
Land West of Park Farm, Thornbury

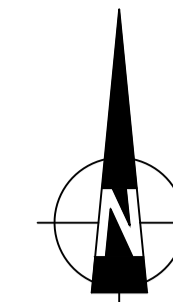
Appeal by Barwood Development Securities Ltd and The North West Thornbury Landowner Consortium

PINS Reference – APP/P0119/W/21/3288019
Local Planning Authority Reference Number – PT18/6450/O

October 2022

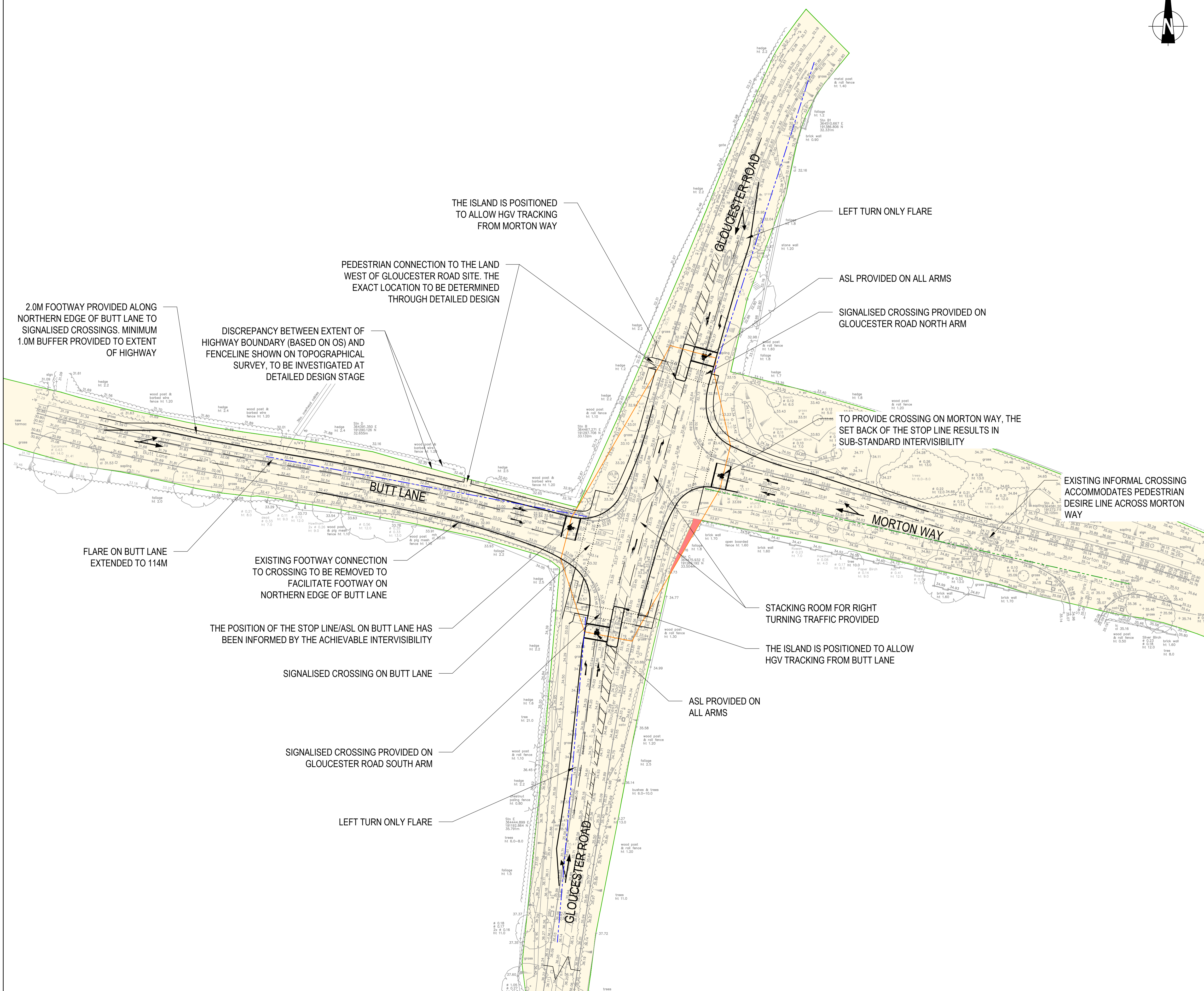
Plans Booklet Containing Off-site Highways Works Proposed:

