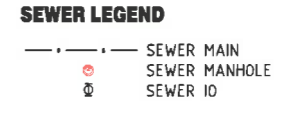


- GENERAL NOTES**
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  - All surface and underground information has been located by field survey by Capricorn Survey Group during construction.
  - As this plan is presented in digital computer format no responsibility is accepted by Capricorn Survey Group 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 SM10 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.



**CSG**  
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**PRINCIPAL**  
 Peet No 112  
 Pty Ltd

**PROJECT**  
 AS CONSTRUCTED  
 INFORMATION  
 VANTAGE ESTATE  
 STAGES 3 - 5  
 Sheet 1 of 2  
 Sewerage Layout

**REAL PROPERTY DESCRIPTION**  
 Lot No: 243-255, 310-333,  
 336-386, 507, 905  
 Plan: SP240768,240770,240771  
 Map Ref.: 9150-32114  
 Parish: Auckland  
 County: Clinton  
 L.A.: Gladstone R. C.  
 Locality: New Auckland

REVISIONS	DATE	INITI
A- Original Issue	6/10/11	DES
B- HC's Future lots	15/11/11	DES
C- HC lot 243 amend	23/11/11	DES

FILE REF:	3364
VERSION:	50
DATA DISK:	GX
DATE:	6-10-11
FILE REF:	G3364-As Con
DATA DISK:	Server
DATE:	6-10-11

**SURVEYED:** CSG  
**DRAWN:** D.E.S.  
**QUALITY CH'D:**  
**DATE:** 6-10-11

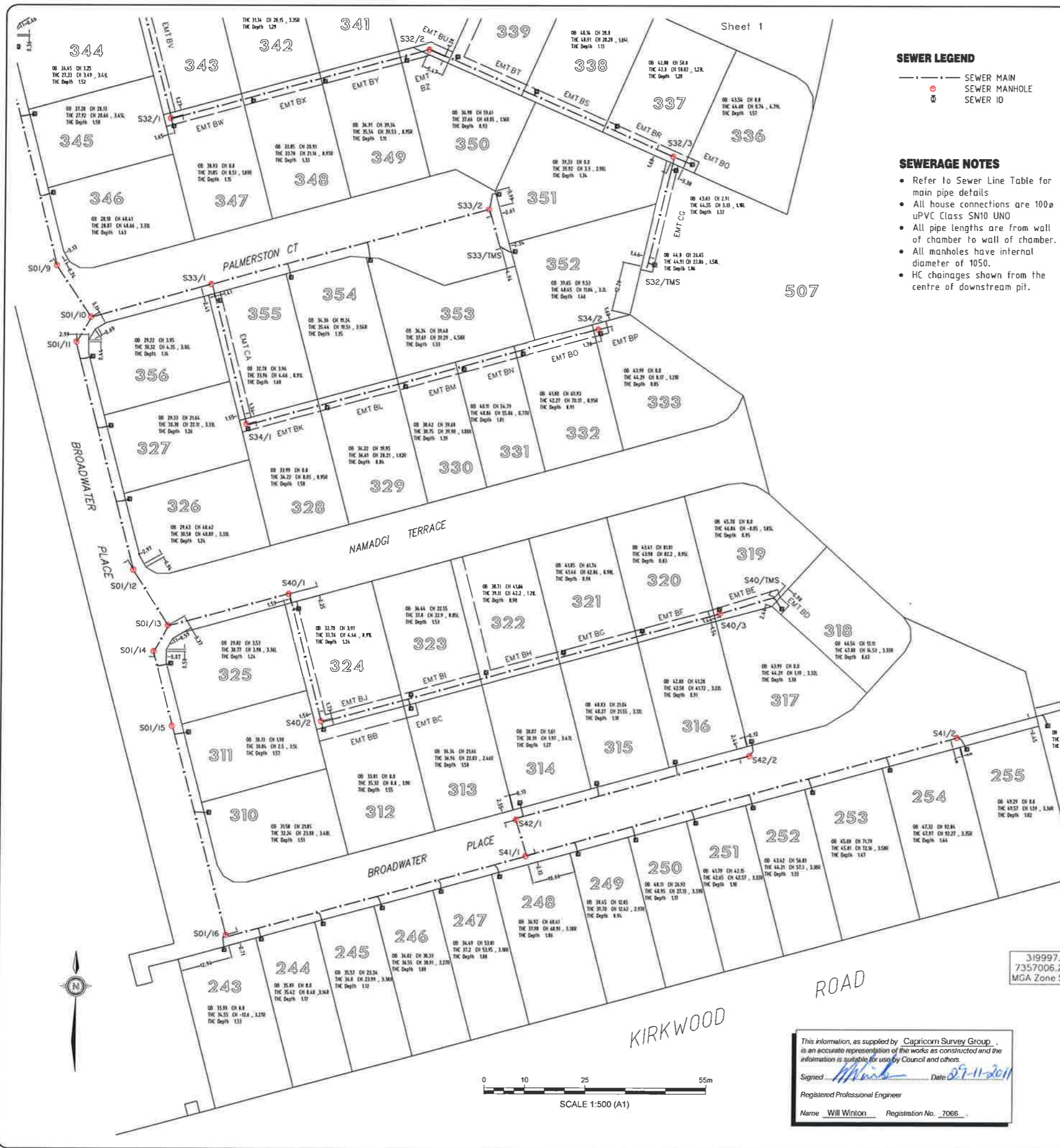
**DATUM**  
 HORIZONTAL  
 MGA Zone 56  
 VERTICAL  
 AHD

