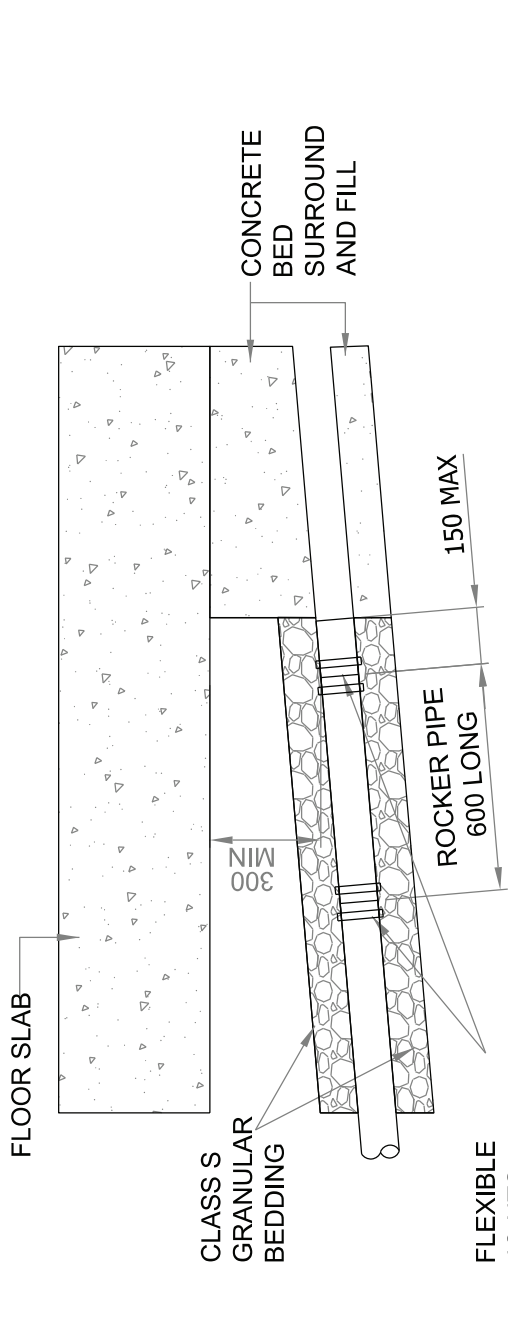
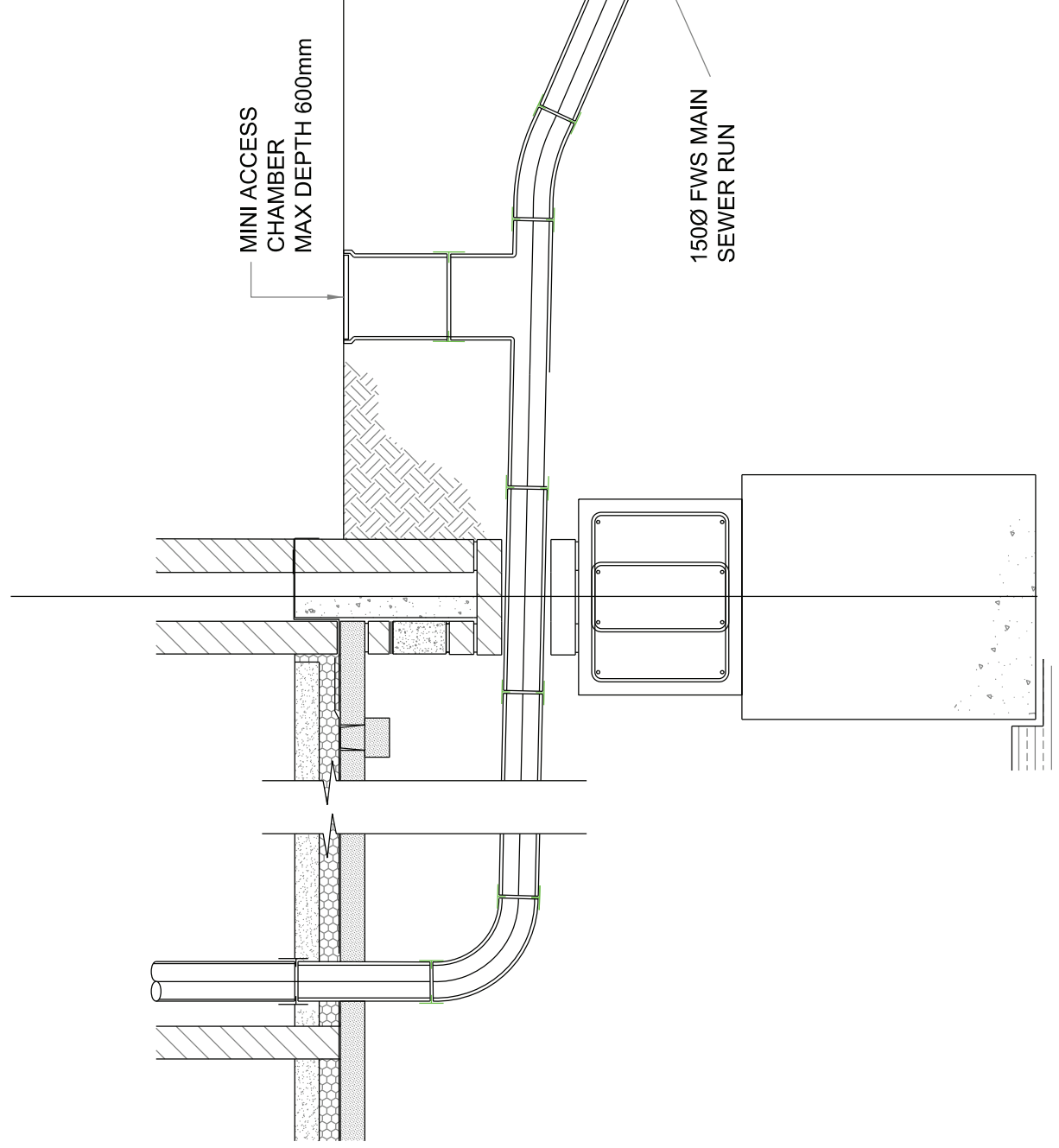


