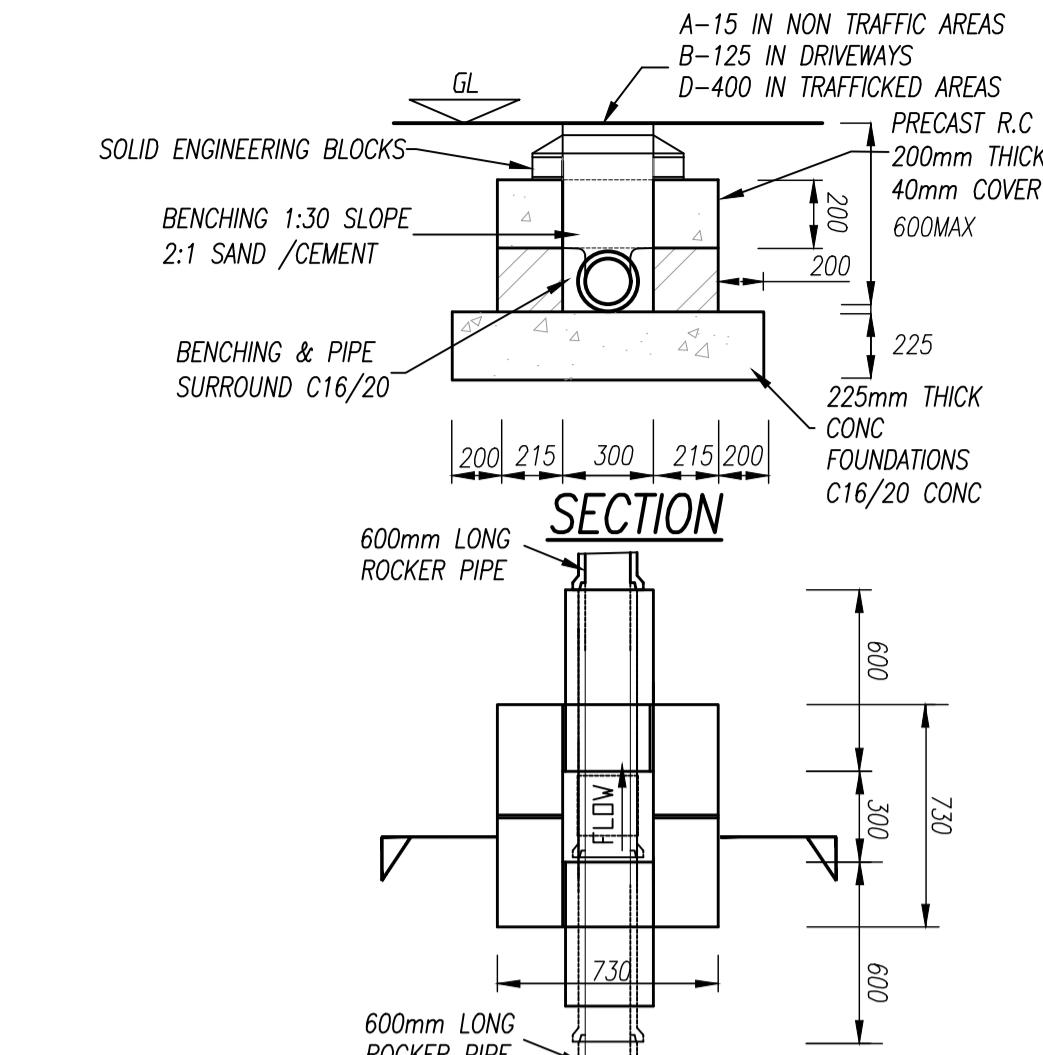
