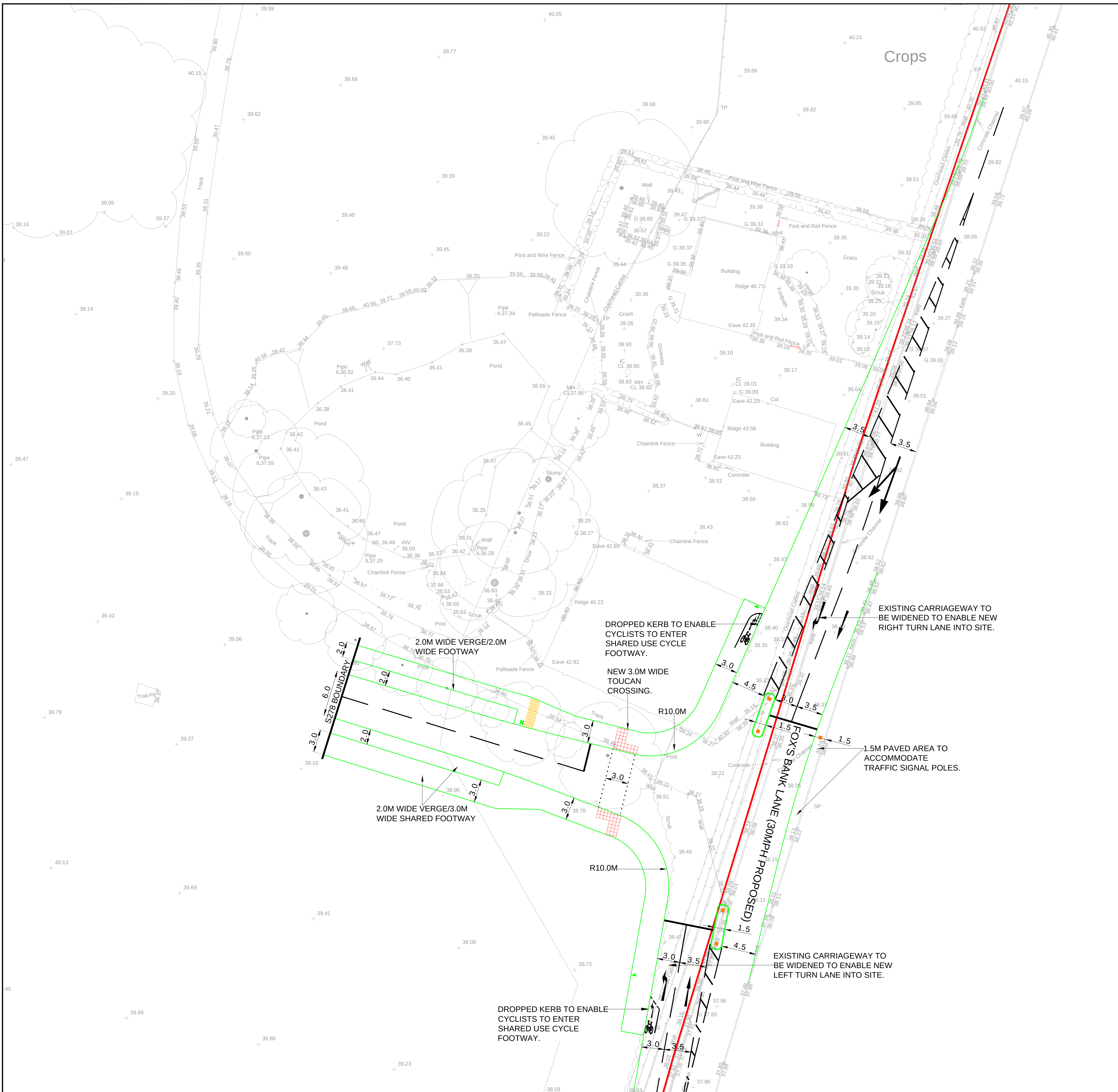

Crops
FOX'S BANK LANE (30MPH PROPOSED)
S278 BOUNDARY
2.0M WIDE VERGE/2.0M WIDE FOOTWAY
2.0M WIDE VERGE/3.0M WIDE SHARED FOOTWAY
R10.0M
R10.0M
3.0
3.5
4.5
1.5
2.0
6.0

DROPPED KERB TO ENABLE CYCLISTS TO ENTER SHARED USE CYCLE FOOTWAY.

NEW 3.0M WIDE TOUCAN CROSSING.

EXISTING CARRIAGEWAY TO BE WIDENED TO ENABLE NEW RIGHT TURN LANE INTO SITE.

