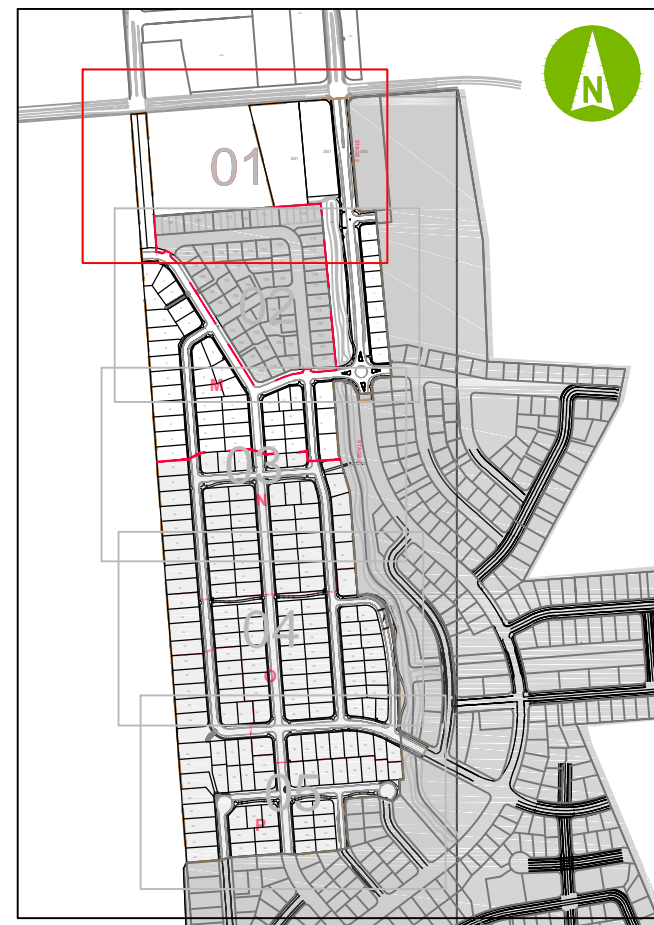




STAGE 1 - SUBSTAGE M				
POINT ID	NORTHING	EASTING	TYPE	DESCRIPTION
1	812919.22	395321.50	SINGLE SUMP	SS6.16
2	812917.73	395327.07	MH1050	MH 6B.2
3	812920.46	395336.22	SINGLE SUMP	SS6.17
4	812861.04	395329.66	SINGLE SUMP	SS6.14
5	812859.38	395332.63	MH1050	MH 6B.1
6	812861.82	395338.85	SINGLE SUMP	SS6.15
7	812806.68	395334.74	DOUBLE SUMP	SS6.01
8	812792.95	395319.34	BU OUTLET 1200SQ	OUTLET 6A.1
9	812804.36	395337.59	MH1200SQ	MH 6A.2
10	812811.34	395351.18	DOUBLE SUMP	DS6.03
11	812805.09	395347.99	MH1200SQ	MH 6A.3
12	812803.78	395351.70	DOUBLE SUMP	DS6.02
13	812757.30	395341.91	MH1050	MH 6C.1
14	812755.95	395348.60	SINGLE SUMP	SS6.19
15	812755.08	395339.60	SINGLE SUMP	SS6.18
16	812715.97	395352.22	CORNER SUMP (BU)	-
17	812675.76	395355.92	CORNER SUMP (BU)	-
18	812660.02	395347.52	SINGLE SUMP	SS7.20
19	812660.36	395356.55	SINGLE SUMP	SS7.19
20	812658.21	395354.15	MH1050	MH 1C.1
21	812602.79	395356.48	MH1200SQ	MH 1B.3
22	812616.96	395362.69	DOUBLE SUMP	DS1.20
23	812593.85	395364.76	DOUBLE SUMP	DS1.19
24	812593.93	395340.67	MH1200SQ	MH 1B.2
25	812595.71	395339.86	DOUBLE SUMP	DS1.17
26	812588.21	395335.62	BU OUTLET 1200SQ	OUTLET 1B.1
27	812610.48	395337.49	DOUBLE SUMP	DS1.18
28	812588.55	395327.31	BU OUTLET 1200SQ	OUTLET 1A.1
29	812600.11	395321.06	MH1200SQ	MH 1A.2
30	812597.38	395282.77	MH1200SQ	MH 1A.3
31	812589.97	395287.07	SINGLE SUMP	SS1.02
32	812588.35	395279.63	DOUBLE SUMP	DS1.03
33	812609.69	395278.50	SINGLE SUMP	SS1.01
34	812587.85	395251.03	SINGLE SUMP	SS1.05
35	812590.29	395250.40	MH1200SQ	MH 1A.4
36	812596.02	395247.41	SINGLE SUMP	SS1.04
37	812576.91	395215.25	MH1200SQ	MH 1A.5
38	812590.35	395207.20	MH1200SQ	MH 1A.5b
39	812591.50	395209.31	SINGLE SUMP	SS1.06
40	812586.69	395201.74	SINGLE SUMP	SS1.07
41	812626.27	395184.74	MH1200SQ	MH 1A.7
42	812627.76	395186.75	SINGLE SUMP	SS1.08
43	812623.03	395179.17	SINGLE SUMP	SS1.09
44	812662.42	395162.24	MH1200SQ	MH1A.8
45	812667.62	395161.89	SINGLE SUMP	SS1.10.1
46	812705.99	395135.14	MH1200SQ	MH1A.9
47	812707.11	395137.24	SINGLE SUMP	SS1.13
48	812704.64	395128.32	SINGLE SUMP	SS1.14
49	812702.92	395121.94	CORNER SUMP (BU)	-
50	812688.35	395098.51	SINGLE SUMP (BU)	-
51	812747.27	395109.36	MH1050	MH1A.10
52	812744.23	395102.55	SINGLE SUMP	SS1.16
53	812757.64	395093.88	MH1050	MH1A.11
54	812762.33	395088.29	SINGLE SUMP	SS1.15
55	812662.29	395146.18	DOUBLE SUMP	DS1.11
56	812655.86	395150.00	SINGLE SUMP	SS1.12
57	812601.47	395120.36	DOUBLE SUMP	DS2.15
58	812602.18	395127.77	SINGLE SUMP	SS2.16
59	812598.20	395122.48	MH1050	MH 2A.9
60	812554.86	395125.86	MH1200SQ	MH 2A.8
61	812554.78	395124.06	DOUBLE SUMP	DS2.13
62	812557.05	395131.33	SINGLE SUMP	SS2.14
63	812513.02	395127.35	SINGLE SUMP	SS2.11
64	812513.05	395128.86	MH1200SQ	MH 2A.7
65	812515.32	395134.63	SINGLE SUMP	SS2.12
66	812535.49	395210.97	SINGLE SUMP	SS2.23
67	812535.98	395220.00	SINGLE SUMP	SS2.24
68	812532.14	395217.84	MH1050	MH 2D.1
69	812508.40	395285.36	SINGLE SUMP	SS2.17
70	812505.82	395287.55	MH1050	MH 2B.1
71	812508.41	395293.01	SINGLE SUMP	SS2.18
72	812629.02	395193.05	SINGLE SUMP (BU)	-
73	812710.78	395142.17	SINGLE SUMP (BU)	-



