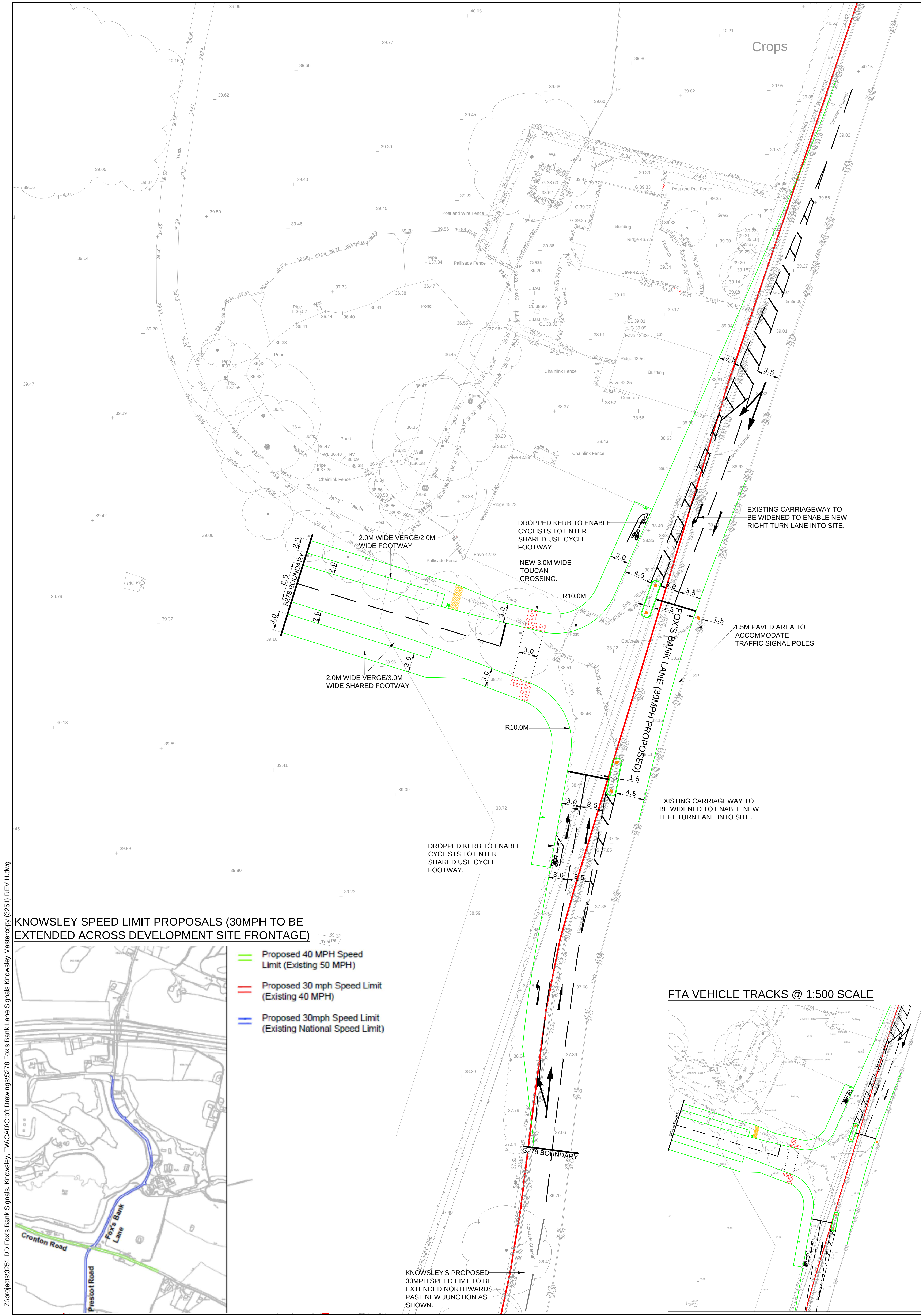
