

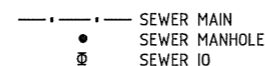
GENERAL NOTES

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- All surface and underground information has been located by field survey by Capricorn Surveys Gladstone and Shadforth's Civil, during construction.
- As this plan is presented in digital computer format no responsibility is accepted by Capricorn Surveys Gladstone for any alterations, amendments or additions to the plan. This note is an integral part of the plan.
- Types and classes of underground services are as per engineering design drawings by Worley Parsons Pty Ltd unless noted otherwise.
- Coordinate origin from Adopted origin coordinates MGA Zone 56
 PSM177594 East 319612.40 North 7357047.42
 PSM157198 East 319608.91 North 7357409.05
- AHD D from PSM95145 with adopted level of RL 57.996

SEWERAGE NOTES

- Refer to Sewer Line Table for main pipe details
- All house connections are 100ø uPVC Class SN10 UNO
- All pipe lengths are from wall of chamber to wall of chamber.
- All manholes have internal diameter of 1050.
- HC chainages shown from the centre of downstream pit.

SEWER LEGEND

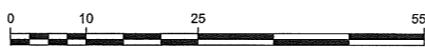


WORKS AS-CONSTRUCTED

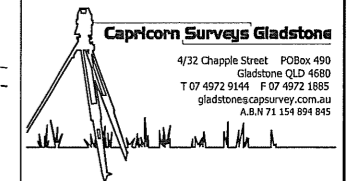
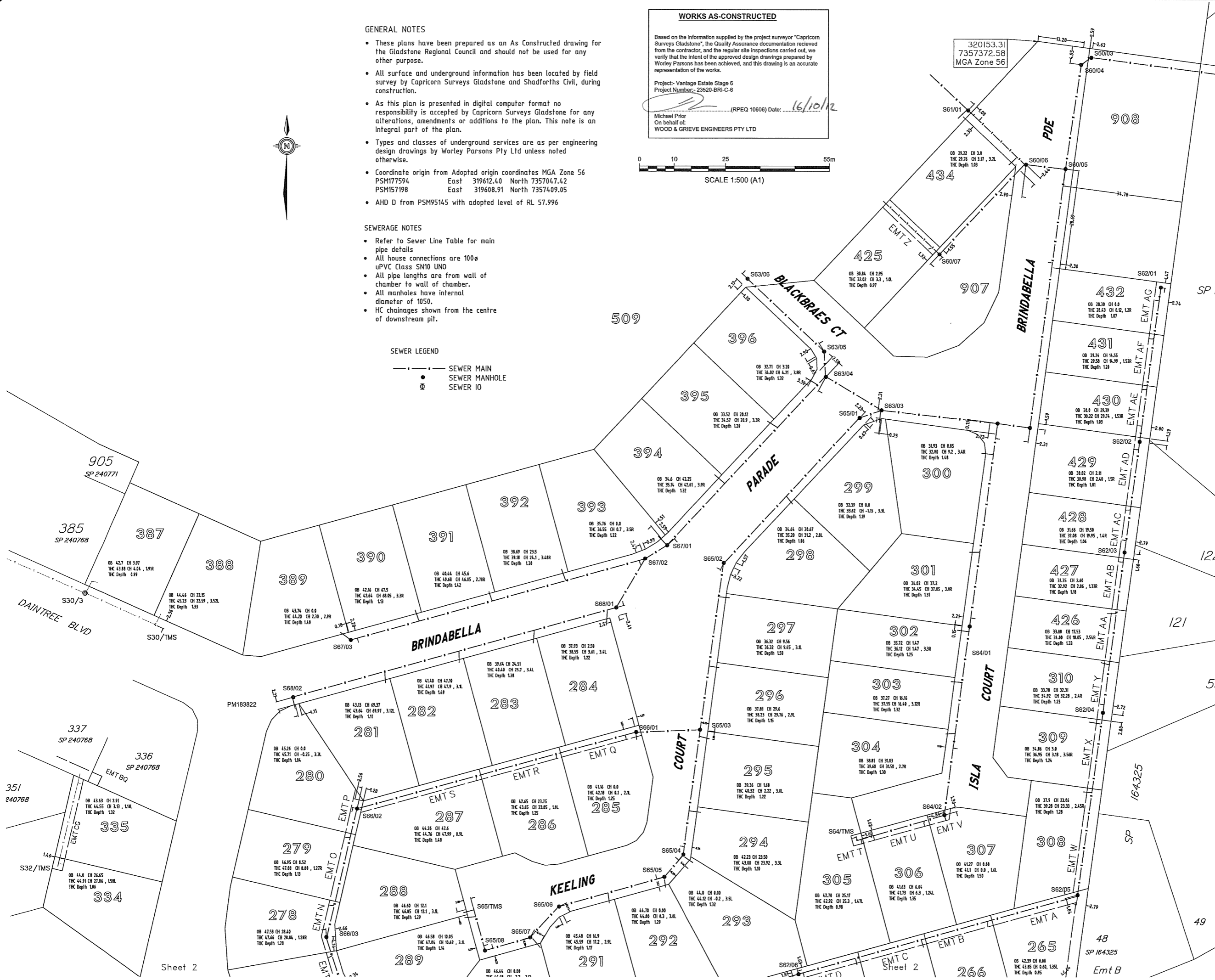
Based on the information supplied by the project surveyor "Capricorn Surveys Gladstone", the Quality Assurance documentation received from the contractor, and the regular site inspections carried out, we verify that the intent of the approved design drawings prepared by Worley Parsons has been achieved, and this drawing is an accurate representation of the works.

