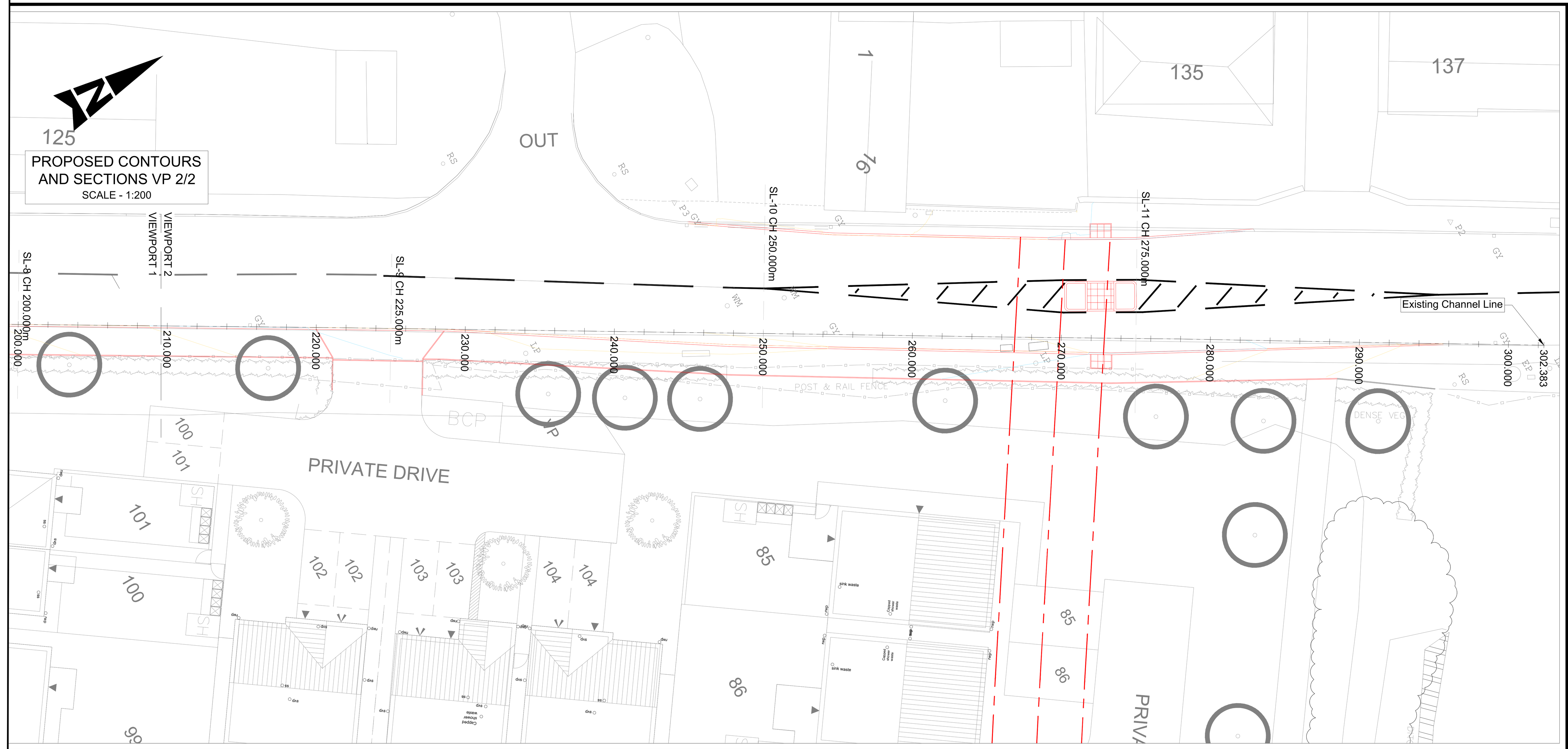


