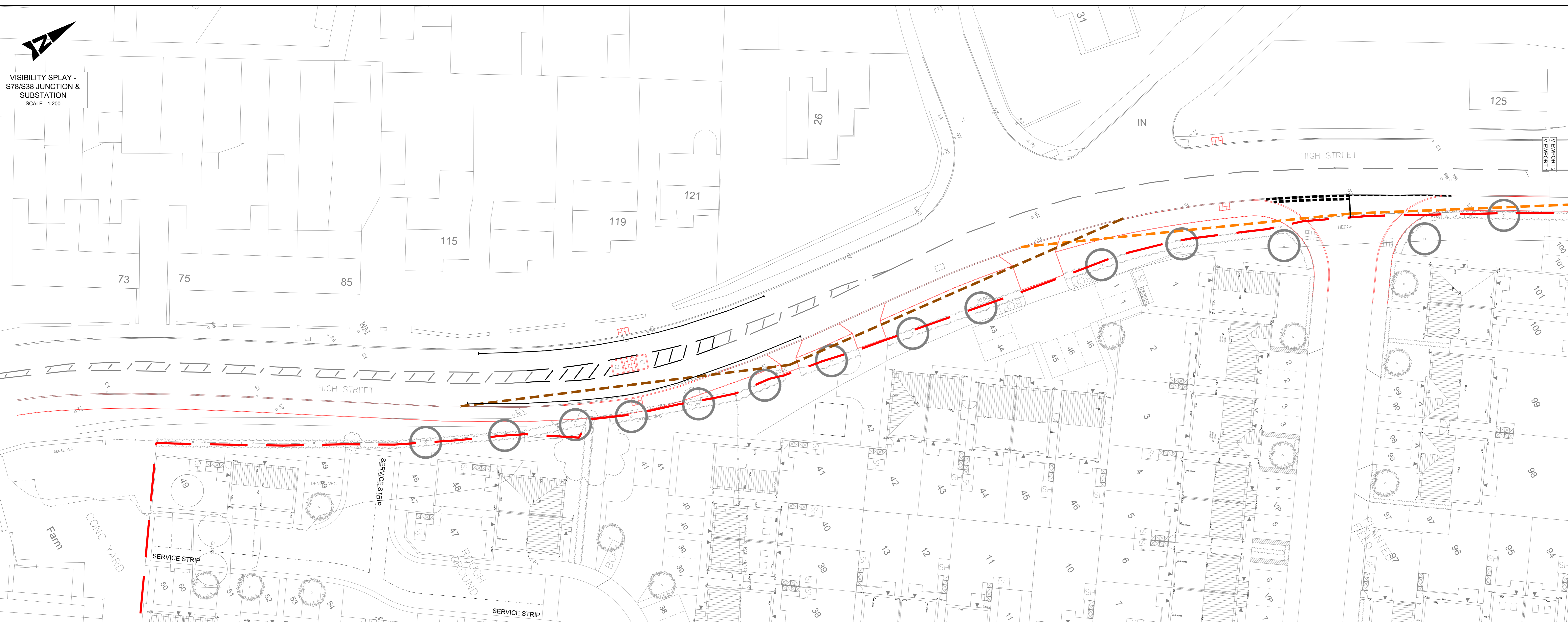