Project: Vantage Estate Stage 6
 Project Number: 23520-BRI-C-6

Michael Prior
 On behalf of:
 WOOD & GRIEVE ENGINEERS PTY LTD



SCALE 1:500 (A1)



PRINCIPAL
 Peet No 112
 Pty Ltd

PROJECT
 AS CONSTRUCTED
 INFORMATION
 VANTAGE ESTATE
 STAGE 6
 Sheet 1 of 2
Sewerage Layout

REAL PROPERTY DESCRIPTION
 Lot No: 256-258, 263-310, 334, 335, 387-396, 425-432, 434, 509, 906 & 907
 Plan: SP251455
 Map Ref.: 9150-32114
 Parish: Auckland
 County: Clinton
 Locality: New Auckland

REVISIONS	DATE	INITIALS
A- Original Issue	11/09/12	DES
B- Added depths & SL's	08/10/12	DES
C- Amended THC's	12/10/12	DES

FILE REF:	3493
VERSION:	28
DATA DISK:	GX
DATE:	12-10-12
FILE REF:	3493-ASC
DATA DISK:	Server
DATE:	11-09-12

SURVEYED: CSG
DRAWN: D.E.S.
QUALITY CH'D:
DATE: 11-09-12

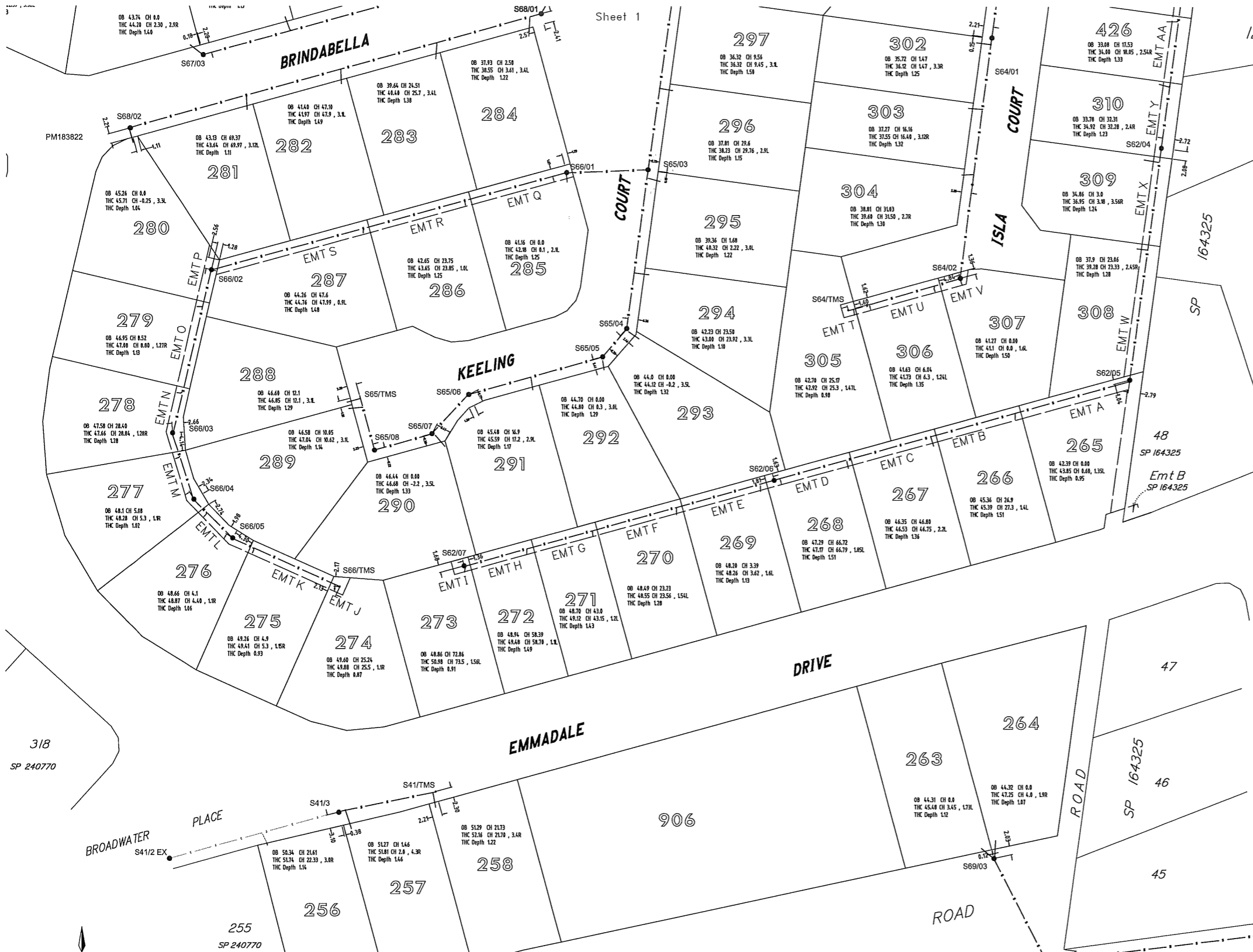
HORIZONTAL
 MGA Zone 56
VERTICAL
 AHD

SCALE
 1:500@A1

AUTHORISED BY _____ **DATE** _____

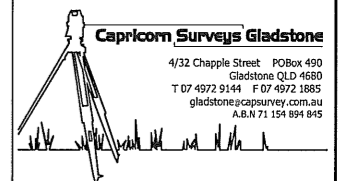
DIRECTOR
JOB NO. _____ **REV.** _____

3493-SEW-C (1/2)