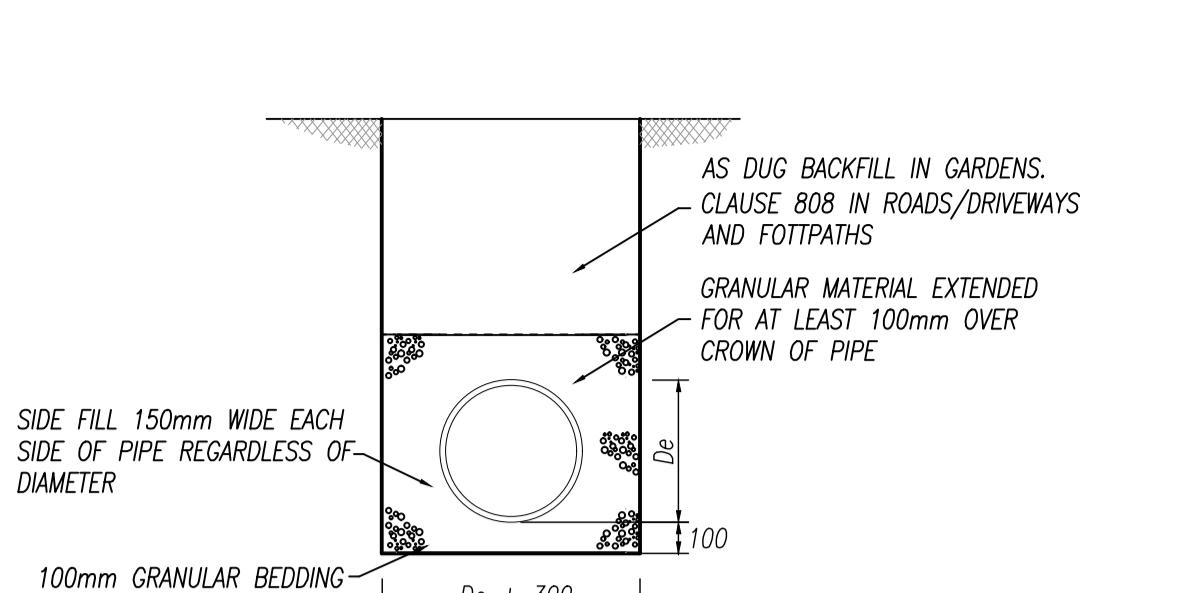


