

IRISH WATER STANDARD DETAILS AND CODE PRACTICE (FOUL DRAINAGE):
 ALL OF THE UNDERGROUND FOUL DRAINAGE WORKS, FROM THE PUBLIC SIDE INSPECTION CHAMBER TO NEW CONNECTION TO EXISTING PUBLIC MANHOLE, SHOULD BE CARRIED OUT IN ACCORDANCE WITH IRISH WATER'S (IW) "WASTEWATER INFRASTRUCTURE STANDARD DETAILS" AND "CODE OF PRACTICE FOR WASTEWATER INFRASTRUCTURE".

PIPE MATERIALS:
 1. SERVICE CONNECTIONS FROM DWELLINGS TO BE 100mm Ø UNPLASTICISED PVC IN ACCORDANCE WITH SECTION 3.13 OF IW CODE PRACTICE.
 2. FOUL SEWERS TO BE IN ACCORDANCE WITH SECTION 3.13 OF THE IW CODE OF PRACTICE.

TESTING:
 1. FOUL SEWER AND MANHOLES TO BE TESTED IN ACCORDANCE WITH SECTION 4.10 OF IW CODE OF PRACTICE.
 2. CCTV AND MANHOLE CONDITION SURVEYS TO BE CARRIED OUT IN ACCORDANCE WITH SECTION 1.9 OF IW CODE OF PRACTICE IN ADVANCE OF THE DEFECTS LIABILITY PERIOD.

IRISH WATER INSPECTIONS & AS-BUILTS:
 1. CONTRACTOR TO ENSURE THAT IW FIELD ENGINEERS INSPECT WORKS IN ACCORDANCE WITH THE QUALITY ASSURANCE (QA) FIELD INSPECTION REQUIREMENTS MANUAL.
 2. CONTRACTOR TO ENSURE THAT AS CONSTRUCTED ELEMENTS ARE ADEQUATELY SURVEYED PRIOR TO COVERING UP TO ENSURE AS-BUILT DRAWINGS IN ACCORDANCE WITH QUALITY ASSURANCE (QA) FIELD INSPECTION REQUIREMENTS MANUAL CAN BE PRODUCED ON COMPLETION OF WORK.

CONSTRUCTION DETAILS:
 ALL SITE WATER SERVICES TO BE IN ACCORDANCE WITH CURRENT IRISH WATER INFRASTRUCTURE STANDARD DETAILS REFER TO IRISH WATER STANDARD DETAILS, DOCUMENT No. I.W.-CDS-5030-01

TECHNICAL GUIDANCE DOCUMENT PART H (SURFACE WATER & PRIVATE FOUL DRAINAGE):
 ALL PRIVATE FOUL DRAINAGE UPSTREAM OF THE IRISH WATER PRIVATE SIDE INSPECTION CHAMBER AND ALL OF THE SURFACE WATER DRAINAGE SHOULD BE CARRIED OUT IN ACCORDANCE WITH PART H - DRAINAGE & THE GREATER DUBLIN REGIONAL CODE OF PRACTICE FOR DRAINAGE WORKS.

MATERIALS:
 1. ALL UNDERGROUND PIPEWORK TO BE IN ACCORDANCE WITH TABLE 7 OF PART H & SECTION 11 OF THE GREATER DUBLIN REGIONAL CODE OF PRACTICE FOR DRAINAGE WORKS.

MANHOLES:
 1. ALL SURFACE WATER MANHOLES TO BE CONSTRUCTED IN ACCORDANCE WITH SECTION 9 OF THE GREATER DUBLIN REGIONAL CODE OF PRACTICE FOR DRAINAGE WORKS.

BEDDING:
 1. ALL UNDERGROUND PIPEWORK TO BE IN ACCORDANCE WITH DIAGRAM 8 OF PART H & SECTION 11 OF THE GREATER DUBLIN REGIONAL CODE OF PRACTICE FOR DRAINAGE WORKS

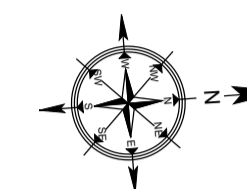
TESTING:
 1. TESTING TO BE IN ACCORDANCE WITH SECTION 12 OF THE GREATER DUBLIN REGIONAL CODE OF PRACTICE FOR DRAINAGE WORKS.
 2. ALL EXISTING SEWERS WITHIN THE SITES BOUNDARY SHOULD BE CCTV SURVEYED PRIOR TO COMMENCEMENT OF WORKS.
 3. ALL NEW DRAINAGE SHOULD BE CCTV SURVEYED ON COMPLETION OF WORKS.

