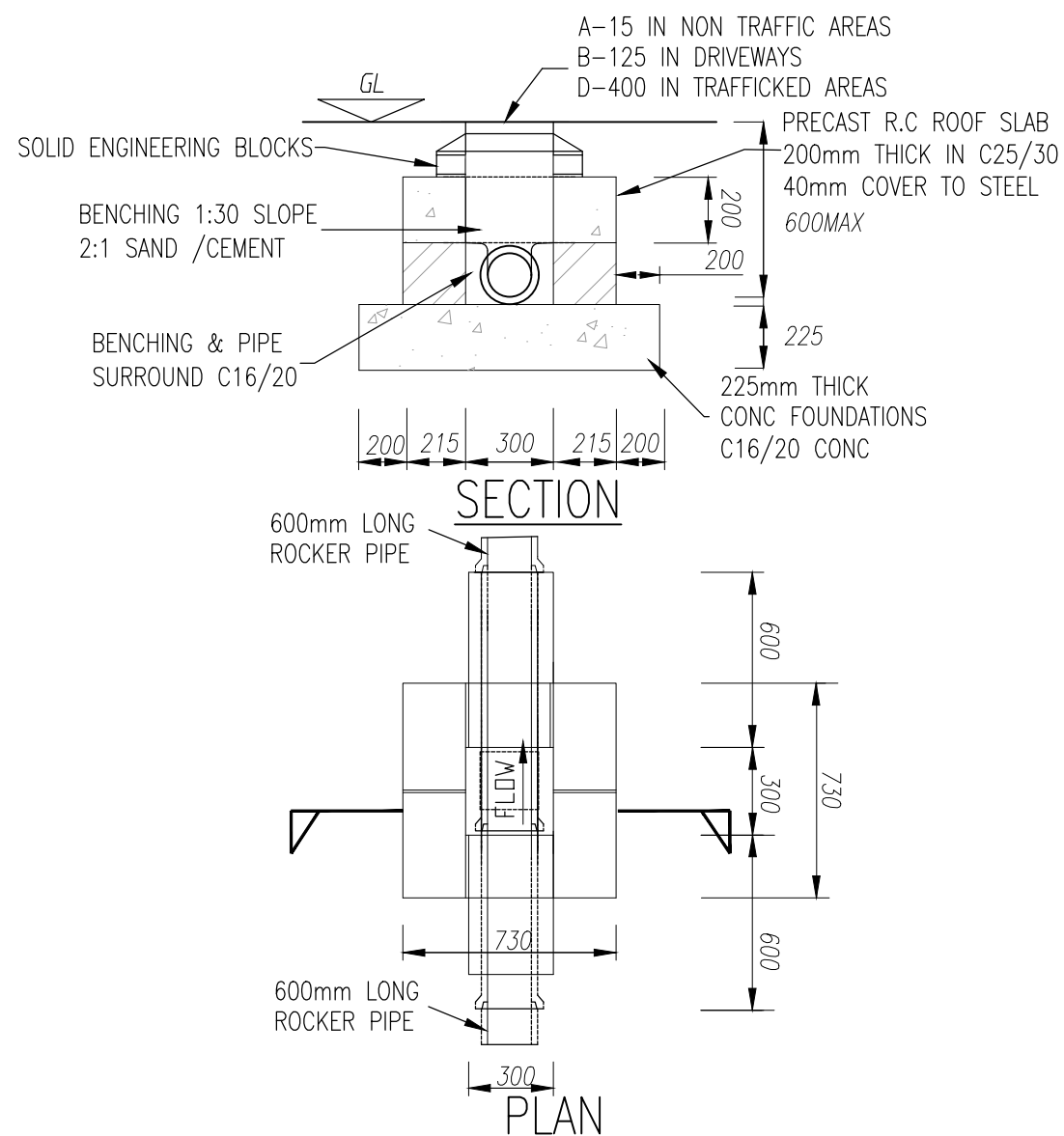


