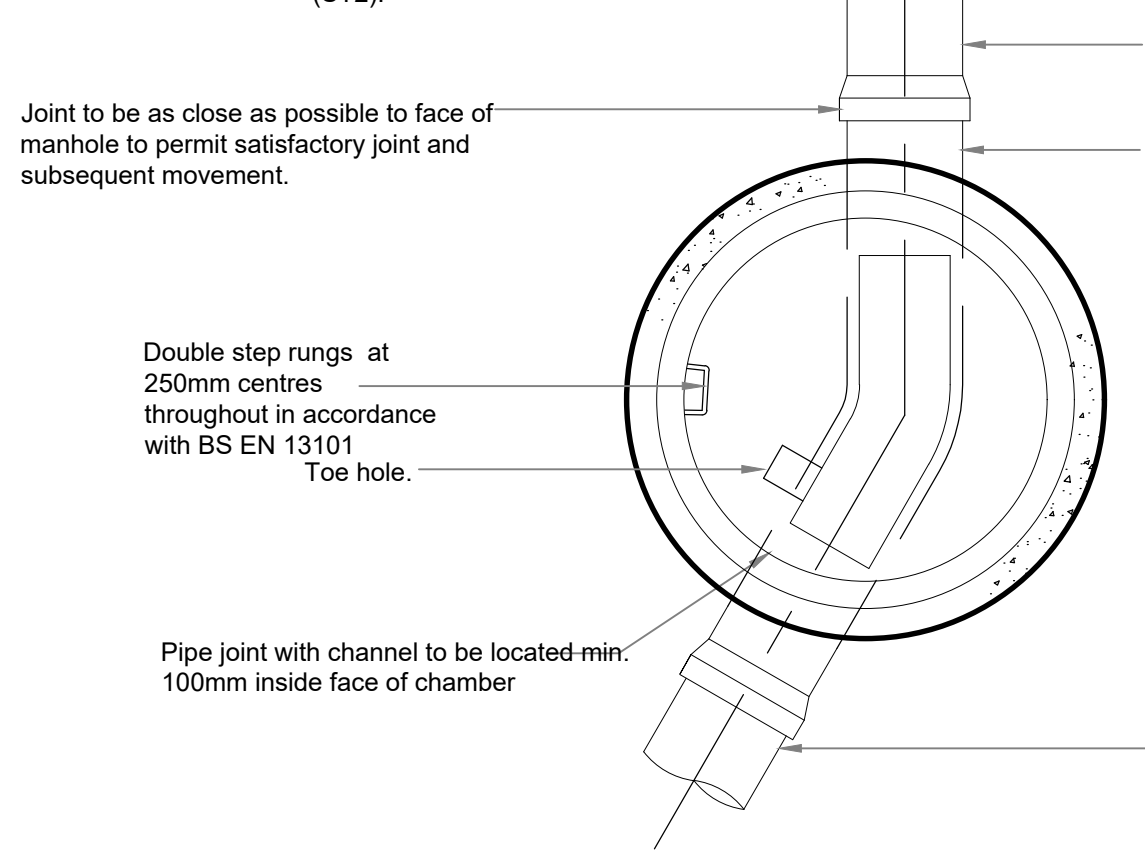
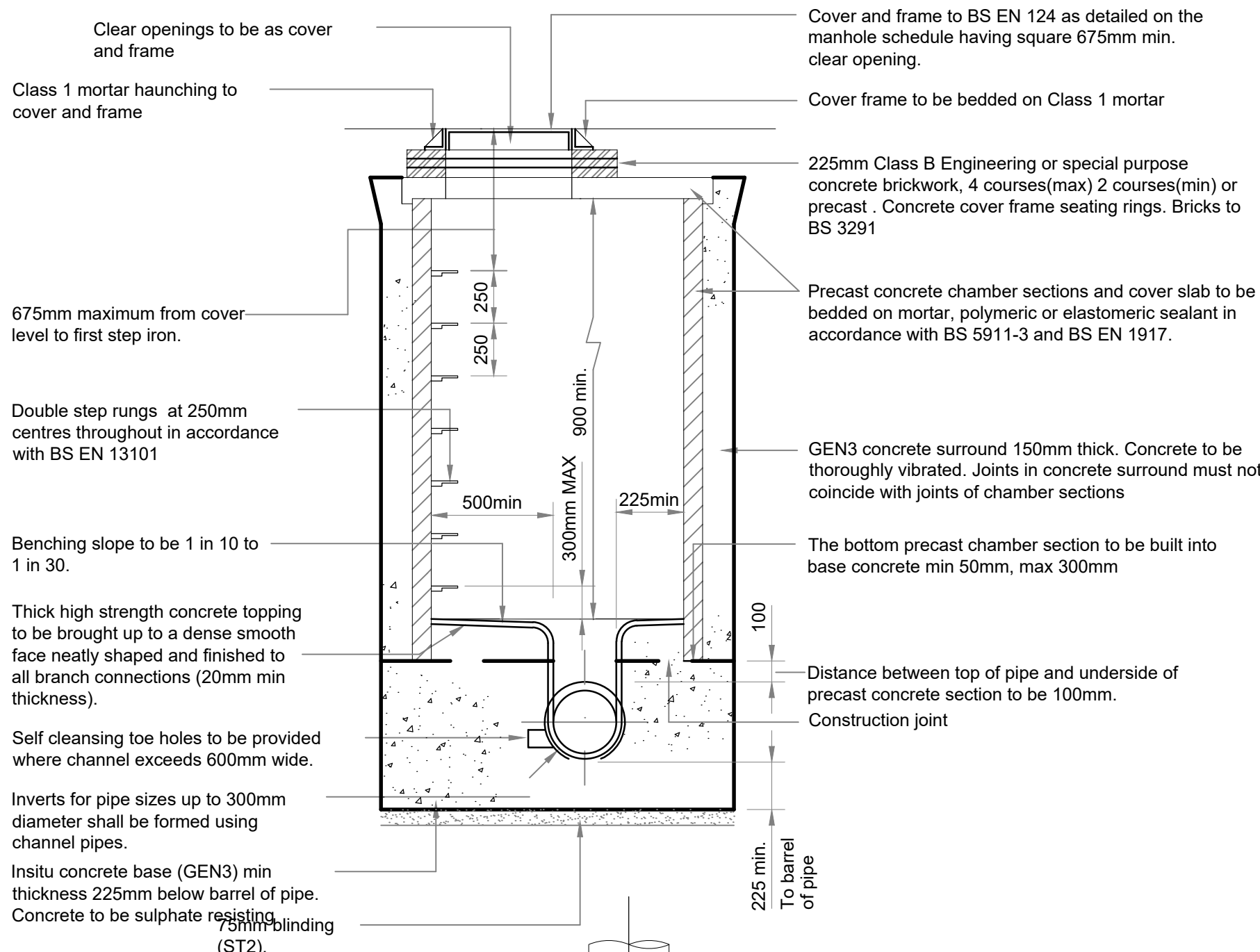
