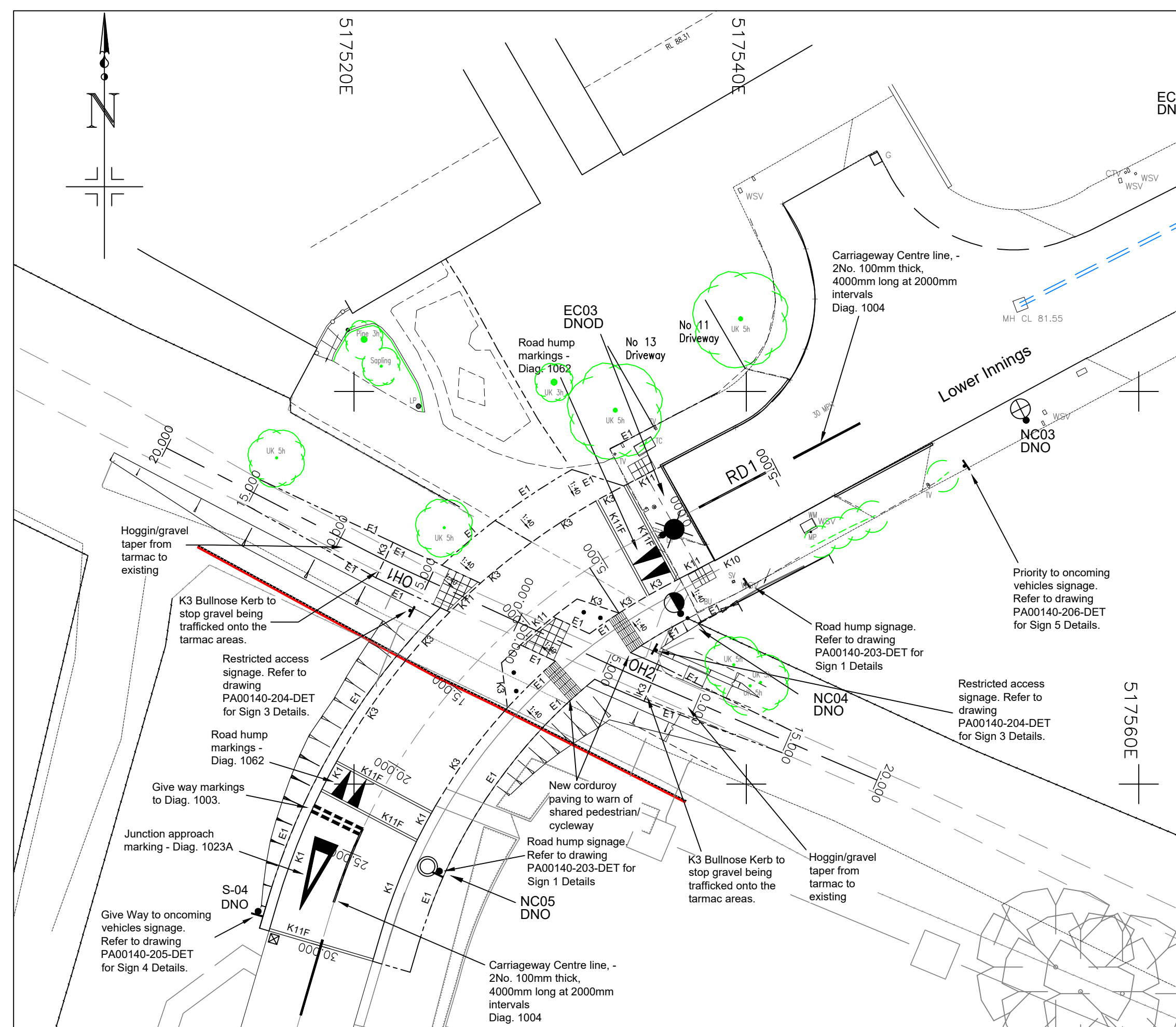
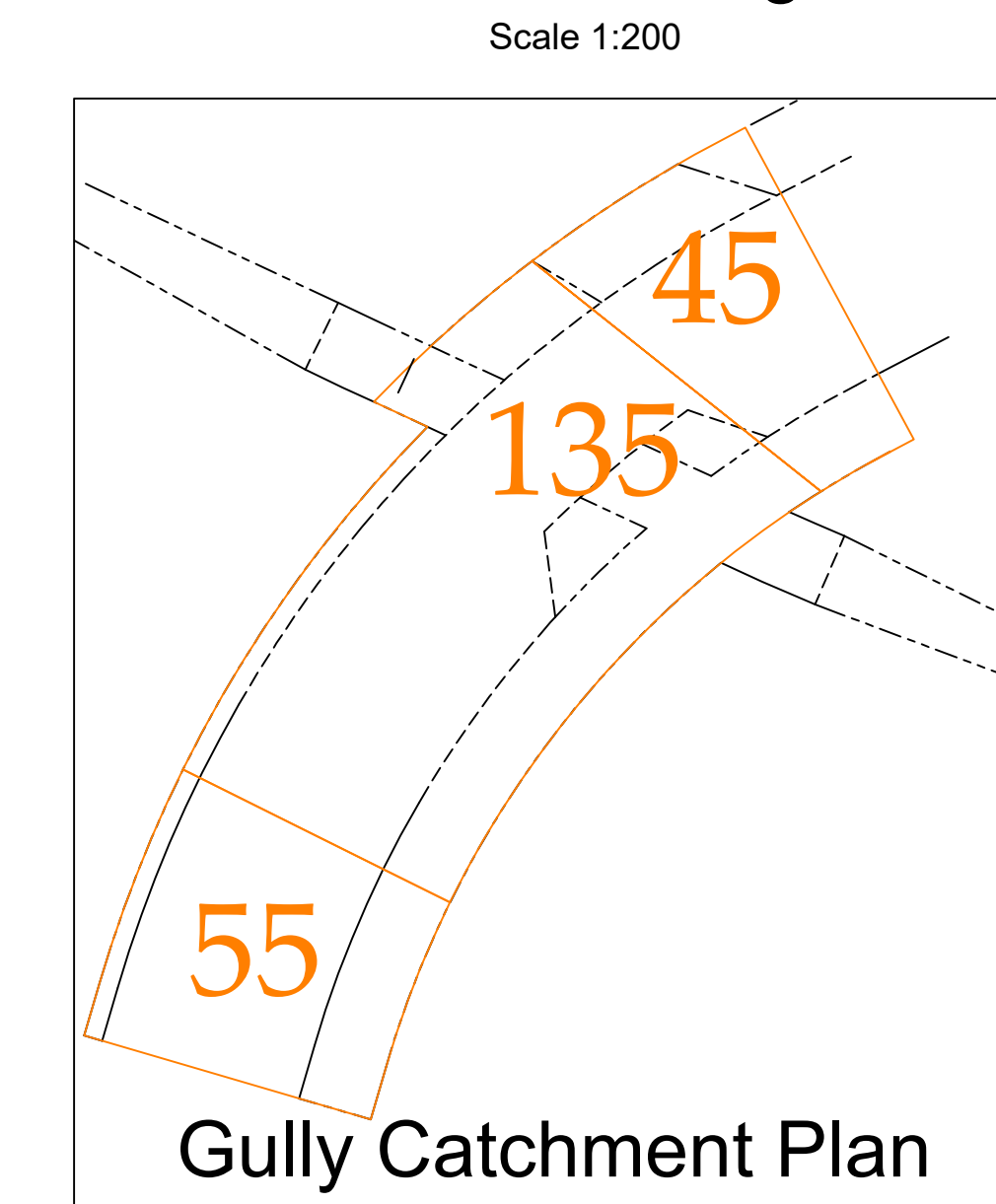




