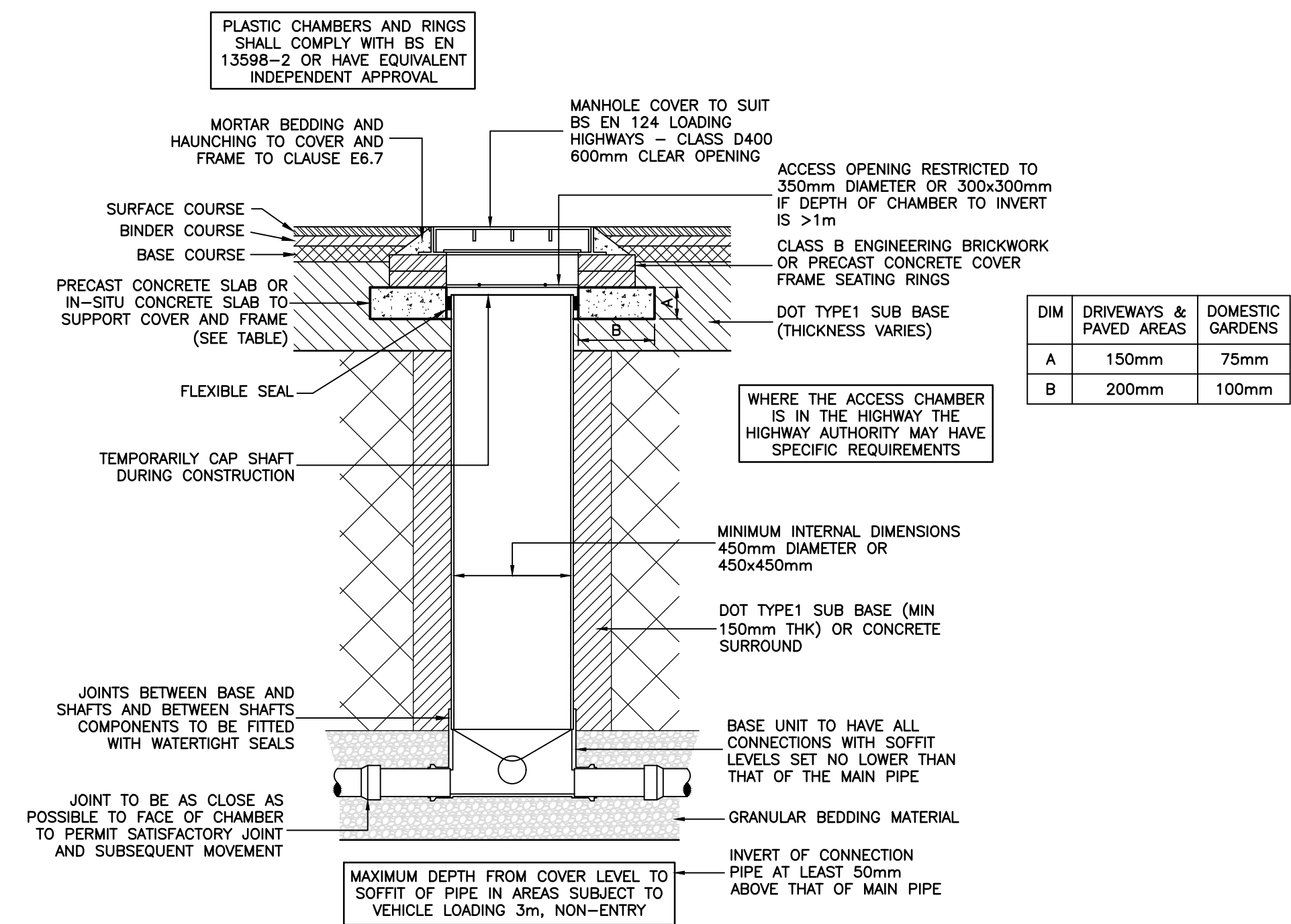
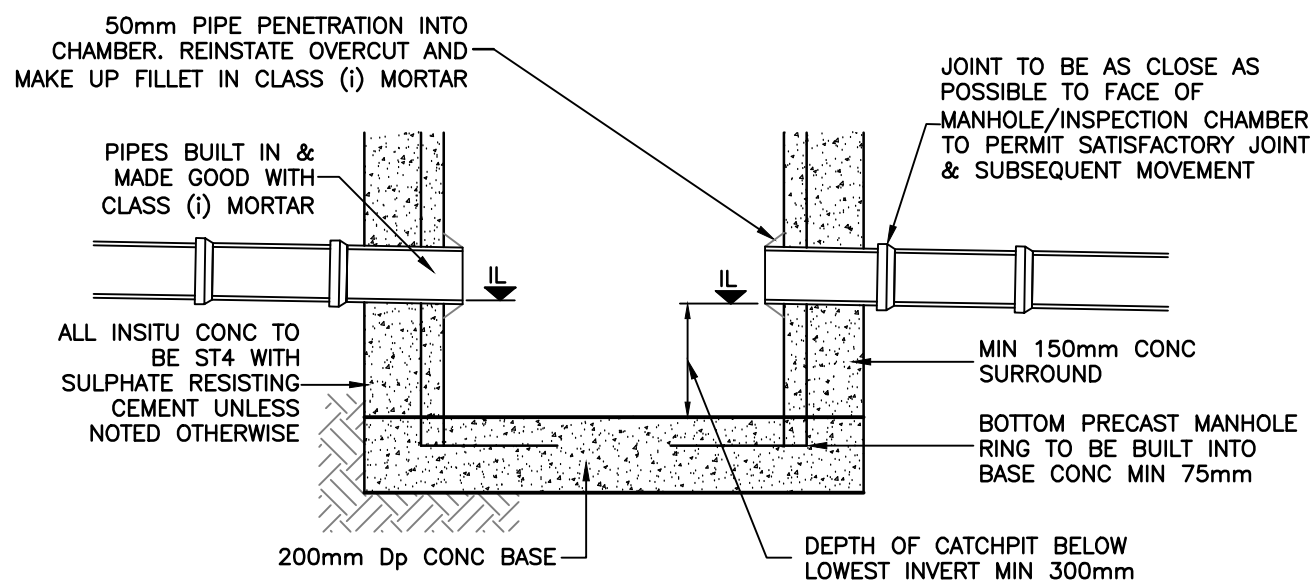
