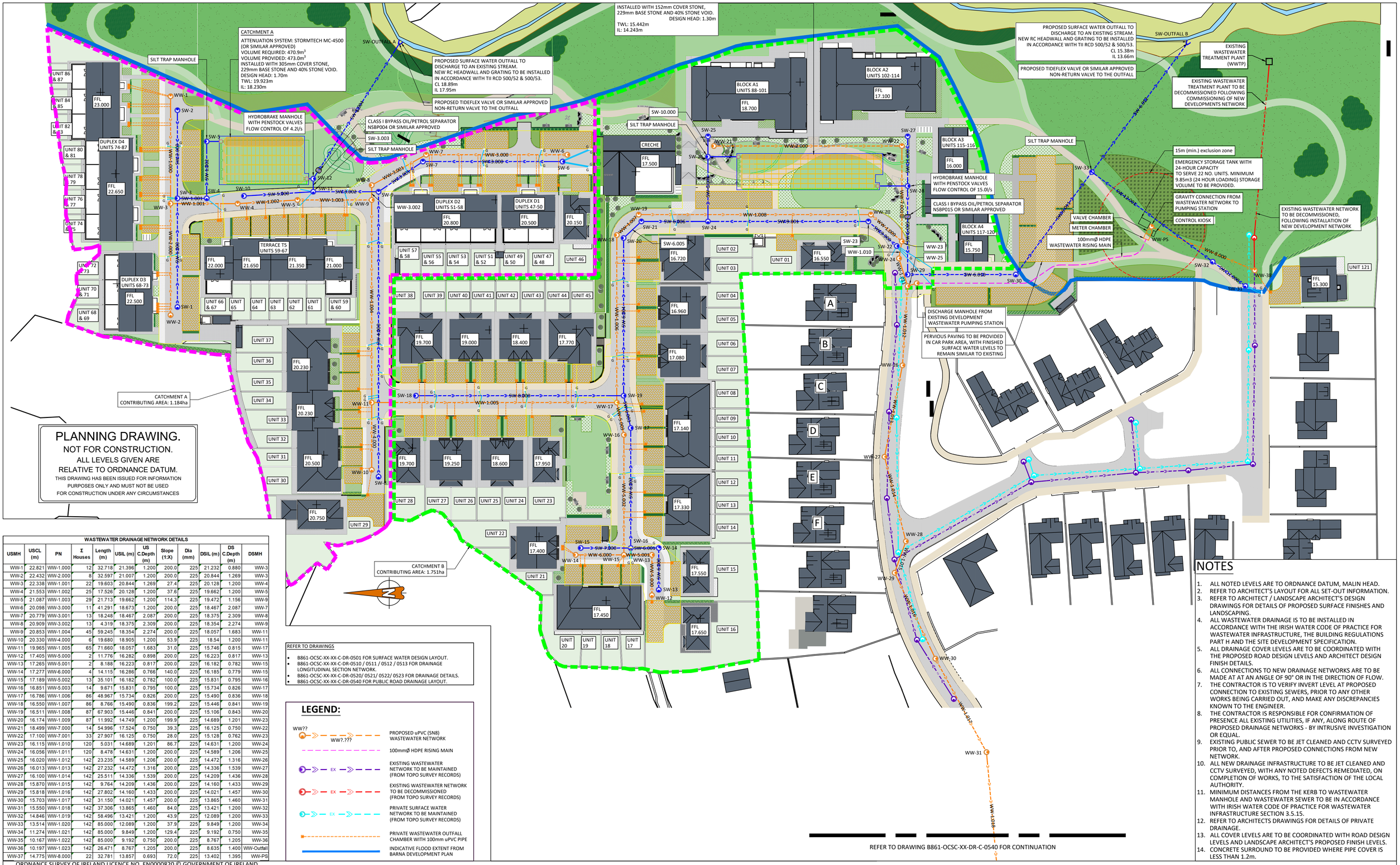

PLANNING DRAWING.

NOT FOR CONSTRUCTION.
ALL LEVELS GIVEN ARE RELATIVE TO ORDNANCE DATUM.
THIS DRAWING HAS BEEN ISSUED FOR INFORMATION PURPOSES ONLY AND MUST NOT BE USED FOR CONSTRUCTION UNDER ANY CIRCUMSTANCES

