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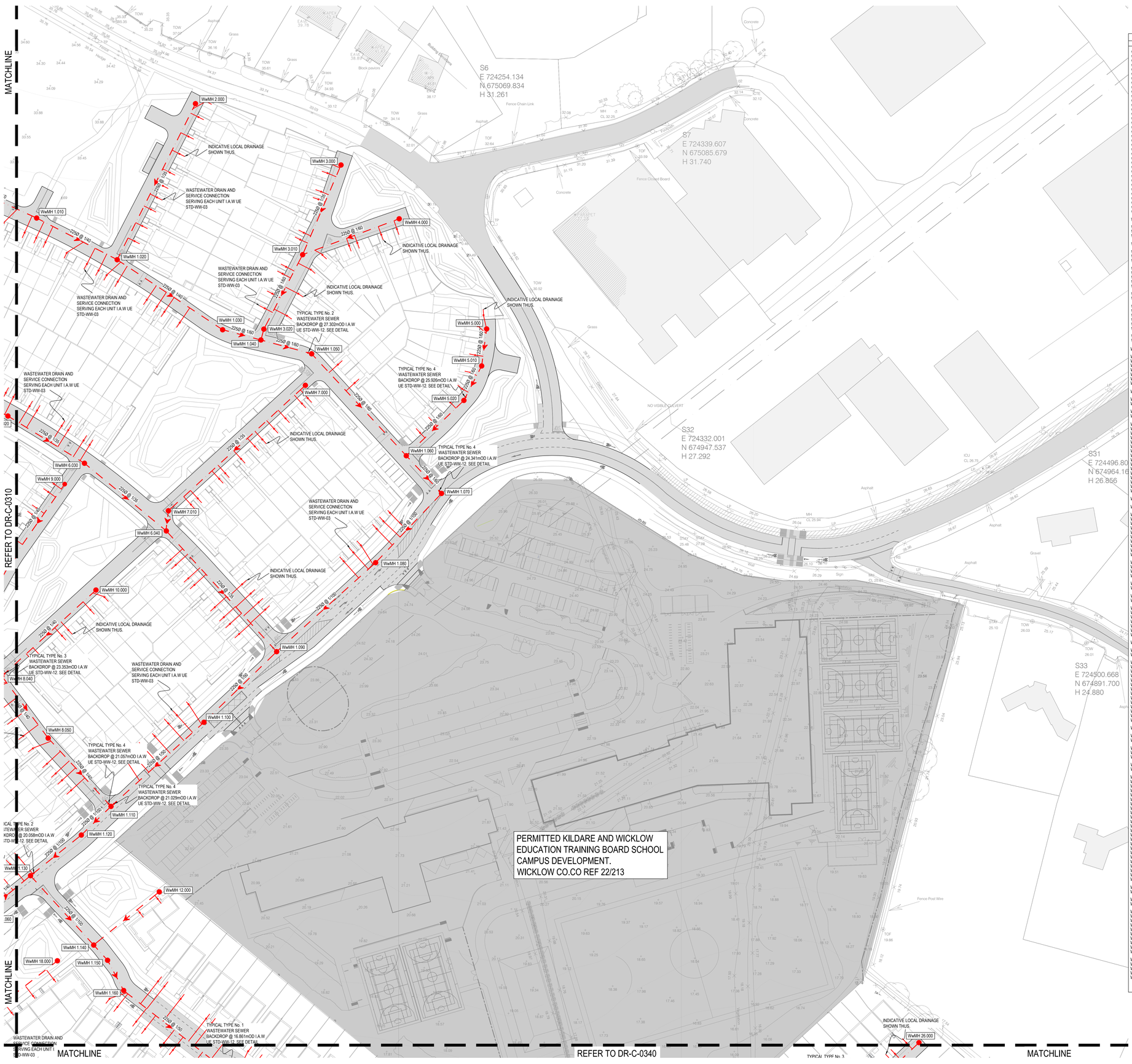