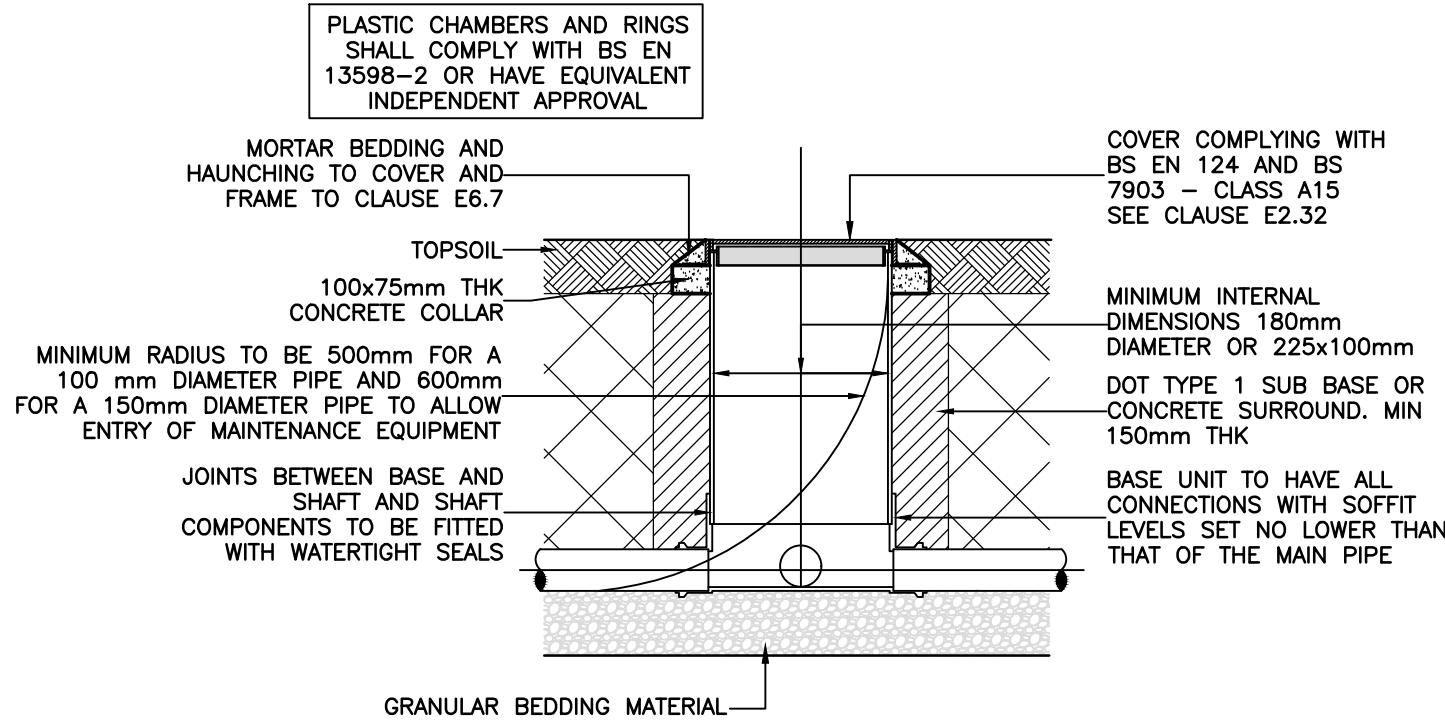




