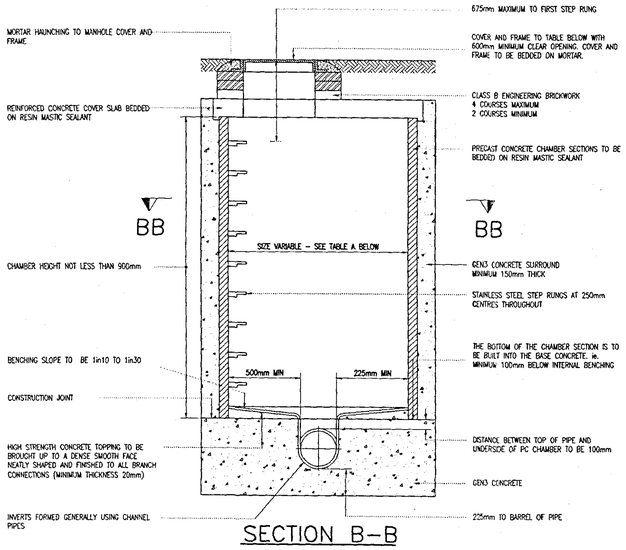
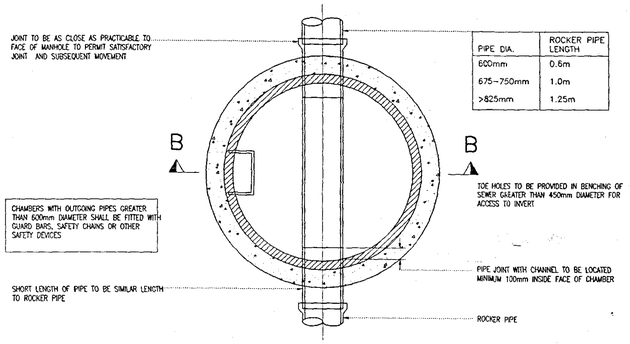
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SECTION B–B



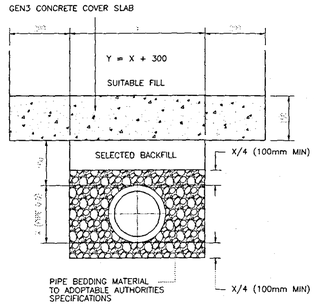
PIPE DIA.	ROCKER PIPE LENGTH
600mm	0.6m
675–750mm	1.0m
>825mm	1.25m

SECTION BB–BB

ADOPTABLE MANHOLE TYPE B FOR ANGLIAN WATER

DEPTH TO SOFFIT OF PIPE – 1.35m TO 3.0m

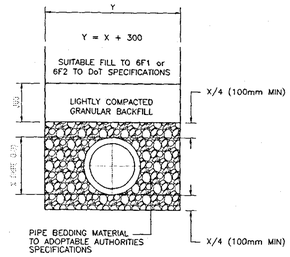
SCALE 1:25



TYPE S PIPE BEDDING WITH CONCRETE SLAB PROTECTION

(Granular bed & surround)

NOT TO SCALE



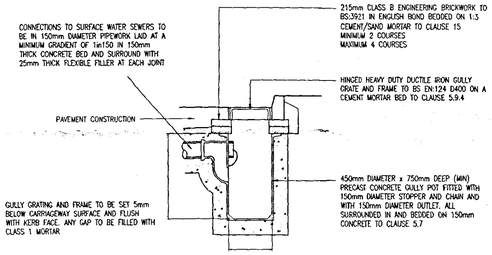
TYPE S PIPE BEDDING

(Granular bed & surround)

NOT TO SCALE

NOTE :
ALL PIPE BEDDING MATERIAL TO BE IMPORTED GRANULAR MATERIAL.

ALL MANHOLE COVERS AND FRAMES ARE TO BE DUCTILE IRON CLASS D400 COMPLYING WITH BS EN 124: 1994.

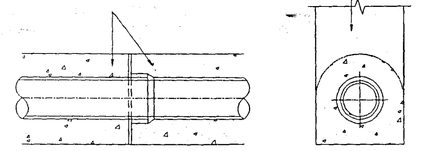


TYPICAL ROAD GULLY DETAIL

SCALE 1:25

150mm MINIMUM GEN3 CONCRETE SURROUND DIVIDED WITH 25mm THICK COMPRESSIBLE BOARD AT EACH JOINT. PROTECT PIPE JOINT FROM THE INGRESS OF CONCRETE BY WRAPPING WITH POLYTHENE SHEET OR ADHESIVE TAPE.

SUITABLE FILL COMPACTED IN LAYERS NOT EXCEEDING 150mm THICKNESS.