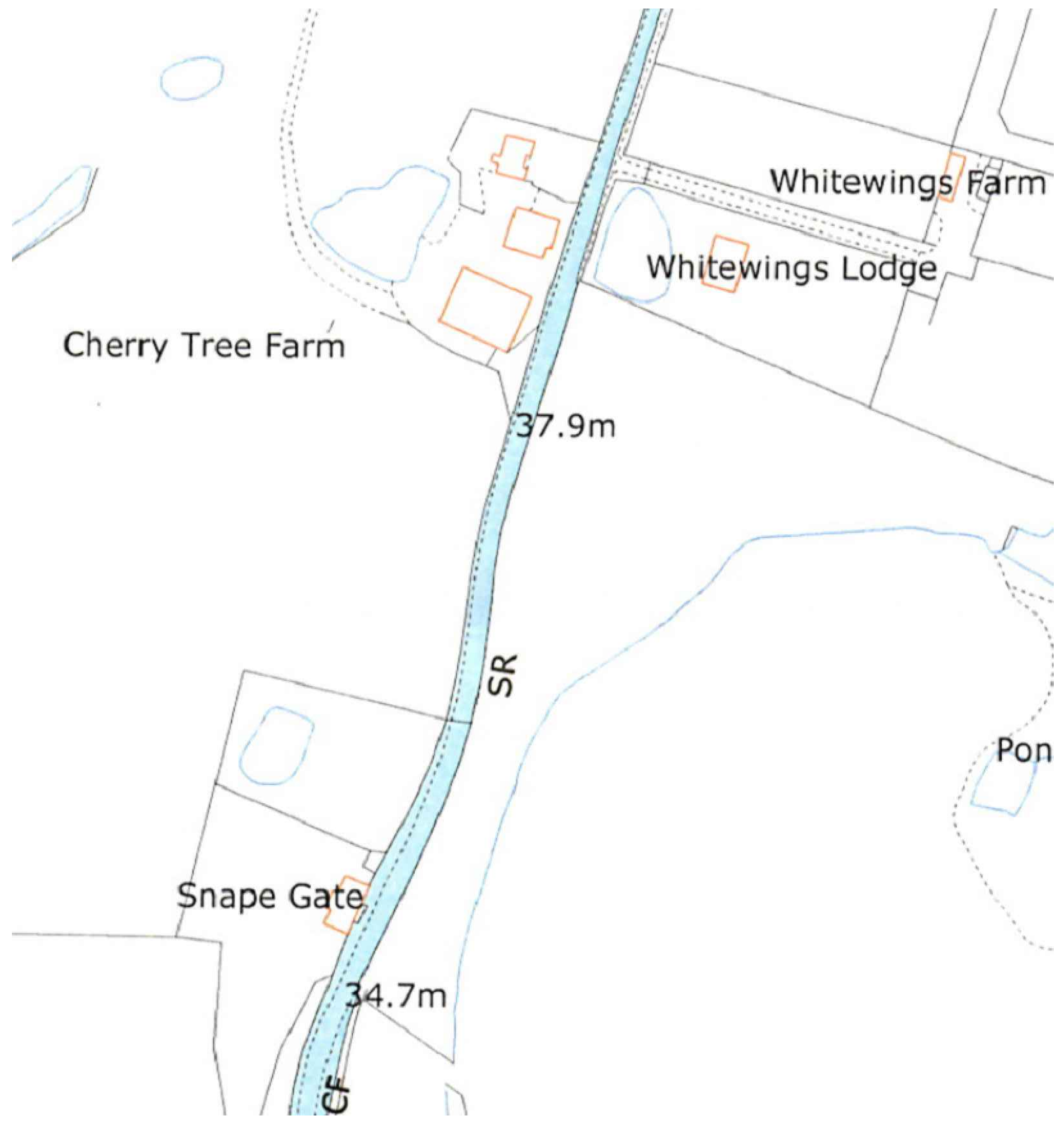
1.5M PAVED AREA TO ACCOMMODATE TRAFFIC SIGNAL POLES.

EXISTING CARRIAGEWAY TO BE WIDENED TO ENABLE NEW LEFT TURN LANE INTO SITE.

