

mortars having equivalent *compressive strength of 20n/mm*² or greater

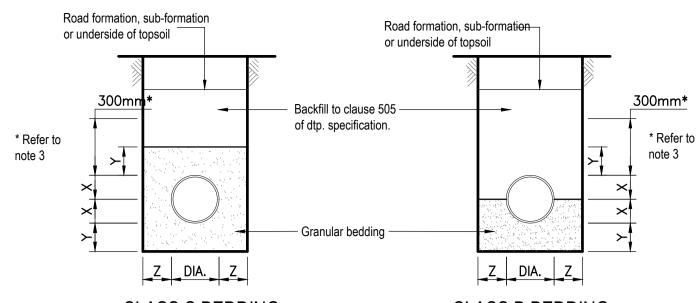
2. Refer to manhole schedules for details of covers, pipe sizes, invert

3. The use of precast concrete rectangular manhole units with 150mm

(including (including precast concrete products).

levels, chamber sizes etc.

ST4 concrete surround is permitted.



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

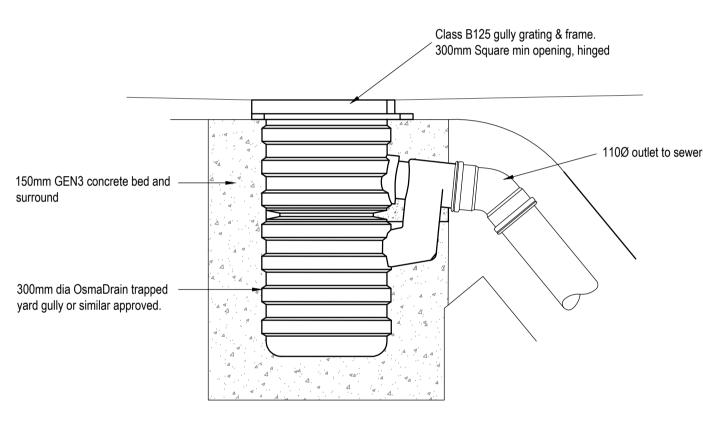
CLASS B BEDDING GRANULAR BED AND HAUNCH (Bedding factor = 1.9)

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

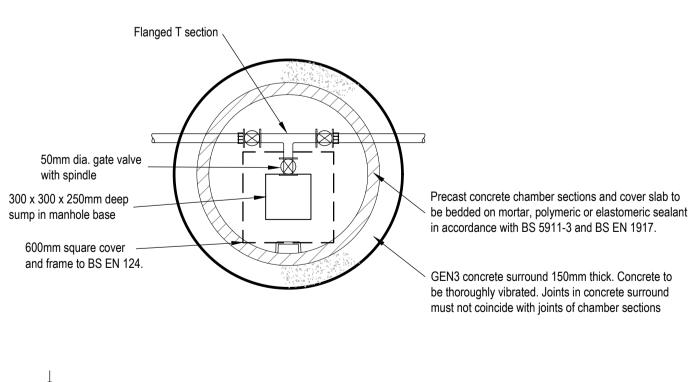
NOTES:

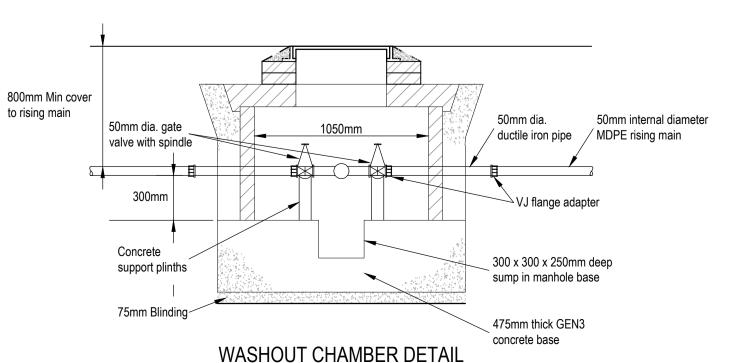
- Refer to tables for dimensions and bedding details
- Bedding beneath and at the sides of the pipe to be well compacted The first 300mm of fill above the crown of the pipe is to be lightly tamped by hand.
- Mechanical compaction may be used only above this level.
- 4. Geotextiles may be used where directed or approved by the engineer to contain bedding material in certain soils e.g. running sand
- 5. In very wet conditions, where directed or approved by the engineer a temporary land drain may be laid within the granular bed.