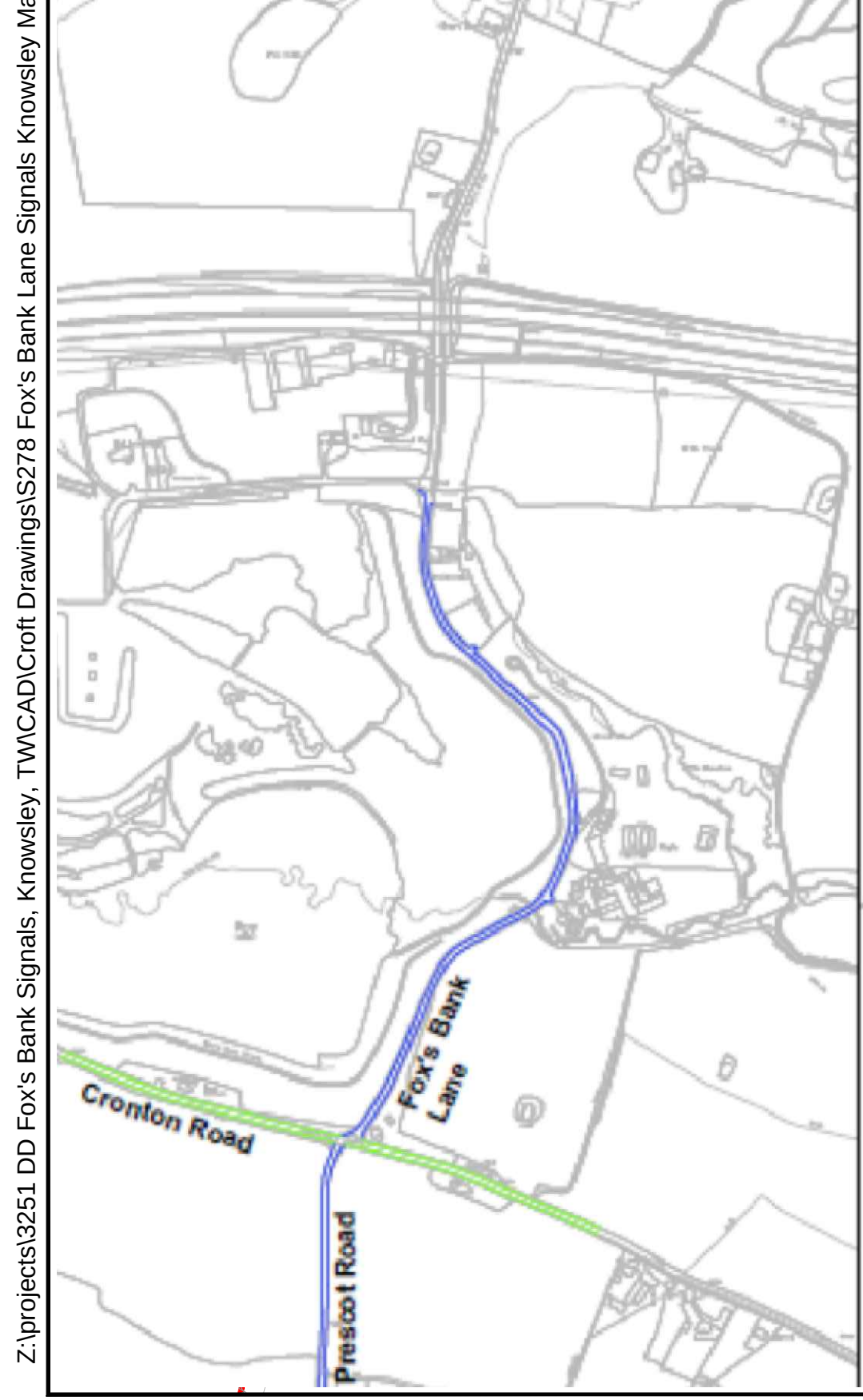


