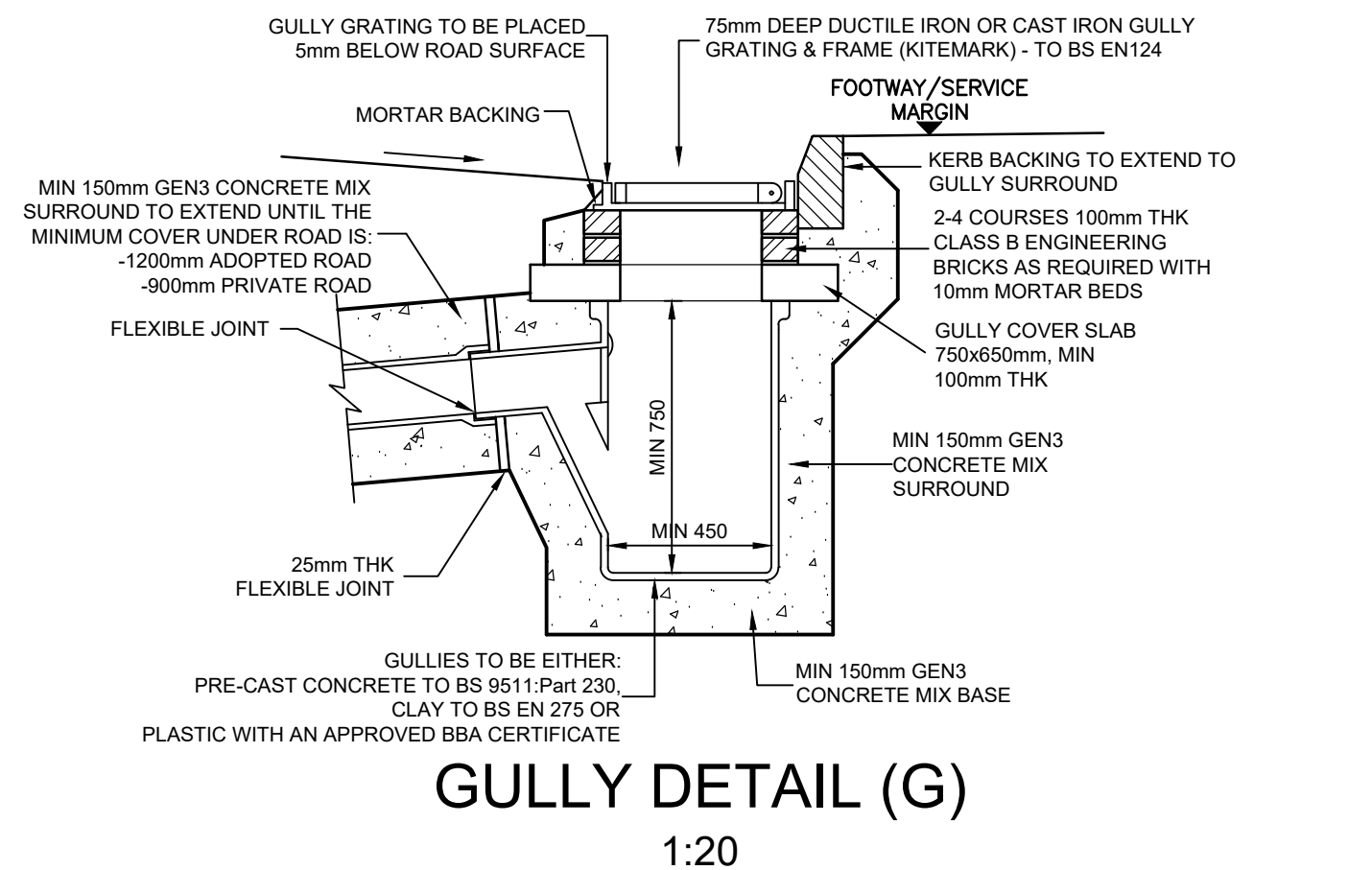
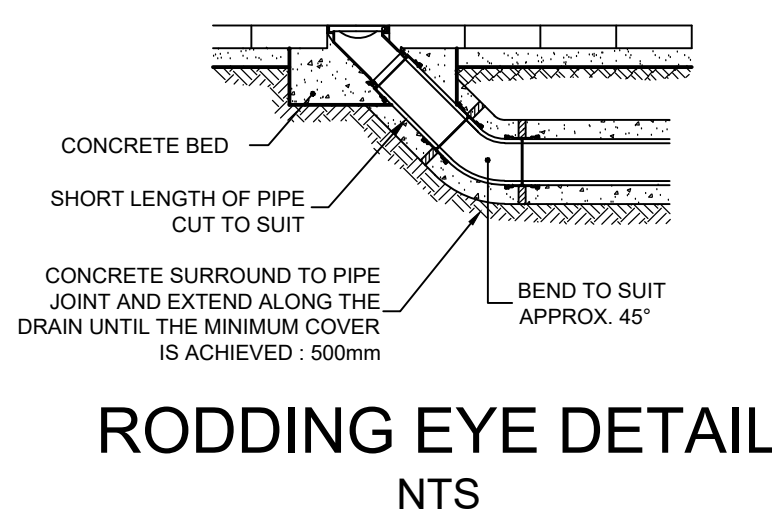
