

Appendix 1, Active Travel Tranche 1

Traffic Management Sub-Committee 15 June 2022

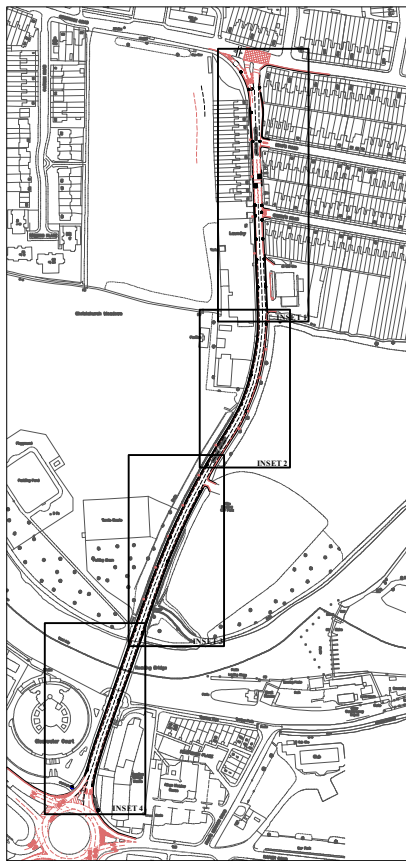
Scheme Details and Recommendations

The following pages provide detail about the schemes that have been delivered using the government 'Active Travel Tranche 1' emergency funding. The drawings provided should be considered indicative and text is provided to outline any alterations or additional elements that would be required to enhance the schemes for permanent adoption and the officer recommendations in this regard.

This appendix will cover the following schemes:

1. George Street (Reading Bridge)
2. Southampton Street, Silver Street, Mount Pleasant and Whitley Street
3. Oxford Road
4. Christchurch Road
5. Redlands Road
6. Sidmouth Street

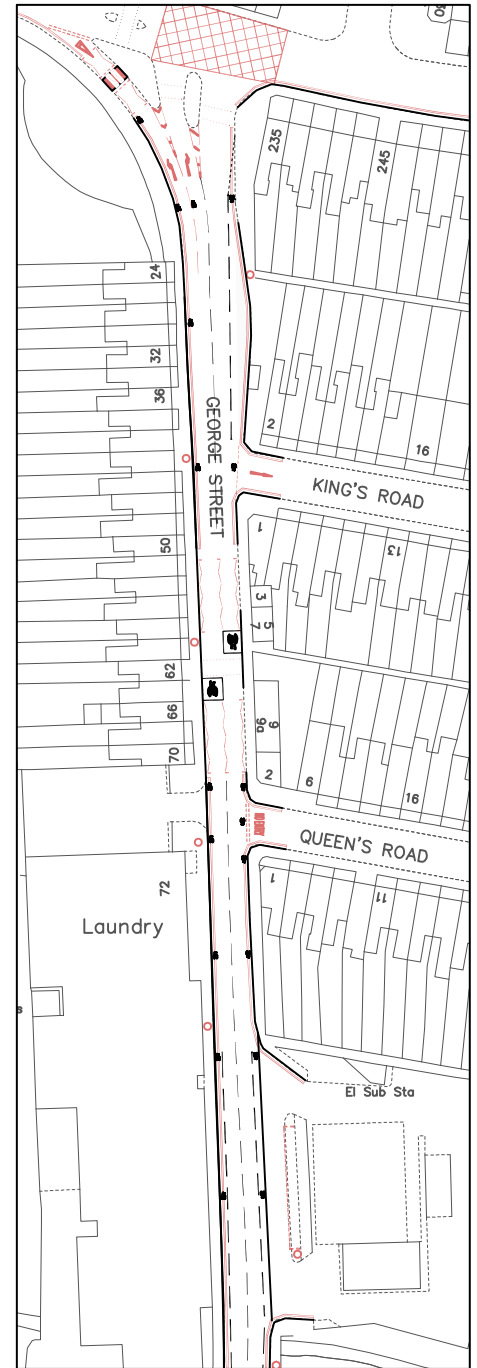
Scheme
1: George Street (Reading Bridge)
Scheme Summary
Removal of a general traffic lane and addition of advisory cycle lanes in both directions.
Necessary / Desirable Alterations (scheme-specific)
<p>Short-term</p> <ul style="list-style-type: none"> It would be desirable to place additional signing along the route. While this would be a relatively low cost, there are feasibility concerns at locations along the bridge structure, so trial excavations and some investigation would be necessary. <p>Longer-term</p> <ul style="list-style-type: none"> It would be desirable to implement some enhancements to the carriageway edge, which would not typically fall within 'maintenance' of the carriageway. These include investigating gully covers and other elements that would improve the experience for cyclists. Other elements raised in the cover report, applying to all schemes and the ambition for upgrades as part of larger, strategic schemes.
Additional Comments/Background
<p>Usage counts over 12-hour daytime period in June 2021:</p> <ul style="list-style-type: none"> 68 northbound 76 southbound <p>Other general points are raised in the main report.</p>
Officer Recommendation
To be retained as a permanent scheme.