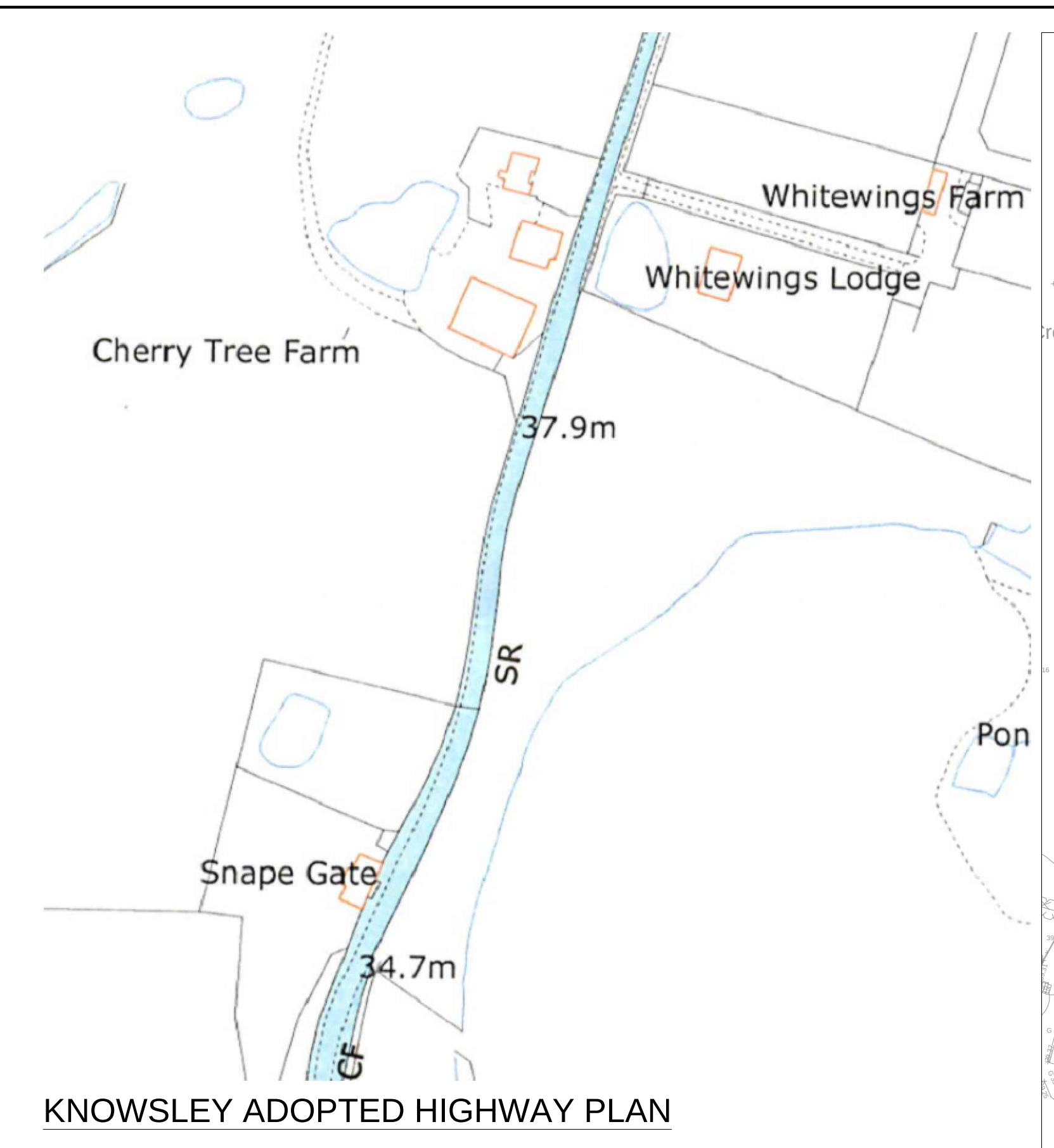
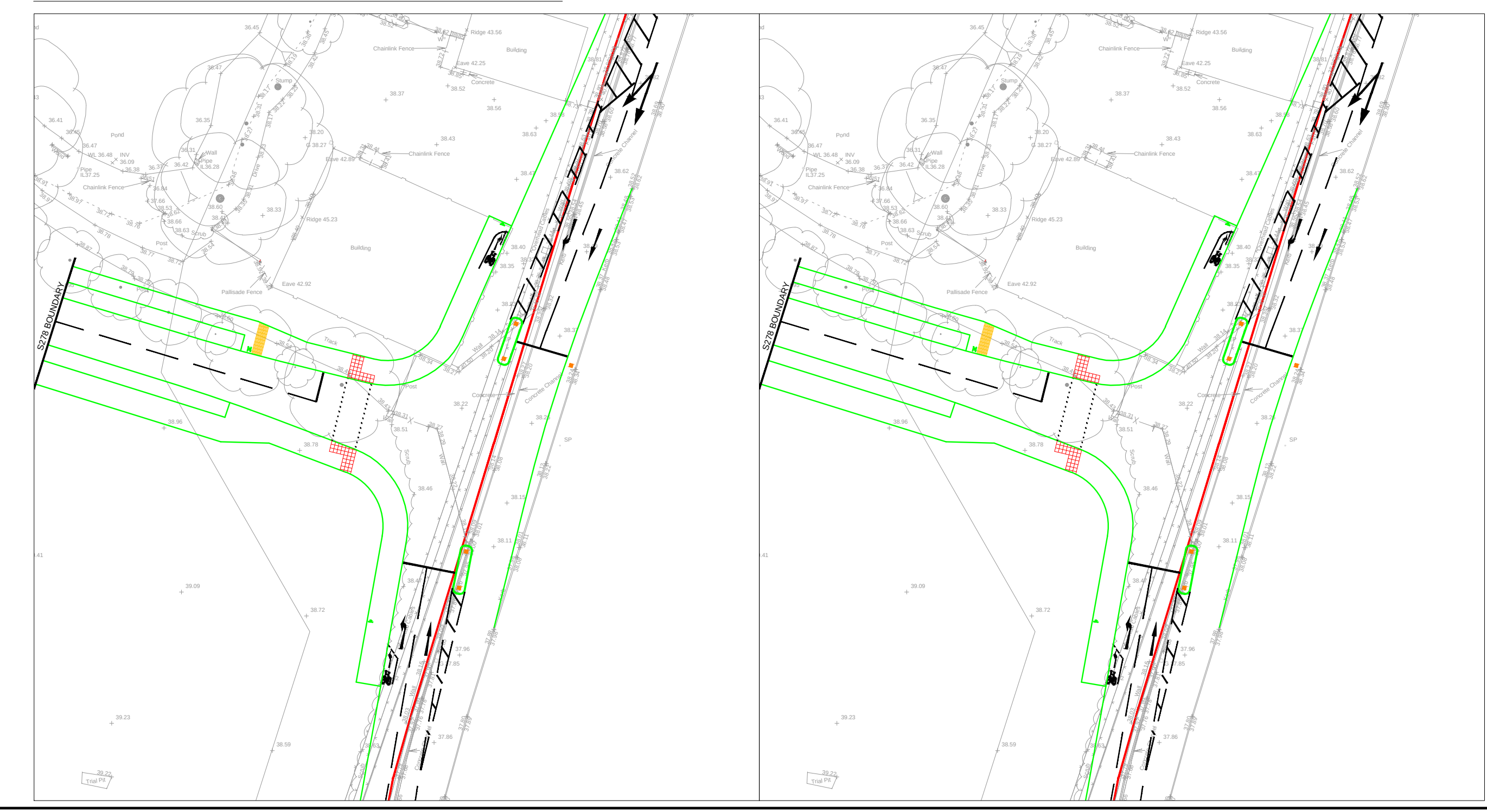
Z:\projects\3251_ DD Fox's Bank Signals_ Knowsley_ TWCAD\Croft Drawings\3278 Fox's Bank Lane Signals Knowsley Mastercopy (2251) REV H.dwg