**SCALE**  
 1:500@A1

**AUTHORISED BY** \_\_\_\_\_ **DATE** \_\_\_\_\_  
**DIRECTOR**  
**JOB NO.** \_\_\_\_\_ **REV.** \_\_\_\_\_

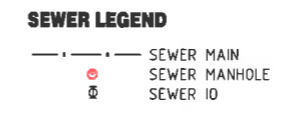
G3364-50 SEW C

This information, as supplied by Capricorn Survey Group, is an accurate representation of the works as constructed and the information is suitable for use by Council and others.  
 Signed: *Will Winton* Date: 29-11-2011  
 Registered Professional Engineer  
 Name: Will Winton Registration No. 7066



**GENERAL NOTES**

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- 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 Structure	SL	Line	OSL	USL	Length	Grade %	Type
S01-EX	24.25						
S01-1	26.49	S01-EX - S01-1	21.000	23.900	25.30	11.23	150PVC
S01-2	26.73	S01-1 - S01-2	23.900	24.800	25.16	3.66	150PVC
S01-3	26.95	S01-2 - S01-3	24.800	25.180	49.20	0.99	150PVC
S01-4	27.03	S01-3 - S01-4	25.210	25.380	11.65	1.46	150PVC
S01-5	27.57	S01-4 - S01-5	25.390	25.510	6.40	1.88	150PVC
S01-6	28.31	S01-5 - S01-6	25.520	25.650	18.82	0.69	150PVC
S01-7	28.6	S01-6 - S01-7	25.690	25.700	16.05	0.56	150PVC
S01-8	28.2	S01-7 - S01-8	25.790	26.160	6.64	5.57	150PVC
S01-9	30.75	S01-8 - S01-9	26.200	28.670	57.60	4.29	150PVC
S01-10	31.39	S01-9 - S01-10	28.700	28.810	14.40	1.46	150PVC
S01-11	31.3	S01-10 - S01-11	28.840	29.030	6.40	4.41	150PVC
S01-12	31.64	S01-11 - S01-12	29.050	29.390	57.28	0.79	150PVC
S01-13	31.84	S01-12 - S01-13	29.410	29.660	15.96	0.83	150PVC
S01-14	31.76	S01-13 - S01-14	29.600	29.660	6.60	1.97	150PVC
S01-15	31.95	S01-14 - S01-15	29.710	29.850	18.88	0.76	150PVC
S01-16	36.16	S01-15 - S01-16	29.870	33.720	82.82	7.29	150PVC
S01-6	28.31						
S30-1	30.61	S01-6 - S30-1	25.430	28.800	40.30	7.87	150PVC
S30-2	38.16	S30-1 - S30-2	28.850	36.010	76.25	9.43	150PVC
S30-3	44.46	S30-2 - S30-3	36.000	42.240	67.66	9.13	150PVC
S30-TMS	46.22	S30-3 - S30-TMS	42.310	44.200	22.21	8.51	150PVC
S01-7	28.6						
S31-1	30.38	S01-7 - S31-1	25.790	28.330	29.80	8.52	150PVC
S31-2	36.4	S31-1 - S31-2	28.370	34.750	58.74	10.99	150PVC
S31-1	30.38						
S31-1	32.76	S31-1 - S31-1	28.350	30.810	35.00	7.03	150PVC
S32-1	39.22	S31-1 - S32-1	30.870	37.660	65.51	10.06	150PVC
S32-2	45.66	S32-1 - S32-2	37.490	43.390	65.14	9.06	150PVC
S32-TMS	45.81	S32-2 - S32-TMS	43.440	43.850	27.85	1.48	150PVC
S33-1	34.47						
S33-1	39.21	S33-1 - S33-1	28.950	32.350	29.92	11.36	150PVC
S33-TMS		S33-1 - S33-TMS	32.370	39.210	69.78	9.80	150PVC
S33-TMS		S33-2 - S33-TMS	39.330	39.400	9.85	1.73	150PVC
S33-1	34.47						
S33-1	35.77	S33-1 - S33-1	32.400	33.850	34.93	4.15	150PVC
S33-2	45.16	S33-1 - S33-2	33.880	43.840	89.90	11.20	150PVC
S40-1	34.88						
S40-2	36.94	S40-1 - S40-2	29.490	32.550	30.30	10.10	150PVC
S40-3	47.07	S40-2 - S40-3	32.590	33.680	31.77	3.43	150PVC
S40-TMS		S40-3 - S40-TMS	33.700	45.570	101.15	11.74	150PVC
S40-TMS		S40-3 - S40-TMS	45.600	46.390	12.37	5.91	150PVC
S01-16	36.16						
S41-1	39.7	S01-16 - S41-1	34.700	36.990	75.56	3.03	150PVC
S41-2	50.65	S41-1 - S41-2	37.620	49.160	109.42	11.09	150PVC
S41-TMS		S41-2 - S41-TMS	49.190	51.040	39.90	4.64	150PVC
S41-1	39.7						
S41-1	29.64	S41-1 - S41-1	27.040	37.700	8.50	8.47	150PVC
S42-2	45.64	S41-1 - S42-2	37.800	43.750	58.86	10.11	150PVC
S01-1	26.49						
S50-1	27.15	S01-1 - S50-1	23.830	24.820	22.03	4.04	150PVC
S50-2	28.76	S50-1 - S50-2	24.850	26.430	20.90	5.28	150PVC
S50-3	31.28	S50-2 - S50-3	26.450	29.820	50.53	6.67	150PVC
S50-4		S50-3 - S50-4	29.890	30.830	16.54	5.99	150PVC
S50-5	34.28	S50-4 - S50-5	30.860	32.270	39.24	3.59	150PVC
S50-TMS	34.59	S50-5 - S50-TMS	32.290	32.430	30.39	1.35	150PVC
S50-2	28.76						
S51-1	28.96	S50-2 - S51-1	26.470	26.560	9.46	0.93	150PVC
S51-2	30.61	S51-1 - S51-2	26.580	28.320	36.20	4.81	150PVC
S51-TMS	30.98	S51-2 - S51-TMS	28.330	28.540	33.80	0.62	150PVC
S51-1	28.96						
S52-TMS	29.81	S51-1 - S52-TMS	26.580	27.810	19.28	6.54	150PVC