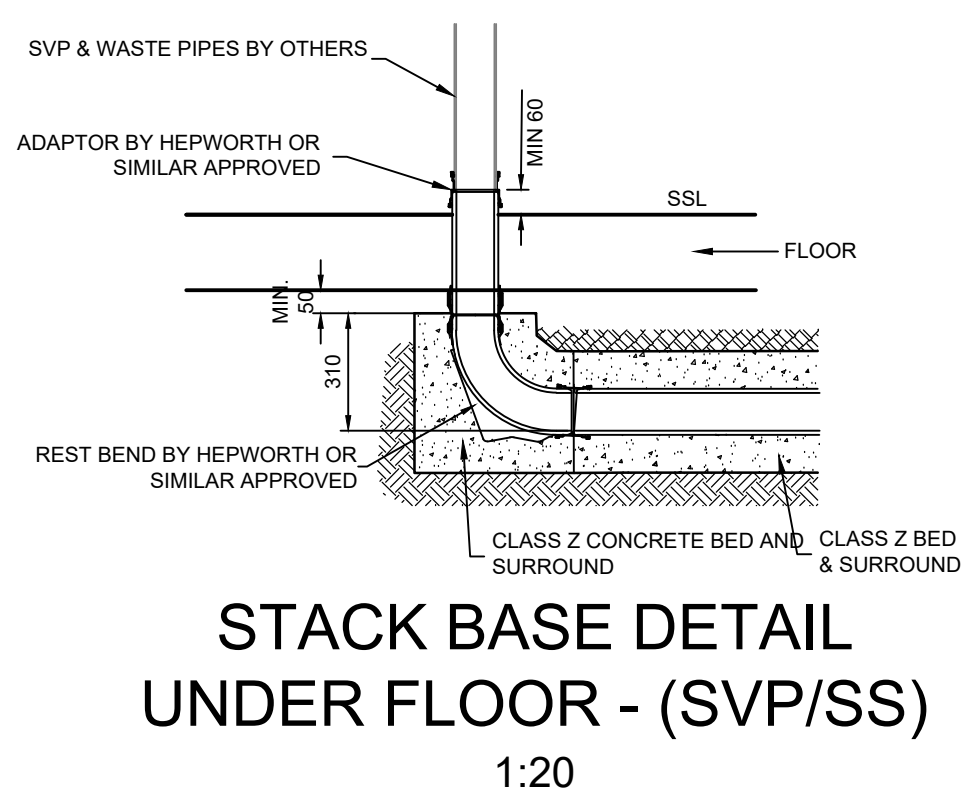
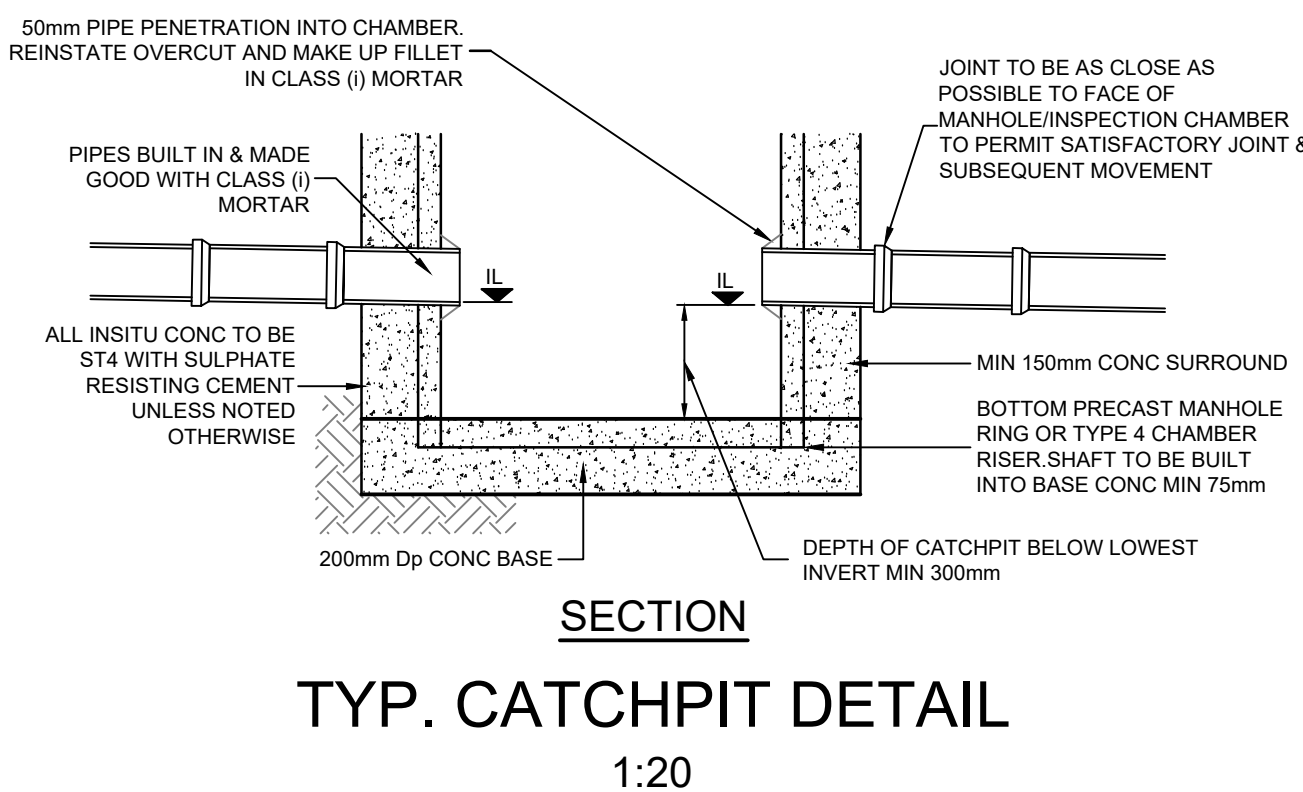