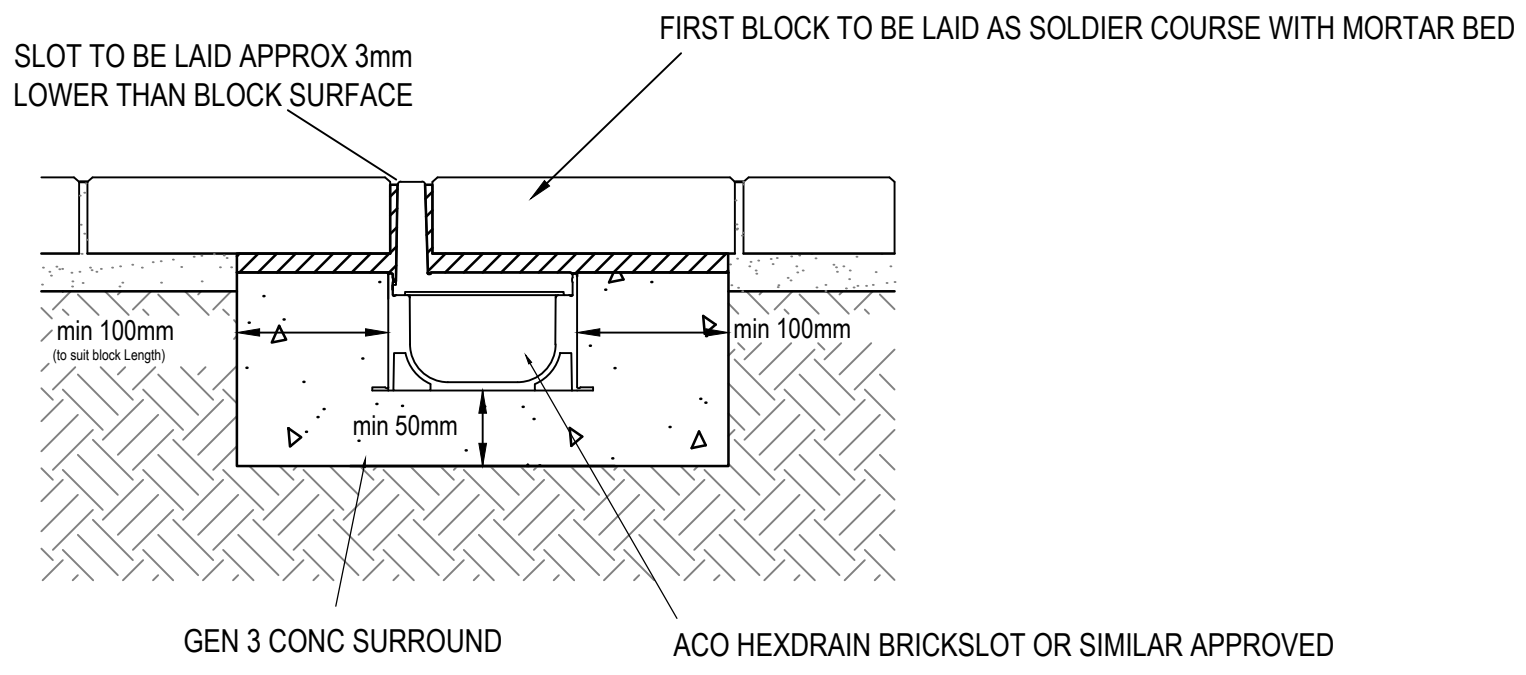


