

FILENAME : J:\2017\A090070 - 270 AND 410 - HARRAS ROAD, HARRAS MOOR, WHITEHAVEN\CAD\WYG DRAWINGS\A090070-P002.DWG | PLOTTED BY : JAKUB GORALEWSKI | PLOTTED DATE : 21 March 2018 14:35:05



DO NOT SCALE: CONTRACTOR TO CHECK ALL DIMENSIONS AND REPORT ANY OMISSIONS OR ERRORS

- This drawing should be read in relation to the subject of the title only. Other information shown on the drawing is to be considered indicative only. Reference should be made to appropriate drawing series/specifications for other information.
- All dimensions are in metres unless specified otherwise.
- Visibility splay are based upon MfS requirements.

Key:

2.4m x 63m Visibility splay

PRELIMINARY ISSUE

REV	DESCRIPTION	BY	CHK	APP	DATE
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Project:

PROPOSED RESIDENTIAL DEVELOPMENT AT HARRAS MOOR, WHITEHAVEN

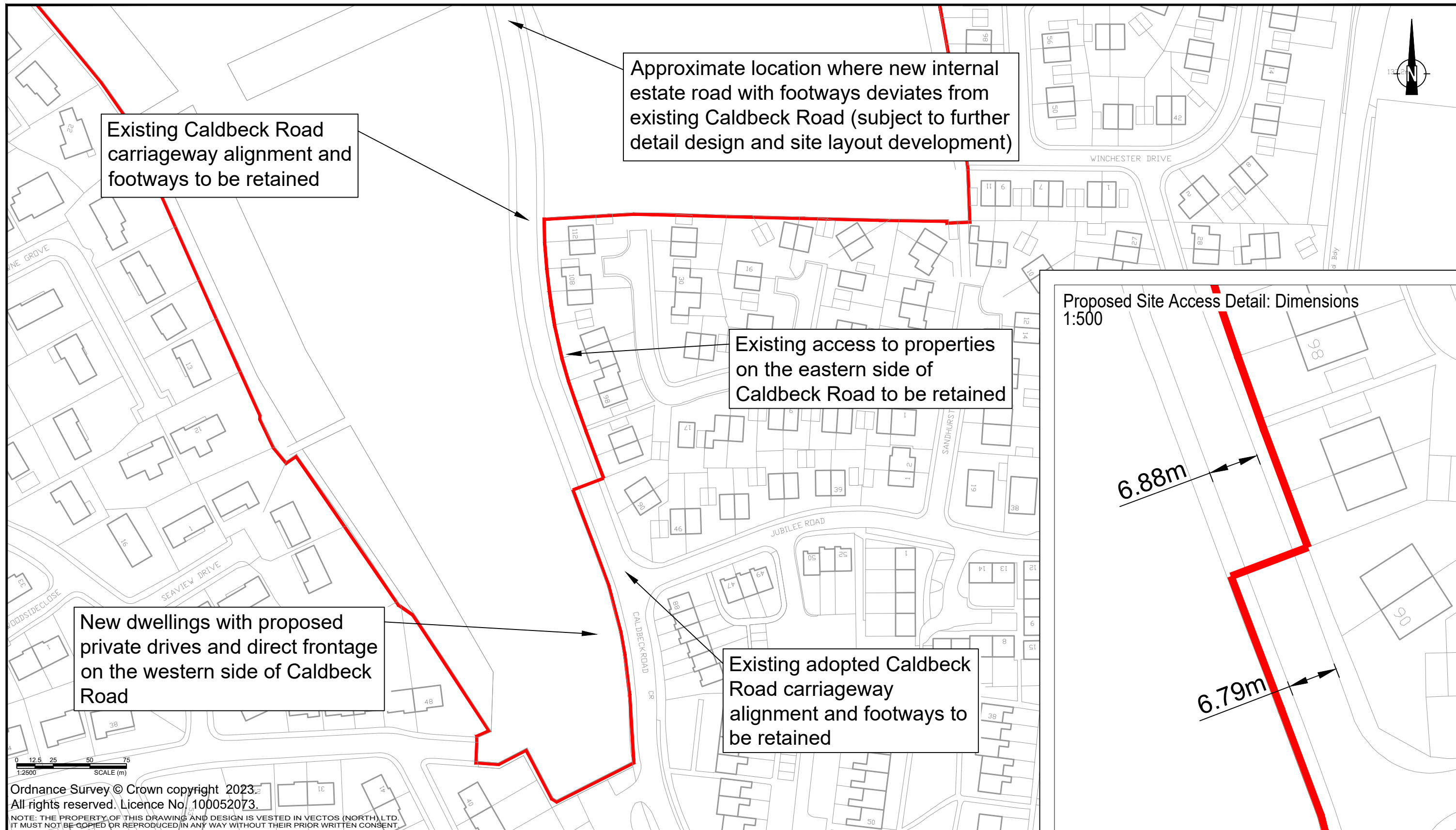
Drawing Title:

**PROPOSED SITE ACCESS JUNCTION
OPTION 1**

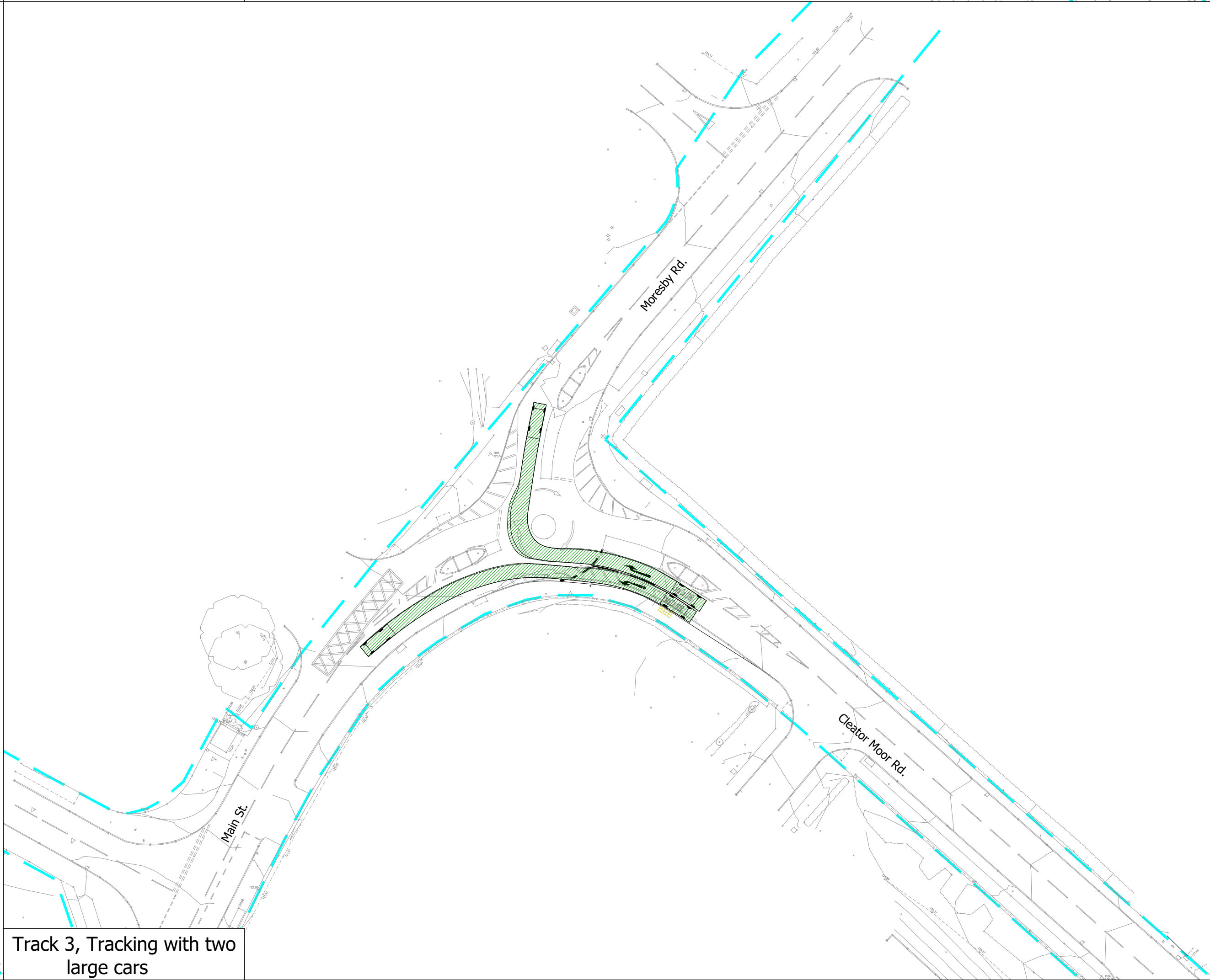
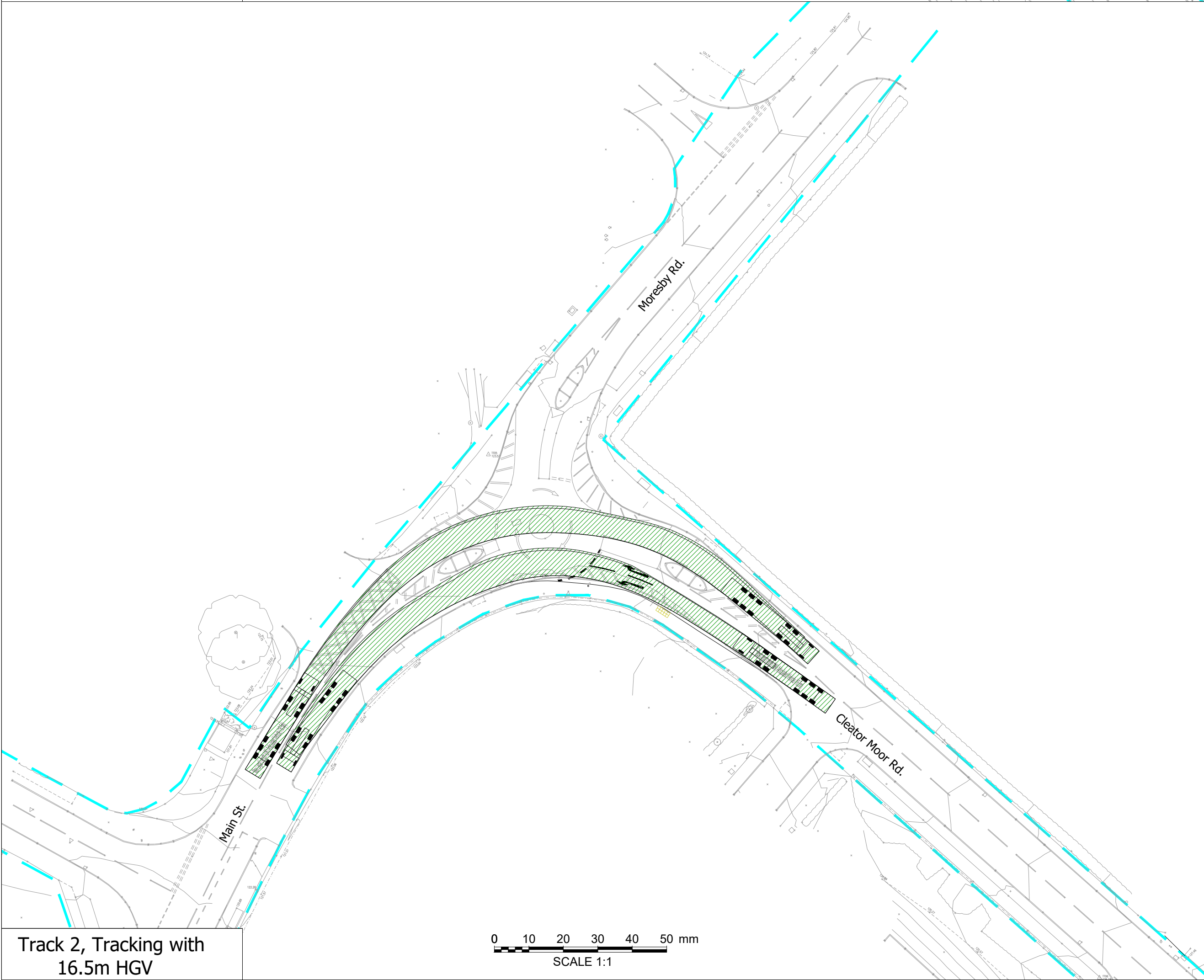
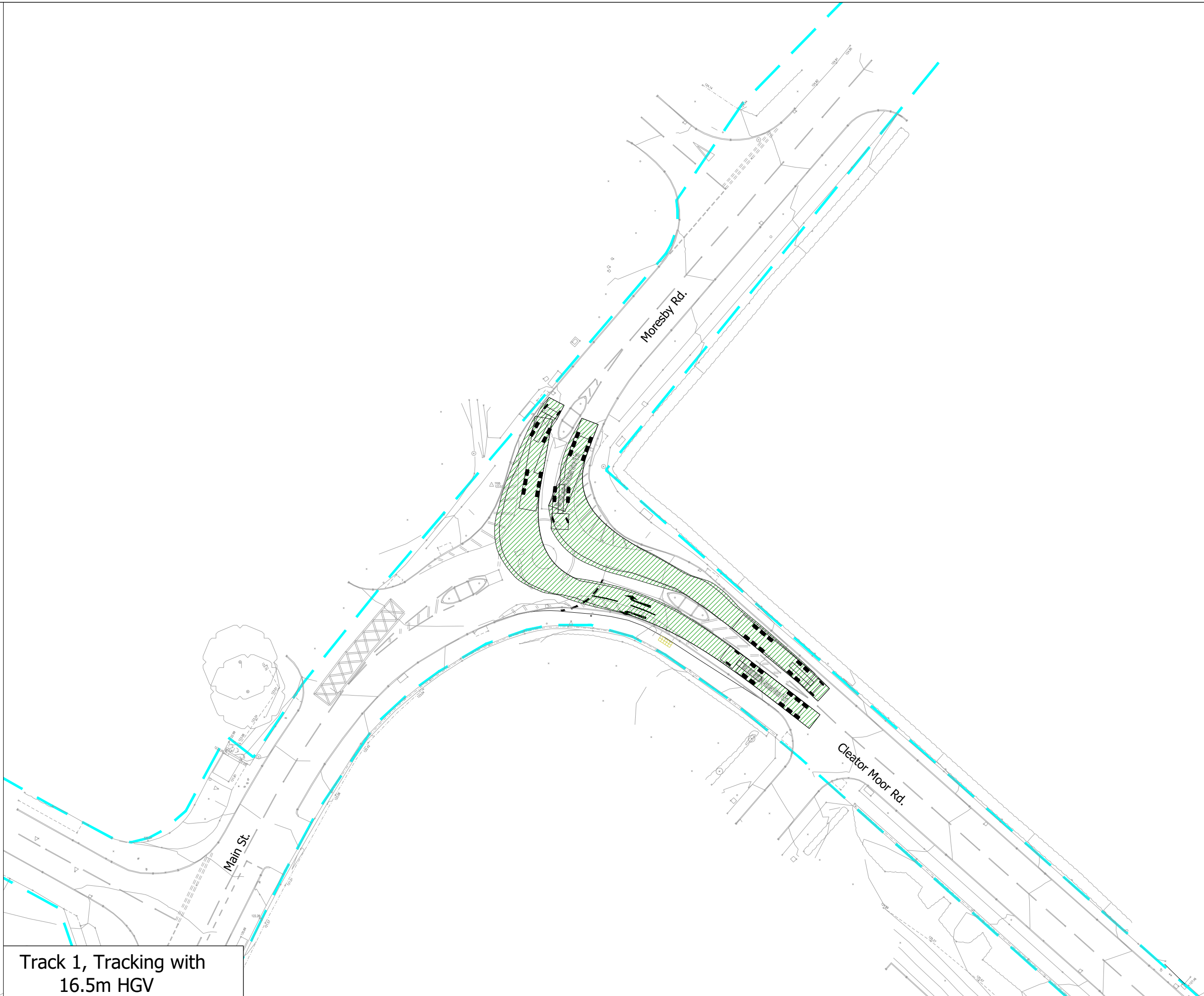