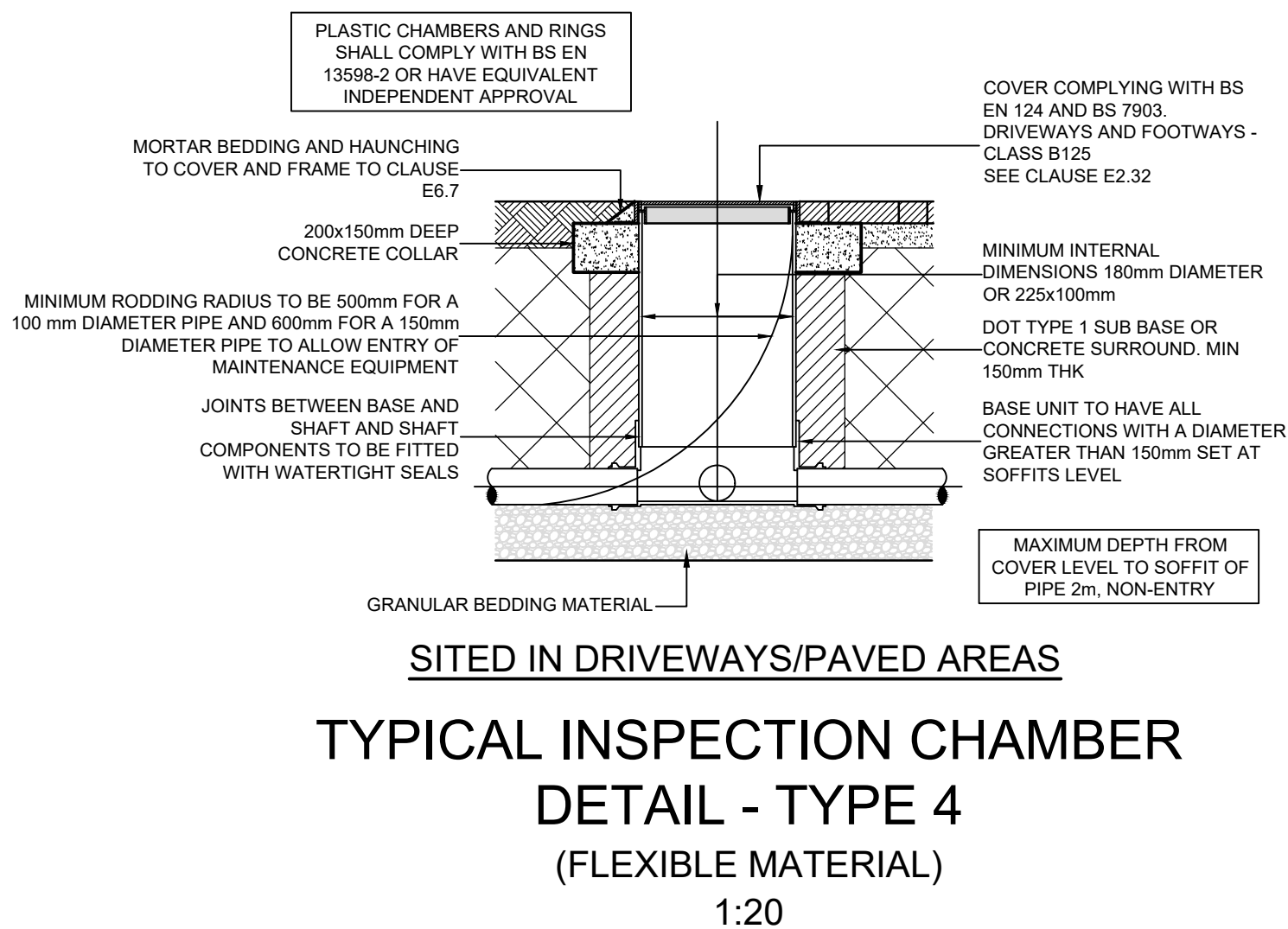
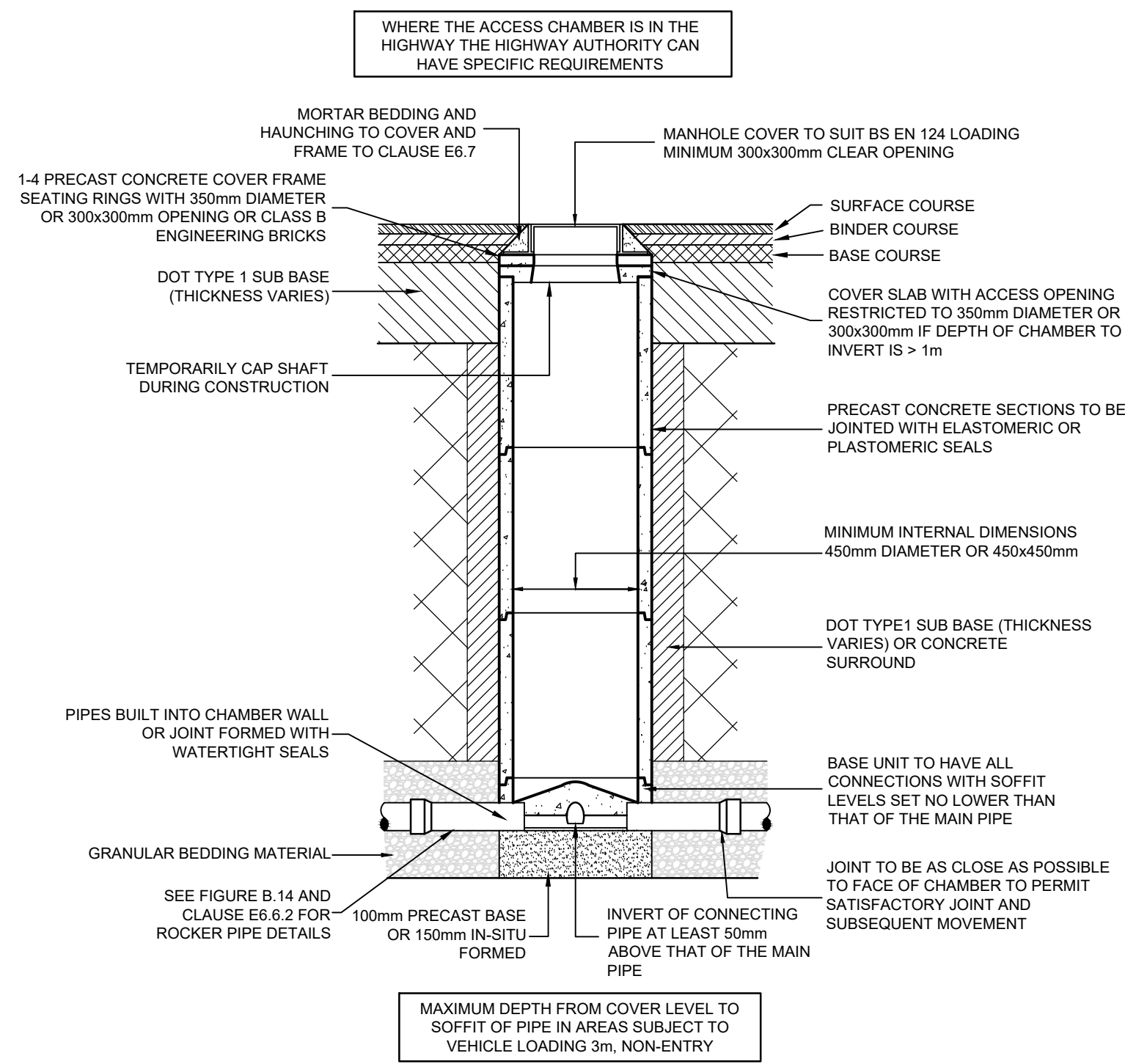
