



Underground Drilling Beneath Butterfly Habitat to Facilitate Stormwater Outfall (3.4m - 4.2m Below Ground Level)

File Name: \\cork03\Projects\Barry's Project Files\19 Projects\1915 - SHD\_Lands at Kibarry\00-WP\1915-18B-00-XX-DR-C-04002\_Proposed Drainage Layout - Sheet 2 of 3.dwg

BIM QUALITY SHEET NO.: PIM-JBB-00-XX-TP-Z-0003

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**LEGEND:**

APPLICATION BOUNDARY	
PROPOSED FOUL WATER DRAIN AND MANHOLE	
EXISTING FOUL SEWER	
PROPOSED FOUL WATER INSPECTION CHAMBER	
PROPOSED SURFACE WATER DRAIN AND MANHOLE	

**NOTES:**

UP TO INSPECTION CHAMBERS, THE FOUL SEWER SYSTEM HAS BEEN DESIGNED AND DETAILED IN ACCORDANCE WITH IRISH WATER'S CODE OF PRACTICE FOR WASTEWATER INFRASTRUCTURE (IW-CDS-5030-03) AND IRISH WATER'S WASTEWATER INFRASTRUCTURE STANDARD DETAILS (IW-CDS-5030-01).

THE FOUL SEWER SYSTEM IS TO BE CONSTRUCTED IN ACCORDANCE WITH IRISH WATER'S CODE OF PRACTICE FOR WASTEWATER INFRASTRUCTURE (IW-CDS-5030-03) AND IRISH WATER'S WASTEWATER INFRASTRUCTURE STANDARD DETAILS (IW-CDS-5030-01).

CONSTRUCTION OF THE FOUL SEWER SYSTEM SHALL ENSURE REQUIRED SEPARATION DISTANCES AS SPECIFIED IN SECTION 3.5 OF IW-CDS-5030-03.

FOUL SEWERS TO BE THERMOPLASTIC STRUCTURED WALL PIPES IN ACCORDANCE WITH SECTION 3.13 OF IW-CDS-5030-03.

FOUL SERVICE CONNECTIONS TO BE UPVVC PIPES IN ACCORDANCE WITH SECTION 3.13 OF IW-CDS-5030-03.

MANHOLES TO BE PRECAST CONCRETE AND IN ACCORDANCE WITH SECTION 3.12 OF IW-CDS-5030-03 AND STD-WW-10 OF IW-CDS-5030-01, WITH BACKDROP MANHOLES TO BE AS PER STD-WW-12.

WHERE LOCATED IN UNPAVED AREAS, MANHOLE COVERS TO BE SURROUNDED WITH A CONCRETE PLINTH AS PER NOTE 9 OF STD-WW-10 AND FORMED WITH C20/25 CONCRETE, 20MM AGGREGATE SIZE, BEDDED IN CLAUSE 804 MATERIAL.

Rev.	Suit.	Description	Drawn	Chkd	Date
P05	S3	Issued for Planning		TF	28.06.22
P04	S3	Issued to IW for Design Approval		TF	02.06.22
P03	S3	Issued for Pre Planning		TF	13.10.21
P02	S3	Minor Amendments		TF	26.06.20
P01	S3	Issued for Pre Planning		TF	11.06.20

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Project: **STRATEGIC HOUSING DEVELOPMENT AT KILBARRY**

Drawing Title: **DRAINAGE LAYOUT (SHEET 2 OF 3)**

Drawn by:	DOB	Date:	29.04.2020
Checked by:	RS	Date:	10.06.2020
Approved by:	TF	Date:	11.06.2020
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