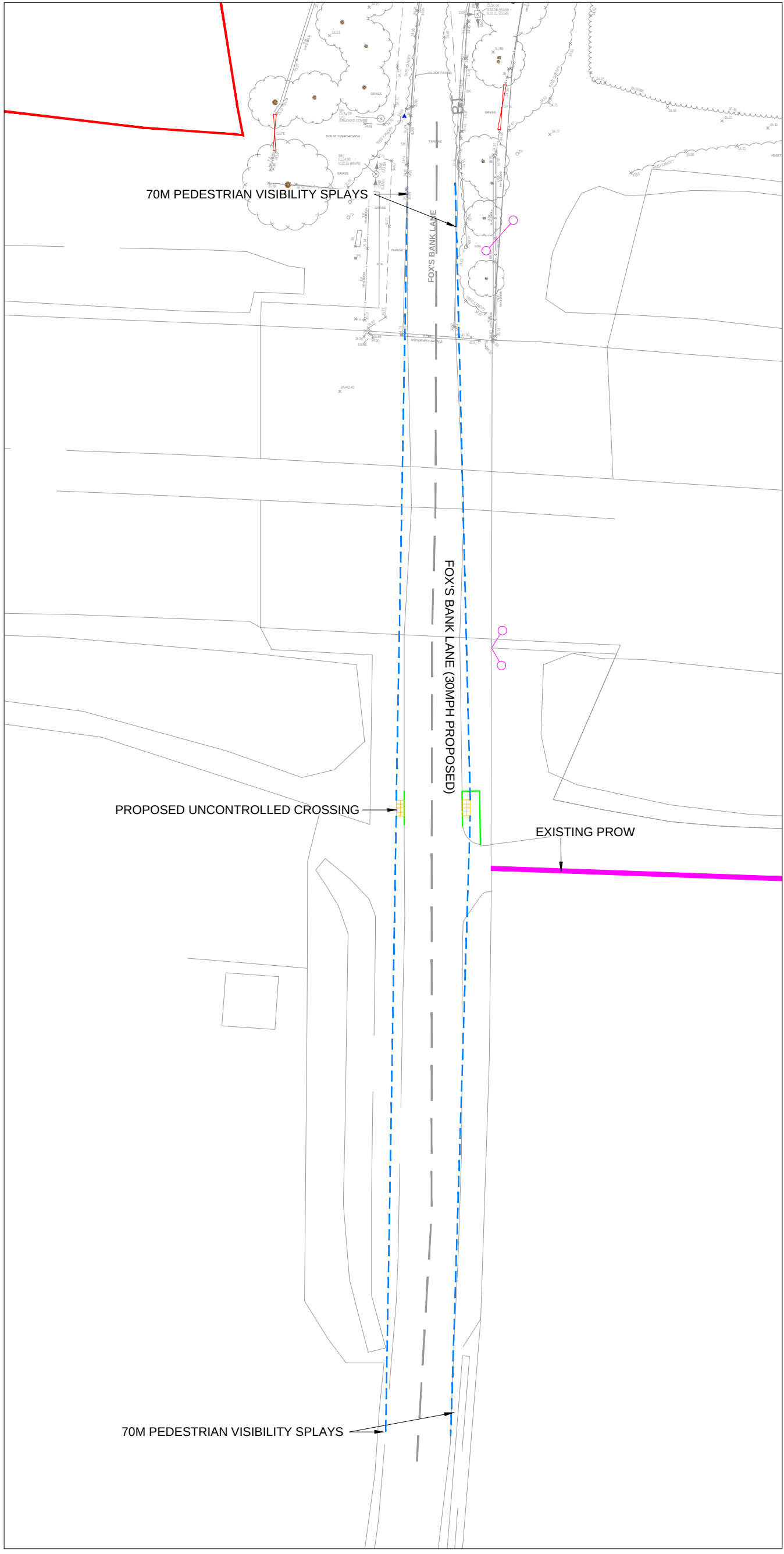
KNOWSLEY SPEED LIMIT PROPOSALS (30MPH TO BE EXTENDED ACROSS DEVELOPMENT SITE FRONTAGE)