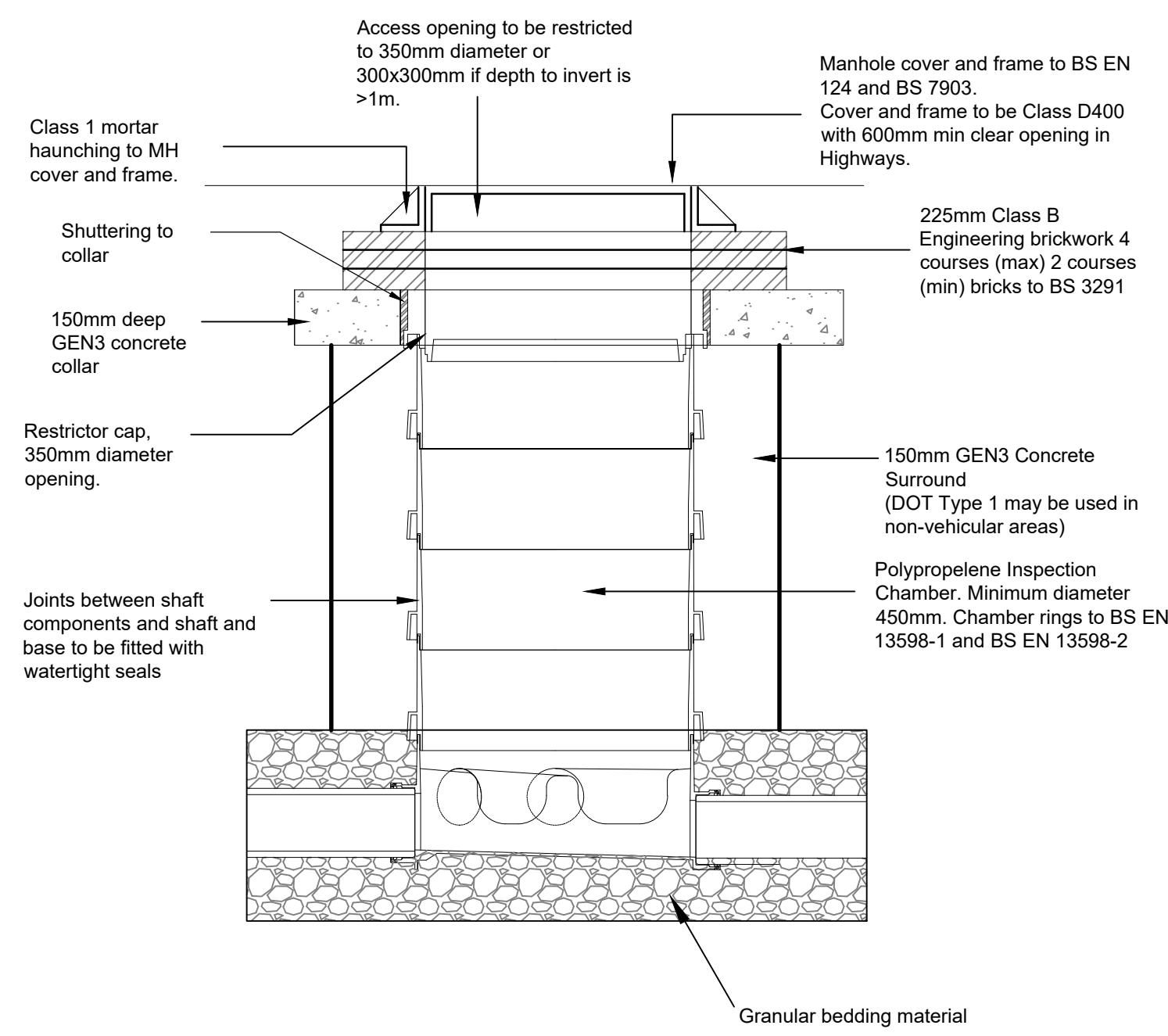


- GENERAL NOTES:**
- Outgoing pipes greater than 600mm diameter are to be fitted with safety chains
 - Sulphate resisting portland cement shall be used for all concretes and mortars having equivalent compressive strength of 20N/mm² or greater (including precast concrete products).
 - Refer to manhole schedules for details of covers, pipe sizes, invert levels, manhole diameter etc.

