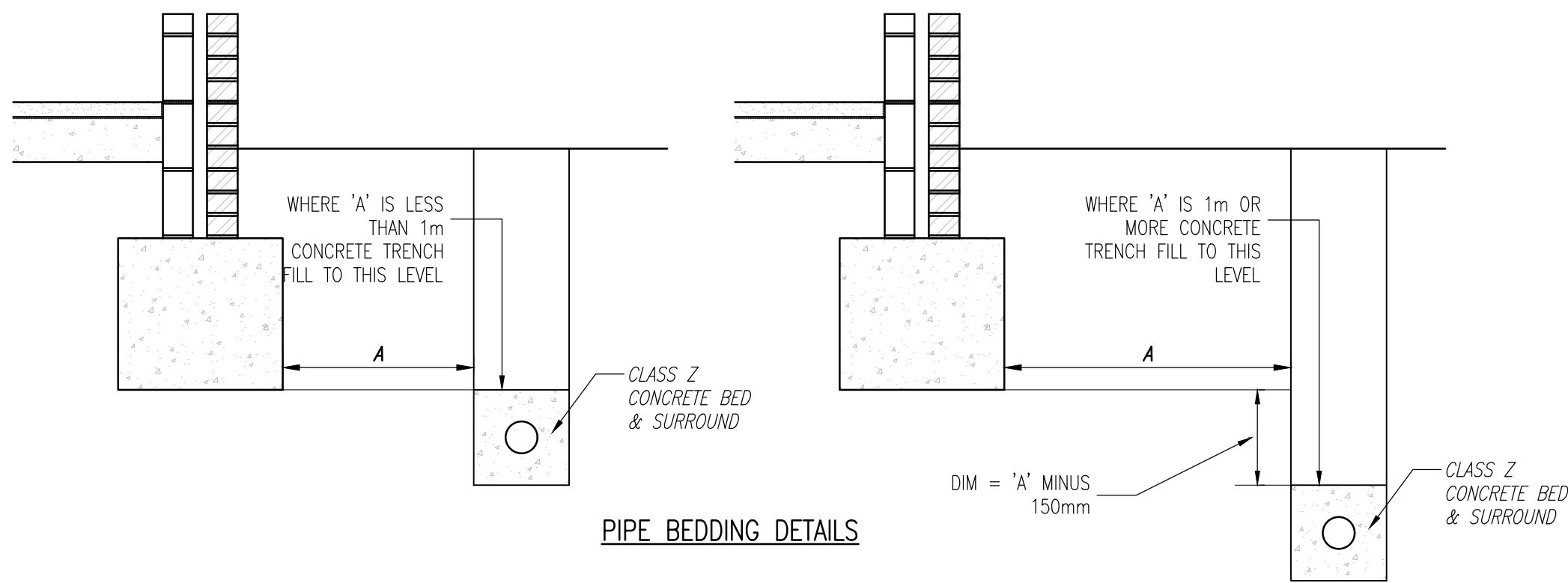
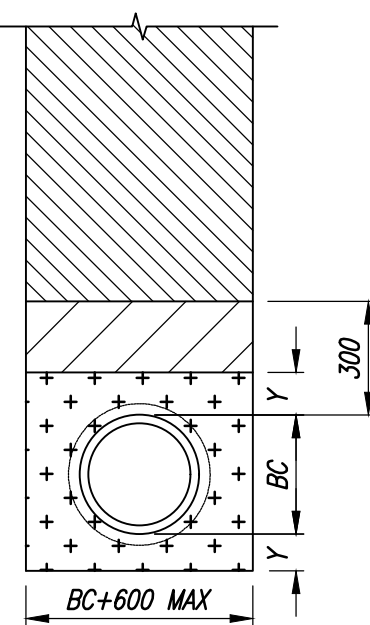


PIPE RUNS NEAR BUILDINGS

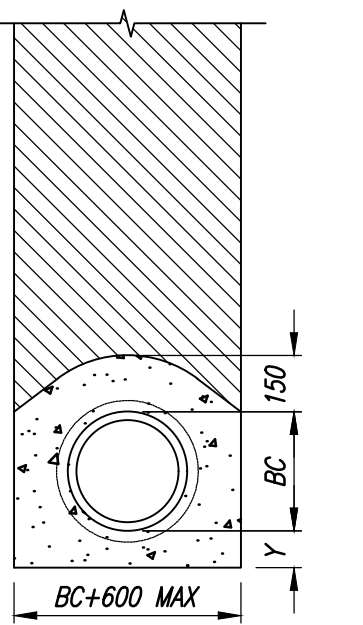


PIPE BEDDING DETAILS

PIPE BEDDING DETAIL 1
GRANULAR BED AND SURROUND CLASS 'S'



