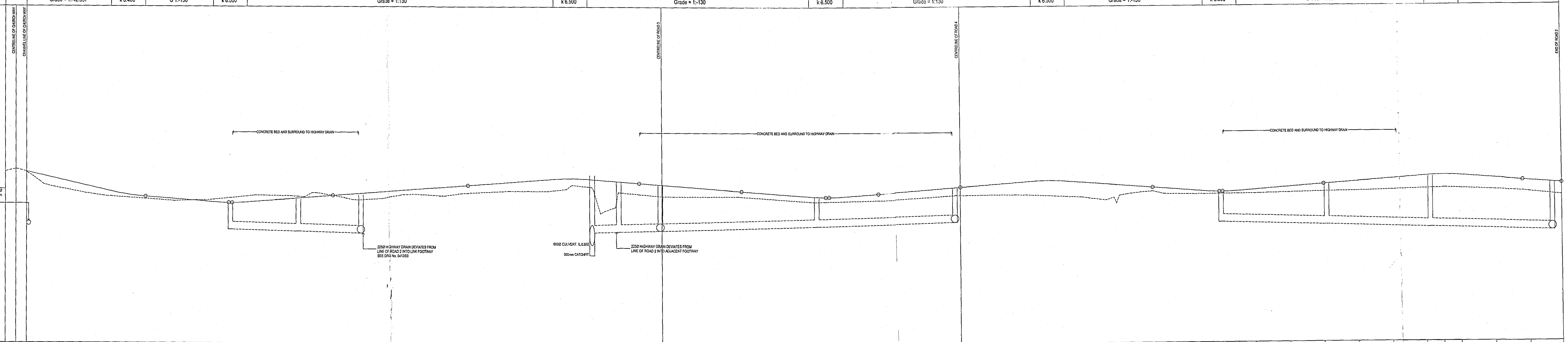
Road 2
Horz. Scale 1/500
Vert. Scale 1/50

Horiz Alignment: Straight, Length = 71.507 | Circular Arc, Radius = -25.500 | Straight, Length = 32.773 | Circular Arc, Radius = 33.000 | Straight, Length = 29.609 | Circular Arc, Radius = 100.000 | Straight, Length = [illegible] | Circular Arc, Radius = 42.000 | Circular Arc, R -46.420 | Straight, L 13.820 | Circular Arc, Radius = 150.000 | Straight, L 5.898 | Circular Arc, Radius = 45.000 | Circular Arc, Radius = 62.737 | Straight, L 20.920

Vert Alignment: Straight, Grade = 1:-42.857 | Sag, k 6.400 | Straight, G 1:-130 | Sag, k 6.500 | Straight, Grade = 1:130 | Hog, k 6.500 | Straight, Grade = 1:-130 | Sag, k 6.500 | Straight, Grade = 1:130 | Hog, k 6.500 | Straight, Grade = 1:-130 | Sag, k 6.500 | Straight, Grade = 1:130 | Hog, k 6.500 | Straight, Grade = 1:-130