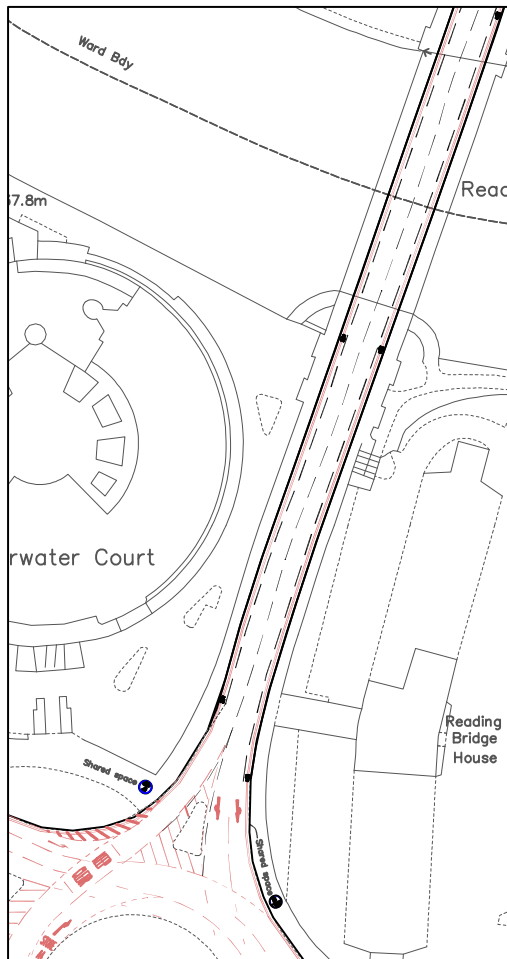
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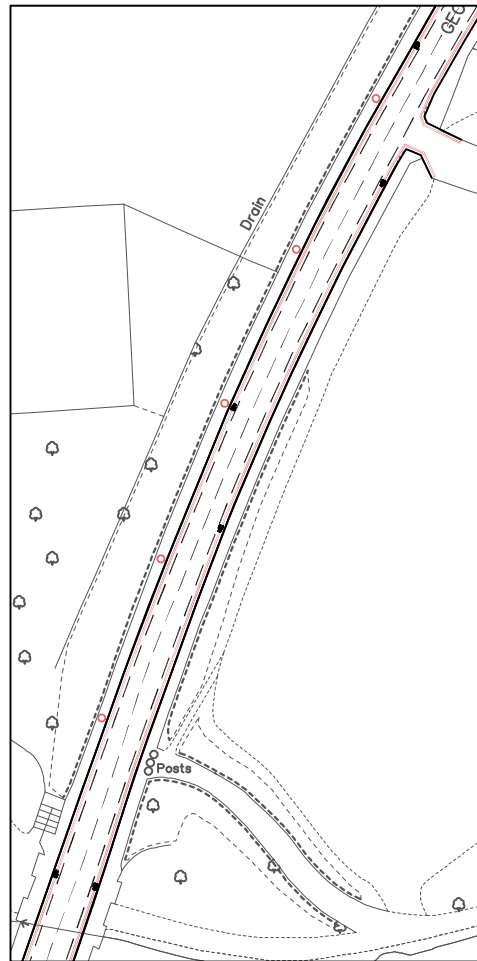
INSET 2 @1:500



INSET 1 @1:500



INSET 4 @1:500



INSET 3 @1:500

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CAD Drawing Location

Project	George Street cycling	Scale	As shown	Drawn JT	Checked JC
Drawing	George St cycle scheme			Approved JP	Date May 2020
		Drawing no.	George St - proposed cycle lanes 1		

Scheme
2: Southampton Street, Silver Street, Mount Pleasant and Whitley Street.
Scheme Summary
Reallocation road space and removal of a general traffic lane on Whitley Street to create new cycle facilities, which are predominantly mandatory cycle lanes.
Necessary / Desirable Alterations (scheme-specific)
<p>Short-term</p> <ul style="list-style-type: none"> There is a desire to widen the existing 'buffer zones' where the lanes pass parking bays. This may not be possible in all locations, due to the space constraints. Southampton Street: It may be desirable to remove the shared-use facility as the cycle lane is quite wide, but the footway is narrow. <p>Longer-term</p> <ul style="list-style-type: none"> It would be desirable to implement some enhancements to the carriageway edge, which would not typically fall within 'maintenance' of the carriageway. These include investigating gully covers and other elements that would improve the experience for cyclists. Other elements raised in the cover report, applying to all schemes and the ambition for upgrades as part of larger, strategic schemes.
Additional Comments/Background
<p>Usage counts over 12-hour daytime period in July 2021:</p> <ul style="list-style-type: none"> Southampton Street: 97 Silver Street: 78 Mount Pleasant: 74 Whitley Street: 80 <p>These facilities provide important links to/from the forthcoming Tranche 2 scheme on Shinfield Road, in addition to their current links toward/away from the town centre and through this retail area. There are wider strategies that will, once funding is available, look at options to extend these links further into the town centre, particularly focussing on the two junctions at either side of Crown Street and the section of Southampton Street between Crown Street and the roundabout with the IDR, whether these are cycle-specific or use of bus lanes through the Council's indicative successful funding bid for its Bus Service Improvement Plan (BSIP).</p> <p>Other general points are raised in the main report.</p>
Officer Recommendation
To be retained as a permanent scheme.



KEY

PROPOSED PRIMROSE YELLOW LINE MARKING

PROPOSED WHITE LINE MARKING

EXISTING ROAD MARKING TO REMAIN

PROPOSED LIGHT SEGREGATION:
TRAFFIC WAND, ARMADILLO OR
SIMILAR APPROVED

- NOTES
1.

DESIGN UNDERTAKEN IN OS BASE, MEASUREMENTS
ARE ESTIMATED AND CONTRACTOR MUST REVIEW
ON SITE BEFORE IMPLEMENTATION
2.