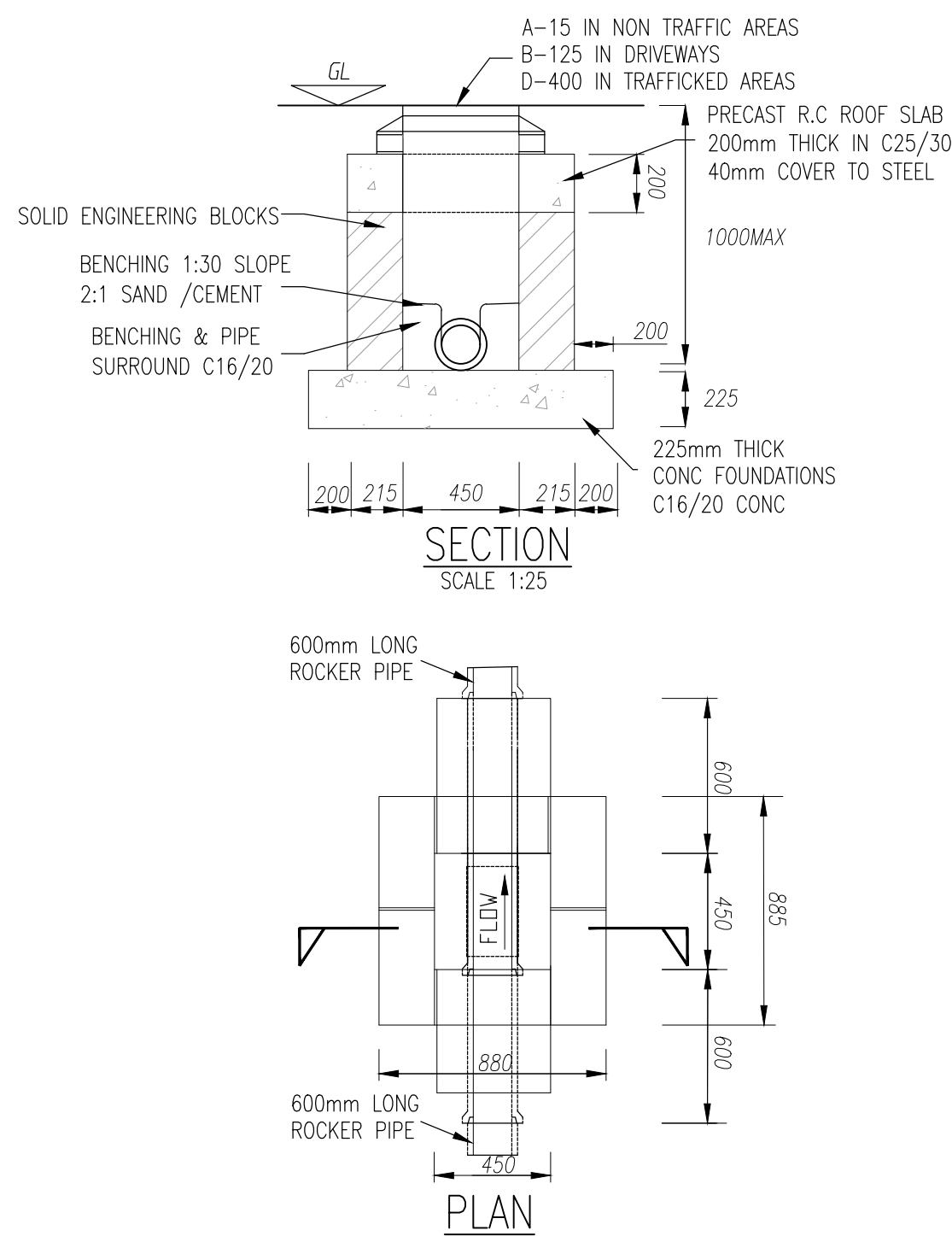
NOTES:

- DO NOT SCALE. USE FIGURED DIMENSIONS ONLY.
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT ARCHITECTURAL AND ENGINEERING DRAWINGS.
- ALL WORKS TO BE CARRIED OUT IN ACCORDANCE WITH THE REQUIREMENTS OF THE BUILDING REGULATIONS 2010 SECTION H "DRAINAGE AND WASTE WATER DISPOSAL" AND WITH LOCAL AUTHORITY REQUIREMENTS
- ANY ALTERNATIVE DETAILS PROPOSED BY THE CONTRACTOR SHALL BE SUBMITTED TO THE ENGINEER AT LEAST 2 WEEKS PRIOR TO THE CONSTRUCTION OF THE DRAIN
- MINIMUM SPACING OF ACCESS POINTS TO BE IN ACCORDANCE WITH BUILDING REGULATIONS TECHNICAL GUIDANCE DOCUMENT SECTION 4 TABLE 10
- DETAILS OF MATERIALS FOR CONSTRUCTION REFER TO BUILDING REGULATIONS TECHNICAL GUIDANCE DOCUMENT SECTION 4 TABLE 11
- BACKFILL OF ALL INSPECTION CHAMBERS TO BE 808 BACKFILL IN 200mm LAYERS
- INSTALLATION OF PLASTIC PIPES AND FITTINGS, GULLIES, A/J'S ETC TO BE STRICTLY IN ACCORDANCE WITH MANUFACTURERS INSTRUCTIONS



