



PROPOSED WASTEWATER DRAINAGE LAYOUT
SCALE 1:500

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DO NOT SCALE: CONTRACTOR TO CHECK ALL DIMENSIONS AND REPORT ANY ERRORS OR OMISSIONS

NOTES:

- FOR STANDARD DOBA NOTES REFER TO DRAWING 2451-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 ARCHITECT'S & ENGINEER'S 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:

- EXISTING/PERMITTED WASTEWATER SEWER
- EXISTING/PERMITTED WASTEWATER MANHOLE
- EX. WASTEWATER INSPECTION CHAMBER
- EX. WASTEWATER ACCESS JUNCTION
- EX. COMBINED SEWER
- EX. COMBINED MANHOLE
- EX. WASTEWATER RISING MAIN
- EX. 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

- 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 3.3 OF IW-CDS-5030-03.
- NOTE 3: FOR WASTEWATER SEWERS REQUIRING PROTECTION, REFER TO IRISH WATER STANDARD DETAIL STD-WW-08 AND CLAUSE 3.3 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 B₁mm³ & 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 WIS 4-35-01 (2008). (SEWER DIAMETERS 150mm UP TO 450mm, SERVICE CONNECTIONS OF 100mm DIAMETER).

WASTE WATER DRAINAGE MANHOLE SCHEDULE			
REF.	CL	RL	NOTES
F1-2	88.600	84.222	
F2-1	88.600	84.545	
WwMH 1.000	85.354	83.926	
WwMH 1.001	87.413	82.981	
WwMH 1.010	87.439	82.822	

ISSUED FOR PLANNING

S2.P02	ISSUED FOR PLANNING	21.10.2025	AK	PD
S2.P01	ISSUED FOR INFORMATION ONLY	14.10.2025	BB	PD
Rev.	Note	Date	Drawn	Check
Donnachadh O'Brien & Associates Consulting Engineers UNIT 5C ELMHOUSE MILLENNIUM PARK NAAS CO. KILDARE P +353 45 984 042 WWW.DONNACHADH.O'BRIEN.CO.UK Client: No. 1 WYCKHAM LAND LIMITED Project: BLOCK E, MARMALADE LANE, WYCKHAM AVENUE, DUNDRUM Drawing Title: PROPOSED WASTEWATER DRAINAGE LAYOUT Drawn By: MF, PD, Checked By: PD, Approved By: PD, Date: AUG 24, Scale: AS SHOWN, Sheet Size: A0 Project Number: DOBA2451, Drawing Number: MLD-1-S2-SW-XX-DR-DOB-CE-003000, Status Code: S2, Rev Number: P02				