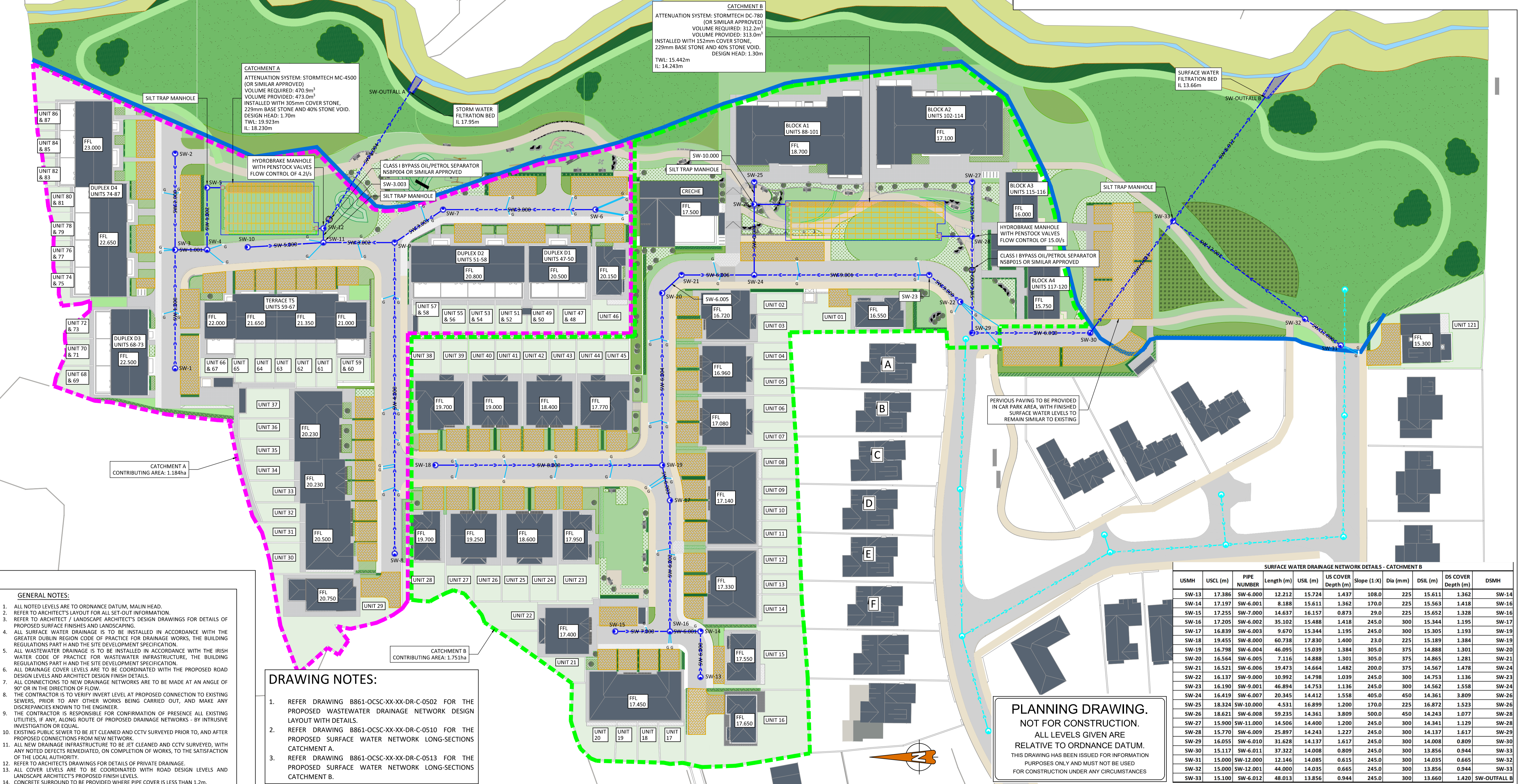


SURFACE WATER DRAINAGE NETWORK DETAILS - CATCHMENT A										
USMH	USCL (m)	PIPE NUMBER	Length (m)	USL (m)	US COVER Depth (m)	Slope (1:X)	Dia (mm)	DSL (m)	DS COVER Depth (m)	DSMH
SW-1	22.421	SW-1.000	31.772	21.446	0.750	170.0	225	21.259	0.866	SW-3
SW-2	22.734	SW-2.000	25.769	21.309	1.200	67.0	225	20.924	1.200	SW-3
SW-3	22.350	SW-1.001	8.568	20.924	1.201	28.0	225	20.618	1.035	SW-4
SW-4	21.878	SW-1.002	16.637	20.377	1.201	170.0	300	20.279	1.644	SW-5
SW-5	22.223	SW-1.003	33.002	18.296	3.627	500.0	300	18.230	2.544	SW-12
SW-6	20.122	SW-3.000	40.834	19.072	0.750	245.0	300	18.905	1.594	SW-7
SW-7	20.799	SW-3.001	15.686	18.905	1.594	245.0	300	18.841	1.745	SW-9
SW-8	20.370	SW-4.000	83.356	19.320	0.750	245.0	300	18.980	1.607	SW-9
SW-9	20.887	SW-3.002	19.091	18.841	1.745	245.0	300	18.763	1.935	SW-11
SW-10	21.465	SW-5.000	20.310	20.040	1.200	43.0	225	19.568	1.206	SW-11
SW-11	20.998	SW-3.003	3.798	18.688	1.935	305.0	375	18.676	2.023	SW-12
SW-12	21.074	SW-1.004	47.579	18.230	2.619	170.0	225	17.950	0.715	SW-OUTFALL A