WASTEWATER DRAINAGE MANHOLE SCHEDULE			
REF:	CL:	IL:	NOTES:
WwMH 1.000	32.399	30.931	
WwMH 1.010	31.587	30.022	
WwMH 1.020	30.756	29.171	
WwMH 1.030	29.961	27.879	
WwMH 1.040	29.188	27.631	
WwMH 1.050	28.727	26.887	
WwMH 1.060	26.418	24.664	
WwMH 1.070	25.766	23.926	
WwMH 1.080	25.106	23.570	
WwMH 1.090	24.394	22.732	
WwMH 1.100	23.722	21.971	
WwMH 1.110	22.582	20.457	
WwMH 1.120	22.155	20.302	
WwMH 1.130	21.491	18.569	
WwMH 1.140	20.756	18.215	
WwMH 1.150	20.560	18.138	
WwMH 1.160	20.201	17.881	
WwMH 1.170	18.504	17.018	
WwMH 1.180	18.172	14.863	
WwMH 1.190	16.394	14.014	
WwMH 1.200	16.066	13.827	
WwMH 1.210	15.384	13.537	
WwMH 1.220	14.608	11.105	
WwMH 1.230	13.173	10.346	
WwMH 1.240	12.653	10.131	
WwMH 1.250	10.895	9.257	
WwMH 1.260	10.542	7.704	
WwMH 1.270	7.808	4.953	
WwMH 1.280	7.781	4.871	
WwMH 1.290	7.341	4.102	
WwMH 1.300	7.338	3.930	
WwMH 1.310	6.451	3.540	
WwMH 1.320	5.945	3.237	
WwMH 1.330	5.604	2.938	
WwMH 1.340	5.132	2.623	
WwMH 1.350	5.028	2.383	
WwMH 1.360	4.937	1.881	
WwMH 2.000	33.767	31.044	
WwMH 3.000	31.213	29.315	
WwMH 3.010	30.122	28.268	
WwMH 3.020	29.193	27.743	
WwMH 4.000	30.338	28.913	
WwMH 5.000	28.360	26.402	
WwMH 5.010	27.872	26.169	
WwMH 5.020	27.351	25.443	
WwMH 6.000	29.774	28.245	
WwMH 6.010	29.080	27.453	
WwMH 6.020	28.133	26.591	
WwMH 6.030	27.262	25.625	
WwMH 6.040	26.132	24.486	
WwMH 7.000	28.408	26.696	
WwMH 7.010	26.328	24.703	
WwMH 8.000	29.094	27.594	
WwMH 8.010	27.931	25.970	
WwMH 8.020	27.861	25.797	
WwMH 8.030	25.618	23.148	
WwMH 8.040	24.884	22.654	
WwMH 8.050	23.720	21.928	
WwMH 9.000	27.062	25.570	
WwMH 9.010	26.322	24.826	
WwMH 10.000	25.975	24.550	
WwMH 11.000	27.632	26.207	
WwMH 11.010	26.514	24.000	
WwMH 11.020	26.264	23.748	
WwMH 11.030	24.939	22.636	
WwMH 11.040	23.044	20.755	
WwMH 11.050	22.155	20.288	
WwMH 11.060	21.194	19.187	
WwMH 12.000	21.414	19.075	
WwMH 13.000	14.554	12.460	
WwMH 13.010	14.093	12.109	
WwMH 14.000	11.014	9.114	
WwMH 14.010	10.555	7.980	
WwMH 15.000	20.667	19.192	
WwMH 15.010	20.142	18.575	
WwMH 15.030	17.595	15.714	
WwMH 15.040	15.735	13.929	
WwMH 15.050	15.391	13.644	
WwMH 15.060	14.007	11.491	
WwMH 15.070	13.411	11.380	
WwMH 15.080	12.957	10.329	
WwMH 15.090	11.639	9.857	
WwMH 15.100	11.251	9.716	
WwMH 15.110	10.546	8.692	
WwMH 15.120	10.357	6.618	
WwMH 15.130	9.785	6.242	
WwMH 15.140	9.581	6.103	
WwMH 15.150	8.980	5.763	
WwMH 15.160	8.522	5.540	
WwMH 16.000	19.394	17.869	
WwMH 17.000	18.190	16.746	
WwMH 18.000	20.652	18.717	
WwMH 18.010	19.267	17.242	
WwMH 18.020	18.662	16.676	
WwMH 18.030	18.496	16.569	
WwMH 18.040	16.527	14.478	
WwMH 18.050	15.411	13.647	
WwMH 18.060	15.107	13.422	
WwMH 18.070	14.911	13.281	
WwMH 18.080	14.696	12.390	
WwMH 18.090	13.975	11.821	
WwMH 19.000	18.550	16.905	
WwMH 19.010	17.858	16.307	
WwMH 19.020	17.537	16.003	
WwMH 19.030	16.955	14.600	
WwMH 20.000	15.676	14.172	
WwMH 20.010	14.703	12.960	
WwMH 21.000	8.081	6.657	
WwMH 21.010	9.462	6.196	
WwMH 22.000	14.267	12.834	
WwMH 22.010	14.669	11.965	
WwMH 22.020	13.825	11.652	
WwMH 22.030	11.935	10.011	
WwMH 22.040	11.776	9.931	
WwMH 22.050	11.576	9.194	
WwMH 22.060	9.244	7.682	
WwMH 23.000	12.320	10.895	
WwMH 24.000	10.653	8.334	
WwMH 24.010	8.978	6.433	
WwMH 25.000	15.515	13.415	
WwMH 25.010	14.792	13.157	
WwMH 25.020	14.618	13.087	
WwMH 25.030	13.944	12.527	
WwMH 25.040	13.785	11.665	
WwMH 25.050	12.905	10.692	
WwMH 25.060	11.233	9.376	
WwMH 25.070	10.961	9.155	
WwMH 25.080	10.684	8.720	
WwMH 25.090	10.209	8.415	
WwMH 25.100	9.556	8.006	
WwMH 25.110	8.629	6.824	
WwMH 25.120	8.230	6.592	
WwMH 25.130	7.719	5.974	
WwMH 26.000	14.520	12.166	
WwMH 27.000	11.000	9.575	
WwMH 27.010	10.938	8.859	
WwMH 28.000	13.013	10.410	
WwMH 28.010	10.288	8.451	
WwMH 28.020	9.976	8.305	
WwMH 29.000	5.985	4.564	
WwMH 29.010	5.847	4.158	
WwMH 30.000	15.578	14.070	
WwMH 30.010	15.462	12.679	
WwMH 30.020	14.671	12.279	
WwMH 30.030	11.996	10.082	
WwMH 30.040	11.366	9.776	
WwMH 30.050	10.814	9.074	
WwMH 30.060	10.443	8.866	
WwMH 30.070	10.097	7.800	
WwMH 30.080	9.835	7.593	
WwMH 30.090	9.307	7.282	
WwMH 30.100	8.795	5.695	
WwMH 30.110	8.140	5.327	
WwMH 30.120	7.661	5.046	
WwMH 30.130	7.216	4.766	
WwMH 30.140	6.543	4.533	
WwMH 30.150	5.973	3.808	
WwMH 30.160	5.573	3.668	
WwMH 30.170	5.329	3.521	
WwMH 30.180	5.266	3.297	
WwMH 30.190	5.164	3.069	
WwMH 30.200	5.005	2.823	
WwMH 30.210	4.967	2.603	
WwMH 30.220	4.849	2.391	
WwMH 30.230	4.810	2.173	
WwMH 31.000	13.786	11.759	
WwMH 31.010	12.346	10.821	
WwMH 32.000	10.554	9.435	
WwMH 32.010	10.338	8.885	
WwMH 33.000	9.615	7.790	
WwMH 33.010	8.700	6.875	
WwMH 33.020	8.347	6.276	
WwMH 33.030	7.756	5.676	
WwMH 33.040	7.166	5.073	
WwMH 33.050	6.319	4.090	
WwMH 33.060	5.810	3.756	
WwMH 33.070	5.611	3.658	
WwMH 33.080	5.529	3.613	
WwMH 33.090	5.408	3.516	
WwMH 34.000	5.961	4.461	
WwMH 34.010	5.900	4.318	
WwMH 34.020	5.851	4.202	
WwMH 34.030	5.795	4.077	
WwMH 34.040	5.727	3.908	
PMH_1	4.455	1.779	