PIPE BEDDING DETAIL 2
CONCRETE BED AND SURROUND CLASS 'Z'



KEY

- SUITABLE BACKFILL MATERIAL.
- SELECTED SIDEFILL AND SURROUND.
- GRANULAR BEDDING MATERIAL.
- GEN3 CONCRETE

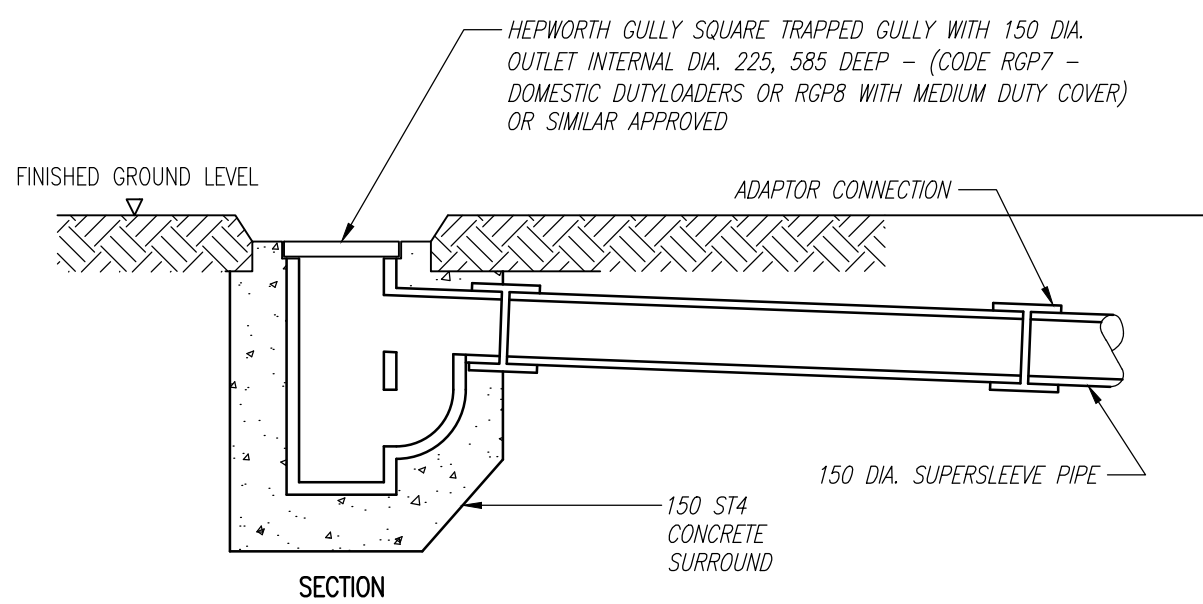
DN = NOMINAL INTERNAL DIAMETER OF PIPE.
BC = OUTSIDE DIAMETER OF PIPE.

