FOOTWAY

Surfacing — 50mm compacted thickness of 20mm nominal size Dense Bitumen base course to BS 4987 Part 1 Clause 6.5 100 Pen

Surfacing 25mm of 6mm nominal size Dense Bitumen wearing course to BS4987 Part1 Clause 7.5 100/200 Pen

CARRIAGEWAY

Surfacing Wearing Course — 40mm of 10mm close graded bitumen wearing course 100 Pen binder

Base Course — 100mm of 20mm nominal size Dense Bitumen Basecourse to BS4987 Part1 Clause 6.5 100 pen laid in two layers

Base — 100mm of DoT Type 1 Min Insitu CBR 80% 380mm of DoT Type 1 for Garage Access's

Sub-grade — to be rolled and shaped to correct profile and treated with an approved granular weedkiller of the pre emergent type

Sub-base — Between 450 & 260m compacted thickness of DTp Type 1 dependant on site CBR values laid on a Geotextile to LCC approval

Sub-grade — Soft spots to be removed and suitable material rolled in, in 150mm thick layers. Sub-grade to be compacted with a roller of approved type and weight to profiles and shape, treated with a granular weedkiller of the pre-emergent type.

Notes

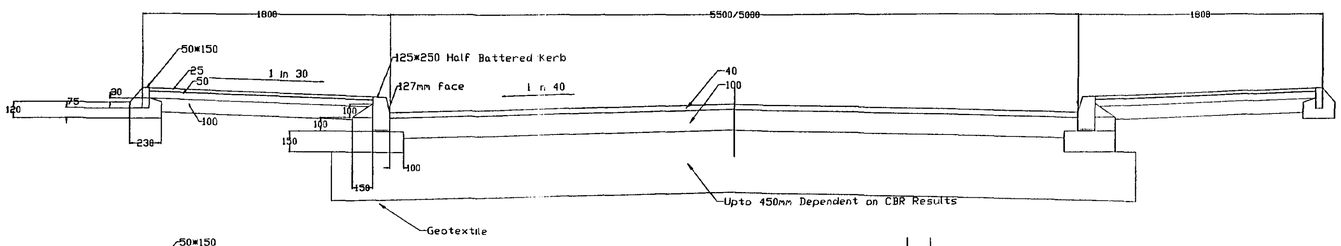
1) The sub-base thickness shown may be amended at the discretion of the County Surveyor

2) Gully Pots to be salt glazed stoneware to BS497 or PCC to BS 556 min. 750 deep * 450 int Dia with 150 Dia trapped outlet with stoppered rodding eye all bedded and surrounded in 150mm of C15p concrete. Gully Gratings and Frames to be to EN 124, Group 4 (Class D400) gully covers shall be hinged but not removable and shall have a nominal width of 450mm with min area of waterway of 900 sq cm. 150mm Dia connecting pipe to sewer to be be surrounded by 150mm of C15P concrete if within 1.2m of Road surface. Invert of discharge pipe to be at least 200mm below formation level.

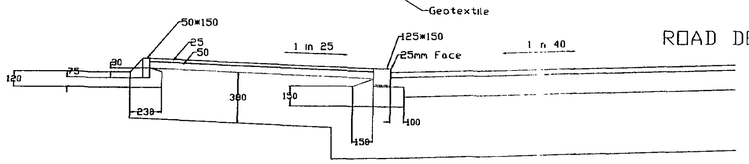
3) Kerbs — 250 * 125 PC kerbs showing 127mm face bedded on mortar with a 100mm toe to the bean face and backed with 150mm of concrete to within 50mm of the top of kerb. Kerb bean to be 375 * 150mm min. thickness of C15P Concrete
150 * 125 PC kerbs to be used on garage accesses showing 25mm face all bedded and backed as above.

4) Edgings — 150 * 50 PC edgings bedded on 230 * 75mm thick C15P concrete and backed (both sides) with concrete to within 75mm of the top on the path side and to the top on the out side.

