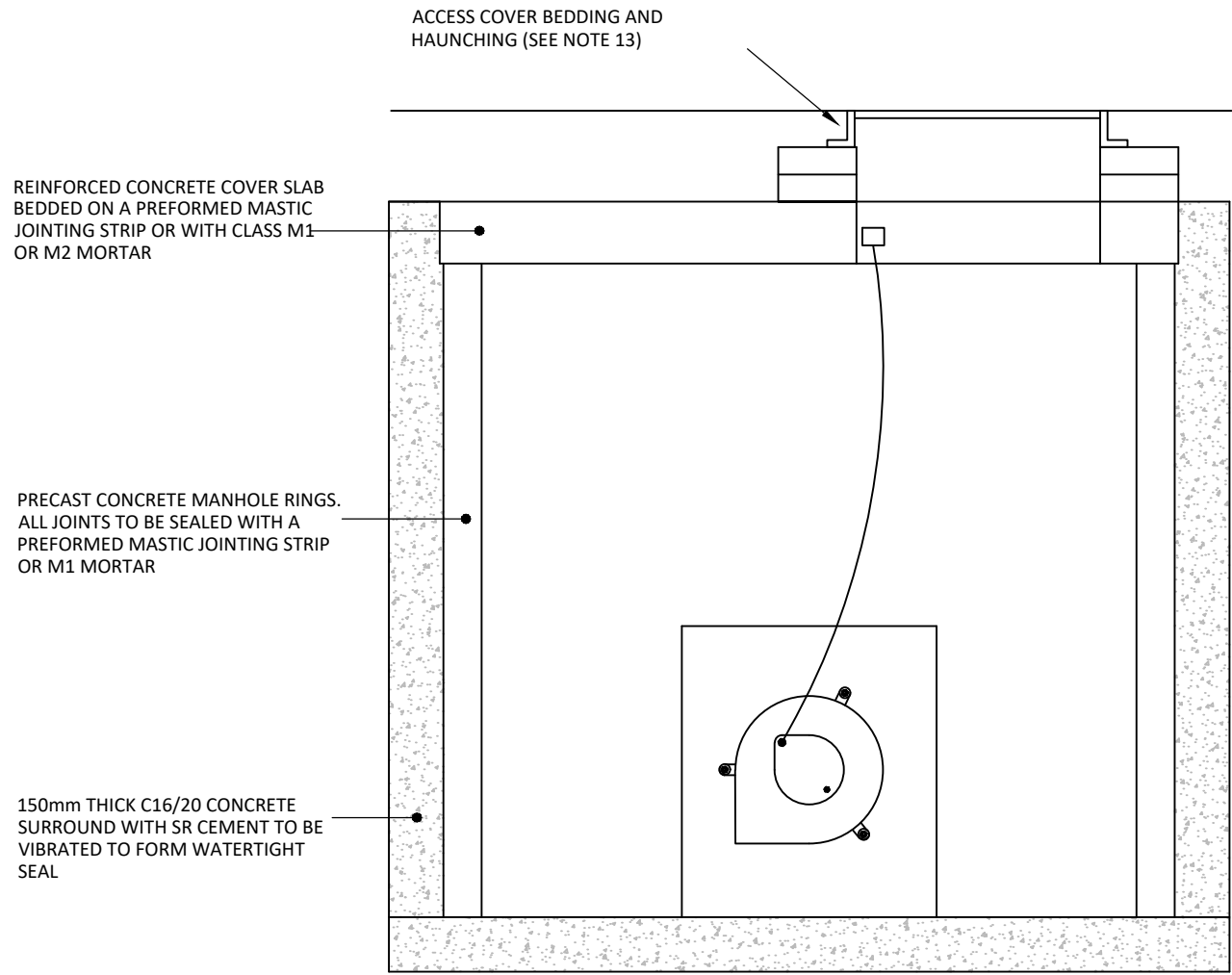