DIMENSION Y

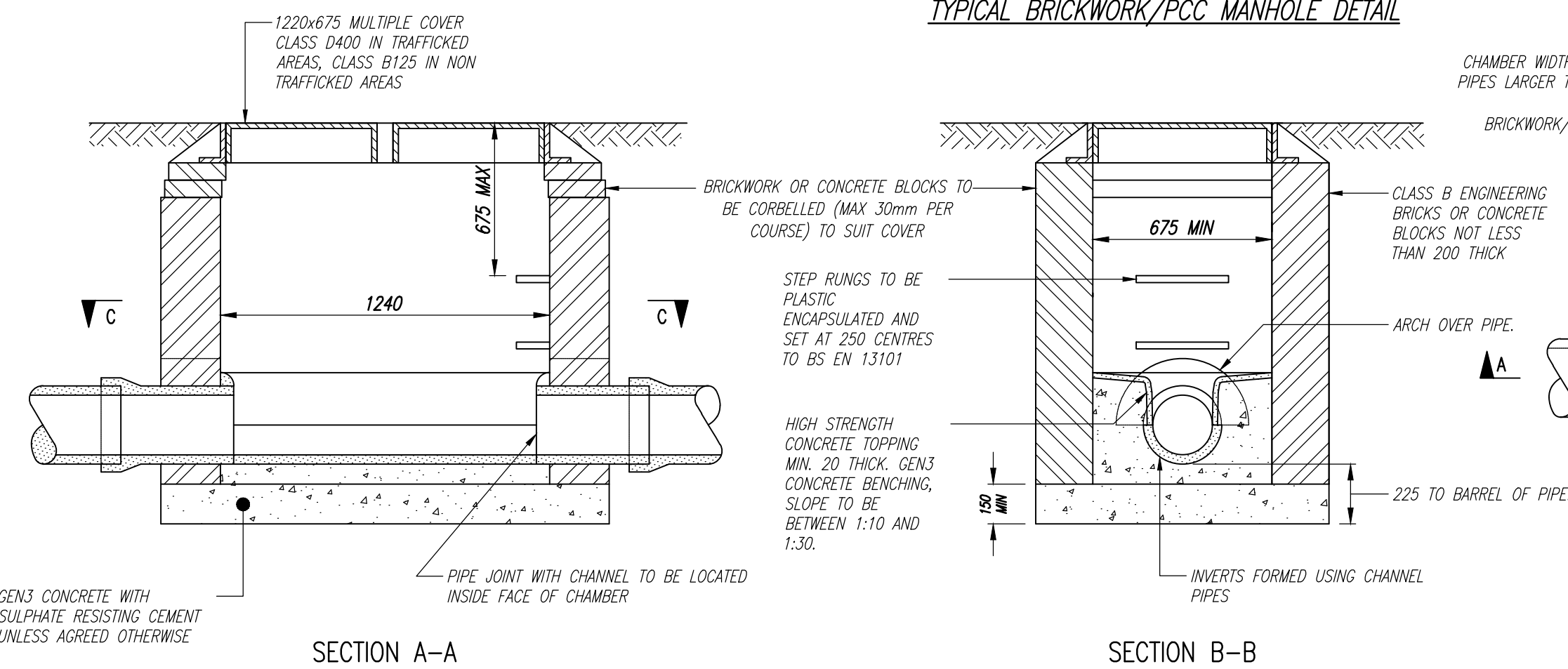
CLASS	MACHINE DUG UNIFORM SOIL	ROCK OR MIXED SOILS
S & Z	NOTE (i)	NOTE (ii)

(i) $Y = BC/6$, WITH MIN 100 UNDER BARRELS (50 FOR SLEEVE JOINTED) AND MIN 50 UNDER SOCKETS, WHICHEVER IS THE GREATER, WITH MAX OF 400.