INSPECTION CHAMBER WHERE INVERT IS 0.6m OR LESS
BUILDING REGULATIONS TGD SECTION H TABLE 9

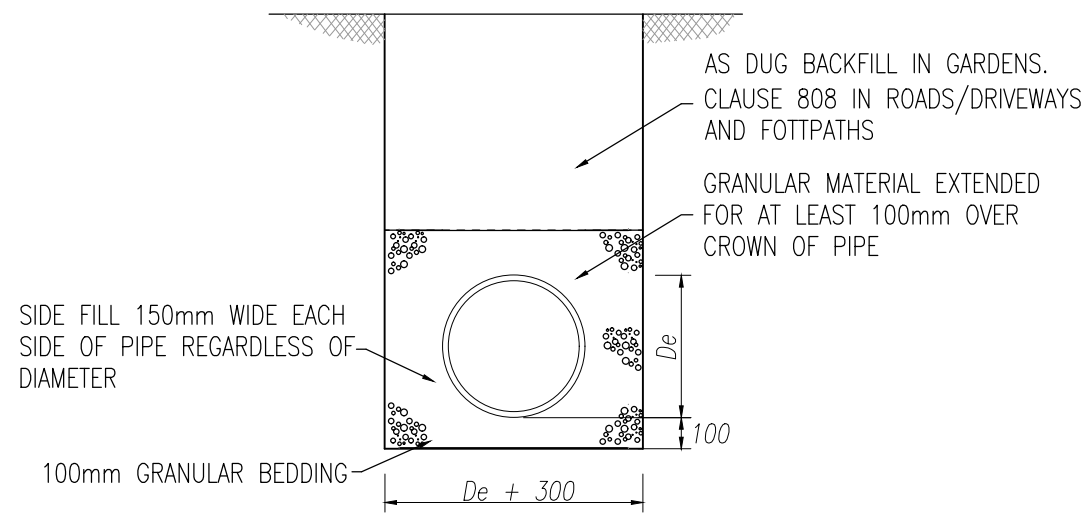
SCALE 1:25



INSPECTION CHAMBER WHERE INVERT IS
1m OR LESS BUILDING REGULATIONS
TGD SECTION H TABLE 9

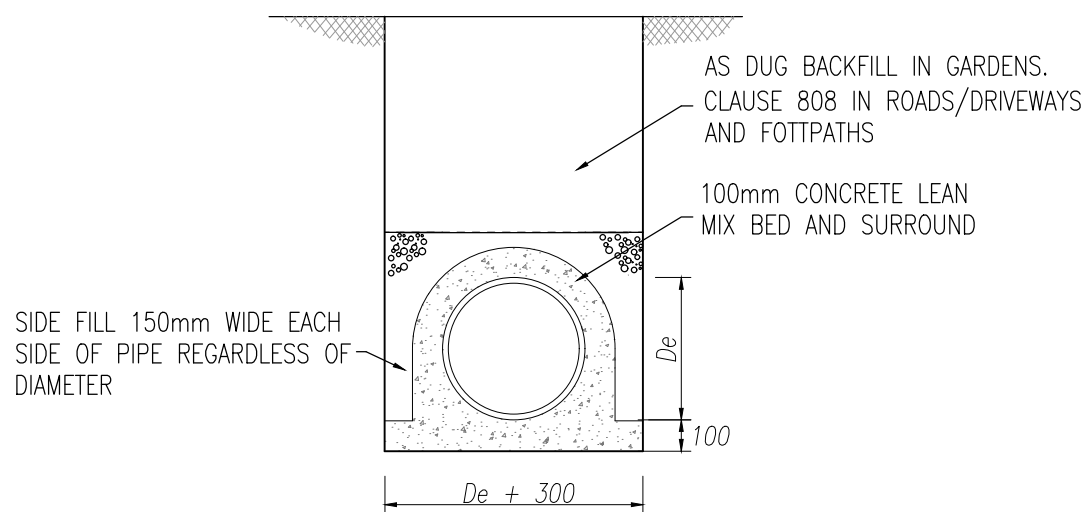
SCALE 1:25

TABLE 9 Minimum dimensions for access fitting and chambers					
Type	Depth to (m)	Internal Sizes		Cover Sizes	
		length x width (mm x mm)	Circular (mm)	length x width (mm x mm)	Circular (mm)
Rodding eye					
Access Fitting					
small	0.6 or less	150 x 100	150	150 x 100	150
large		300 x 100	-	300 x 100	-
Inspection Chamber	0.6 or less	300 x 300	190*	300 x 300	190*
	1.0 or less	450 x 450	450	450 x 450	450**
Manhole	1.5 or less	1200 x 750	1000	600 x 600	600
	over 1.5	1200 x 750	1200	600 x 600	600
	over 2.7	1200 x 840	1200	600 x 600	600
Shaft	over 2.7	900 x 840	900	600 x 600	600
Note:					
* For clayware or plastics may be reduced to 430mm in order to provide support for cover and frame					
** Drains up to 150mm					