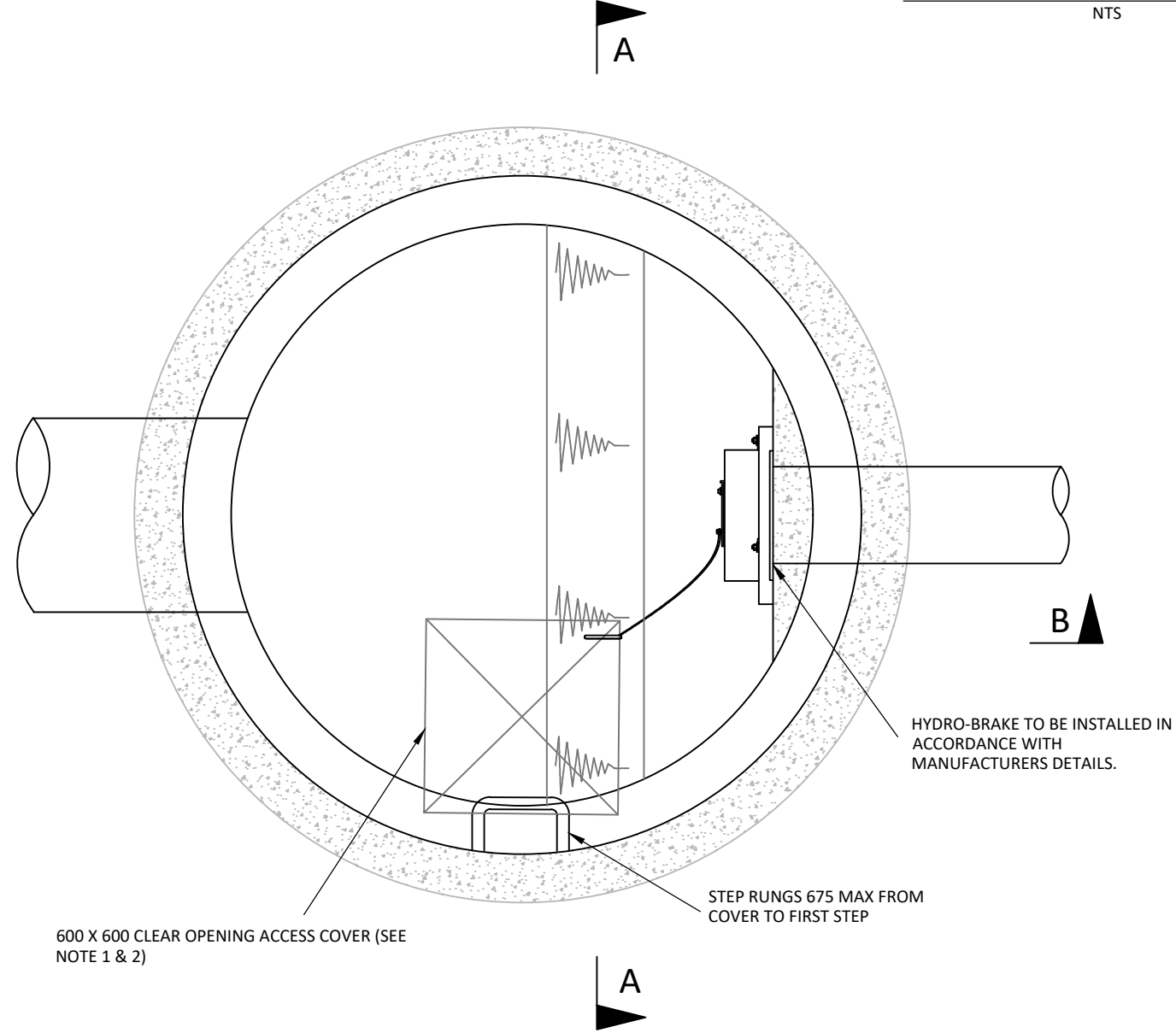


