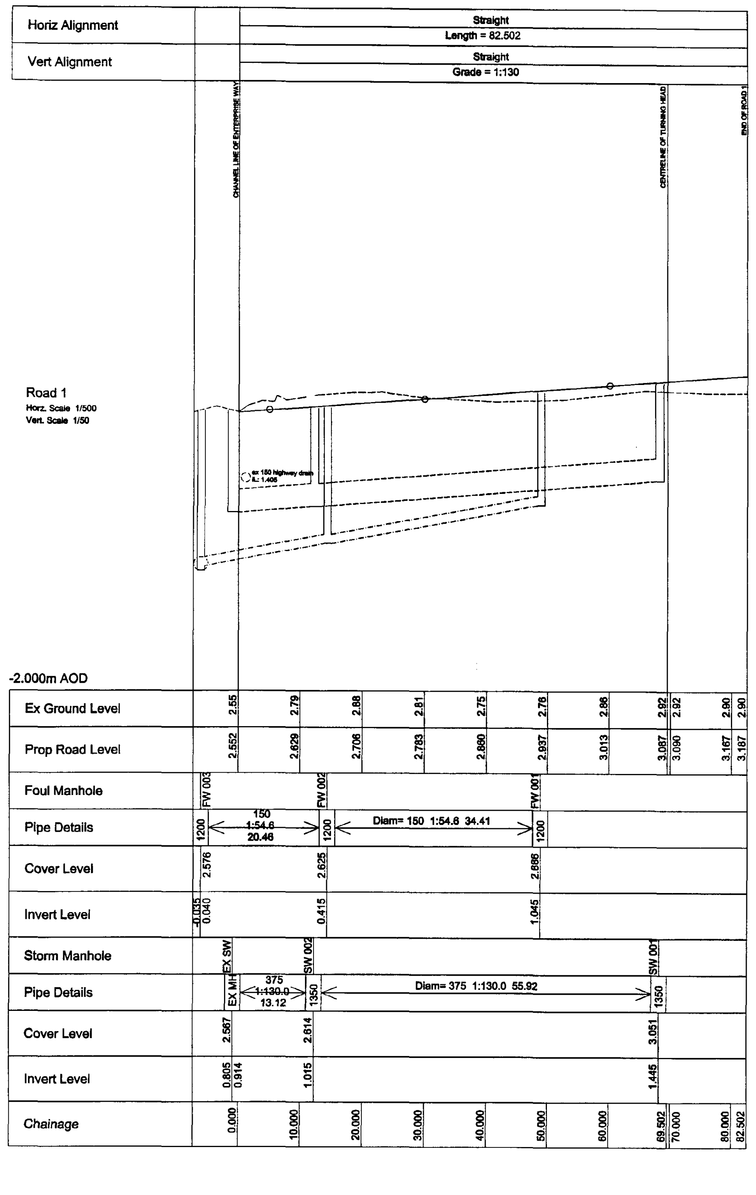
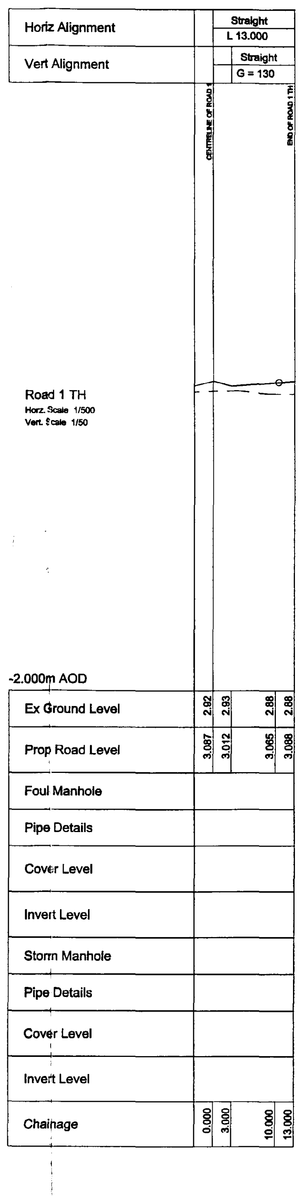
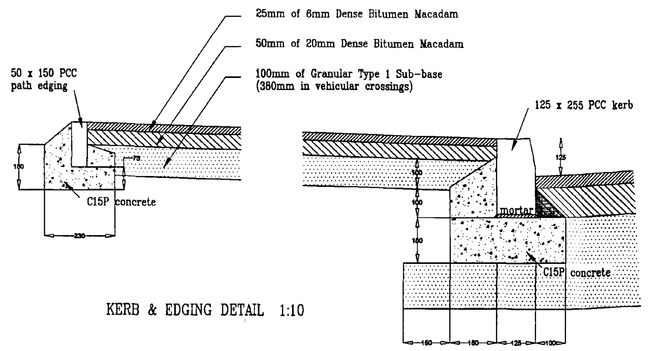




