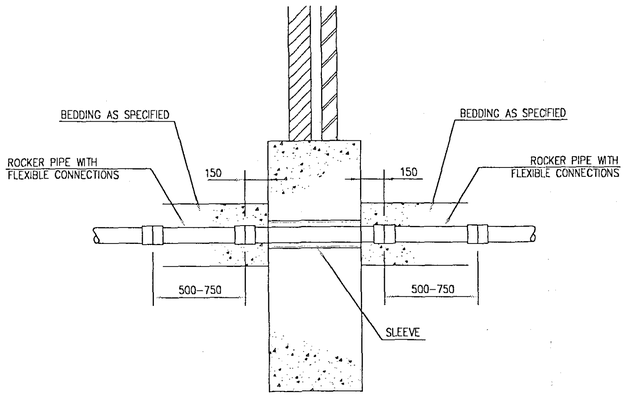
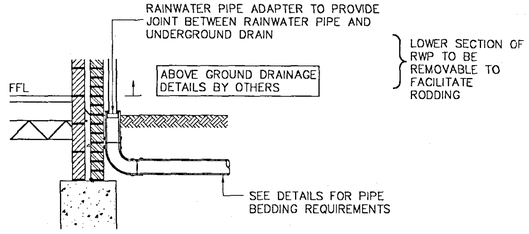


TYPICAL PIPE THRO' FOUNDATION DETAIL

SCALE 1:25

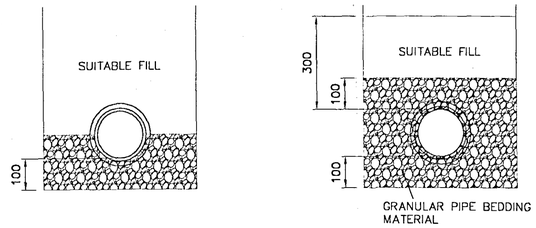


TYPICAL RAINWATER PIPE CONNECTION POINT DETAIL

SCALE 1:25

FOR RIGID PIPES: eg. CLAYWARE, CONCRETE

FOR FLEXIBLE PIPES: eg. THERMOPLASTIC



CLASS B PIPE BEDDING

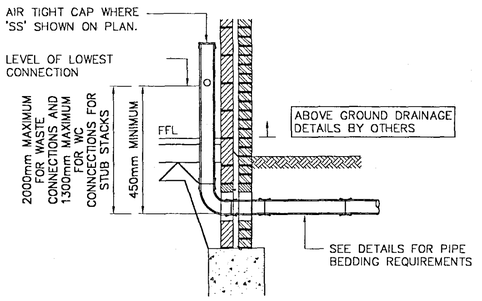
TYPE S PIPE BEDDING

TYPICAL PIPE BEDDING DETAILS

SUITABLE FILL – THE SUITABLE FILL SHALL BE SUITABLE FOR THE LOCATION AND SHALL BE CAREFULLY COMPACTED TO PROVIDE A STABLE FILL WITHOUT DAMAGING THE PIPE. FILL UNDER CAR PARKING AREAS, SHARED DRIVES AND PRIVATE ROADS SHALL BE WELL COMPACTED GRADED GRANULAR MATERIAL. FILL UNDER ADOPTABLE ROADS MAY NEED TO BE TYPE 1 GRANULAR SUB-BASE MATERIAL – CHECK WITH LOCAL HIGHWAY AUTHORITY IF APPROPRIATE.

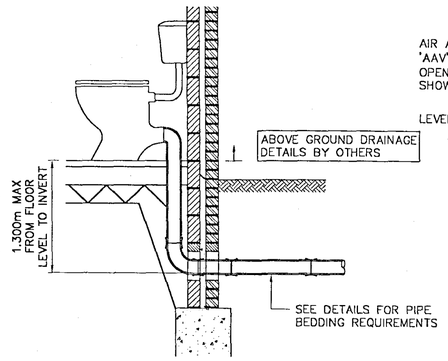
GRANULAR MATERIAL – FOR RIGID PIPES THE GRANULAR MATERIAL SHOULD CONFORM TO BS EN: 1610 Annex B Table B.15 AND SHOULD BE SINGLE SIZE MATERIAL OR GRADED MATERIAL FROM 5mm UPTO A MAXIMUM SIZE OF 10mm FOR 100mm DIAMETER PIPES, 14mm FOR 150mm DIAMETER PIPES.