Sheet 1

Structure	SL	Line	OSIL	USIL	Length	Grade %	Type		
S41-2EX	53.12	S41-2EX	-	S41-3	49.190	51.030	39.94	4.61	150 PVC
S41-3	53.15	S41-2EX	-	S41-TMS	51.050	51.310	22.15	1.17	150 PVC
S60-EX	28.44	S60-EX	-	S60-01	24.300	24.390	5.35	1.68	150 PVC
S60-01	27.12	S60-01	-	S60-02	24.410	24.900	40.27	1.22	150 PVC
S60-02	29.00	S60-02	-	S60-03	26.630	26.810	29.20	0.62	150 PVC
S60-03	30.17	S60-03	-	S60-04	26.840	26.890	3.47	1.44	150 PVC
S60-04	30.10	S60-04	-	S60-05	26.950	27.200	30.33	0.82	150 PVC
S60-05	30.51	S60-05	-	S60-06	28.620	28.850	11.84	1.94	150 PVC
S60-06	30.60	S60-06	-	S60-07	28.890	30.400	35.75	4.22	150 PVC
S60-07	33.19	S60-07	-	S60-ENT	30.440	32.830	22.35	10.69	150 PVC
S60-ENT	35.31	S60-07	-	S60-ENT	30.440	32.830	22.35	10.69	150 PVC
S60-06	30.60	S60-06	-	S61-01	28.900	29.020	22.53	0.53	150 PVC
S61-01	30.92	S61-01	-	S61-END	29.070	30.860	15.00	11.93	150 PVC
S61-END	32.88	S61-01	-	S61-END	29.070	30.860	15.00	11.93	150 PVC
S62-EX	26.30	S62-EX	-	S62-01	23.600	24.040	56.37	0.78	150 PVC
S62-01	29.66	S62-01	-	S62-02	28.280	30.570	44.63	5.11	150 PVC
S62-02	31.94	S62-02	-	S62-03	30.590	32.080	32.10	4.64	150 PVC
S62-03	33.44	S62-03	-	S62-04	32.110	34.330	46.53	4.77	150 PVC
S62-04	38.23	S62-04	-	S62-05	34.360	42.210	63.38	14.71	150 PVC
S62-05	45.17	S62-05	-	S62-06	43.850	47.920	83.54	4.87	150 PVC
S62-06	49.30	S62-06	-	S62-07	47.950	48.860	73.01	1.25	150 PVC
S62-07	50.09	S62-06	-	S62-07	47.950	48.860	73.01	1.25	150 PVC
S60-05	30.51	S60-05	-	S63-01	27.230	31.010	75.21	5.03	150 PVC
S63-01	33.39	S63-01	-	S63-02	31.050	31.110	7.52	0.80	150 PVC
S63-02	33.34	S63-02	-	S63-03	31.140	32.240	33.80	3.25	150 PVC
S63-03	34.65	S63-03	-	S63-04	32.260	32.390	18.86	0.69	150 PVC
S63-04	35.02	S63-04	-	S63-05	32.430	33.310	7.43	11.84	150 PVC
S63-05	35.00	S63-05	-	S63-06	33.350	35.500	30.41	7.07	150 PVC