Section 278 Kerbs Signs, Markings



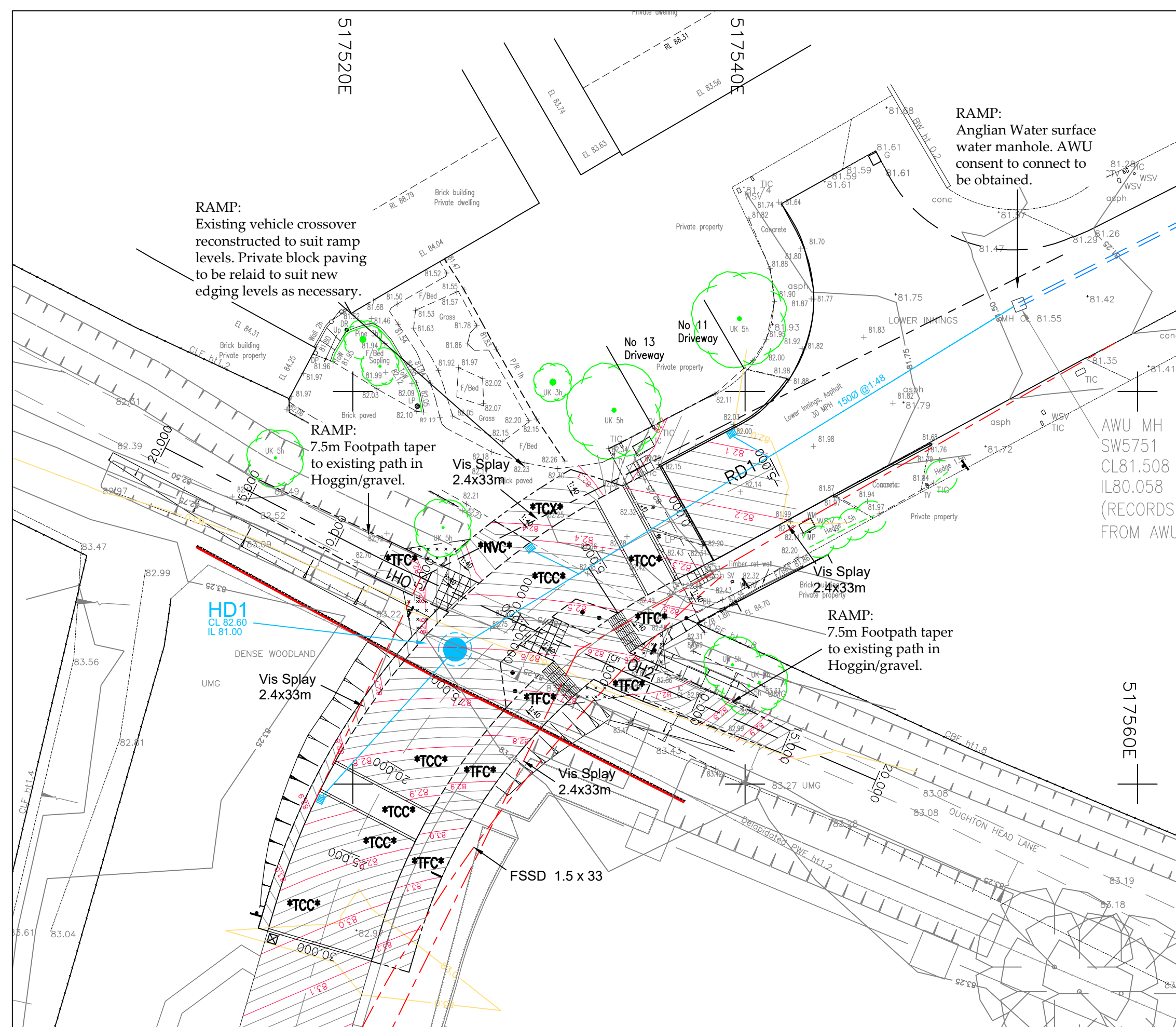
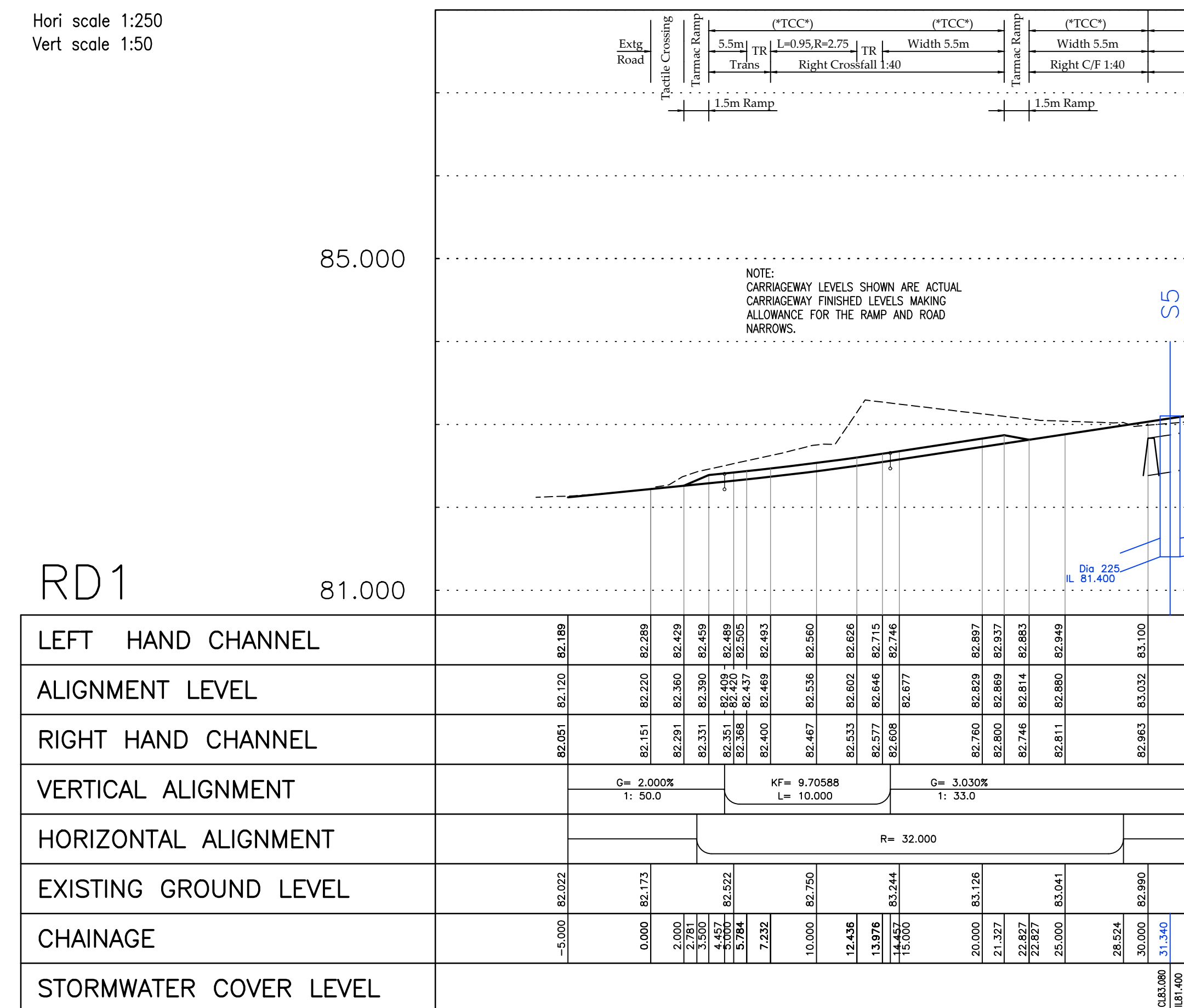
NOTE:
All lining & signing to be in accordance with Traffic sign Regulations and General Directions 2016. All Road signs to be set 500mm minimum from the carriageway edge and to be set 500mm minimum from footway edge for footway signage.