- **BUTT LANE / GLOUCESTER ROAD / MORTON WAY - 39209/5501/SK08 Rev H**
- **OLDBURY LANE TRACKING AND PASSING PLACE - 39209/5501/SK23 Rev A**
- **BUTT LANE TRACKING BUS AND HGV - 39209/5501/SK24 Rev A**
- **M5 JUNCTION 14 MITIGATION SCHEME 350m 2 LANE N/B OFFSLIP - 39209/5501/SK31**
- **A38 B4509 JUNCTION MITIGATION EXTENDED N/B FLARE BY 121m - 39209/5501/SK37 Rev B**



NOTES:

1. THE LAYOUT IS SUBJECT TO DETAILED DESIGN, CAPACITY TESTING, GROUND INVESTIGATIONS RESULTS & EARTHWORKS MODELLING, UTILITIES & SERVICES AND CONFIRMATION OF LAND OWNERSHIP;
2. THE DETAILED DESIGN LAYOUT WILL BE DESIGNED IN ACCORDANCE WITH ALL RELEVANT DESIGN GUIDANCE AND STANDARDS;
3. THE LAYOUT HAS BEEN BASED ON THE APPROPRIATE DESIGN SPEED FOR OUR CURRENT PROPOSALS;
4. THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH ALL RELEVANT ASSOCIATED DOCUMENTS;
5. THE USE OF THE DRAWING DOES NOT ABSOLVE THE CLIENT FROM THEIR RESPONSIBILITIES IN REGARDS TO HEALTH & SAFETY AND CDM REGULATIONS;
6. TOPOGRAPHICAL SURVEY UNDERTAKEN BY ANTHONY BROOKES SURVEYS LTD, JANUARY 2020; AND
7. DISCREPANCIES ARE SHOWN BETWEEN THE EXTENT OF THE HIGHWAY BOUNDARY (INTERPRETED BY STANTEC ONTO OS MAPPING) AND THE PROPERTY BOUNDARIES / FENCELINE SHOWN ON THE TOPOGRAPHICAL SURVEY. THE DISCREPANCY MAY RESULT IN EITHER REDUCED OR ADDITIONAL LAND TO UNDERTAKE THE HIGHWAY WORKS, THAN THAT CURRENTLY SHOWN. THE EXACT EXTENT OF HIGHWAY BOUNDARY BASED ON THE TOPOGRAPHICAL SURVEY WILL NEED BE INVESTIGATED AT DETAILED DESIGN STAGE.



KEY:

- HIGHWAY BOUNDARY, RECEIVED FROM SOUTH GLOUCESTERSHIRE COUNTY COUNCIL AND INTERPRETED BY STANTEC ON TO OS MAPPING
- JUNCTION INTER-VISIBILITY
- OBSCURED INTERVISIBILITY
- 120M STOPPING SIGHT DISTANCE IN ACCORDANCE WITH DMRB FOR A 40MPH ROAD
- 90M STOPPING SIGHT DISTANCE IN ACCORDANCE WITH DMRB FOR A 30MPH ROAD

Mark	Revision	Date	Drawn	Chkd	Appd
H	UPDATED FOR SGC COMMENTS	01.06.20	SEL	NT	NT
G	ADDED SIGNALISED CROSSING ON MORTON WAY AT THE STOP LINE	28.02.20	JHo	PC	KS
F	LAYOUT UPDATED ON TOPO AND TO ADDRESS SGC COMMENTS	06.02.20	PC	KS	-
E	PEDESTRIAN CROSSING	23.12.19	JHo	-	-
D	SIGNALISED CROSSING AND EXTENDED FLARE PROVIDED ON BUTT LANE	19.12.19	PC	KS	-
C	ASL PROVIDED ON EACH ARM	09.12.19	PC	KS	-
B	PEDESTRIAN CROSSING AND FOOTWAY ADDED	16.04.19	PR	-	-
A	STOP LINE	21.09.18	SEG	SEG	RH