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SCALE 1:500 @ A0

NOTES:

1. FOR STANDARD DOBA NOTES REFER TO DRAWING 2432-DOB-XX-SI-DR-S-0001 & S-0002
2. REFER TO ARCHITECTS DRAWINGS FOR ALL SITE & APPLICATION BOUNDARIES
3. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT ARCHITECT'S & ENGINEER'S DRAWINGS AND SPECIFICATIONS.
4. USE FIGURED DIMENSIONS ONLY. DO NOT SCALE
5. REFER TO SURVEY DRAWINGS FOR EXISTING SERVICES LAYOUTS AND MANHOLE INFORMATION
6. ALL EXISTING SURFACES TO BE REINSTATED FOLLOWING DIVERSION OF SERVICES/CONSTRUCTION OF NEW SERVICES
7. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND LEVELS WITH ARCHITECTURAL DRAWINGS PRIOR TO START OF CONSTRUCTION. ANY DISCREPANCIES TO BE NOTIFIED TO THE ENGINEER & ARCHITECT FOR RESOLUTION
8. CONTRACTOR TO ENSURE ALL WATER & WASTEWATER RELATED WORKS ARE IN ACCORDANCE WITH THE IRISH WATER WATER INFRASTRUCTURE & WASTEWATER INFRASTRUCTURE CODE OF PRACTICE & STANDARD DETAILS DOCUMENTS
9. TESTING OF ALL GRAVITY SEWERS AND MANHOLES TO BE IN ACCORDANCE WITH IRISH WATER CODE OF PRACTICE FOR WASTEWATER INFRASTRUCTURE SECTION 4.10 TESTING OF GRAVITY SEWERS & MANHOLES

NOTE 1: MANHOLE COVER LEVELS ARE APPROXIMATE. ACTUAL COVER LEVELS SHOULD MATCH SURROUNDING FINISHED GROUND LEVELS U.N.O.

