

File Name : P:\Barry's Project Files\18 Projects\18203-Cairn Homes Development\100_ Work in Progress\01_Civil\02_Drawings\18203-JBB-1C-XX-DR-C-0505_Proposed_Foul_and_Surface_Water_Drainage_Layout_-_Sheet_5_of_6_P05.dwg



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

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LEGEND

- PROPOSED SURFACE WATER DRAIN AND MANHOLE
- EXISTING SURFACE WATER DRAIN AND MANHOLE
- PROPOSED FOUL WATER DRAIN AND MANHOLE
- EXISTING FOUL WATER DRAIN AND MANHOLE
- PROPOSED FOUL RISING MAIN
- PROPOSED FOUL RISING MAIN
- SURFACE WATER OUTFALL
- PROPOSED SPOT LEVELS
- SITE BOUNDARY

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 UPVC 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.

PRIVATE-SIDE INSPECTION CHAMBERS SHALL BE AS PER STD-WW-13.

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	Chk'd	Date
P05	S4	For Planning	JL	PME	15.04.19
P04	S4	For Planning	JL	PME	29.03.19
P03	S4	For Irish Water Review	JL	PME	08.03.19
P02	S4	For Irish Water Review	JL	PME	06.03.19
P01	S4	For Irish Water Review	JL	PME	11.01.19

Client

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Project
STRATEGIC HOUSING DEVELOPMENT
CASTLETREASURE

Drawing Title
PROPOSED FOUL AND SURFACE WATER
DRAINAGE LAYOUT
(SHEET 5 OF 6)

Drawn by: JL **Date:** 11.02.19
Checked by: PMcE **Date:** 11.02.19
Approved by: TF **Date:** 11.02.19

Internal Project REF: JBB: 18203
Scales: 1:500 @ A1
Stage: PLANNING

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