LEGEND:

- PROPOSED SURFACE DRAINAGE (UPVC TWINWALL OR SIMILAR APPROVED)
- PROPOSED SURFACE DRAINAGE MANHOLE
- PROPOSED ROAD GULLY
- PROPOSED 150mm ROAD GULLY SERVICE CONNECTION
- PROPOSED SURFACE WATER CATCHMENT A
- PROPOSED SURFACE WATER CATCHMENT B
- PROPOSED POLY TUNNEL ATTENUATION SYSTEM
- PROPOSED PERVIOUS PAVING
- PROPOSED OIL/PETROL SEPARATOR
- PROPOSED SURFACE WATER DRAINAGE HEADWALL
- 1% AEP FLOOD EXTENT FROM THE STREAM
- EXISTING SURFACE WATER DRAINAGE TO BE MAINTAINED (FROM TOPO SURVEY RECORDS)
- EXISTING SURFACE WATER DRAINAGE MANHOLE TO BE MAINTAINED (FROM TOPO SURVEY RECORDS)



SURFACE WATER DRAINAGE NETWORK DETAILS - CATCHMENT B										
USMH	USCL (m)	PIPE NUMBER	Length (m)	USL (m)	US COVER Depth (m)	Slope (1:X)	Dia (mm)	DSL (m)	DS COVER Depth (m)	DSMH
SW-13	17.386	SW-6.000	12.212	15.724	1.437	108.0	225	15.611	1.362	SW-14
SW-14	17.197	SW-6.001	8.188	15.611	1.362	170.0	225	15.563	1.418	SW-16
SW-15	17.255	SW-7.000	14.637	16.157	0.873	29.0	225	15.652	1.328	SW-17
SW-16	17.205	SW-6.002	35.102	15.488	1.418	245.0	300	15.344	1.195	SW-17
SW-17	16.839	SW-6.003	9.670	15.344	1.195	245.0	300	15.305	1.193	SW-19
SW-18	19.455	SW-8.000	60.738	17.830	1.400	23.0	225	15.189	1.384	SW-19
SW-19	16.798	SW-6.004	46.095	15.039	1.384	305.0	375	14.888	1.301	SW-20
SW-20	16.564	SW-6.005	7.116	14.888	1.301	305.0	375	14.865	1.281	SW-21
SW-21	16.521	SW-6.006	19.473	14.664	1.482	200.0	375	14.567	1.478	SW-24
SW-22	16.137	SW-9.000	10.992	14.798	1.039	245.0	300	14.753	1.136	SW-23
SW-23	16.190	SW-9.001	46.894	14.753	1.136	245.0	300	14.562	1.558	SW-24
SW-24	16.419	SW-6.007	20.345	14.412	1.558	405.0	450	14.361	3.809	SW-26
SW-25	18.324	SW-10.000	4.531	16.899	1.200	170.0	225	16.872	1.523	SW-26
SW-26	18.621	SW-6.008	59.235	14.361	3.809	500.0	450	14.243	1.077	SW-28
SW-27	15.900	SW-11.000	14.506	14.400	1.200	245.0	300	14.341	1.129	SW-28
SW-28	15.970	SW-6.009	25.897	14.243	1.227	245.0	300	14.137	1.617	SW-29
SW-29	16.055	SW-6.010	31.628	14.137	1.617	245.0	300	14.008	0.809	SW-30
SW-30	15.117	SW-6.011	37.322	14.008	0.809	245.0	300	13.856	0.944	SW-33
SW-31	15.000	SW-12.000	12.146	14.085	0.615	245.0	300	14.035	0.665	SW-32
SW-32	15.000	SW-12.001	44.000	14.035	0.665	245.0	300	13.856	0.944	SW-33
SW-33	15.100	SW-6.012	48.013	13.856	0.944	245.0	300	13.660	1.420	SW-OUTFALL B

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Rev No.	Date	Revision Note	Drn by	Chkd by
P01	15.05.20	SUITABLE FOR PLANNING	RP	MK
C01	23.06.20	ISSUED FOR PLANNING	AB	MK
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C03	07.10.20	ISSUED FOR PLANNING	RP	MK

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Client: BURKEWAY HOMES LIMITED
Project: RESIDENTIAL DEVELOPMENT AT BEARNA
Title: SURFACE WATER NETWORK LAYOUT

Code | Originator | Zone | Level | Role | Type | Number | Status | Revision
B861-OCSC-XX-XX-DR-C-0501 A1 C03

Date: 13.05.20 Scale: 1:500 @ A1 Drn by:RP Chkd by:MK Aprvd by:AH