## Mortar fillet

Minimum 1 Maximum 4 course of 225mm thick brickwork in Class B Engineering bricks with Class 1 mortar

150mm dia outlet pipe, where crown of – pipe is less than 1200mm from finished road level pipes are to be concrete encased with Class Z bed and surround with fiberboard at joints.



## 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)



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.

- 1	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 Scale 1:20





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.

50mm thick Compressible filler

Reinforced 150mm thick ST4 concrete slab with A393 mesh with 50mm cover to each face

Class S Bed and Surround

To be used where cover to pipe is less than: 1.2m in highways 0.9m in driveways

Scale 1:20

0.6m in landscaped areas CONCRETE SLAB PROTECTION TO DRAINAGE





Medium duty yard gully cover

Extension piece cut to allow a minimum of 150mm cover between top of outlet and

Hepworth 615x225 trrapped yard gully pot with rodding

Anti theft Gully grating and frame to BS EN 124 Load class D400. on Class 1 mortar bed and haunch to be set 6mm below finished road level. Grating Should be located centrally over gully pot.

Chained stopper to be fitted to rodding access

150mm thick Grade ST4 concrete bed and surround

900x450mm trapped pre cast concrete gully pot complying with BS 5911 Part 2 and kitemarked



Do Not Scale				
DESIGN REVIEW				
Design review by:     **     Checked by:     **       Residual hazards:				
A Health, Safety & A				
$\angle \underline{N}$ Environmental Notes $\angle \underline{N}$				
NOTES				
17.02.23Details added to drawing - Tender IssueOCBJSP200.00.00Initial lease0.00Initial leaseD1				
03.02.23Initial IssueOCBJSP1DateDescriptionByChkRev				
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Tel: 0113 239 4518				
Project Doarno Vallov Parkway				
Dearne Valley Parkway				
Title				
Typical Drainage Details				
Sheet 3 of 3				
Client				
GREGORY PROPERTY GROUP				
PROPERTY GROUP				
Scale @ A1 Initial author Initial checker Approver Initial Date				
1:20     OCB     JS     RP     Feb' 23       Status     Purpose     Adept Ref       SE     Tondor     00 22000				
S5 Tender 00.23009 Project Number Originator Volume Level Type Role Drg. No. Rev.				
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