S63-06	37.66	S63-05	-	S63-06	33.350	35.500	30.41	7.07	150 PVC
S63-03	34.65	S63-03	-	S65-01	33.120	33.300	6.92	2.60	150 PVC
S65-01	34.90	S65-01	-	S65-02	33.330	35.490	57.45	3.76	150 PVC
S65-02	37.31	S65-02	-	S65-03	35.510	39.020	46.24	7.28	150 PVC
S65-03	41.44	S65-03	-	S65-04	39.050	43.910	36.45	13.33	150 PVC
S65-04	45.37	S65-04	-	S65-05	43.960	44.540	8.35	6.95	150 PVC
S65-05	45.99	S65-05	-	S65-06	44.590	46.010	31.76	4.50	150 PVC
S65-06	47.39	S65-06	-	S65-07	46.030	46.260	12.25	1.88	150 PVC
S65-07	47.82	S65-07	-	S65-08	46.280	46.380	13.43	0.74	150 PVC
S65-08	48.26	S65-08	-	S65-TMS	46.430	46.510	12.78	0.63	150 PVC
S65-TMS	48.01	S65-08	-	S65-TMS	46.430	46.510	12.78	0.63	150 PVC
S65-03	41.44	S65-03	-	S66-01	39.050	41.010	18.86	10.39	150 PVC
S66-01	43.39	S66-01	-	S66-02	41.050	46.690	83.49	6.76	150 PVC
S66-02	48.03	S66-02	-	S66-03	46.730	47.890	38.35	3.02	150 PVC
S66-03	49.25	S66-03	-	S66-04	47.920	48.510	15.38	3.84	150 PVC
S66-04	49.89	S66-04	-	S66-05	48.540	48.990	12.70	3.54	150 PVC
S66-05	50.35	S66-05	-	S66-TMS	49.020	49.490	26.40	1.78	150 PVC
S66-TMS	50.79	S66-05	-	S66-TMS	49.020	49.490	26.40	1.78	150 PVC
S63-04	35.02	S63-04	-	S67-01	32.390	35.600	66.86	4.80	150 PVC
S67-01	37.62	S67-01	-	S67-02	35.630	36.720	7.44	14.65	150 PVC
S67-02	38.25	S67-02	-	S67-03	36.750	43.600	88.24	7.76	150 PVC
S67-03	45.08	S67-03	-	S67-02	36.750	43.600	88.24	7.76	150 PVC
S67-02	38.25	S67-02	-	S68-01	36.750	36.860	15.94	0.69	150 PVC
S68-01	39.25	S68-01	-	S68-02	37.580	45.120	96.90	7.78	150 PVC
S68-02	46.58	S68-02	-	S68-02	37.580	45.120	96.90	7.78	150 PVC
S69-EX	39.54	S69-EX	-	S69-01	36.610	36.650	4.03	0.99	150 PVC
S69-01	42.00	S69-01	-	S69-02	36.690	40.520	56.85	6.74	150 PVC
S69-02	46.27	S69-02	-	S69-03	40.560	44.220	26.17	13.99	150 PVC
S69-03	46.27	S69-03	-	S69-03	40.560	44.220	26.17	13.99	150 PVC