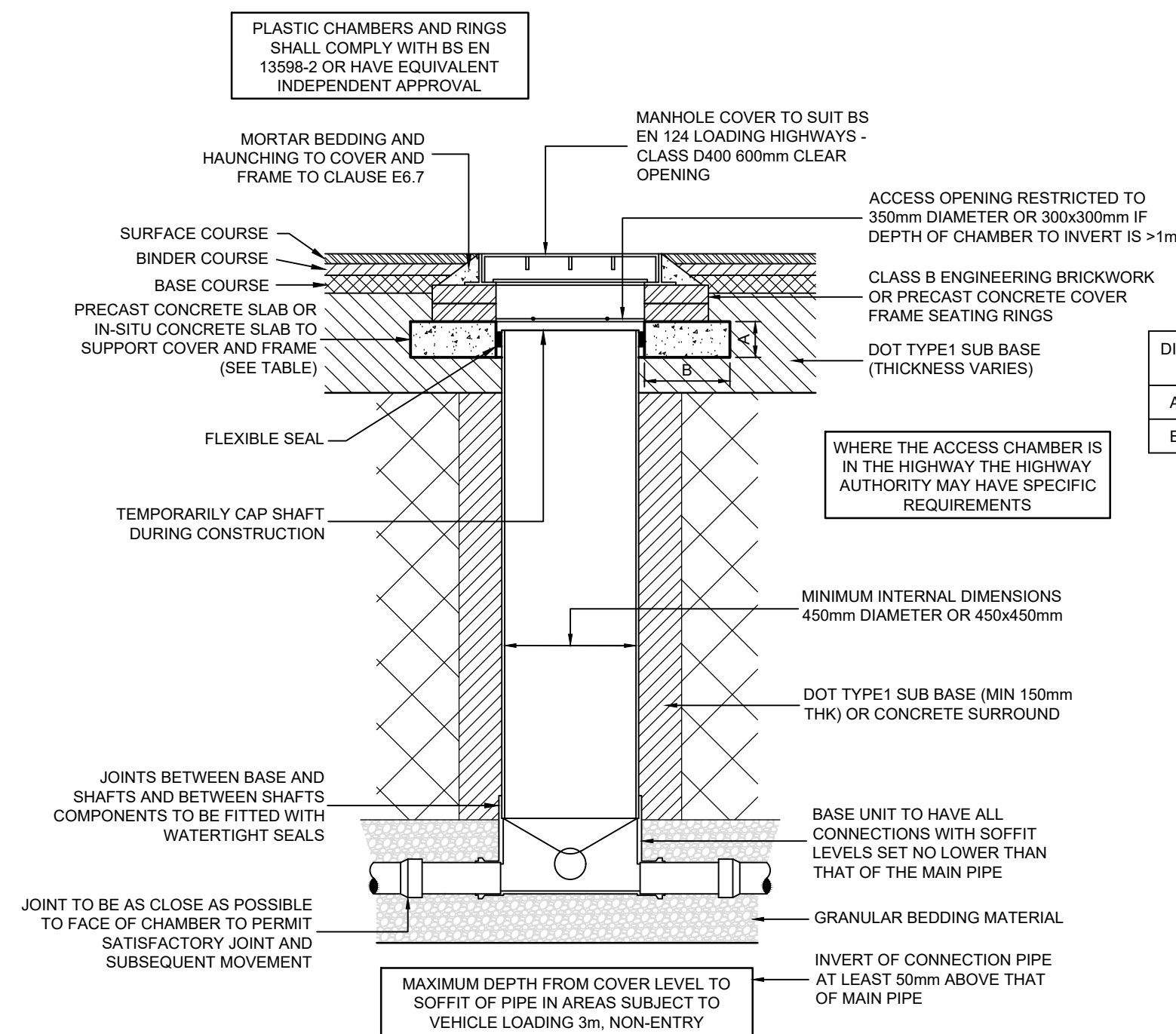