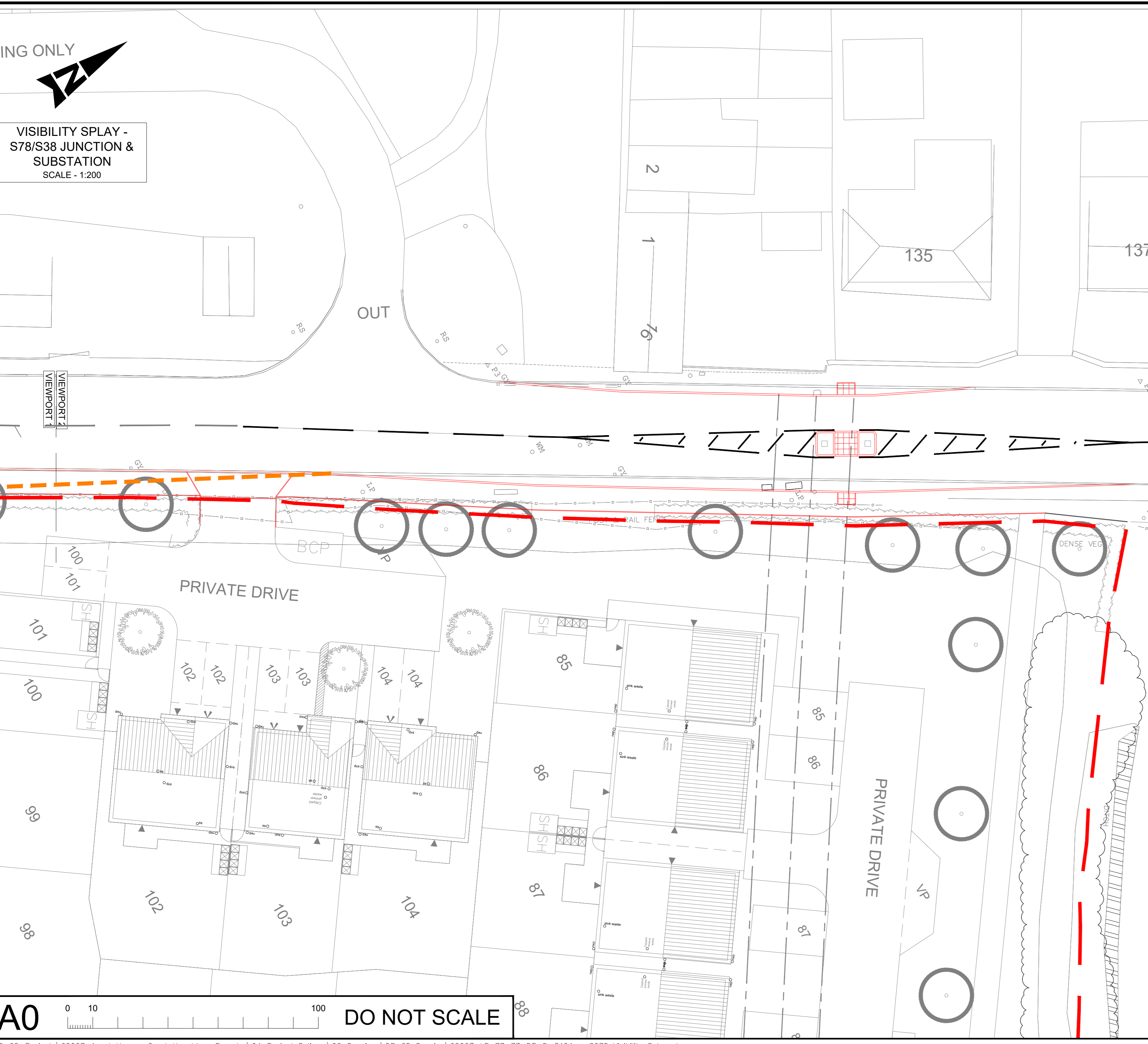