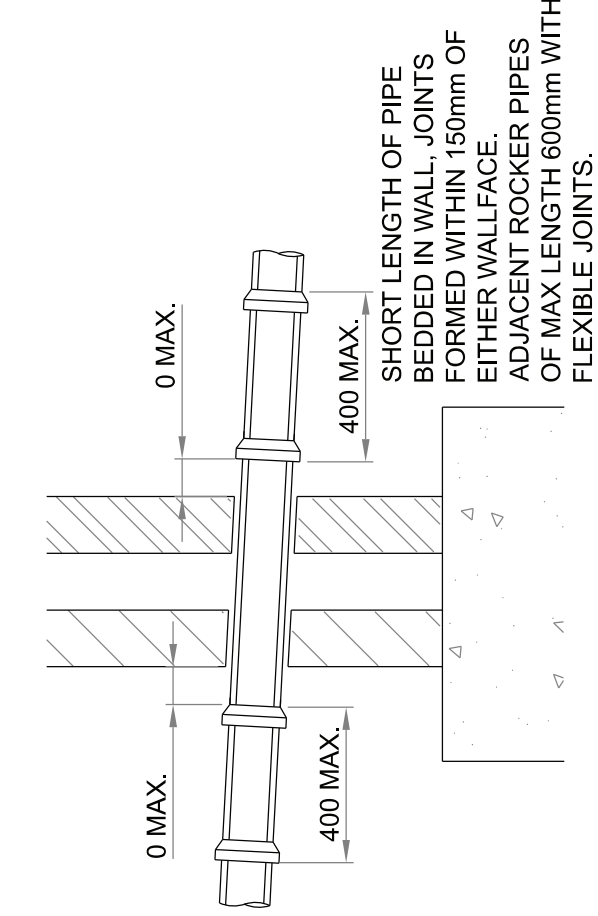


PIPELINE UNDER TYPICAL BUILDING SLAB

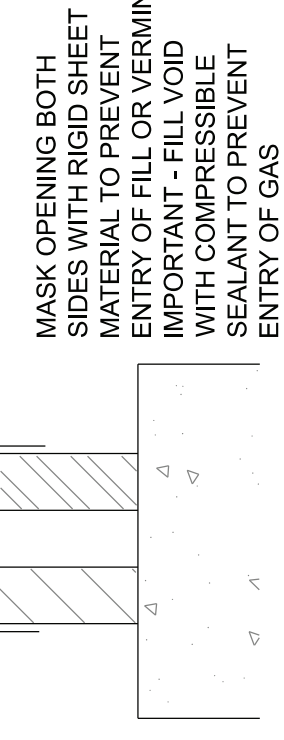
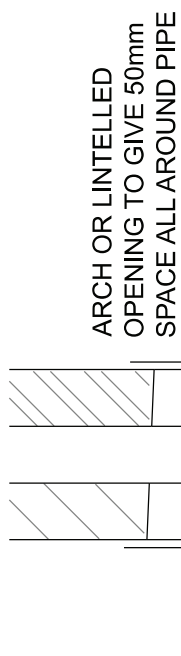
CONCRETE ENCASE WHERE COVER TO UNDERSIDE OF FLOOR SLAB IS LESS THAN 300 mm



