

KEY

- SUITABLE BACKFILL MATERIAL.
- SELECTED SIDEFILL AND SURROUND.
- SINGLE SIZE GRANULAR MATERIAL.
- GEN3 CONCRETE BED AND SURROUND.

LEGEND

CLASS	MACHINE DUG UNIFORM SOIL	ROCK OR MIXED SOILS
N,F,B & S	NOTE (i)	NOTE (i)
A & Z	NOTE (ii)	NOTE (ii)

DIMENSION Y

(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.

(ii) Y=BC/4, WITH MIN 200 UNDER BARRELS (150 FOR SLEEVE JOINTED) AND MIN 150 UNDER SOCKETS, WHICHEVER IS THE GREATER, WITH A MAX OF 400.

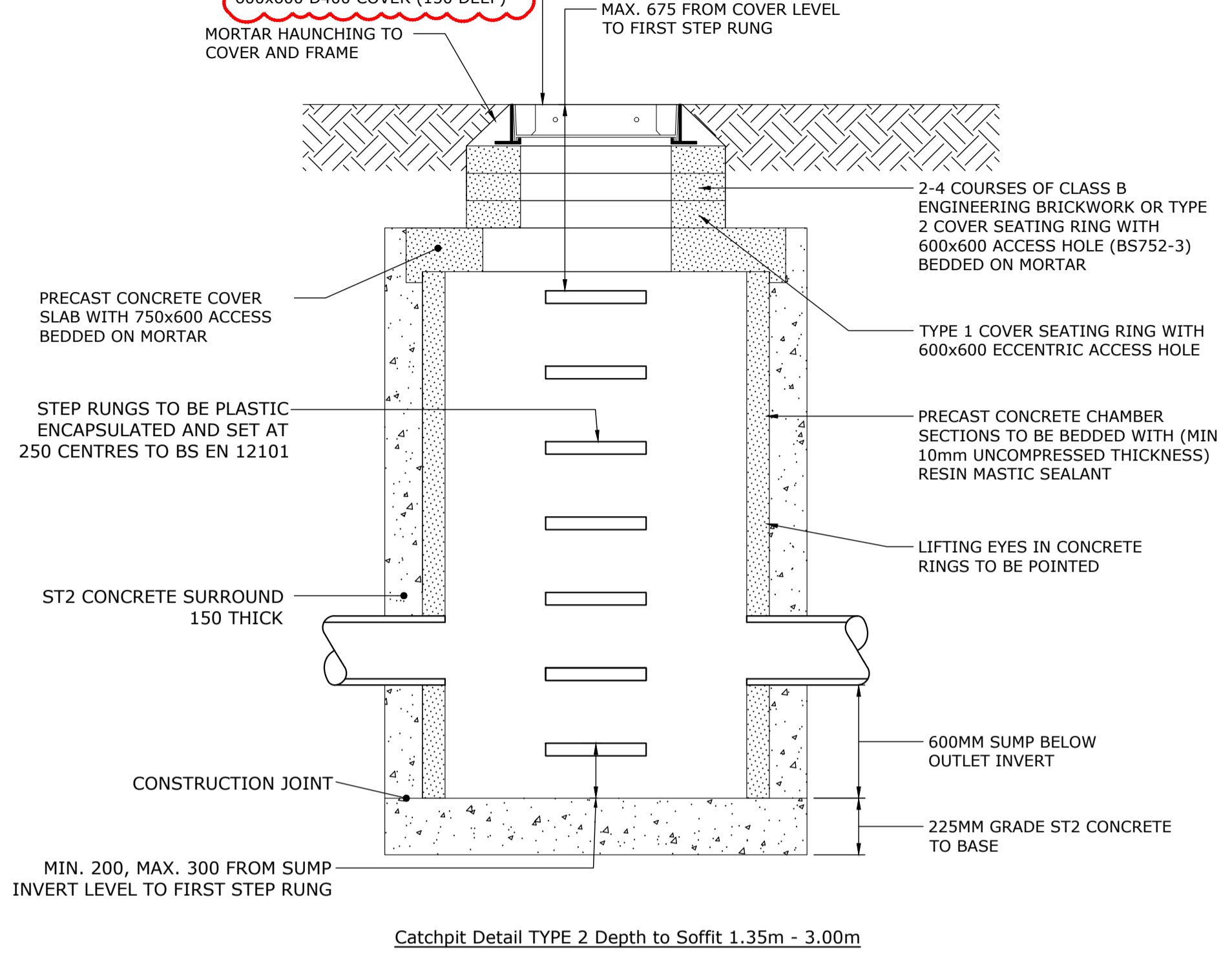
DN = NOMINAL INTERNAL DIAMETER OF PIPE.
 BC = OUTSIDE DIAMETER OF PIPE.