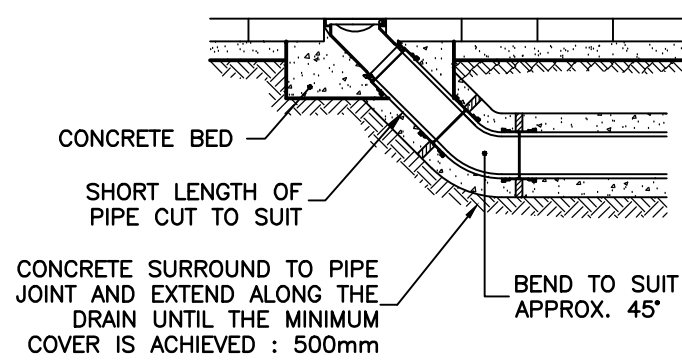
TYPICAL INSPECTION CHAMBER
DETAIL - TYPE 3
(FLEXIBLE MATERIAL)
1:20



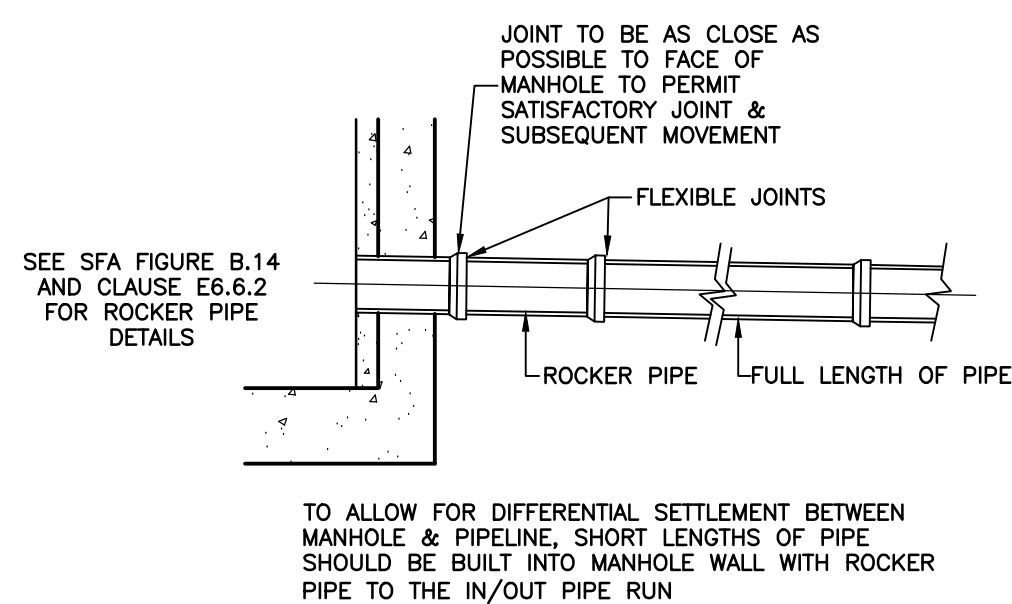
TYP. CATCHPIT DETAIL
1:20