LIMITS OF COVER IN ANY WIDTH OF TRENCH			
NOMINAL SIZE	LAID IN FIELDS	LAID IN LIGHT ROADS	LAID IN MAIN ROADS
CLASS 120 CLAYWARE PIPES (CLASS B BEDDING)			
100mm	0.6m – 8.0+ m	1.2m – 8.0+ m	1.2m – 8.0m
150mm	0.6m – 8.0m	1.2m – 8.0m	1.2m – 8.5m
THERMOPLASTIC PIPES (CLASS S BEDDING)			
100 – 300mm	0.6m – 7.0m	0.9 – 7.0m	0.9m – 7.0m



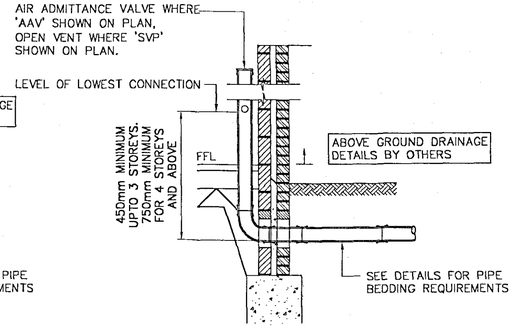
TYPICAL STUB STACK PIPE (SS) CONNECTION DETAIL

SCALE 1:25



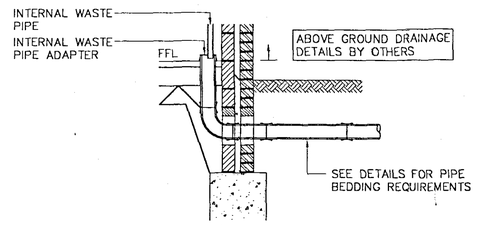
TYPICAL WC CONNECTION DETAIL

SCALE 1:25



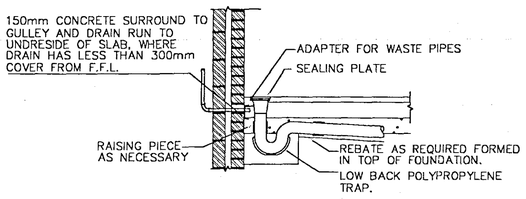
TYPICAL SOIL VENT PIPE (SVP) CONNECTION DETAIL

SCALE 1:25

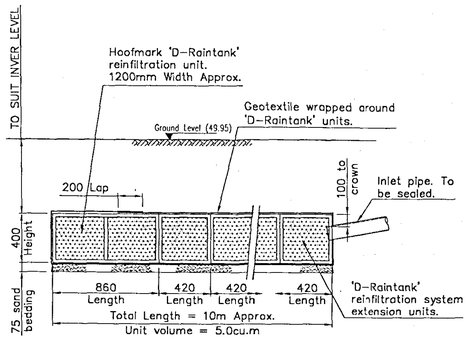


TYPICAL INTERNAL WASTE PIPE CONNECTION DETAIL

SCALE 1:25

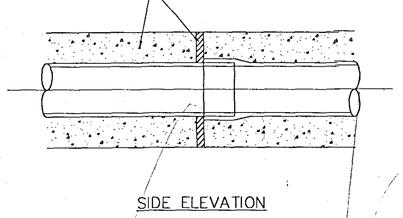


TYPICAL FOUL WATER BACK INLET GULLY DETAIL "big"

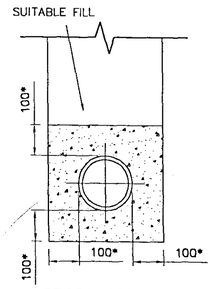


Typical Section through 'Hoofmark D–Raintank' Reinfiltration System

Notes
–'D–Raintank' Installation to be in accordance with manufacturers instructions.
–Hoofmark (0191) 584 5566.



SIDE ELEVATION



CROSS SECTION

TYPE Z BEDDING (CONCRETE ENCASED PIPES) PROTECTION FOR PIPES LAID AT SHALLOW DEPTHS

NOT TO SCALE

* FOR HEAVY DUTY/INDUSTRIAL APPLICATIONS INCLUDING MAIN ROADS OR ADOPTABLE ROADS INCREASE CONCRETE (SEE NOTE 8 ON DRAWING 271003/03.) TO 150mm

SHDC
Planning & Development
24 FEB 2005
Ref: 0259/05

DETERMINED PLAN

PRELIMINARY

ALLEN SYKES ASSOCS. – 1 DEC 2005

REV	DATE	REMARKS

STATUS: PRELIMINARY

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PROJECT
Proposed Medical Centre
Sutton Bridge
Lincolnshire

TITLE
Drainage Detail
Private Sheet 2 of 2

DATE	OCT–03	SCALE	As Noted
DRAWN	SRC	CHECKED	
DESIGN		FILENAME	29403–04–07

DRG No. 29403/06 REV