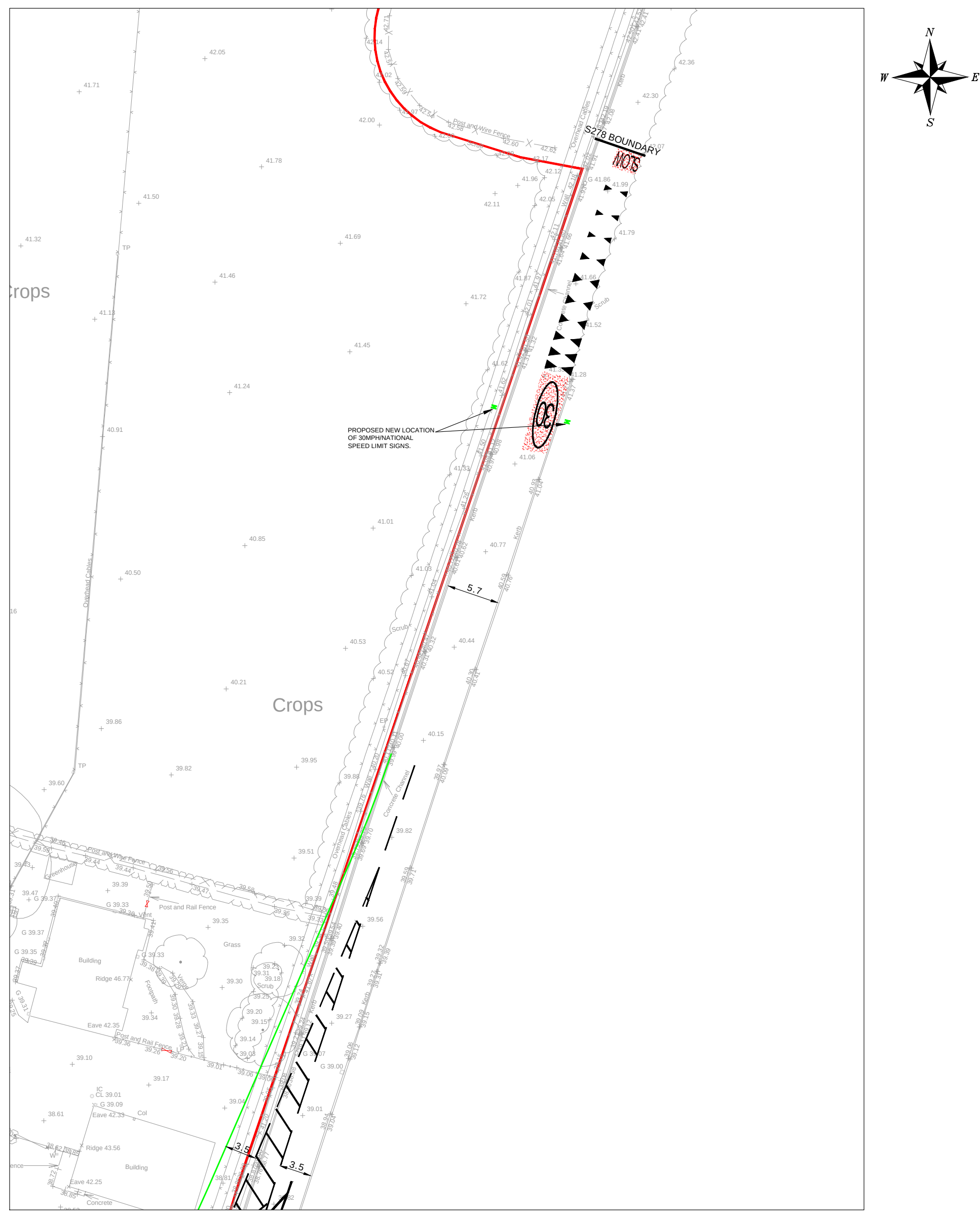
DROPPED KERB TO ENABLE CYCLISTS TO ENTER SHARED USE CYCLE FOOTWAY.

S278 BOUNDARY

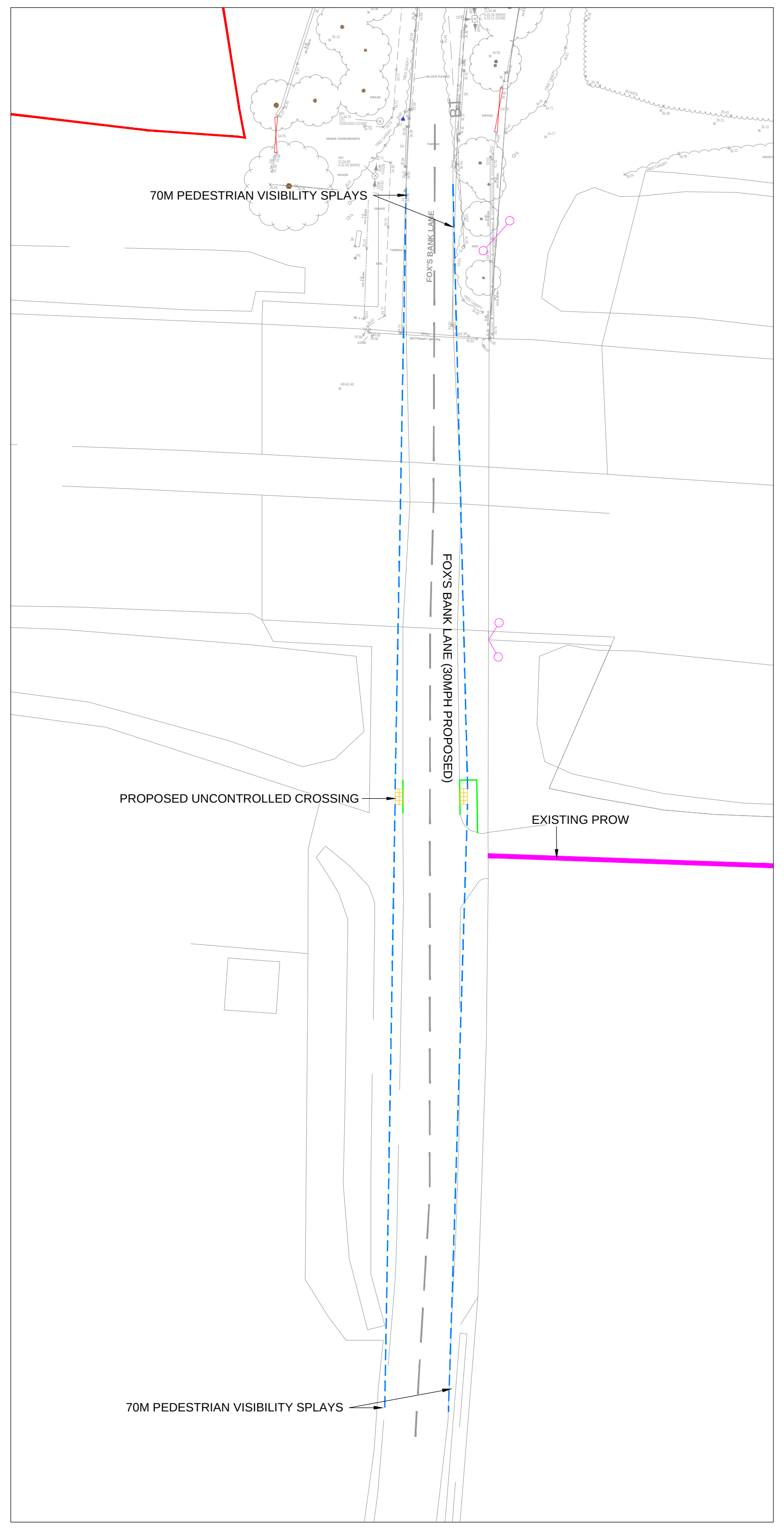
KNOWSLEY'S PROPOSED 30MPH SPEED LIMT TO BE EXTENDED NORTHWARDS PAST NEW JUNCTION AS SHOWN.



