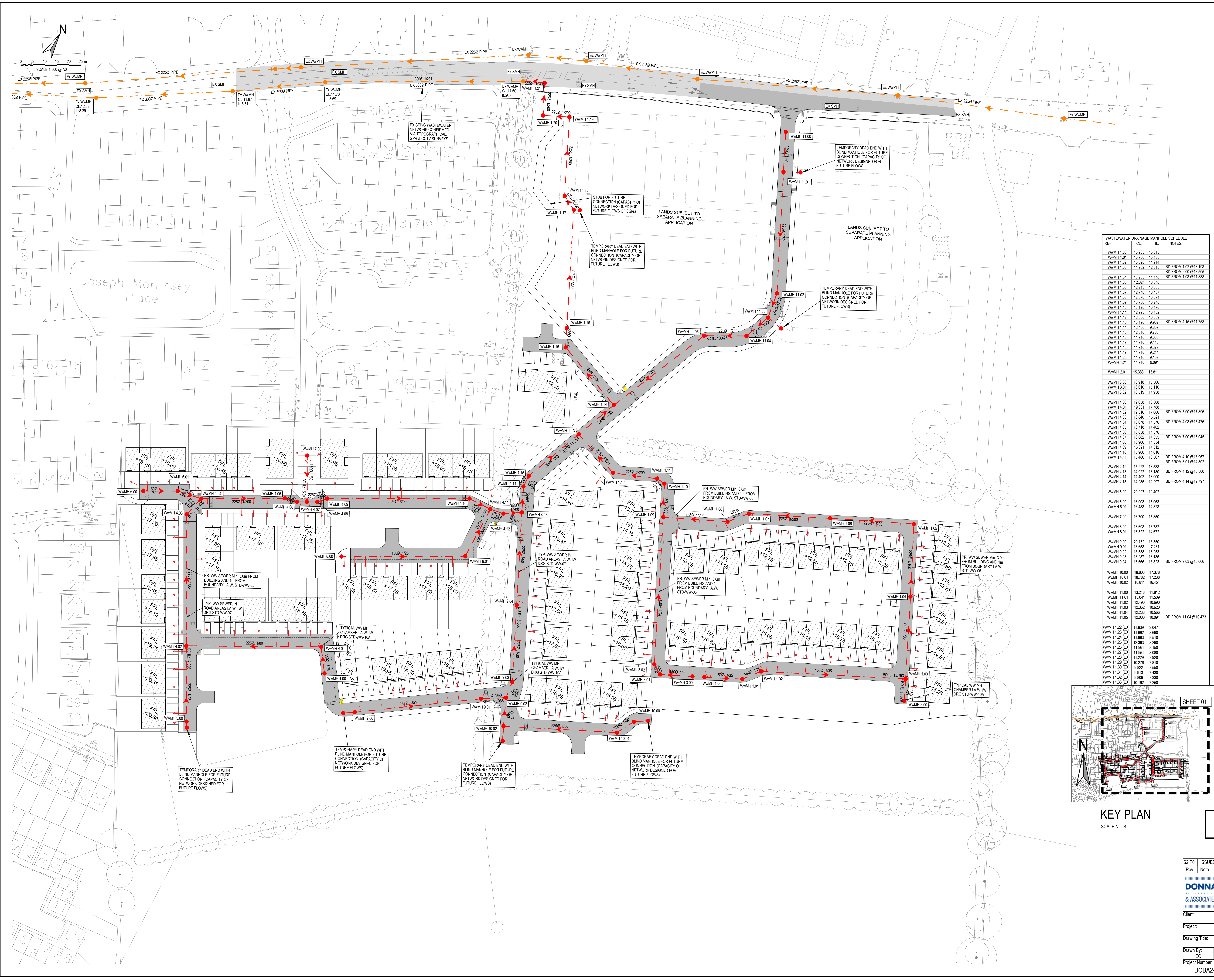




- NOTES:
- FOR STANDARD DOBA NOTES REFER TO DRAWING 2411-DOB-XX-SI-DR-S-0001 & S-0002
 - REFER TO ARCHITECTS DRAWINGS FOR ALL SITE & APPLICATION BOUNDARIES
 - THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT ARCHITECTS & ENGINEERS DRAWINGS AND SPECIFICATIONS.
 - USE FIGURED DIMENSIONS ONLY. DO NOT SCALE
 - REFER TO SURVEY DRAWINGS FOR EXISTING SERVICES LAYOUTS AND MANHOLE INFORMATION
 - ALL EXISTING SURFACES TO BE REINSTATED FOLLOWING DIVERSION OF SERVICES/CONSTRUCTION OF NEW SERVICES
 - 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
 - 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
 - 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