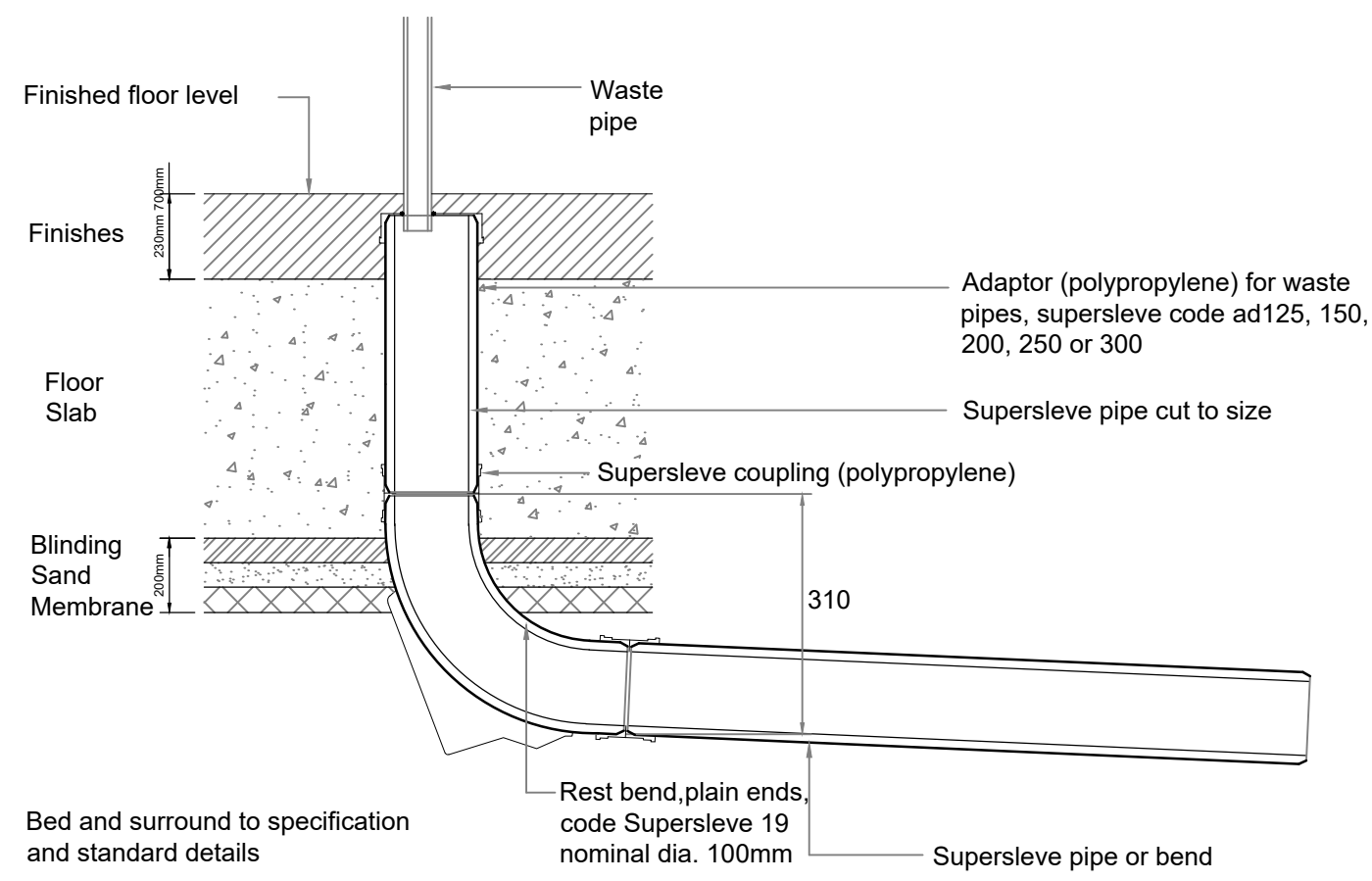
Pipe dia	Effective length
150 - 600	0.60
675 - 750	1.00
825 & over	1.25