KNOWSLEY ADOPTED HIGHWAY PLAN

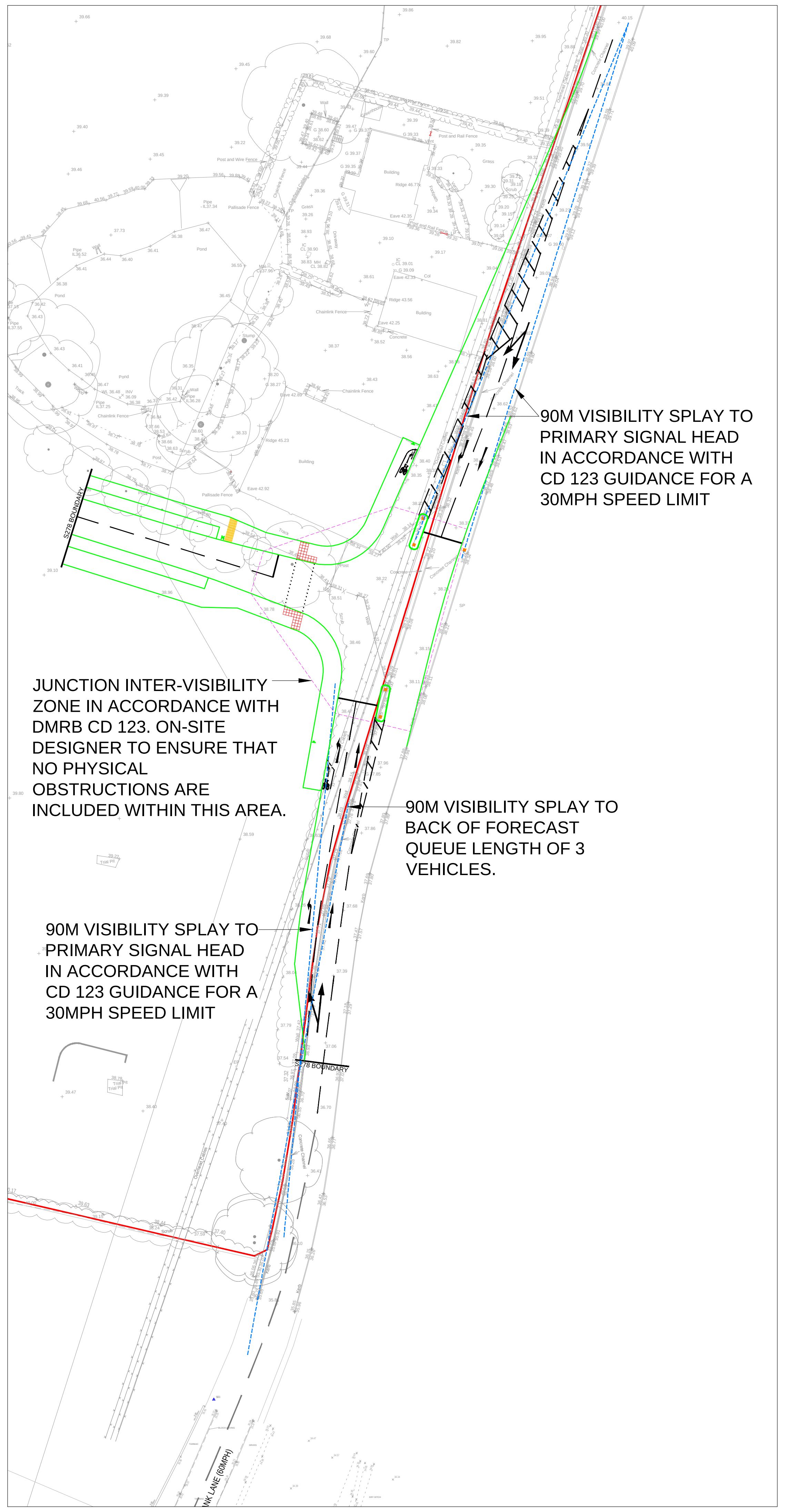


PROPOSED NEW SPEED LIMIT LOCATION TO THE NORTH OF NEW JUNCTION @ 1:500 SCALE


70M PEDESTRIAN VISIBILITY SPLAYS
FOX'S BANK LANE (30MPH PROPOSED)
PROPOSED UNCONTROLLED CROSSING
EXISTING PROW
70M PEDESTRIAN VISIBILITY SPLAYS