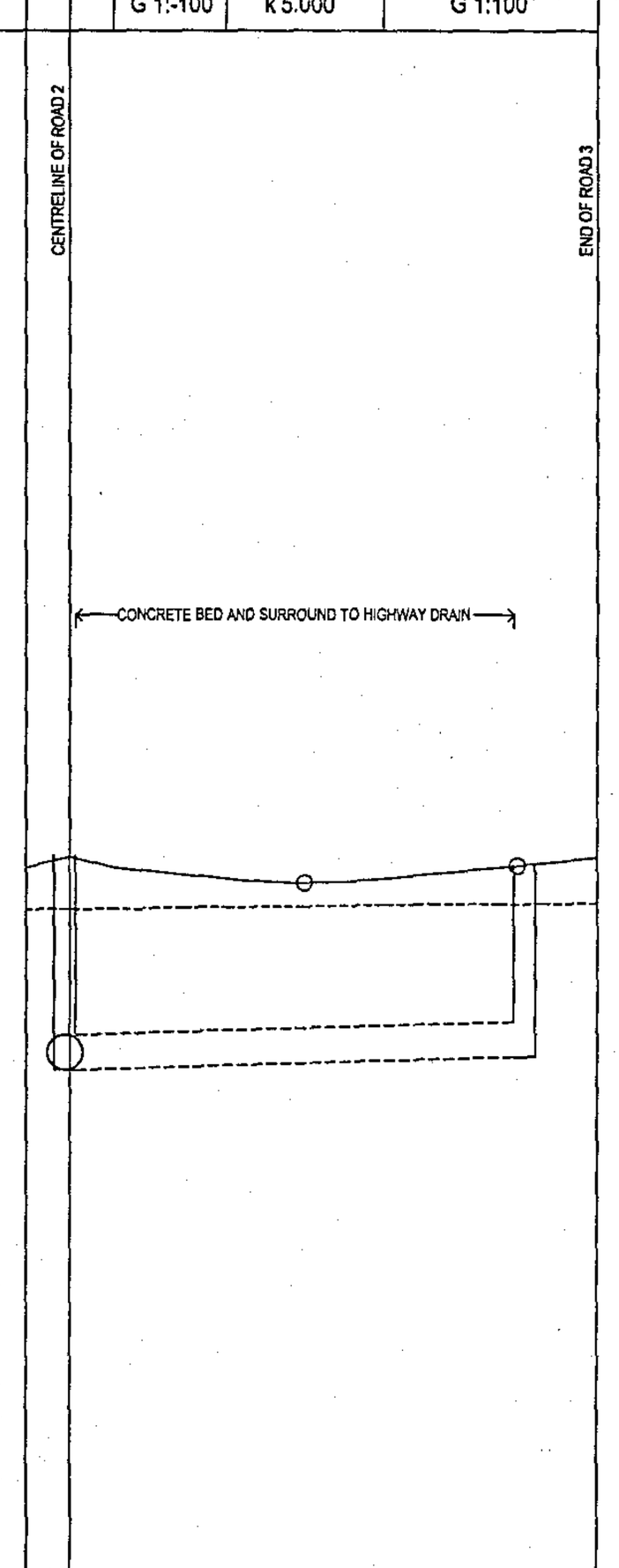
Chainage	Ex Ground Level	Prop Road Level
0.000	3.09	3.090
10.000	2.60	2.857
20.000	2.42	2.623
25.000	2.36	2.507
30.000	2.32	2.410
35.000	2.29	2.352
40.000	2.25	2.313
50.000	2.25	2.236
55.000	2.27	2.198
60.000	2.32	2.178
65.000	2.37	2.198
70.000	2.39	2.236
80.000	2.36	2.313
90.000	2.39	2.390
100.000	2.28	2.467
110.000	2.40	2.544
120.000	2.40	2.621
130.000	2.47	2.698
140.000	2.52	2.775
150.000	2.52	2.851
155.000	2.55	2.890
160.000	2.69	2.909
165.000	2.66	2.890
170.000	1.95	2.851
180.000	2.45	2.775
186.582	2.39	2.734
190.000	2.38	2.698
200.000	2.39	2.621
210.000	2.38	2.544
220.000	2.31	2.467
230.000	2.23	2.390
235.000	2.23	2.371
240.000	2.25	2.390
250.000	2.27	2.467
260.000	2.32	2.544
270.000	2.39	2.621
273.994	2.41	2.651
280.000	2.41	2.698
290.000	2.41	2.775
295.000	2.41	2.813
300.000	2.38	2.832
305.000	2.36	2.813
310.000	2.33	2.775
320.000	2.29	2.698
330.000	2.51	2.621
340.000	2.42	2.544
345.000	2.42	2.505
350.000	2.42	2.486
355.000	2.43	2.505
360.000	2.43	2.544
370.000	2.45	2.621
380.000	2.48	2.698
390.000	2.49	2.775
400.000	2.52	2.852
410.000	2.55	2.928
415.000	2.57	2.948
420.000	2.55	2.928
430.000	2.51	2.852
440.000	2.45	2.775
449.600	2.35	2.701

Storm Manhole	Pipe Details	Cover Level	Invert Level
S03	1350	2.157	1.389
	225 1:350.0 20.27		
S04	1350	2.276	1.331
	225 1:350.0 18.93		
S05	1350	2.408	1.277
MH03	1500	3.000	1.307
	225 1:350.0 7.95		
S11	1350	2.816	1.330
	225 1:350.0 11.84		
S10	1350	2.732	1.364
	Diam= 225 1:350.0 45.71		
S09	1350	2.369	1.495
	Diam= 225 1:350.0 40.32		
S08	1350	2.632	1.610
S13	1350	2.466	1.584
	225 1:350.0 30.78		
S14	1350	2.682	1.496
	225 1:350.0 30.56		
S15	1350	2.899	1.409
	225 1:350.0 35.83		
S16	1350	2.711	1.307