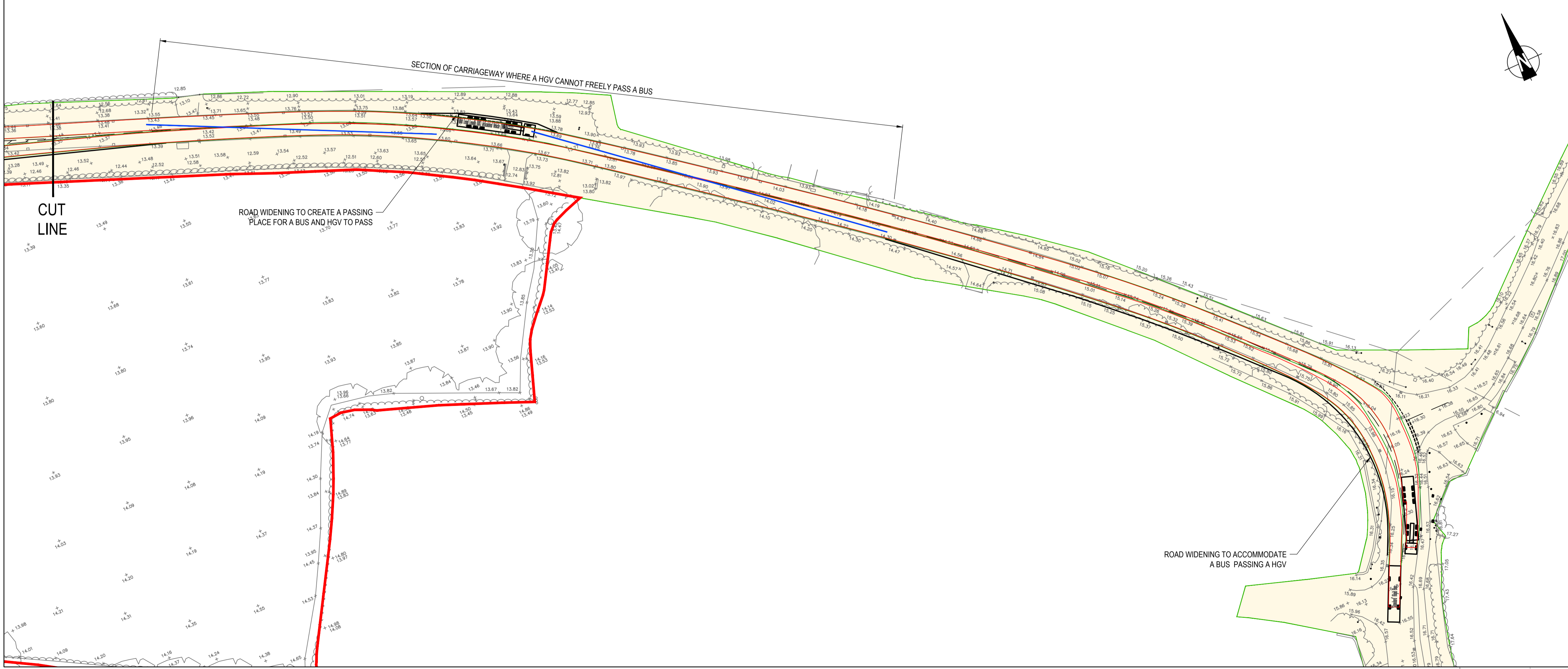
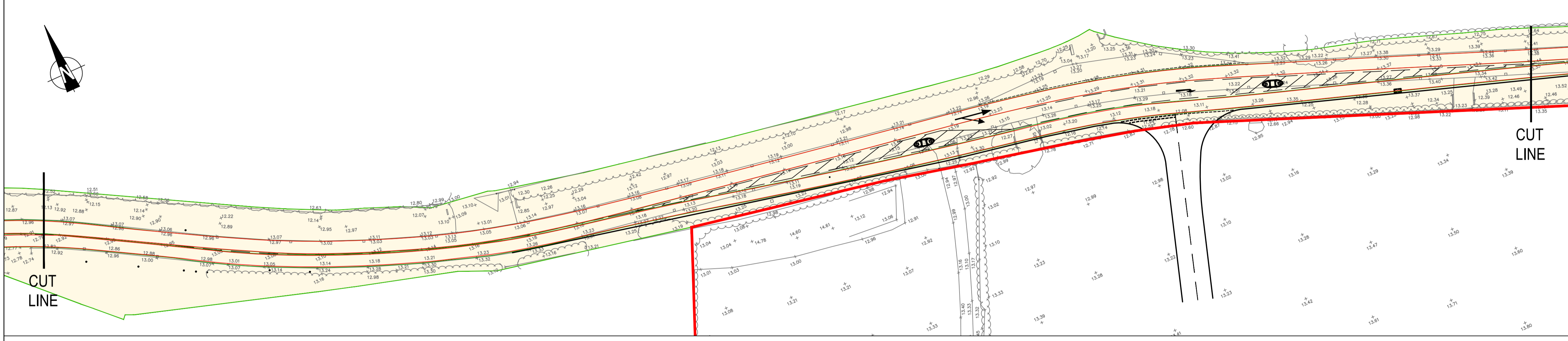
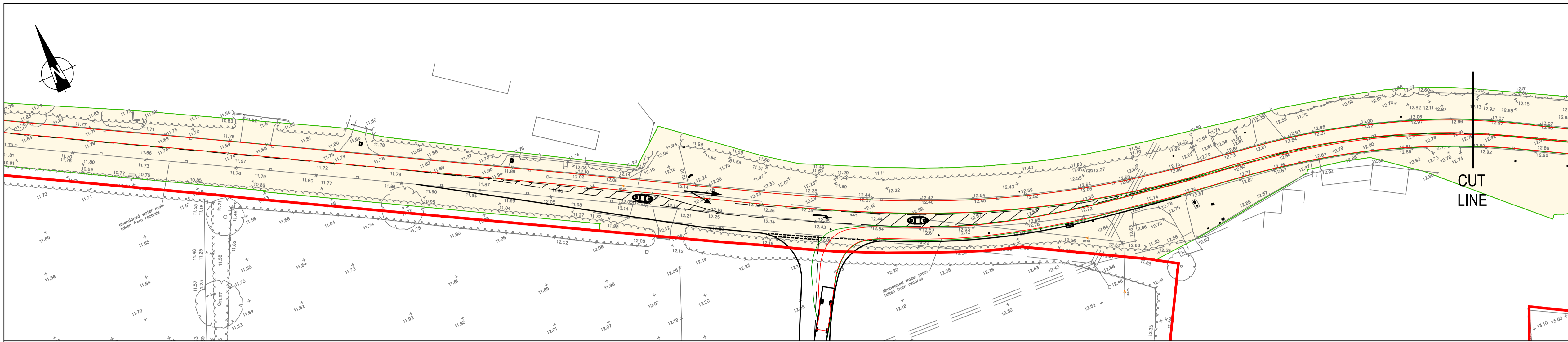
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Drawing Issue Status	DRAFT
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**WEST OF PARK FARM, THORNBURY
 PROPOSED MITIGATION
 BUTT LANE/GLOUCESTER ROAD/
 MORTON WAY**