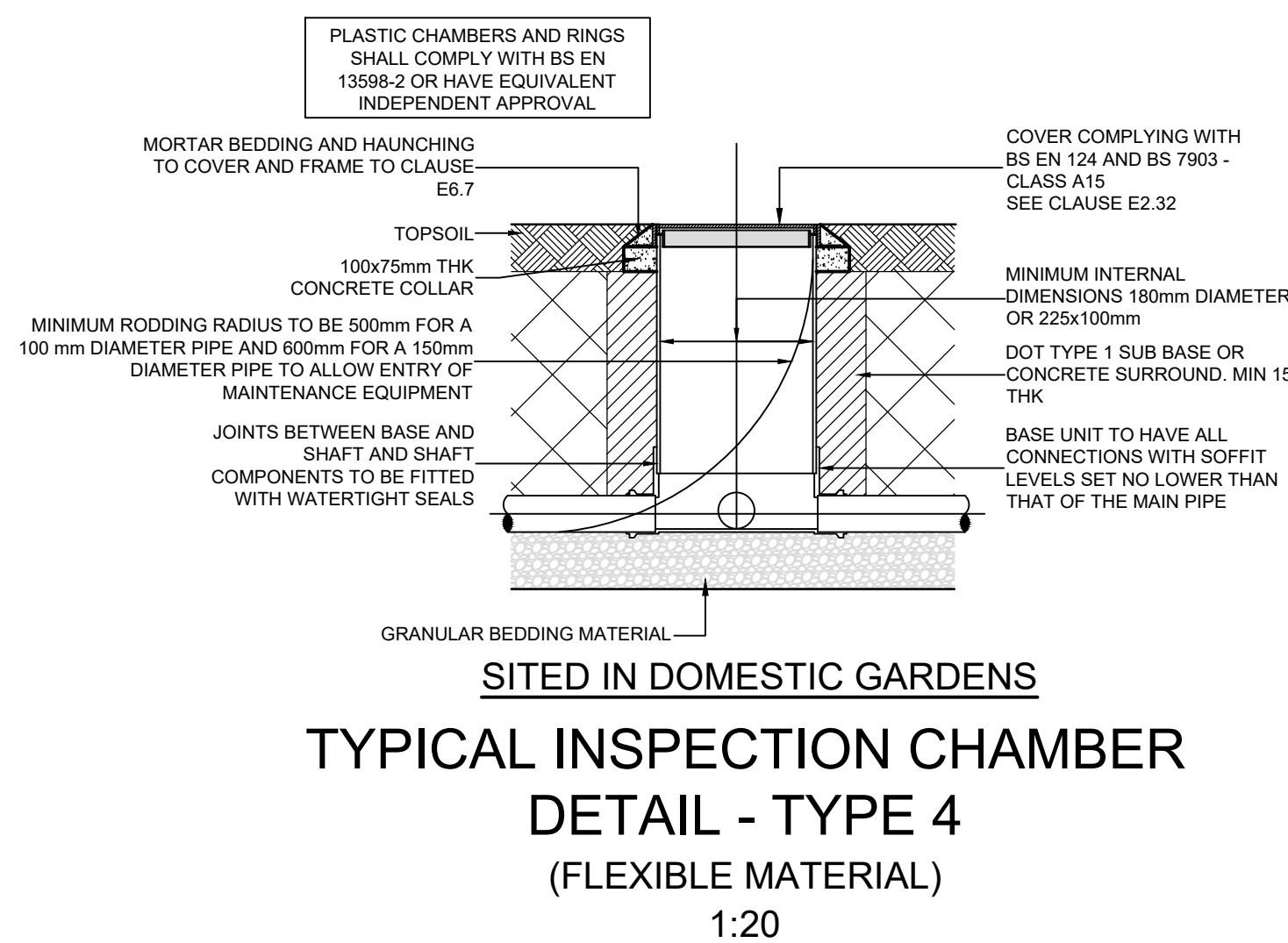




- ## GENERAL NOTES
1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS, ENGINEERS AND OTHER SPECIALISTS' DRAWINGS.