ALL UNITS ARE IN METRES UNLESS STATED
OTHERWISE

S5-P1	21.07.2020	JM	FIRST ISSUE	JCH	JN
REV	DATE	BY	DESCRIPTION	CHK	APD

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PROJECT

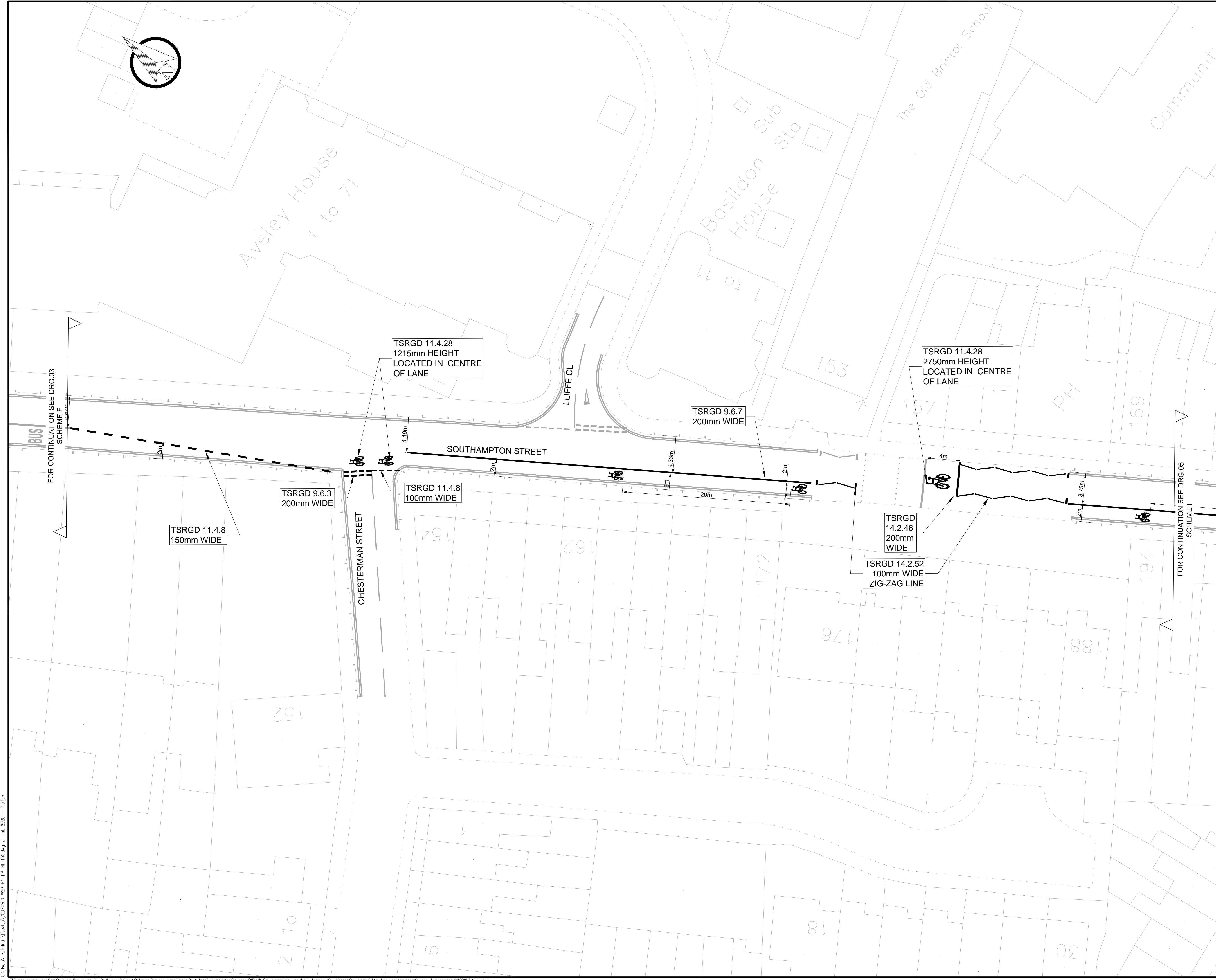
RBC ACTIVE TRAVEL DFT GRANT
SCHEME F - SOUTHAMPTON / SILVER STREET

TITLE

SOUTHAMPTON ST
PROPOSED ROAD MARKINGS
SHEET 03 OF 06

SCALE @ A1	DATE	DESIGN/DRAWN	CHECKED	APPROVED	SHEET
1:200	21.07.2020	JM	JCH	JN	A1
JOB No.	PROJECT No.	Client No.			
70074500					

DRAWING No.	REV.
70074500-WSP-F1-DR-HI-100-03	S5-P1



- KEY
- PROPOSED PRIMROSE YELLOW LINE MARKING
 - PROPOSED WHITE LINE MARKING
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- NOTES
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SCHEME F - SOUTHAMPTON / SILVER STREET

TITLE

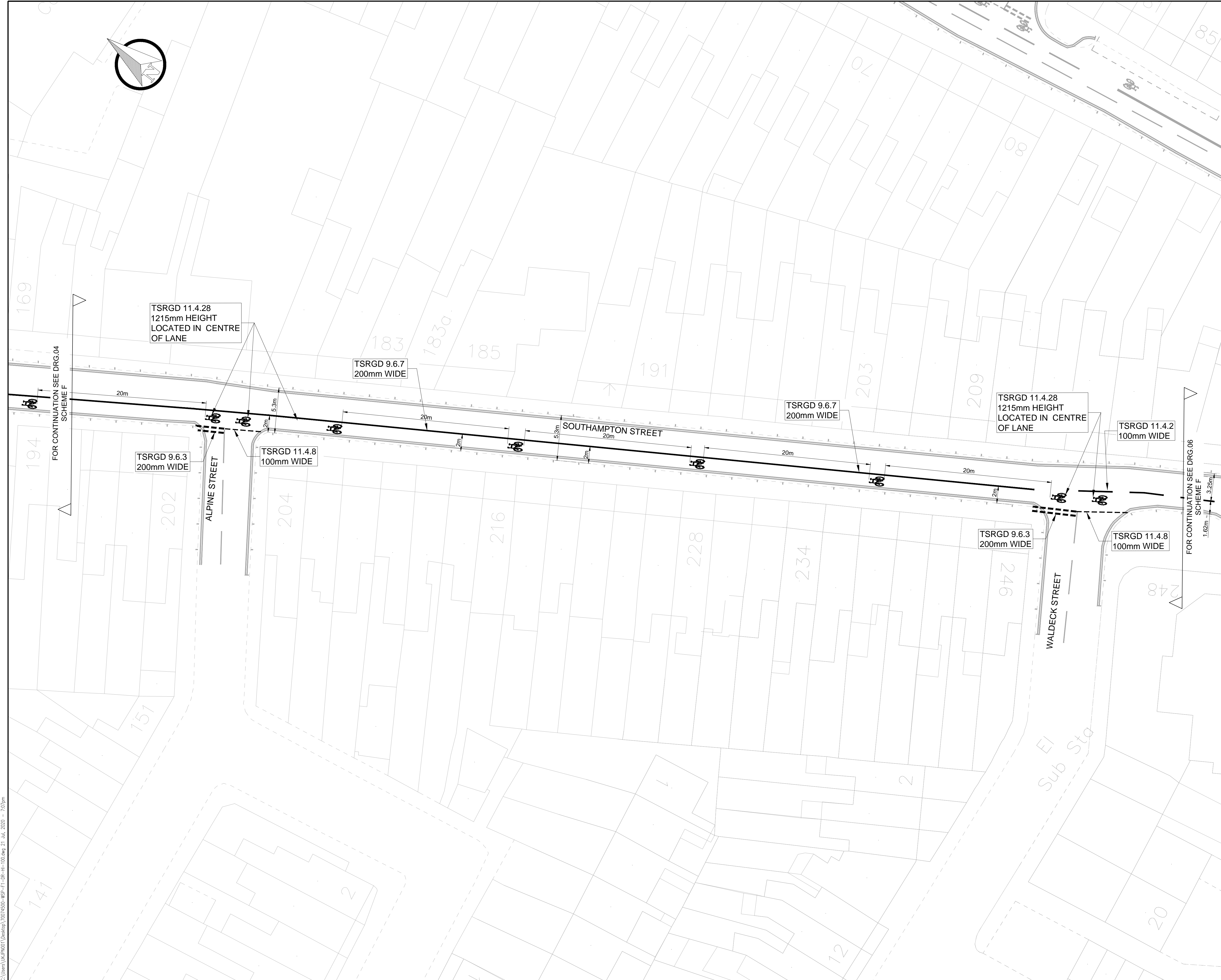
SOUTHAMPTON ST
PROPOSED ROAD MARKINGS
SHEET 04 OF 06