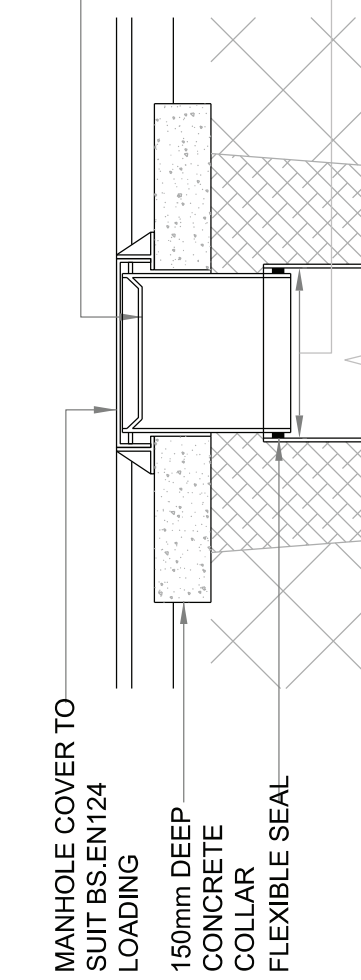
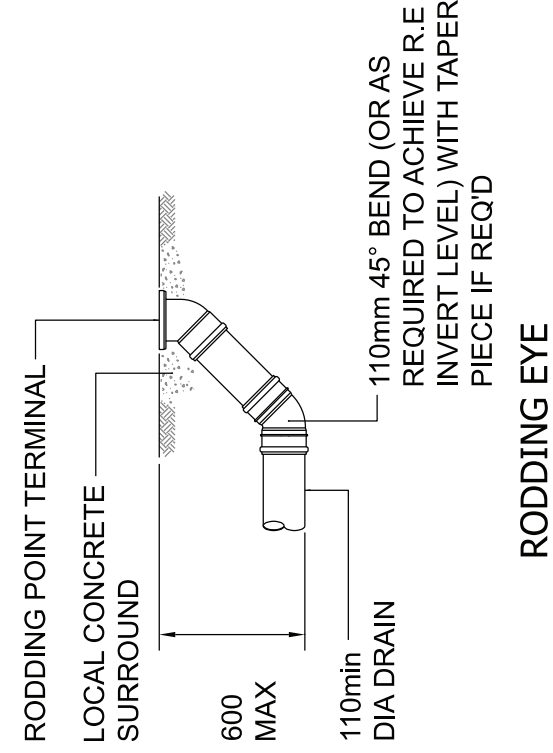
SOIL PIPE \ FOUL CONNECTION