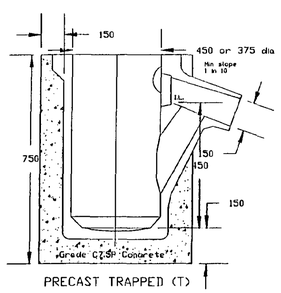
5) DoT Type 1 :- Crushed Limestone is not permitted within 600mm of the finished surface



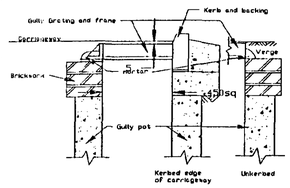
ROAD DETAIL



GARAGE ACCESS DETAIL



PRECAST TRAPPED (T)

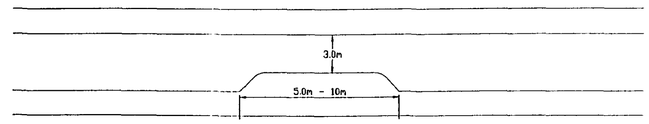


GRATING DETAIL

GULLY DETAIL

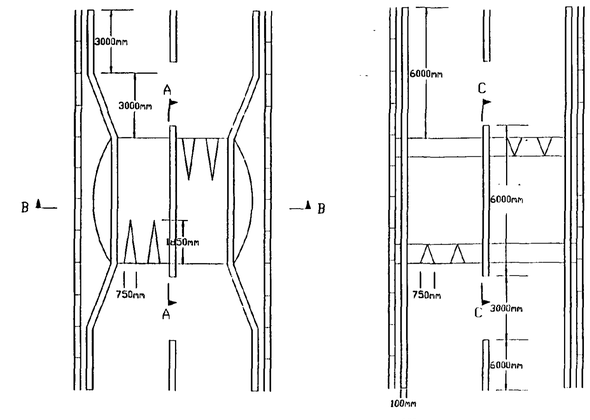
SPEED RESTRAINT MEASURES

BUILD OUT



ROUND TOP HUMP WITH TAPERED SIDES

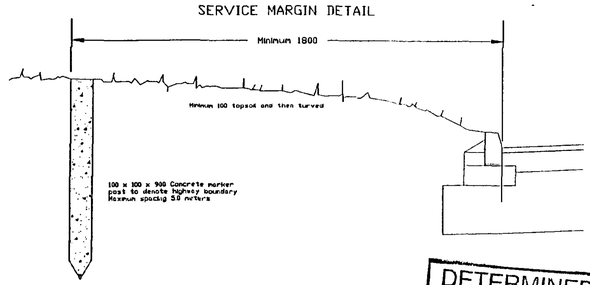
FLAT TOP HUMP FULL WIDTH



* Depth may vary between 50mm and 100mm but shall remain constant on each hump.

