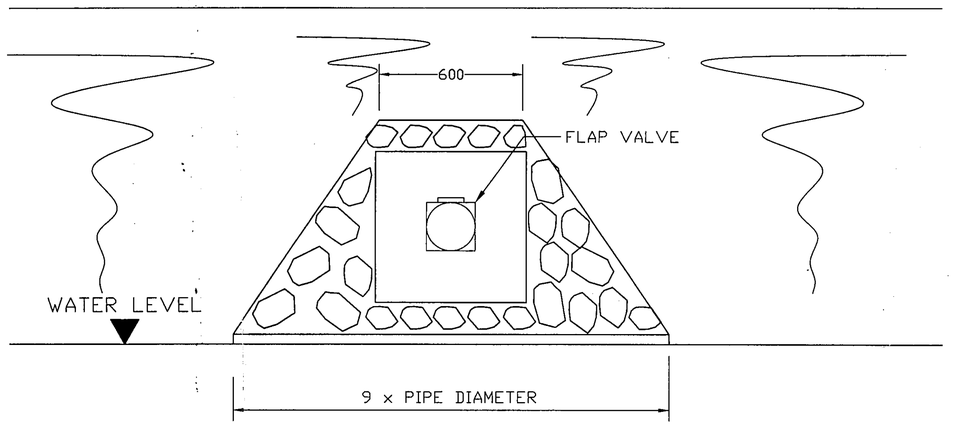
© 2000 Waldeck Associates Ltd

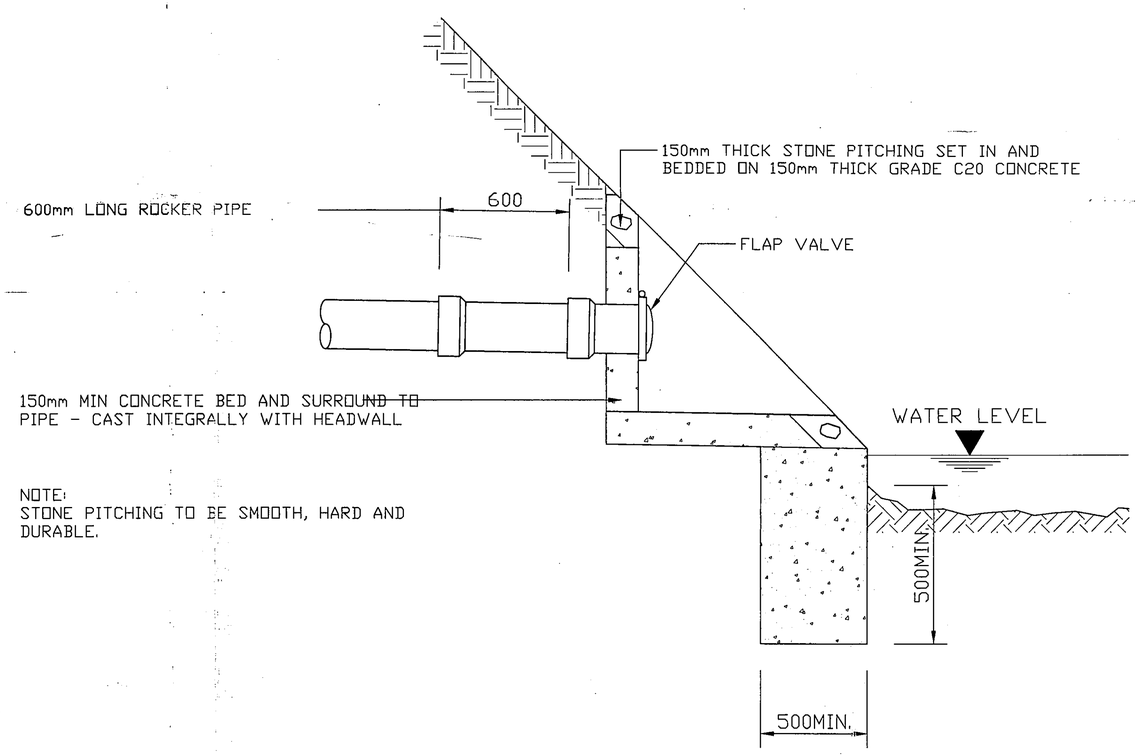
NOTES

1. DO NOT SCALE THIS DRAWING.
2. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS STATED OTHERWISE.
3. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT DRAWINGS.