NOTE:
Existing Visibility splays to be maintained and kept clear at all times. Hedge cutting / tree pruning to be carried out as necessary. Within the visibility splays, no obstructions of any kind, inclusive of vegetation, planting, fencing or boundary walls shall exceed 600mm in height.

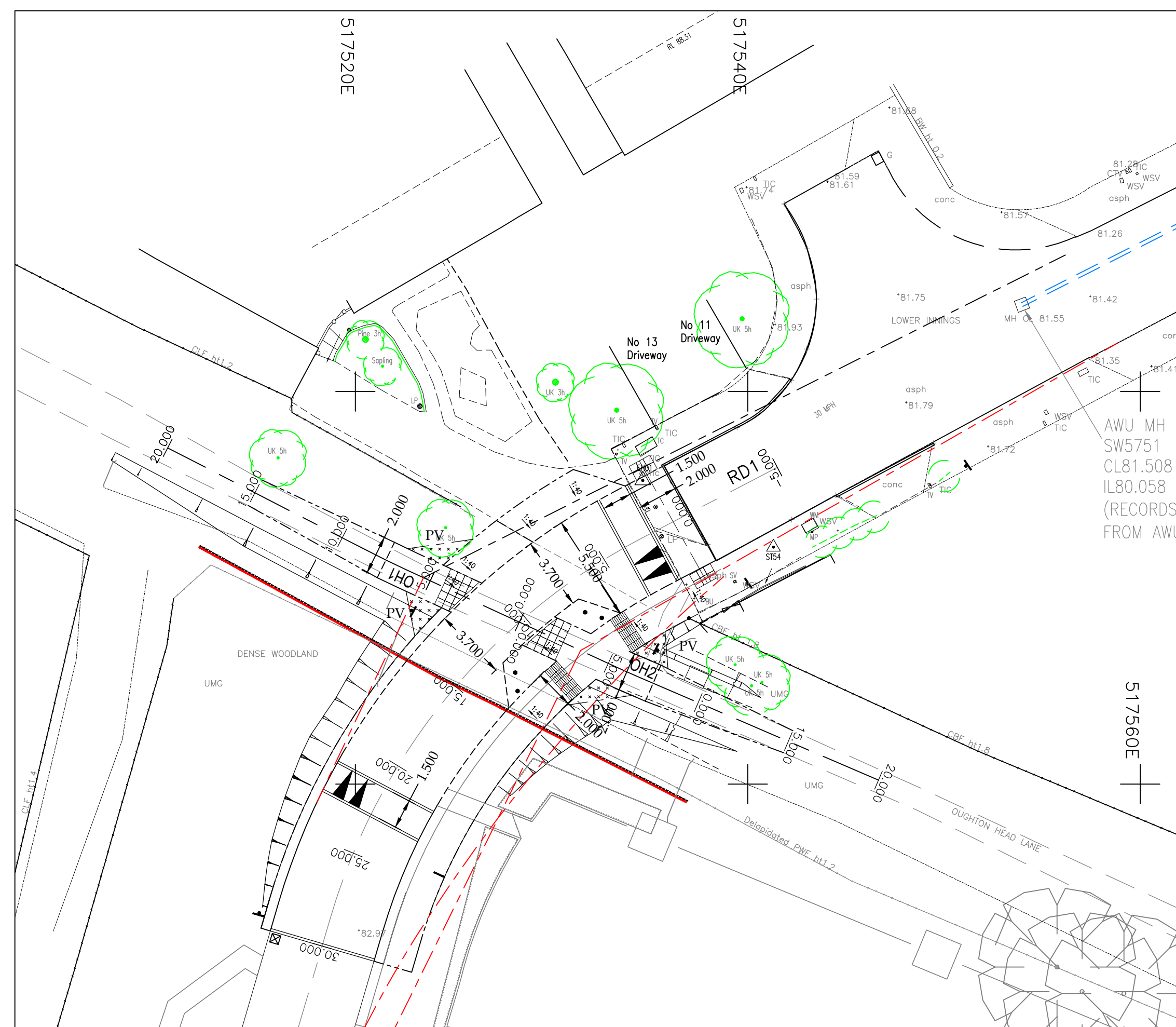
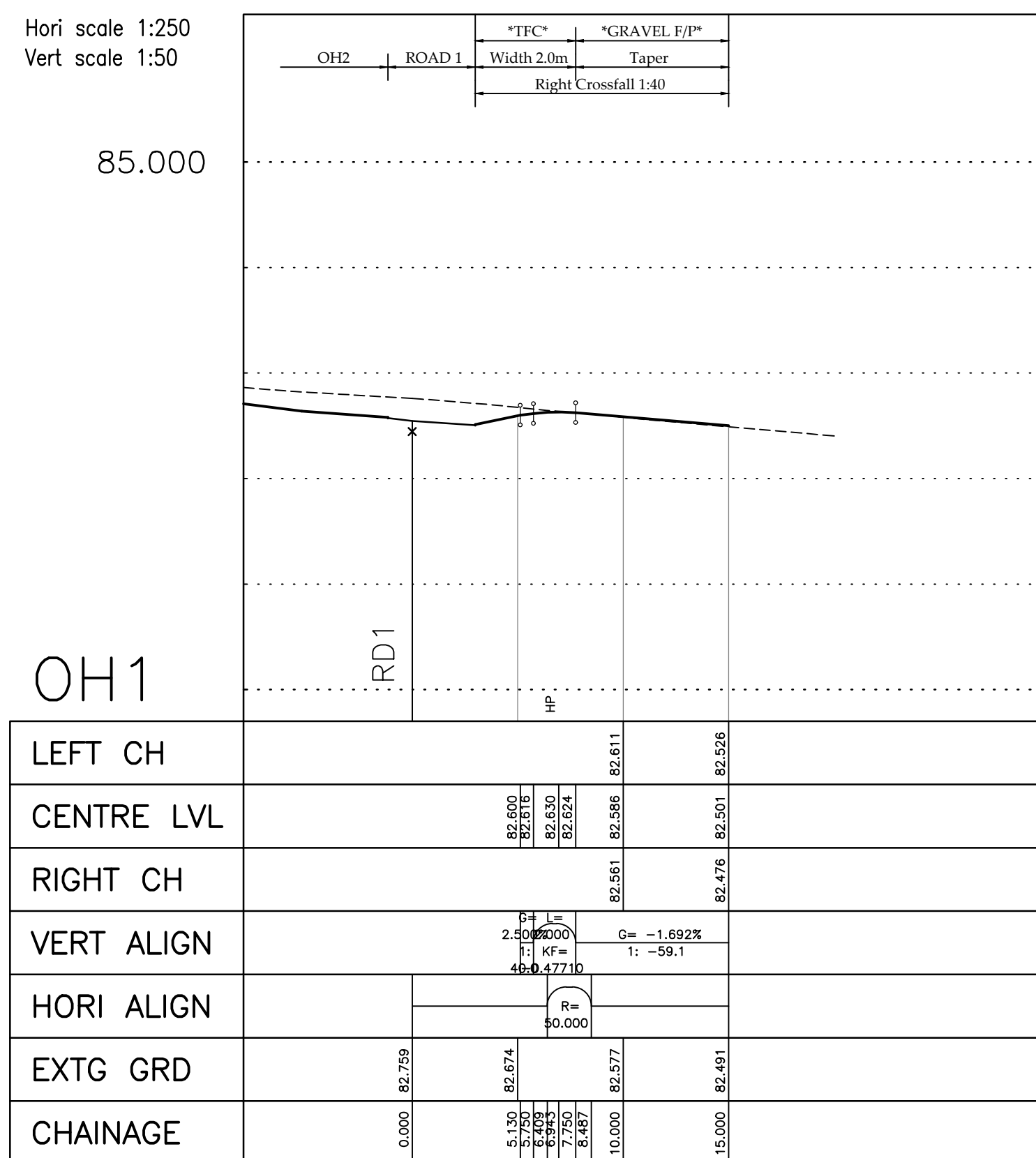
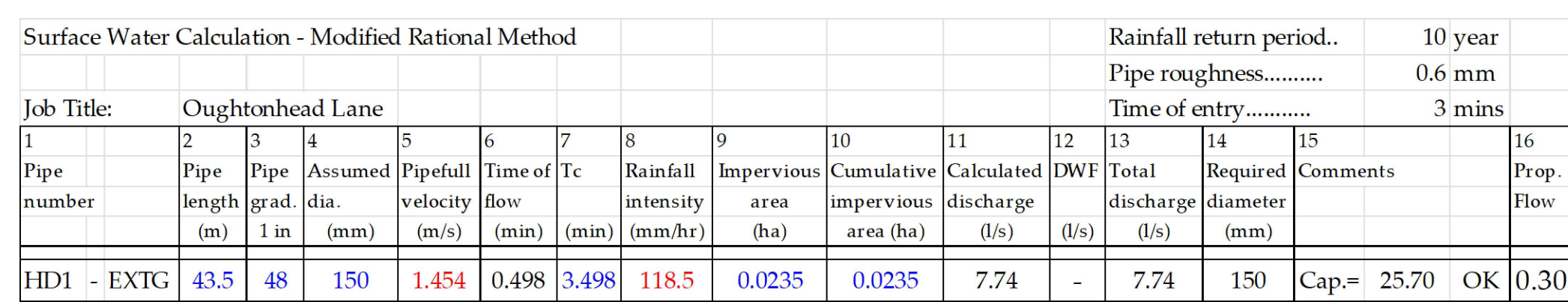