For adaptable structured walled plastic pipes below 400mm diameter, any pipes with a jetting pressure resistance of less than 4000psi when tested in accordance with Clause 6.10 and Appendix C of Water Industry Specification 4.35.01 to be subject to an air test as part of the final inspection.

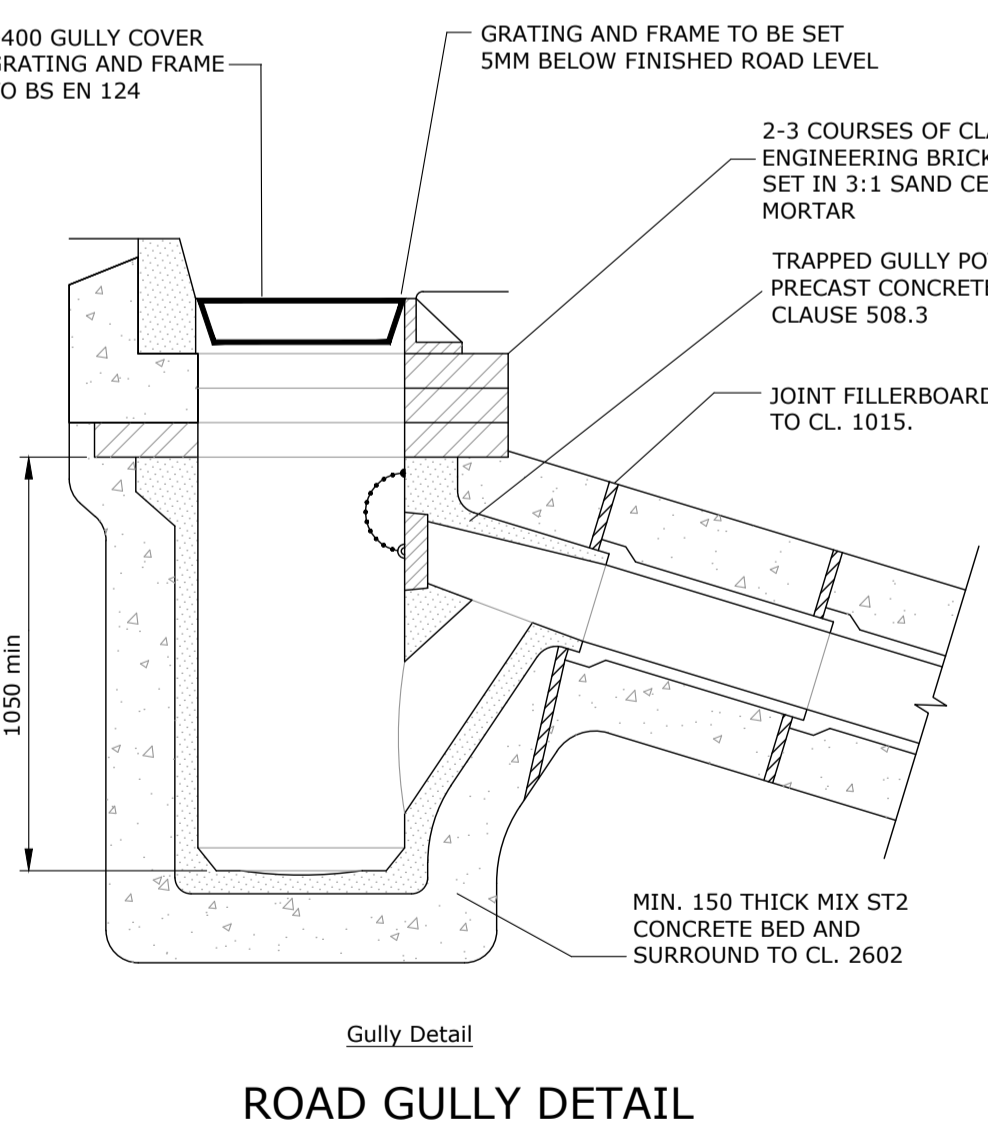
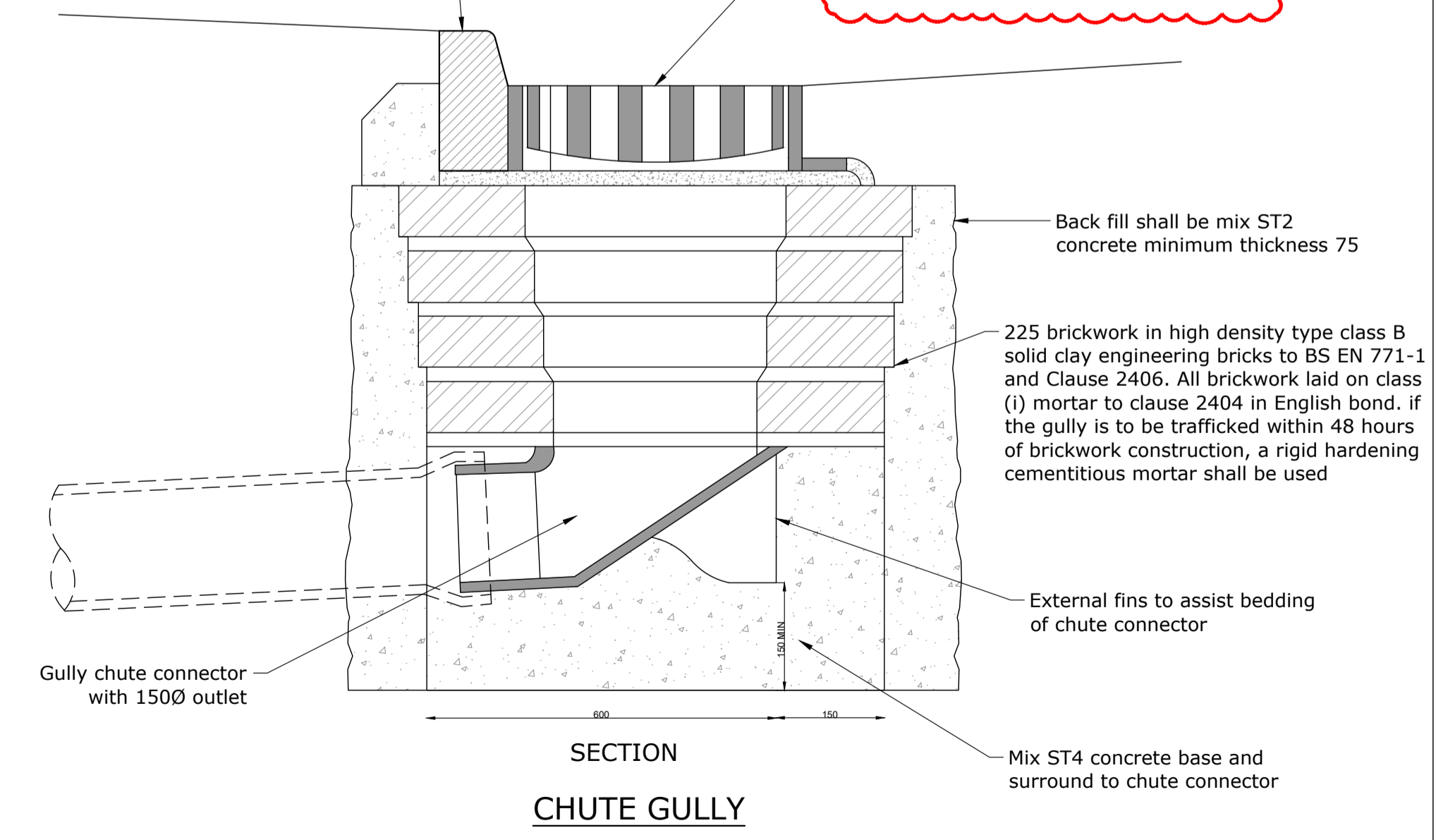
Manhole / Catchpit types, dimensions and cover types as specified on drawings LHSE462_1303 and 1304.