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70074500-WSP-F1-DR-HI-100-04	S5-P1

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- KEY
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REV	DATE	BY	DESCRIPTION	CHK	APD

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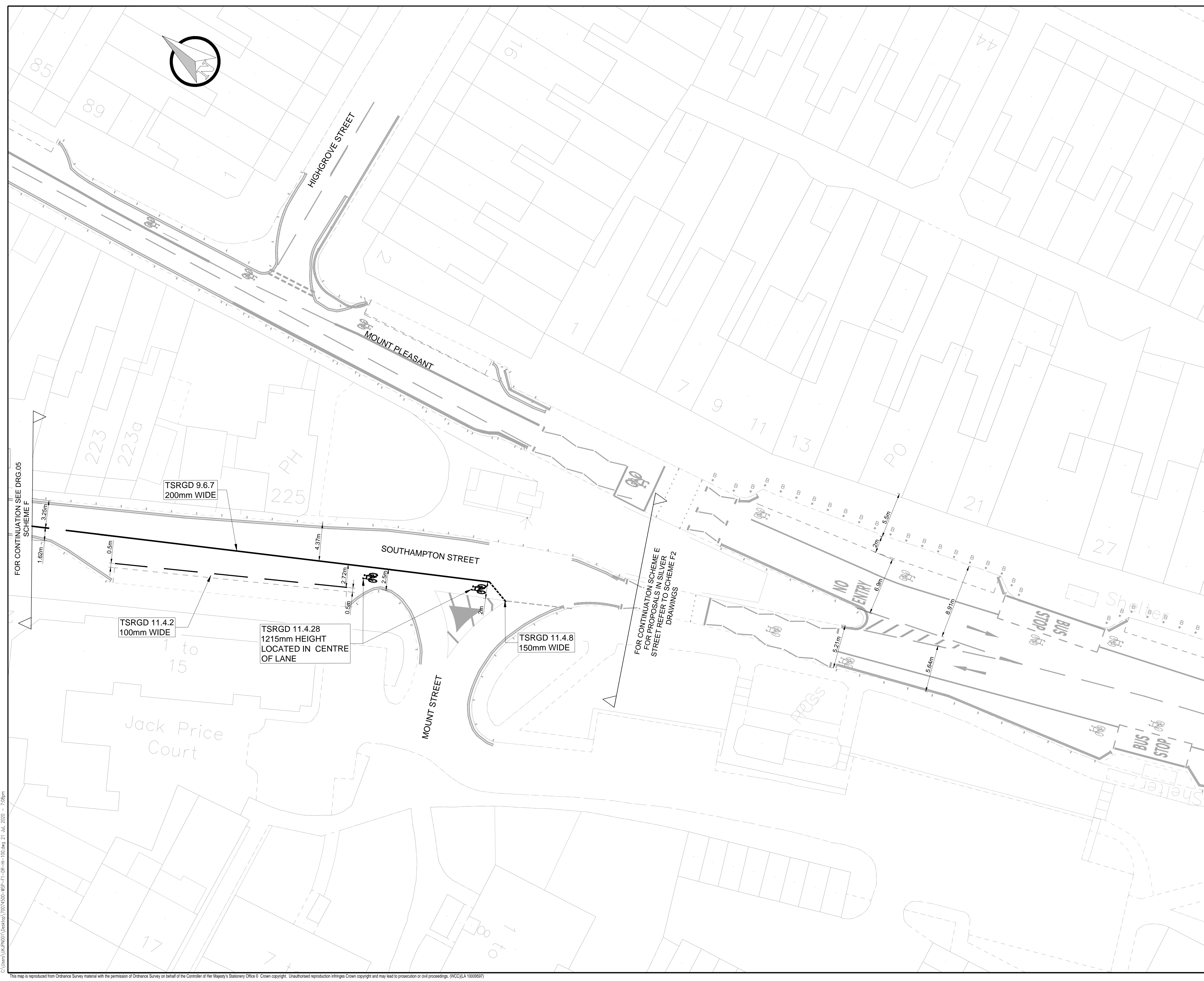
RBC ACTIVE TRAVEL DFT GRANT
SCHEME F - SOUTHAMPTON / SILVER STREET

TITLE

SOUTHAMPTON ST
PROPOSED ROAD MARKINGS
SHEET 05 OF 06

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FOR CONTINUATION SEE DRG.05
SCHEME F

FOR CONTINUATION SCHEME E
FOR PROPOSALS IN SILVER
STREET REFER TO SCHEME F2
DRAWINGS

TSRGD 9.6.7
200mm WIDE

TSRGD 11.4.2
100mm WIDE

TSRGD 11.4.28
1215mm HEIGHT
LOCATED IN CENTRE
OF LANE

TSRGD 11.4.8
150mm WIDE

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REV	DATE	BY	DESCRIPTION	CHK	APP