FLOW CONTROL MANHOLE

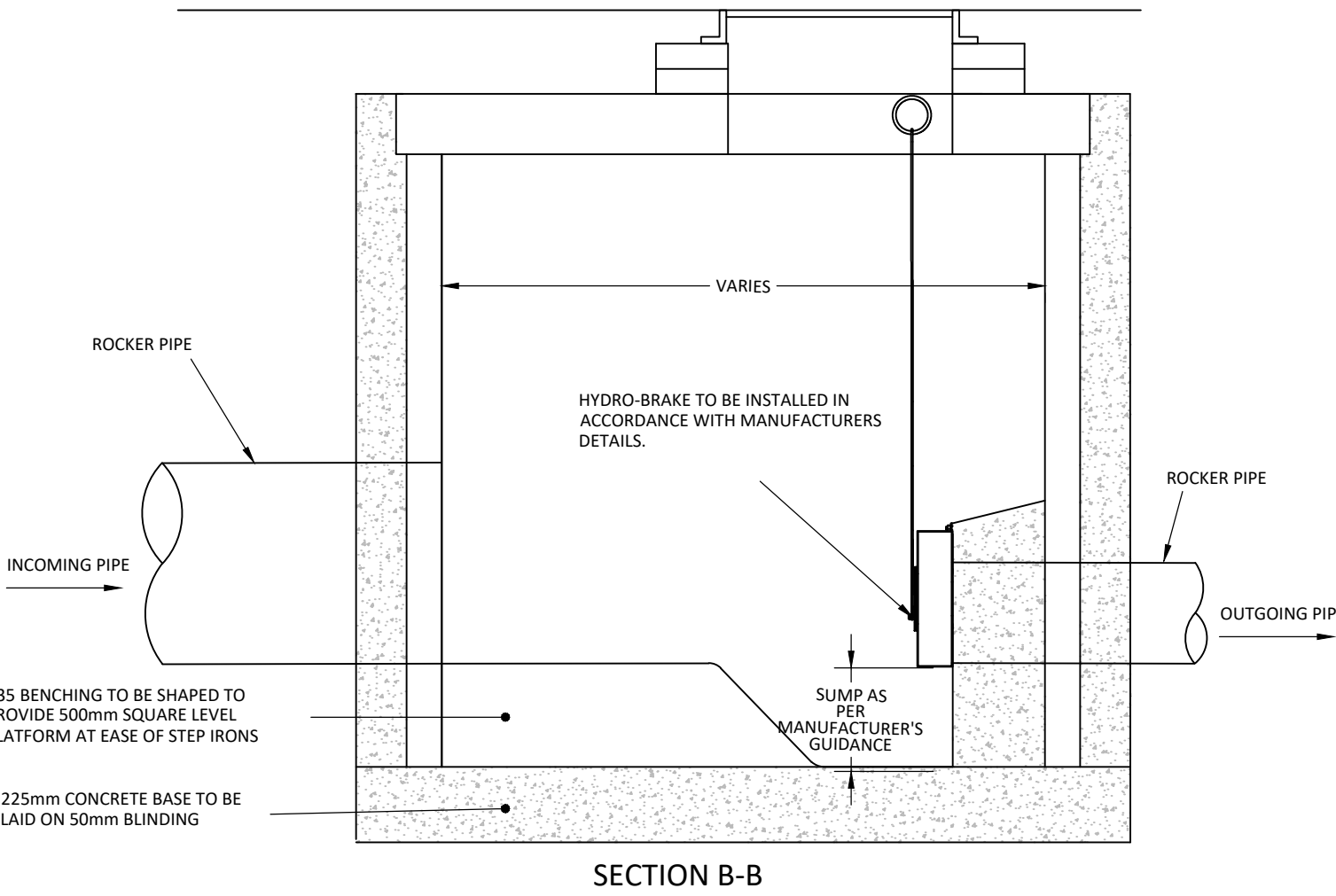
NTS



SECTION A-A

NOTE:

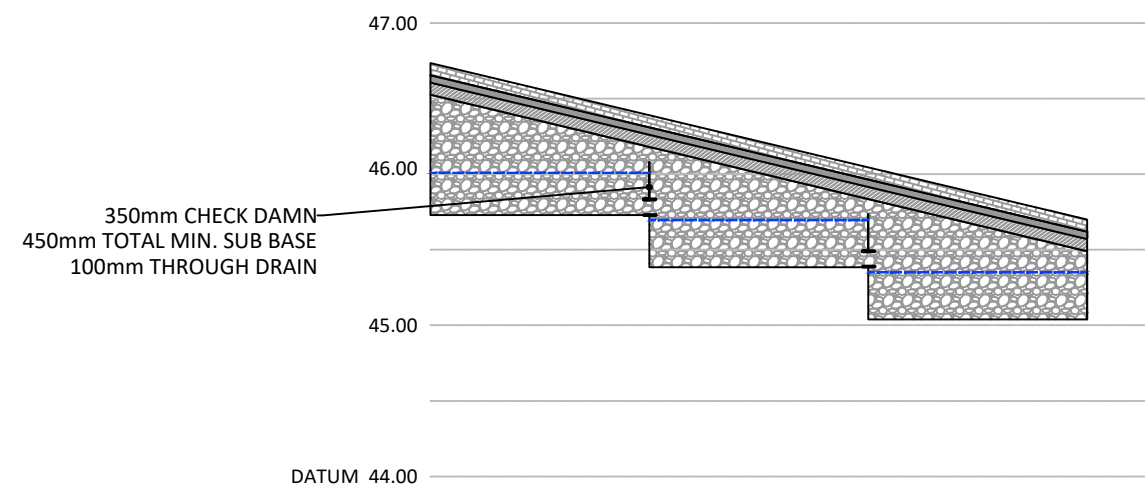
- ACCESS COVER GRADES (DEPTH OF FRAME TO SUIT LOCATION AND HIGHWAY CATEGORY)
BS EN 124
CLASS D400 - CARRIAGEWAY AND PARKING AREAS
CLASS B125 - FOOTWAYS, ETC
 - ACCESS COVERS TO HAVE A MINIMUM CLEAR OPENING OF 600mm SQUARE
CHAMBER SHALL BE SIZED APPROPRIATELY IN RELATION TO PIPES, MAN ACCESS AND REQUIREMENTS AND REQUIREMENTS OF CONTROL DEVICES
 - PIPES BUILT INTO MANHOLES SHALL HAVE A FLEXIBLE JOINT AS CLOSE AS FEASIBLE TO THE EXTERNAL FACE OF THE STRUCTURE AND THE LENGTH OF THE NEXT ROCKER PIPE SHALL BE AS SHOWN BELOW
- | NOMINAL DIAMETER (mm) | EFFECTIVE LENGTH (m) |
|-----------------------|----------------------|
| 150 - 600 | 0.60 |
| 601 - 750 | 1.00 |
| OVER 750 | 1.25 |
- EFFECTIVE LENGTH (m)
- STEP RUNGS SHALL BE DOUBLE POLYPROPYLENE ENCAPSULATED
 - ALL IN-SITU CONCRETE TO HAVE 50-75mm SLUMP AND TO BE VIBRATED TO FORM DENSE WATERTIGHT SEAL WITH PRECAST SECTIONS
 - BENCHING TO BE C28/35 OR GRANULITHIC TO FORM DENSE SMOOTH FINISH WITH A 500mm X 500mm FLAT AREA AT BOTTOM OF MAN ENTRY SYSTEM.
 - IN-FILL COVERS OF ANY TYPE SHALL NOT BE USED. WHERE A COVER IS LOCATED IN AN AREA OF CLOCK PAVING THE FRAME SHALL BE 150mm DEEP.
 - FRAME FOR MANHOLE COVERS SHALL BE BEDDED IN A POLYESTER RESIN BEDDING MORTAR IN ALL SITUATIONS WHERE COVERS ARE SITED IN NSW ROAD CATEGORIES 1, 2 OR 3.
 - LADDERS SHALL BE EITHER STAINLESS STEEL OR GRP. FIXINGS TO BE STAINLESS STEEL. DOUBLE RUNG STEP IRONS ALSO AVAILABLE
 - WHERE FITTED LADDERS SHALL BE EXTENDABLE TO A HEIGHT OF 1m ABOVE GROUND LEVEL
 - WHERE TOP HOLE PROVIDED IN BENCHING. SIZE OF HOLE SHALL BE 150mm HIGH X 150mm (MIN) DEPTH AND WIDTH. VERTICAL SPACING SHALL BE SAME AS STEP RUNGS
 - FRAMES FOR MANHOLE COVERS SHALL BE BEDDED IN A POLYESTER RESIN BEDDING MORTAR IN ALL SITUATIONS WHERE COVERS ARE SITED IN NSW ROAD CATEGORIES 1, 2 OR 3.
 - UNLESS NOTED OTHERWISE ALL DIMENSIONS ARE IN MILLIMETERS