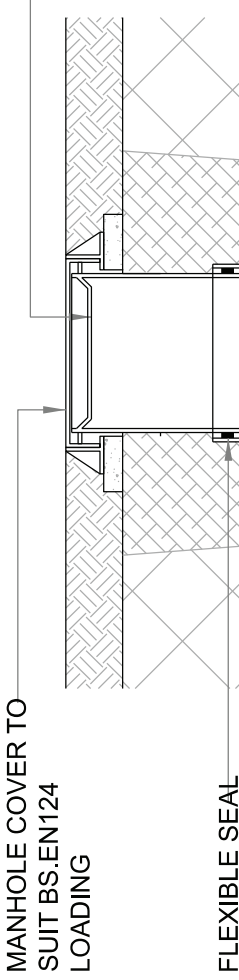
OR



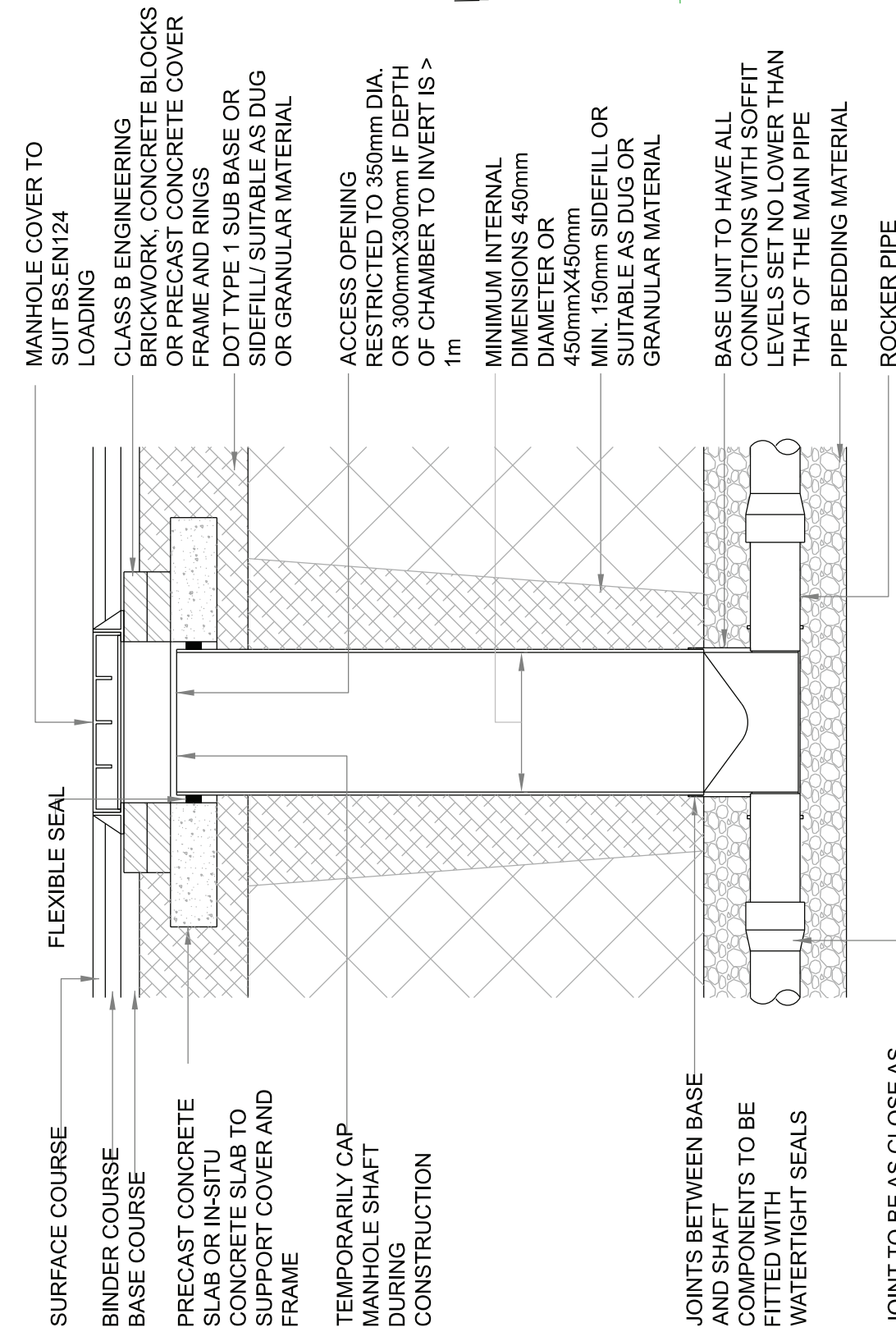
PIPEWORK PENETRATING WALL
DETAIL



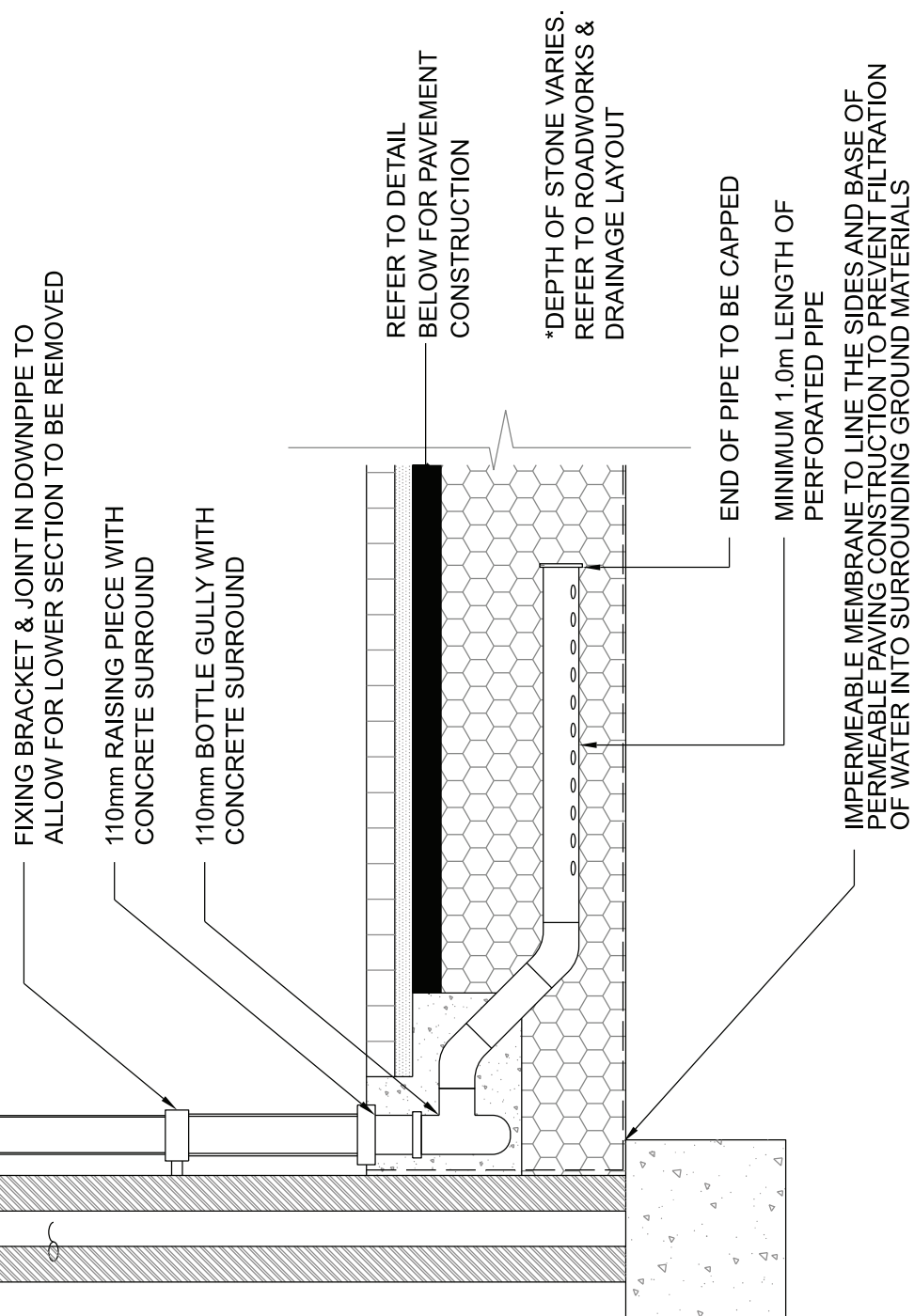
