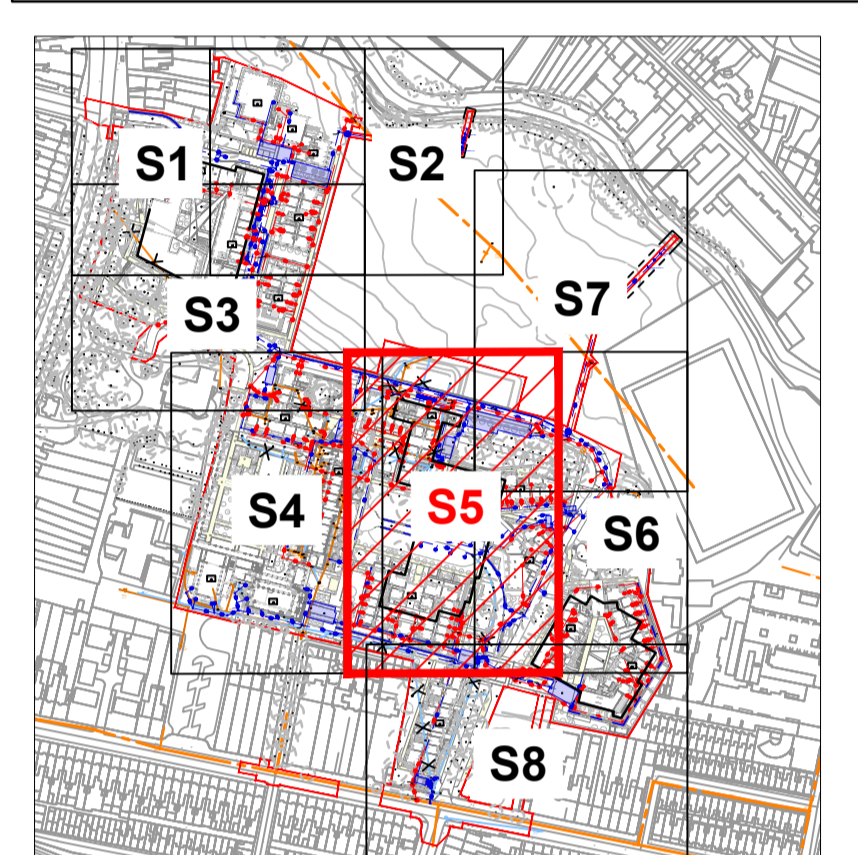
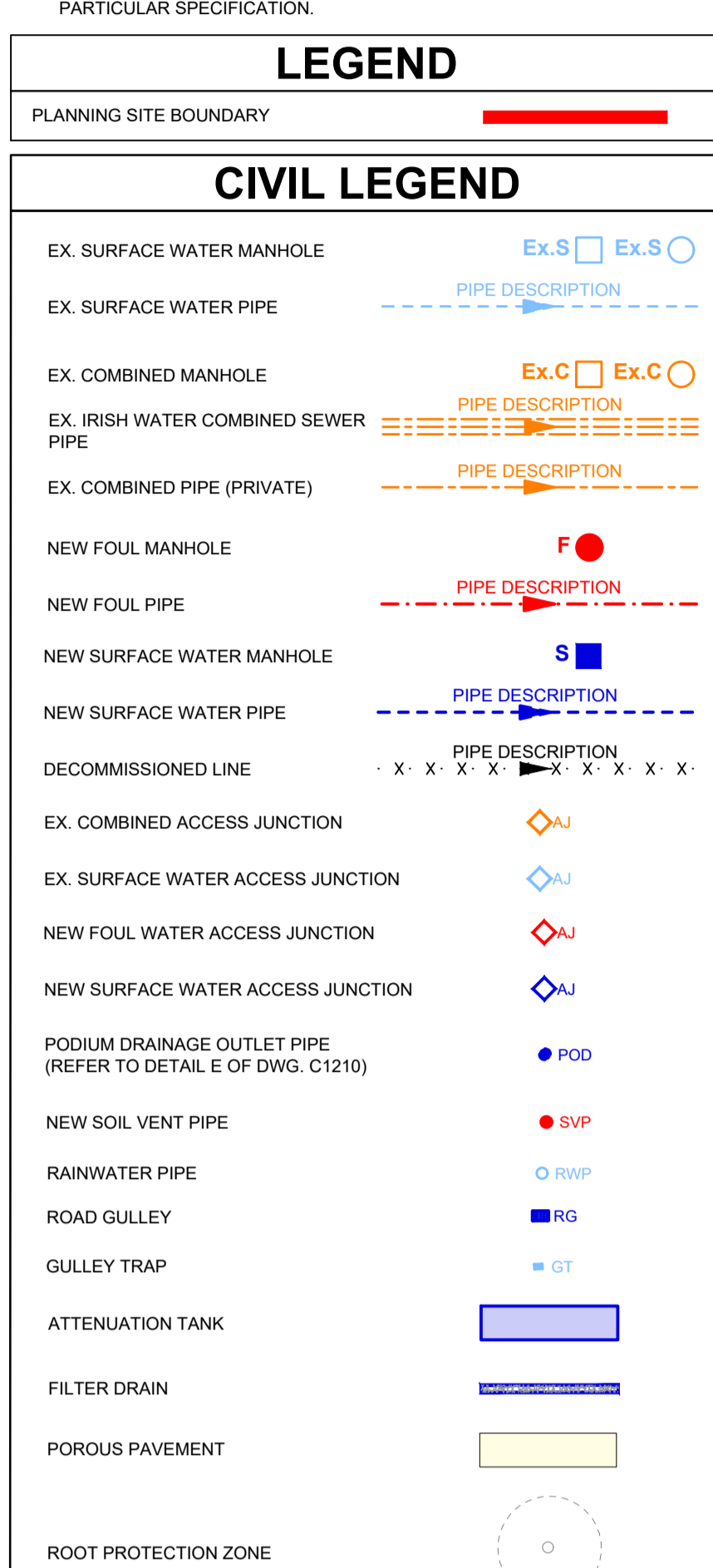