Road 3
Horz. Scale 1/500
Vert. Scale 1/50

Horiz Alignment: Str, L 8.479 | Arc, R -100.000 | Str, L 11.270

Vert Alignment: Str, G 1:-100 | Sag, k 5.000 | Straight, G 1:100



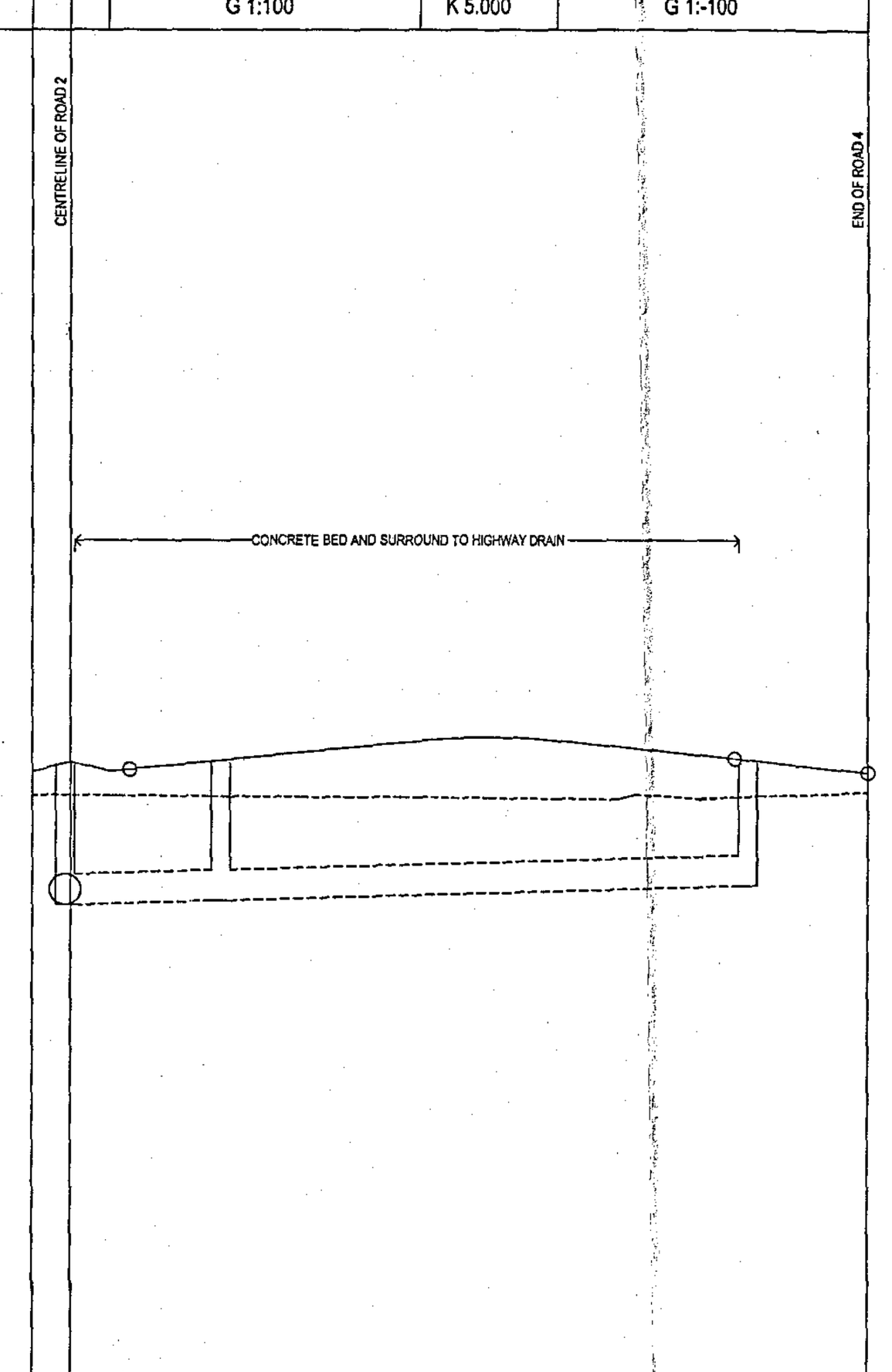
Chainage	Ex Ground Level	Prop Road Level
0.000	2.39	2.724
2.750	2.39	2.655
10.000	2.40	2.583
15.000	2.40	2.558
20.000	2.41	2.583
30.000	2.42	2.683
33.497	2.42	2.718

Storm Manhole	Pipe Details	Cover Level	Invert Level
S10	1350	2.732	1.364
	225 1:350.0 29.11		
S12	1350	2.666	1.447