NOTE 2: ALL WASTEWATER SEWERS TO BE PROVIDED WITH COVER (WITHOUT PROTECTION) IN ACCORDANCE WITH IRISH WATER STANDARD DETAIL STD-WW-07 AND CLAUSE 3.9 OF IW-CDS-5030-03.

NOTE 3: FOR WASTEWATER SEWERS REQUIRING PROTECTION, REFER TO IRISH WATER STANDARD DETAIL STD-WW-08 AND CLAUSE 3.9 OF IW-CDS-5030-03.

NOTE 4: ALL MANHOLE COVERS LOCATED IN GRASS AREAS TO BE SURROUNDED (Min. 200mm SURROUND) IN 100mm THK C20/25 CONCRETE APRON

NOTE 5: THE EXTERNAL FACE OF THE PROPOSED MANHOLE CHAMBERS SHALL BE A MINIMUM OF 0.5m FROM THE KERB LINE, AND THE EXTERNAL FACE OF THE SEWERS SHALL BE A MINIMUM OF 1.0m FROM THE KERB LINE IN ACCORDANCE WITH SECTION 3.5.15 OF IW-CDS-5030-03

WASTEWATER LEGEND:

- EX. WASTEWATER SEWER
- FMH — EX. WASTEWATER MANHOLE
- EX. COMBINED SEWER
- FMH — EX. COMBINED MANHOLE
- EX. WASTEWATER SEWER TO BE DECOMMISSIONED
- PR. WASTEWATER SEWER
- FMH — PR. WASTEWATER MANHOLE
- PR. BACKDROP IN MH
- PR. SERVICE INSPECTION CHAMBER
- PR. EXISTING/ PERMITTED SERVICE INSPECTION CHAMBER
- PR. UISCE EIREANN PWSA SEWER UPGRADE WORKS (TO BE DELIVERED BY OTHERS)

FOUL PIPE MATERIAL TO BE IN ACCORDANCE WITH IW-CDS-5030-03 SECTION 3.13.2

3.13.2 THERMOPLASTIC STRUCTURAL WALL PIPES; THERMOPLASTIC STRUCTURED WALL PIPES SHALL COMPLY WITH THE PROVISIONS OF IS EN 13476 (2007/2009). PIPES TO BE OF STIFFNESS CLASS 8kN/m² & TO BE CAPABLE OF DEMONSTRATING A JETTING RESISTANCE OF 2,600 PSI (180 BAR) WITHOUT DAMAGE WHEN TESTED IN ACCORDANCE WITH SECTION 3.3 OF WIS 4-35-01 (2008). (SEWER DIAMETERS 150mm UP TO 450mm, SERVICE CONNECTIONS OF 100mm DIAMETER).

KEY PLAN SCALE 1:5000

PLANNING ISSUE

Rev.	Note	Date	Drawn	Check
S2.P07	ISSUED FOR PLANNING	19.05.2025	KD	MJC
S2.P06	ISSUED FOR INFORMATION	16.04.2025	KD	MJC
S2.P05	ISSUED FOR UISCE EIREANN SoDA APPROVAL	11.04.2025	KD	MJC
S2.P04	ISSUED FOR UISCE EIREANN SoDA APPROVAL	10.04.2025	KD	MJC
S2.P03	ISSUED FOR UISCE EIREANN SoDA APPROVAL	31.03.2025	KD	MJC
S2.P02	ISSUED FOR S32B	25.10.2024	KD	MJC
S2.P01	DRAFT ISSUE	18.10.2024	NQ	MJC

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Client: CERTAIN ASSETS OF DAWNHILL AND WINDHILL LIMITED

Project: LANDS AT KILBRIDE, ARKLOW, Co. WICKLOW

Drawing Title: PROPOSED WASTEWATER DRAINAGE LAYOUT SHEET 2

Drawn By:	Checked By:	Approved By:	Date:	Scale:	Sheet Size:
KD	PD	DOB	OCT '24	1:500	A0

Project Number:	Drawing Number:	Status Code:	Rev Number:
DOBA2432	2432-DOB- XX-SI- DR-C-0320	S2	P07