

West Winch Housing Access Road

Typical Cross Sections

Author: Lynden Cable (WSP)

Document Reference: 2.06.00

Version Number: P01

Date: December 2023



Contents

1	Introduction		
	1.1	Overview	3
	1.2	Typical cross-sections	3
2	Drawi	ngs	3
Figu	ıre 1 -	Typical Cross sections for A47 (Sheet 1 of 2)	4
•		Typical Cross sections for A47 (Sheet 1 of 2) Typical Cross sections for A47 (Sheet 2 of 2)	
Figu	ıre 2 -		5



1 Introduction

1.1 Overview

1.1.1 This set of drawings present the proposed Typical Cross-sections along A47, Housing Access Road and The Rectory Lane as part of West Winch Housing Access Road (WWHAR) scheme in relation to the surrounding area. These drawings show the highway proposals only. The drawings included in this pack are as follows;

1.2 Typical cross-sections

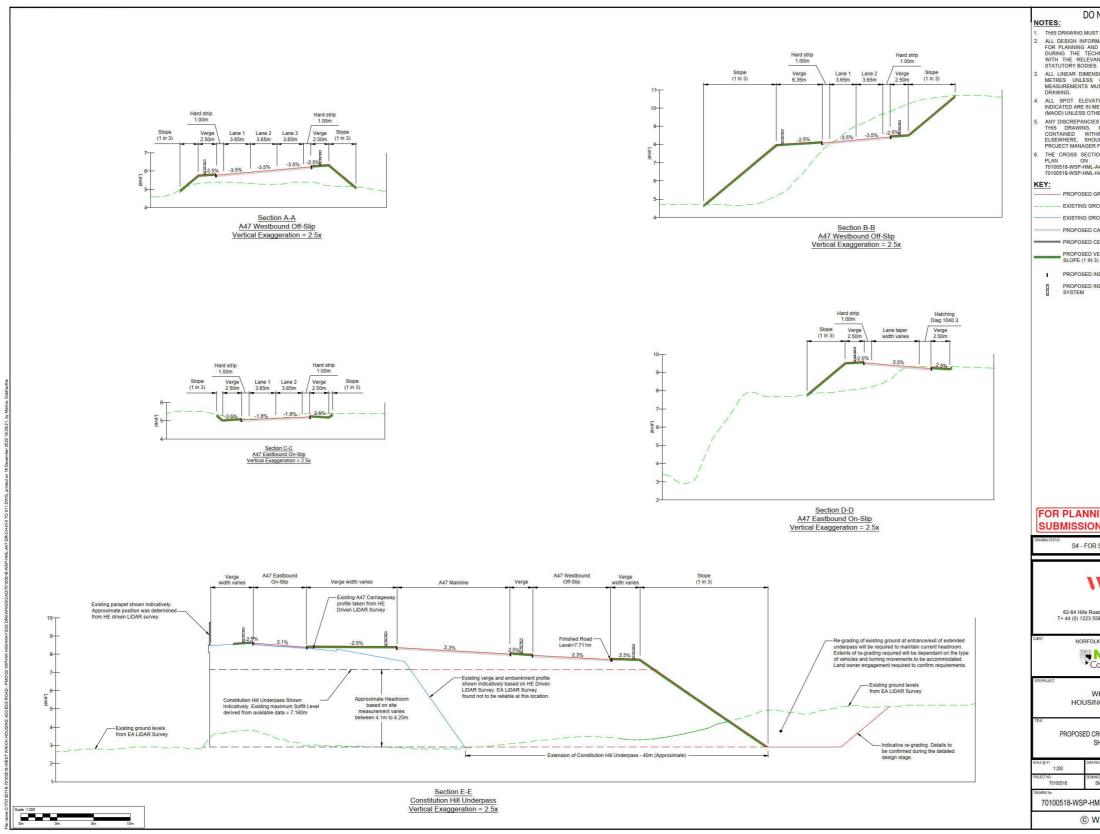
1.2.1 Figure 1 to Figure 2 show the proposed Cross-sections along the A47 at different locations between Hardwick Interchange and the proposed tie-in. Figure 3 shows the proposed Cross-sections along the Housing Access Road (HAR) at different locations between A47 roundabout and the proposed A10 roundabout. Figure 4 shows the proposed Cross-sections along Rectory Lane. It shows proposed key cross-section features such as existing ground data, Proposed surface level, width and slopes of the lanes, hard strip, verge, earthwork, and central reserve. The drawings are presented with a typical horizontal to vertical exaggeration of 2.5 in order to clearly present the proposals. The cross-sections cover various locations where the width of the carriageway configuration significantly changes.