SITED IN DOMESTIC DRIVEWAYS OR FOOTWAYS



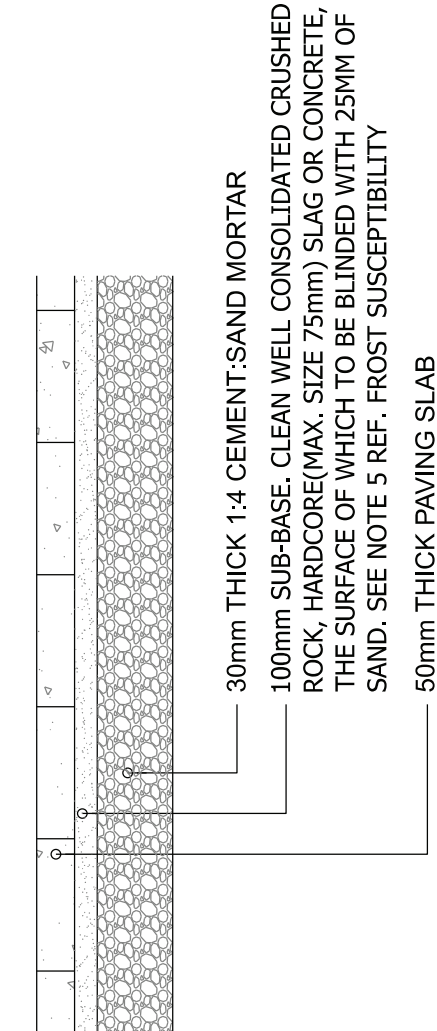
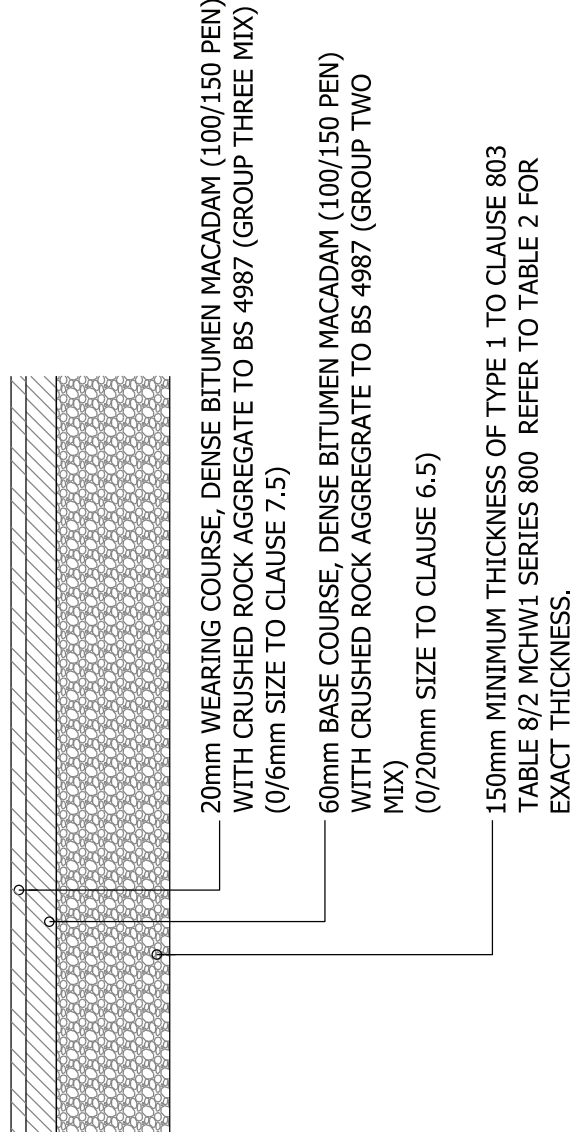
SITED IN DOMESTIC GARDENS