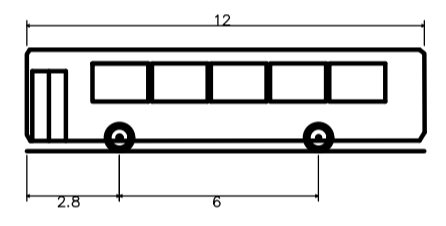
Client		
BARWOOD DEVELOPMENT SECURITIES LTD		
Date of 1st Issue	Designed	Drawn
04.06.2018	SB	SB
A1 Scale	Checked	Approved
1:500	SEG	RH
Drawing Number	Revision	
39209/5501/SK08	H	

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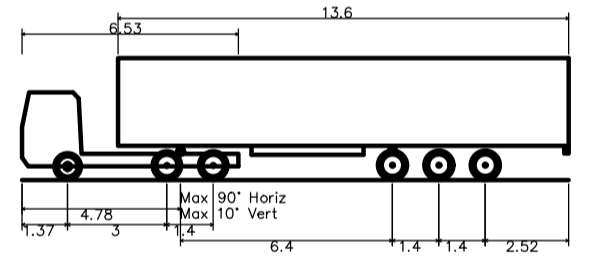


- NOTES:
1. THE LAYOUT IS SUBJECT TO DETAILED DESIGN, CAPACITY TESTING, GROUND INVESTIGATIONS RESULTS & EARTHWORKS MODELLING, UTILITIES & SERVICES AND CONFIRMATION OF LAND OWNERSHIP;
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 5. THE USE OF THE DRAWING DOES NOT ABSOLVE THE CLIENT FROM THEIR RESPONSIBILITIES IN REGARDS TO HEALTH & SAFETY AND CDM REGULATIONS.