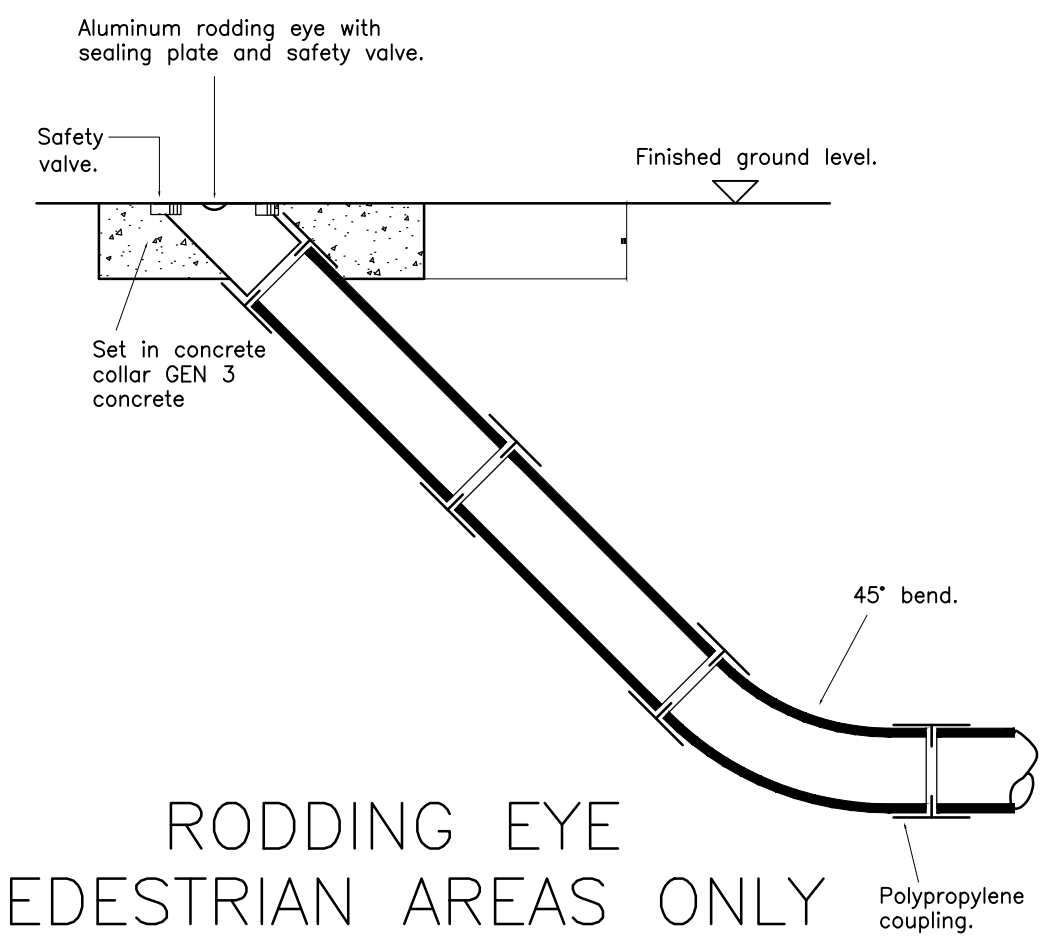
PEDESTRIAN SLOTDRAIN DETAIL N.T.S.



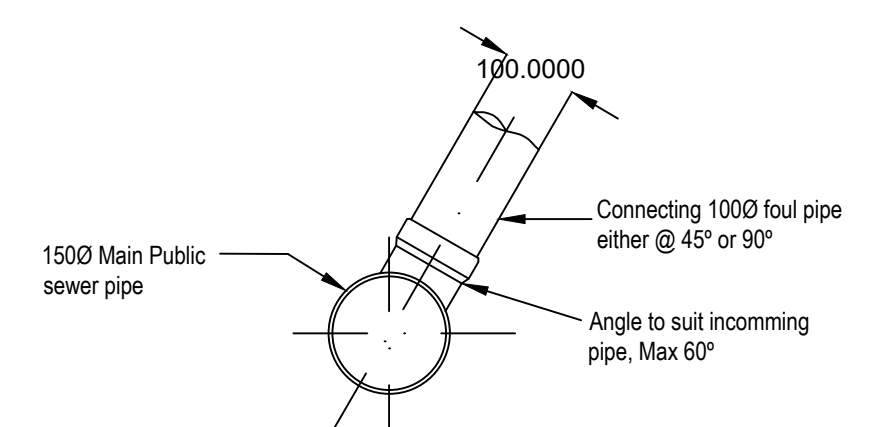
MANHOLE TYPE 3 (non-entry) NOT TO SCALE MAX DEPTH TO SOFFIT 3.0m