**LEGEND:**

- STORMWATER MAIN
- STORMWATER LATERAL
- STORMWATER MANHOLE (STANDARD)
- STORMWATER MANHOLE (C.C.C SD303)
- DOUBLE SUMP
- SINGLE SUMP
- CORNER SUMP TO BUBBLE UP
- DOUBLE CORNER SUMP
- STORMWATER SUMP LEAD
- STAGE BOUNDARY
- SUB-STAGE BOUNDARY

**NOTES:**

1. ALL SUMP LEADS FROM SINGLE SUMPS ARE 2250 OR 3000 FROM DOUBLE SUMPS UNLESS OTHERWISE STATED.
  2. REFER TO DRAWINGS AB-PN-S1-SL-01-03 FOR STORMWATER LONGSECTIONS.
  3. ALL STORMWATER HOUSE CONNECTIONS ARE 1000 PVC-U S/N16.
- SURVEY ORIGIN DATA:  
 VERTICAL ELEVATIONS ARE IN TERMS OF CHRISTCHURCH DRAINAGE DATUM. SCIRT PUBLISHED JUNE 2011.  
 THE ORIGIN OF LEVELS IS BM 3257 (EHDK). RL 15.160m (POINT #378 ON PLAN FACE) LOCATED AT THE INTERSECTION OF APLINE VIEW LANE. WAITIKIRI DRIVE & LEN HALE PLACE.  
 HORIZONTAL COORDINATES ARE IN TERMS OF NZ GEODETIC DATUM 2000. MOUNT PLEASANT 2000 CIRCUIT.

This AS BUILT drawing has been prepared based on information provided by the contractor.



REV	DATE	REVISION DETAILS	APPROVED
2	04/09/15	AS BUILT CCC AMENDMENTS	K. ASHBY
1	07/08/15	AS BUILT	K.ASHBY

DRAWN	DESIGNED
M. PEPERE	I. DUNCAN
CHECKED K. RITSON	
APPROVED	
DATE 07/08/15	
K.ASHBY	

PROJECT
PRESTONS SOUTH
TITLE
PRESTONS SOUTH - STAGE 1 STORMWATER AS BUILT LAYOUT PLAN SHEET 1 OF 3

AS BUILT	
PROJECT No.	235361
SCALE	1:500
DRAWING No.	AB-PS-S1-SP-01
SIZE	A1
REV	2