- ### NOTES
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL ENGINEERS & ARCHITECTS DRAWINGS. DIMENSIONS ONLY NOT SCALING TO BE USED. WHERE A CONFLICT OF INFORMATION EXISTS OR IN ANY DOUBT - ASK!
 - CONSULTANTS TO BE INFORMED IMMEDIATELY OF ANY DISCREPANCIES BEFORE WORK PROCEEDS.
 - THE CONTRACTOR 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 OF WORKS TO ENSURE THAT THE REQUIREMENTS OF THE WASTEWATER INFRASTRUCTURE STANDARD DETAILS PUBLISHED BY IRISH WATER, WHERE A DISCREPANCY BETWEEN THESE PLAN LAYOUT DETAILS AND THE 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 THE PARTICULAR SPECIFICATION.



NOTE
MINIMUM COVER TO ALL FOUL DRAINAGE SHALL BE ACHIEVED WHERE POSSIBLE AS PER REQUIREMENTS (1200mm UNDER ROADS AND 750mm UNDER LANDSCAPE AREAS), WHERE MINIMUM COVER IS NOT ACHIEVED FOUL SEWER SHALL BE CONCRETE ENCASED.

- ### EXTRACT OF RESPONSIBILITIES
- Design Engineer (BMCE) is responsible for:
- Designing the Works required to service the development in accordance with Irish Water's Code 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 systems are minimised.
 - Forwarding to Irish Water's Design Engineer for approval of any proposed revisions to the approved design.
 - Assisting in the development of the Final Documents.
 - Responding to all IW correspondence in a timely manner.

- ### EXTRACT OF RESPONSIBILITIES
- Construction Engineer (BMCE) is responsible for:
- Managing and arranging the construction of the Works in accordance with the requirements of the Construction Agreement, the Codes of Practice and the Standard Details.
 - Prior to starting the Works and following submission of the Commencement Notice to Irish Water, arranging and attending a "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 3).
 - 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 Compliance Certificate.
 - Responding to all IW correspondence and any Non-Conformance Notices issued in a timely manner.

PL4	09.08.21	ISSUED FOR PLANNING APP.	BM	MS	GL
PL3	30.04.21	ISSUED FOR I.W. APPROVAL	BM	MS	GL
PL2	31.03.21	ISSUED FOR DCC APPROVAL	BM	MS	GL
PL1	26.03.21	ISSUED FOR I.W. APPROVAL	BM	MS	GL

ISSUE	DATE	DESCRIPTION	BY	CHKD	APP'D

BM Broomfield Mansfield Consulting Engineers Ltd. Dublin Office: Suite 20, 55-56 Lower Sandwell Street, Dublin 2, Ireland. Tel: (01) 677 2000 Fax: (01) 677 3154

ACEI The Institution of Structural Engineers

CLIENT CWTC Multi Family ICVA acting on behalf of its sub-fund DBTR DR1 Fund

Holy Cross College SHD BM PROJECT NO: **19.253**

PROPOSED DRAINAGE SITE PLAN LAYOUT - SHEET 5 OF 8
SCALE @ A0: 1:200
SCALE @ A2: 1:400

MODEL REFERENCE	MODEL REV	SUITABILITY

PROPOSED DRAINAGE SITE PLAN LAYOUT - SHEET 5 OF 8

DRAWING NO: **CLN-BMCE-50-ZZ-DR-C-1008-55** ISSUE: **PL4**