PRINCIPAL
Peet No 112
Pty Ltd

PROJECT
AS CONSTRUCTED
INFORMATION
VANTAGE ESTATE
STAGE 6
Sheet 2 of 2
Sewerage Layout

REAL PROPERTY DESCRIPTION
Lot No: 256-258, 263-310
334, 335, 387-396,
425-432, 434, 509,
906 & 907
Plan: SP251455
Map Ref: 9150-32114
Parish: Auckland
County: Clinton
Locality: New Auckland

REVISIONS	DATE	INITI
A- Original Issue	11/09/12	DES
B- Added depths & SL's	08/10/12	DES
C- Amended TMS's	12/10/12	DES

SURVEY	FILE REF:	3493
	VERSION:	28
	DATA DISK:	GX
	DATE:	12-10-12
DRAFTING	FILE REF:	3493-ASC
	DATA DISK:	Server
	DATE:	11-09-12

SURVEYED: CSG
DRAWN: D.E.S.
QUALITY CH'D:

DATE: 11-09-12

DATUM
HORIZONTAL
MGA Zone 56
VERTICAL
AHD

SCALE
1:500@A1

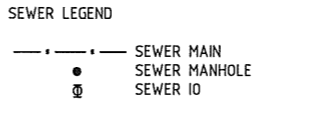
AUTHORISED BY _____ **DATE** _____

DIRECTOR _____
JOB NO. _____ **REV.** _____

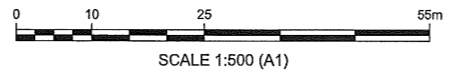
3493-SEW-C (2/2)

WORKS AS-CONSTRUCTED
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Project: Vantage Estate Stage 6
Project Number: 23520-BRI-C-6
Michael Pivov
On behalf of:
WOOD & GRIEVE ENGINEERS PTY LTD
Date: 16/10/12

- SEWERAGE NOTES**
- Refer to Sewer Line Table for main pipe details
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 - All pipe lengths are from wall of chamber to wall of chamber.
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 - HC chainages shown from the centre of downstream pit.



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PSM177594 East 319612.40 North 7357047.42
PSM157198 East 319608.91 North 7357409.05
 - AHD D from PSM95145 with adopted level of RL 57.996



319997.81
7357006.24
MGA Zone 56