NOTE:
THE SPECIFICATION SHALL IN ALL RESPECTS BE TO THE CURRENT DEVELOPMENT ROAD LAYOUT GUIDE AND SPECIFICATION IN FORCE IN THE COUNTY AT THE TIME OF CONSTRUCTION.



KERB & EDGING DETAIL 1:10

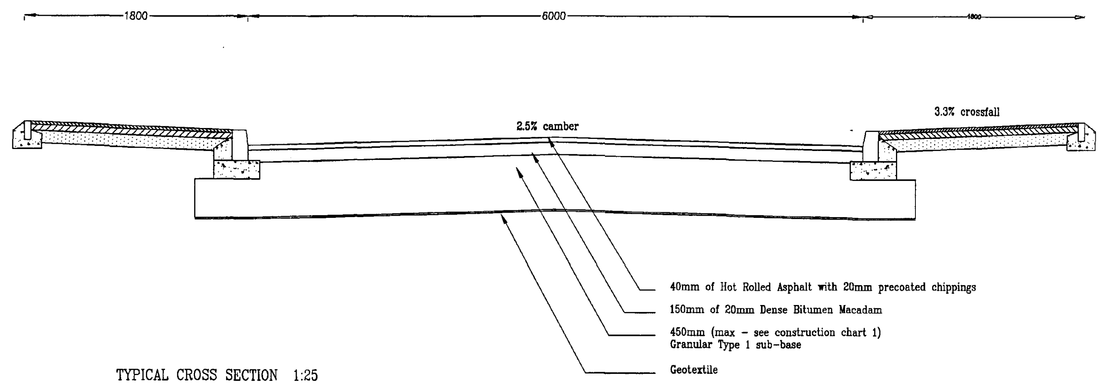
CONSTRUCTION CHART 4 (ROADS UP TO 2.0 m.s.a. – NORMAL FLEXIBLE CONSTRUCTION)

SUBGRADE	SUB-BASE (mm)				SURFACING (mm)		TOTAL THICKNESS REQUIRED			
BEARING CAPACITY (CBR)	FROST SUSCEPTIBLE SUBGRADE		NON-FROST SUSCEPTIBLE SUBGRADE		Basecourse	Wearing Course	FROST SUSCEPTIBLE SUBGRADE		NON-FROST SUSCEPTIBLE SUBGRADE	
	With Geotextile	Without Geotextile	With Geotextile	Without Geotextile			With Geotextile	Without Geotextile	With Geotextile	Without Geotextile
Below 2%	450+	600*	450+	600*	150	40	640	790	640	790
2%	280	380	280	380	150	40	470	570	470	570
3%	260	280	230	280	150	40	450	470	420	470
4%	260	260	160	190	150	40	450	450	380	410
5%	260	260	150	150	150	40	450	450	340	340
6–20%	260	260	150	150	150	40	450	450	340	340
Above 20%	260	260	150	150	150	40	450	450	340	340