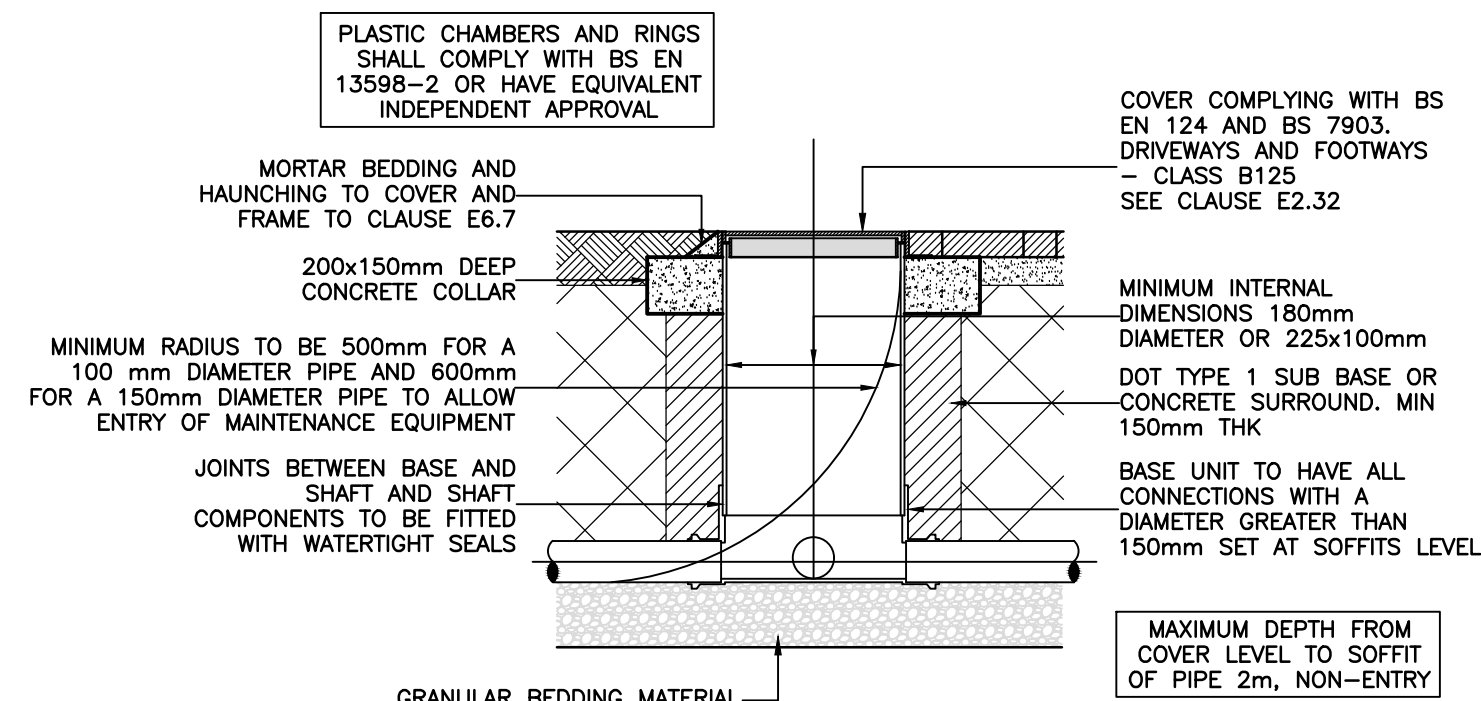
TYPICAL INSPECTION CHAMBER
DETAIL - TYPE 4
(FLEXIBLE MATERIAL)
1:20



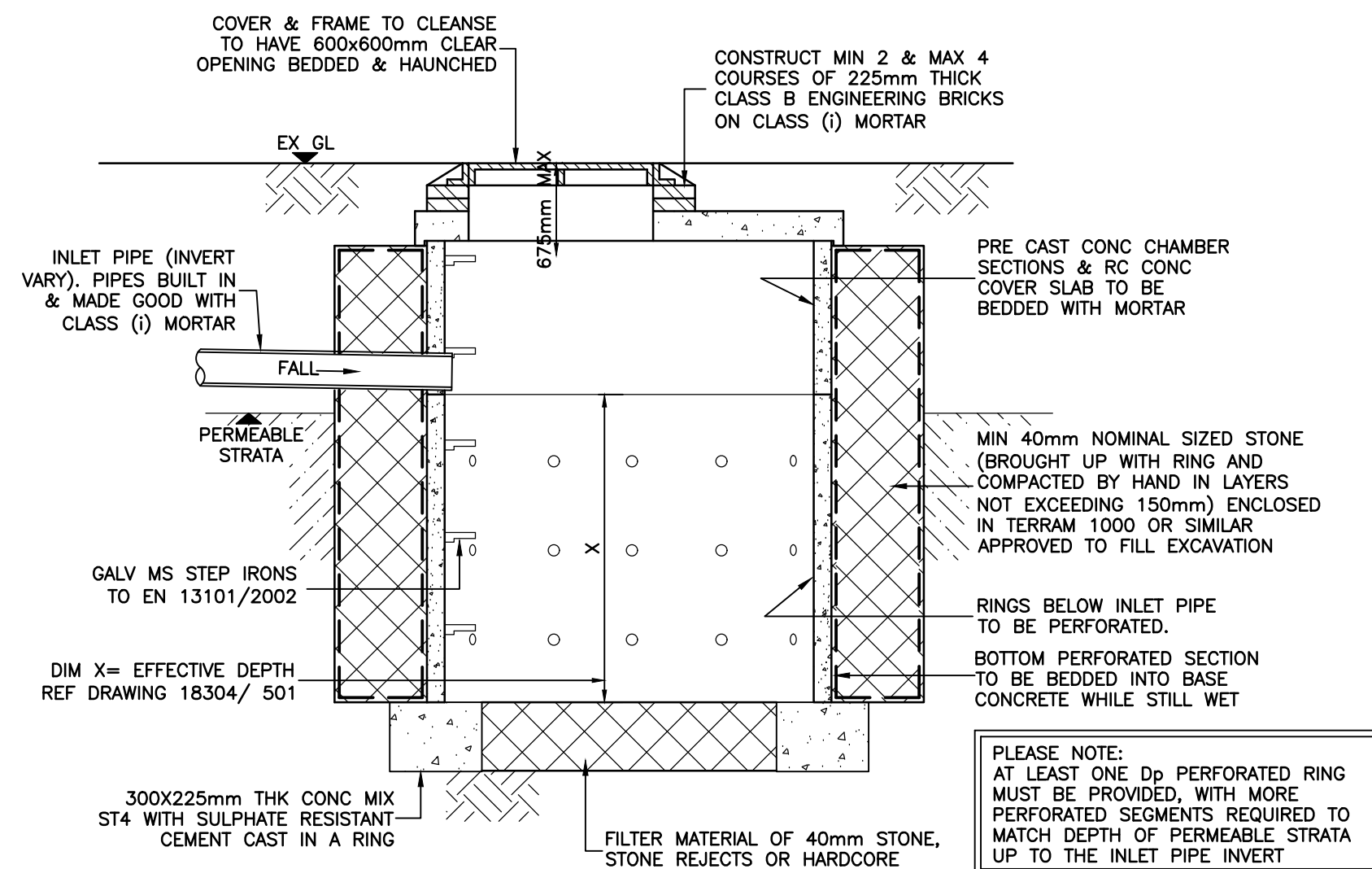
RODDING EYE DETAIL
NTS



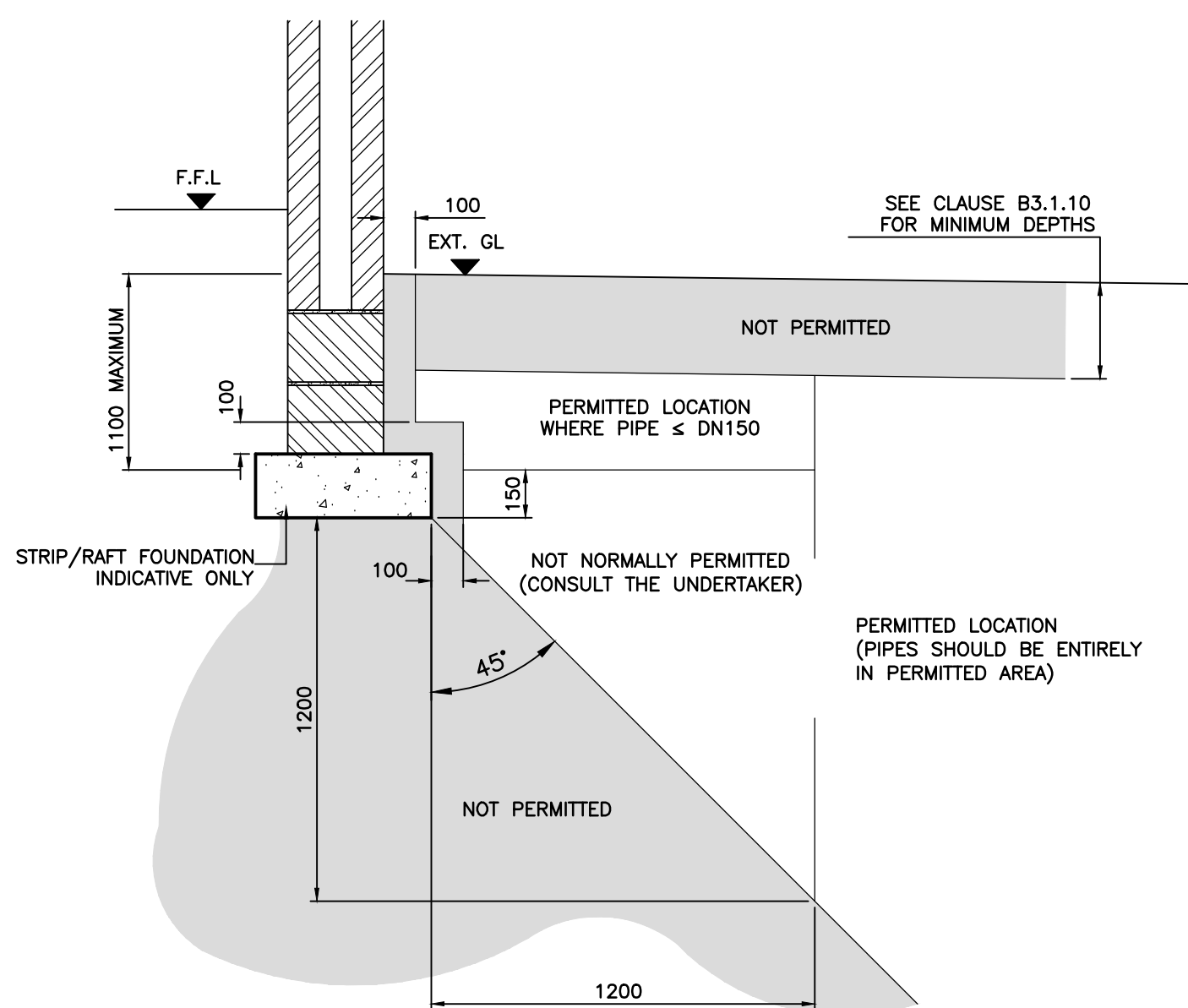