**PLAN**  
**CIRCULAR INSPECTION CHAMBER WHERE  
INVERT IS 0.6m OR LESS BUILDING  
REGULATIONS TGD SECTION H TABLE 9**

SCALE 1:25

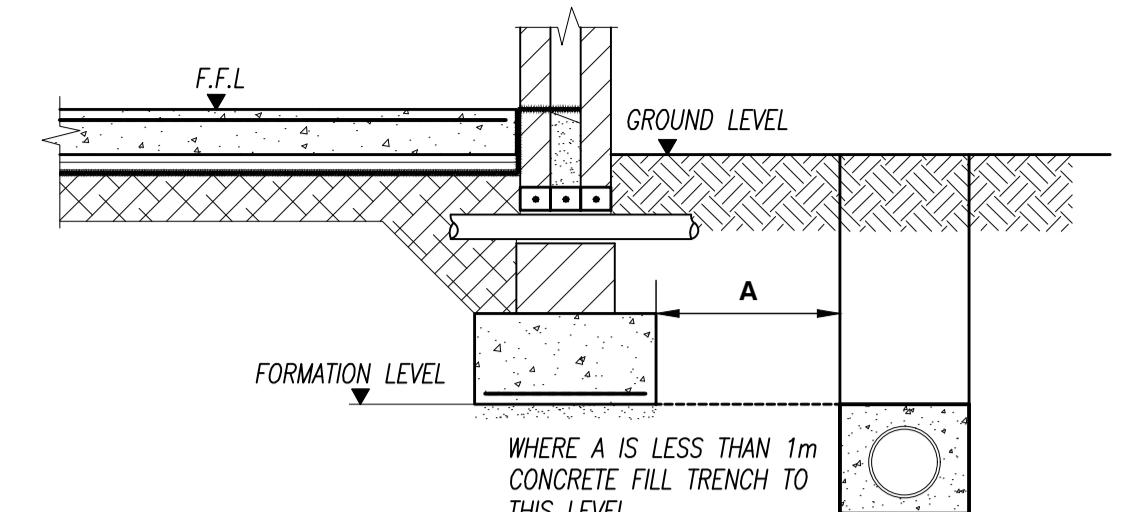


**PLAN**  
**INSPECTION CHAMBER WHERE INVERT IS 0.6m OR LESS  
BUILDING REGULATIONS TGD SECTION H TABLE 9**

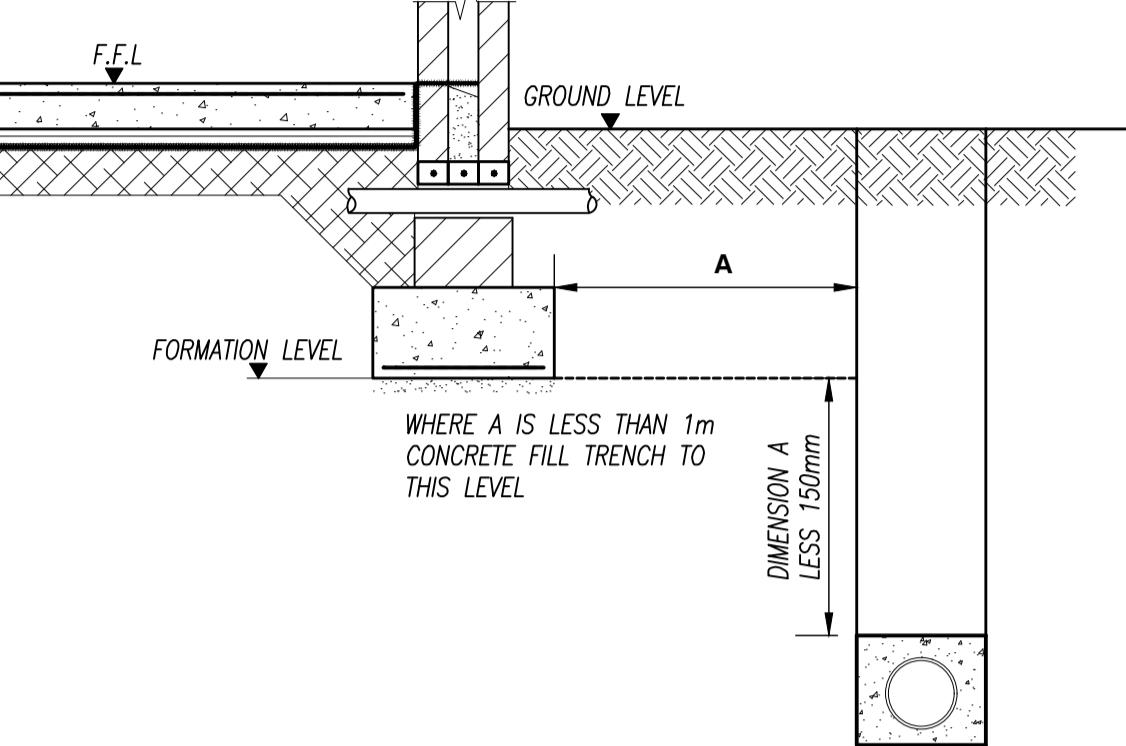


