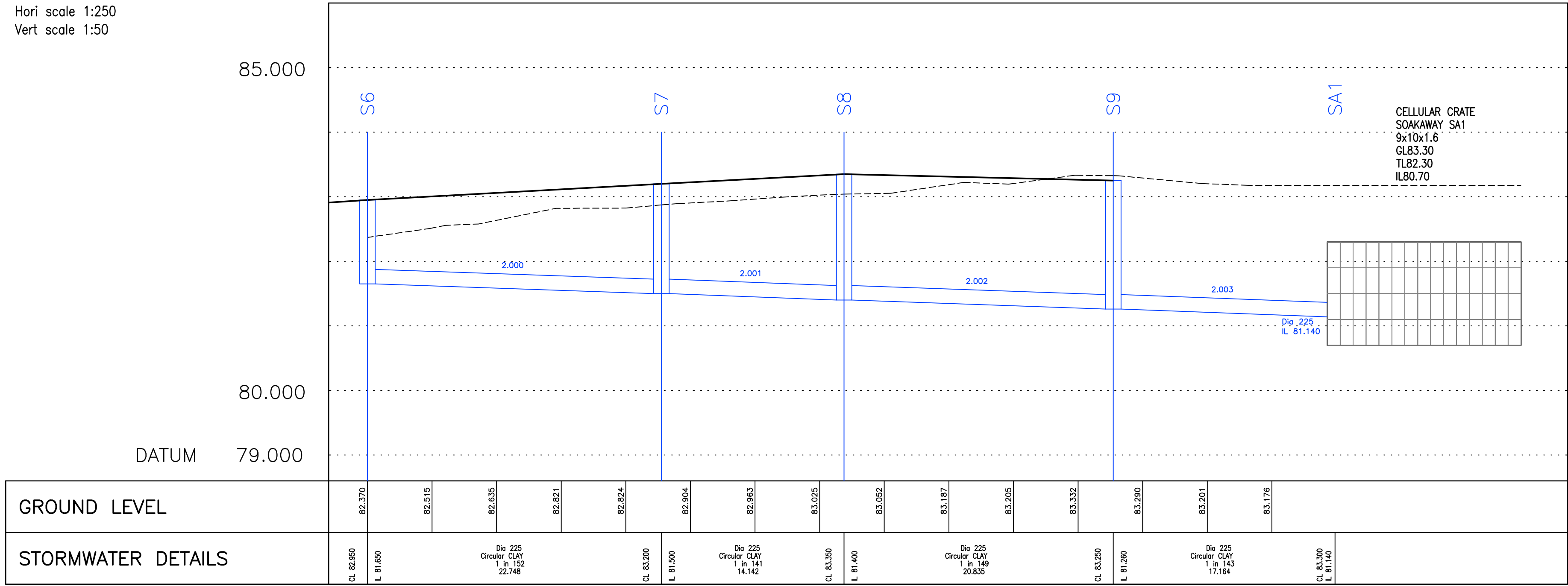
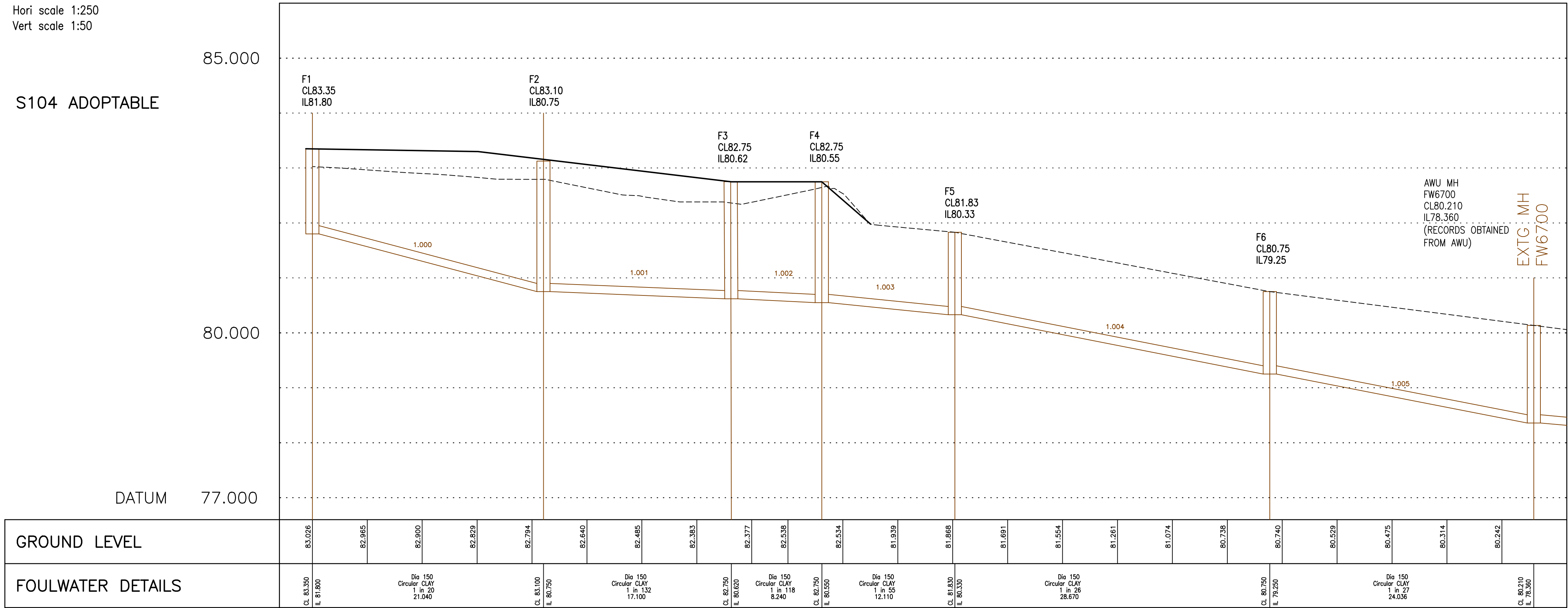