JOINTING OF PIPELINE TO
STRUCTURE/MANHOLE
1:20



TYPICAL INSPECTION CHAMBER
DETAIL - TYPE 4
(FLEXIBLE MATERIAL)
1:20



SOAKAWAY CHAMBER DETAIL
1:20



SEWER IN CLOSE
PROXIMITY TO BUILDING
1:20

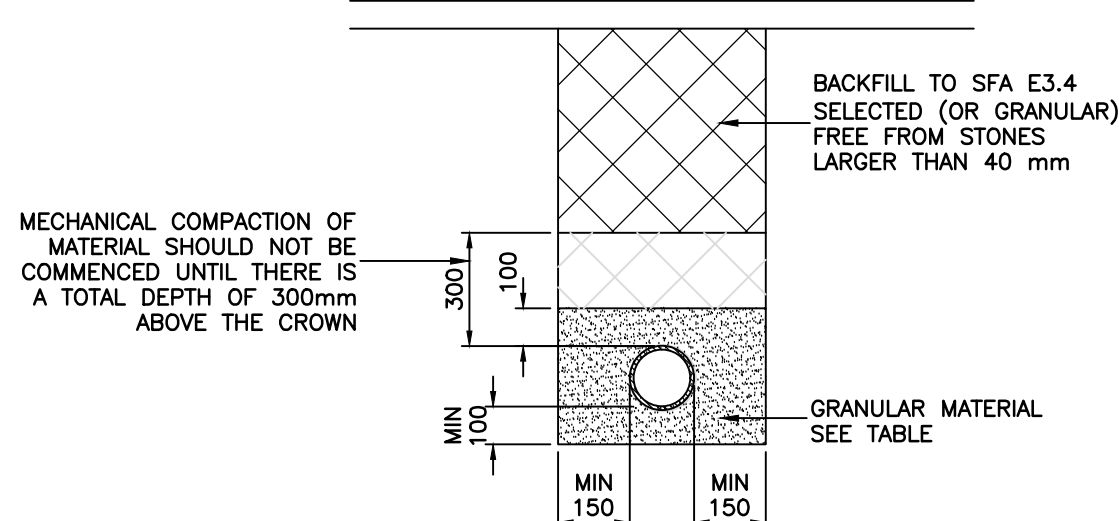
CLASS Z TO BE USED WHEN COVER IS LESS THAN:

GARDENS AND PATHS	0.35m
VEHICLES ≤ 7.5t	0.50m
VEHICLES > 7.5t (RESTRICTED ACCESS)	0.90m
AGRICULTURAL AND PUBLIC SPACES	0.90m
HIGHWAYS AND UNRESTRICTED ACCESS	1.20m

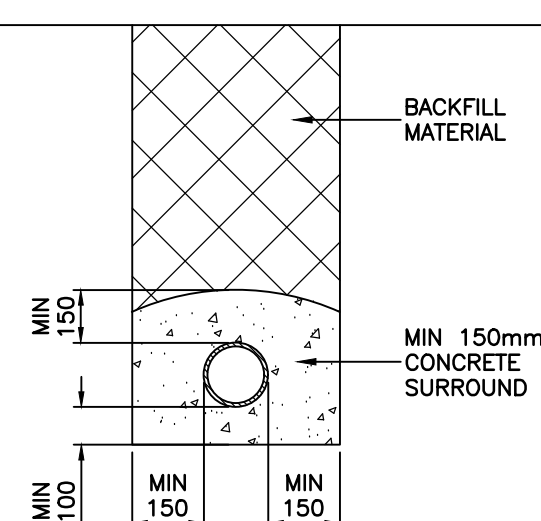
CONCRETE SURROUND IN ACCORDANCE WITH CLAUSE 503.3 (iii) OF THE SPECIFICATION FOR HIGHWAY WORKS (S.H.W.).