Road 4
Horz. Scale 1/500
Vert. Scale 1/50

Horiz Alignment: Str, 3.337 | Arc, Rad = -20.000 | Circular Arc, Radius = 244.296 | Str, L 9.598

Vert Alignment: Straight, G 1:100 | Hog, K 5.000 | Straight, G 1:-100



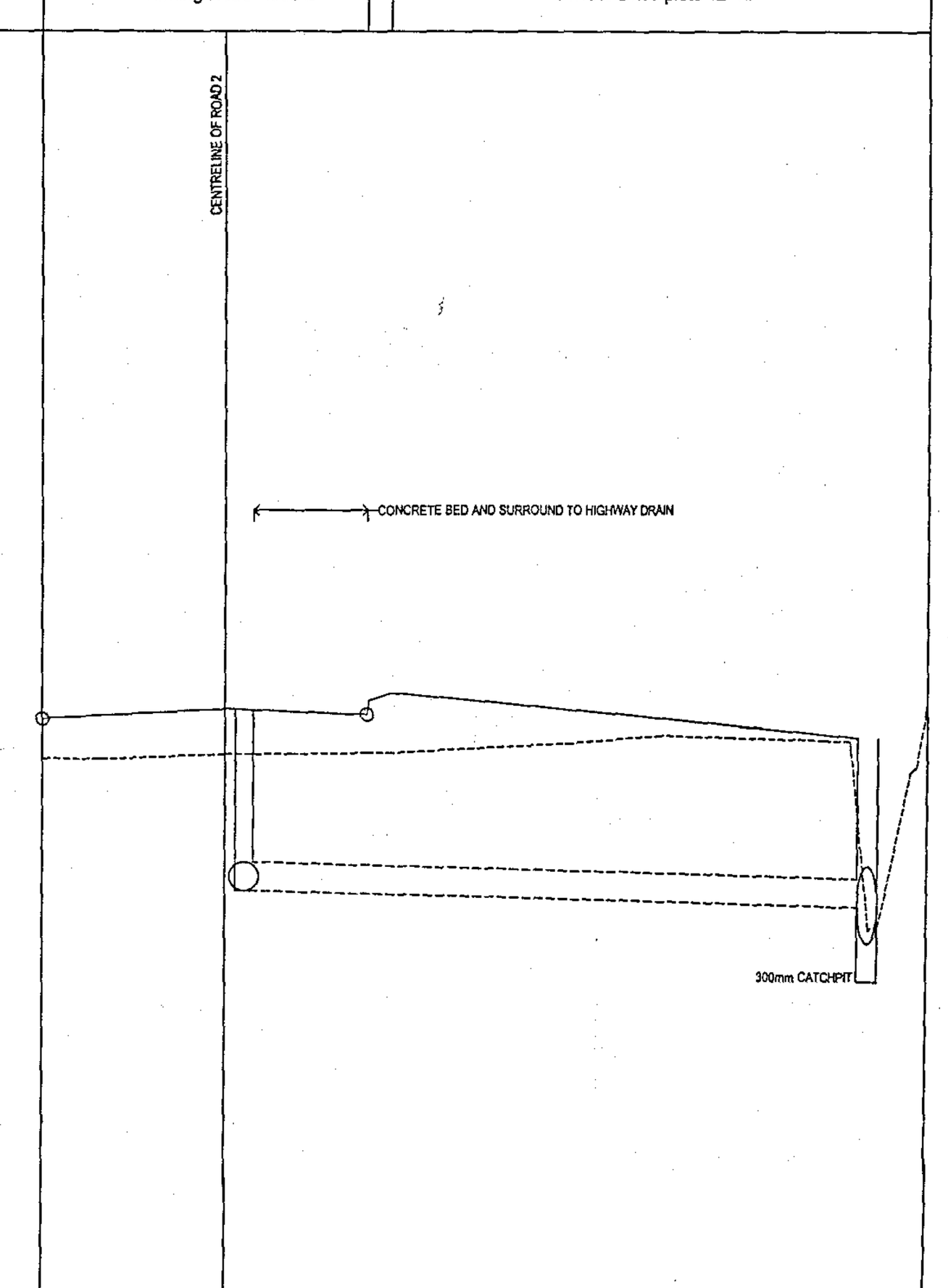
Chainage	Ex Ground Level	Prop Road Level
0.000	2.41	2.651
2.750	2.40	2.583
10.000	2.40	2.655
20.000	2.39	2.755
25.000	2.39	2.805
30.000	2.39	2.830
35.000	2.38	2.805
40.000	2.39	2.755
50.000	2.40	2.655
57.616	2.43	2.579