YARD GULLY DETAIL



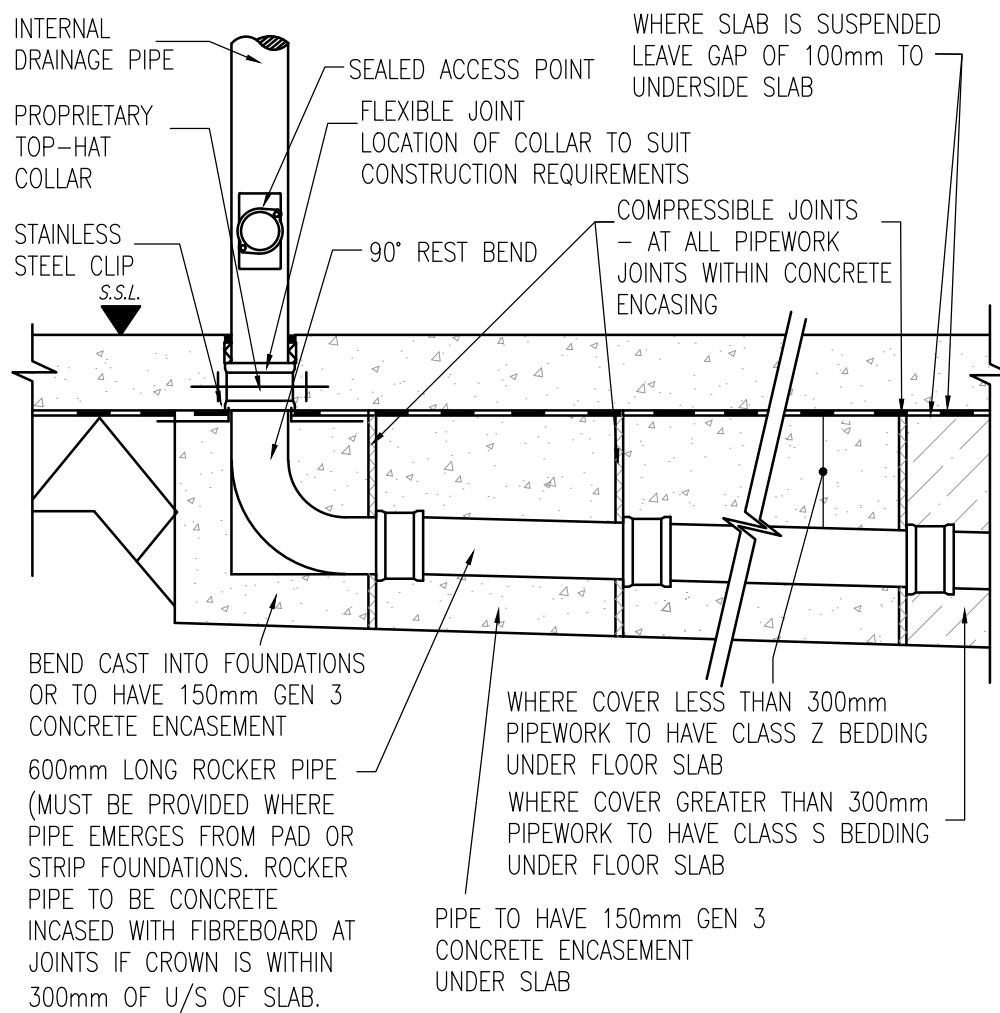
TYPICAL BRICKWORK/PCC MANHOLE DETAIL



SECTION A-A

SECTION B-B

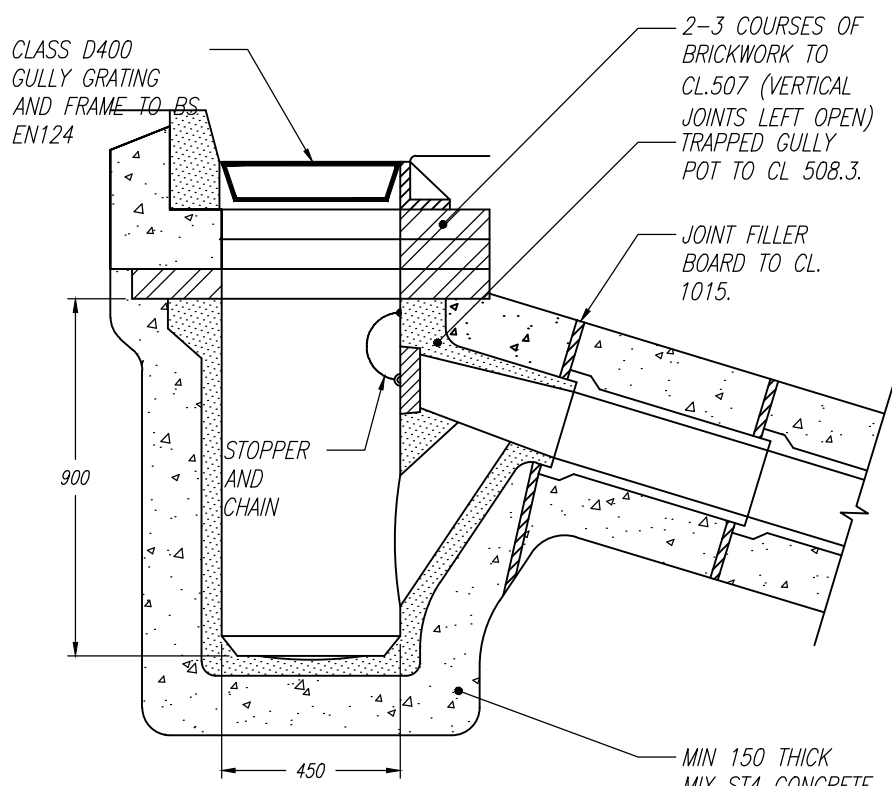