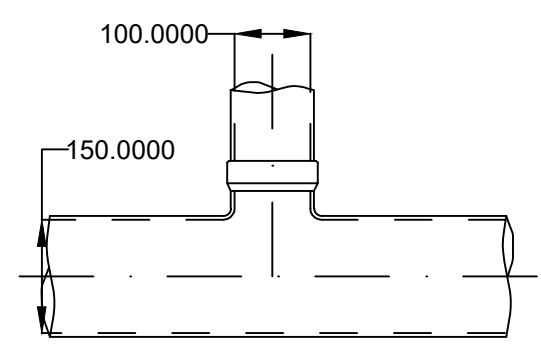
CONNECTION TO WASTE OR RAINWATER PIPES



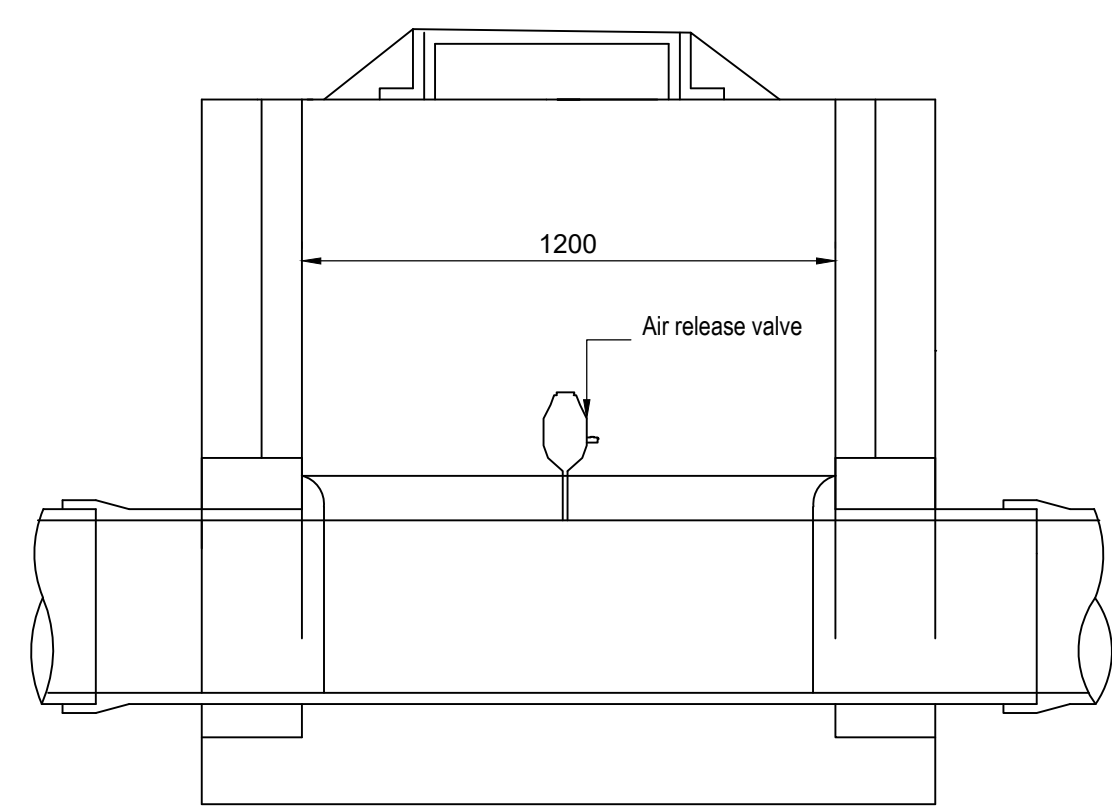
RODDING EYE PEDESTRIAN AREAS ONLY



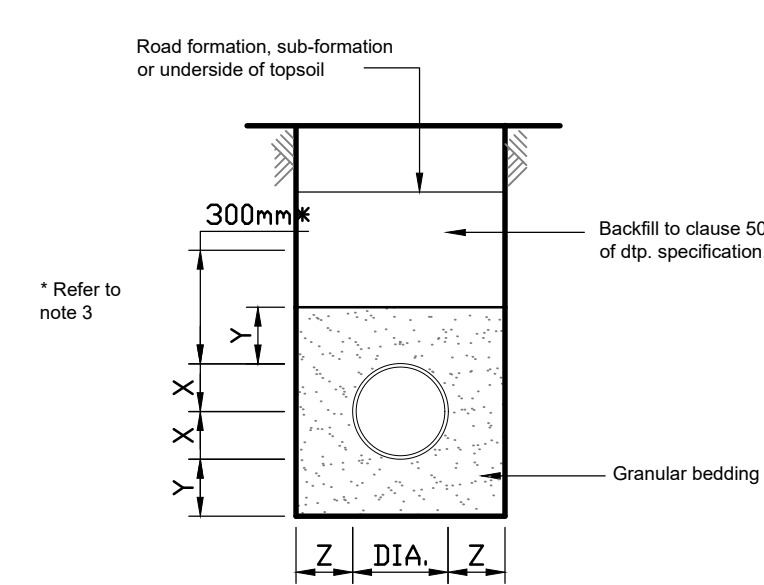
SECTION OF PUBLIC SEWER WITH CONNECTING FOUL PIPE



PUBLIC SEWER CONNECTION @ 90°

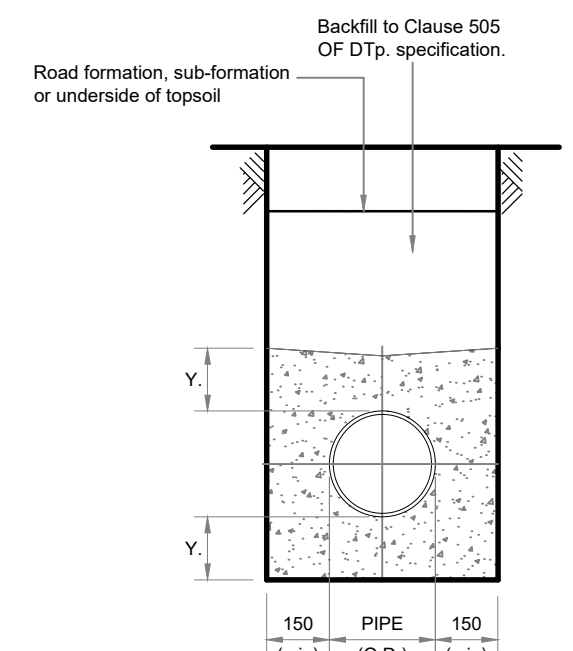


AIR RELEASE MANHOLE DETAIL



CLASS S BEDDING GRANULAR BED AND SURROUND (Bedding factor = 2.2)