** Width may vary between 150mm and 300mm but shall remain constant on each hump.

SERVICE MARGIN DETAIL



DETERMINED PLAN
HCC
14 FEB 2001
Ref 9761/2

REV	DATE	DESCRIPTION/REASON FOR ISSUE	ORIG	CHKD	APPR
A	11/96	SPEED RESTRAINTS ADDED			

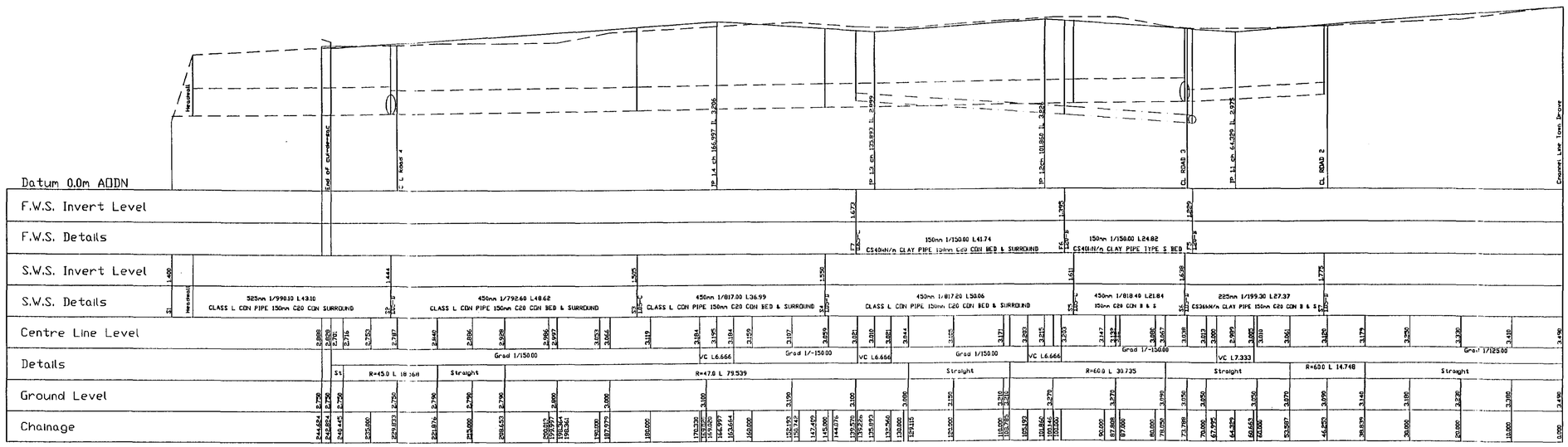
MTC
The Michael Thomas Consultancy
162 High Street, Newmarket
Suffolk CB8 9AQ
Tel(01638) 560514 Fax(01638) 660516

TITLE

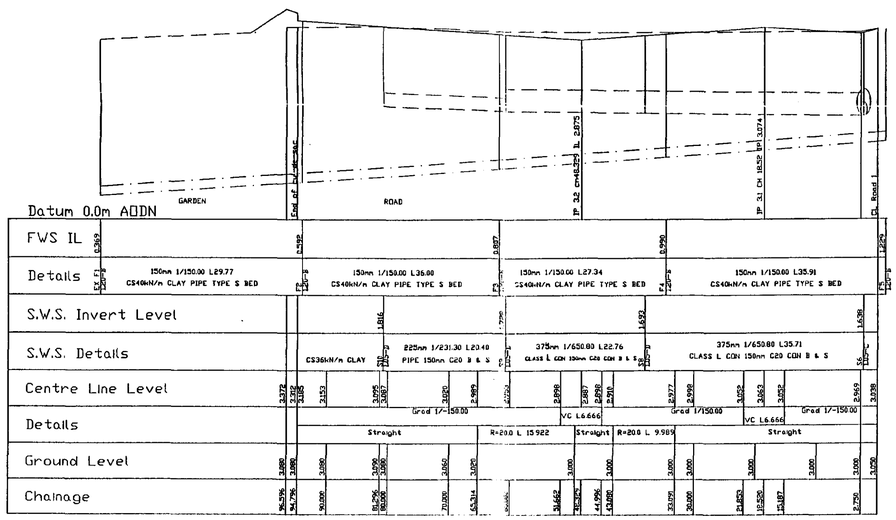
Standard Details
Lincolnshire
Estate Road Details