SECTION B-B

SECTION A-A PERMEABLE PAVING SECTION

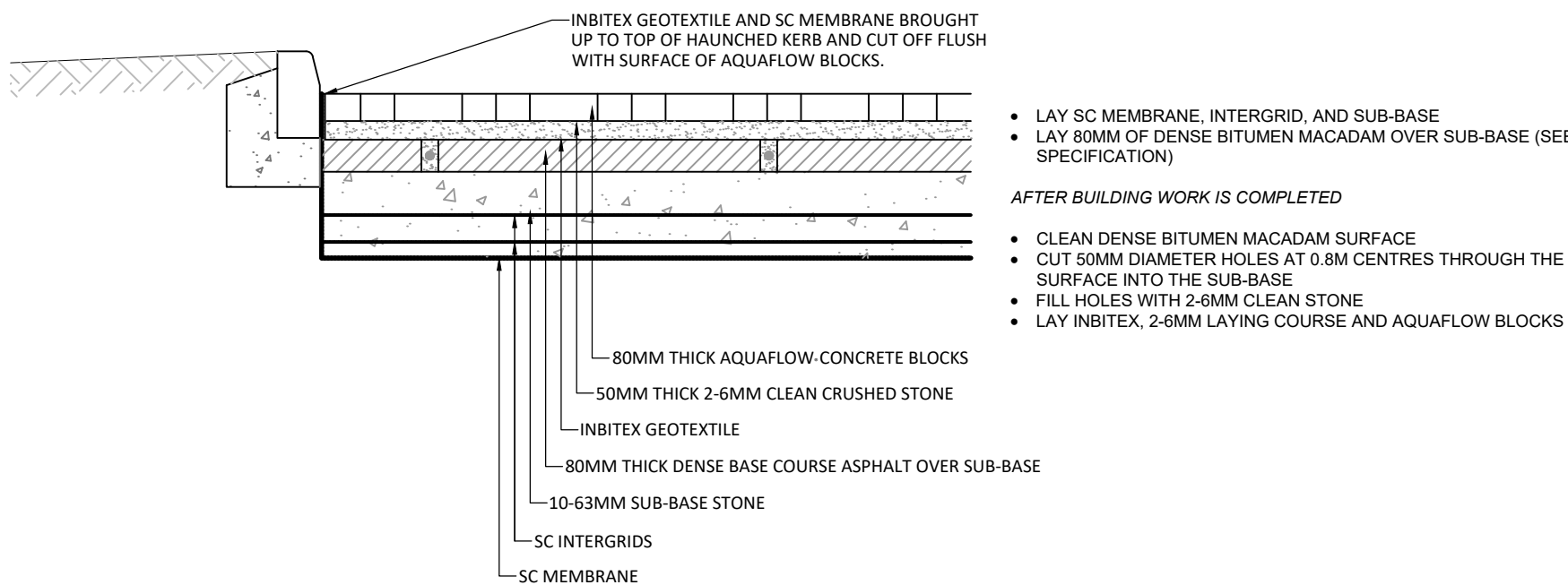
NTS



CHAINAGE	0+00	7+24	14+48	21+72
EXISTING GROUND LEVEL	46.58			46.30
PROPOSED ROAD LEVEL	46.70	46.36	46.03	45.70
ROAD LONGITUDINAL GRADIENT	1:21	1:21	1:21	
INVERT LEVEL	45.70	45.36	45.04	45.04
WATER LEVEL (1%AE+CC)	46.02	45.52	45.52	45.52

