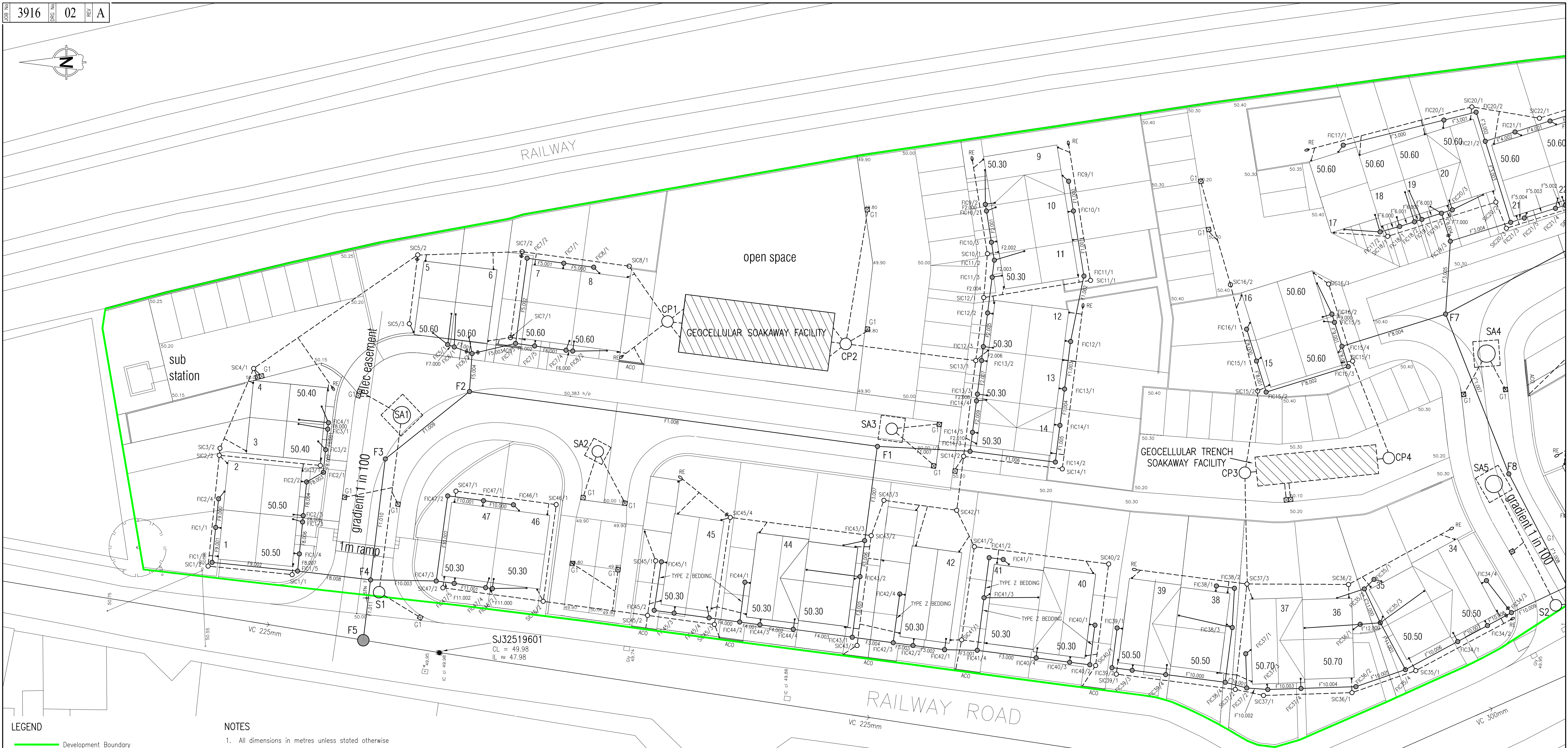
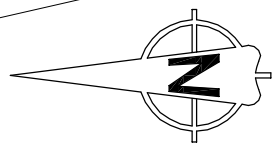
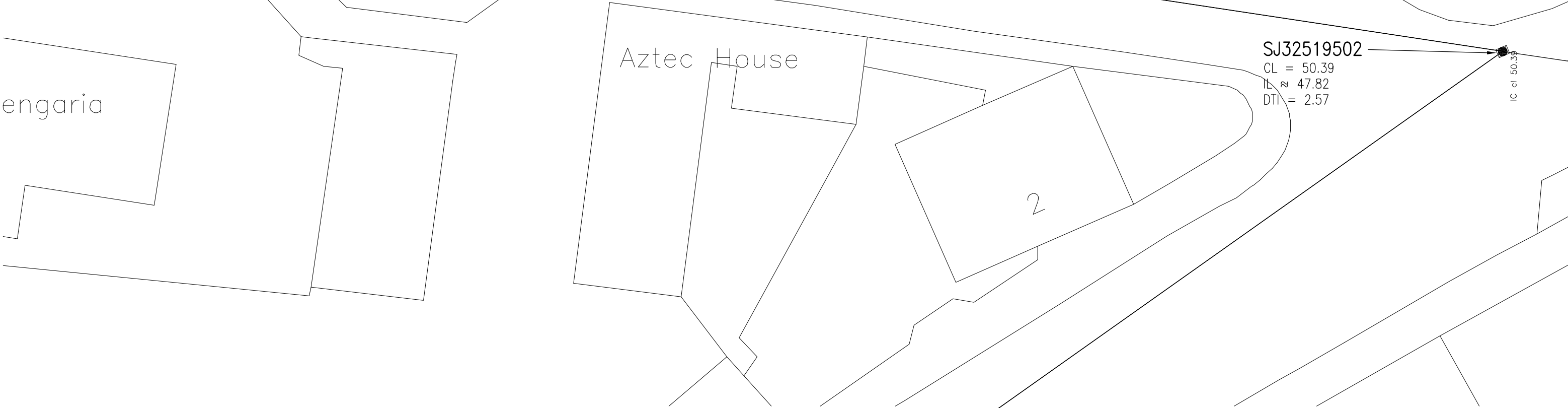