ORIG	DATE 3/96	
CHKD	SCALE NTS	
APPR	FILE	
JOB NO -	DRAWING NO SDL1	REV A

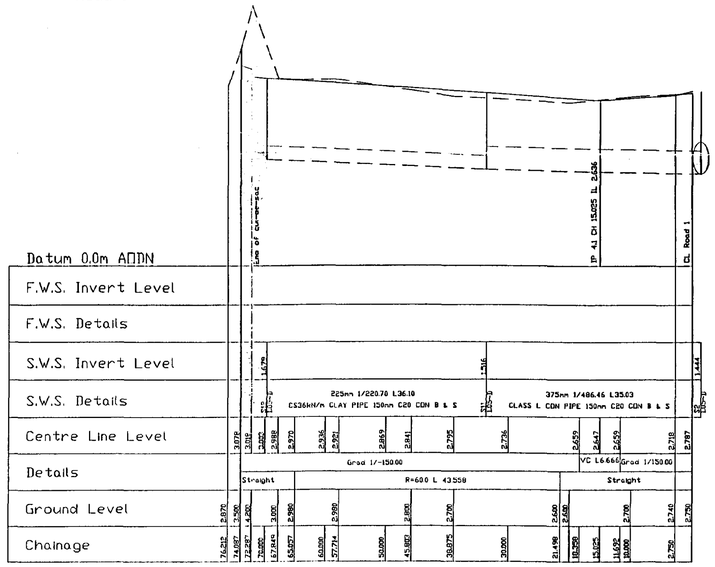
LINCOLNSHIRE ESTATE ROAD DETAILS



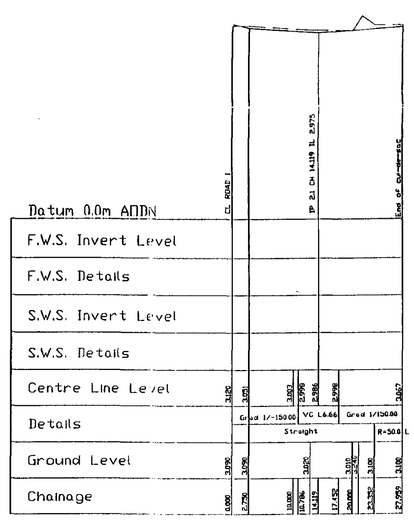
Road 1



Road 3



Road 4



Road 2

REV	DATE	DESCRIPTION/REASON FOR ISSUE	ORIG	CHKD	APPR
A	6/96	Start Levels Roads 2,3&4 Revised			

DETERMINED PLAN

SOUTH CAMBRIDGESHIRE DC
HOUSING & PLANNING
14 MAR 2001
Ref: S/0161/01

MTC
The Michael Thomas Consultancy
162 High Street, Newmarket
Suffolk CB8 9AQ
Tel(01638) 560514 Fax(01638) 660516

TITLE
Bennett Plc
Town Drove Quadring
Longitudinal Sections

ORIG –	DATE 3/96
CHKD	SCALE H 1/500 1/50
APPR	FILE
JOB NO –	DRAWING NO 17796/3
	REV A



Notes
Sewerage
1) All adoptable sewers to be constructed in accordance 'sewers for adoption' 4th Edition or the W.C.A. unless otherwise instructed.
2) Surface water from roofs and roads to be discharged to surface water sewer.
3)All drives to drain away from highway boundary Gully pots to be provided in all drive low spots.
4) Road gully pots connections only to be adopted by Lincolnshire County Council as highway Authority.
5) Surface water sewers to be adopted by Anglian Water Services Limited.
6) Sulphate resisting cement to be used for all insitu & precast concrete.
7) Public Sewers to be 3m away from any outomas.

Highways
31) All adoptable highway to be constructed in accordance with "Development Road specification and Construction 1991" issued by Lincolnshire County Council or any updated edition.
32) No trees to be planted within 1.5m of the centre line of carriageway.
33) Road crossings are to be provided at every junction and shall consist of 2 No. 125mm x 150mm dropped kerb laid with a 25mm upstand above the carriageway and two purpose made dropper kerbs.
34) Vehicle crossings shall be provided for all drive entrances and shall be a minimum of 3.6 m wide using 125mm x 150mm precast concrete kerbs to BS 340. 1979 Fig 2(a) with a 25mm upstand and two purpose made dropper kerbs. If less than 3 No full face kerbs between acess points then the whole to be laid as dropped kerbs.
35) Vehicle crossings - base shall consist of a compacted thickness of 380mm of DoT Type 1 Granular Sub-base.
36) Give way markings and any necessary signing to be agreed on site with the divisional surveyor.
37) All Pedestrian Crossing Points to have tactile paving provided as LCC Design Guide Part 3.16.3

