



- NOTES:**
- FOR STANDARD DOBA NOTES REFER TO DRAWING 2334-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 SEWER TO BE DECOMMISSIONED
- PR. WASTEWATER SEWER
- PR. WASTEWATER MANHOLE
- PR. WASTEWATER INSPECTION CHAMBER
- PR. WASTEWATER ACCESS JUNCTION
- 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 3.9 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 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).

REF.	CL.	IL.	NOTES.
WwMH 1.00	80.073	79.225	
WwMH 1.01	80.405	79.944	
WwMH 1.02	80.087	78.619	
WwMH 1.03	80.097	78.619	
WwMH 1.04	80.000	78.398	
WwMH 1.05	79.200	78.296	
WwMH 1.06	78.777	78.060	
WwMH 1.07	79.043	77.996	
WwMH 1.08	78.651	77.996	
WwMH 1.09	79.627	77.762	
WwMH 1.10	79.259	77.523	
WwMH 1.11	78.966	74.886	
WwMH 1.12	78.580	74.735	
WwMH 1.13	78.027	74.616	
WwMH 1.14	77.352	74.473	
WwMH 1.15	76.704	74.263	
WwMH 1.16	76.048	74.206	
WwMH 1.17	75.474	74.040	
WwMH 1.18	75.191	73.810	
WwMH 1.19	74.913	73.574	
WwMH 1.20	74.685	73.404	
WwMH 1.21	74.402	73.242	
WwMH 1.22	74.430	73.156	
WwMH 1.23	74.400	72.951	
WwMH 1.24	74.378	72.905	
Ex WwMH	74.480	72.770	
Ex WwMH1	74.680	72.520	
Ex WwMH2	74.610	72.470	
WwMH 2.00	81.947	80.466	
WwMH 2.01	81.559	79.690	
WwMH 2.02	81.407	79.534	
WwMH 2.03	81.364	79.462	
WwMH 3.00	82.197	80.615	
WwMH 3.01	81.708	80.166	
WwMH 3.02	81.347	79.809	
WwMH 4.00	81.549	80.314	
WwMH 5.00	82.104	80.688	
WwMH 5.01	81.619	80.234	
WwMH 5.02	81.587	80.096	
WwMH 5.03	81.480	79.785	
WwMH 5.04	80.523	78.644	
WwMH 5.05	80.444	78.400	
WwMH 5.06	79.858	78.145	
WwMH 5.07	78.788	76.861	
WwMH 5.08	80.654	79.292	

B.D. FROM WwMH2.03 @ 78.627

B.D. FROM WwMH1.10 @ 77.186

B.D. FROM WwMH3.00 @ 78.195

B.D. FROM WwMH5.02 @ 80.016

ISSUED FOR PLANNING

S2.P01	ISSUED FOR PLANNING	19.06.2024	RR	AL
S2.P08	ISSUED FOR INFORMATION	17.06.2024	RR	AL
S2.P07	DRAFT ISSUE	07.06.2024	RR	AL
S2.P06	ISSUED FOR INFORMATION	23.05.2024	RR	AL
S2.P05	ISSUED FOR INFORMATION	20.05.2024	RR	AL
S2.P04	ISSUED FOR INFORMATION	15.05.2024	RR	AL
S2.P03	ISSUED FOR LRD OPINION	27.03.2024	NQ	AL
S2.P02	DRAFT ISSUE	21.03.2024	NQ	AL
S2.P01	DRAFT ISSUE	14.03.2024	NQ	AL
Rev.	Note	Date	Drawn	Check

DONNACHADH O'BRIEN
& ASSOCIATES CONSULTING ENGINEERS

UNIT 3C
ELM HOUSE
MILLINGHAM PARK
NAAS
CO. KILDARE

P 353 45 984 042
INFO@DOBIE
WWW.DOBIE.E

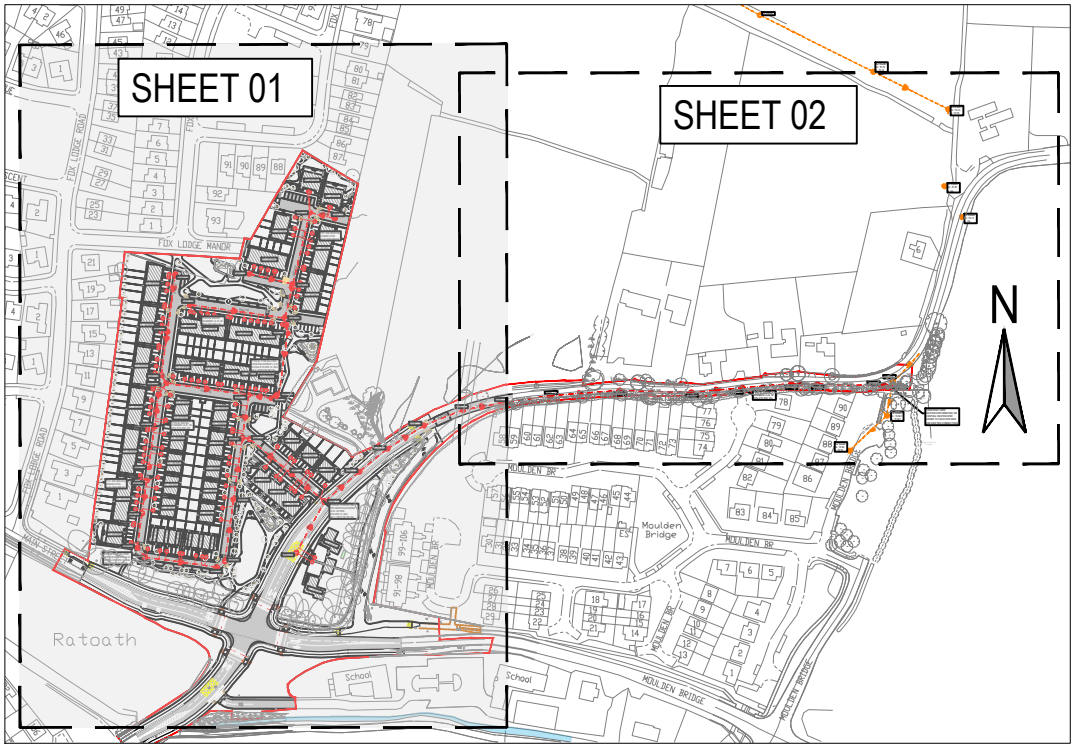
Client: MARSHALL YARDS DEVELOPMENT COMPANY LTD.

Project: BALLYBIN ROAD LRD, RATOATH, CO. MEATH

Drawing Title: PROPOSED WASTEWATER DRAINAGE LAYOUT SHEET 1

Drawn By: RR Checked By: PD Approved By: DOB Date: MARCH 2023 Scale: 1:500 Sheet Size: A0

Project Number: DOBA2334 Drawing Number: 2334-DOB-XX-SI-DR-C-0001 Status Code: S2 Rev Number: P09



KEY PLAN