 2. PLEASE REFER TO DATRY'S DRAWING 20294/501 FOR DRAINAGE LAYOUT
 3. ALL CONCRETE SHALL BE GEN3 WITH SULPHATE RESISTING IN ACCORDANCE WITH BS5800 U.N.O.
 4. ALL GRAVITY P.V.C. PIPEWORK TO BE TO BS EN 13598-1:2001 OR BS EN 14011-2:2009 WHERE RELEVANT UNLESS NOTED OTHERWISE
 5. DRAWING BASED ON USE OF ACCESS SYSTEMS BY HEPCORTH 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

1. 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 SPREADER PIPE SURROUND (WELL COMPACTED IN 150mm MAX LAYERS).
2. OPTIMUM TRENCH WIDTH = PIPE+300mm. CONTRACTOR TO ENSURE TRENCH WALLS ARE SUITABLY PROPPED
3. BACKFILL MUST NOT BE PLACED ON CONCRETE BEDDING OR SURROUND UNTIL THE CONCRETE COMPRESSIVE STRENGTH HAS REACHED 15N/mm²
4. BRICKS OR BLOCKS MUST NOT BE PLACED IN THE BEDDING MORTAR FOR SETTING THE PIPES TO LEVEL
5. ALL ROCKER PIPE LENGTHS : 600mm
6. MAX DISTANCE FROM FACE OF CONC SURROUND TO FIRST FLEXIBLE JOINT TO BE 150mm