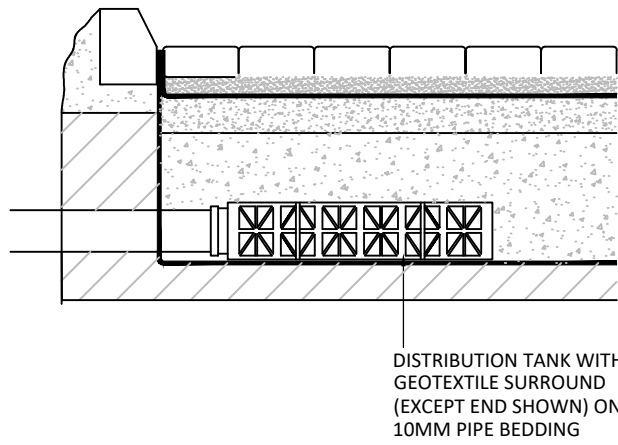
TYPICAL SECTION THROUGH FORMPAVE AQUAFLOW ATTENUATION SYSTEM

(HEAVY DUTY CONSTRUCTION) NTS



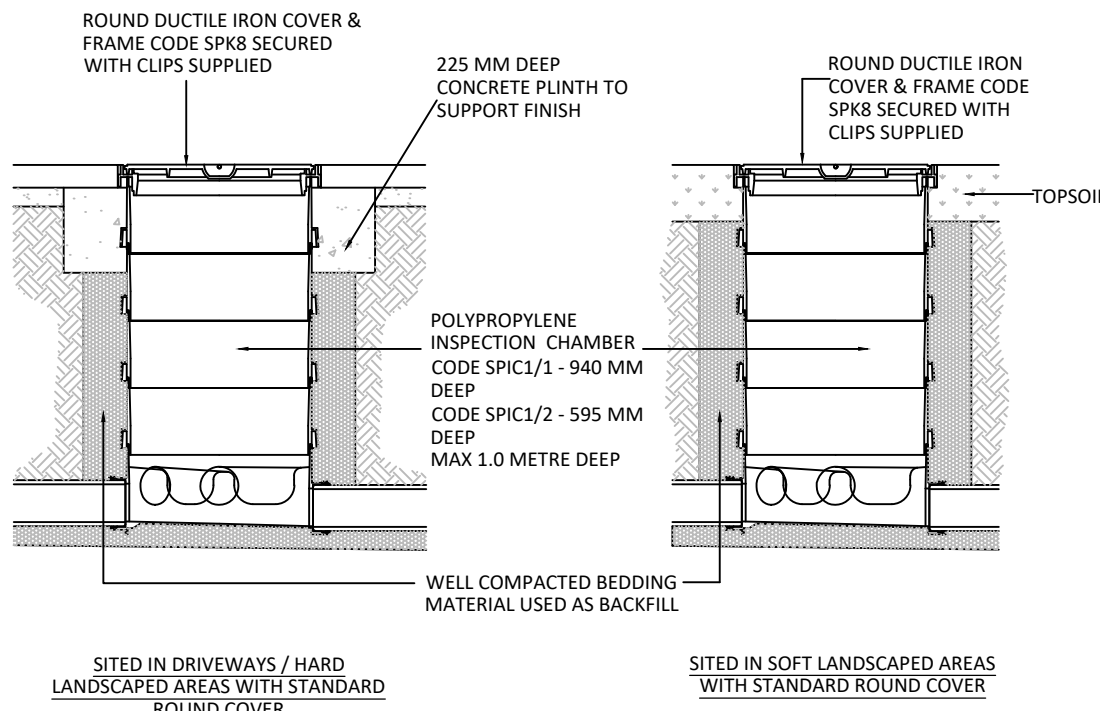
TYPICAL MODULAR BLOCK PAVING DISTRIBUTION BOX INLET DETAIL

NTS



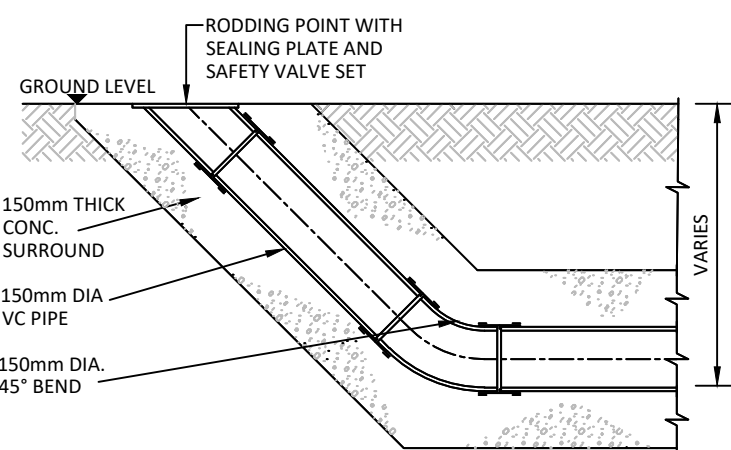
POLYPROPYLENE INSPECTION CHAMBER

SCALE 1:20



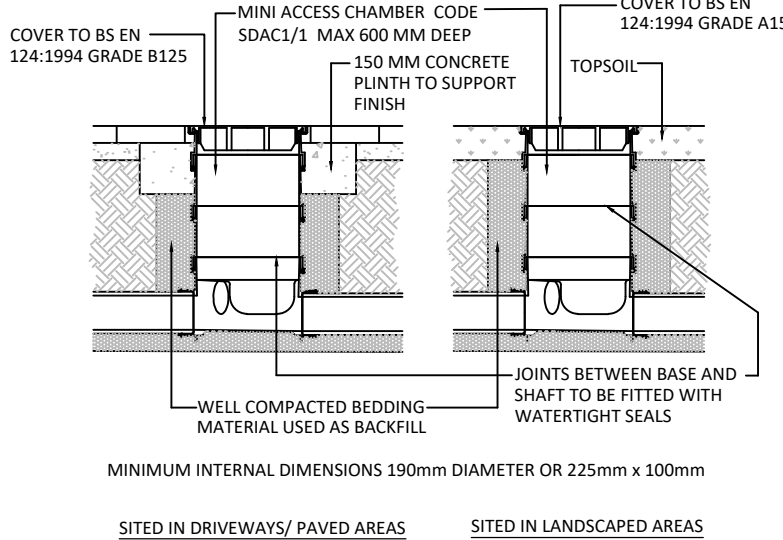