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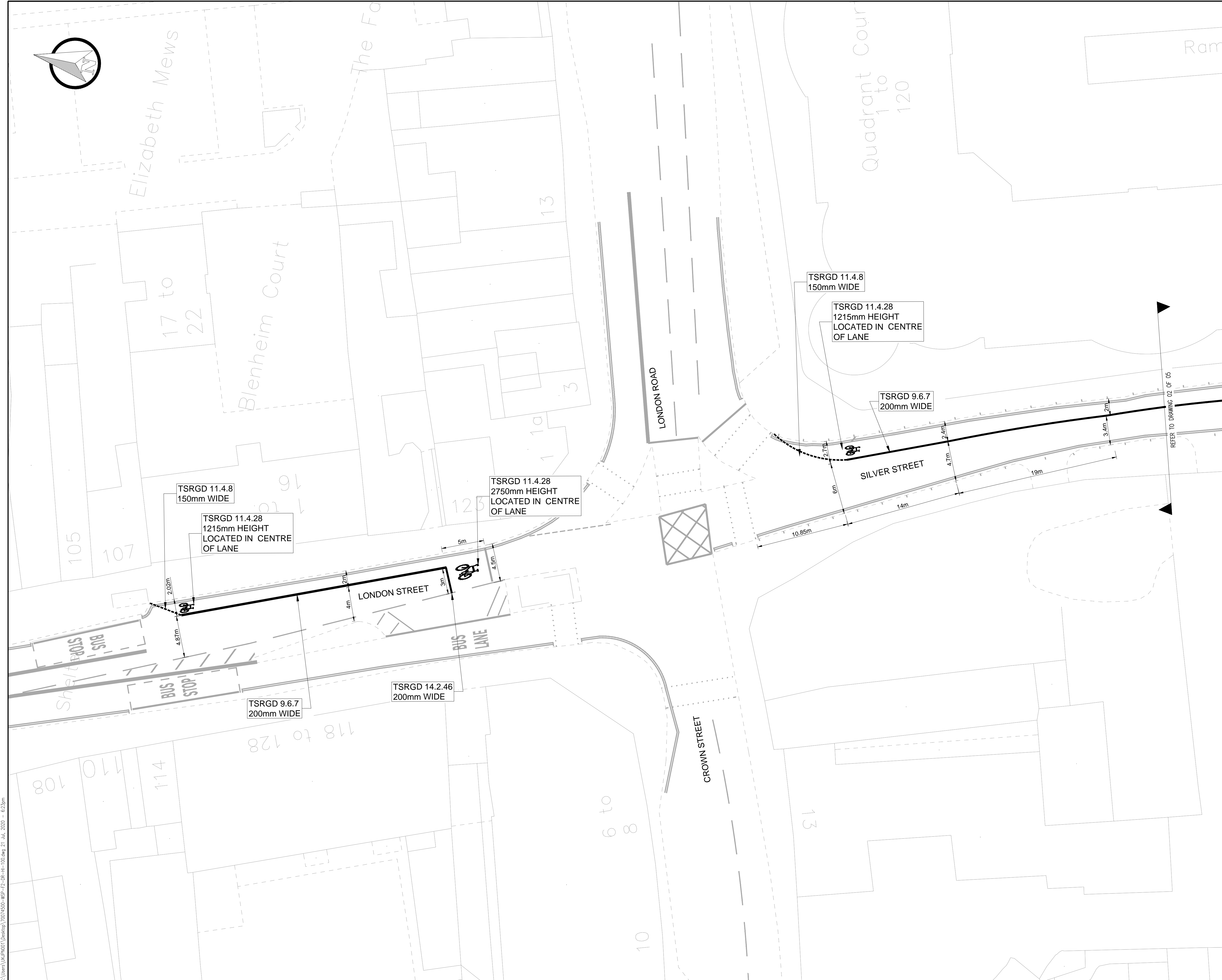
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RBC ACTIVE TRAVEL DFT GRANT
SCHEME F - SOUTHAMPTON / SILVER STREET

TITLE
SOUTHAMPTON ST
PROPOSED ROAD MARKINGS
SHEET 06 OF 06

SCALE @ A1 1:200	DATE 21.07.2020	DESIGN/DRAWN JM	CHECKED JCH	APPROVED JN	SHEET A1
JOB No. 70074500	PROJECT No.	Client No.	REV.	70074500-WSP-F1-DR-HI-100-06 S5-P1	



KEY

- PROPOSED PRIMROSE YELLOW LINE MARKING
- PROPOSED WHITE LINE MARKING
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- EXISTING LINE MARKING TO BE HYDROBLASTED

NOTES

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REV	DATE	BY	DESCRIPTION	CHK	APD

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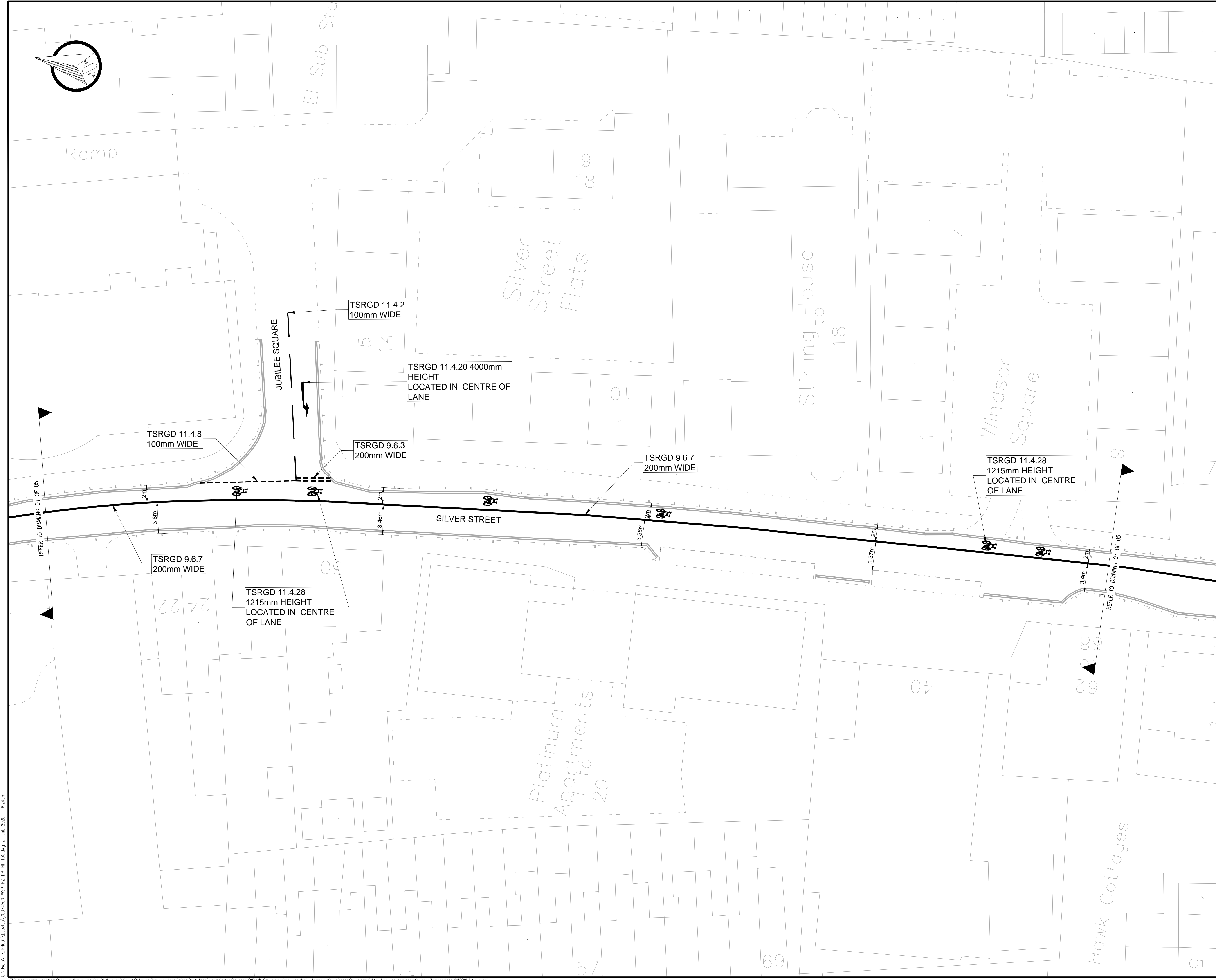
PROJECT