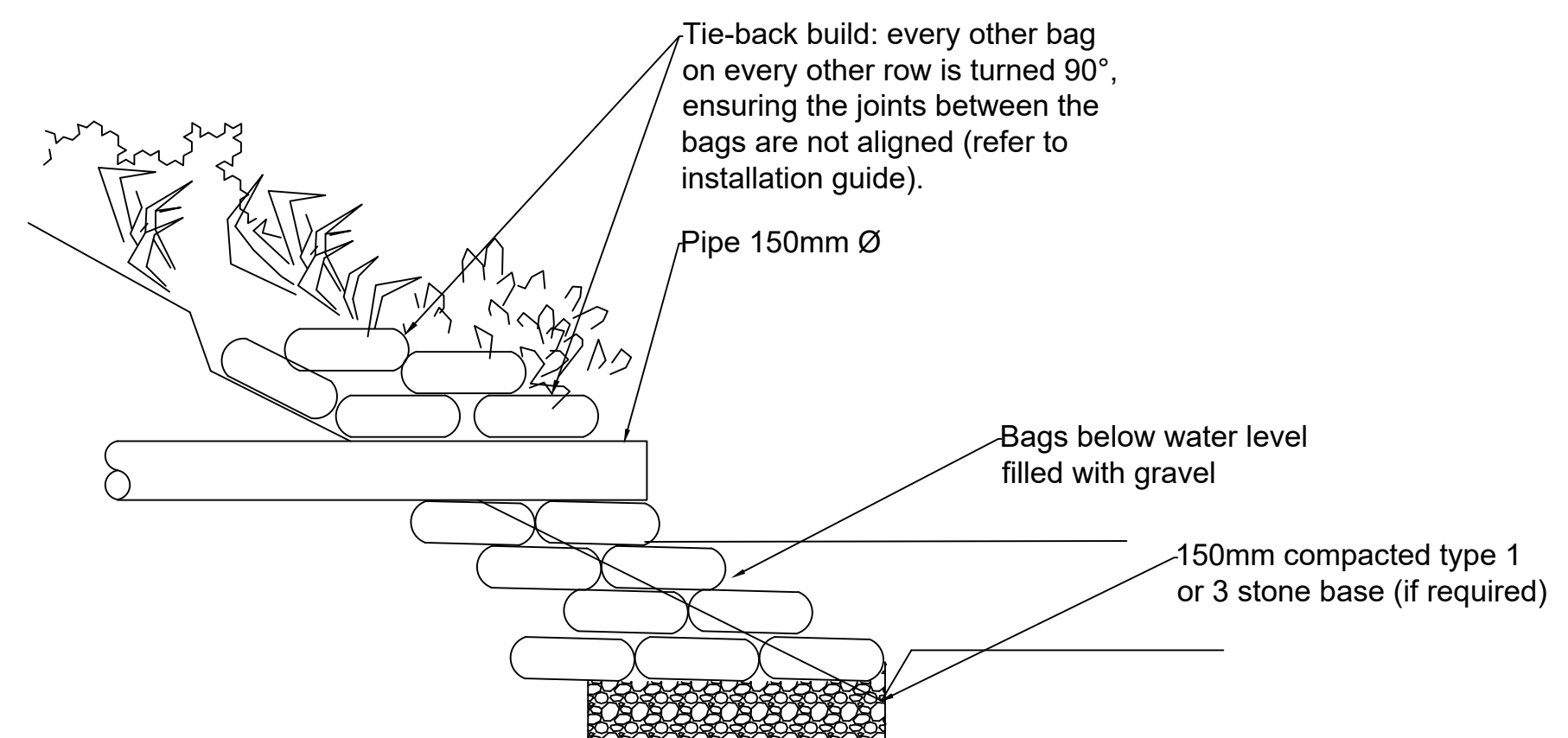
X = Half of outside diameter of pipe
Y = Refer to pipe bedding dimension table
Z = Minimum 150mm