SHDC
PLANNING & DEVELOPMENT
11 MAY 2006
Ref. 0659/06



ELEVATION



NOTE:
STONE PITCHING TO BE SMOOTH, HARD AND DURABLE.

TYPICAL SECTION THROUGH PROPOSED HEADWALL FOR DISCHARGE PIPE
(NOT TO SCALE)

SEWER NOTES:

1. ROCKER PIPE DETAILS

SEWER DIA. (mm)	EFFECTIVE LENGTH (mm)
150 TO 600 675 TO 750 825 AND OVER	600 1000 1250

2. ALL JOINTS BETWEEN PRECAST CONCRETE MANHOLE COMPONENTS SHALL HAVE A MINIMUM UNCOMPRESSED THICKNESS OF 10mm OF PROPRIETARY BITUMEN OR RESIN MASTIC SEALANT
3. CHAMBERS AND MANHOLES WITH OUTGOING PIPES OF GREATER THAN 600mm DIA. SHALL BE FITTED WITH REMOVABLE STAINLESS STEEL (GRADE 316) SAFETY CHAINS OR POLYPROPYLENE ROPE
4. MANHOLES GREATER THAN 6m IN DEPTH SHALL BE SUBJECT TO SPECIFIC DESIGN
5. ALL MANHOLE COVERS ARE TO BE MARKED 'FW' OR 'SW' AS APPROPRIATE AND SHALL CARRY THE 'AW' LOGO
6. ALL SEWERS ARE TO BE CONSTRUCTED IN ACCORDANCE WITH THE PROCEDURES AND SPECIFICATIONS CONTAINED IN "SEWERS FOR ADOPTION" (5th Edition - July 2001)
7. STORM AND FOUL BRANCH CONNECTIONS ARE TO BE LAID AT GRADIENTS OF BETWEEN 1:40 AND 1:80 AND SHALL BE 150mm IN DIAMETER UNLESS OTHERWISE SPECIFIED
8. GULLY CONNECTIONS TO BE LAID AT GRADIENTS OF AT LEAST 1:50 AND SHALL BE 150mm IN DIAMETER UNLESS OTHERWISE SPECIFIED
9. ALL IN-SITU CONCRETE SHALL BE MINIMUM GRADE C20 AND SHALL CONTAIN A MINIMUM CLASS 3 SRC (GEN 3 TO BS5328)
10. PRECAST CONCRETE COVER AND REDUCING SLABS TO BE HEAVY DUTY REINFORCED CONCRETE TO BS 5911
11. BACKDROPS ARE ONLY TO BE USED WHERE GRADIENTS STEEPER THAN THE MAX PERMISSIBLE ARE UNAVOIDABLE, THE BACKDROP RODDING EYE IS NOT PERMITTED IN THE UPPER ACCESS SHAFT OF TYPE A MANHOLES
12. PIPES UPTO 225mm DIA TO BE CLAY IN ACCORDANCE WITH BS EN 295 AND BS 65
PIPES 300mm DIA AND ABOVE TO BE CONCRETE IN ACCORDANCE WITH BS 5911 - PART 100
RISING MAINS SHALL BE BLACK MDPE SDR11 AS WI 4-32-04 AND JOINTS AND FITTINGS TO BE IN ACCORDANCE WITH WI 4-32-04 OTHER APPROVED PIPE MATERIALS TO BE IN ACCORDANCE WITH THEIR RELEVANT BS.
13. MANHOLE COVERS AND FRAMES SHALL BE MANUFACTURED IN CAST IRON OR DUCTILE IRON AND SHALL COMPLY WITH THE REQUIREMENTS OF BS EN 124 AND SHALL BE KITEMARKED OR EQUIVALENT.

DETERMINED
PLAN

Rev.	Amendments	Rev'd By	Date
A	FLAP VALVE ADDED TO SUIT LCC HIGHWAYS REQUIREMENTS	AD	NOV 05

Client: CASTLE BUILDING LTD

Project: RESIDENTIAL DEVELOPMENT LONDON ROAD LONG SUTTON

Title: STANDARD HEADWALL OUTFALL

Job No	33907
Drawing No	STND/SEW/02 A
Status	STANDARD DETAILS
Scale	1:20
Date	SEP 05
Project Engineer	PW
Drawn By	AD
Checked By	

Waldeck Associates
Consulting Civil & Structural Engineers
Kesteven Business Centre,
2 Kesteven Street,
Sleaford,
Lincs,
NG34 7DT
Tel. 01529 415909
Fax. 01529 414044
E-mail. eng@waldeck.fsnet.co.uk