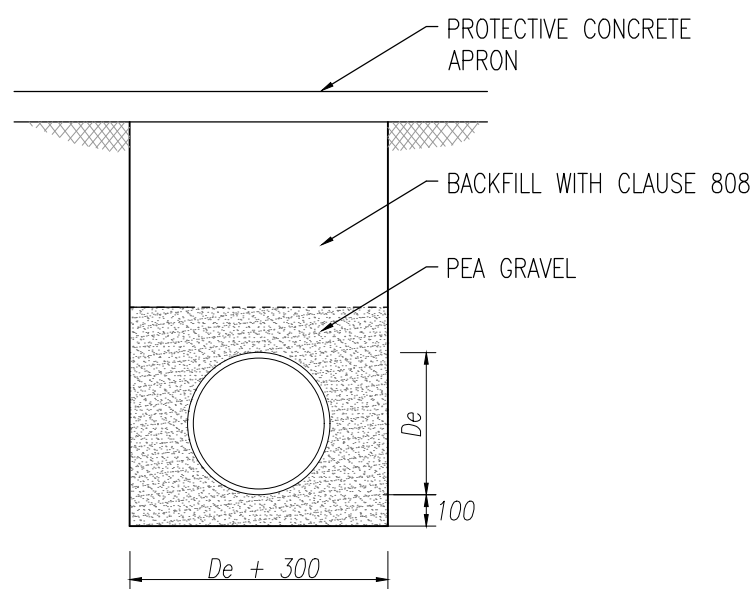
PIPES BEDDED IN GRANULAR MATERIAL
COVER > 0.9m IN ROADS
COVER > 0.6m IN GARDENS

SCALE 1:25



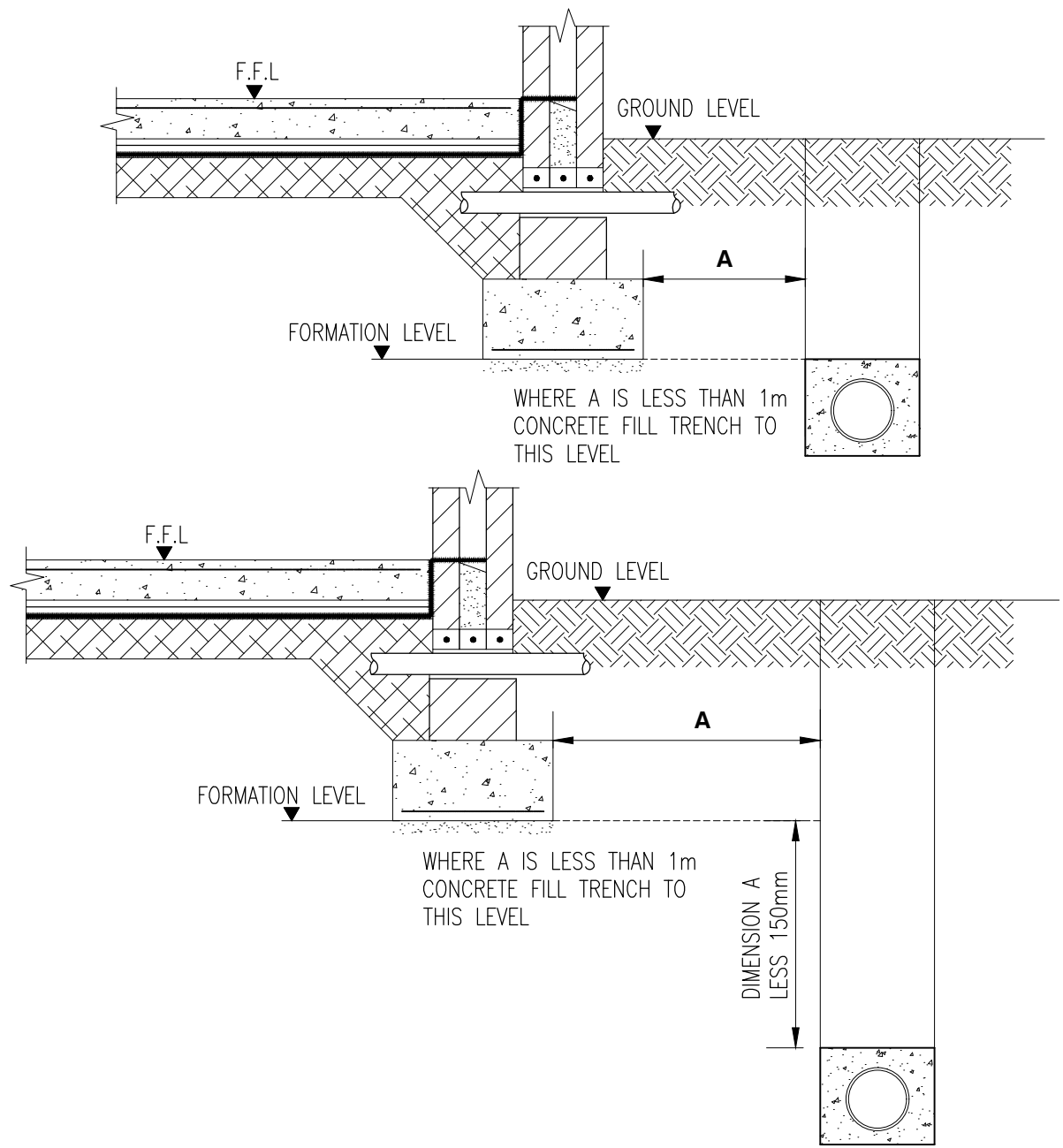
PIPES BEDDED IN GRANULAR MATERIAL
COVER < 0.9m IN ROADS
COVER < 0.6m IN GARDENS

SCALE 1:25



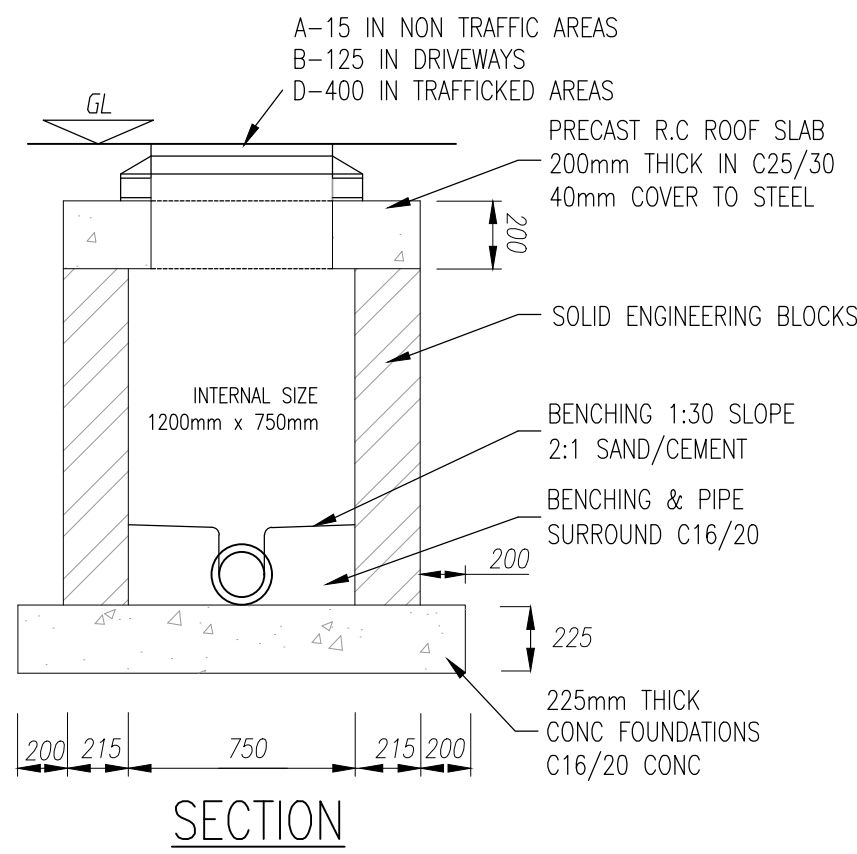
PIPES BEDDING ALTERNATIVE DETAIL
COVER < 0.9m IN ROADS
COVER < 0.6m IN GARDENS

SCALE 1:25



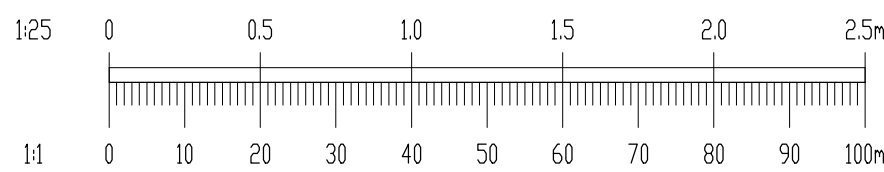
TYPICAL DETAIL WHERE PIPE RUNS NEAR BUILDINGS

SCALE 1:25



INSPECTION CHAMBER DEPTH TO INVERT IS
BETWEEN 1m AND 2.7m BUILDING REGULATIONS
TGD SECTION H TABLE 9

SCALE 1:25



Rev	Date	Description	By	Chk
Amendments				
Project PROPOSED RESIDENTIAL DEVELOPMENT ELLENFIELD PLACE, BEAUMONT ROAD DUBLIN 9				
Title PRIVATE SURFACE WATER DRAINAGE DETAILS				
Client URBAN LIFE				
				
BLOCK S, EASTPOINT BUSINESS PARK, ALFIE BYRNE ROAD, DUBLIN D03 H3F4 IRELAND. Tel: (01) 664 8900 Email: info@waterman-moylan.ie www.waterman-moylan.ie				
Status FOR PLANNING ONLY				
Designed By BL		Approved BG		Waterman Ref 20-048
Drawn By SH		Date SEPT.2026		Scales @ A1 AS SHOWN @A1
Project - Originator - Volume - Level - Type - Role - Number				Revision
PRD - WMC - ZZ - XX-DR- C - P2231				-