

LAND DRAIN DETAIL

(Scale 1:20)

Backfill to comply with earthwork specification. Backfill to be approved selected material. Layer not to exceed 250mm thick. Specification to suit MCHW Vol 1 Series 600 (Earthworks)

- Granular bed & surround Min.150mm

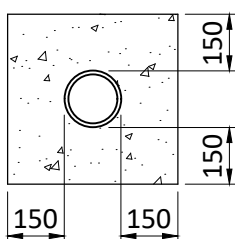
DIMENSION a :- in rock or material containing hard spots sleeved jointed pipes - 150mm min. socketed pipes - 200mm min. elsewhere sleeved jointed pipes - 150mm min socketed pipes - 150mm min.

PIPE NOMINAL BORE (DN)	MAX. PARTICLE SIZE (mm)	CLASS OF BEDDING	SUITABLE IMPORTED GRANULAR MATERIALS
100 dia	10	S	10mm NOMINAL SINGLE-SIZED OR 10mm TO 5mm GRADED.
OVER 100 TO 150 dia	15	S	max 14mm NOMINAL SINGLE-SIZED OR 14mm TO 5mm GRADED.
OVER 150 TO 600dia	20	S	max 20mm NOMINAL SINGLE -SIZED OR 20mm TO 5mm GRADED.
OVER 600	40	S	max 40mm NOMINAL SINGLE-SIZED OR 40mm TO 5mm GRADED.

CLASS 'S' PIPE BEDDING DETAIL

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NOMINAL DIA OF PIPE (mm)	THICKNESS OF COMPRESSIBLE FILLER (mm)
LESS THAN 450	18
450-1200	36
EXCEEDING 1200	54



TYPICAL CONCRETE PIPE SURROUND
DETAIL CLASS 'Z' BEDDING

Scale 1:20

Under all hardstanding areas backfill with 40mm down graded stone , hard- core. elsewhere (ie soft landscaped areas) backfill with approved selected material.

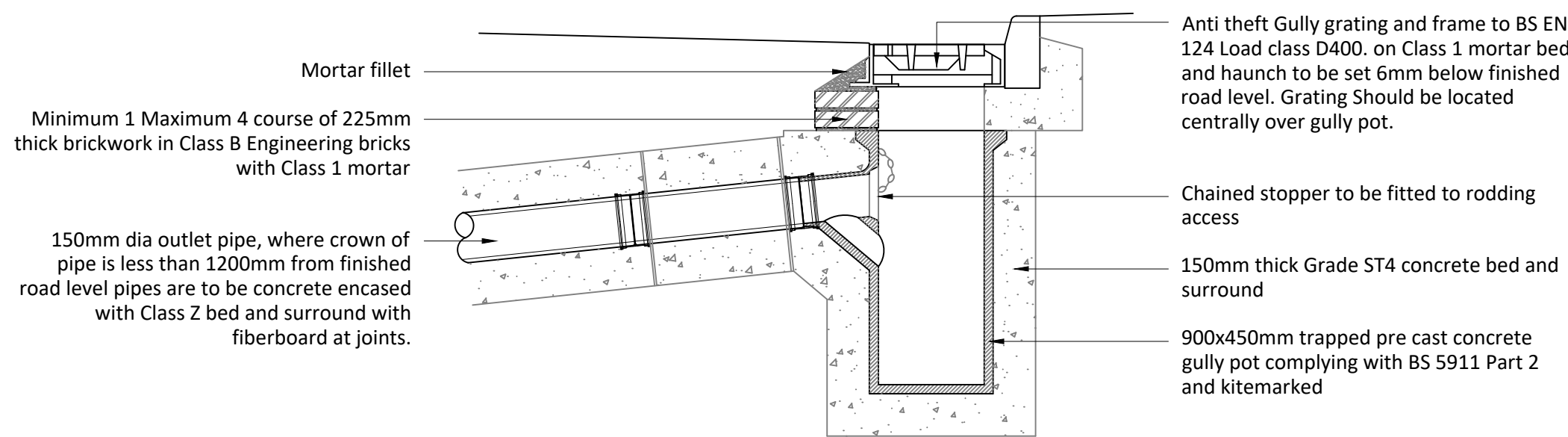
Class S Bed and Surround

To be used where cover to pipe is less than:

- 1.2m in highways
- 0.9m in driveways
- 0.6m in landscaped areas

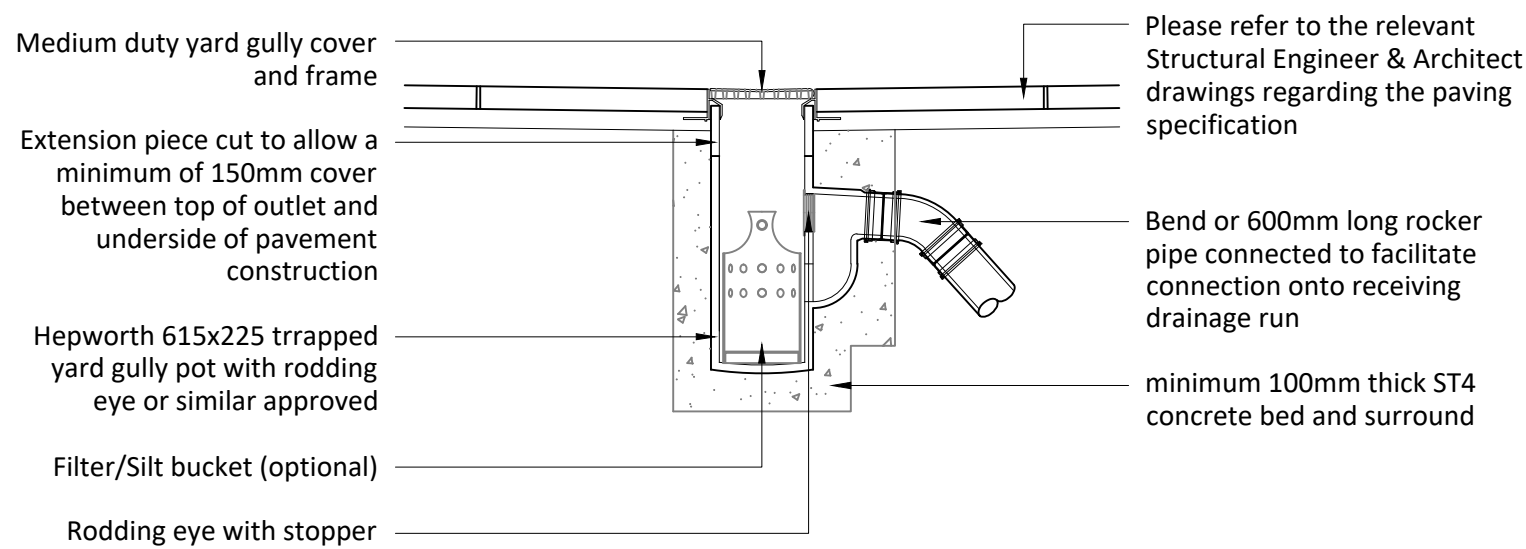
CONCRETE SLAB PROTECTION TO DRAINAGE

Scale 1:20



TYPICAL DETAIL D400 GULLY

Scale 1:20



TYPICAL DETAIL SHOWING YARD GULLY

Scale 1:20

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