RBC ACTIVE TRAVEL DFT GRANT
SCHEME F - SOUTHAMPTON / SILVER STREET

TITLE

SILVER STREET / MOUNT PLEASANT
PROPOSED ROAD MARKINGS
SHEET 01 OF 05

SCALE @ A1	DATE	DESIGN/DRAWN	CHECKED	APPROVED	SHEET
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JOB No.	PROJECT No.	Client No.			REV.
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- KEY
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S5-P1	21.07.2020	JB	FIRST ISSUE	JCH	JN
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RBC ACTIVE TRAVEL DFT GRANT
SCHEME F - SOUTHAMPTON / SILVER STREET

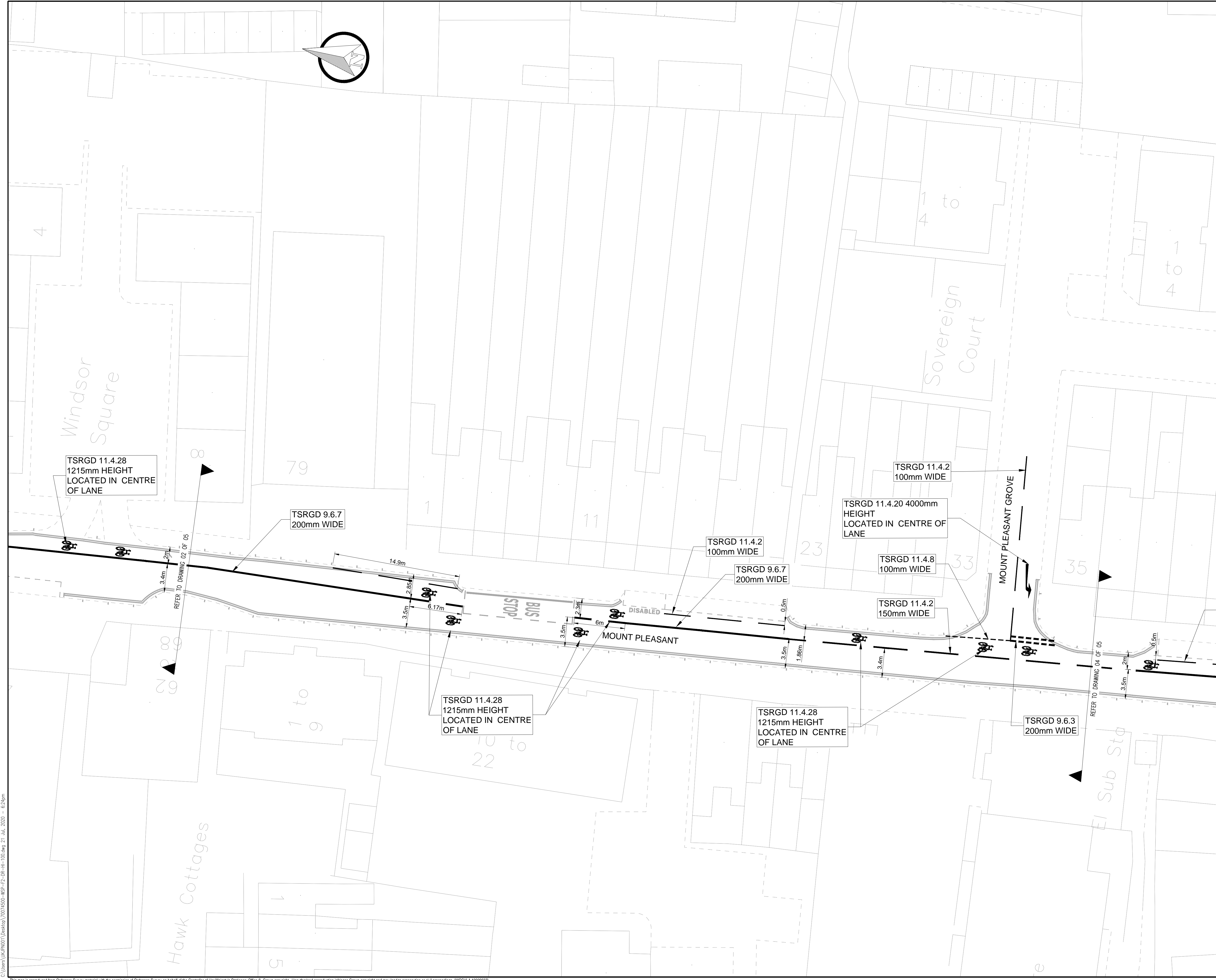
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SILVER STREET / MOUNT PLEASANT
PROPOSED ROAD MARKINGS

SHEET 02 OF 05

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JOB No.	PROJECT No.	Client No.			
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KEY

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S5-P1	21.07.2020	JB	FIRST ISSUE	JCH	JN
REV	DATE	BY	DESCRIPTION	CHK	APD