* Assumes no improvement is possible using sub-soil drainage techniques. 600mm is 300mm Granular Fill and 300mm Sub-base

\+ 450mm is 450mm Sub-base

Geotextiles shall conform with the Specification requirements



TYPICAL CROSS SECTION 1:25

ALL IRONWORK WITHIN THE HIGHWAY SHALL CONFORM TO EN124,GRP 4 (CLASS D400). ALL GULLIES SHALL BE HINGED BUT NON-REMOVABLE AND SHALL HAVE A NOMINAL WIDTH OF 450mm WITH A MINIMUM AREA OF WATERWAY OF 900cm .

NOTES:

ALL SEWERS TO BE CONSTRUCTED TO SEWERS FOR ADOPTION 4TH EDITION.

STORM GULLY CONNECTIONS
TO BE 150mm dia. LAID NO FLATTER THAN 1:100.

FOUL BRANCH CONNECTIONS TO BE 150mm dia. LAID NO FLATTER THAN 1:100.

ALL BRANCH CONNECTIONS AND GULLY CONNECTIONS LAID SOFFIT TO SOFFIT.

O DENOTES GULLY LOCATION ON LONG SECTION

DENOTES PRAM CROSSING LOCATION WITH TACTILE PAVING

ALL CARRIAGEWAY MARKINGS AND SIGNING TO BE PROVIDED AT THE DISCRETION OF THE DIVISIONAL SURVEYOR.

ALL PIPES WITH COVER EXCEEDING 1.2m TO BE CLASS M WITH GRAVEL BED AND SURROUND.

ALL CLAY PIPES (KITD) TO BE EXTRA STRENGTH WITH GRAVEL BED AND SURROUND.

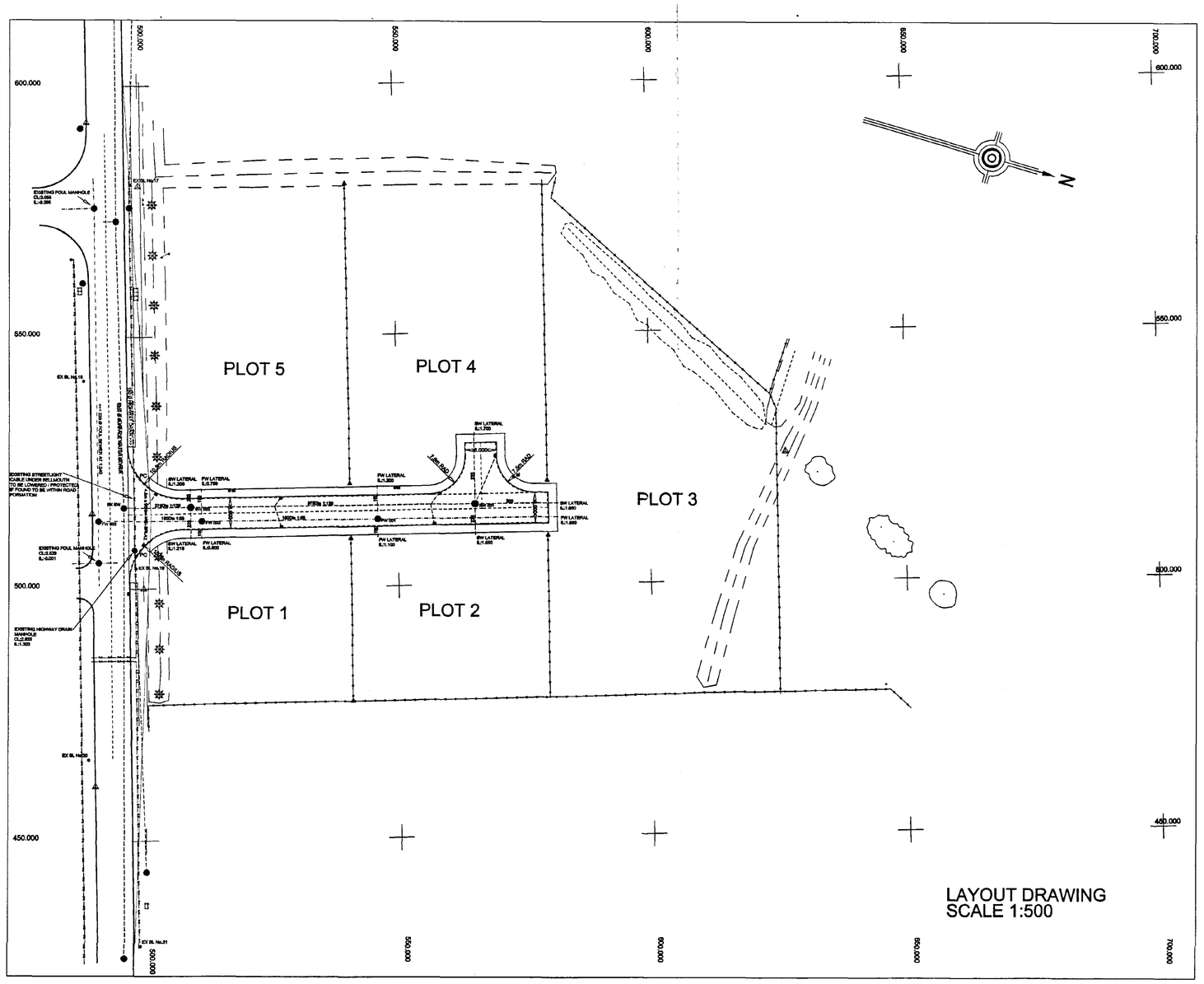
ALL PIPES WITH COVER LESS than 1.2m TO BE CLASS M WITH CONCRETE BED AND SURROUND.