Storm Manhole	Pipe Details	Cover Level	Invert Level
S08	1350	2.632	1.610
	225 10.70		
S07	1350	2.644	1.641
	Diam= 225 1:350.0 38.03		
S06	1350	2.639	1.750

Highway Drain Easement
Horz. Scale 1/500
Vert. Scale 1/50

Horiz Alignment: Arc, R 22.231 | Straight, Length = 40.880

Vert Alignment: Turning Head Road 2 | Private Drive plots 42-45



Chainage	Ex Ground Level	Prop Road Level
0.000	2.34	2.647
10.000	2.36	2.700
14.035	2.37	2.722
20.000	2.38	2.697
24.794	2.38	2.678
24.929	2.38	2.787
30.000	2.40	2.835
40.000	2.46	
50.000	2.51	
60.000	2.48	
67.474	2.70	

Storm Manhole	Pipe Details	Cover Level	Invert Level
S16	1350	2.711	1.307
	Diam= 225 1:350.0 47.04		
MH12	1500	2.500	1.173 / 0.898

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NOTES:

ALL SEWERS TO BE CONSTRUCTED IN ACCORDANCE WITH THE PROCEDURES AND SPECIFICATIONS OF SEWERS FOR ADOPTION 5TH EDITION (JULY 2001), ADDITIONS AND DELETIONS TO SEWERS FOR ADOPTION 5TH EDITION (NOVEMEBR 2001) AND THE COMBINED ADDENDUM (JULY 2003).

STORM BRANCH CONNECTIONS TO BE 150mm dia. LAID NO STEEPER THAN 1:10 ANDNO FLATTER THAN 1:150.

GULLY CONNECTIONS TO BE 150mm dia. LAID NO FLATTER THAN 1:175.

FOUL BRANCH CONNECTIONS TO BE 150mm dia. LAID NO STEEPER THAN 1:10 AND NO FLATTER THAN 1:150.

ALL PIPEWORK TO BE LAID SOFFIT TO SOFFIT UNLESS OTHERWISE STATED.

ALL PIPES WITH COVER EXCEEDING 1.2m TO BE CLASS M WITH GRAVEL BED AND SURROUND.
ALL CLAY PIPES DITTO TO BE EXTRA STRENGTH WITH GRAVEL BED AND SURROUND.
ALL PIPES WITH COVER LESS THAN 1.2m TO BE CLASS M WITH CONCRETE PROTECTION.
ALL CLAY PIPES DITTO TO BE EXTRA STRENGTH WITH CONCRETE PROTECTION.

PRECAST CONCRETE PRODUCTS AND IN-SITU CONCRETE TO CONTAIN A MINIMUM CLASS 3 S.R.C.

STRUCTURAL CONCRETE TO BE IN ACCORDANCE WITH BS 5328 AND NOT TO BE LESS THAN GRADE FND2 WHEN REINFORCED AND GEN3 IN ALL OTHER SITUATIONS.

CAST CONCRETE SHALL BE FINISHED TO PRODUCE A "FAIR" SURFACE WHERE EXPOSED AND SHALL HAVE A "ROUGH" FINISH IN ALL OTHER SITUATIONS. (FINISHES AS DEFINED IN CIVIL ENGINEERING SPECIFICATION FOR THE WATER INDUSTRY - 4TH EDITION).

STEELWORK SHALL BE IN ACCORDANCE WITH BS4483.

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

MANHOLES ON SEWERS EXCEEDING 600mm DIAMETER TO BE FITTED WITH SAFETY CHAINS TO AWS DRG SD/S/05.

○ DENOTES GULLY POSITION ON LONG SECTION.

○○ DENOTES DOUBLE GULLY POSITION ON LONG SECTION.

DO NOT SCALE. USE FIGURED DIMENSIONS ONLY. CHECK ON SITE AND ALL DISCREPANCIES TO BE REPORTED TO GBM CIVILS - DESIGN & BUILD.

AMENDMENTS:

REF.	DESCRIPTION.	DATE.	BY.

CLIENT: ASHWOOD HOMES LTD

PROJECT: CHURCH WAY
TYDD ST MARY

TITLE: ROAD AND SEWER LONG SECTIONS
PHASE 2 BASED ON STATUS DESIGN LAYOUT
PLANNING PERMISSION REF H21/0067/00 - 25-JAN-00

SCALE: 1:500 1:50

DATE: NOVEMBER 2004

DRAWING No: 0412/07

DRAWN BY: [signature]

CHECKED BY: [signature]

DETERMINED PLAN

SHDC Planning & Development
0 8 DEC 2004
Ref: 1613/04

G | B | M
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