TYPICAL INSPECTION CHAMBER DETAIL



SINGLE BITWAC DRIVES AND PATHS



SHARED BITWAC DRIVES AND PATHS

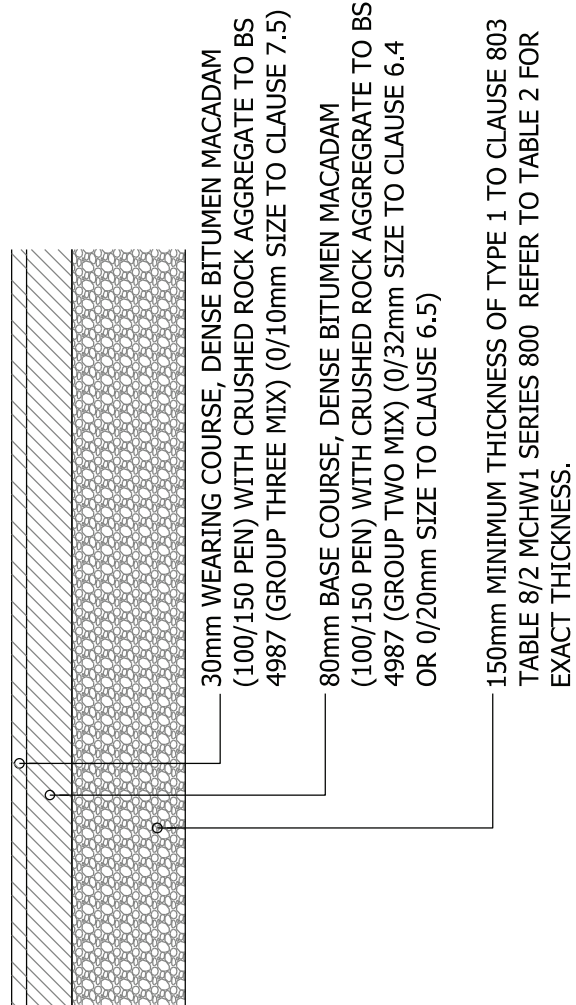


TABLE 2
FROM INHC STANDARDS CHAPTER 9.2 MINIMUM SUB-BASE THICKNESS FOR PAVED AREAS

CBR (%)	MINIMUM THICKNESS (mm) OF SUB-BASE (CONSOLIDATED IN ACCORDANCE WITH MCHW VOLUME 1 CLAUSE 801, TABLE 8/1)	
	WITHOUT GEOTEXTILE UNDERNEATH	WITH GEOTEXTILE UNDERNEATH
2.0 & BELOW	N/A	300
2.0-3.0	325	225
3.0-5.0	250	150
5.0-7.0	150	-
7.0-20.0	100	-

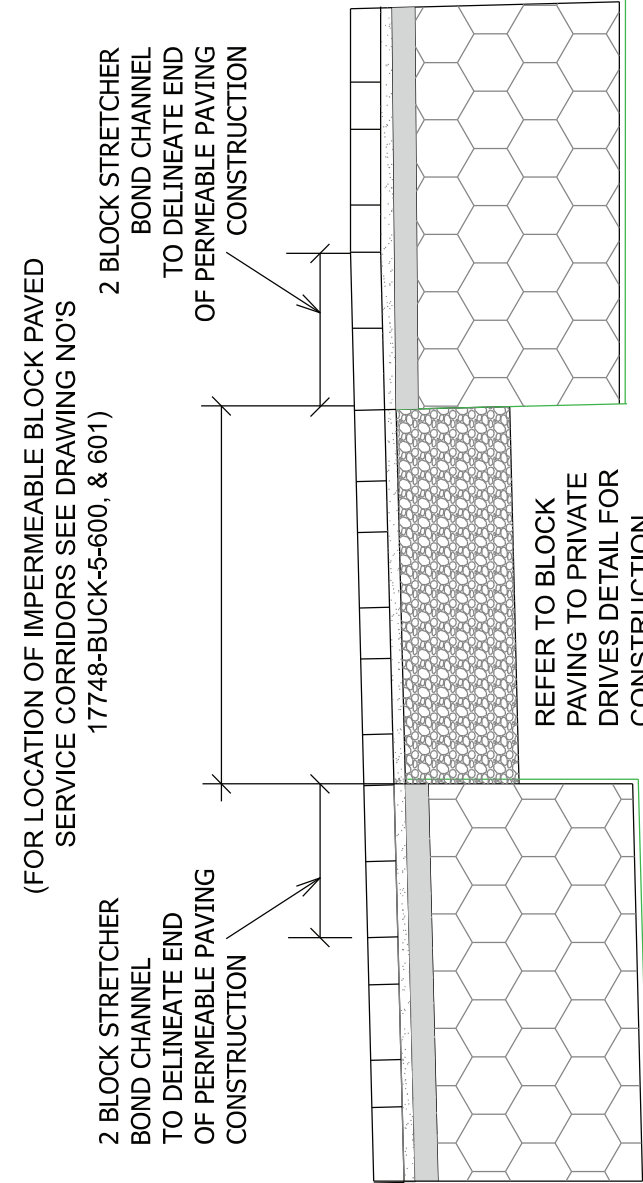
SAFETY, HEALTH AND ENVIRONMENTAL

In addition to the hazards, risks normally associated with the type of work detailed on this drawing, note the following significant risks and information.