FTA VEHICLE TRACKS @ 1:500 SCALE



KNOWSLEY ADOPTED HIGHWAY PLAN

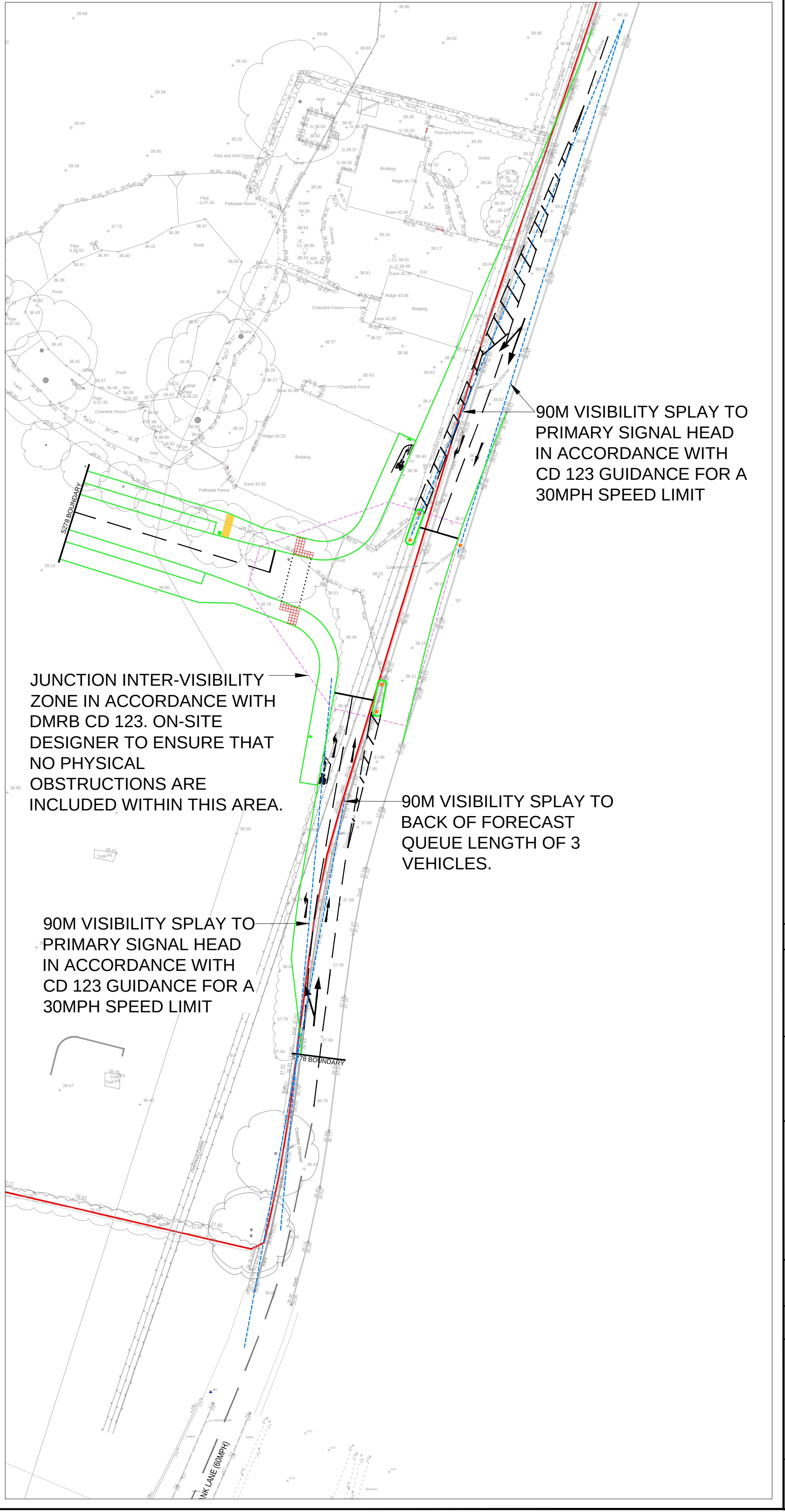


PROPOSED NEW UNCONTROLLED PEDESTRIAN CROSSING POINT (APPROX. 330M SOUTH OF NEW SITE ACCESS JUNCTION) @ 1:500 SCALE



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

VISIBILITY SPLAYS @ 1:500 SCALE



NOTES

1. ALL ADJACENT SEWERS AND ASSOCIATED WORKS ARE TO COMPLY FULLY WITH SEWERS FOR ADOPTION TTH 2017. ALL OWNERS ARE TO BE ADVISED IN ADVANCE WITH THE SEWERS FOR ADOPTION TTH 2017. ANY WORKS TO BE UNDERTAKEN ARE TO BE UNDERTAKEN PRIOR TO THE COMMENCEMENT OF THE WORKS. ANY DISCREPANCIES BETWEEN THE DESIGN AND THE SEWERS FOR ADOPTION TTH 2017 ARE TO BE REPORTED TO THE DESIGNER PRIOR TO THE COMMENCEMENT OF THE WORKS.

2. ALL HIGHWAY AND DRAINAGE WORKS TO BE TO ADOPTABLE STANDARDS AND SHALL COMPLY FULLY WITH THE LOCAL AUTHORITY SPECIFICATION APPROVED DRAINAGE DETAILS AND THE SEWERS FOR ADOPTION TTH 2017. THE DESIGN MANUAL FOR HIGHWAYS AND BRIDGES, SPECIFICATION FOR HIGHWAY WORKS AND BRITISH STANDARDS CONTRACTOR TO DESIGN POSITIVE DRAINAGE TO ALL COLLECT PRIOR TO WORKS COMMENCING.

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

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

5. ALL MATERIALS TO BE THE RELEVANT S & S ITEM AND COMPLY FULLY WITH THE SPECIFICATIONS. ALL MATERIALS TO BE AGREED WITH THE CHARGING LOCAL AUTHORITY REPRESENTATIVE PRIOR TO ORDERING. ALL CONCRETE, CONCRETE PRODUCTS MUST BE SALTPHATE RESISTANT CEMENT (UNLESS THE SITE INVESTIGATION REPORT PROVIDES THAT SULPHATE ATTACK FROM SOILS AND SPECIMENATION WILL NOT OCCUR).

6. ALL STATUTORY COMMENTS, ORDERING NOTICES ETC. AS REQUIRED UNDER HIGHWAYS ACTS AND WATER RESOURCES 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. NINE OR STATUTORY AUTHORITY AS APPLICABLE.