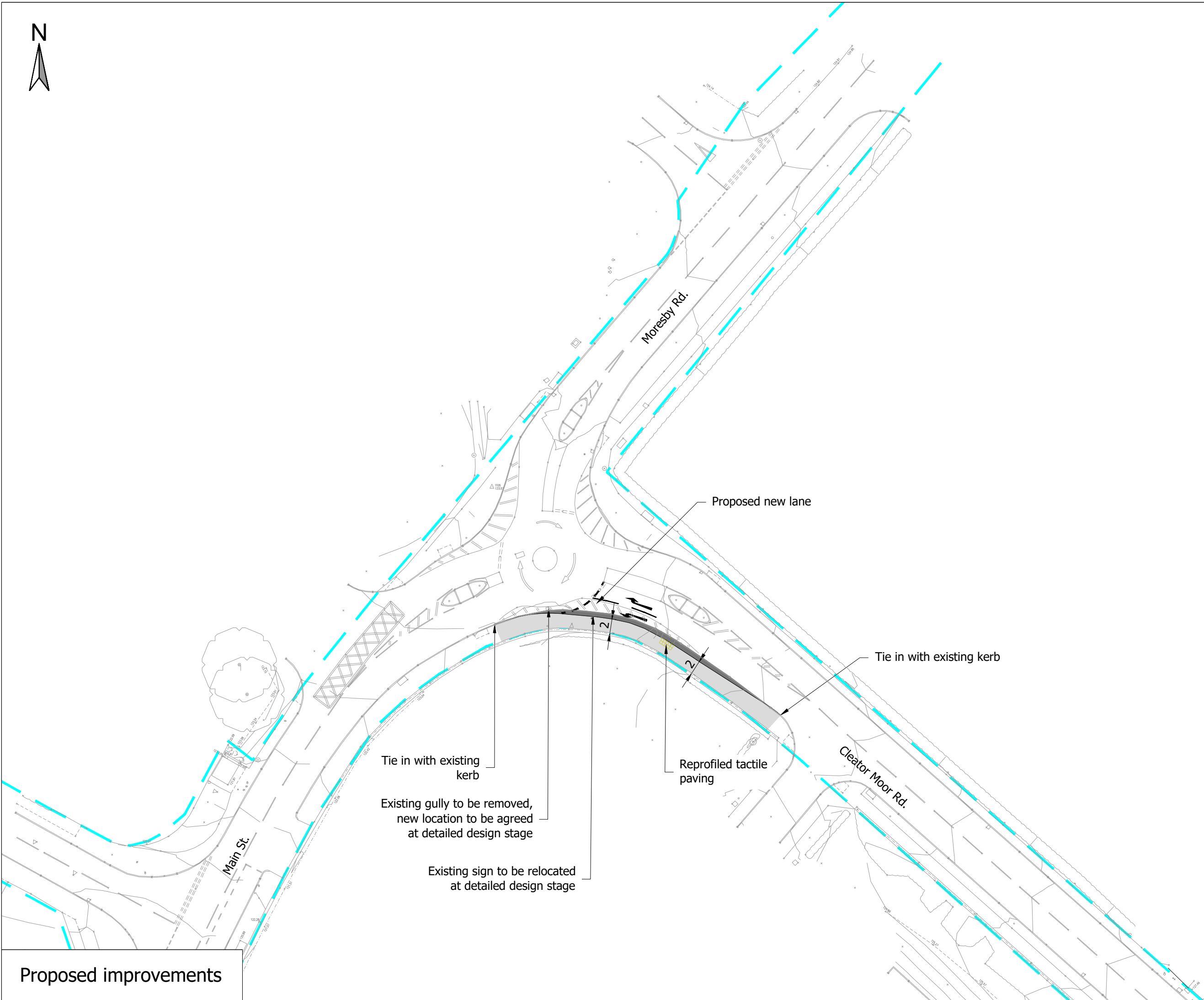
Scale @	A1	Drawn	Date	Checked	Date	Approved	Date
1:500	JG	MS	MAR 2018	MS	MAR 2018	MS	MAR 2018