WASTEWATER DRAINAGE NETWORK DETAILS

USMH	USCL (m)	PN	Σ Houses	Length (m)	USIL (m)	US C.Depth (m)	Slope (1:X)	Dia (mm)	DSIL (m)	DS C.Depth (m)	DSMH
WW-1	22.821	WW-1.000	12	32.718	21.396	1.200	200.0	225	21.232	0.880	WW-3
WW-2	22.432	WW-2.000	8	32.597	21.007	1.200	200.0	225	20.844	1.269	WW-3
WW-3	22.338	WW-1.001	22	19.603	20.844	1.269	27.4	225	20.128	1.200	WW-4
WW-4	21.553	WW-1.002	25	17.526	20.128	1.200	37.6	225	19.662	1.200	WW-5
WW-5	21.087	WW-1.003	29	21.713	19.662	1.200	114.3	225	19.472	1.156	WW-9
WW-6	20.098	WW-3.000	11	41.291	18.673	1.200	200.0	225	18.467	2.087	WW-7
WW-7	20.779	WW-3.001	13	18.248	18.467	2.087	200.0	225	18.375	2.309	WW-8
WW-8	20.909	WW-3.002	13	4.319	18.375	2.309	200.0	225	18.354	2.274	WW-9
WW-9	20.853	WW-1.004	45	59.245	18.354	2.274	200.0	225	18.057	1.683	WW-11
WW-10	20.330	WW-4.000	6	19.680	18.905	1.200	53.9	225	18.54	1.200	WW-11
WW-11	19.965	WW-1.005	65	71.660	18.057	1.683	31.0	225	15.746	0.815	WW-17
WW-12	17.405	WW-5.000	2	11.776	16.282	0.898	200.0	225	16.223	0.817	WW-13
WW-13	17.265	WW-5.001	2	8.188	16.223	0.817	200.0	225	16.182	0.782	WW-15
WW-14	17.277	WW-6.000	4	14.115	16.286	0.766	140.0	225	16.185	0.779	WW-15
WW-15	17.189	WW-5.002	13	35.101	16.182	0.782	100.0	225	15.831	0.795	WW-16
WW-16	16.851	WW-5.003	14	9.671	15.831	0.795	100.0	225	15.734	0.826	WW-17
WW-17	16.786	WW-1.006	86	48.967	15.734	0.826	200.0	225	15.490	0.836	WW-18
WW-18	16.550	WW-1.007	86	8.766	15.490	0.836	199.2	225	15.446	0.841	WW-19
WW-19	16.511	WW-1.008	87	67.903	15.446	0.841	200.0	225	15.106	0.843	WW-20
WW-20	16.174	WW-1.009	87	11.992	14.749	1.200	199.9	225	14.689	1.201	WW-23
WW-21	18.499	WW-7.000	14	54.996	17.524	0.750	39.3	225	16.125	0.750	WW-22
WW-22	17.100	WW-7.001	33	27.907	16.125	0.750	28.0	225	15.128	0.762	WW-23
WW-23	16.115	WW-1.010	120	5.031	14.689	1.201	86.7	225	14.631	1.200	WW-24
WW-24	16.056	WW-1.011	120	8.478	14.631	1.200	200.0	225	14.589	1.206	WW-25
WW-25	16.020	WW-1.012	142	23.235	14.589	1.206	200.0	225	14.472	1.316	WW-26
WW-26	16.013	WW-1.013	142	27.232	14.472	1.316	200.0	225	14.336	1.539	WW-27
WW-27	16.100	WW-1.014	142	25.511	14.336	1.539	200.0	225	14.209	1.436	WW-28
WW-28	15.870	WW-1.015	142	9.764	14.209	1.436	200.0	225	14.160	1.433	WW-29
WW-29	15.818	WW-1.016	142	27.802	14.160	1.433	200.0	225	14.021	1.457	WW-30
WW-30	15.703	WW-1.017	142	31.150	14.021	1.457	200.0	225	13.865	1.460	WW-31
WW-31	15.550	WW-1.018	142	37.306	13.865	1.460	84.0	225	13.421	1.200	WW-32
WW-32	14.846	WW-1.019	142	58.496	13.421	1.200	43.9	225	12.089	1.200	WW-33
WW-33	13.514	WW-1.020	142	85.000	12.089	1.200	37.9	225	9.849	1.200	WW-34
WW-34	11.274	WW-1.021	142	85.000	9.849	1.200	129.4	225	9.192	0.750	WW-35
WW-35	10.167	WW-1.022	142	85.000	9.192	0.750	200.0	225	8.767	1.205	WW-36
WW-36	10.197	WW-1.023	142	26.471	8.767	1.205	200.0	225	8.635	1.400	WW-Outfall
WW-37	14.775	WW-8.000	22	32.781	13.857	0.693	72.0	225	13.402	1.395	WW-PS

REFER TO DRAWINGS

- B861-OCSC-XX-XX-C-DR-0501 FOR SURFACE WATER DESIGN LAYOUT.
- B861-OCSC-XX-XX-C-DR-0510 / 0511 / 0512 / 0513 FOR DRAINAGE LONGITUDINAL SECTION NETWORK.
- B861-OCSC-XX-XX-C-DR-0520/ 0521/ 0522/ 0523 FOR DRAINAGE DETAILS.
- B861-OCSC-XX-XX-C-DR-0540 FOR PUBLIC ROAD DRAINAGE LAYOUT.