DIM	DRIVEWAYS & PAVED AREAS	DOMESTIC GARDENS
A	150mm	75mm
B	200mm	100mm

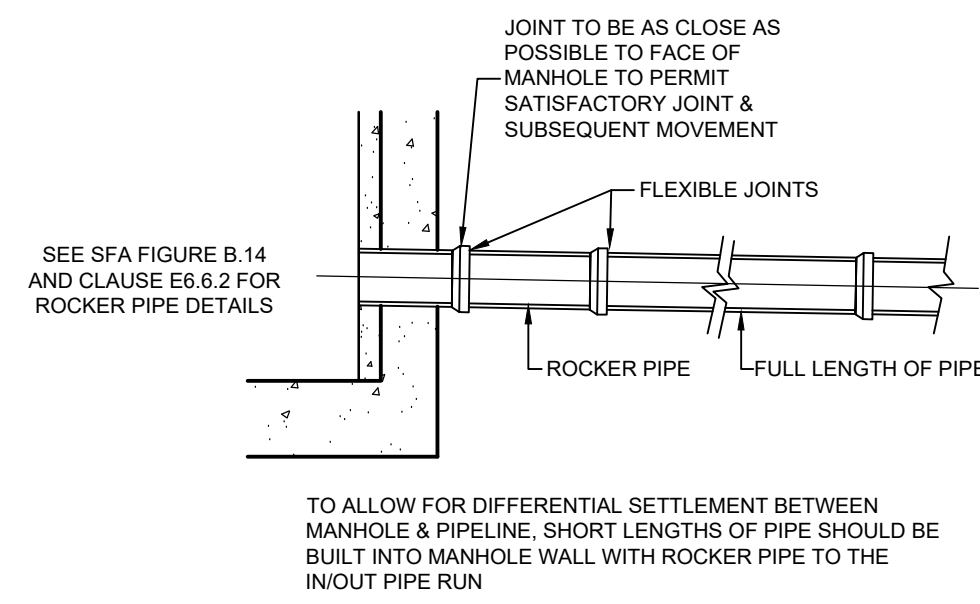
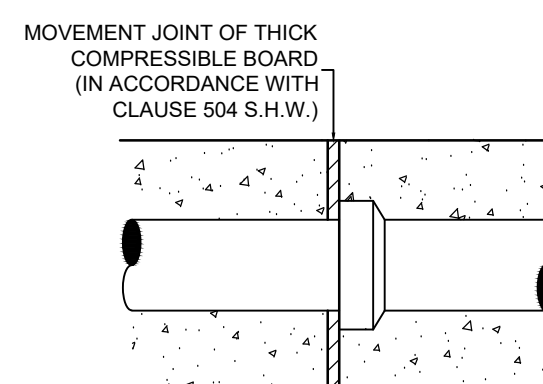
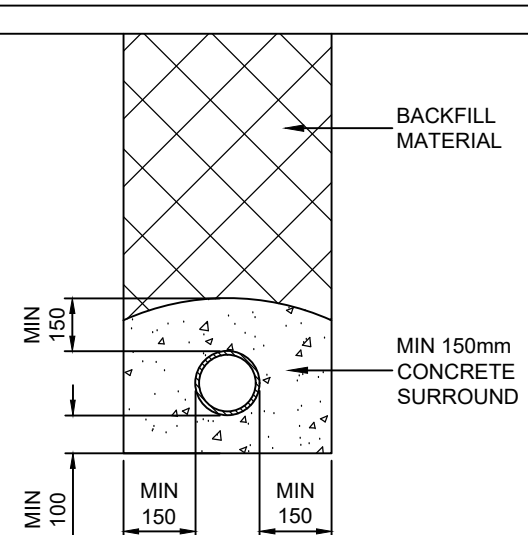
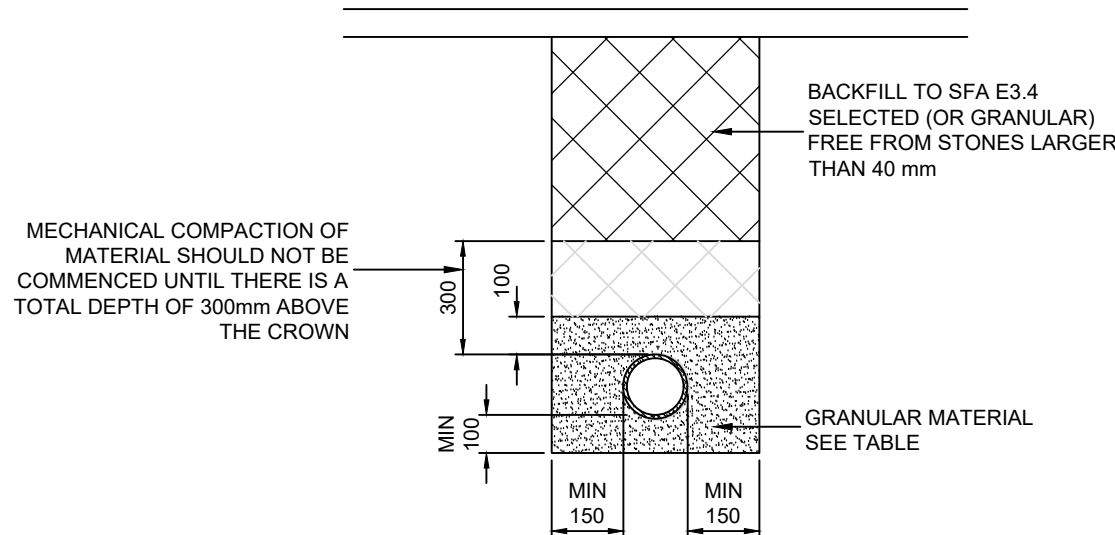
PIPE NOM. SIZE (DN)	NOM. MAX. STONE SIZE (mm)	SUITABLE MATERIAL
100	10	10mm NOMINAL SINGLE SIZE
150	16	10 OR 14mm NOMINAL SINGLE SIZE OR 14mm TO 5mm GRADED
300	20	10, 14 OR 20mm NOMINAL SINGLE SIZE OR 20mm TO 5mm GRADED
550	20	14 OR 20mm NOMINAL SINGLE SIZE OR 20mm TO 5mm GRADED
over 550	40	14, 20 OR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

CLASS Z TO BE USED WHEN COVER IS LESS THAN:

GARDENS AND PATHS	0.35m
VEHICLES $\leq 7.5t$	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)



CLASS S BED & SURROUND

CLASS Z BED & SURROUND NTS

JOINTS FOR CONCRETE ENCASED PIPES

NTS

JOINTING OF PIPELINE TO STRUCTURE/MANHOLE