CONCRETE TO BE ST4 IN ACCORDANCE WITH CLAUSE 2602 OF THE SPECIFICATION FOR HIGHWAY WORKS (S.H.W)

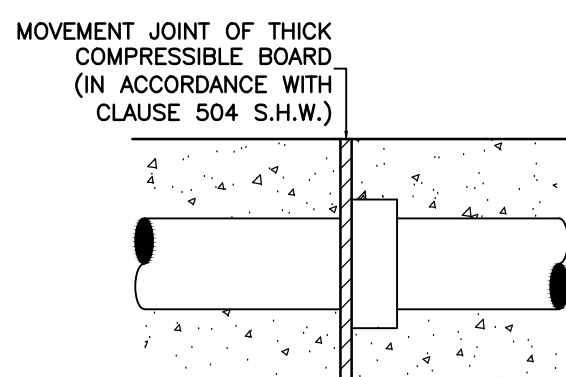
PIPE NOM. SIZE (DN)	NOM. MAX STONE SIZE (mm)	SUITABLE MATERIAL
100	10	10mm NOMINAL SINGLE SIZE
150	16	10 OR 14mm NOMINAL SINGLE SIZE OR 14mm TO 5mm GRADED
300	20	10, 14 OR 20mm NOMINAL SINGLE SIZE OR 20mm TO 5mm GRADED
550	20	14 OR 20mm NOMINAL SINGLE SIZE OR 20mm TO 5mm GRADED
over 550	40	14, 20 OR 40mm NOMINAL SINGLE SIZE OR 40mm TO 5mm GRADED



CLASS S BED & SURROUND
NTS



CLASS Z BED & SURROUND
NTS



JOINTS FOR CONCRETE
ENCASED PIPES
NTS

GENERAL NOTES

- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECT'S, ENGINEER'S AND OTHER SPECIALISTS' DRAWINGS.
- PLEASE REFER TO DATRYS DRAWING 18304/501 FOR DRAINAGE LAYOUT
- ALL CONCRETE SHALL BE GEN3 WITH SULPHATE RESISTING IN ACCORDANCE WITH BS8500 U.N.O.
- ALL GRAVITY PVC-U PIPEWORK TO BE TO BS EN 13598-1:2010 OR BS EN 1401-1:2009 WHERE RELEVANT UNLESS NOTED OTHERWISE
- DRAWING BASED ON USE OF ACCESS SYSTEMS BY HEPWORTH DRAINAGE (TEL: 08704435551). CONTRACTOR SHALL COMPLY WITH ALL MANUFACTURERS INSTALLATION INSTRUCTIONS. USE OF SIMILAR CHAMBERS BY OTHER MANUFACTURERS OF SIMILAR QUALITY IS ACCEPTABLE

NOTES FOR PIPE BEDDING & SURROUND

- BACKFILLING TO PIPE TRENCHES BENEATH ROADS, CAR PARKING AND STRUCTURES TO BE D.O.T. TYPE 1 GRANULAR MATERIAL UP TO FORMATION LEVEL FROM THE TOP OF THE SPECIFIED PIPE SURROUND (WELL COMPACTED IN 150mm MAX LAYERS).
- OPTIMUM TRENCH WIDTH = PIPE+300mm, CONTRACTOR TO ENSURE TRENCH WALLS ARE SUITABLY PROPPED
- BACKFILL MUST NOT BE PLACED ON CONCRETE BEDDING OR SURROUND UNTIL THE CONCRETE COMPRESSIVE STRENGTH HAS REACHED 15N/mm²
- BRICKS OR BLOCKS MUST NOT BE PLACED IN THE BEDDING MORTAR FOR SETTING THE PIPES TO LEVEL
- ALL ROCKER PIPE LENGTHS : 600mm
- MAX DISTANCE FROM FACE OF CONC SURROUND TO FIRST FLEXIBLE JOINT TO BE 150mm

REV	DATE	DESCRIPTION	BY	CHK	APP

REVISIONS

CLIENT



PROJECT

Former Victoria Garage
Ruabon

TITLE

Drainage Details
Sheet 1



DRAWN LI CHECKED JA PASSED JA

DATE 18.12.18 CLIENT'S REF.

SCALE: AT A1 As Shown AUTOCAD REF. 18304/001

DRAWING No. REVISION

18304/502