LEGEND:

- WW?? / WW?.??? — PROPOSED uPVC (SN8) WASTEWATER NETWORK
- 100mmØ HDPE RISING MAIN
- EX — EXISTING WASTEWATER NETWORK TO BE MAINTAINED (FROM TOPO SURVEY RECORDS)
- EX — EXISTING WASTEWATER NETWORK TO BE DECOMMISSIONED (FROM TOPO SURVEY RECORDS)
- EX — PRIVATE SURFACE WATER NETWORK TO BE MAINTAINED (FROM TOPO SURVEY RECORDS)
- PRIVATE WASTEWATER OUTFALL CHAMBER WITH 100mm uPVC PIPE
- INDICATIVE FLOOD EXTENT FROM BARNA DEVELOPMENT PLAN

NOTES

1. ALL NOTED LEVELS ARE TO ORDNANCE DATUM, MALIN HEAD.
2. REFER TO ARCHITECT'S LAYOUT FOR ALL SET-OUT INFORMATION.
3. REFER TO ARCHITECT / LANDSCAPE ARCHITECT'S DESIGN DRAWINGS FOR DETAILS OF PROPOSED SURFACE FINISHES AND LANDSCAPING.
4. ALL WASTEWATER DRAINAGE IS TO BE INSTALLED IN ACCORDANCE WITH THE IRISH WATER CODE OF PRACTICE FOR WASTEWATER INFRASTRUCTURE, THE BUILDING REGULATIONS PART H AND THE SITE DEVELOPMENT SPECIFICATION.
5. ALL DRAINAGE COVER LEVELS ARE TO BE COORDINATED WITH THE PROPOSED ROAD DESIGN LEVELS AND ARCHITECT DESIGN FINISH DETAILS.
6. ALL CONNECTIONS TO NEW DRAINAGE NETWORKS ARE TO BE MADE AT AT AN ANGLE OF 90° OR IN THE DIRECTION OF FLOW.
7. THE CONTRACTOR IS TO VERIFY INVERT LEVEL AT PROPOSED CONNECTION TO EXISTING SEWERS, PRIOR TO ANY OTHER WORKS BEING CARRIED OUT, AND MAKE ANY DISCREPANCIES KNOWN TO THE ENGINEER.
8. THE CONTRACTOR IS RESPONSIBLE FOR CONFIRMATION OF PRESENCE ALL EXISTING UTILITIES, IF ANY, ALONG ROUTE OF PROPOSED DRAINAGE NETWORKS - BY INTRUSIVE INVESTIGATION OR EQUAL.
9. EXISTING PUBLIC SEWER TO BE JET CLEANED AND CCTV SURVEYED PRIOR TO, AND AFTER PROPOSED CONNECTIONS FROM NEW NETWORK.
10. ALL NEW DRAINAGE INFRASTRUCTURE TO BE JET CLEANED AND CCTV SURVEYED, WITH ANY NOTED DEFECTS REMEDIATED, ON COMPLETION OF WORKS, TO THE SATISFACTION OF THE LOCAL AUTHORITY.
11. MINIMUM DISTANCES FROM THE KERB TO WASTEWATER MANHOLE AND WASTEWATER SEWER TO BE IN ACCORDANCE WITH IRISH WATER CODE OF PRACTICE FOR WASTEWATER INFRASTRUCTURE SECTION 3.5.15.
12. REFER TO ARCHITECTS DRAWINGS FOR DETAILS OF PRIVATE DRAINAGE.
13. ALL COVER LEVELS ARE TO BE COORDINATED WITH ROAD DESIGN LEVELS AND LANDSCAPE ARCHITECT'S PROPOSED FINISH LEVELS.
14. CONCRETE SURROUND TO BE PROVIDED WHERE PIPE COVER IS LESS THAN 1.2m.

ORDNANCE SURVEY OF IRELAND LICENCE NO. EN0000820 © GOVERNMENT OF IRELAND

- FOR SETTING OUT REFER TO ARCHITECT'S DRAWINGS.
- THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL OTHER ARCHITECTURAL AND ENGINEERING DRAWINGS AND ALL OTHER RELEVANT DRAWINGS AND SPECIFICATIONS.
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Rev No.	Date	Revision Note	Drn by	Chkd by
P01	12.05.20	ISSUED FOR PLANNING	AB	MK
P02	15.05.20	REVISED WASTEWATER NETWORK	RP	MK
P03	27.05.20	REVISED WASTEWATER NETWORK	AB	MK
C01	09.06.20	ISSUED FOR PLANNING	AB	MK
C02	08.07.20	SUITABLE FOR PLANNING	AB	MK
C03	10.07.20	REVISED PUMPING STATION	AB	MK
C04	25.09.20	ISSUED FOR PLANNING	AB	MK

Rev No.	Date	Revision Note	Drn by	Chkd by

ENVIRONMENT LR EN ISO 14001:2004 NSAI Certified
QUALITY LR EN ISO 9001:2008 NSAI Certified
HEALTH & SAFETY OHSAS 18001:2007 NSAI Certified
bsi. BIM Verified Design & Construction Capital Delivery PAS 1192-2

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Client: BURKEWAY HOMES LTD
Project: RESIDENTIAL DEVELOPMENT AT BEARNA
Title: WASTEWATER NETWORK LAYOUT

Code	Originator	Zone	Level	Role	Type	Number	Status	Revision
B861	OCSC	XX	XX	DR	C	0502	A1	C04

Date: 12.05.20 Scale: 1:500 @ A1 Drn by: AB Chkd by: MK Aprvd by: AH