PROPOSED NEW UNCONTROLLED PEDESTRIAN CROSSING POINT (APPROX. 330M SOUTH OF NEW SITE ACCESS JUNCTION) @ 1:500 SCALE

VISIBILITY SPLAYS @ 1:500 SCALE



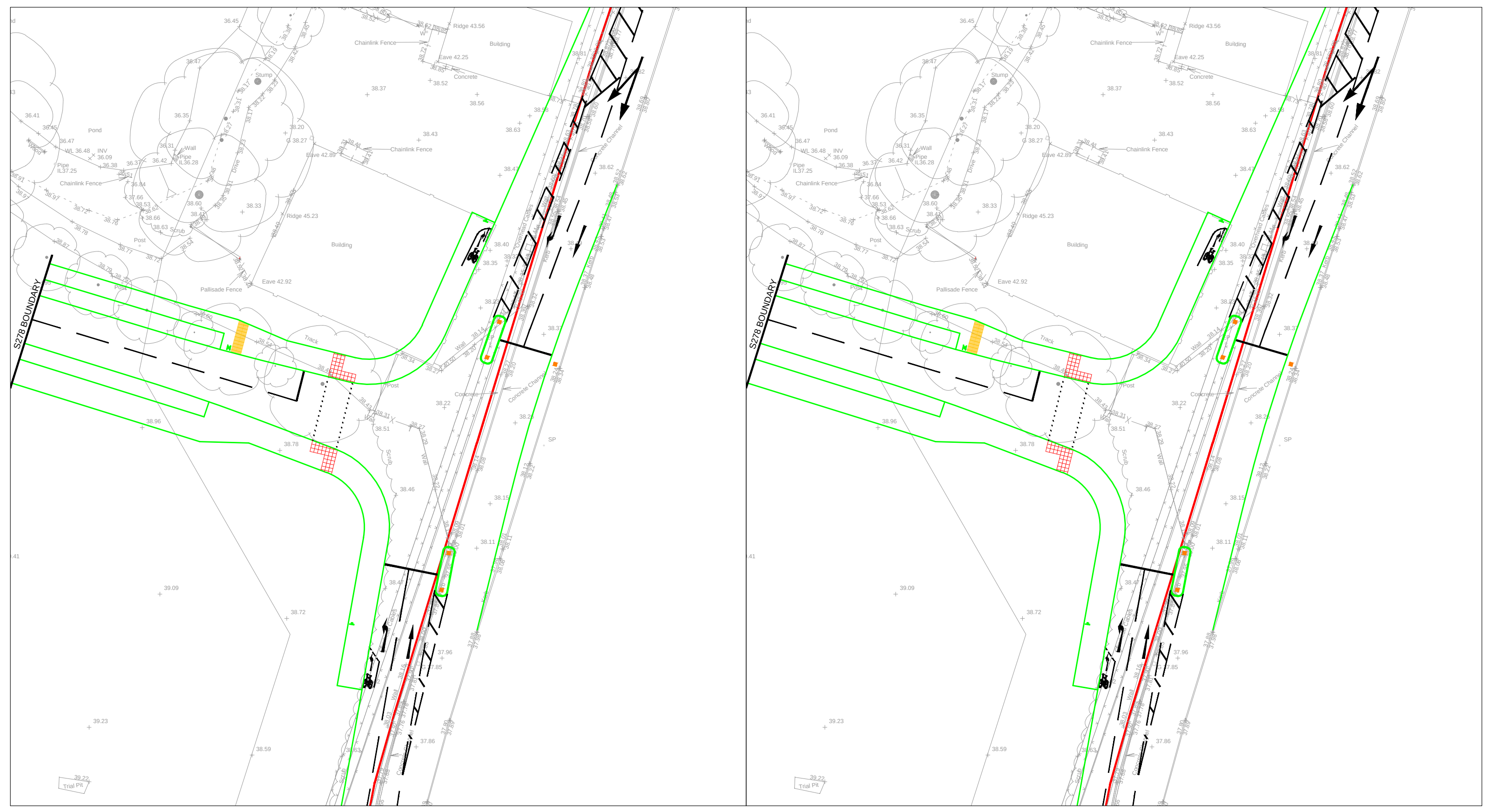
90M VISIBILITY SPLAY TO PRIMARY SIGNAL HEAD IN ACCORDANCE WITH CD 123 GUIDANCE FOR A 30MPH SPEED LIMIT

JUNCTION INTER-VISIBILITY ZONE IN ACCORDANCE WITH DMRB CD 123. ON-SITE DESIGNER TO ENSURE THAT NO PHYSICAL OBSTRUCTIONS ARE INCLUDED WITHIN THIS AREA.