DRAINAGE NOTES

All works to comply with Building Regulations. 1995

Road gully connections to be 150mm dia. clayware pipes.
Private drain connections to adoptable sewers to be clayware pipes.
Remaining private drains to be 110mm dia. U.P.V.C. or clayware unless otherwise stated.
All pipes, chambers and fittings to be installed, bedded and backfilled in accordance with the manufacturers instructions.
Private drains and sewers which pass adjacent to building foundations to be constructed in accordance with Part H1 of the Building Regulations.
All private drains to incorporate preformed inspection and shallow access chambers where possible.
Traditional chambers (private) to be constructed using precast concrete sections with 150mm concrete surround.

Depth to I.L.	Min. chamber size (Internal)
1.0m or less	450 x 450mm normally a preformed chamber 0.9m depth or less)
1.5m or less	1200 x 750mm or 1050mm dia.
Over 1.5m	1200 x 750mm or 1200mm dia.

Inspection chambers situated in drives to have Grade B covers and frames.
Inspection chambers situated in areas not subject to vehicular loading to have Grade C covers and frames.
Rainwater downpipes to be connected directly to surface water drain via 68/110mm adaptors, removable to allow for rodding.
Position of yard gullies shown in garage drives are nominal only and may be adjusted on site.

All drains in the vicinity of proposed trees to be constructed in accordance with the requirements of N.H.B.C. Practice Note 3.
All back inlet gullies to be rodgable.

DRAINAGE LEGEND

	Storm	Foul
Existing foul water sewer		
Existing surface water sewer		
Proposed foul water sewer		
Proposed surface water sewer		
Proposed backdrop		
Proposed foul water drain		
Proposed surface water drain		
Proposed inspection chamber (traditional).		
Proposed preformed inspection chamber (depth 900mm or less).	◑	◑
Proposed preformed inspection chamber (depth 600mm or less).	○	●
Proposed shallow access chamber	⊗	⊗
Proposed rodding eye	RE	RE
Proposed chamber invert level		
Proposed gully (Gullies in garage drives to be trapped).		▪
Suspended slab, where appropriate		
Proposed slab level	FL2.750	
Proposed soakaway		
Proposed Vacuum Point as IC	VP	
Extra Facing Brick Courses Required		
Boundary Wall		

STREET LIGHTING

LIGHTING DESIGNED TO COMPLY WITH BS 5489 Part 3 Cat 3

6 metre column with post top mounted lantern to Appendix 14/2 Sheet 2 :-
- Philips SGS 305 TB Pos. 9X tilted at 15°
  Set back 1.6 metres BS 5489 Cat 2/3

5 metre column with post top lantern to Appendix 14/2 :-
- Philips ME 50 TB Pos. 3 or equivalent
  Set back 1.6 metres from the kerb face. BS 5489 Cat 3/3
  See Appendices 13/1, 13/2, 14/1, 14/2, 14/4, & 19/3

INSTALLATION TO BE CARRIED OUT IN ACCORDANCE WITH LINCOLNSHIRE COUNTY COUNCIL STREET LIGHTING SPECIFICATION

All street lights to be provided with REC supplies

DETERMINED PLAN

SOUTH HOLLAND DC
HOUSING & PLANNING
15 JUN 2001
Ref: H15/0576/01

REV	DATE	DESCRIPTION/REASON FOR ISSUE	ORIG	CHKD	APPR
E	9/00	Streetlights amended			
C	7/96	Note 37 Added Margin Alt			
B	7/96	Streetlights amended			
A	6/96	Adjustment to Drainage Runs			

MTC
The Michael Thomas Consultancy
162 High Street, Newmarket
Suffolk CB8 9AG
Tel(01638) 560514 Fax(01638) 660516

TITLE
BROADGATE HOMES LTD
Town Drove Quadring
Layout

ORIG	DATE 3/96	
CHKD	SCALE 1/500	
APPR	FILE	
JOE NO -	DRAWING NO 17796/2	REV D

MASTER COPY