Refer to Drawing LHSE462_1803 for:

- TYPE 2 MH details
- TYPE 4 MH details
- Pipe bedding details
- Rocker pipe lengths

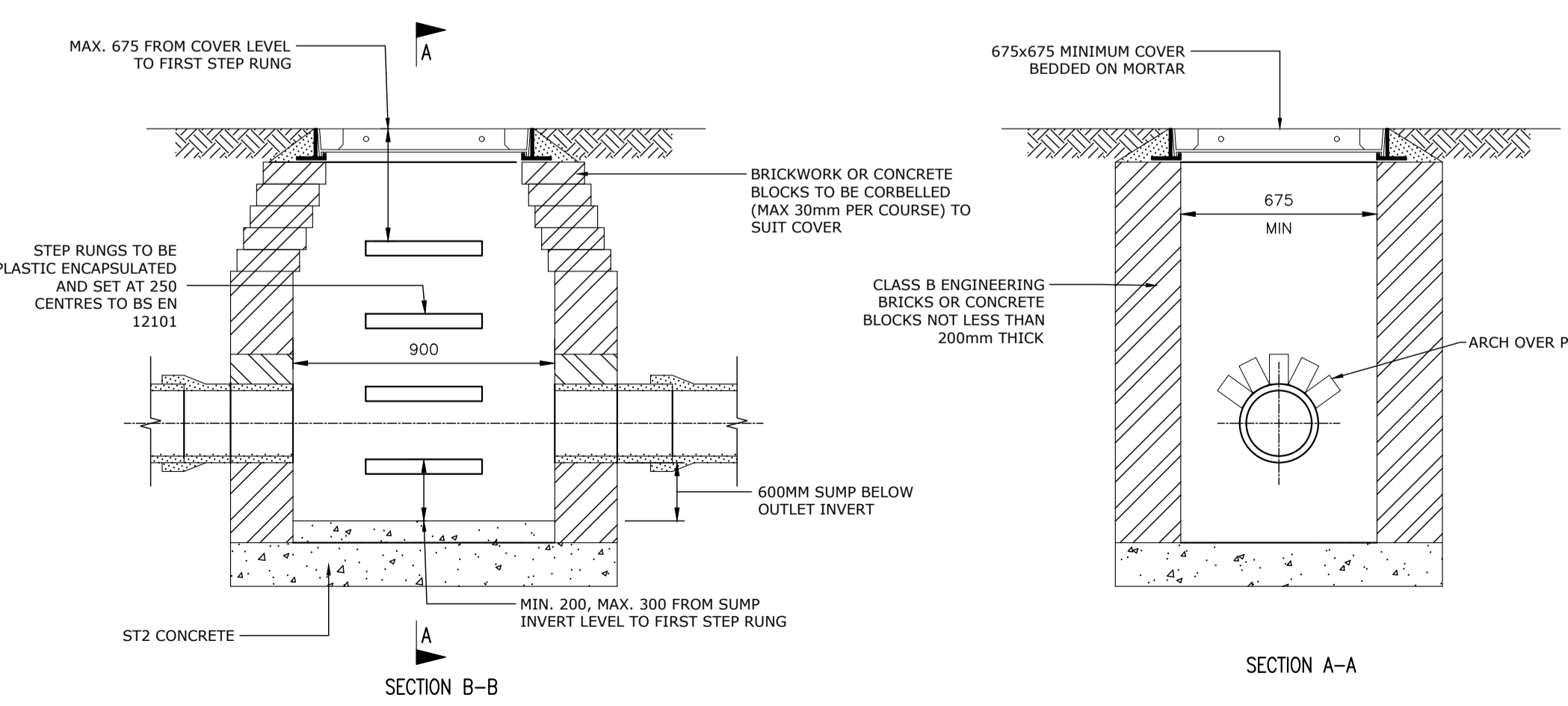
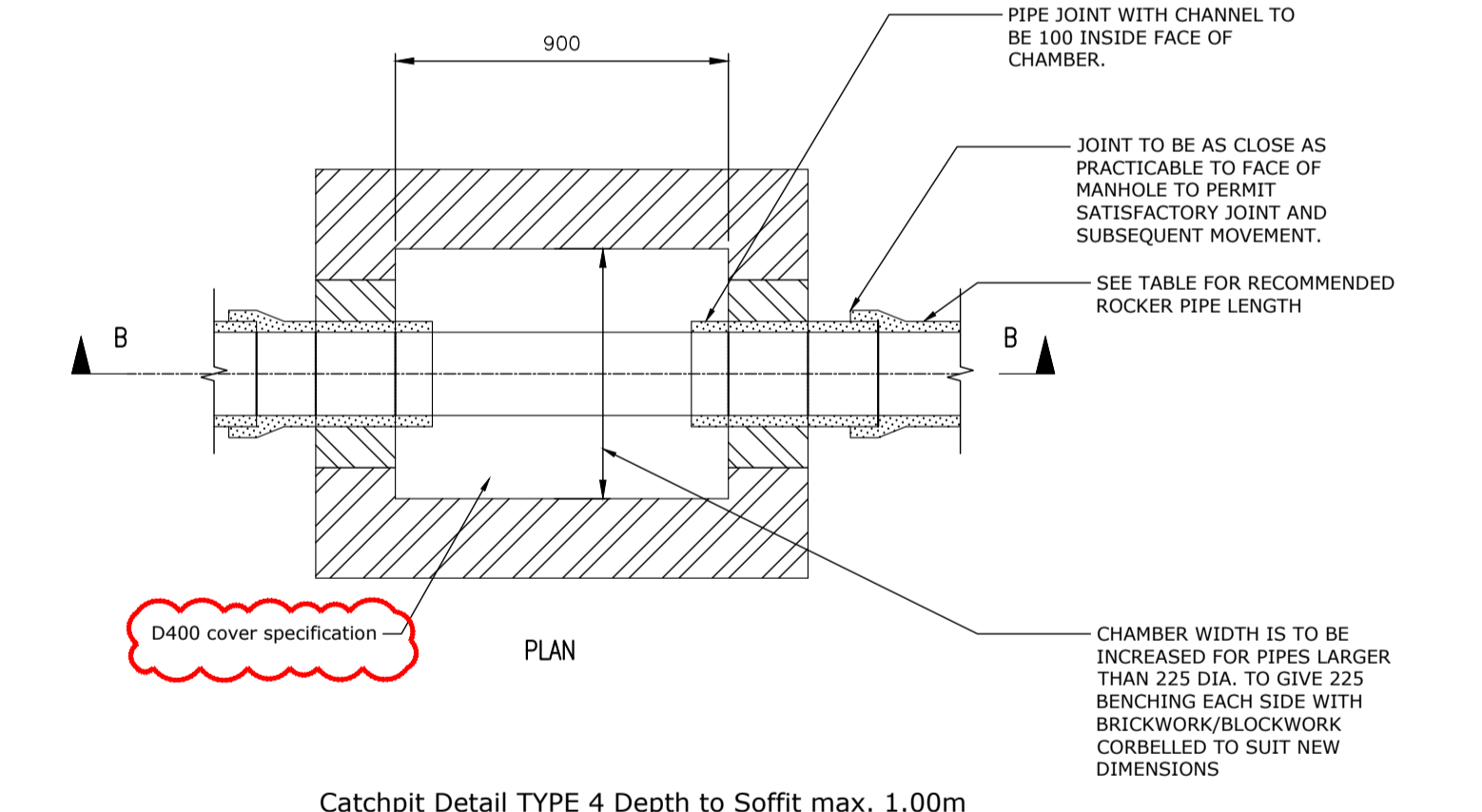