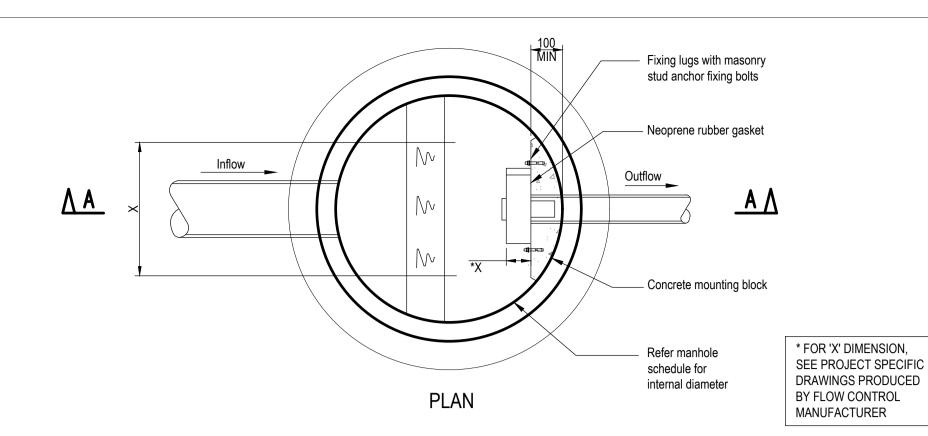
GRANULAR BEDDING DETAILS

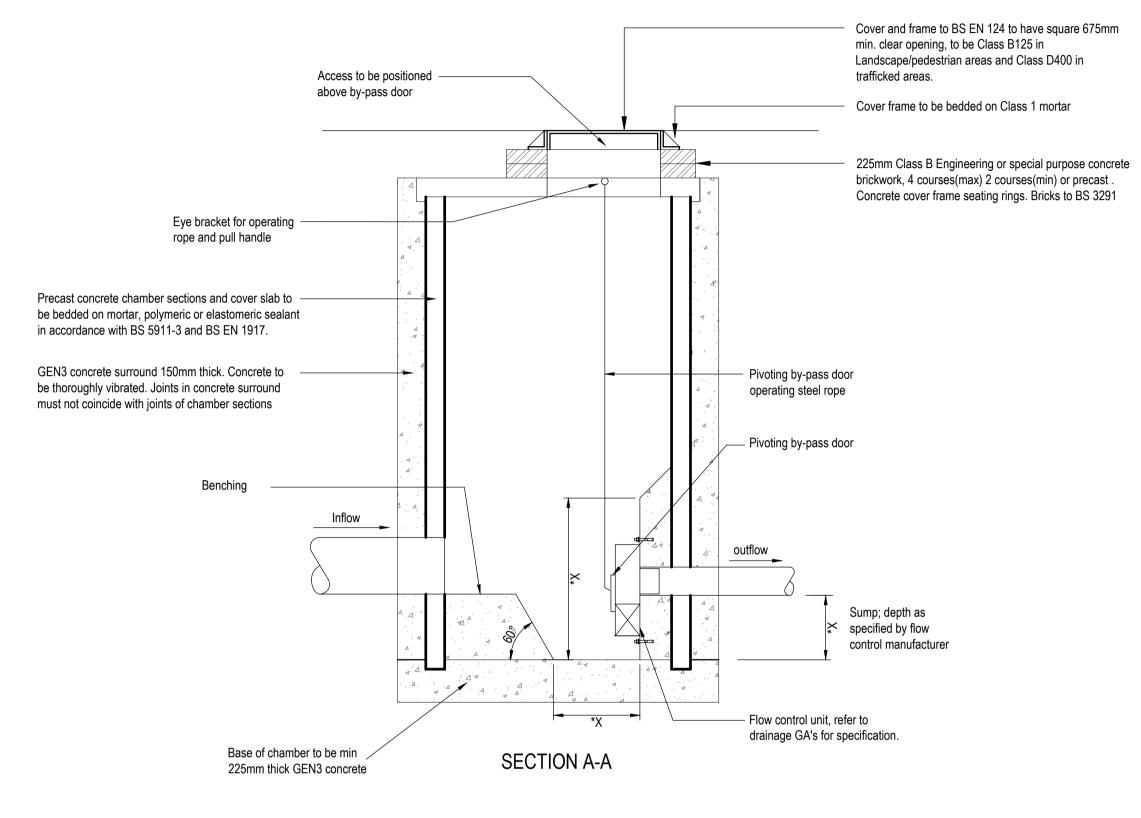


YARD GULLY DETAIL NOT TO SCALE

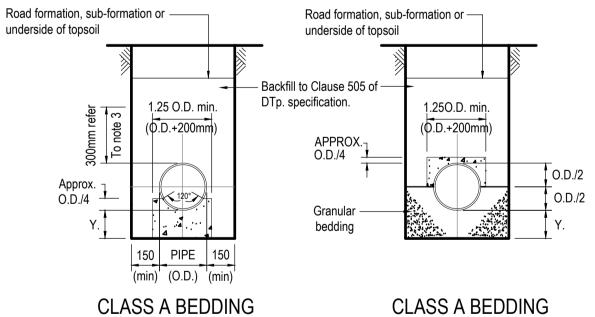








FLOW CONTROL CHAMBER DETAIL



CLASS A BEDDING PLAIN CONCRETE CRADLE (BEDDING FACTOR = 2.6)

(BEDDING FACTOR = 2.6)

Backfill to Clause 505 OF DTp. specification. Road formation, sub-formation—— or underside of topsoil CLASS Z BEDDING

PLAIN CONCRETE BED & SURROUND

- Refer to tables for dimension and bedding materials. Bedding beneath and at sides of the pipe to be well compacted.
- Where a concrete cradle is provided, the first 300mm of fill above the crown of the pipe is to be lightly compacted by hand. mechanical compaction may be used only above this level.

PLAIN CONCRETE ARCH

4. Concrete cradles and arches may be extended to the sides of the trench. Geotextiles may be used where directed or approved by the engineer to

contain bedding material in certain soils e.g. running sand.

- 6. 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. 8. Concrete to be Class 2; sulphate resisting ST4 concrete 9. Where flexible pipes are used. care must be taken to prevent the pipes from
- CONCRETE BEDDING DETAILS

floating.

C2	11.12.19	Extent and layout of Phase 1 amended	JH	AO
C1	15.10.19	Issued for construction	JH	DG
Rev	Date	Description	Ву	Apvd

BUCKMORE FARM, PETERSFIELD

TITLE: DRAINAGE DETAILS SHEET 1

CLIENT: GENTIAN (PETERSFIELD) LTD.

SCALE@A1: **AS SHOWN**

520

PROJECT REF: 16156 DRAWING No:

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



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REV:

MANHOLE TYPE D NOT TO SCALE DEPTH TO SOFFIT LESS THAN 1.0m