- KEY:
- INDICATIVE SITE BOUNDARY PROVIDED BY BARTON WILLMORE ON 29.04.2018
 - HIGHWAY BOUNDARY INFORMATION RECEIVED FROM SGC 25.04.2018 AND INTERPRETED BY PBA
 - VISIBILITY FROM THE PROPOSED PASSING PLACE TO SECTIONS OF CARRIAGEWAY WHERE A HGV CANNOT FREELY PASS A BUS



'Standard' Rigid Bus
 Overall Length 12.000m
 Overall Width 2.550m
 Overall Body Height 3.069m
 Min Body Ground Clearance 0.309m
 Track Width 2.350m
 Lock to lock time 4.00s
 Wall to Wall Turning Radius 10.771m



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 6.350m

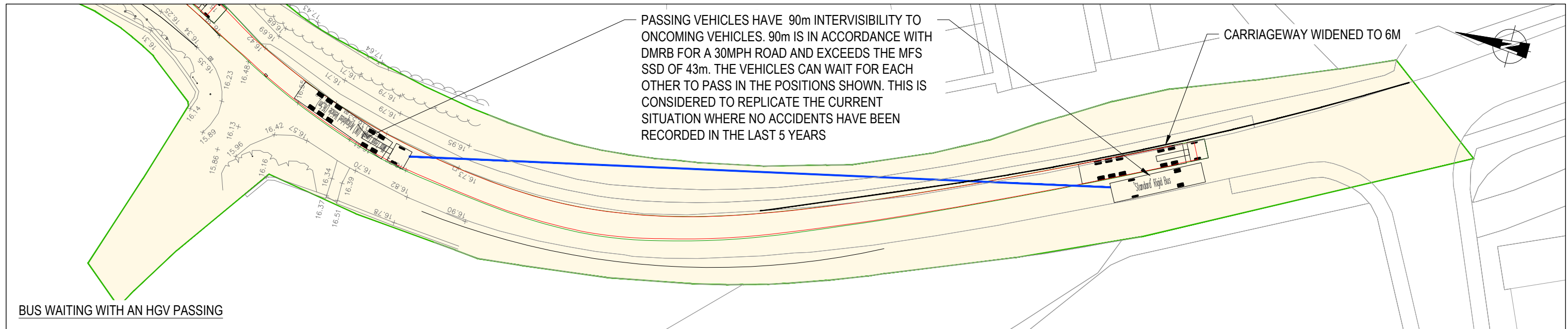
Mark	Revision	Date	Drawn	Chkd	Appd
A	CHANGED THE COLOUR OF THE VEHICLE TRACKS	30.08.19	JHo	-	-

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Drawing Issue Status
CONCEPT

WEST OF PARK FARM, THORNBURY
OLDBURY LANE
TRACKING AND PASSING PLACE

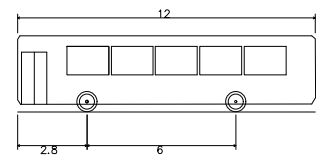
Client BARWOOD DEVELOPMENT SECURITIES LTD		 now part of peterbrett.com © Peter Brett Associates LLP BRISTOL Tel: 01173 327 840
Date of 1st Issue 07.08.2019	Designed JHo	
A1 Scale 1:500	Checked PC	Approved MP
Drawing Number 39209/5501/SK23	Revision A	



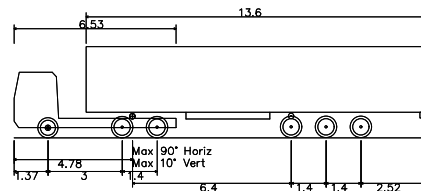
BUS WAITING WITH AN HGV PASSING



HGV WAITING WITH A BUS PASSING



'Standard' Rigid Bus
 Overall Length 12.000m
 Overall Width 2.550m
 Overall Body Height 3.069m
 Min Body Ground Clearance 0.309m
 Track Width 2.350m
 Lock to lock time 4.00s
 Wall to Wall Turning Radius 10.771m