Project No.	Office	Type	Drawing No.	Revision
A090070	27	C	A090070-P002	--

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REV.	DETAILS	DRAWN	CHECKED	DATE	Notes: Site Location Harras Moor, Whitehaven General Arrangement - Caldbeck Road Access DRAWN:CG CHECKED:PW DATE:28.04.23 SCALES:1:1250 at A3 Homes England vectos. 4th Floor Oxford Place, 61 Oxford Street, Manchester, M1 6EQ 0161 228 1008 e: manchester@vectos.co.uk DRAWING NUMBER:VN232529 - D102 REVISION:A
A	Update to annotation	CG	PW	28.04.23	



1. This drawing should be read in relation to the subject of the title only. Other information shown on the drawing is to be considered indicative only. Reference should be made to appropriate drawing series/specifications for other information.
2. All dimensions are in metres unless specified otherwise.
3. Original topographical survey provided by TetraTech.

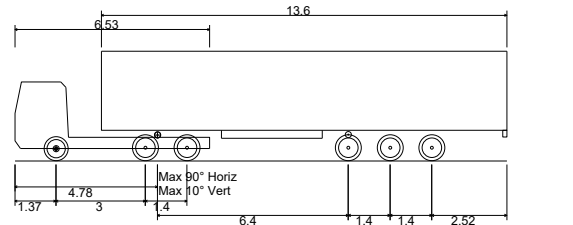
Key:

Approximate extent of highway boundary -

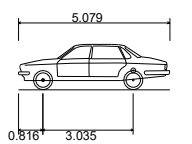
Extent of proposed realigned footway -

Extent of proposed carriageway widening - [REDACTED]

Vehicle profile:



Max Legal Length (UK) Articulated Vehicle (16.5m)	
Overall Length	16.500m
Overall Width	2.550m
Overall Body Height	3.681m
Min Body Ground Clearance	0.411m
Max Track Width	2.500m
Lock to lock time	6.00s
Kerb to Kerb Turning Radius	6.530m



Large Car (2006)	
Overall Length	5.079m
Overall Width	1.872m
Overall Body Height	1.525m
Min Body Ground Clearance	0.310m
Max Track Width	1.831m
Lock to lock time	4.00s
Kerb to Kerb Turning Radius	5.900m

PRELIMINARY ISSUE

P02	Homes England minor comments incorporated		10/02/21	JG	AK	AK			
P01	First issue		16/02/21	JG	LB	AK			
Rev	Description		Date	Dm / Chk / App					

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Client	
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HOMES ENGLAND

Project Name	
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PROPOSED RESIDENTIAL DEVELOPMENT AT HARRAS MOOR, WHITEHEAVEN

Sheet Title

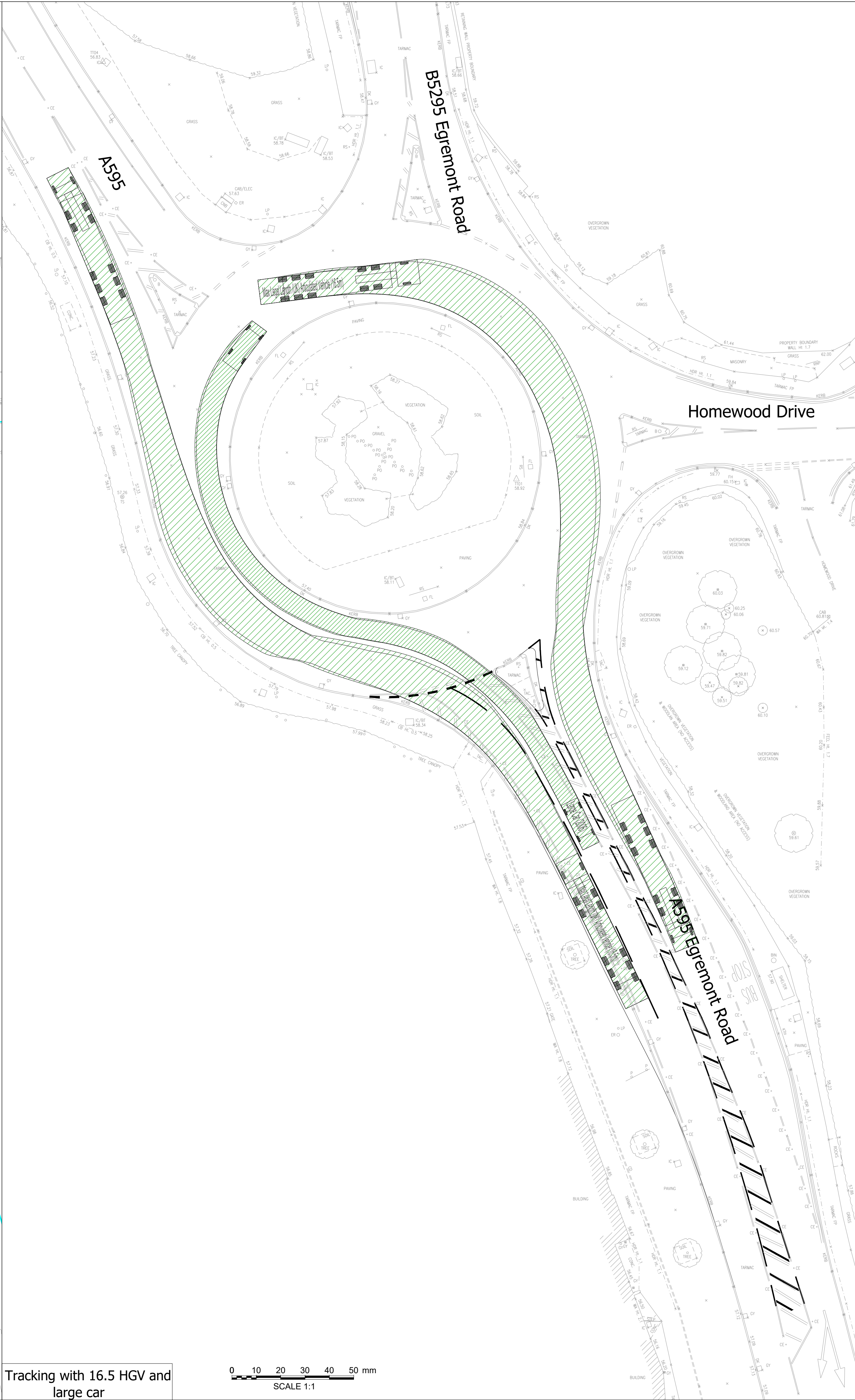
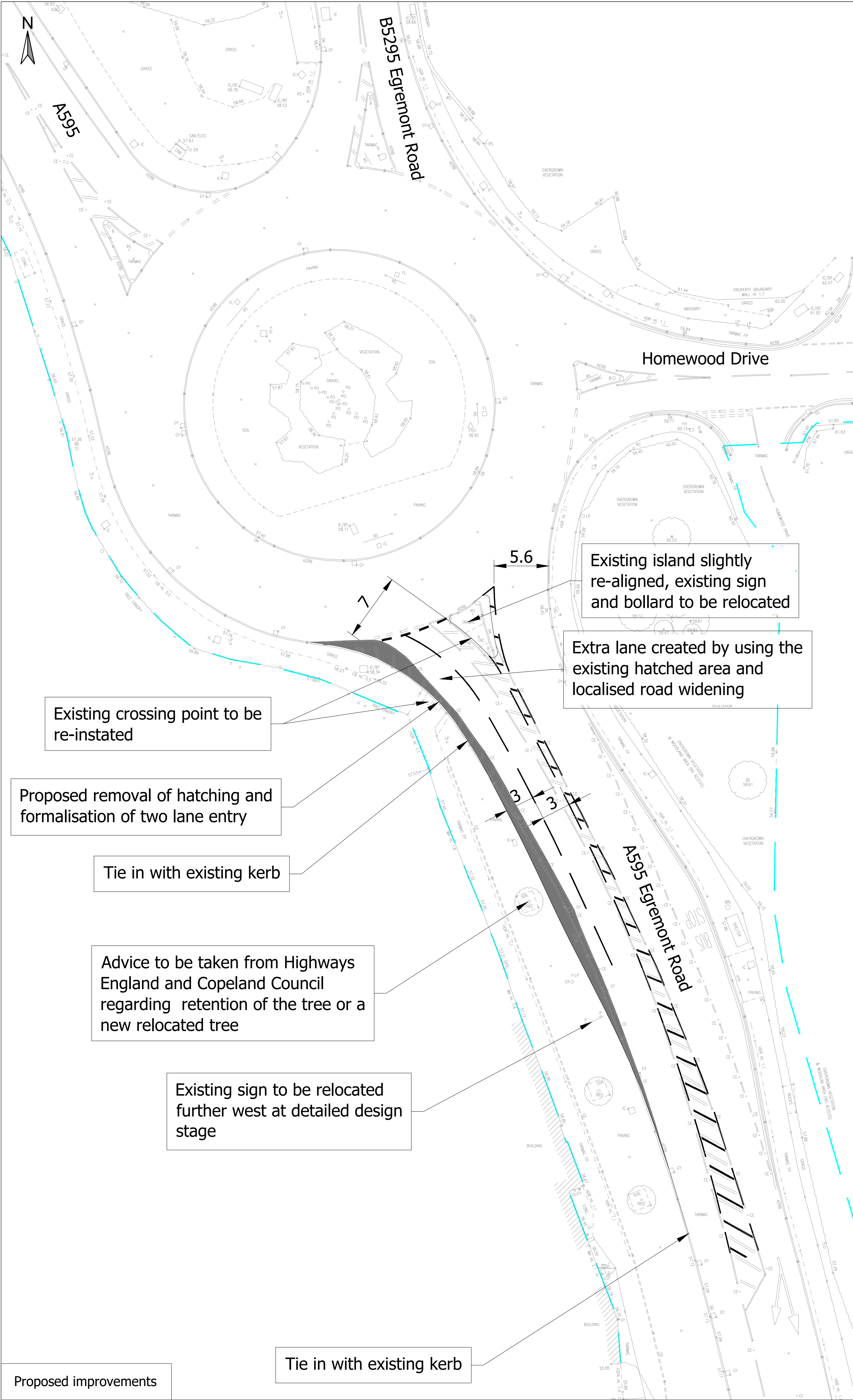
PROPOSED IMPROVEMENTS TO MAIN STREET/ CLEATOR MOOR ROAD JUNCTION, AND TRACKING

