

### CIVIL LEGEND

EX. SURFACE WATER MANHOLE	Ex.S □ Ex.S ○
EX. SURFACE WATER PIPE	PIPE DESCRIPTION
EX. COMBINED MANHOLE	Ex.C □ Ex.C ○
EX. IRISH WATER COMBINED SEWER PIPE	PIPE DESCRIPTION
EX. COMBINED PIPE (PRIVATE)	PIPE DESCRIPTION
NEW FOUL MANHOLE	F ●
NEW FOUL PIPE	PIPE DESCRIPTION
NEW SURFACE WATER MANHOLE	S ■
NEW SURFACE WATER PIPE	PIPE DESCRIPTION
DECOMMISSIONED LINE	—
EX. COMBINED ACCESS JUNCTION	○
EX. SURFACE WATER ACCESS JUNCTION	○
NEW FOUL WATER ACCESS JUNCTION	○
NEW SURFACE WATER ACCESS JUNCTION	○
RAINWATER PIPE	○ RWP
ROAD GULLEY	■ RG
GULLEY TRAP	■ GT

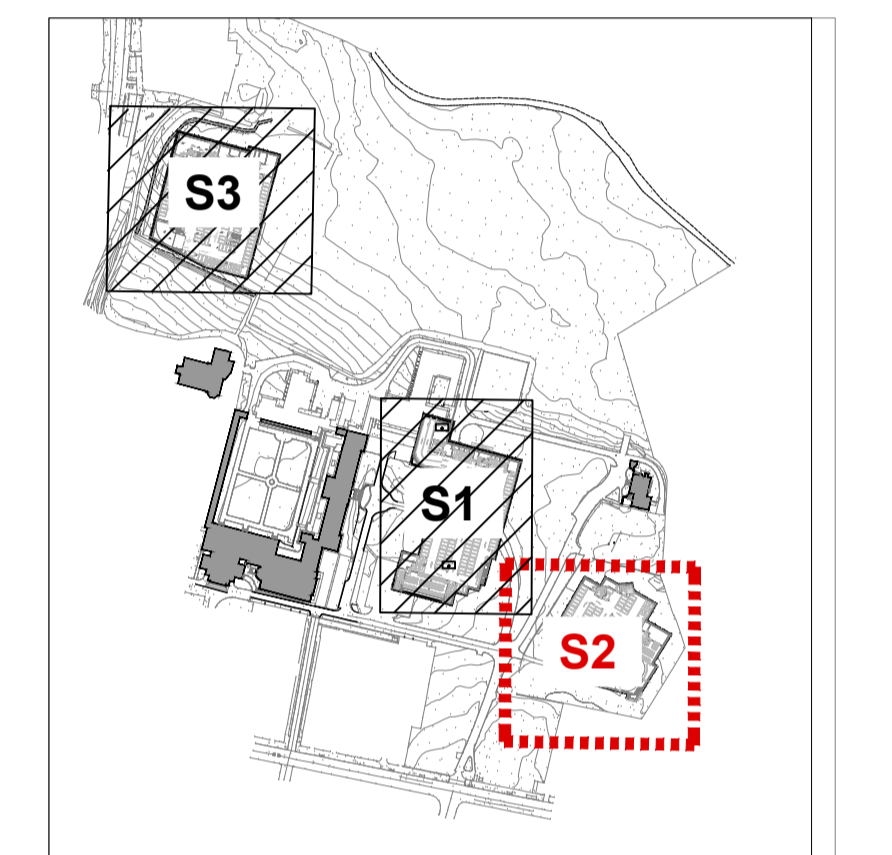
- ### NOTES
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL ENGINEERS & ARCHITECT'S DRAWINGS FIGURED DIMENSIONS ONLY (NOT SCALING) TO BE USED. WHERE A CONFLICT OF INFORMATION EXISTS OR IF IN ANY DOUBT - 'ASK'.
  - CONSULTANTS TO BE INFORMED IMMEDIATELY OF ANY DISCREPANCIES BEFORE WORK PROCEEDS.
  - THE CONTRACTOR SHALL CONSTRUCT ALL FOUL WATER DRAINAGE IN ACCORDANCE WITH THE LATEST IRISH WATER 'CODE OF PRACTICE FOR WASTEWATER INFRASTRUCTURE' & 'WASTEWATER INFRASTRUCTURE STANDARD DETAILS'.
  - POSITIONS OF SERVICES SHOWN ARE INDICATIVE ONLY. THE SETTING-OUT OF ALL SERVICES INDICATED IS THE RESPONSIBILITY OF THE CONTRACTOR, AND HE/SHE SHALL SATISFY THEMSELVES THAT THE REQUIRED DEPTH OF COVER AND SEPARATION DISTANCES ARE ACHIEVED IN ACCORDANCE WITH THE IRISH WATER 'CODE OF PRACTICE FOR WASTEWATER INFRASTRUCTURE' & 'WASTEWATER INFRASTRUCTURE STANDARD DETAILS'.
  - THE CONTRACTOR SHALL REVIEW THE PLAN LAYOUTS PRIOR TO COMMENCEMENT HAVING REGARD TO THE REQUIREMENTS OF THE 'WASTEWATER INFRASTRUCTURE STANDARD DETAILS' PUBLISHED BY IRISH WATER. WHERE A DISCREPANCY BETWEEN BMCE PLAN LAYOUT DRAWINGS AND THE RELEVANT REQUIREMENTS OF THE 'CODE OF PRACTICE FOR WASTEWATER INFRASTRUCTURE' & 'WASTEWATER INFRASTRUCTURE STANDARD DETAILS' IS IDENTIFIED, THE CONTRACTOR MUST CONSULT BMCE, PRIOR TO COMMENCING CONSTRUCTION, SO THAT AN APPROPRIATE DESIGN AMENDMENT CAN BE MADE IF REQUIRED.
  - THE GENERAL SPECIFICATION FOR THE FOUL WATER NETWORK ON THE PROJECT SHALL BE THE 'CODE OF PRACTICE FOR WASTEWATER INFRASTRUCTURE' & 'WASTEWATER INFRASTRUCTURE STANDARD DETAILS' PUBLISHED BY IRISH WATER (LATEST EDITION). THE CONTRACTOR SHALL FAMILIARISE HIMSELF WITH ALL ASPECTS OF THIS DOCUMENT WHICH SHALL BE READ IN CONJUNCTION WITH THIS PARTICULAR SPECIFICATION.

