



Cover level (see drainage schedules).  
 Ductile iron cover and frame (Kitemarked or Equivalent) to clause 507.9. (see drainage schedules).  
 Cement mortar bed and surround.  
 1-3 courses 225mm brickwork.  
 Reinforced precast concrete cover slab (heavy duty) size of access hole to match opening of cover.

Surround chamber with Terram 1000 or equivalent.  
 Manhole steps to comply with clause 507.6.  
 Open jointed precast concrete chamber ring with 25 mm perforations at 300mm centres horizontally and vertically.  
 Invert level (see drainage schedules).  
 Insitu concrete mix ST4

Design group	Internal dia.
S1	1200
S2	1500
S3	1800
S4	2100
S5	2400

TABLE A

NOTES

1. All dimensions are in millimetres unless shown otherwise.
2. Soakaways shall comply with clause 507.
3. Ductile iron covers to soakaway shall be positioned on side furthest from the carriageway where possible.
4. For details of depths of individual soakaways and invert levels of pipes see schedules.
5. Bricks to be Class B clay engineering bricks to B.S. 3921, in English bond.
6. Backfill material shall be Type B to clause 505 table 5/5.
7. Where gratings are provided as covers to soakaways, the gratings shall be hinged on the side nearest the carriageway.
8. Pipes shall be joined into chambers in accordance with clause 507.15.
9. Cement mortar shall be mixed in the proportions given in Table 24/1. For mortar designation see Appendix 24/1.
10. Precast concrete units to clause 507.4.

e	Minor amendments	11.99
d	Minor amendments	03.97
c	Spec. 7th Ed. amendments.	10.92
b	Top step iron amended.	1.92
a	Terram 1000 specified.	09.91

**OXFORDSHIRE COUNTY COUNCIL**  
 CARING COUNTYWIDE

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SOAKAWAYS: Design group S1-S5 (S1 shown)

DRAINAGE

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SCALE	INITIALS	DATE	INDEX	AMENDMENT	DATE
Not to Scale	DRAWN			DRAWING No. HSD/5/365e	CATEGORY 1
	TRACED				
	CHECKED	Let.	21.1.02		