PLAN ON C-C



DRAINAGE UNDER BUILDINGS

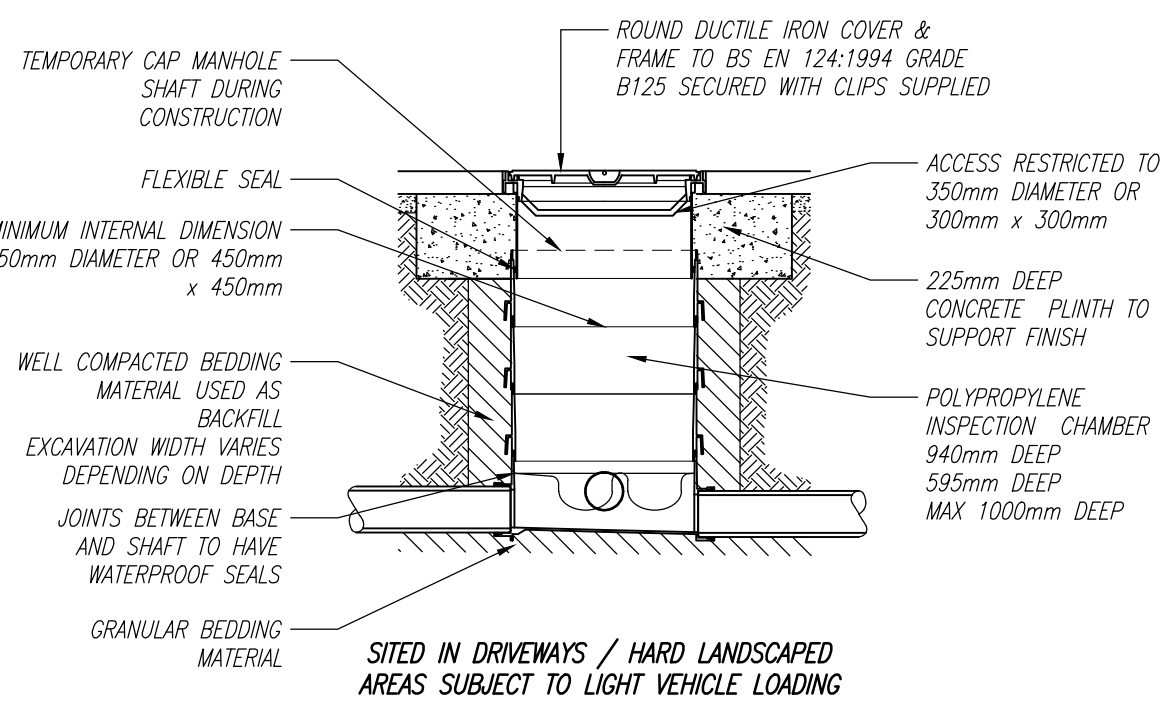
(SCALE 1:20)

TRAPPED GULLY WITH SPIGOT OUTLET



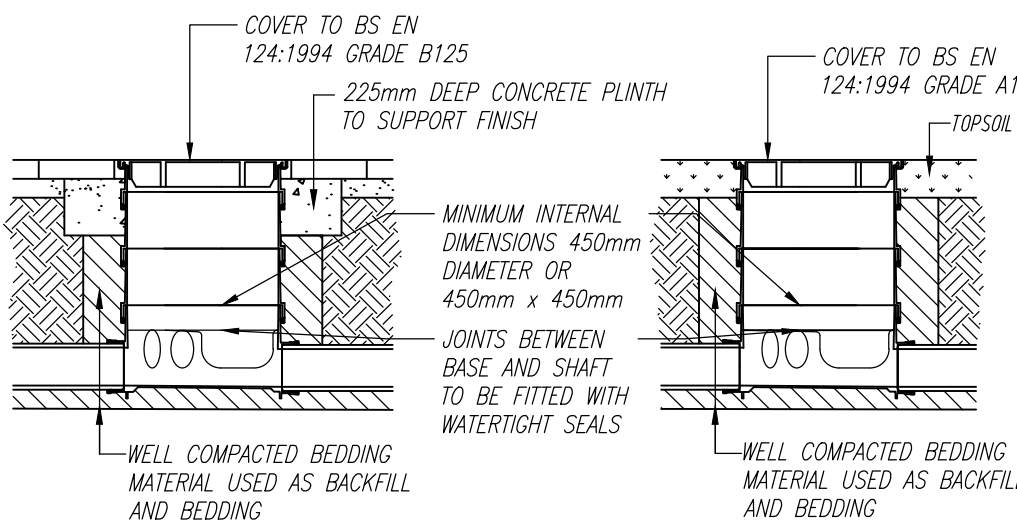