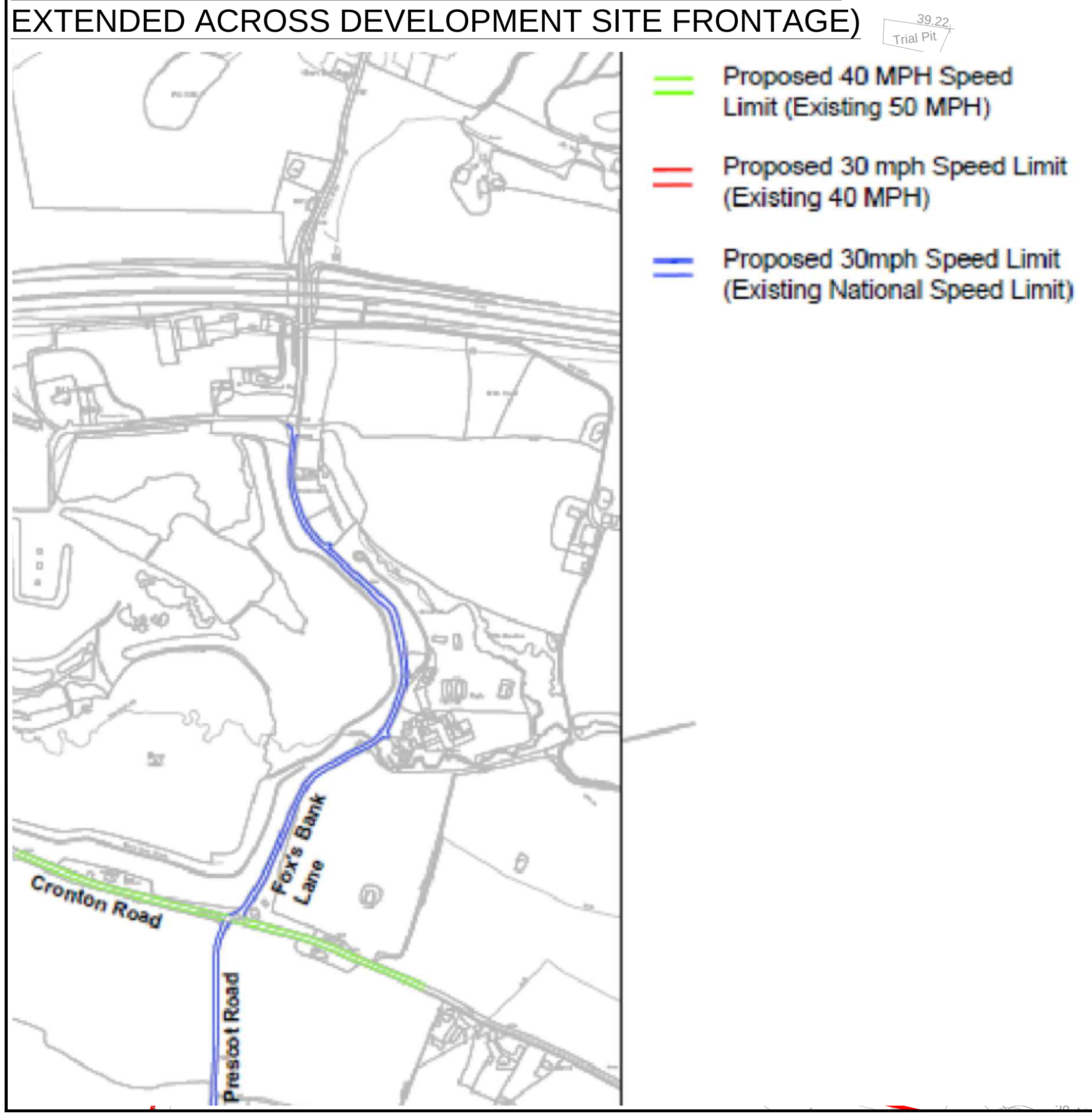
90M VISIBILITY SPLAY TO BACK OF FORECAST QUEUE LENGTH OF 3 VEHICLES.

90M VISIBILITY SPLAY TO PRIMARY SIGNAL HEAD IN ACCORDANCE WITH CD 123 GUIDANCE FOR A 30MPH SPEED LIMIT

FTA VEHICLE TRACKS @ 1:500 SCALE



KNOWSLEY SPEED LIMIT PROPOSALS (30MPH TO BE EXTENDED ACROSS DEVELOPMENT SITE FRONTAGE)



🟩 Proposed 40 MPH Speed Limit (Existing 50 MPH)

🟥 Proposed 30 mph Speed Limit (Existing 40 MPH)

🟦 Proposed 30mph Speed Limit (Existing National Speed Limit)

NOTES

1. ALL ADOPTABLE SEWERS AND ASSOCIATED WORKS ARE TO COMPLY FULLY WITH "SEWERS FOR ADOPTION" 7TH EDITION. ALL DRAWINGS ARE TO BE READ IN CONJUNCTION WITH THE ON-SITE DRAWINGS PRIOR TO UNDERTAKING ANY WORKS AND ANY DISCREPANCIES WITH BOUNDARIES, FENCELINES, EARTHWORKS OR OTHERWISE REPORTED IMMEDIATELY TO THE ENGINEER PRIOR TO WORKS COMMENCING.

2. ALL HIGHWAY AND DRAINAGE WORKS TO BE TO ADOPTABLE STANDARDS AND SHALL COMPLY FULLY WITH THE LOCAL AUTHORITY SPECIFICATION, APPROVED STANDARD DETAILS AND THE RELEVANT SECTIONS OF THE DESIGN MANUAL FOR ROADS AND BRIDGES, SPECIFICATION FOR HIGHWAY WORKS AND BRITISH STANDARDS. CONTRACTOR TO ENSURE POSITIVE DRAINAGE TO ALL GULLIES PRIOR TO UNDERTAKING ANY PAVEMENT WORKS.