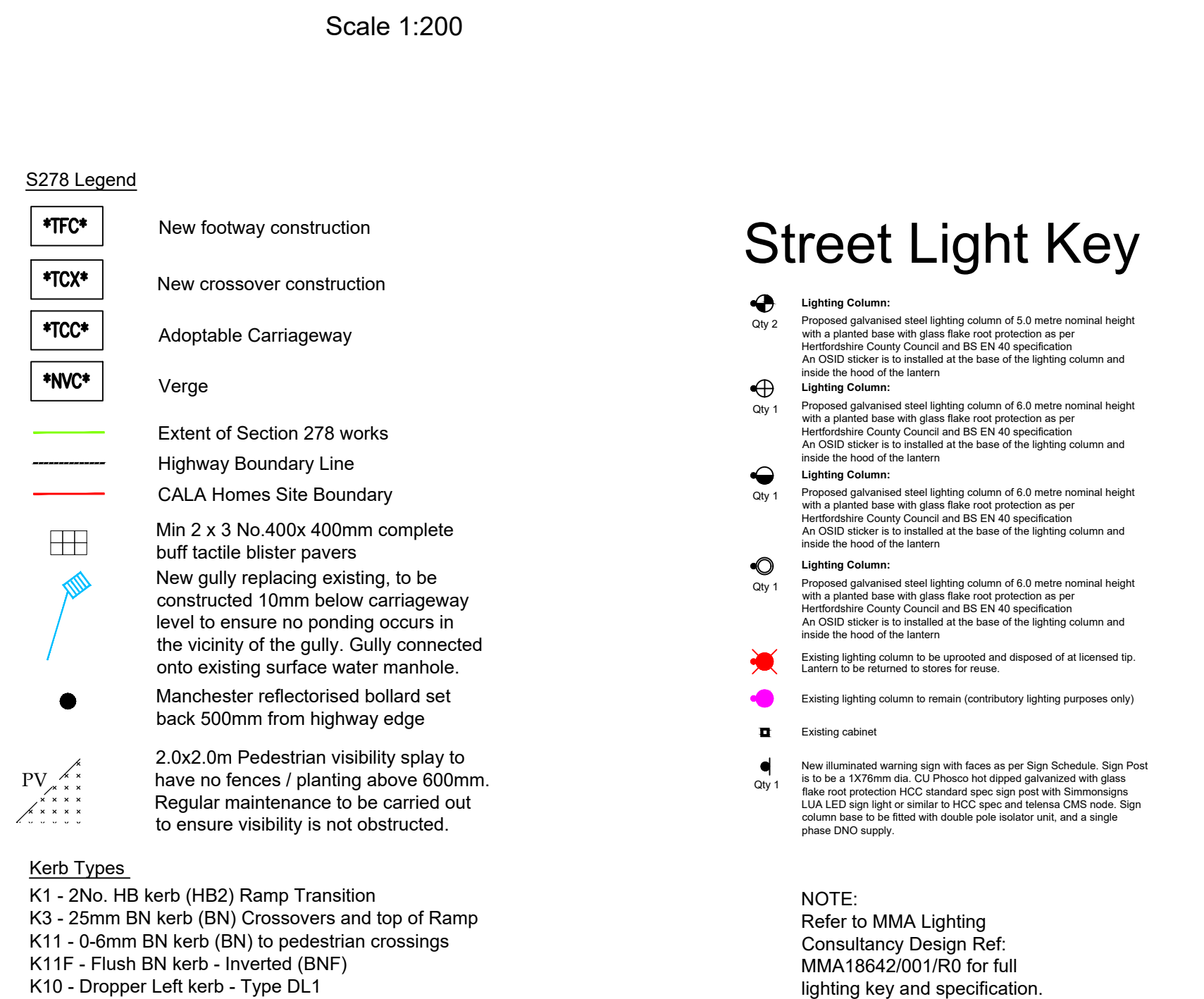
NOTE:
All Street Furniture to be set back 500mm minimum from the carriageway edge. All Road signs to be set 2.1m minimum above finished levels.