TYPICAL ACCESS CHAMBER TYPE 4

MAX 2.0m DEEP (NON ENTRY)

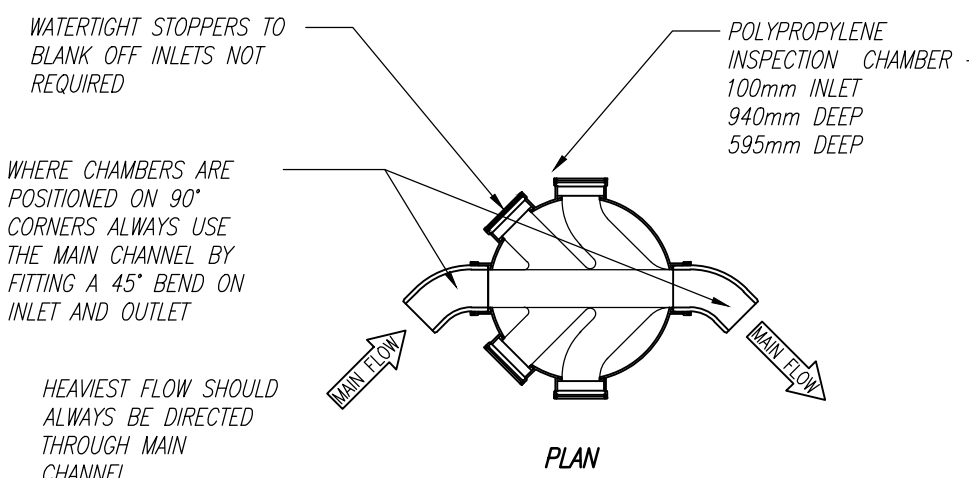


TYPICAL ACCESS CHAMBER TYPE 5

MAX 1000mm DEEP (NON ENTRY)