7. CONTRACTOR TO MAKE ADEQUATE ALLOWANCE FOR THE MANAGEMENT AND COORDINATION OF STATUTORY UNDERTAKINGS UNDERTAKING WITHIN THEIR PROGRAMME OF WORKS. PRESENCE OF STATUTORY UNDERTAKINGS EQUIPMENT IN THE HIGHWAY SHOULD BE ADVISED BY THE CONTRACTOR IN ADVANCE. 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 AND POSITION OF CABLES. THE CONTRACTOR SHALL CONFIRM THE LOCATION OF ALL STAFF PLANT BY HAND GAS TRAIL TRENCHES PRIOR TO COMMENCING ANY WORKS. ALL PLANT AND EQUIPMENT FOR THE PRESENCE OF ALL STAFF APPROPRIATE. NOTIFICATION, MANAGER, INCORPORATING PLANT AND EQUIPMENT CONCRETE SURROUNDING SHALL BE STATUTORY APPROVED METHOD OF BEING PUT IN PLACE BY THE CONTRACTOR UNLESS STATED OTHERWISE. UNLESS STAFF EQUIPMENT ARE FOUND TO BE WITHIN THE AREA OF HIGHWAY WORKS.

8. PRIOR TO ORDERING THE CONTRACTOR IS TO AGREE ALL SIGN POSTING COLUMN MATERIALS AND FINISHES WITH THE LOCAL AUTHORITY. ALL SIGN TO COMPLY WITH BS 6839 AND ITS NATIONAL, AREA, TYPE OF POSTS, FINISHES AND LIGHTING UNIFORMITY TO BE AGREED WITH LA STREET LIGHTING ENGINEER PRIOR TO ORDERING. CONTRACTOR IS RESPONSIBLE FOR COORDINATING THE PROVISION OF ALL REQUIRED EQUIPMENT AND ELECTRICAL FEEDS TO LIGHTING AND ANY SIGNALS PRIOR TO WORKS COMMENCING. CONTRACTOR TO MAKE ALLOWANCE FOR ANY LOADS WITHIN THEIR PROGRAMME.

9. ALL ROADWORKERS TO BE LAD IN ACCORDANCE WITH THE REQUIREMENTS OF THE TRAFFIC SIGNS MANUAL, CHAPTER 4, TRAFFIC SIGNS REGULATIONS AND GENERAL DIRECTIONS. ROADWORKERS MATERIALS, LAYOUT AND PERFORMANCE TO BE IN ACCORDANCE WITH THE REQUIREMENTS OF BS EN 12368 ACCESS COVERS WITHIN THE VICINITY OF THE WORKS TO HAVE HIGH PROTECTOR COVERS AND AGREE WITH LA ENGINEER. FIVE OF ALL LAMP AND COVERS TO SATISFACTORY SPECIFICATION.

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 PROVISION OF ALL ELECTRICAL WORKING EQUIPMENT FOR SIGNALS AND STREET LIGHTING WITHIN THEIR PROGRAMME OF WORKS.

11. THE PLANNING AND CONTRACTORS RISK ASSESSMENTS AND RISK REGISTER.

12. THE DEVELOPER CONSTRUCTION HEALTH AND SAFETY PLAN.

13. THE CONTRACTORS CONSTRUCTION METHOD STATEMENTS.

14. THE ABOVE SET BY BY MEANS EVALUATIVE BUT IF DOES HIGHLIGHT OPERATIONS THAT PRESENT A RISK TO CONTRACTORS AND THE GENERAL PUBLIC.

15. TRENCH EXCAVATIONS IN EXCESS OF 1M DEEP.

16. EXCAVATIONS TO BE SECURED TO EXCAVATIONS TO PREVENT PEOPLE, MATERIALS AND VEHICLES FALLING INTO EXCAVATION.

17. GUARDING OF EXCAVATIONS OUTSIDE WORKING HOURS TO PREVENT UNAUTHORISED ACCESS.

18. UNDERMINING TO AVOID ROAD OR STRUCTURES.

19. COMPILED SPACE OPERATIONS.

20. BEARING WITH EXISTING SERVICES.

21. TRAFFIC MANAGEMENT OF SITE PERSONNEL AND PROTECTION OF SITE PERSONNEL AND MEMBERS OF THE PUBLIC.

22. PROCEDURE TO BE FOLLOWED IN EVENT OF ACCIDENT OR EMERGENCY.

23. METHOD OF WORKING WHERE CONTAMINATED GROUND IS PRESENT ON SITE.

24. CONTAMINATION WILL BE REMOVED THAT ALL OPERATIONS ARE ACCORDANTLY TRAFFICED COPIES OF RELEVANT TRAFFIC MANAGEMENT PLANS TO BE PROVIDED.