2 Drawings

The drawings described above are provided on the following pages.



Figure 1 - Typical Cross sections for A47 (Sheet 1 of 2)

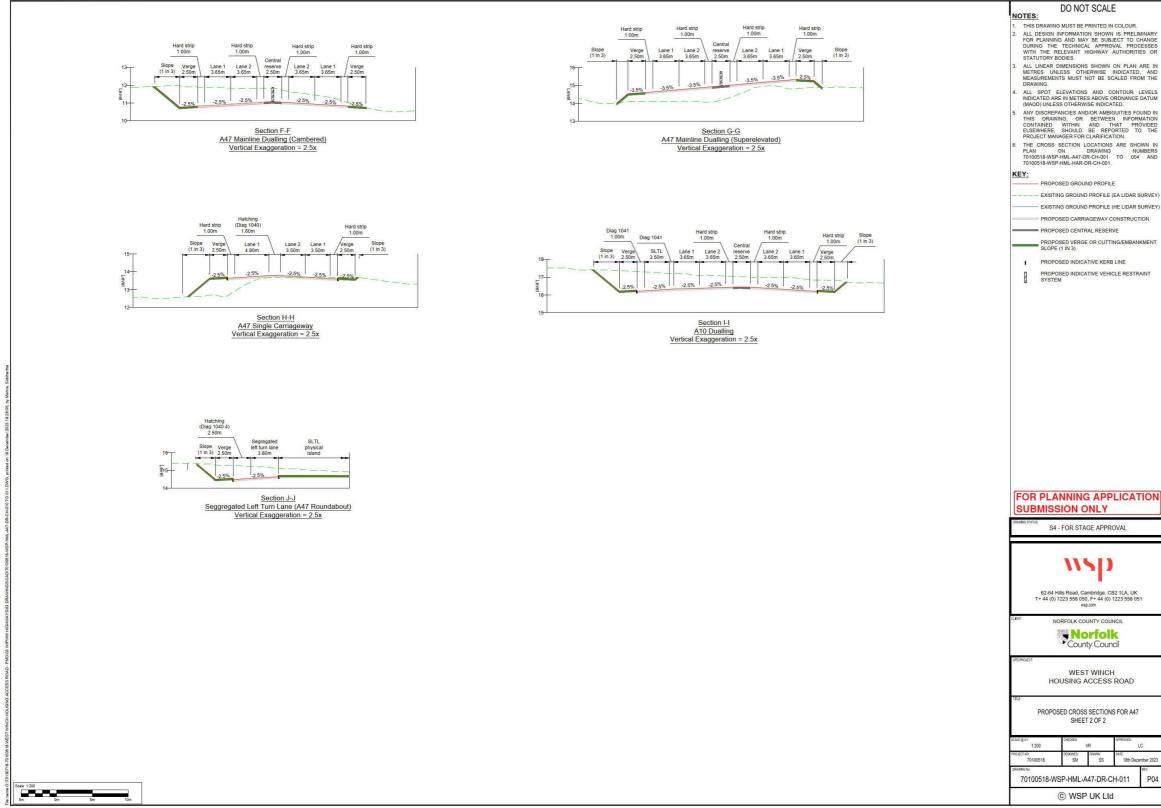


T

O NOT SCALE
UST BE PRINTED IN COLOUR. DRMATION SHOWN IS PRELIMINARY NID MAY BE SUBJECT TO CHANGE CHINICAL APPROVAL PROCESSES VANT HIGHWAY AUTHORITIES OR E8.
ENSIONS SHOWN ON PLAN ARE IN S OTHERWISE INDICATED, AND MUST NOT BE SCALED FROM THE
VATIONS AND CONTOUR LEVELS I METRES ABOVE ORDNANCE DATUM DTHERWISE INDICATED.
SIES ANDIOR AMBIGUTIES FOUND IN , OR BETWEEN INFORMATION ITHIN AND THAT PROVIDED OULD BE REPORTED TO THE ER FOR CLARIFICATION. TON LOCATIONS ARE SHOWN IN DRAWING NUMBERS ILA47-DR-CH-001 TO 004 AND IL-HAR-DR-CH-001.
GROUND PROFILE (EA LIDAR SURVEY) GROUND PROFILE (HE LIDAR SURVEY)
D CARRIAGEWAY CONSTRUCTION
D CENTRAL RESERVE D VERGE OR CUTTING/EMBANKMENT
N 3)
D INDICATIVE KERB LINE D INDICATIVE VEHICLE RESTRAINT
NING APPLICATION
OR STAGE APPROVAL
wsp 👘
Road, Cambridge, CB2 1LA, UK 3 558 050, F+ 44 (0) 1223 558 051 wsp.com
ouk county council Norfolk County Council
WEST WINCH SING ACCESS ROAD
CROSS SECTIONS FOR A47 SHEET 1 OF 2
VR LC SIGNED: DRAWN: DATE
SM SS 18th December 2023
HML-A47-DR-CH-010 P04
WSP UK Ltd



Figure 2 - Typical Cross sections for A47 (Sheet 2 of 2)