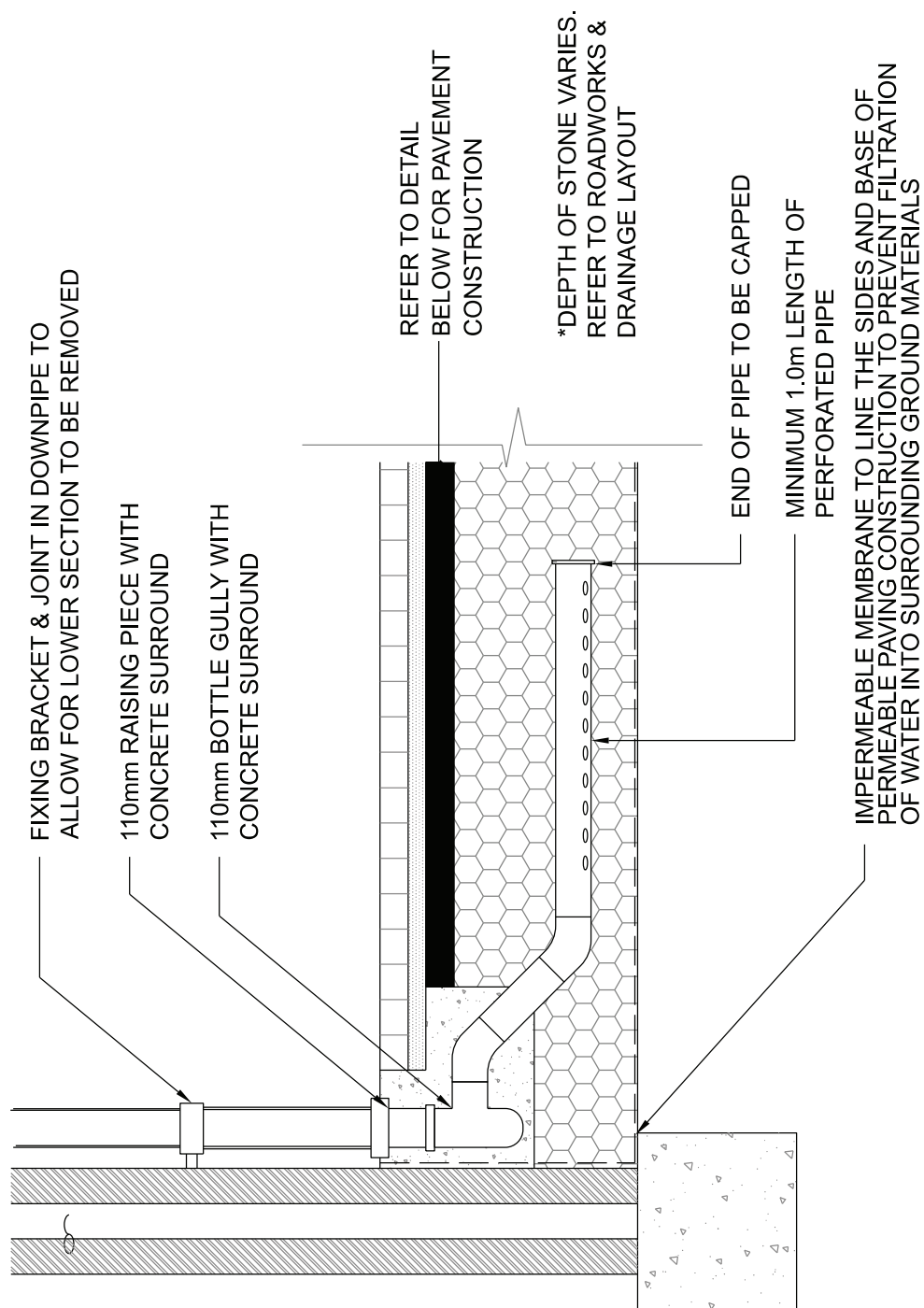
Construction:

1. The Contractor should make all necessary enquiries and take all necessary measures to identify the location of existing utilities running through the site. This includes the foul sewer located to the north and rising main to the middle of the site crossing east to west.
 2. Unacceptable concentrations of arsenic have been located within the site which will require further testing to determine the extent and appropriate licenced disposal.
- For information relating to end use, maintenance, demolition, see the health and safety file.