WASTEWATER LEGEND:

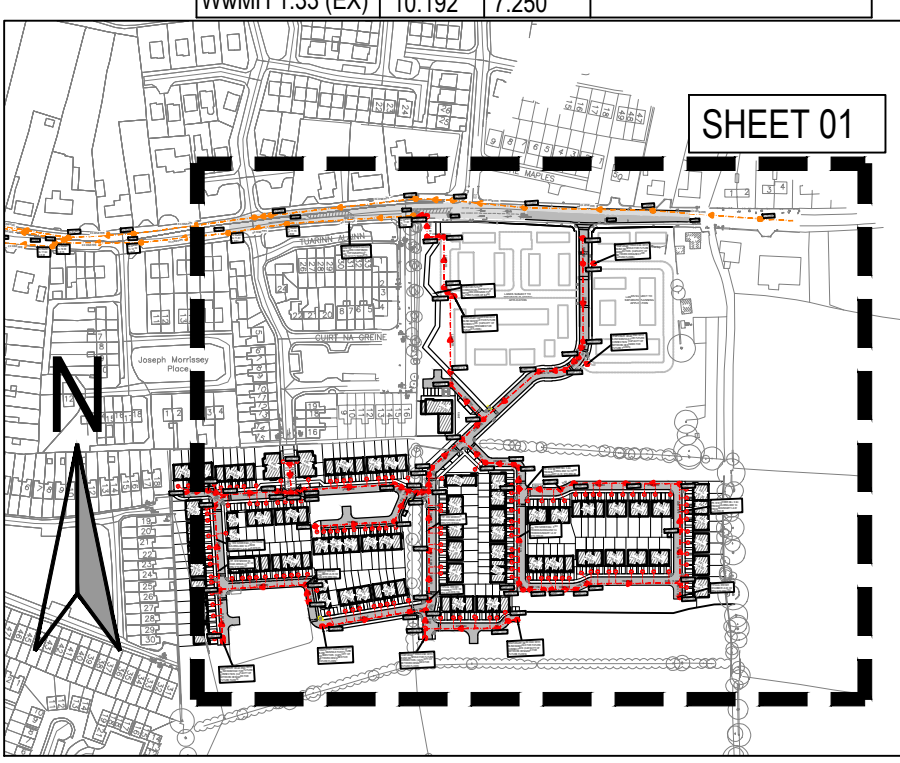
- EX. WASTEWATER SEWER
- EX. WASTEWATER MANHOLE
- EX. WASTEWATER INSPECTION CHAMBER
- EX. WASTEWATER ACCESS JUNCTION
- EX. COMBINED SEWER
- EX. COMBINED MANHOLE
- PR. WASTEWATER RISING MAIN
- PR. WASTEWATER SEWER TO BE DECOMMISSIONED
- PR. WASTEWATER SEWER
- PR. WASTEWATER MANHOLE
- PR. WASTEWATER INSPECTION CHAMBER
- PR. WASTEWATER ACCESS JUNCTION
- PR. WASTEWATER RISING MAIN
- PR. BACKDROP IN MH
- PR. LOCAL FOUL DRAINAGE
- EXISTING ROAD
- PROPOSED ROAD