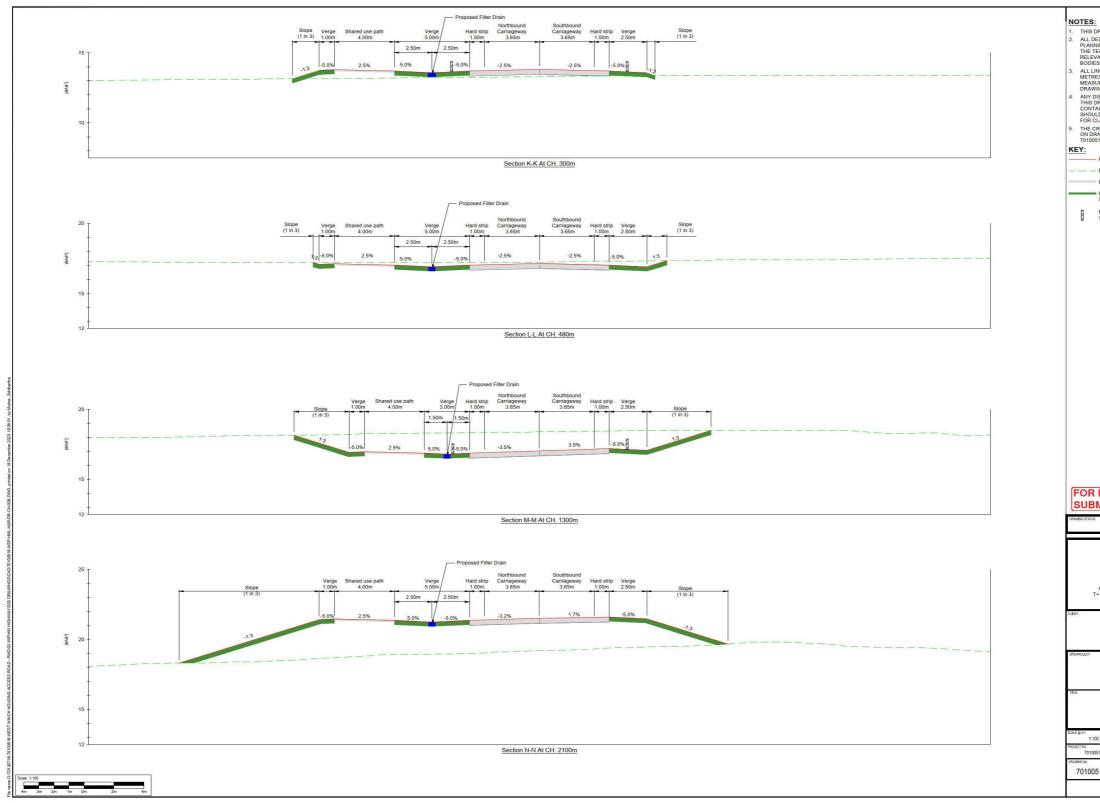
PROVIDED TO THE

- EXISTING GROUND PROFILE (HE LIDAR SURVEY

	APPROVED:	LC
RAIMN: SS	N: DATE: SS 18th December 202	
7-DR-C	H-011	P04
JK Ltd		



Figure 3 - Typical Cross sections for HAR (Sheet 1 of 1)



DO NOT SCALE

THIS DRAWING MUST BE PRINTED IN COLOUR. ALL DESIGN INFORMATION SHOWN IS PRELIMINARY FO PLANNING AND MAY BE SUBJECT TO CHANGE DURING THE TECHNICAL APPROVAL PROCESSES WITH THE RELEVANT HIGHWAY AUTHORITIES OR STATUTORY BOOIES.

ALL LINEAR DIMENSIONS SHOWN ON PLAN ARE IN METRES UNLESS OTHERWISE INDICATED, AND MEASUREMENTS MUST NOT BE SCALED FROM THE DRAWING.

ANY DISCREPANCIES AND/OR AMBIGUITIES FOUND IN THIS DRAWING, OR BETWEEN INFORMATION CONTAINED WITHIN AND THAT PROVIDED ELSEWHERE SHOULD BE REPORTED TO THE PROJECT MANAGER FOR CLARIFICATION.

THE CROSS SECTION LOCATIONS ARE SHOWN IN PLAN ON DRAWING NUMBER 70100518-WSP-HML-HAR-DR-CH-001 TO 003

- PROPOSED GROUND PROFILE

- EXISTING GROUND PROFILE (EA LIDAR SURVEY)

PROPOSED CARRIAGEWAY CONSTRUCTION

PROPOSED VERGE OR CUTTING/EMBANKMENT SLOPE (1 IN 3)