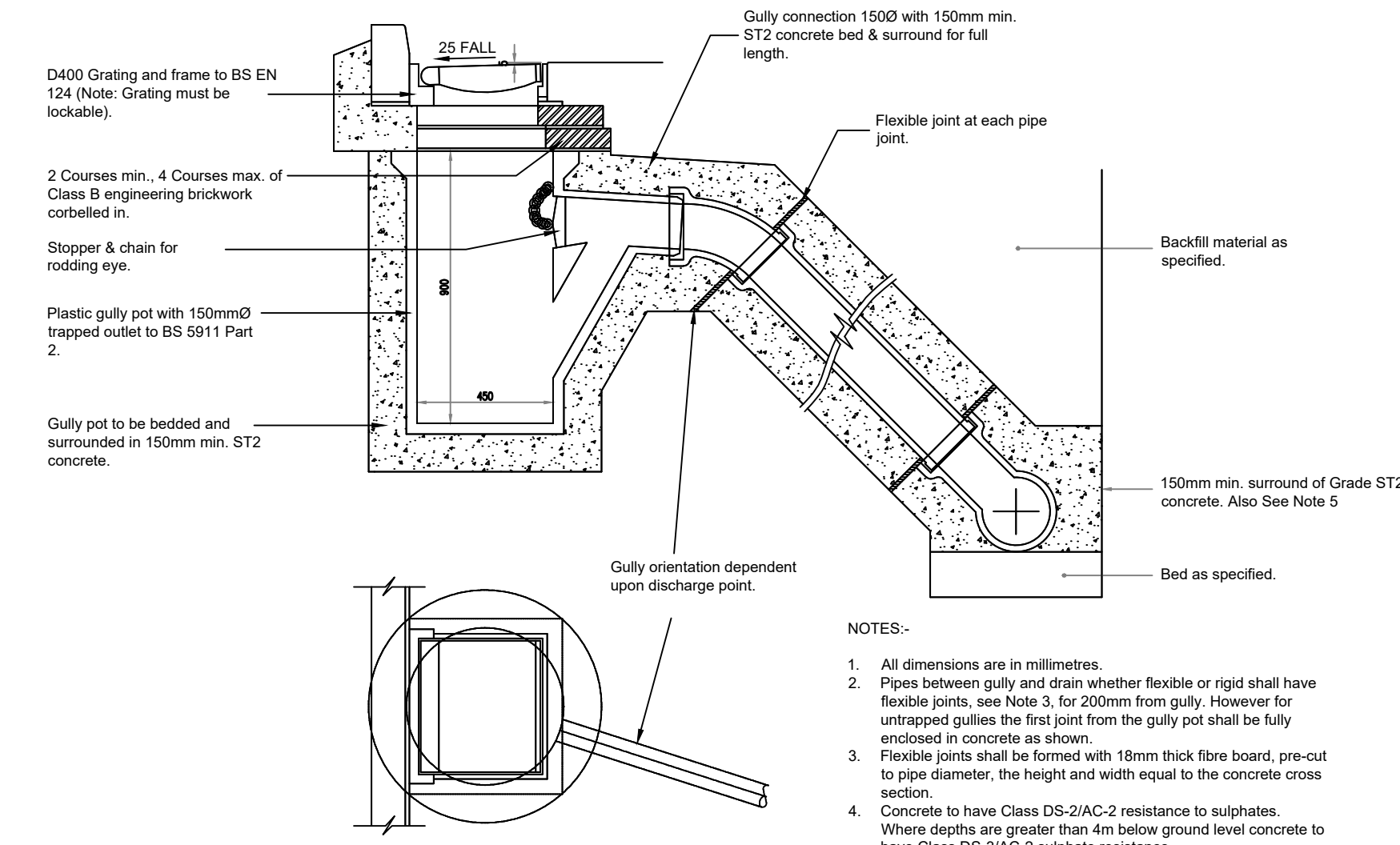
CLASS Z BEDDING PLAIN CONCRETE BED AND SURROUND

NOTES:

- Bedding to be used where Class S surround is not suitable.
- Bedding beneath and at sides of the pipe to be well compacted.
- Geotextiles may be used where directed or approved by the engineer to contain bedding material in certain soils e.g. running sand.
- In very wet conditions, where directed or approved by the engineer a temporary land drain may be laid within the granular bed.
- Where pipes with flexible joints are used, the concrete protection is to be interrupted over its full cross-section at intervals not exceeding 5 metres (or as directed by the engineer) by a shaped former of bitumen impregnated compressible filler; these interruptions shall coincide with pipe joints. see dimensions for pipe bedding table for thickness of compressible filler.
- Concrete to be Class 2; sulphate resisting ST4 concrete.
- Where flexible pipes are used, care must be taken to prevent the pipes from floating.



INDICATIVE HEADWALL SECTION



GULLY DETAIL

NOTES:-

- All dimensions are in millimetres.
- Pipes between gully and drain whether flexible or rigid shall have flexible joints, see Note 3, for 200mm from gully. However for untrapped gullies the first joint from the gully pot shall be fully enclosed in concrete as shown.
- Flexible joints shall be formed with 18mm thick fibre board, pre-cut to pipe diameter, the height and width equal to the concrete cross section.
- Concrete to have Class DS-2/AC-2 resistance to sulphates. Where depths are greater than 4m below ground level concrete to have Class DS-3/AC-2 sulphate resistance.
- Where a prefabricated junction is used, the concrete surround to the drain junction may be omitted.

T1	31.05.24	Tender issue	AH	RL
P1	19.04.24	Preliminary Issue	AH	RL
Rev	Date	Description	By	Apvd

PROJECT:
COLDHARBOUR FARM ROAD,
EMSWORTH

TITLE:
DRAINAGE DETAILS

CLIENT:
DOSWELL PROJECT

SCALE@A1:
NTS

PROJECT REF:
23339
DRAWING No:
JUBB_XX_XX_DR_C_550
REV:
T1

Revision Referencing
P = Preliminary A = Approval T = Tender C = Construction



BEDDING AND SURROUND DETAILS