ALIGNMENT CH2								
LOCATION	CHANGAGE	EASTING	NORTHING	RADIUS	BEARING	ANGLE	ARC LENGTH	TANL
JPOH2-1	0.000	517528.355	229728.251		114.85528			
CPHO2-1	0.000	517532.892	229726.150		229726.150			
TPHO2-1	5.274	517533.141	229726.035		114.85528			
IPHO2-1		517533.771	229725.742	50.000		1.59291	1.390	0.695
TPHO2-1b	6.664	517534.410	229725.468		113.26236			
CPHO2-2	10.000	517537.475	229724.150					
CPHO2-3	15.000	517542.068	229722.176					
EPHO2-1	20.000	517546.662	229720.201		113.26236			

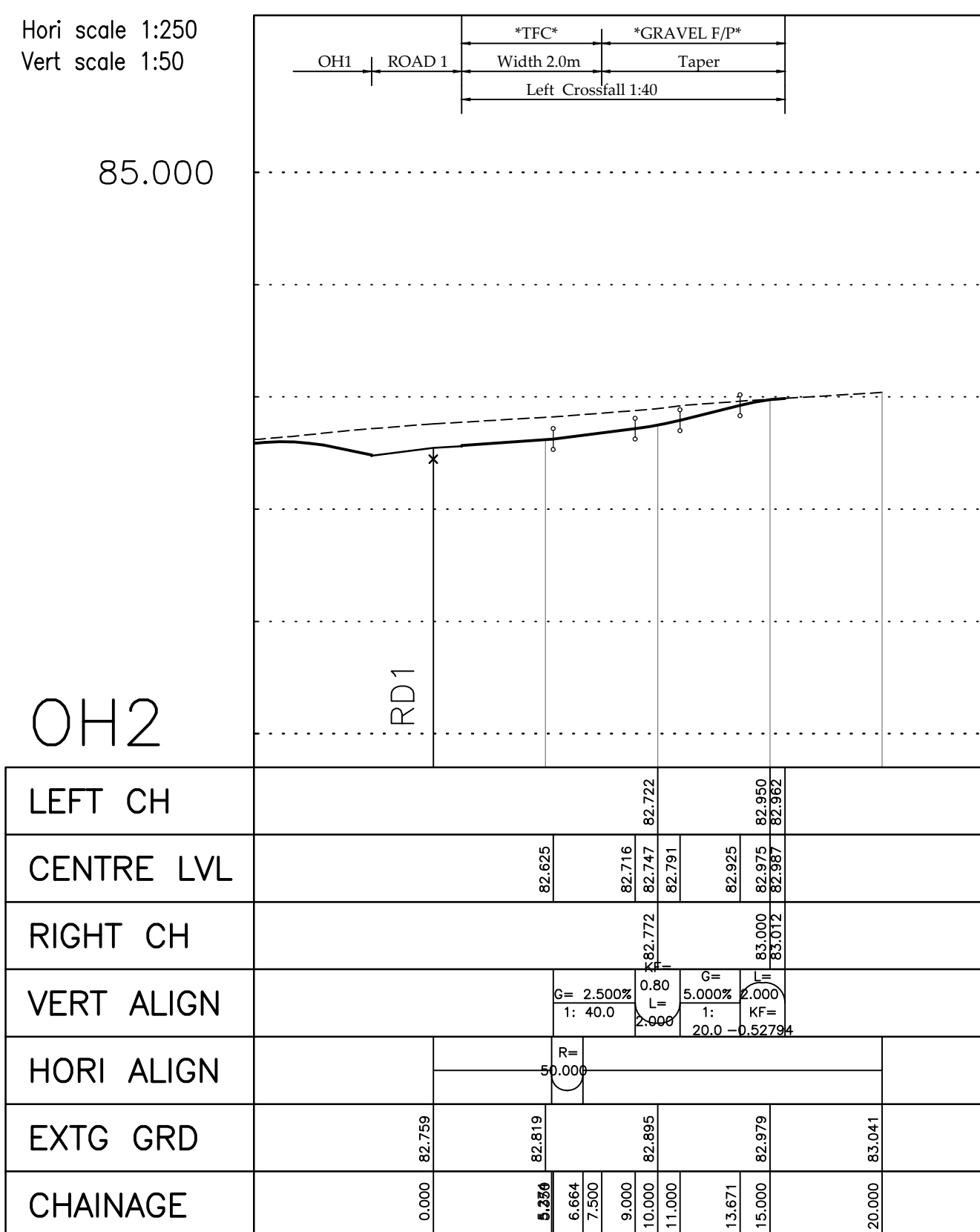