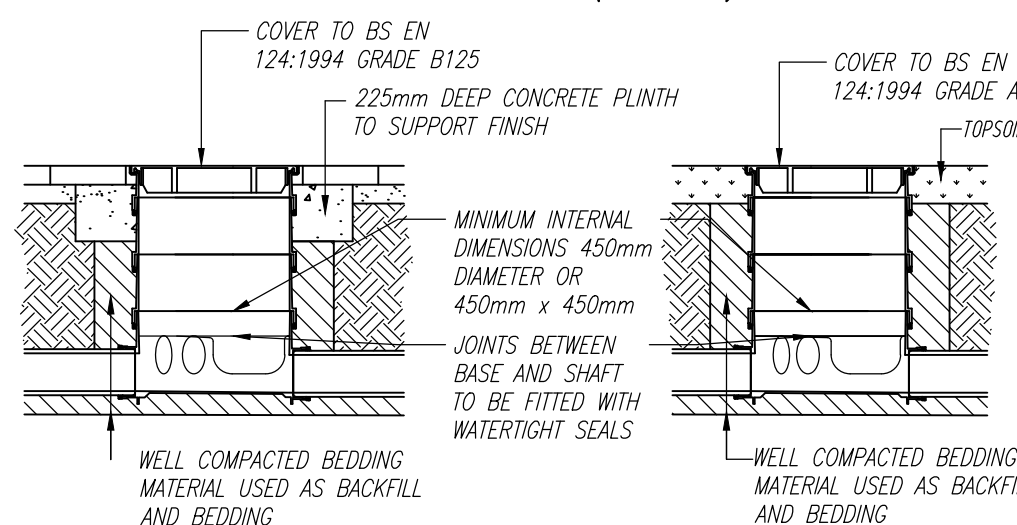


TYPICAL ACCESS CHAMBER BASE UNIT PLAN DETAIL

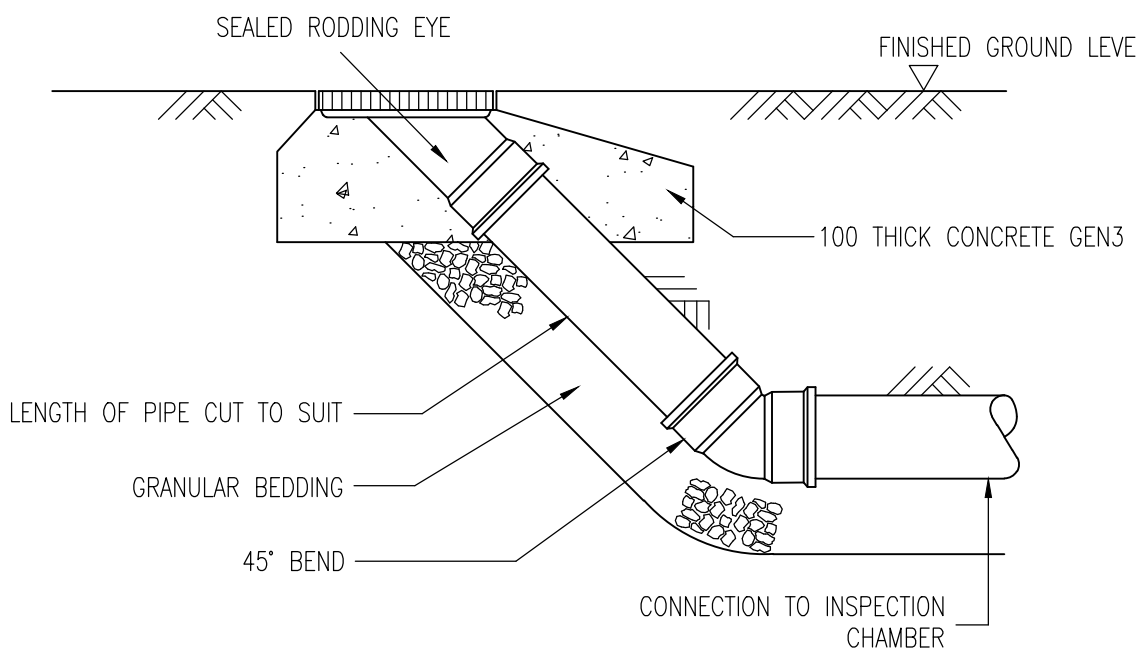


TYPICAL ACCESS CHAMBER TYPE 5

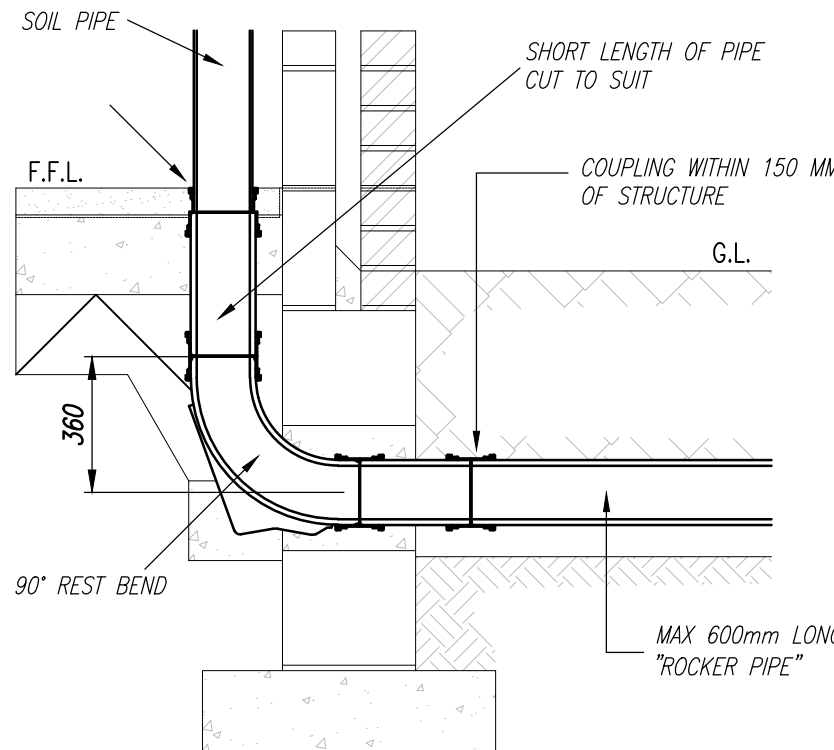
MAX 1000mm DEEP (NON ENTRY)