Hori scale 1:250
Vert scale 1:50



Hori scale 1:250
Vert scale 1:50



- ADOPTABLE DRAINAGE NOTES
- 2.1 All adoptable drainage works to be in accordance with the Sewerage Sector Guidance (SSG)
- 2.2 All adoptable drainage to be either:-
Vitrified Clayware to BS 65 and BS EN 295.
OR
Concrete to BS 5911 Part 100 Class M loading and flexibly jointed (Class 3 Sulphate resistant cement).
- Contractor to confirm the approval for the type of pipe and bedding being used with the adopting Authority prior to any construction commencing.
- 2.3 All precast concrete units are to be to BS 5911 (Class 3 Sulphate resistant cement).
- 2.4 All manhole covers and frames are to be to BS EN 124 and kite marked (refer to schedule for load class) and badged 'FW' or 'SW' as appropriate.
- 2.5 All gully grates and frames to be to BS EN 124 Class D400
- 2.6 Where foul and surface water sewers cross and there is less than 100mm clearance short lengths of both runs are to be encased in concrete.
- 2.7 All gully connections are to be made via pre-formed junctions.
- 2.8 For pipe bedding and backfill details refer to drawing number BA00378-C23.

NOTE:
THAMES WATER TO
REQUISITION THE OUTFALL
FROM MANHOLE F4 TO THE
EXISTING PUBLIC SEWER
FW6700

- Notes:
- 1.1 Do not scale from this drawing.
- 1.2 All dimensions are in m unless otherwise specified.
- 1.3 In case of any discrepancies in drawings or details refer to engineer for clarification. Unilateral decisions by the contractor will not be accepted.
- 1.4 This drawing is to be read in conjunction with all related Architects, Consultants & Sub-Contractors drawings and specifications.
- 1.5 The Contractor is to ensure that all design drawings and information are read concurrently and any discrepancies or omissions reported directly to Aventus Design.
- 1.6 This drawing is based upon the survey by Mark Beaver Surveying, reference 1021/03A dated 8th December 2022 provided in digital format.
- 1.7 Level datum of survey relate to OSGB36(02).
- 1.8 The grid relates to Ordnance Survey.
- 1.9 The Contractor must check the levels of all existing drainage outfalls prior to construction of any drainage, unless otherwise agreed, to ensure the proposed design may be achieved. Any discrepancies must be reported immediately to Aventus Design.
- 1.10 Sulphates have been determined as class 1 (DS-1) for design purposes in accordance with BRE Special Digest 1 (2001). Buried Concrete to be in accordance with ACEC Site Class AC-1.
- 1.11 All external building dimensions are to be checked against the Architects drawings prior to any construction commencing.
- 1.12 All adoptable highway works to be in accordance with the Local Authorities Specifications.
- 1.13 All adoptable drainage works to be in accordance with the Water Authorities standard guidelines for connections etc.
- 1.14 Formation to road/hardstanding to be proof rolled and any soft spots in subgrade of road/hardstanding areas are to be excavated and replaced with well compacted sub-base or free draining granular material to Department of Transport Specification for Highway Works Part 2' Table 6/1 Class 1 (General Granular Fill) and compacted in accordance with Table 6/4.

CDM REGULATIONS 2015

Aventus Design have considered and where reasonably practicable avoided foreseeable risks in the preparation of the design shown on this and related drawings. Significant risks which remain and associated control measures are identified in the Risk Register and should be given particular attention by the main contractor on site.

RISKS RELATING TO THIS DRAWING:
RISK NUMBERS 6 - 9 on Risk Register

NOTE: The Risk Register records only those elements considered unusual, difficult to manage or outside the anticipated expertise of a competent contractor.

Drawing Status PRELIMINARY ISSUE



B	24.04.25	FW section amended.	CU	-
A	31.07.24	F3 amended.	SU	-
REV.	DATE	DESCRIPTION	CHK	APP

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Civil & Structural Engineers

Client: Cala Homes

Site: Oughtonhead Lane,
Hitchin,
Herts. SG5 2NA

Title: Long Sections 3 of 3

Drawing no.	BA00378-C13	Aventus Ref.	H1402
Issue:	Scale: 1:200/1:50 @ A1	Checked: -	Date: -
B	Dwn: S.U.	Dater: Aug '23	Approve: -

50mm
100mm
150mm
200mm
250mm
ORIGINAL SIZE - A1