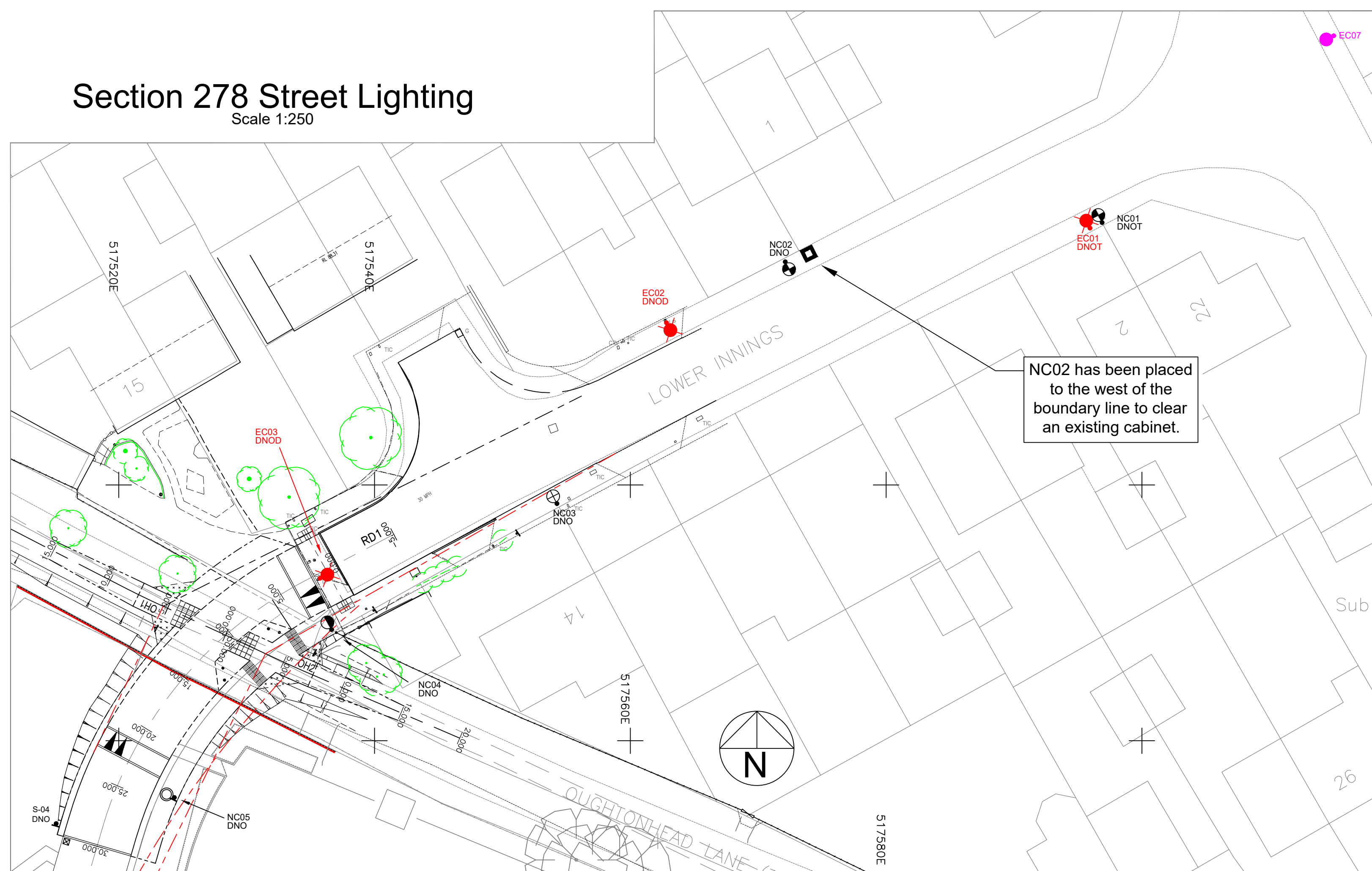
ALIGNMENT CH1								
LOCATION	CHANGAGE	EASTING	NORTHING	RADIUS	BEARING	ANGLE	ARC LENGTH	TANL
JPOH1-1	0.000	517528.355	229728.251		294.85528			
CP0H1-1	5.000	517623.818	229730.353					
CP0H1-2	6.400	517522.540	229730.945		294.85528			
IP0H1-1		517621.597	229731.382	50.000		2.38160	2.078	1.039
IP0H1-1b	8.487	517620.693	229731.858		297.23688			
CP0H1-2	10.000	517519.328	229732.500					
CP0H1-3	15.000	517514.882	229734.838					
EP0H1-1	20.000	517510.437	229737.127		297.23688			