**PIPS BEDDED IN GRANULAR MATERIAL**  
**COVER > 0.9m IN ROADS**  
**COVER > 0.6m IN GARDENS**

SCALE 1:25



WHERE A IS LESS THAN 1m  
CONCRETE FILL TRENCH TO  
THIS LEVEL

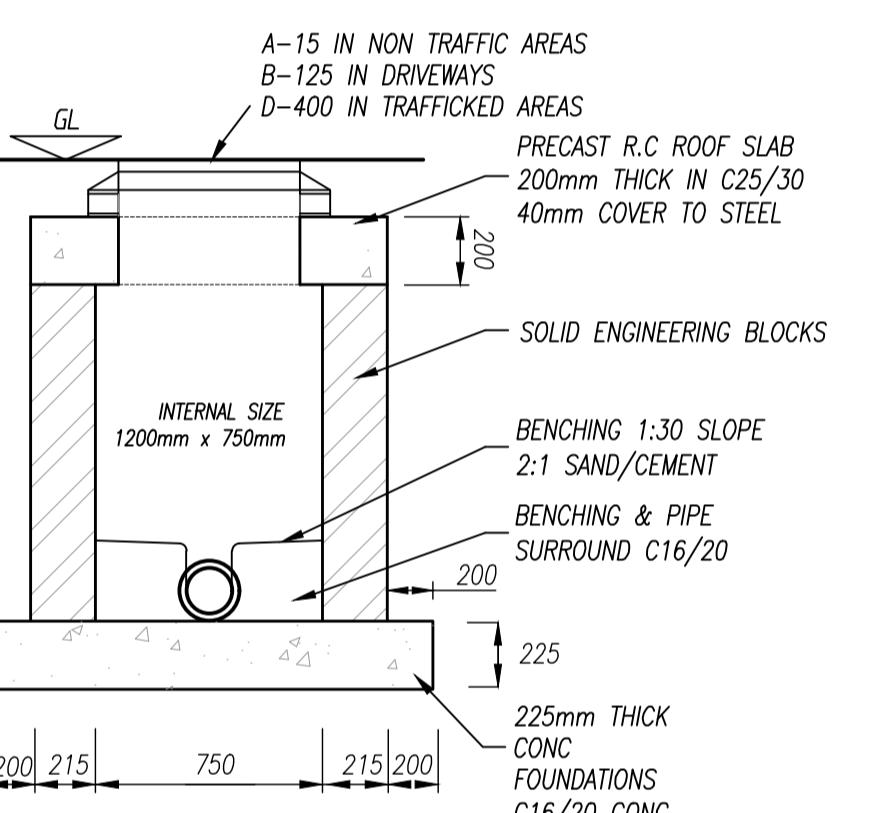


WHERE A IS LESS THAN 1m  
CONCRETE FILL TRENCH TO  
THIS LEVEL



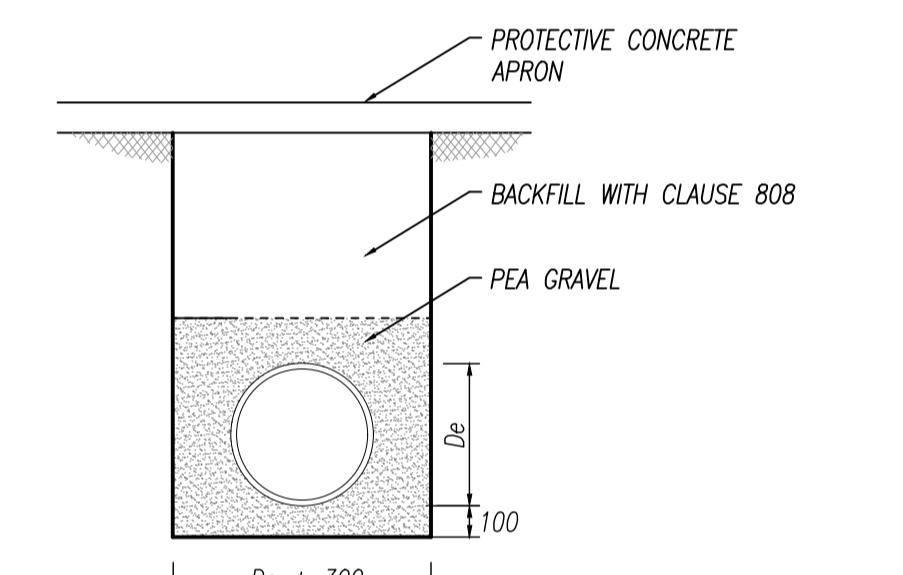
**TYPICAL DETAIL WHERE PIPE RUNS NEAR BUILDINGS**