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

NOTES:

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KEY:

- HIGHWAY BOUNDARY INFORMATION RECEIVED FROM SGC 25.04.2018 AND INTERPRETED BY PBA
- INTERVISIBILITY BETWEEN TWO PASSING LARGE VEHICLES

Mark	Revision	Date	Drawn	Chkd	Appd
A	WIDENED BUTT LANE TO 6M, AS SGC COMMENT	14.10.19	JHo	KS	RH

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Drawing Issue Status
FOR INFORMATION

WEST OF PARK FARM, THORNBURY
 BUTT LANE TRACKING
 BUS AND HGV

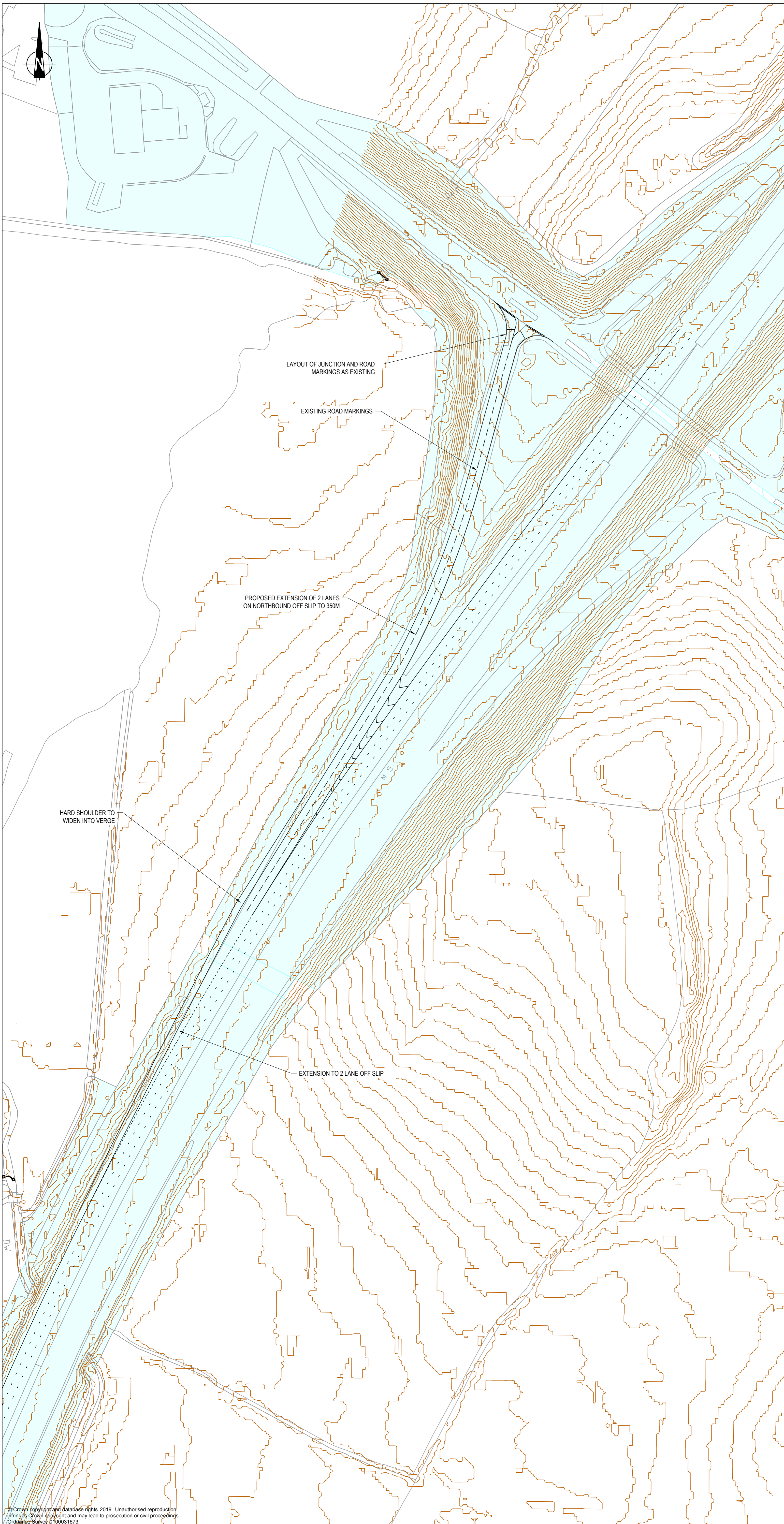
Client
 BARWOOD
 DEVELOPMENT
 SECURITIES LTD