ALL CLAY PIPES (KITD) TO BE EXTRA STRENGTH WITH CONCRETE BED AND SURROUND.

PRECAST CONCRETE PRODUCTS AND IN-SITU CONCRETE TO CONTAIN A MINIMUM CLASS 3 (U.S).

ALL MANHOLE COVERS TO BE 600x600 CLEAR OPENING IN ACCORDANCE WITH B.S. EN124 CLASS D400 AND EMBOSSED P/H OR SW AS APPROPRIATE.

STREETLIGHT TO LCC SPEC.
8m GALVANISED TUBULAR STEEL COLUMNS Gl C/W 1.0 BRACKET PHILIPS 60SDS150/T10/1 LANTERN (POS 0)
BELL 9H I PEC 70 LUX
ALL COLUMNS AND SIGNS TO BE PROVIDED WITH K.L.C. SUPPLIES AND LCC TERMINATION TYPE A (SD1/4AA)
ALL COLUMNS AND SIGNS TO BE SITED WITHIN THE ADOPTABLE HIGHWAY AND GENERALLY IN ACCORDANCE WITH APPENDIX H OF THE LCC DESIGN GUIDE FOR RESIDENTIAL AREAS 1998.
COLUMNS SHALL NOT BE INSTALLED WITHIN DROPPED KERB AREAS WITHOUT PRIOR AGREEMENT FROM THE STREET LIGHTING ENGINEER.


PLOT 5
PLOT 4
PLOT 3
PLOT 1
PLOT 2
EXISTING FOUL MANHOLE CL2.228 IL=2.021
EXISTING HIGHWAY DRAIN MANHOLE CL2.205 IL=1.705
EX IL 1m24
EX IL 1m24
EX IL 1m21
2 EX IL 1m21
FW LATERAL IL=2.200
FW LATERAL IL=2.100
FW LATERAL IL=2.000
FW LATERAL IL=1.900
SW LATERAL IL=2.200
SW LATERAL IL=2.100
SW LATERAL IL=2.000
SW LATERAL IL=1.900
FW LATERAL IL=2.100
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1350 SW
1200 FW
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