SIDE ELEVATION CROSS SECTION

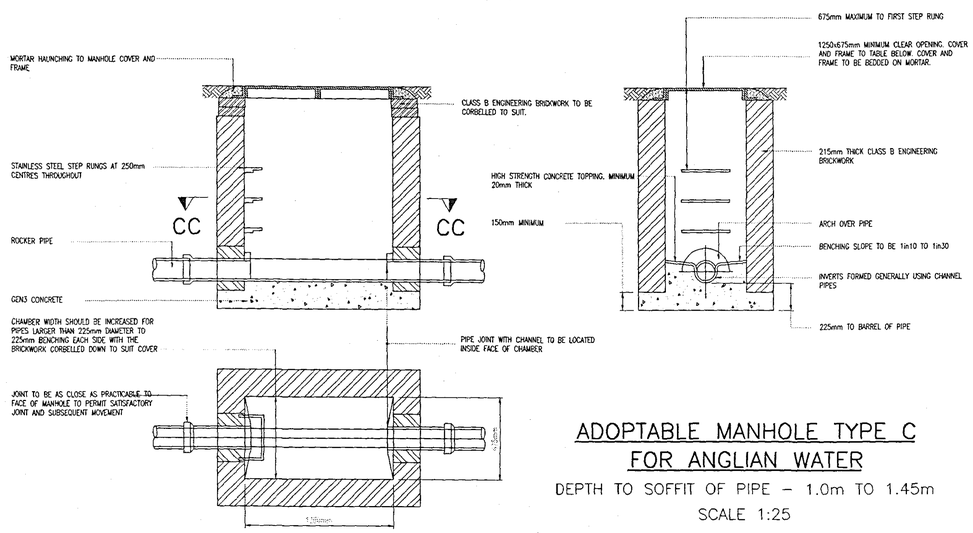
TYPE Z BEDDING

(Concrete surround)

NOT TO SCALE

Notes

1. THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL OTHER DARWINGS AND SPECIFICATIONS.
2. THE SPECIFICATION IN ALL RESPECTS SHALL BE IN ACCORDANCE WITH THE CURRENT LINCOLNSHIRE DESIGN GUIDE FOR RESIDENTIAL AREAS AND 'DEVELOPMENT ROAD AND SPEVIFICATION AND CONSTRUCTION'. PUBLICATIONS IN FORCE IN THE COUNTY AT THE TIME OF CONSTRUCTION.
3. SUB BASE TO BE SPREAD EVENLY ON THE FORMATION IN LAYERS NOT MORE THAN 150mm COMPACTED THICKNESS, WITHOUT DRYING OUT OR SEGREGATION.
4. THE FULL THICKNESS OF THE SUB–BASE SHALL BE CONTINUED FOR A DISTANCE OF 150mm BEYOND THE LIMITS OF THE KERB FOUNDATIONS.
5. ALL KERBS TO BE TO BS 7263 PART 1.
6. WORKS WITHIN THE HIGHWAY TO BE IN ACCORDANCE WITH THE REQUIREMENTS OF, AND TO THE SATISFACTION OF THE HIGHWAY AUTHORITY (LINCONSHIRE COUNTY COUNCIL).
7. ALL COMPONENTS AND MATERIALS ARE TO BE MANUFACTURED AND SUPPLIED IN ACCORDANCE WITH THE RELEVANT BRITISH STANDARDS, AND LAID AND BACKFILLED IN ACCORDANCE WITH MANUFACTURERS INSTRUCTIONS AND THE RELEVANT BRITISH STANDARDS.
8. THE CONTRACTOR IS RESPONSIBLE AND LIABLE FOR ENSURING THE STABILITY OF THE WORKS AND SERVICES AT ALL STAGES OF CONSTRUCTION.
9. THE EXCAVATIONS AND SURROUNDING SITE SHALL BE KEPT FREE OF WATER.
10. EXISTING SERVICES ARE TO BE PROTECTED IN ACCORDANCE WITH THE REQUIREMENTS OF THE RELEVANT STATUTORY AUTHORITIES.
11. CONCRETE MIX DESIGNATIONS SHOWN ON THIS DRAWING ARE TO BS: 5328.



SECTION CC–CC

ADOPTABLE MANHOLE TYPE C FOR ANGLIAN WATER

DEPTH TO SOFFIT OF PIPE – 1.0m TO 1.45m

SCALE 1:25

TABLE A SHOWING CHAMBER DIAMETERS FOR MANHOLES TYPE A AND B

DIAMETER OF LARGEST PIPE IN MANHOLE (mm)	CHAMBER SECTION DIAMETER (mm)
LESS THAN 375	1200 (1050 WHERE DEPTH TO SOFFIT IS 1.35m – 1.5m)
375–450	1350
500–700	1500
750–900	1800

PERMITTED PIPE/BEDDING TYPES

	DEPTH OF COVER BELOW ROADS	
	1.2m–3.5m	1.2m–3.5m
PIPE BEDDING	TYPE S	TYPE S
PIPE TYPE	CONCRETE CLASS M TO BS:5911	VITRIFIED CLAY TO BS:65, WITH FLEXIBLE JOINTS SUPER STRENGTH CLASS FOR 225 AND 300mm. EXTRA STRENGTH CLASS FOR ALL OTHER SIZES.
	0.9m–1.2m TYPE S + 150 CONC. SLAB CONCRETE CLASS M TO BS:5911 AND VITRIFIED CLAY TO BS:65	<0.9m TYPE Z CONCRETE CLASS M TO BS:5911 AND VITRIFIED CLAY TO BS:65

SHDC
Planning & Development
- 6 SEP 2005
Ref: 12738/05

REV	DATE	REMARKS
A	19.05.04	DRAWING STATUS AMENDED

STATUS TECHNICAL APPROVAL

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PROJECT
Proposed Residential Development at Cowley Road Donington

TITLE
ADOPTABLE HIGHWAY DETAILS SHEET 2 OF 2

DATE	Jan 2005	SCALE	AS SHOWN
DRAWN	SRC	CHECKED	
DESIGN	SRC	FILENAME	SRC 40304

DRG No. 40304/05 REV A

DETERMINED PLANNING

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