Date of 1st Issue 17.09.2019	Designed JHo	Drawn JHo
A3 Scale 1:500	Checked KS	Approved RH

Drawing Number
39209/5501/SK24

Revision
A

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6. FOR FULL DETAIL ON THE UTILITIES REFER TO PBA DRAWINGS 39209/2514/001 - 003

HIGHWAYS ENGLAND LAND OWNERSHIP TAKEN FROM DATA.GOV.UK. DERIVED FROM LAND REGISTER CADASTRAL PARCEL. LAST UPDATED AUGUST 2019
 0.5M CONTOURS DERIVED FROM LIDAR INFORMATION TAKEN FROM ESRI DATABASE OCTOBER 2019

HARD SHOULDER TO WIDEN INTO VERGE

LAYOUT OF JUNCTION AND ROAD MARKINGS AS EXISTING

EXISTING ROAD MARKINGS

PROPOSED EXTENSION OF 2 LANES ON NORTHBOUND OFF SLIP TO 350M

EXTENSION TO 2 LANE OFF SLIP

Mark	Revision	Date	Drawn	Chkd	Appd

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Drawing Issue Status **FOR INFORMATION**

**LAND TO THE WEST OF PARK FARM
 THORNBURY
 M5 JUNCTION 14 MITIGATION SCHEME
 350m 2 LANE N/B OFFSLIP**

Client
**BARWOOD
 DEVELOPMENT
 SECURITIES**
 Date of 1st Issue: 08.11.19
 A1 Scale: 1:500
 Drawing Number: **39209/5501/SK31**



now part of



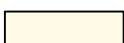
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KEY:

 HIGHWAY BOUNDARY INFORMATION RECEIVED FROM SGC 22.09.2015 AND INTERPRETED BY STANTEC



EXISTING SIGNALISED JUNCTION OF A38/B4509

EXTEND AHEAD FLARE BY 121m

EXISTING PRIVATE ACCESS MAINTAINED

RELOCATED BUS STOP LAYBY AND SHELTER TO ACCOMMODATE THE EXTENSION OF FLARE TO THE JUNCTION OF A38/B4509

PROVIDE 3M FOOTWAY ALONG REALIGNED CARRIAGEWAY AND TIE INTO EXISTING

START OF AHEAD LANE FLARE, NORTH OF A38/SUNDAYSHILL LANE JUNCTION

THE POSITION OF THE SUNDAYSHILL LANE GIVE-WAY LINE RETAINED WITH REVISED TIE-IN, TO ACCOMMODATE THE EXTENSION OF FLARE TO THE A38/B4509 JUNCTION

'KEEP CLEAR' ROAD MARKINGS ON NORTHBOUND LANES TO ALLOW FOR THE PASSAGE OF RIGHT TURNERS FROM MILL LANE

EXISTING INFORMAL CROSSING TO BE REMOVED

UPGRADE OF EXISTING PEDESTRIAN CROSSING TO INCLUDE TACTILE PAVING

Mark	Revision	Date	Drawn	Chkd	Appd
B	CHANGES IN LINE WITH SGC DECISION LOG COMMENTS (25.08.20)	01.09.20	PC	KS	NT
A	UPDATED FOR HIGHWAY AUTHORITY COMMENTS	01.06.20	SL	NT	NT

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Drawing Issue Status **CONCEPT**

WEST OF PARK FARM, THORNBURY

A38 B4509 JUNCTION MITIGATION
 EXTENDED N/B FLARE BY 121m

Client
BARWOOD DEVELOPMENT SECURITIES LTD



Date of 1st Issue 19.03.2020
 Designed JHo
 Drawn JHo

A3 Scale 1:1000
 Checked KS
 Approved -

Drawing Number 39209/5501/SK37
 Revision B

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