TTE Project Number	Drawn By	Date	Checked By	Date	Approved By	Date	Scale @ A1	Suitability
A090070-410	JG	12/02/21	LB	12/02/21	AK	12/02/21	1:500	S0

Client Project Number	Originator	Volume/System Level/Location	Type/Code	Role	Number	Revision
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E_MT_v1



1. This drawing should be read in relation to the subject of the title only. Other information shown on the drawing is to be considered indicative only. Reference should be made to appropriate drawing series/specifications for other information.

2. All dimensions are in metres unless specified otherwise.

3. Topographical survey was undertaken by TetraTech

Key:

Approximate extent of highway boundary

Hatched area and localised road widening

Vehicle profile:

Max Legal Length (UK) Articulated Vehicle (16.5m)
Overall Length 16.500m
Overall Width 2.550m
Overall Body Height 3.681m
Min Body Ground Clearance 0.411m
Max Track Width 2.500m
Lock to lock time 6.00s
Kerb to Kerb Turning Radius 6.530m

Large Car (2006)
Overall Length 5.072m
Overall Width 1.852m
Overall Body Height 1.500m
Min Body Ground Clearance 0.310m
Max Track Width 1.831m
Lock to lock time 4.00s
Kerb to Kerb Turning Radius 5.900m

PRELIMINARY ISSUE

Rev	Description	Date	Drawn	Checked	Approved
P02	Homes England minor comments incorporated	10/03/21	JG	AK	AK
P01	First issue	16/02/21	JG	LB	AK

Document Control

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Client

HOMES ENGLAND

Project Name

PROPOSED RESIDENTIAL DEVELOPMENT AT HARRAS MOOR, WHITEHEAVEN

Sheet Title

PROPOSED IMPROVEMENTS TO EGREMONT ROAD/HOMEWOOD ROAD ROUNDABOUT AND TRACKING

TTE Project Number	Drawn By	Date	Checked By	Date	Approved By	Scale @ A1	Suitability
A090070-410	JG	12/02/21	LB	12/02/21	AK	1:250	S0

Client Project Number	Originator	Volume/System	Level/Location	Type/Code	Role	Number	Revision
A090070-410	TTE	- 00	- XX	- DR	- C	- P013	P02