SCALE 1:25



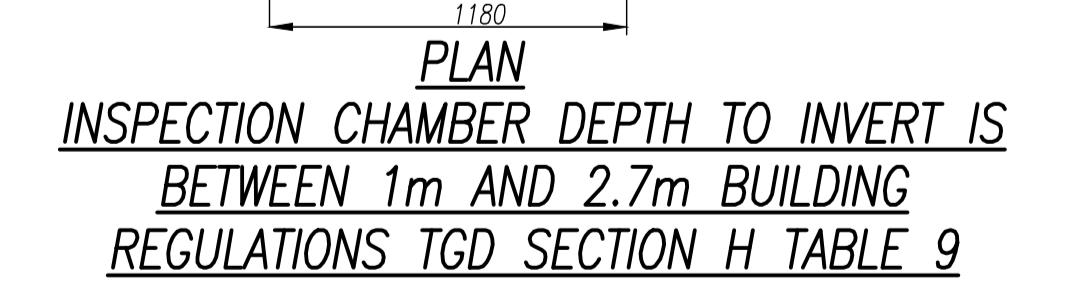
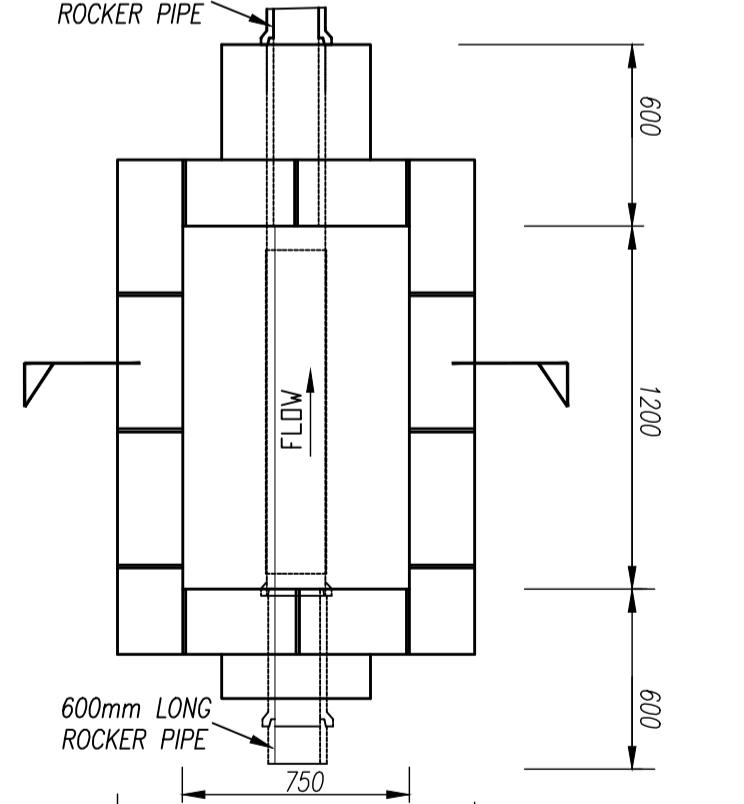
**PIPS BEDDED IN GRANULAR MATERIAL**  
**COVER < 0.9m IN ROADS**  
**COVER < 0.6m IN GARDENS**