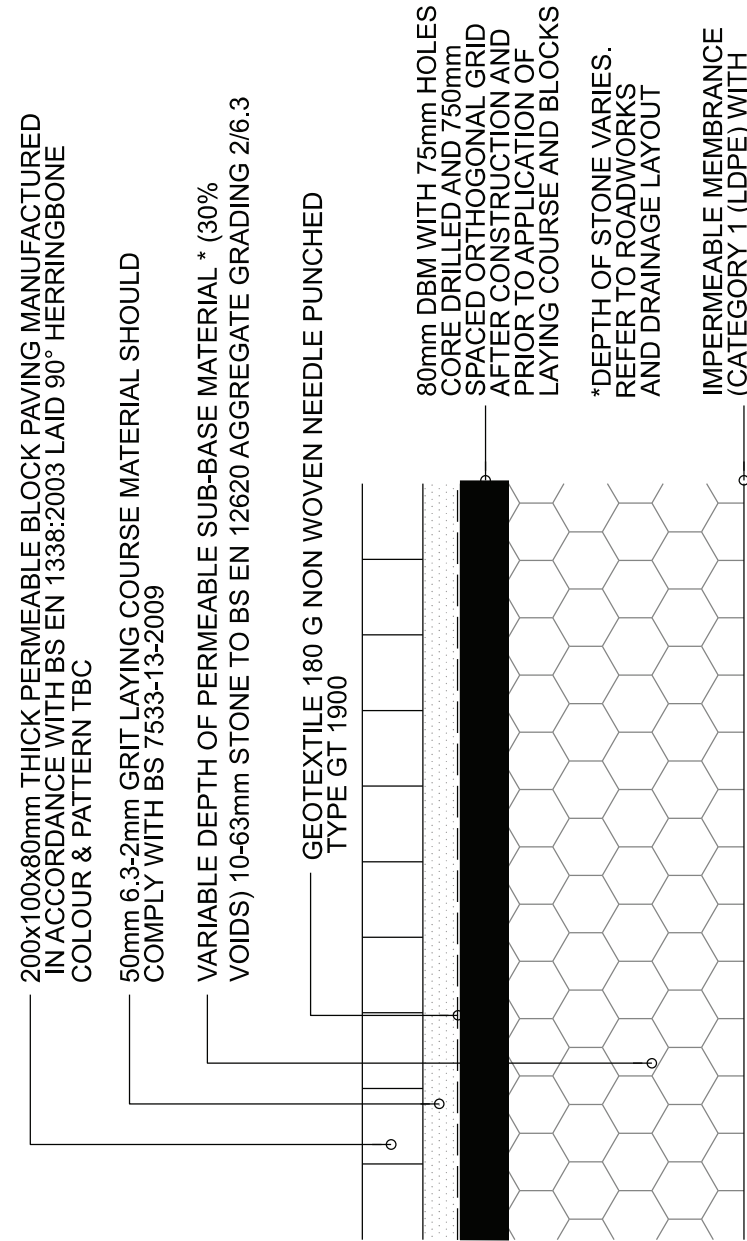
It is assumed that all works will be carried out by a competent Contractor, where appropriate, to an approved method statement.



TYPICAL CROSS SECTION ACROSS PERMEABLE BLOCK PAVED DRIVES INCORPORATING IMPERMEABLE BLOCK PAVED SERVICE CORRIDOR



RAINWATER DOWNPIPE DIRECT CONNECTION TO PERMEABLE PAVING



PERMEABLE BLOCK PAVED SHARED DRIVEWAY & PARKING BAYS

NOTES

1. Contractors must check all dimensions on site. Only figured dimensions are to be worked from. Discrepancies must be reported to the Architect or Engineer before proceeding.
© This drawing is copyright.
2. Until technical approval has been obtained from the relevant authorities, all drawings are issued as preliminary and not for construction. Should the Contractor commence site work prior to approval being given it is entirely at his own risk.
3. Woods Hardwick cannot accept liability for any discrepancies in terms of coordinates or any other information deciphered from dwg's.
4. Where the tests indicate that the sub-grade is frost susceptible a suitable capping layer should be included below the sub-base, to a depth that will ensure that the construction will not be affected by frost heave (minimum 450mm overall construction thickness). A capping layer can be any material not susceptible to frost heave. Soils that are not susceptible are sands and rocks.
5. When laid to either 90 or 45 degrees herringbone pattern then the edge perimeter to be laid with one single row of stretcher bond set parallel to the edge restraint. Where block pavers are laid abutting drainage channels, gully grates and the like, the upper surface of the block pavers shall be set between 3 and 6mm above the grating.
6. Manufacturer's declared value markings W3 and S4 are acceptable if W3 is 1.0kg/m2 or less and S4 is 45 or more based on 'c scale unit' (with regard to abrasion, Class A2, no test result is greater than 23mm; and Class A1 = no performance determined) .
7. Formation to parking areas to be proof-rolled. Any soft spots encountered are to be removed & replaced with granular type 1 material laid in layers not exceeding 225mm thick fully compacted.
8. Compaction to be in accordance with DMRB document Tables 6/1 to 8/1. 2000kg/m2 vibrating plate compactor to pass 6 times to achieve adequate compaction on 150mm thick hardcore - 4 passes for 100mm hardcore).
9. All pipes running through walls to have at least 50mm clearance all round and the opening masked with rigid sheet material.
10. All private drainage works to be constructed in accordance with the latest edition of the Building Regulations Part H (Drainage & Waste Disposal) and to BS EN 752 (Building Drainage).
11. Blockwork supplier to be consulted throughout the construction of the porous paving systems to ensure compliance with their standards.
12. The Contractor's attention is drawn to the requirement for the porous pavement formation to be underlain with an impermeable membrane (Terram 1000 or similar approved).

A | UPDATED DRAWING DETAILS | CLS | JGF | 07-08-19

REV	DESCRIPTION	DRN	CHD	DATE
1	PRELIMINARY			
2	CONSTRUCTION			

SCALE N.T.S @ A1 DATE JULY 2019

DRAWN SD CHK JGF

DRAWING NO. 17748-BARN-5-920 REV -

TITLE YAPTON ROAD BARNHAM

DETAILS PRIVATE CONSTRUCTION DETAILS

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PLEASE CONSIDER THE ENVIRONMENT BEFORE PRINTING THIS DRAWING