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TTE_MT_V1

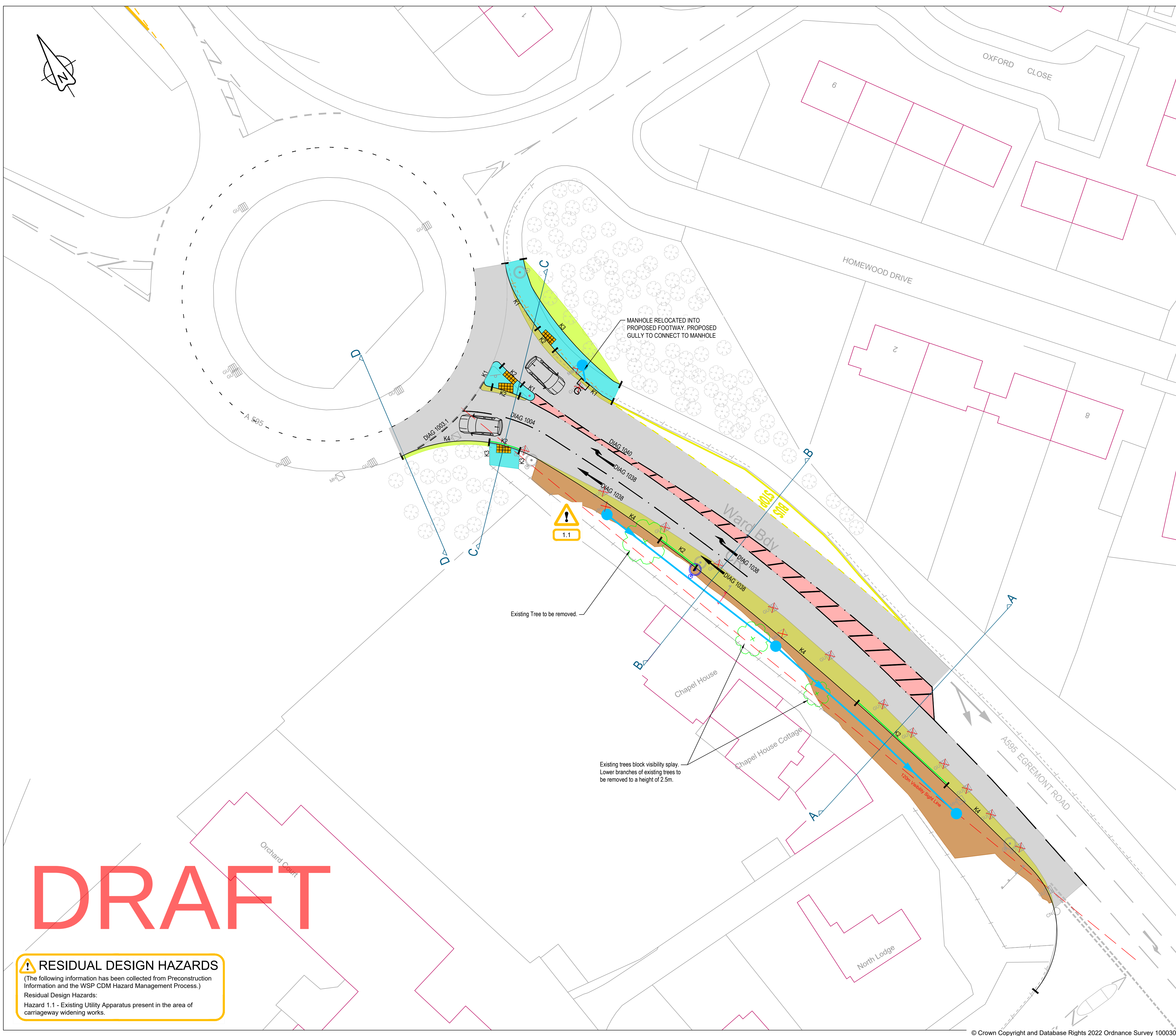
DO NOT SCALE

Millimetres

0

10

100



NOTES

- Drawings to be printed in colour.
- This drawing is for reference only and is not to be scaled.
- For cross-sections, refer to drawings NH615099-WSP-HGN-A595-DR-CH-0000_12 and 0000_13.
- All measurements shown are in METRES, unless stated otherwise and are approximate.
- Background information is OS data and should be checked for accuracy on site.
- Existing vegetation is shown indicatively.
- A595 Speed limit 40mph / 64Kph, CD 109 Design speed 70A.
- Road cores will be required to enable the new pavement construction to tie into the existing pavement construction.
- Capping thickness is based on a CBR value of between 2% and 5%. CBR is to be measured on site and capping thickness adjusted accordingly.
- All road markings are to comply with the Traffic Signs Manual Chapter 5 (TSM) and the Traffic Signs Regulations and General Directions 2016 (TSRGD) and all subsequent amendments.
- The existing drainage system shown is indicative and does not show the full extent. A CCTV survey of the existing drainage system is recommended to determine the existing layout and capacity.
- The proposed drainage system should be modeled to determine the need for any attenuation requirement for any increase in in-permeable area or allowance for climate change. The arrangement shown assumes that the drainage can tie into the existing system without attenuation.
- Amendments to the position of road lighting columns is required.
- Any required diversions to utility apparatus is not shown. The approximate location of existing utilities from the C2 records are shown on drawing NH615099-WSP-VUT-A595-DR-CH-0100_01.
- It is recommended that a Ground Penetrating Radar (GPR) survey and trial holes are undertaken to identify the position of existing utility apparatus to confirm if any diversion work is required.

KEY

CARRIAGEWAY PAVEMENT CONSTRUCTION

6F2 Capping 350mm thick, GSB1 - Type 1 sub-base (d.803) 150mm thick, HDM50B - AC 32 HDM Base 40/60 des (d.929) 200mm thick, HDM50BC - AC 20 HDM bin 40/60 des (d.929) Binder Course 50mm thick and RASC - HRA 35/14F surf 40/60 des (d.911) Surface Course 50mm thick (PSV65) (AAV 12).

CARRIAGEWAY RESURFACING

COLD MILLING 40mm DEEP, RASC - HRA 35/14F surf 40/60 des (d.911) Surface Course 50mm thick (PSV65) (AAV 12).

FOOTWAY CONSTRUCTION

GSB1 - Type 1 sub-base 225mm thick (d.803), DM125BC - AC 20 dense bin 100/150 rec Binder Course 50mm thick (d.906), DM190SC - AC 6 dense surf 160/220 rec Surface course 20mm thick (d.909).

VERGE CONSTRUCTION

Topsoil 150mm thick with general mix grass seed.

TACTILE PAVING

400mm x 400mm x 50mm thick Paving Slab

Localised block paving to tie into existing block paving.

Red Slurry Seal

K1

Provide and install Type K1 (HB2 half batter) kerbs. 125mm upstand.

K2

Provide and install Type K2 Bullnose drop kerbs. 6mm max' upstand.

K3

Provide and install Type K3 Flat Top Edging kerbs. 6mm max' upstand.

K4

Provide and install Type K4 Combined Kerb Drain and outlet system. 100mm upstand. To utilise existing connections to existing system.

Existing Pedestrian Guard Rail

Proposed Pedestrian Guard Rail

Existing Lighting column (Indicative)

Proposed Lighting column (Indicative)

Existing Road sign/Bollard (Indicative)

Proposed Road sign/Bollard (Indicative). To use new posts and foundations.

Proposed Gully, to be trapped as per HCD drg. No. F13

Existing Manhole/Gully to be removed. Void to be backfilled with concrete.

Proposed Carrier drain. Refer to drawing NH615099-WSP-VUT-A595-DR-CH-0100_01 for existing drainage layout

Proposed Manhole or Catchpit.

Proposed Linear Drainage Channel. To utilise existing connections to existing system.