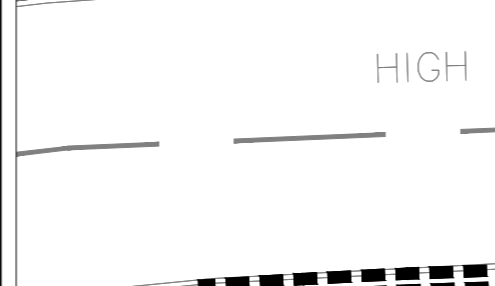
VISIBILITY SPLAY -
S78/S38 JUNCTION &
SUBSTATION
SCALE - 1:200



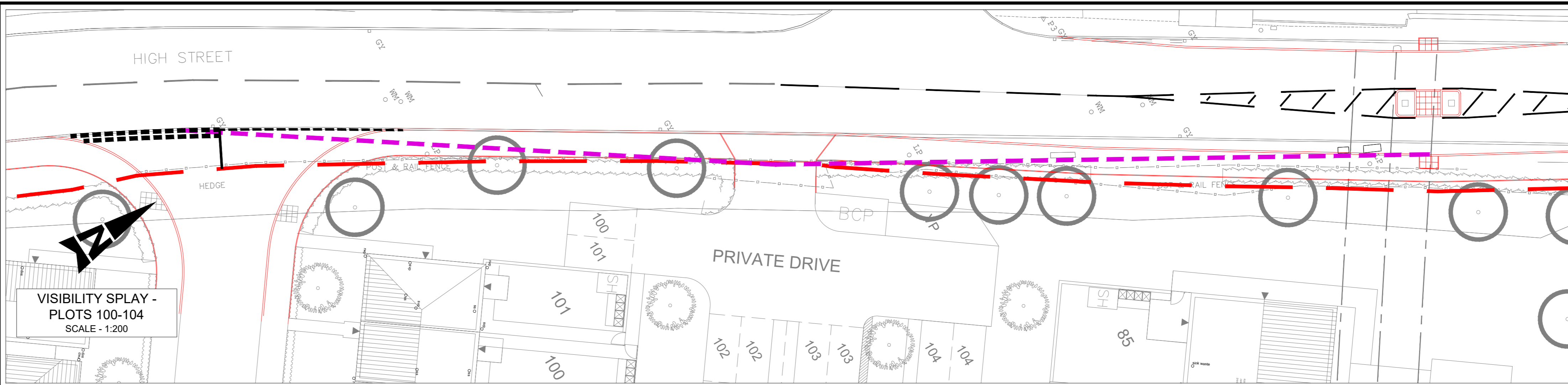
VISIBILITY SPLAY -
S78/S38 JUNCTION &
SUBSTATION
SCALE - 1:200



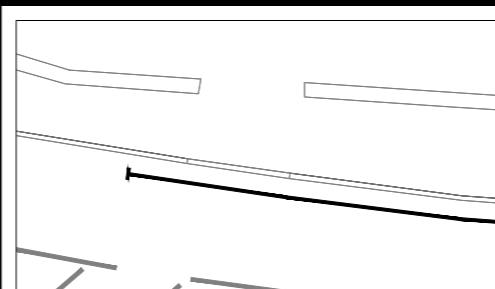
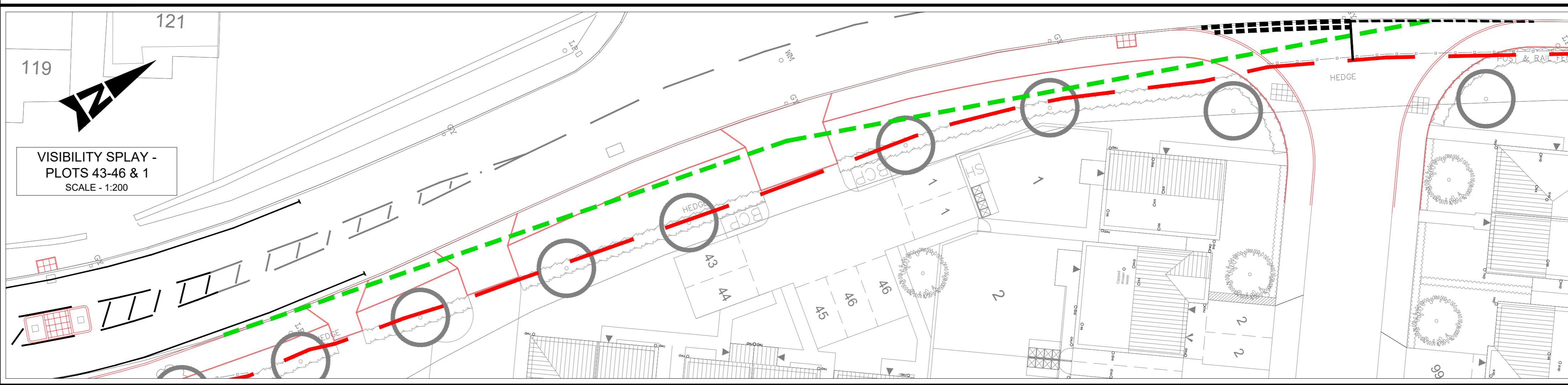
A0 DO NOT SCALE