PROPOSED INDICATIVE VEHICLE RESTRAINT SYSTEM

FOR PLANNING APPLICATION SUBMISSION ONLY

S4 - FOR STAGE APPROVAL

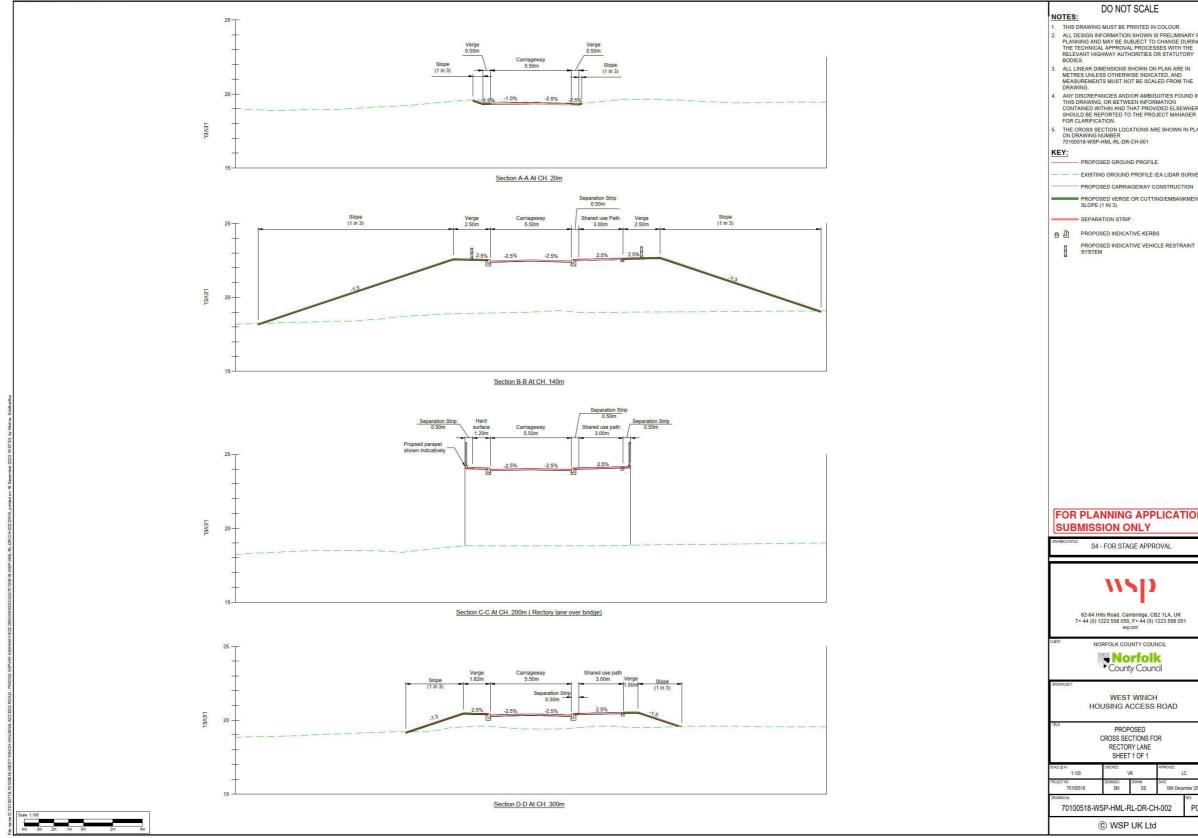
wsp

62-64 Hills Road, Cambridge, CB2 1LA, UK T+ 44 (0) 1223 558 050, F+ 44 (0) 1223 558 051

wsp.com				
NC	No Count	rfol	k	
НО	WEST USING A	WINCH		
	PROP CROSS SEC IOUSING AC SHEET	CTIONS FO		
00	CHECKED:	R	APPROVED:	с
0518	DESIGNED: SM	DRAWN SS	DATE 18th Dece	mber 2023
518-WS	P-HML-H	AR-DR-C	CH-008	P03
(© WSP	UK Lto	ł	







DO NOT SCALE

DRAWING. ANY DISCREPANCIES AND/OR AMBIGUITIES FOUND IN THIS DRAWING, OR BETWEEN INFORMATION CONTAINED WITHIN AND THAT PROVIDED ELSEWHERE, SHOULD BE REPORTED TO THE PROJECT MANAGER FOR CLARIFICATION.

THE CROSS SECTION LOCATIONS ARE SHOWN IN PLAN ON DRAWING NUMBER 70100518-WSP-HML-RL-DR-CH-001

PROPOSED GROUND PROFILE

- EXISTING GROUND PROFILE (EA LIDAR SURVEY) PROPOSED CARRIAGEWAY CONSTRUCTION

PROPOSED VERGE OR CUTTING/EMBANKMENT SLOPE (1 IN 3)

SEPARATION STRIP

PROPOSED INDICATIVE VEHICLE RESTRAINT SYSTEM

FOR PLANNING APPLICATION SUBMISSION ONLY

S4 - FOR STAGE APPROVAL

wsp

62-64 Hills Road, Cambridge, CB2 1LA, UK T+ 44 (0) 1223 558 050, F+ 44 (0) 1223 558 051

NORFOLK COUNTY COUNCIL
County Council
WEST WINCH

HOUSING ACCESS ROAD

C	ROSS SE RECTO	POSED CTIONS F RY LANE T 1 OF 1	OR	
	CHECKED: VR		APPROVED:	
	DESIGNED: DRAWN: SM SS		DATE: 18th Dec	ember 2023
WS	P-HML-I	RL-DR-C	H-002	REV: P03
0	WSF	UK Lto	ł	