P01	04/10/22	For Issue	MS	MI	MI	AW
Rev.	Date	Description	By	Eng' Chk	Disc' Chk	App'd
Suitability						Status
For Information						S2

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Client

Project Title

A595 Hospital Roundabout

Drawing Title

Feasibility Design
General Arrangement
Northbound Roundabout Approach

Scale	1:250	Drawn	MS	Eng. Check	MI	Approved	MI	Authorised	AW
Original Size	A1	Date	28/09/22	Date	28/09/22	Date	28/09/22	Date	12/10/22

Drawing Number	Originator	Volume	Revision
NH PIN HE615099	WSP	HGN	P01
A595	DR	CH	0000_11
Location	Type	Role	Number
			Prelim

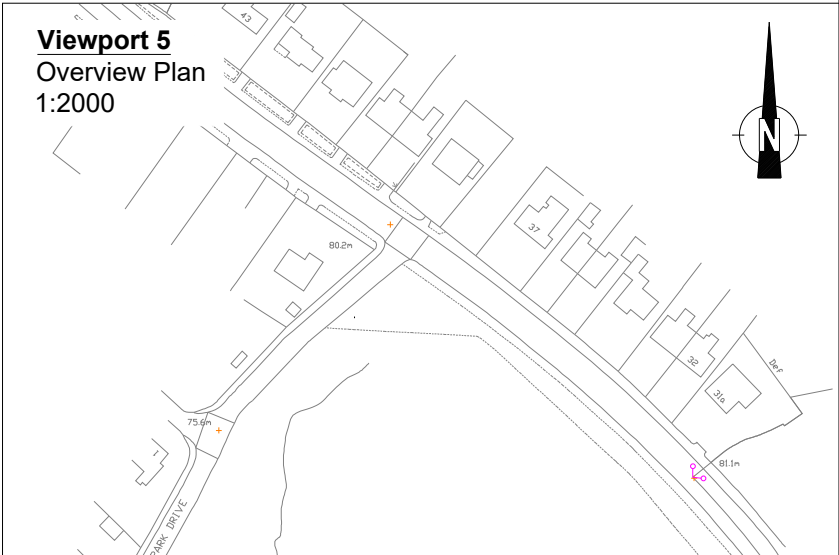
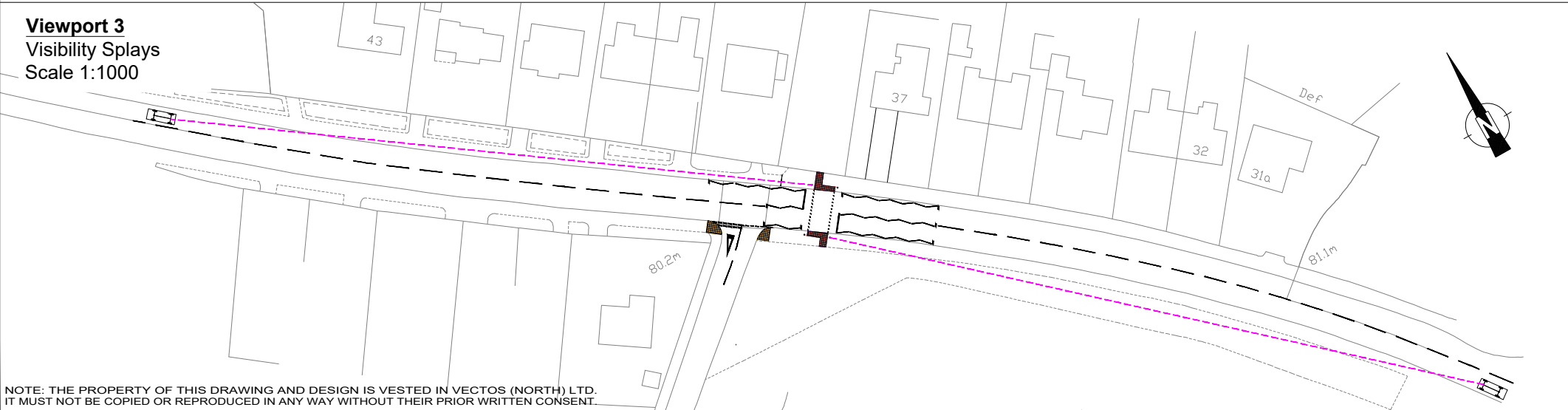
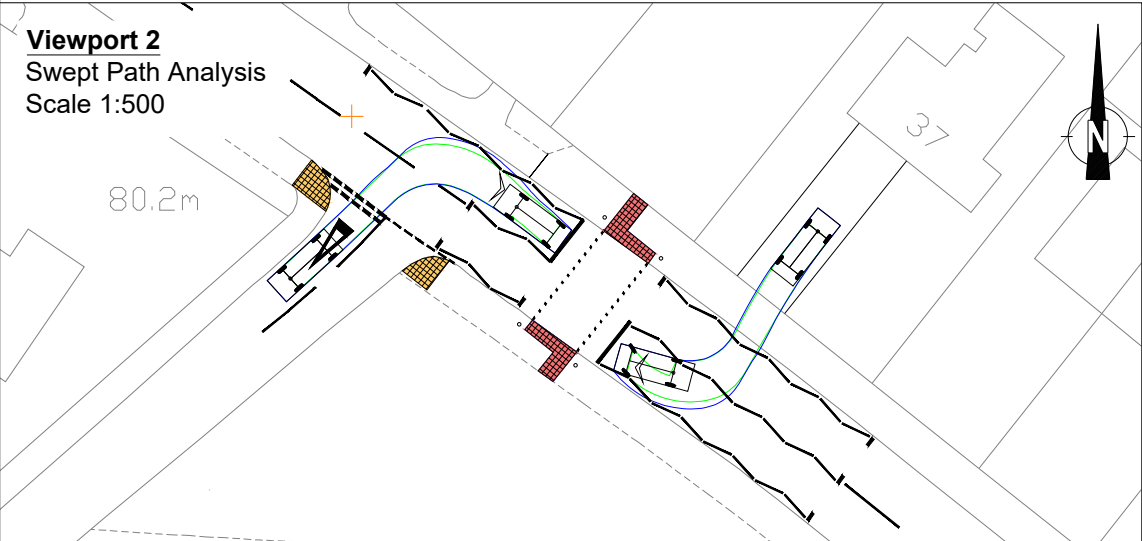
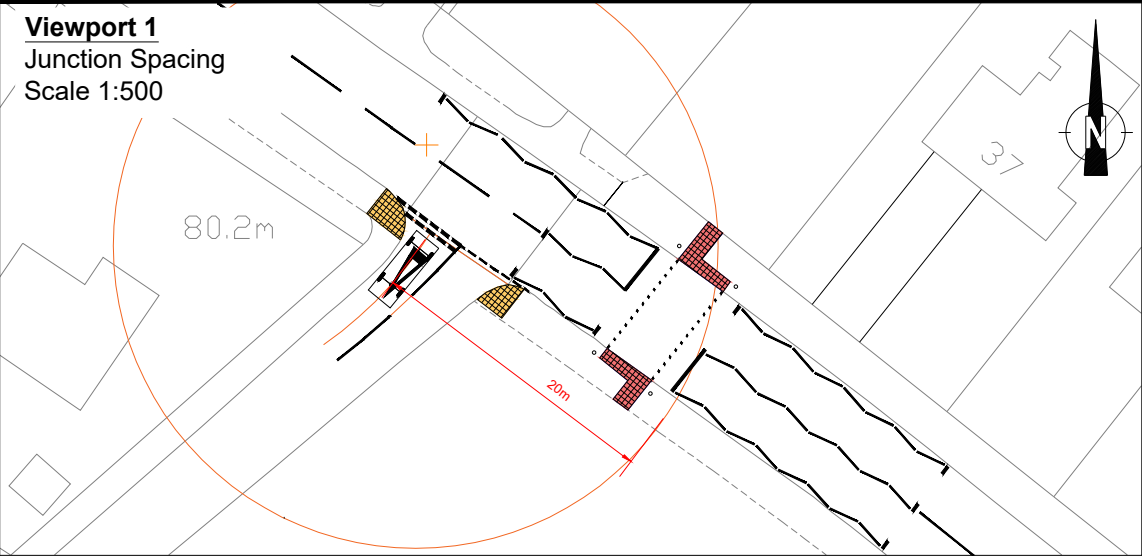
DRAFT