25. ANY CONSTRUCTION PERSONNEL, INCLUDING OPERATIVES INTENDING TO CONSTRUCT THE DESIGN SHOWN ON THE DRAWINGS SHOULD BE AWARE THAT THEY HAVE BEEN REGULARLY AND THOROUGHLY BRIEFED BY THE PRINCIPAL CONTRACTOR ON ALL HEALTH AND SAFETY MATTERS AND HAVE TWO SHIRT ON.

26. THE PLANNING AND CONTRACTORS RISK ASSESSMENTS AND RISK REGISTER.

27. THE DEVELOPER CONSTRUCTION HEALTH AND SAFETY PLAN.

28. THE CONTRACTORS CONSTRUCTION METHOD STATEMENTS.

29. THE ABOVE SET BY BY MEANS EVALUATIVE BUT IF DOES HIGHLIGHT OPERATIONS THAT PRESENT A RISK TO CONTRACTORS AND THE GENERAL PUBLIC.

REV	DETAILS	DRAWN	CHECKED	DATE
A	SITE ACCESS CROSSING REDUCED TO 10M WIDTH BY THE	JC	MC	SEP 21
B	GA AMENDMENTS FOLLOWING KNOWSLEY COMMENTS	JC	MC	JUN 22
C	GA AMENDMENTS FOLLOWING KNOWSLEY COMMENTS	JC	MC	OCT 21
D	GA AMENDMENTS FOLLOWING KNOWSLEY COMMENTS	JC	MC	OCT 21
E	GA AMENDMENTS FOLLOWING KNOWSLEY COMMENTS	JC	MC	OCT 21
F	GA AMENDMENTS FOLLOWING KNOWSLEY COMMENTS	JC	MC	OCT 21
G	GA AMENDMENTS FOLLOWING KNOWSLEY COMMENTS	JC	MC	OCT 21
H	GA AMENDMENTS FOLLOWING KNOWSLEY COMMENTS	JC	MC	OCT 21
I	GA AMENDMENTS FOLLOWING KNOWSLEY COMMENTS	JC	MC	OCT 21
J	GA AMENDMENTS FOLLOWING KNOWSLEY COMMENTS	JC	MC	OCT 21
K	GA AMENDMENTS FOLLOWING KNOWSLEY COMMENTS	JC	MC	OCT 21
L	GA AMENDMENTS FOLLOWING KNOWSLEY COMMENTS	JC	MC	OCT 21
M	GA AMENDMENTS FOLLOWING KNOWSLEY COMMENTS	JC	MC	OCT 21
N	GA AMENDMENTS FOLLOWING KNOWSLEY COMMENTS	JC	MC	OCT 21
O	GA AMENDMENTS FOLLOWING KNOWSLEY COMMENTS	JC	MC	OCT 21
P	GA AMENDMENTS FOLLOWING KNOWSLEY COMMENTS	JC	MC	OCT 21
Q	GA AMENDMENTS FOLLOWING KNOWSLEY COMMENTS	JC	MC	OCT 21
R	GA AMENDMENTS FOLLOWING KNOWSLEY COMMENTS	JC	MC	OCT 21
S	GA AMENDMENTS FOLLOWING KNOWSLEY COMMENTS	JC	MC	OCT 21
T	GA AMENDMENTS FOLLOWING KNOWSLEY COMMENTS	JC	MC	OCT 21
U	GA AMENDMENTS FOLLOWING KNOWSLEY COMMENTS	JC	MC	OCT 21
V	GA AMENDMENTS FOLLOWING KNOWSLEY COMMENTS	JC	MC	OCT 21
W	GA AMENDMENTS FOLLOWING KNOWSLEY COMMENTS	JC	MC	OCT 21
X	GA AMENDMENTS FOLLOWING KNOWSLEY COMMENTS	JC	MC	OCT 21
Y	GA AMENDMENTS FOLLOWING KNOWSLEY COMMENTS	JC	MC	OCT 21
Z	GA AMENDMENTS FOLLOWING KNOWSLEY COMMENTS	JC	MC	OCT 21

CLIENT: TAYLOR WIMPEY

PROJECT: FOX'S BANK LANE, WHISTON, KNOWSLEY

DRAWING TITLE: S278 GENERAL ARRANGEMENT

SCALE: 1:250 @ A0

DRAWN: JC CHECKED: MC DATE: JAN 21

Croft Transport Planning & Design
340 Deansgate
Manchester
M3 4LY

Email: info@crofts.co.uk
Tel: 0161 837 7380
Web: www.crofts.co.uk

DRAWING NUMBER: 3251-D001 REVISION: H

CROFT