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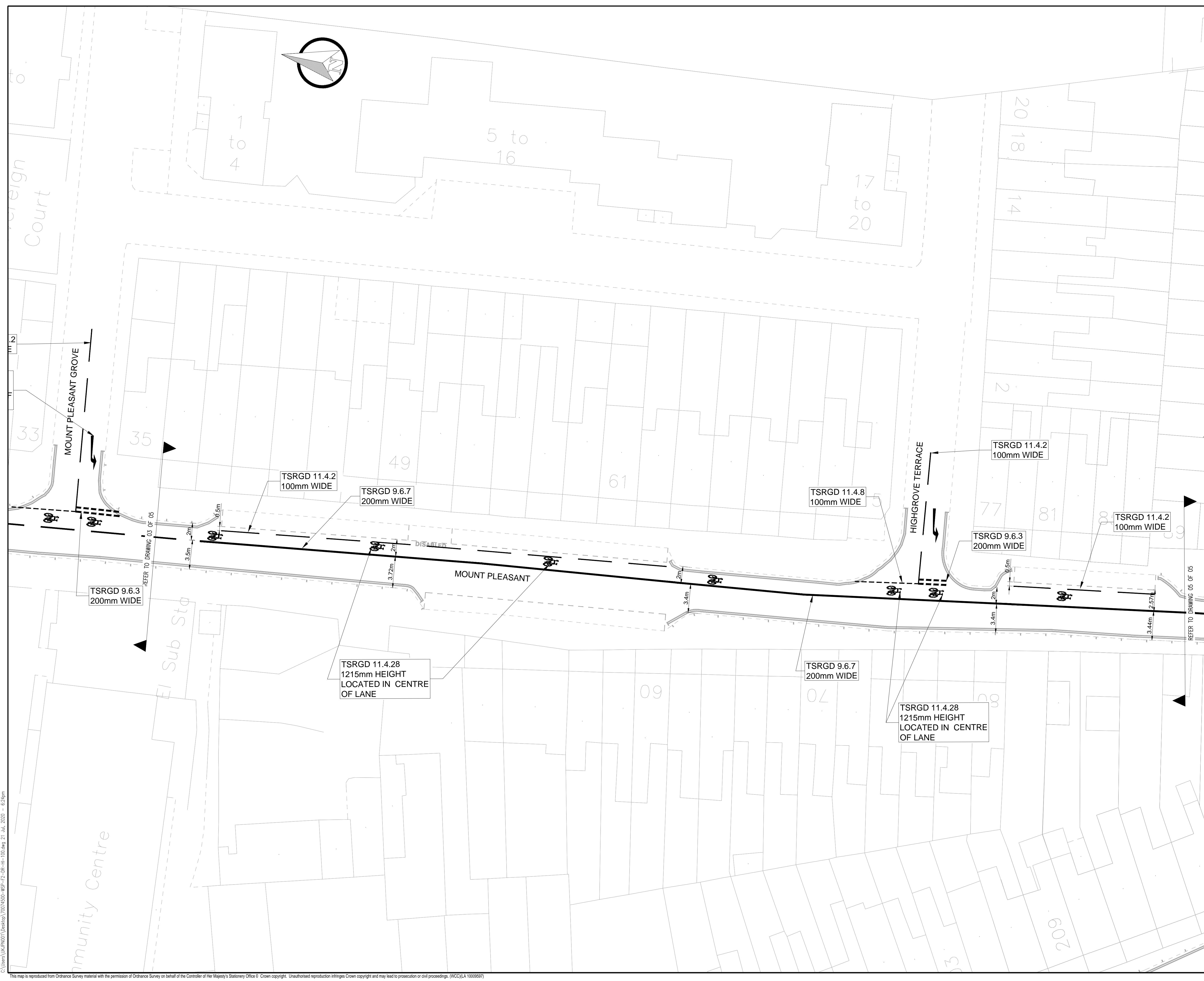
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RBC ACTIVE TRAVEL DFT GRANT
SCHEME F - SOUTHAMPTON / SILVER STREET

TITLE

SILVER STREET / MOUNT PLEASANT
PROPOSED ROAD MARKINGS
SHEET 03 OF 05

SCALE @ A1	DATE	DESIGN/DRAWN	CHECKED	APPROVED	SHEET
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JOB No.	PROJECT No.	Client No.			
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- KEY
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REV	DATE	BY	DESCRIPTION	CHK	APP


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SCHEME F - SOUTHAMPTON / SILVER STREET

TITLE

SILVER STREET / MOUNT PLEASANT
PROPOSED ROAD MARKINGS
SHEET 04 OF 05

SCALE @ A1

1:200

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21/07/2020

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JOB No.

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PROJECT No.

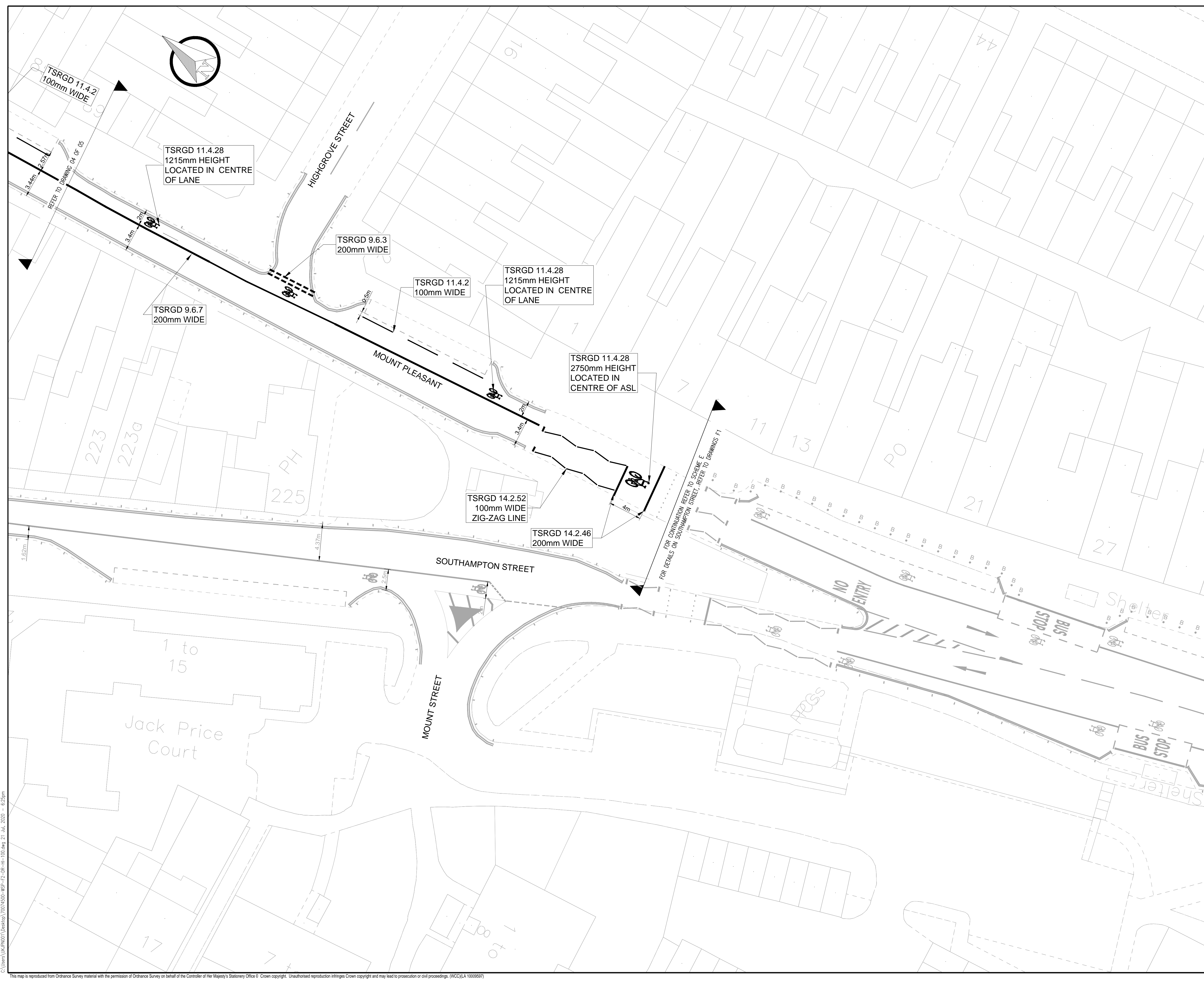
Client No.