RESIDUAL DESIGN HAZARDS

(The following information has been collected from Preconstruction Information and the WSP CDM Hazard Management Process.)

Residual Design Hazards:

Hazard 1.1 - Existing Utility Apparatus present in the area of carriageway widening works.



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REV.	DETAILS	DRAWN	CHECKED	DATE
A	General Arrangement Updated	DJR	PW	18.04.23
B	General Arrangement Updated	WD	PW	24.04.23

Notes:

- This is not a construction drawing and is intended for illustrative purposes only.
- White lining is indicative only.

Viewport 2

Key

----- 120m Forward Visibility Splay for 40mph road speed in accordance with DMRB CD109

Harras Moor, Whitehaven

Proposed Pedestrian Crossing Facility

DRAWN:	CHECKED:	DATE:	SCALES:
DJR	PW	02.03.23	As shown at A3

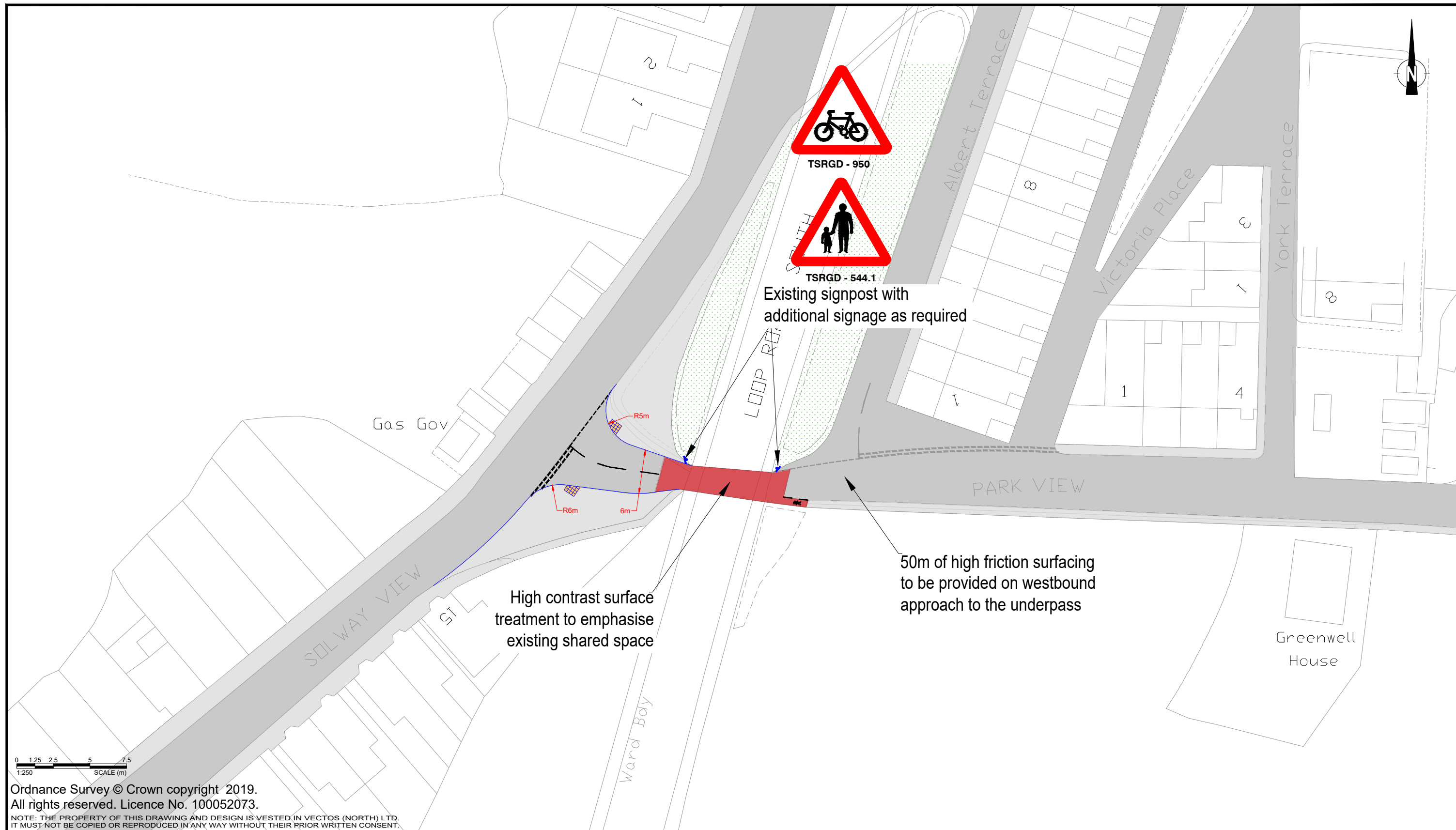
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DRAWING NUMBER:	REVISION:
VN232529-D100	B



REV.	DETAILS	DRAWN	CHECKED	DATE	Notes:	Harras Moor, Whitehaven		Homes England	
A	Amendments made to layout	WD	PW	24.04.24	1. This is not a construction drawing and is intended for illustrative purposes only. 2. White lining is indicative only.	Park View Tunnel and Junction Refinement		vectos. PART OF SLR 4th Floor Oxford Place 61 Oxford Street Manchester M1 6EQ t: 0161 228 1008 e: manchester@vectos.co.uk	
		DRAWN: WD	CHECKED: PW	DATE: 19.04.23	SCALES: 1:500 at A3	DRAWING NUMBER: VN232529-D101		REVISION: A	