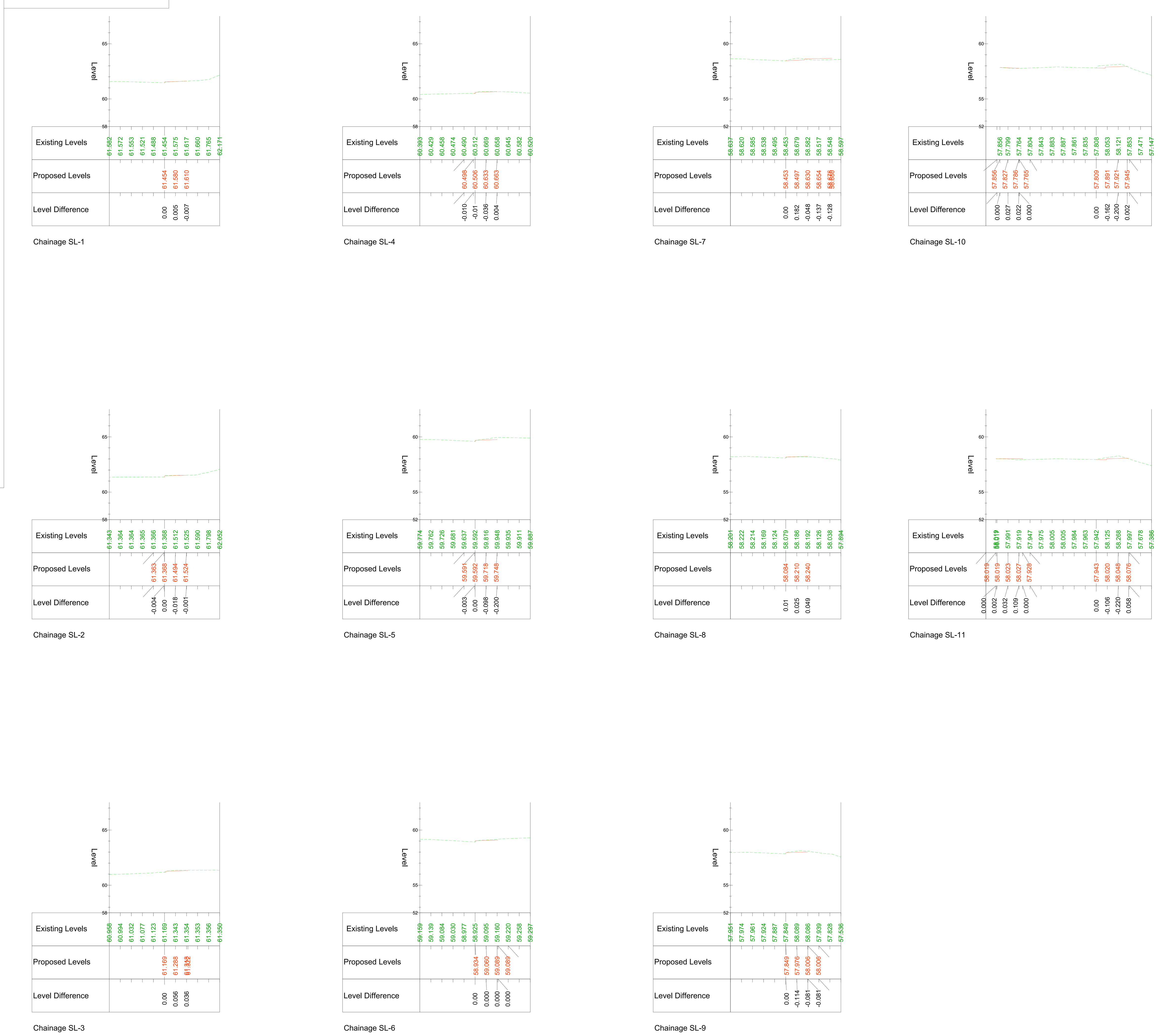
CROSS SECTIONS KEY:

EXISTING GROUND

PROPOSED GROUND

CROSS SECTION VIEWS

SCALE - 1:200



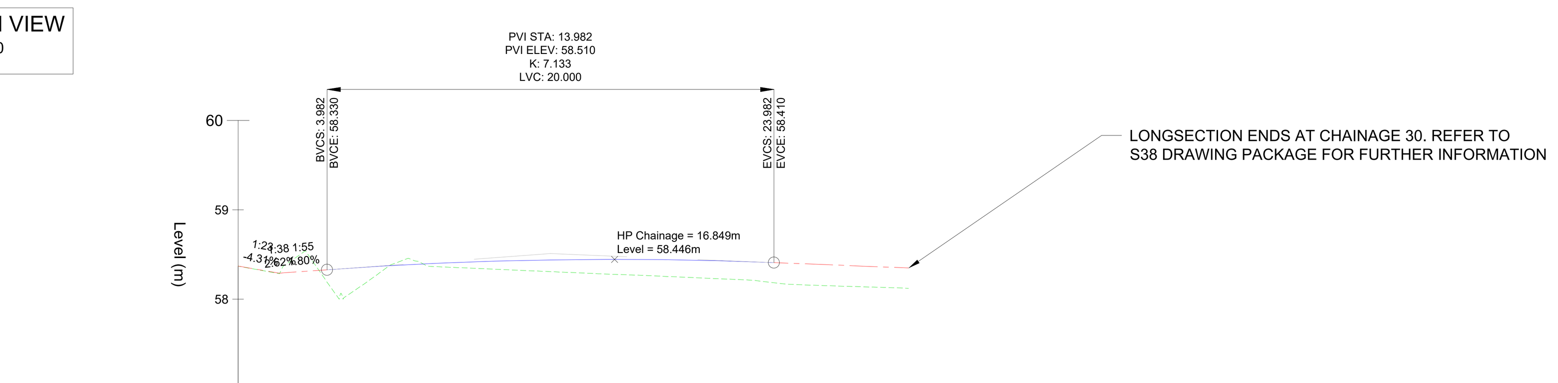
LONG SECTION KEY:

EXISTING GROUND

PROPOSED GROUND

LONG SECTION VIEW

SCALE - 1:200



CHAINAGE (m)	00.000	05.000	10.000	15.000	20.000	25.000	30.000
EXISTING GROUND LEVEL (m) (A.O.D)	58.370	58.062	58.352	58.298	58.246	58.164	58.122
PROPOSED GROUND (m) (A.O.D) CENTERLINE	58.370	58.348	58.413	58.444	58.439	58.400	58.350
LEVEL DIFFERENCE	0.000	0.285	0.061	0.146	0.193	0.236	0.228
HORIZONTAL ALIGNMENT	Length 157.323m						
VERTICAL ALIGNMENT	G = -4.3%, 1:23, L = 1.857m; G = 2.6%, 1:38, L = 0.152m; G = 1.8%, 1:55, L = 1.972m; R = 713m, K = 7m, L = 20m						

ROAD 01 - ALIGNMENT - LONGSECTION
SCALE: H 1:250,V 1:62. DATUM: 57.000
CH.0.000m - CH.30.000m

A0 0 10 100 DO NOT SCALE

NOTES:

1. THESE NOTES ARE INTENDED TO AUGMENT DRAWINGS AND SPECIFICATIONS. WHERE CONFLICT OF REQUIREMENTS EXIST THE ORDER OF PRECEDENCE SHALL BE AS SHOWN IN THE SPECIFICATION. OTHERWISE THE STRICTEST PROVISION SHALL GOVERN.
2. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT ENGINEERS AND ARCHITECTS DRAWINGS.
3. DRAWINGS NOT TO BE SCALED. ALL DIMENSIONS TO BE CHECKED ON SITE BY THE CONTRACTOR. ANY DISCREPANCIES TO BE NOTIFIED TO THE ENGINEER AND FURTHER INSTRUCTIONS OBTAINED BEFORE WORK IS COMMENCED.
4. LEVELS AT TIE IN TO EXISTING ROAD CONSTRUCTION TO BE CONFIRMED, ANY DISCREPANCIES TO BE NOTIFIED TO THE ENGINEER.
5. ALL WORKS TO BE IN ACCORDANCE WITH THE LOCAL HIGHWAY AUTHORITY'S CONSTRUCTION GUIDE.
6. THE WORKS WILL BE ADOPTED BY THE HIGHWAY AUTHORITY, THE DEVELOPER AND/OR PRINCIPAL CONTRACTOR MUST THEREFORE ENSURE THAT THE WHOLE WORKS COMPLY BOTH WITH THE SPECIFICATION AND THE DRAWINGS WHICH ARE SUBJECT TO INSPECTION AND APPROVAL BY THE RELEVANT AUTHORITY.
7. WHERE REQUIRED BY THE LOCAL HIGHWAY AUTHORITY, THE CONTRACTOR SHALL NOTIFY THE APPROPRIATE AUTHORITY PRIOR TO COMMENCEMENT OF EACH STAGE OF THE WORK FOR THEIR REPRESENTATIVE TO CARRY OUT INSPECTION TO ENSURE COMPLIANCE WITH THEIR SPECIFICATION AND APPROVED DETAILS. IF ANY SUCH REQUESTS OR INSTRUCTIONS CAUSE CONFLICT WITH THE SPECIFICATION THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER.
8. ALL MATERIAL WITHIN 450mm OF THE FINISHED CARRIAGEWAY SURFACE SHALL BE NON-FROST SUSCEPTIBLE AS REQUIRED BY S.H.W. SERIES 800 CLAUSE 801.
9. GENERALLY ALL WORKS TO BE UNDERTAKEN IN ACCORDANCE WITH "THE MANUAL OF CONTRACT DOCUMENTS FOR HIGHWAY WORKS - VOLUME 1 - SPECIFICATION FOR HIGHWAY WORKS (S.H.W)
10. CLAUSES SHOWN ON THE DRAWING REFER TO CLAUSES IN THE UK GOVERNMENT'S MANUAL OF CONTRACT DOCUMENTS FOR HIGHWAY WORKS, VOLUME 1 SPECIFICATION OF HIGHWAY WORKS.
11. THE CONTRACTOR IS RESPONSIBLE FOR ACQUIRING UP TO DATE SERVICE INFORMATION AND SHALL TAKE ALL NECESSARY MEASURES TO IDENTIFY AND LOCATE EXISTING UNDERGROUND SERVICES INCLUDING ANY PRIVATE SUPPLIES, AND IMPLEMENT APPROPRIATE CONTROL MEASURES BEFORE UNDERTAKING ANY EXCAVATIONS.
12. SAFE DIGGING PRACTICES MUST BE USED WHEN ESTABLISHING THE ACTUAL POSITION OF MAINS PIPES, SERVICES AND OTHER APPARATUS ON SITE BEFORE ANY MECHANICAL PLANT IS USED.
13. CBRS TO BE TAKEN ON ROAD FORMATION, AT 20m INTERVALS USING 600mm DIAMETER PLATE. RESULTS OF WHICH ALONG WITH A LOCATION PLAN IS TO BE PRESENTED TO BMBC ENGINEER TO REVIEW.
14. ANY TREES WITHIN 3.66m OF THE PROSPECTIVELY ADAOPTABLE HIGHWAY WILL REQUIRE A ROOT BARRIER - SEE CONSTRUCTION ENGINEER TO REVIEW.
15. CCTV OF HIGHWAY DRAINAGE TO BE PROVIDED TO BMBC FOR REVIEW PRIOR TO A PART 1 CERTIFICATE AND PRIOR TO FINAL SURFACING.

THE INFORMATION ON THIS DRAWING IS FOR APPROVAL PURPOSES ONLY. NO CONSTRUCTION WORKS ARE TO BE UNDERTAKEN UNTIL WRITTEN APPROVAL IS RECEIVED FROM LOCAL HIGHWAYS AUTHORITY.

THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE FOLLOWING DRAWING REFERENCE 25027/;

SECTION 278

3400 - SECTION 278 - LEGAL BOUNDARY
3401 - SECTION 278 - PROPOSED GENERAL ARRANGEMENT
3402 - SECTION 278 - PROPOSED CONTOURS AND SECTIONS
3403 - SECTION 278 - PROPOSED DRAINAGE
3404 - SECTION 278 - VISIBILITY SPLAYS
3405 - SECTION 278 - HIGHWAY CONSTRUCTION DETAILS
3406 - SECTION 278 - VEHICLE TRACKING
3407 - SECTION 278 - PROPOSED TRAFFIC SIGNS AND ROAD MARKINGS

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION

Stat	Purpose of Issue	Date	Auth
S4	FOR APPROVAL	10.04.26	CK
S4	FOR APPROVAL	14.08.25	CK
S4	FOR APPROVAL	25.07.25	RSL

Rev	Description	By	Date	Chk'd	Auth
P03	UPDATED LAYOUT	TH	10.04.26	CK	CK
P02	UPDATED LAYOUT	TH	14.08.25	CK	CK
P01	FIRST ISSUE	TH	25.02.25	CK	RSL

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Client: AVANT homes

Project: GREAT HOUGHTON BARNSLEY

Title: S278 PROPOSED CONTOURS AND SECTIONS

Sheet Size	Original Scale	Designed/Drawn	Checked	Authorised
A0	AS SHOWN	TH, Date 25.07.25	CK, Date 25.07.25	CK, Date 25.07.25

Status	Drawing Number	Rev
S2	25027-LE-ZZ-ZZ-DR-D-3402	P03