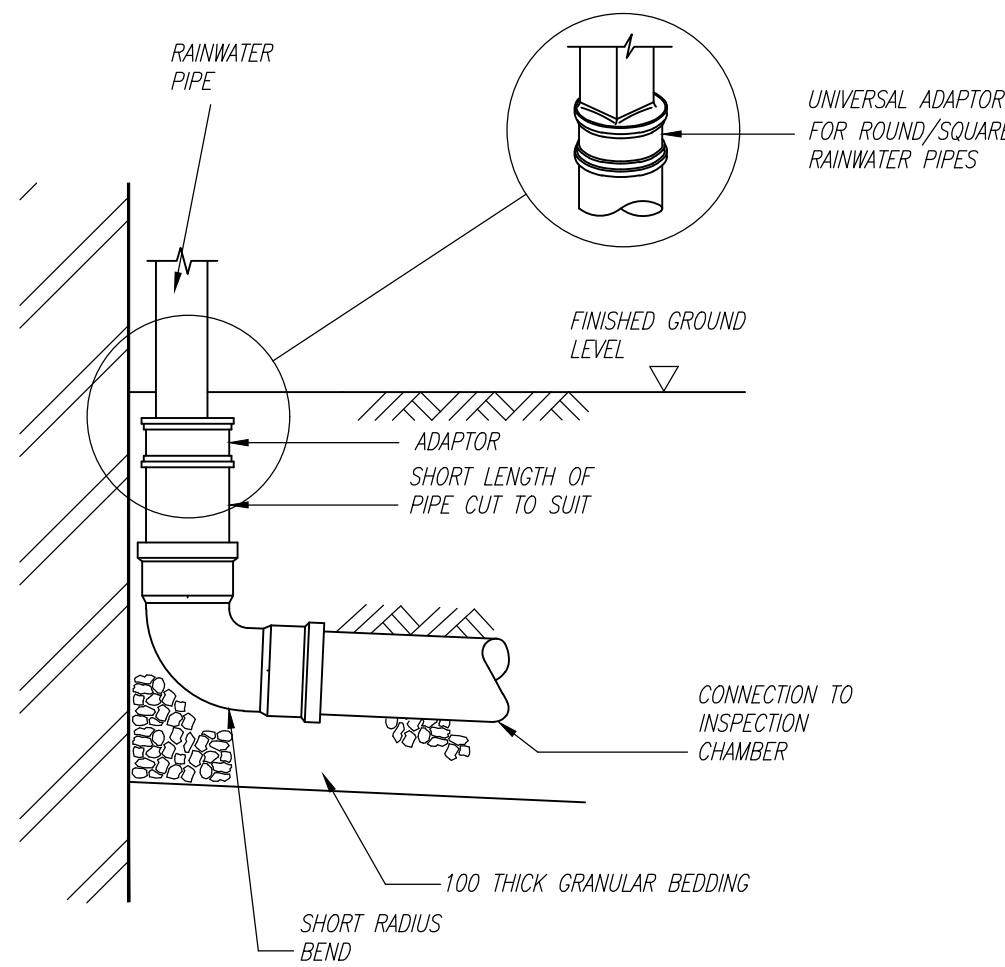
SEALED RODDING EYE



SOIL & VENT PIPE CONNECTION DETAIL



RAINWATER PIPE CONNECTION



- General Notes
- TO BE READ WITH ALL OTHER JDL CONSULTANTS LTD DRAWINGS AND SPECIFICATIONS.
 - DO NOT SCALE THIS DRAWING.
 - ALL BEDDING MATERIAL IS TO BE WELL COMPACTED.
 - ALL DIMENSIONS IN MILLIMETRES UNLESS INDICATED OTHERWISE.
 - REFERENCE TO PROPRIETARY GOODS SHALL NOT EXCLUDE OTHERS OF SIMILAR APPROVED QUALITY AND WHICH COMPLY WITH RELEVANT BRITISH STANDARDS.
 - FLEXIBILITY IN DRAINS TO BE OBTAINED AT ALL MANHOLES AND CHAMBERS BY PROVIDING 1' N° 600 LONG PIPE LENGTH IMMEDIATELY OUTSIDE THE MANHOLE OR CHAMBER AT ALL PIPE JOINTS.
 - ALL PCC SEWER PIPES TO BE EXTRA STRENGTH QUALITY.
 - BRANCH CONNECTIONS TO BE VIA A 45° OBLIQUE JUNCTIONS BRANCH WHERE POSSIBLE.
 - WHERE THE DISTANCE TO A DRAIN TRENCH FROM THE OUTSIDE FACE OF A FOUNDATION OR EXTERNAL WALL IS LESS

- THAN 1 METRE AND THE DRAIN INVERT LEVEL IS BELOW FOUNDATION LEVEL, TRENCH FILL SHALL BE OF CONCRETE TO A LEVEL EQUAL TO THAT OF THE UNDERSIDE OF THE FOUNDATION, WHERE THE DISTANCE IS GREATER THAN 1000, THE CONCRETE TRENCH SHALL BE TO A LEVEL AT LEAST 150 BELOW THE UNDERSIDE OF THE FOUNDATION.
- ALL WORKS TO BE UNDERTAKEN IN ACCORDANCE WITH JDL SPECIFICATION.
- ALL PIPE CONNECTIONS TO CHAMBERS TO BE INVERT TO INVERT DUE TO SHALLOW COVER.
- THE FIRST 300mm OF FILL ABOVE THE CROWN OF THE PIPE IS TO BE LIGHTLY TAMPED BY HAND. MECHANICAL COMPACTION MAY BE USED ONLY ABOVE THIS LEVEL.
- PIPES LAID IN FIELDS AND FOOTPATHS (INACCESSIBLE BY VEHICLES) AT COVER 0.6 - 3m TO BE CONSTRUCTED PIPE BEDDING DETAIL 1 (CLASS S); COVER LESS THAN 0.6m TO BE PIPE BEDDING DETAIL 2 (CONCRETE PROTECTION).
- PIPES LAID IN ROADS AT MIN. 1.2m COVER TO BE AS PIPE BEDDING DETAIL 1 (CLASS S) AND PIPES CONSTRUCTED ABOVE 1.2m TO BE AS PIPE BEDDING DETAIL 2 (CONCRETE PROTECTION).

Rev	Date	Revision Description	By	Chk
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Rev	Date	Revision Description	By	Chk
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Drawing Title
Proposed Drainage Details (Sheet 1 of 2)

Architect
Kendall Kingscott Ltd

Project
Melksham Hospital Site Entrance Reconfiguration

Drawn By TN	Checked By NB	Approved By NB	Date Drawn 13/10/25	Project No. 24390	Scale NTS
Project 24390	Originator JDL	Volume XX	Level XX	Type DR	Rev 05
					Rev T01