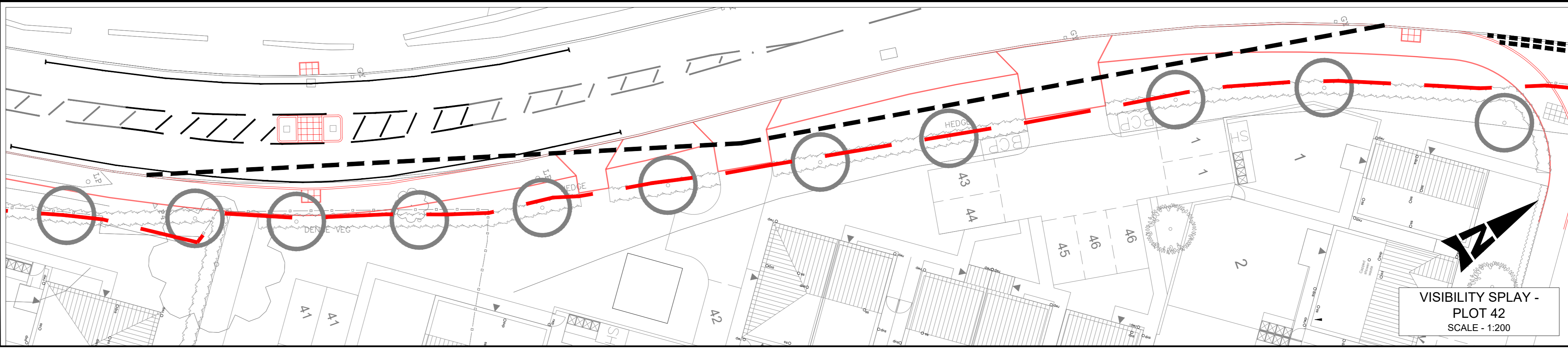
VISIBILITY SPLAY -
PLOTS 100-104
SCALE - 1:200



VISIBILITY SPLAY -
PLOTS 43-46 & 1
SCALE - 1:200



VISIBILITY SPLAY -
PLOT 42
SCALE - 1:200



- 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 THE 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. CRBS 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 3.0m OF THE PROSPECTIVELY ADAPTABLE HIGHWAY WILL REQUIRE A ROOT BARRIER - SEE CONSTRUCTION ENGINEER TO REVIEW.
 15. COTV 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

- SECTION 278 - VISIBILITY SPLAY KEY
- VISIBILITY SPLAY FROM EXISTING ROAD JUNCTIONS ONTO 30MPH ROADS (100-104)
 - VISIBILITY SPLAY FROM PRIVATE DRIVE (PLOT 100-104)
 - VISIBILITY SPLAY FROM PRIVATE DRIVE (PLOTS 43-46 & 1)
 - VISIBILITY SPLAY FROM PRIVATE DRIVE (PLOT 42)
 - VISIBILITY SPLAY FROM PRIVATE DRIVE (SUBSTATION)
- X VALUE = 44.21m (NORTHBOUND)
Y VALUE = 4.63m (SOUTHBOUND)
Y VALUE = 2.4m

BASED ON SPEED SURVEYS UNDERTAKEN ON 2ND JUNE 2025. NORTHBOUND AND SOUTHBOUND SPEEDS OF 31.8MPH & 33.8MPH WERE RECORDED, RESPECTIVELY.
X VALUE WAS CALCULATED USING THE FORMULA:
 $SSD = vt + v^2/2a$
v = SPEED (14.20m/s AND 15.11 RESPECTIVELY)
t = DRIVER PERCEPTION REACTION TIME (2 SECONDS)
a = DECELERATION (4.4m/s² & 3.8m/s²)

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION
IN ADDITION TO THE HAZARDS/ RISKS NORMALLY ASSOCIATED WITH THE TYPES OF WORK DETAILED ON THIS DRAWING, NOTE THE FOLLOWING SIGNIFICANT RESIDUAL RISKS

Rev	Description	By	Date	CHK'd	Auth
S4	FOR APPROVAL		10.04.26	CK	
S4	FOR APPROVAL		14.08.25	CK	
S4	FOR APPROVAL		25.07.25	RSL	
PO3	UPDATED FOLLOWING COMMENTS	WO	10.04.26	CK	CK
PO2	UPDATED LAYOUT	TH	14.08.25	CK	CK
PO1	FIRST ISSUE	WO	25.07.25	CK	RSL

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AVANT homes

Client: GREAT HOUGHTON BARNSELY

Project: SECTION 278 - VISIBILITY SPLAYS

Drawn	Original Scale	Designed/Drawn	Checked	Authorised
WO		WO	CK	RSL

Date: 25.07.25 Date: 25.07.25 Date: 25.07.25

Sheet: S4 Drawing Number: 25027-L-E-ZZ-DR-D-3404 Rev: PO3