Section 278 Levels and Finishes



Section 278 Road Setting Out



Section 278 Location Plan

- Notes:**
- 1.1 Do not scale back 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 details are read carefully, and any discrepancies or omissions reported directly to Aventus Design.
 - 1.6 This drawing is based upon survey by Mark Williams Surveying, reference 1021/03A dated 8th December 2022 provided as 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, however 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 use in accordance with BS EN 12620 (Type I) (2001). Burred Concrete to be in accordance with ACCEC Site Class AC-1.
 - 1.11 All adoptable highway works to be in accordance with the Local Authorities Specifications.
 - 1.12 All adoptable drainage works to be in accordance with the Water Authorities standard guidelines for construction.
 - 1.13 Formation to road/handstanding to be proof rolled and any soft spots in subgrade of road/handstanding areas are to be excavated and replaced with well compacted subgrade or free draining granular material to Department of Transport Specification for Highway Works Part 2 for class 3 General Use. General Use fill to be compacted in accordance with Table 6/4.

S278 NOTES

1. Carriageway gradients of 2.5% adjacent to kerbs for all pedestrian crossing points.
2. Footway gradient of 5% for all pedestrian crossing points.
3. Side ramp longfall gradient of 8% for all pedestrian crossing points.
4. For additional, more detailed setting out of crossing point see the S278 Construction Details drawing.

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.

Item No.	FOR APPROVAL		
			
A12	7/02.25	Tarmac Footpath to Brindallpath reduced (Hoggin gravel noted, signs, lighting and long cut area amended). Ramp amended to 3.5m to HCC request, long sections, corners, Road Signs amended. Road Signs 12 relocated.	SU -
A11	30.01.25		SU -
A10	10.01.25		SU -
A9	13.09.24		SU -
A8	09.08.24	Inv. Septyra & Street Illuminated. Boundary of origin of 13 Lower findings removed, No 15 drive added, Ramp-E1 amended, Street lights added, Deed of dedications added.	SU -
A7	06.06.24	Signage and keys updated. Ramp and Rattle crossing amended, extent of adoption & drainage amended.	SU -
A6	26.03.24	Signage and keys updated.	SU -
A5	14.03.24	Highway Companies incorporated.	SU -
A4	05.02.24	Highway Companies incorporated.	SU -
A3	06.12.23	Highway Companies incorporated.	SU -
A2	04/23	For Approval.	- -
A1	03/23	For Approval.	- -
REV.	DATE	DESCRIPTION	CHK APP

Client: **Cala Homes**

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

Title: Section 278 Highway Works					
Project no. PA00140-C		Drawing no. 201-GA		Aventus Ref. H1402	
Issue: A12	Scale: 1:200 @ A0	Checked: ☐	Date: ☐		
Draw: S.U.	Date: Oct '23	Approved: ☐	Date: ☐		