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Capricorn Survey Group

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A.B.N 59 419 394 233

**PRINCIPAL**  
**Peet No 112 Pty Ltd**

**PROJECT**  
**AS CONSTRUCTED INFORMATION**  
VANTAGE ESTATE  
STAGES 3 - 5  
Sheet 2 of 2  
**Sewerage Layout**

**REAL PROPERTY DESCRIPTION**  
Lot No: 243-255, 310-333, 336-386, 507, 905  
Plan: SP240768, 240770, 240771  
Map Ref.: 9150-32114  
Parish: Auckland  
County: Clinton  
L.A.: Gladstone R. C.  
Locality: New Auckland

REVISIONS	DATE	INITIALS
A- Original Issue	6/10/11	DES
B- HC's future lots	15/11/11	DES
C- HC lot 243 amend	23/11/11	DES

FILE REF:	3364
VERSION:	50
DATA DISK:	GX
DATE:	6-10-11
FILE REF:	G3364-As Con
DATA DISK:	Server
DATE:	6-10-11

**SURVEYED:** CSG  
**DRAWN:** D.E.S.  
**QUALITY CH'D:**  
**DATE:** 6-10-11

**DATUM**  
HORIZONTAL  
MGA Zone 56  
VERTICAL  
AHD

**SCALE**  
**1:500@A1**

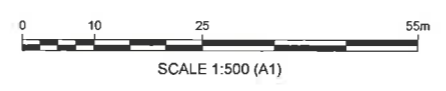
**AUTHORISED BY** \_\_\_\_\_ **DATE** \_\_\_\_\_

**DIRECTOR**  
JOB NO. \_\_\_\_\_ **REV.** \_\_\_\_\_

**G3364-50 SEW C**

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Signed: *Will Winton* Date: 29-11-2011  
Registered Professional Engineer  
Name: Will Winton Registration No. 7066



319997.81  
7357006.24  
MGA Zone 56