LEGEND

- Development Boundary
- Existing Adopted Foul/Combined Sewer
- Existing Adopted Foul Manhole
- Existing Adopted Combined Manhole
- New Surface Water Sewer
- New Foul Sewer
- New Foul Sewer
- New Foul Manhole and Reference to be Adopted
- New Foul Inspection Chamber and Reference to be Adopted
- New Foul Demarcation/Inspection Chamber and Reference to be Adopted
- New Foul Inspection Chamber and Reference
- New Surface Water Manhole and Reference to be Adopted (Highway Authority)
- New Surface Water Inspection Chamber Private
- New Highway Soakaway to be Adopted (Highway Authority)
- Private SW Rodding Eye & Reference
- Road Gully
- Private Yard Gully
- ACO Drain
- Backdrop

- NOTES**
- All dimensions in metres unless stated otherwise
 - All levels in metres relative to Local Datum as topographical survey by others
 - This drawing to be read in conjunction with all other drawings referred to on the document and drawing issue sheet
 - The Developer must self-vet and certify that the design criteria, material standards and workmanship specifications for the proposed adoptable sewers are in accordance with those set out in Sewers for Adoption 7th Edition and the requirements of DCWW as the Statutory Sewerage Undertaker, and the Welsh Ministers Standards
 - Foul and surface water drainage layout subject to detailed approval by Dwr Cymru/Welsh Water
 - Highway drainage and soakaways subject to the approval of Wrexham County Borough Council Highways and Drainage Departments. To be adopted under Section 38 agreement.
 - All proposed levels to be checked and confirmed on site by the contractor prior to commencement of works, any discrepancies to be reported to the engineer immediately. All downstream levels to be checked and confirmed by the contractor prior to construction of any upstream drainage.
 - Refer to architects drawings for all domestic foul & sw drainage connection positions around and within buildings
 - Refer to Sewers For Adoption 7th Edition and Welsh Ministers Standards Design and Construction of New Gravity Foul sewers and Lateral Drains (July 2012) for MH construction details
 - The plastic pipes approved by Dwr Cymru Welsh Water for Gravity sewers, for diameters of 150mm – 300mm, are as follows:
 - Marley Twinwall system
 - Uponor Ultrarib system
 - Osma Ultrarib system
 - Polys sewer Twinwall system
 - Polypipes – Rigisewer (400mm–600mm and 750mm–900mm)
 - The installer of UPVC pipework to adoptable sewers must be accredited with the British Plastics Federation (BPF), plastic pipes group. A copy of the Accreditation Certificate to be issued before any work on site is commenced
 - Highway chamber S1 and S2 to be type 7C catchpit construction in accordance with WBC drawing No 5/07/11s. See table on drawing 3916/D03 for cover and invert levels



FOR APPROVAL

REV	DATE	NATURE OF REVISION	BY	CHECKED
A	05.14	GENERAL ARRANGEMENT AMENDMENTS	JME	

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RICHARD BROWN ASSOCIATES

GOWER HOMES

**PROPOSED RESIDENTIAL DEVELOPMENT
THE SIDINGS
RAILWAY ROAD, WREXHAM**

**FOUL & SURFACE WATER
DRAINAGE LAYOUT: 1 OF 2**

SCALE	1:200	SZL	A1	DRAWN	CHKD	DATE	01.14	3916	02	REV	A
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