RODDING EYE DETAIL

SCALE 1:20



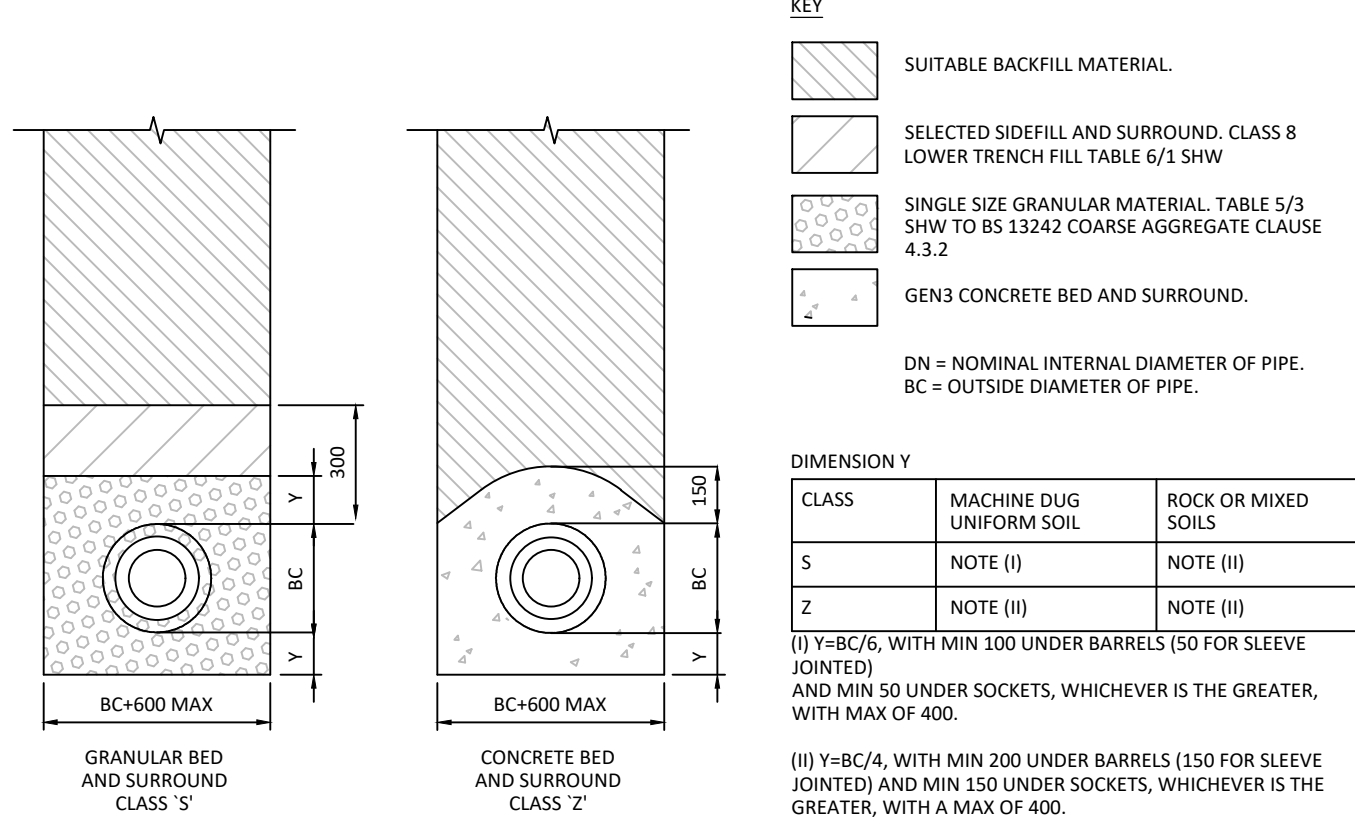
MINI ACCESS CHAMBER DETAIL

SCALE 1:20



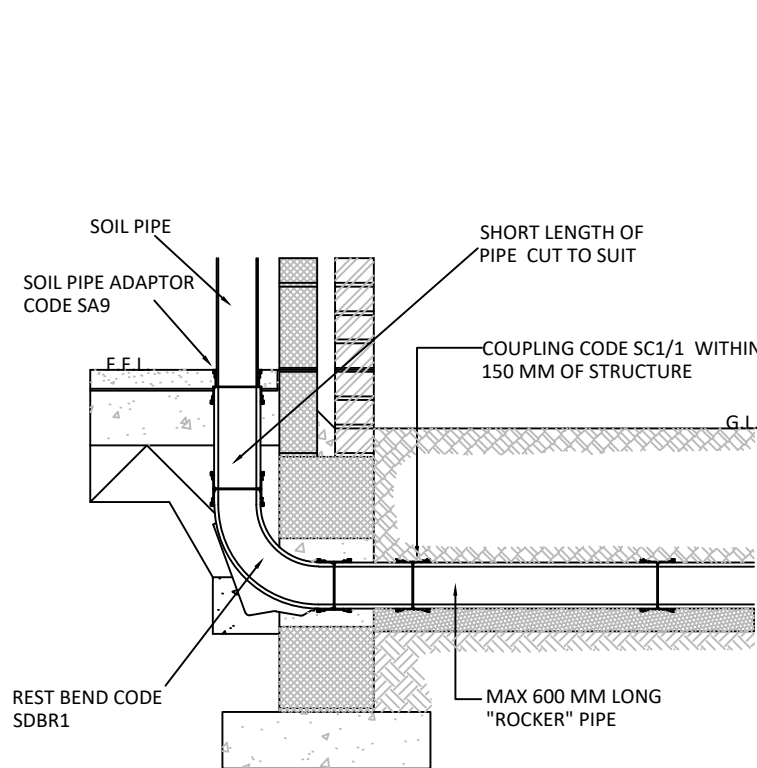
PIPE BEDDING DETAILS

SCALE 1:20



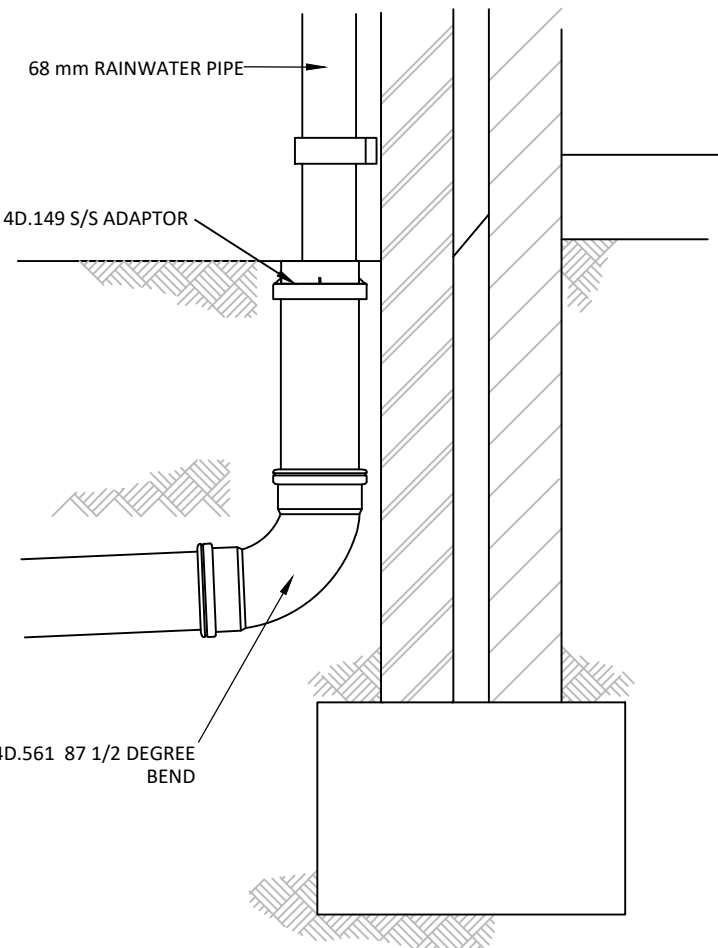
SOIL & VENT PIPE / STUB STACK / W.C. PIPE

SCALE 1:20



EXTERNAL R.W.P. TO DRAIN

SCALE 1:20



DESIGN BY:				CLIENT:		PROJECT:	
				COULSTON ESTATES LTD		SOUTH VIEW FARM HOUSE	
ARCHITECT:				TITLE:		STANDARD DRAINAGE DETAILS	
DRAWING STATUS:				SCALE @ A1:		PROJECT No:	DRAWING No:
PLANNING APPLICATION				AS SHOWN		19682	TUM-PL-XXX-0220
REV.				REVISION		REV:	
B UPDATED WITH NEW SITE PLAN				14/01/26		RP	
A FIRST ISSUE				10/12/25		NKS	
REV.				Date		BY	
DESCRIPTION				Date		CHK	