SCALE 1:25



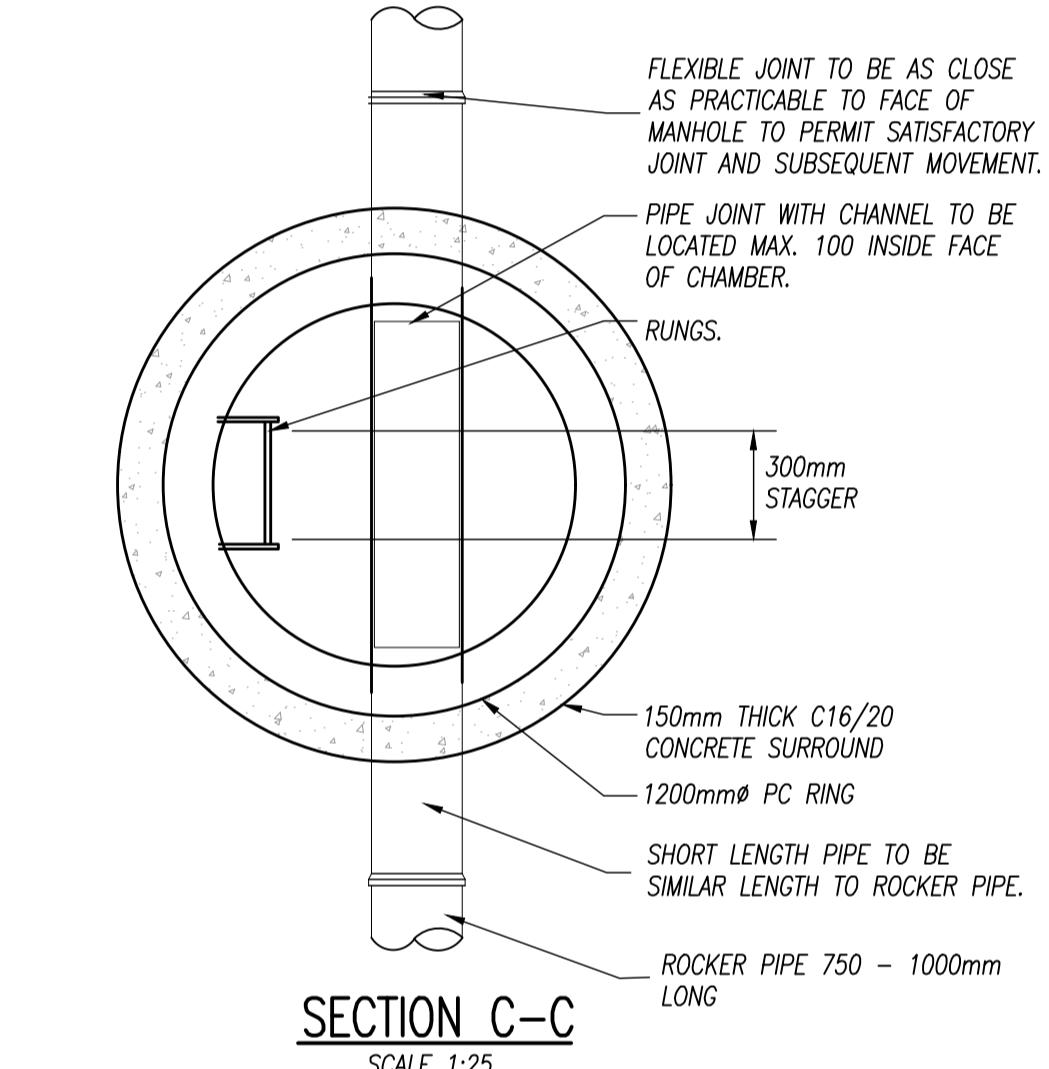
**PIPS BEDDING ALTERNATIVE DETAIL**  
**COVER < 0.9m IN ROADS**  
**COVER < 0.6m IN GARDENS**

SCALE 1:25



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

SCALE 1:25



**PLAN**  
**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

**CIRCULAR INSPECTION CHAMBER WHERE  
INVERT IS BETWEEN 1m AND 2.7m  
BUILDING REGULATIONS TGD SECTION H  
TABLE 9**

SCALE 1:25

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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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, AJ'S ETC TO BE STRICTLY IN ACCORDANCE WITH MANUFACTURERS INSTRUCTIONS

P2	07/08/25	FURTHER INFORMATION SUBMISSION	PW	EC
P1	16/04/25	LRD STAGE 3 PLANNING SUBMISSION	GB	EC
Amendments				
Project				
WOODTOWN, BALLYCULLEN				
Title				
PRIVATE SURFACE WATER DRAINAGE DETAILS				
Client				
LAGAN HOMES BALLYCULLEN LIMITED				
BLOCK S, EASTPOINT BUSINESS PARK, ALFIE BYRNE ROAD, DUBLIN D03 H3F4 IRELAND. Tel: +353 1 664 8900 Email: info@waterman-moylan.ie www.waterman-moylan.ie				
Status				
PLANNING				
Designed By	EC	Approved	JG	Waterman Ref 24-007
Drawn By	GB	Date	APRIL 2025	As Shown
Project	Originator	Volume	Level	Number
BYCN- WM - ZZ -XX-DR- C - P1231				Revision P2