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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	
EXISTING 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 B04 MATERIAL.

Rev.	Suit.	Description	Drawn	Chk'd	Date
P05	S4	For Planning	JL	PME	17.04.19
P04	S4	For Planning	JL	PME	15.04.19
P03	S4	For Planning	JL	PME	29.03.19
P02	S4	For Irish Water Review	JL	PME	06.03.19
P01	S4	For Irish Water Review	JL	PME	08.01.19

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Project

STRATEGIC HOUSING DEVELOPMENT
CASTLETREASURE

Drawing Title

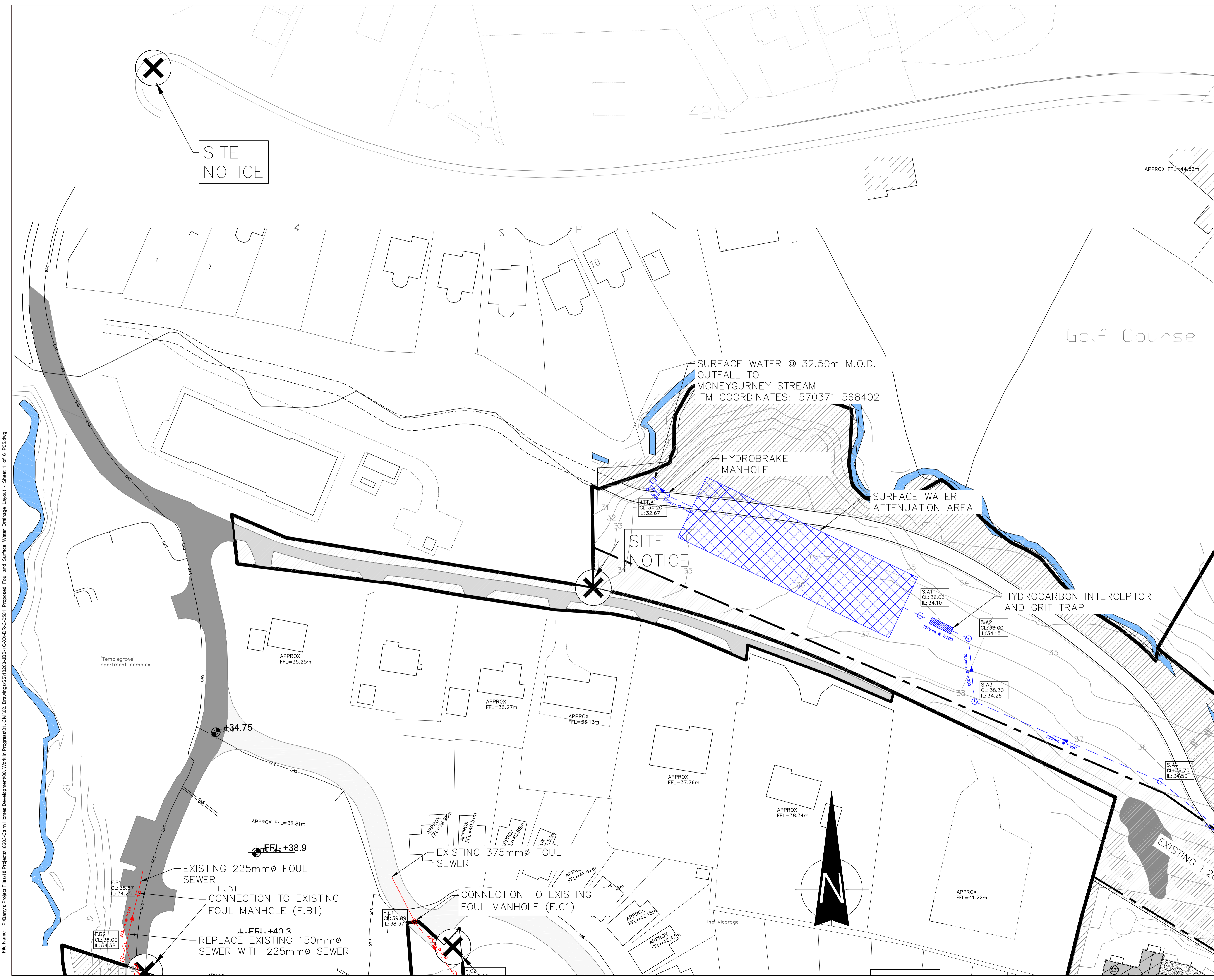
PROPOSED FOUL AND SURFACE WATER
DRAINAGE LAYOUT
(SHEET 1 OF 6)

Drawn by:	JL	Date:	08.01.19
Checked by:	PME	Date:	08.01.19
Approved by:	TF	Date:	08.01.19

Internal Project REF: JBB-18203
Scales: 1:500 @ A1

Stage: PLANNING

Drawing No.:	18203-JBB-1C-XX-DR-C-0501	Revision	P05	Suitability Code	S4
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SITE NOTICE

SITE NOTICE

SURFACE WATER @ 32.50m M.O.D.
OUTFALL TO
MONEYGURNEY STREAM
ITM COORDINATES: 570371 568402

HYDROBRAKE
MANHOLE

SURFACE WATER
ATTENUATION AREA

HYDROCARBON INTERCEPTOR
AND GRIT TRAP

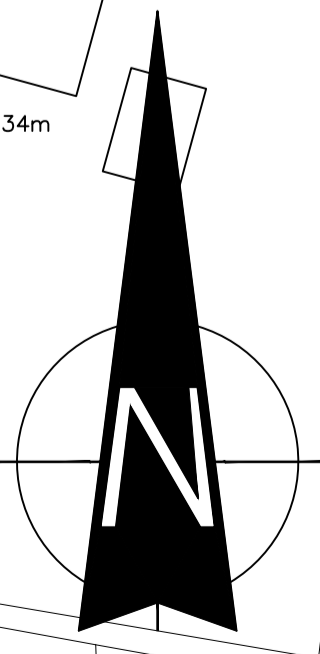
EXISTING 225mmØ FOUL
SEWER

CONNECTION TO EXISTING
FOUL MANHOLE (F.B1)

REPLACE EXISTING 150mmØ
SEWER WITH 225mmØ SEWER

EXISTING 375mmØ FOUL
SEWER

CONNECTION TO EXISTING
FOUL MANHOLE (F.C1)



File Name: P:\Barry's Project Files\18 Projects\18203-Cairn Homes Development\001 - Work in Progress\01 - Civi\02 - Drawings\18203-JBB-1C-XX-DR-C-0501 - Proposed_Foul_Land_Surface_Water_Drainage_Layout_Sheet_1_of_6_P05.dwg