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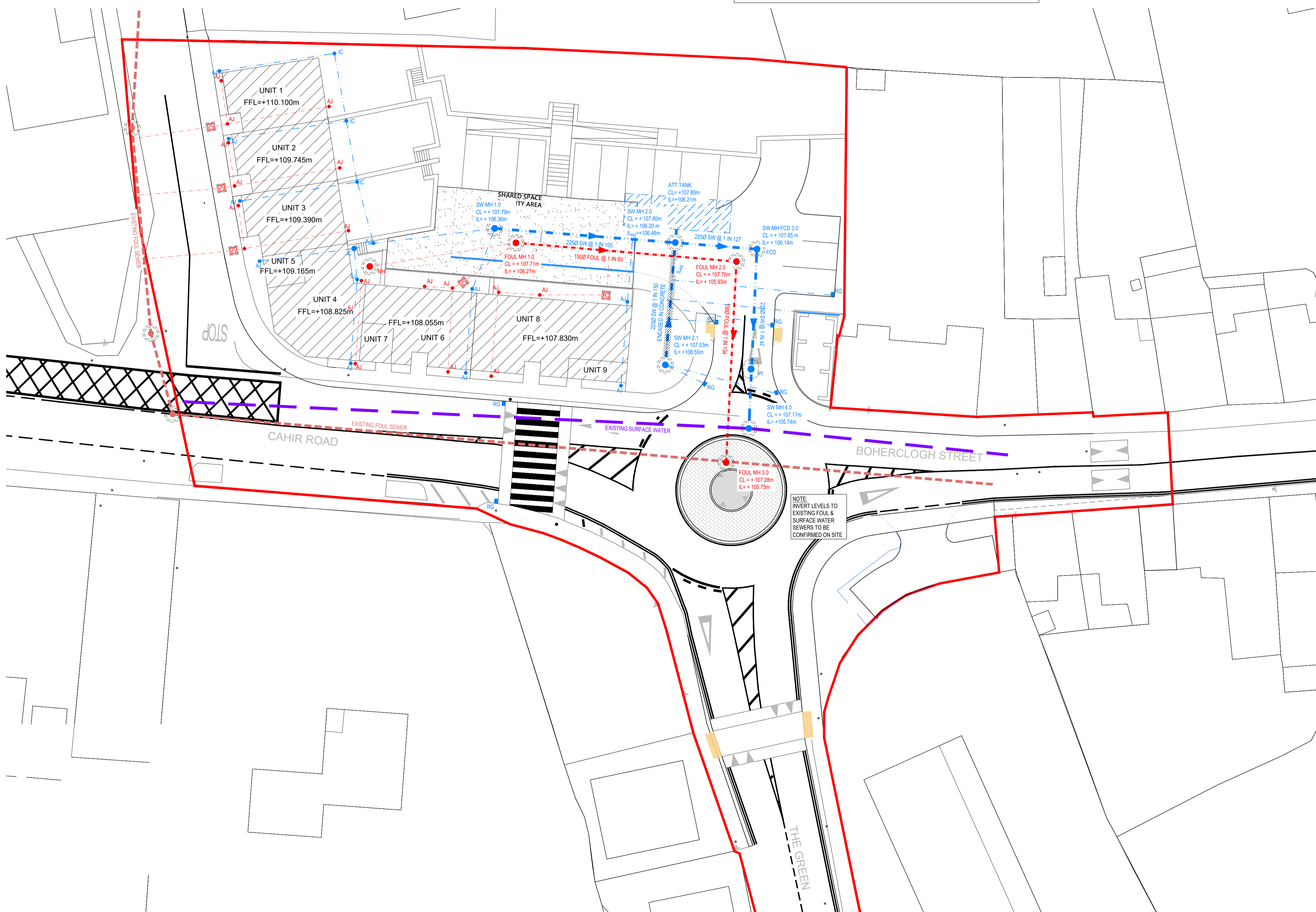
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NOTES:
 1. ALL DIMENSIONS ARE IN MILLIMETRES AND LEVELS IN METRES UNLESS NOTED OTHERWISE.
 2. USE FIGURED DIMENSIONS ONLY. DO NOT SCALE.
 3. DRAWINGS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ENGINEER'S, ARCHITECT'S AND SERVICE ENGINEER'S DRAWINGS AND SPECIFICATIONS.
 4. ALL WORKS TO BE CARRIED OUT IN ACCORDANCE WITH CURRENT BUILDING REGULATIONS.



LEGEND:

- SITE BOUNDARY
- EXISTING SURFACE WATER SEWER
- PROPOSED SURFACE WATER SEWER
- IC ● PROPOSED SURFACE WATER INSPECTION CHAMBER AS PER PART H (600-1000mm DEEP Ø450mm)
- AJ ● PROPOSED SURFACE WATER AJ AS PER PART H (400-600mm DEEP, Ø300mm)
- RG ● PROPOSED ROAD GULLY
- 1000 PRIVATE SW @ MINIMUM 1:100
- FCD ● FLOW CONTROL DEVICE, MAX DISCHARGE = 5 l/s (MANHOLE BENCHES AS PER MANUFACTURERS REQUIREMENTS)
- PI ● PETROL INTERCEPTOR
- ATT.TANK ● ATTENUATION TANK (STORAGE VOLUME = 18m³)
- EXISTING FOUL SEWER
- PROPOSED FOUL SEWER
- IC(H) ● PROPOSED FOUL INSPECTION CHAMBER AS PER IW DETAIL STD-WW-13 (CIRCA 900mm DEEP)
- IC(H) ● PROPOSED FOUL INSPECTION CHAMBER AS PER PART H (600-1000mm DEEP, Ø450mm)
- AJ ● PROPOSED FOUL AJ AS PER PART H (400-600mm DEEP, Ø300mm)
- 1000 PRIVATE FOUL @ MINIMUM 1:60



NOTE:
 INVERT LEVELS TO EXISTING FOUL & SURFACE WATER SEWERS TO BE CONFIRMED ON SITE

PROPOSED DRAINAGE LAYOUT
 SCALE 1:200 @ A1

REV.	DESCRIPTION	PROD.	VERIF.	APPR.	DATE

PLANNING

DRA
 CONSULTING ENGINEERS

NSAI

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CLIENT:		TIPPERARY COUNTY COUNCIL	
PROJECT:		DEVELOPMENT AT BOHERCLOGH STREET, CASHEL, CO. TIPPERARY	
TITLE:		PROPOSED DRAINAGE PLAN	
DATE:	24/05/2021	SCALE:	AS SHOWN @ A1
DESIGNER:	STR	DRG. No.	21075-150
PRODUCER:	STR	REV.	1
VERIFIER:	JR		
APPROVER:	AD		