Where Kerb/s cross the brickwork to the gully, saw cut kerb so that the bottom edge of the kerb corresponds to the bottom edge of the grating frame. Bed kerb on minimum 15 thickness of polyester resin mortar to clause 2601 and back with a minimum of 150 thickness of mix ST1 concrete



Gully Notes

- All dimensions are in millimeters unless otherwise stated.
- When the cover from the top of the gully connection to finished level is less than 1200 within the carriageway and 900 in the verge, then a concrete ST4 150 bed and surround should be provided to the gully connections.
- Gullies and connections to be in accordance with cl 508.3
- If gully grates are set at finished road level during construction period then a gap is to be left in the brickwork on the high side.
- Gully to be set horizontally, cover and frame to be set to the crossfall of the carriageway.
- Suitable precautions shall be taken to prevent plastic gully pots "floating" and distorting when concrete surround is placed.



- Notes**
- Do not scale.
 - All levels and dimensions are to be checked on site before any work commences. All dimensions are in metres unless stated otherwise.
 - Any discrepancies should be reported to the engineer immediately, so that clarification can be sought prior to the commencement of works.
 - This drawing should be read in conjunction with all other relevant engineering details, drawings and specification.
 - All works to be in accordance with the Specification for Highway Works.
 - All works are to be carried out in accordance with Oxfordshire County Council Residential Road Design Guide.
 - On completion the contractor is required to carry out an as-built survey of the completed highway works.

Revision	Description	By	Checked	App	Date
B	Updated in accordance with OCC comments	RW	RS	RM	10/06/2022
A	First Issue	KL	RS	RM	11/03/2022

FOR APPROVAL
 NOT FOR CONSTRUCTION

84 North Street Guildford Surrey GU1 4AU
 01483 531300

9 Greyfriars Road Reading Berkshire RG1 1NU
 0118 206 2930

Golden Cross House 8 Duncannon Street London WC2N 4JF
 020 7031 8141

www.motion.co.uk

Client: **Great Lakes UK Ltd**

Project: **Great Wolf Lodge, Bicester**

Title: **S278 Highways Works Site Access / A4095 / Green Lane Highway Improvements Standard Details Sheet 2**

Scale: 1:250 Size: A1 Project No: 2109087

Drawing: **2109087-S278-0-0802** Revision: **B**