3. ANY PRIVATE WORKS ARE TO COMPLY FULLY WITH THE LATEST EDITIONS OF THE BUILDING REGULATIONS

4. ALL EXISTING STATIONS, INVERT LEVELS AND DRAINAGE NETWORK TO BE CHECKED BY THE CONTRACTOR AT THE START OF WORKS AND ANY DISCREPANCIES NOTIFIED TO THE ENGINEER. ALL LEVELS ARE BASED ON TOPOGRAPHICAL SURVEY INFORMATION PROVIDED BY OTHERS. ANY DISCREPANCIES BETWEEN THIS AND OTHER DRAWINGS TO BE REPORTED TO THE ENGINEER PRIOR TO CONSTRUCTION

5. ALL MATERIALS TO BEAR THE RELEVANT B.S.KITEMARK AND COMPLY FULLY WITH THE SPECIFICATIONS. ALL MATERIALS TO BE AGREED WITH THE OVERSEEING LOCAL AUTHORITY REPRESENTATIVE PRIOR TO ORDERING. ALL CONCRETE & CONCRETE PRODUCTS MUST USE SULPHATE RESISTANT CEMENT (UNLESS THE SITE INVESTIGATION REPORT PROVES THAT SULPHATE ATTACK FROM SOILS AND GROUNDWATER WILL NOT OCCUR)

6. ALL STATUTORY CONSENTS, OPENING NOTICES ETC. AS REQUIRED UNDER HIGHWAYS ACTS AND WATER INDUSTRIES ACTS,. ARE TO BE OBTAINED BY THE CONTRACTOR PRIOR TO COMMENCEMENT OF THE WORKS (UNLESS OTHERWISE STATED). ALL WORKS ARE TO BE INSPECTED BY L.A., NHBC OR STATUTORY AUTHORITY AS APPLICABLE.

7. CONTRACTOR TO MAKE ADVANCE ALLOWANCE FOR THE MANAGEMENT AND COORDINATION OF STATUTORY UNDERTAKERS DIVERSIONS WITHIN THEIR PROGRAMME OF WORKS. PRESENCE OF STATUTORY UNDERTAKERS EQUIPMENT IN THE HIGHWAY SHOULD BE VERIFIED BY THE CONTRACTOR ON SITE PRIOR TO STARTING ANY WORKS. THE LOCATION OF STATUTORY PLANT SHOWN ON ANY PLANS IS INDICATIVE ONLY AND SHOULD NOT BE RELIED UPON FOR THE LOCATION OF ANY PIPEWORK OR CABLING. THE CONTRACTOR SHOULD CONFIRM THE LOCATION OF ALL STATS PLANT BY HAND DUG TRIAL TRENCHES PRIOR TO COMMENCING ANY WORKS. ALLOWANCE FOR THE PRESENCE OF ALL STATS APPROPRIATE PROTECTION / DIVERSION MEASURES (INCORPORATING SPLIT DUCT AND 150MM CONCRETE SURROUND OR SIMILAR STATUTORY APPROVED METHOD) IS TO BE PUT IN PLACE BY THE CONTRACTOR (UNLESS STATED OTHERWISE) WHERE STATS EQUIPMENT ARE FOUND TO BE WITHIN THE AREA OF HIGHWAY WORKS.

8. PRIOR TO ORDERING THE CONTRACTOR IS TO AGREE ALL SIGN POST/LIGHTING COLUMN MATERIALS AND FINISHES WITH THE LOCAL AUTHORITY. ALL SIGNS TO COMPLY WITH BS EN 12899:2007 AND ITS NATIONAL ANNEX. TYPE OF POSTS, FINISHES AND LIGHTING UNITS/COLUMNS TO BE AGREED WITH LA STREETLIGHTING ENGINEER PRIOR TO ORDERING. CONTRACTOR IS RESPONSIBLE FOR COORDINATING THE PROVISION OF ALL REQUIRED EQUIPMEMT AND ELECTRICAL FEEDS TO LIGHTING AND ANY SIGNALS PRIOR TO WORKS COMMENCING, CONTRACTOR TO MAKE ALLOWANCE FOR ANY LEAD-INS WITHIN THEIR PROGRAMME.

9. ALL ROADMARKINGS TO BE LAID IN ACCORDANCE WITH THE REQUIREMENTS OF THE TRAFFIC SIGNS MANUAL CHAPTER 5, TRAFFIC SIGNS REGULATIONS AND GENERAL DIRECTIONS. ROADMARKING MATERIALS, LAYING AND PERFORMANCE TO BE IN ACCORDANCE WITH THE REQUIREMENTS OF BS EN 1436.ALL ACCESS COVERS WITHIN THE VICINITY OF THE WORKS TO HAVE HIGH FRICTION COVERS AND AGREED WITH LA ENGINEER. PSV OF ALL LINING AND COVERS TO SUIT ADJACENT SURFACING