WASTEWATER DRAINAGE MANHOLE SCHEDULE			
REF.	CL.	IL	NOTES
WwMH 1.00	16.983	15.613	
WwMH 1.01	16.706	15.105	
WwMH 1.02	16.520	14.914	
WwMH 1.03	14.932	12.818	BD FROM 1.02 @13.193
WwMH 1.04	13.235	11.146	BD FROM 2.00 @13.505
WwMH 1.05	12.021	10.840	BD FROM 1.03 @11.838
WwMH 1.06	12.213	10.663	
WwMH 1.07	12.740	10.487	
WwMH 1.08	12.878	10.374	
WwMH 1.09	13.766	10.240	
WwMH 1.10	13.128	10.170	
WwMH 1.11	12.983	10.152	
WwMH 1.12	12.800	10.059	BD FROM 4.15 @11.758
WwMH 1.13	13.196	9.962	
WwMH 1.14	12.406	9.867	
WwMH 1.15	12.016	9.700	
WwMH 1.16	11.710	9.680	
WwMH 1.17	11.710	9.413	
WwMH 1.18	11.710	9.379	
WwMH 1.19	11.710	9.214	
WwMH 1.20	11.710	9.159	
WwMH 1.21	11.710	9.091	
WwMH 2.0	15.386	13.811	
WwMH 3.00	16.918	15.966	
WwMH 3.01	16.610	15.116	
WwMH 3.02	16.519	14.958	
WwMH 4.00	19.658	18.308	
WwMH 4.01	19.301	17.788	BD FROM 5.00 @17.896
WwMH 4.02	19.316	17.086	
WwMH 4.03	16.840	15.521	
WwMH 4.04	16.678	14.576	BD FROM 4.03 @15.476
WwMH 4.05	16.718	14.402	
WwMH 4.06	16.658	14.376	
WwMH 4.07	16.862	14.355	BD FROM 7.00 @15.045
WwMH 4.08	16.906	14.334	
WwMH 4.09	16.821	14.312	
WwMH 4.10	15.900	14.016	BD FROM 4.10 @13.967
WwMH 4.11	15.486	13.567	BD FROM 8.01 @14.302
WwMH 4.12	15.222	13.538	
WwMH 4.13	14.922	13.180	BD FROM 4.12 @13.500
WwMH 4.14	14.402	13.000	
WwMH 4.15	14.235	12.287	BD FROM 4.14 @12.797
WwMH 5.00	20.527	19.402	
WwMH 6.00	16.003	15.063	
WwMH 6.01	16.483	14.823	
WwMH 7.00	16.700	15.350	
WwMH 8.00	16.698	16.782	
WwMH 8.01	16.322	14.672	
WwMH 9.00	20.152	18.350	
WwMH 9.01	18.653	17.261	BD FROM 9.03 @15.066
WwMH 9.02	18.538	16.253	
WwMH 9.03	18.287	16.135	
WwMH 9.04	16.666	13.823	
WwMH 10.00	18.803	17.378	
WwMH 10.01	18.782	17.238	
WwMH 10.02	18.611	16.454	
WwMH 11.00	13.248	11.812	
WwMH 11.01	13.041	11.509	
WwMH 11.02	12.490	10.690	
WwMH 11.03	12.362	10.620	
WwMH 11.04	12.238	10.560	
WwMH 11.05	12.000	10.094	BD FROM 11.04 @10.473
WwMH 1.22 (EX)	11.639	9.047	
WwMH 1.23 (EX)	11.692	8.690	
WwMH 1.24 (EX)	11.883	8.510	
WwMH 1.25 (EX)	12.363	8.290	
WwMH 1.26 (EX)	11.961	8.150	
WwMH 1.28 (EX)	11.029	7.600	
WwMH 1.29 (EX)	10.276	7.610	
WwMH 1.30 (EX)	9.822	7.550	
WwMH 1.31 (EX)	9.913	7.430	
WwMH 1.32 (EX)	9.806	7.330	
WwMH 1.33 (EX)	10.192	7.250	

- 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

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 B4mm⁴ & TO BE CAPABLE OF DEMONSTRATING A JETTING RESISTANCE OF 2,000 PSI (180 BAR) WITHOUT DAMAGE WHEN TESTED IN ACCORDANCE WITH SECTION 3.3 OF WS 4-35-01 (2008). (SEWER DIAMETERS 150mm UP TO 450mm, SERVICE CONNECTIONS OF 100mm DIAMETER).



KEY PLAN
SCALE N.T.S.

ISSUED FOR PLANNING

S2.P01	ISSUED FOR PLANNING	08.11.2024	RR	AL
Rev.	Note	Date	Drawn	Check
DONNACHADH O'BRIEN & ASSOCIATES CONSULTING ENGINEERS				
UNIT 3C ELM HOUSE MILLERSNORTH PARK NAAS CO. KILDARE		PHONE: +353 45 984 042 INFO@DOBENENGINEERS.IE WWW.DOBENENGINEERS.IE		
Client: MARSHALL YARDS DEVELOPMENT COMPANY LIMITED				
Project: LANDS AT GORTNAHOMNA, CASTLEMARTYR Co. CORK				
Drawing Title: PROPOSED WASTEWATER DRAINAGE LAYOUT				
Drawn By: EC	Checked By: PD	Date: APR 2024	Scale: 1:500	Sheet Size: A0
Project Number: DOBA2411	Drawing Number: 2411-DOB-XX-SI-DR-C-0300	Status Code: S2	Rev Number: P01	