- ### EXTRACT OF RESPONSIBILITIES
- Design Engineer (BMCE) is responsible for:
- Designing the Works required to service the development in accordance with Irish Water's Codes of Practice and Standard Details.
  - Certifying that the design complies with the Codes of Practice and Standard Details.
  - Accepting liability for compliance through their professional indemnity insurance which shall be kept in place for a period of 6 years after the completion of the Works.
  - Accepting responsibility for the design and ensuring that all aspects of the design meet current Building Regulations, Planning Permission, any other relevant standards and legal requirements.
  - Developing a risk assessment to ensure that risks to both the local community and operators of the water supply or wastewater collection and associated treatment system are minimised.
  - Forwarding to Irish Water's Design Engineer for approval of any proposed revisions to the agreed/verbed design.
  - Assisting in development of the Final Documents.
  - Responding to all IW correspondences in a timely manner.

- ### EXTRACT OF RESPONSIBILITIES
- Construction Engineer (NOT BMCE) is responsible for:
- Managing and arranging the construction of the Works in accordance with the requirements of the Connection Agreement, the Codes of Practice and the Standard Details.
  - Prior to starting the Works and following submission of the Commence Notice to Irish Water, arranging and attending a "Pre-Construction Meeting" with the IW Field Engineer.
  - Preparing and submitting for review to the IW Field Engineer an Inspection and Testing Plan for the Works, in accordance with the requirements of the relevant Codes of Practice (See Appendix 5).
  - Requesting the IW Field Engineer's attendance on site to witness all mandatory testing and commissioning of the Works - refer to Appendix 2 and Appendix 3 of this document for details of mandatory inspections and commissioning / tests.
  - Ensuring that the Works are acceptable to Irish Water.
  - Maintaining quality assurance documentation and as-built records on site (in the form of the QA Folder).
  - Facilitating site inspections by the Irish Water Field Engineers.
  - Ensuring as-constructed information is accurately recorded.
  - Assisting in the development of the Final Documents.
  - Submitting the Final Documents to the Field Engineer along with a completed Appendix 4, thereby requesting the provision of the Conformance Certificate.
  - Responding to all IW correspondences and any Non-Conformance Notices issued in a timely manner.

### LEGEND

PLANNING SITE BOUNDARY	—
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**KEY PLAN**  
SCALE @ A0: 1:5000  
SCALE @ A2: 1:1000

ISSUE	DATE	DESCRIPTION	DRN	ORIG	P.E.	P.D.
PL3	09.08.21	ISSUED FOR PLANNING APP.	SM	OK	MH	CK
PL2	26.03.21	ISSUED FOR I.W. APPROVAL	SM	OK	MH	CK
PL1	20.11.20	ISSUED FOR PRE-PLANNING APP.	SM	OK	MH	CK

DRAWING STAGE: **PLANNING**

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The Institution of Structural Engineers ACEI International Federation of Consulting Engineers

CLIENT <b>CWTC Multi Family ICAV acting on behalf of its sub-fund DBTR DR1 Fund</b>	
PROJECT TITLE <b>Holy Cross College SHD</b>	BM PROJECT No. <b>19.253</b>
MODEL REFERENCE	MODEL REV. SUITABILITY
DRAWING TITLE <b>PROPOSED BLOCK D2 BASEMENT DRAINAGE PLAN</b>	
DRAWING No. <b>CLN-BMCE-50-B1-DR-C-1003-S2</b>	ISSUE <b>PL3</b>

**PROPOSED BLOCK D2 BASEMENT DRAINAGE PLAN**  
SCALE @ A1: 1:200  
SCALE @ A3: 1:100