10. THE CONTRACTOR IS RESPONSIBLE FOR ENSURING THAT ALL ADVANCE NOTICES ARE IN PLACE AND TRAFFIC MANAGEMENT AGREED FOR THE WORKS PRIOR TO COMMENCING. THE CONTRACTOR IS TO MAKE ALLOWANCE FOR THE ADVANCE PROVISION OF ALL ELECTRICAL WORKS AND EQUIPMENT FOR SIGNALS AND STREETLIGHTING WITHIN THEIR PROGRAMME OF WORKS

C.D.M. REGULATIONS 2015

IN LINE WITH THE ABOVE REGULATIONS WE ARE OBLIGED TO INFORM THE CLIENT OF THE RISKS THAT MAY BE ENCOUNTERED IN THE CONSTRUCTION OF THESE WORKS. WHEREVER POSSIBLE RISKS HAVE BEEN ELIMINATED FROM THE DESIGN, HOWEVER DUE TO THE VERY NATURE OF THIS TYPE OF WORK IT IS NOT POSSIBLE TO REMOVE ALL THE RISKS FROM THE DESIGN. WE WOULD ALSO RESPECTFULLY REMIND THE CLIENT OF HIS OBLIGATIONS TO TAKE ALL REASONABLE STEPS IN ENSURING THAT ONLY COMPETENT CONTRACTORS WHO HAVE A VALID SAFETY POLICY ARE EMPLOYED. THEY SHOULD ALSO PROVIDE SATISFACTORY RESPONSES AT TENDER STAGE AS TO THE MANNER IN WHICH THEY WILL DEAL WITH THE ELEMENTS OF RISK INVOLVED IN THIS TYPE OF WORK AND IN PARTICULAR THOSE HIGHLIGHTED BY CROFT BELOW:-

1. TRENCH EXCAVATIONS IN EXCESS OF 1.2M DEEP.
2. GUARDING TO EDGES OF EXCAVATIONS TO PREVENT PEOPLE, MATERIALS AND VEHICLES FALLING INTO EXCAVATION.
3. GUARDING OF EXCAVATIONS OUTSIDE WORKING HOURS TO PREVENT UNAUTHORISED ACCESS.
4. UNDERMINING TO ADJACENT ROADS OR STRUCTURES.
5. CONFINED SPACE OPERATIONS.
6. DEALING WITH EXISTING SERVICES.
7. TRAFFIC MANAGEMENT ON EXISTING HIGHWAYS AND PROTECTION OF SITE PERSONNEL AND MEMBERS OF THE PUBLIC.
8. PROCEDURE TO BE FOLLOWED IN EVENT OF ACCIDENT OR EMERGENCY.
9. METHOD OF WORKING WHERE CONTAMINATED GROUND IS PRESENT ON SITE.
10. CONFIRMATION WILL BE REQUIRED THAT ALL OPERATIVES ARE ADEQUATELY TRAINED, COPIES OF RELEVANT TRAINING CERTIFICATES TO BE SUPPLIED.
11. ANY CONSTRUCTION PERSONNEL, INCLUDING OPERATIVES INTENDING TO CONSTRUCT THE DESIGNS SHOWN ON THIS DRAWING SHOULD ENSURE THAT THEY HAVE BEEN REGULARLY AND THOROUGHLY BRIEFED BY THE PRINCIPAL CONTRACTOR ON ALL HEALTH AND SAFETY MATTERS AND HAVE HAD SIGHT OF:

I) THE FULL DESIGNERS AND CONTRACTORS RISK ASSESSMENTS AND RISK REGISTERS.
II) THE DEVELOPED CONSTRUCTION HEALTH AND SAFETY PLAN
III) THE CONTRACTORS CONSTRUCTION METHOD STATEMENTS.

THE ABOVE LIST IS BY NO MEANS EXHAUSTIVE BUT IT DOES HIGHLIGHT OPERATIONS THAT PRESENT A RISK TO CONTRACTORS AND THE GENERAL PUBLIC.

🟥 INDICATIVE SITE BOUNDARY

🟩 DENOTES EXTENT OF NEW KERBING

REV	DETAILS	DRAWN	CHECKED	DATE
H	SITE ACCESS CROSSING REDUCED TO 3M/FOOTWAY AMENDS	JC	MC	SEP 23
G	GA AMENDMENTS	JC	MC	JAN 22
F	GA AMENDMENTS FOLLOWING KNOWSLEY COMMENTS	JC	MC	NOV 21
E	GA AMENDMENTS FOLLOWING TW COMMENTS	JC	MC	OCT 21
D	GA AMENDMENTS TO ENSURE SIGNALS KIT AVOIDS UNREG LAND	JC	MC	OCT 21
C	REVISED IN LINE WITH KNOWSLEY COMMENTS & SPEED LIMIT	JC	MC	OCT 21
B	REVISED IN LINE WITH KNOWSLEY COMMENTS & RSA	JC	MC	AUG 21
A	S278 BOUNDARY AMENDED IN LINE WITH S38 BOUNDARY	JC	MC	MAR 21

CLIENT:
TAYLOR WIMPEY

PROJECT:
FOX'S BANK LANE, WHISTON, KNOWSLEY

DRAWING TITLE:
S278 GENERAL ARRANGEMENT

SCALES:
1:250 @ A0

DRAWN: JC
CHECKED: MC
DATE: JAN 21

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Manchester
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DRAWING NUMBER: 3251-D001
REVISION: H

CROFT

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