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REV.

S5-P1




- KEY
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S5-P1	21.07.2020	JB	FIRST ISSUE	JCH	JN
REV	DATE	BY	DESCRIPTION	CHK	APP


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RBC ACTIVE TRAVEL DFT GRANT
SCHEME F - SOUTHAMPTON / SILVER STREET

TITLE

SILVER STREET / MOUNT PLEASANT
PROPOSED ROAD MARKINGS
SHEET 05 OF 05

SCALE @ A1

1:200

DATE

21/07/2020

DESIGN/DRAWN

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JOB No.

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PROJECT No.

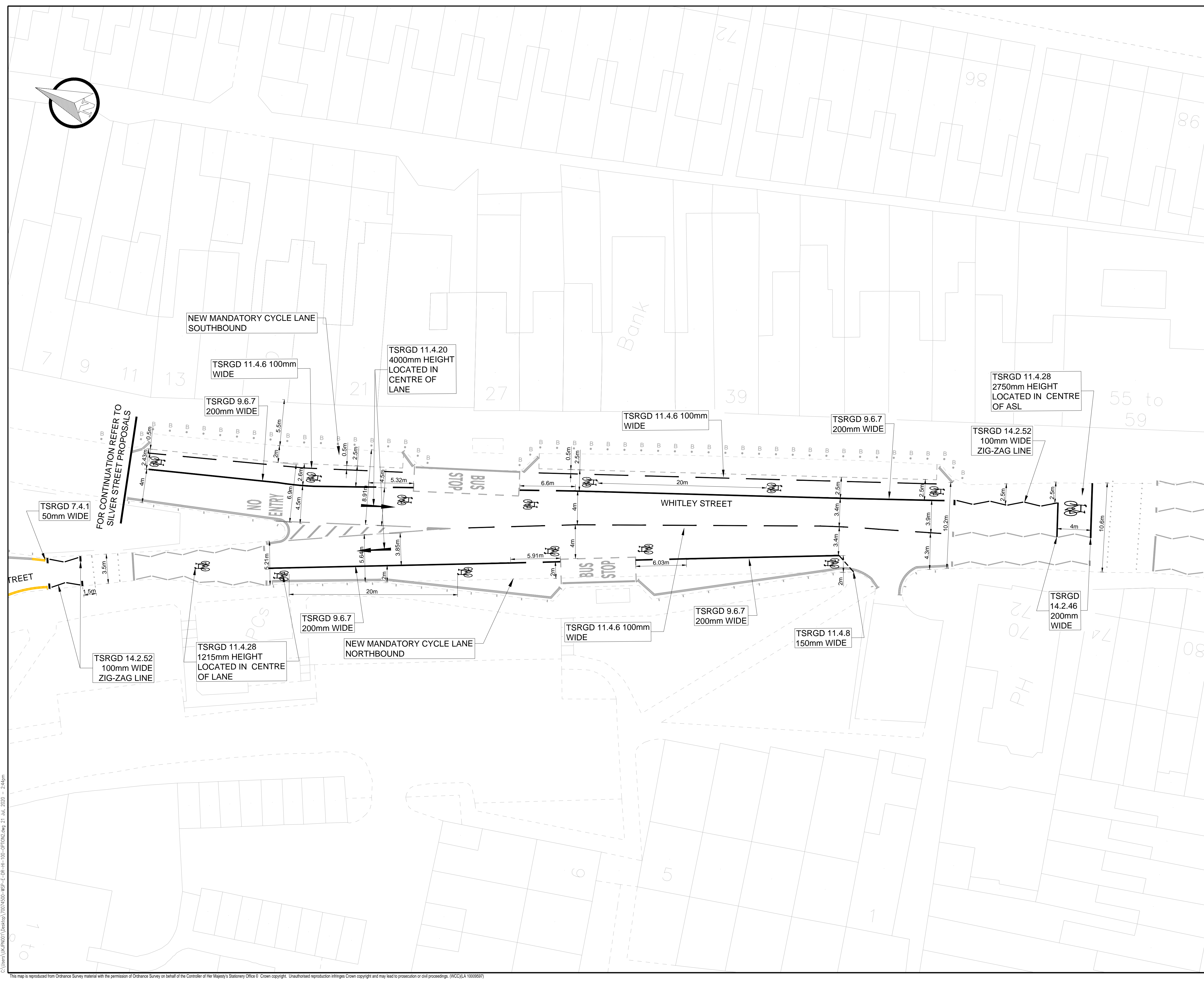
Client No.

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70074500-WSP-F2-DR-HI-100-05

REV.

S5-P1



KEY

- PROPOSED PRIMROSE YELLOW LINE MARKINGS
- PROPOSED WHITE LINE MARKING
- EXISTING ROAD MARKINGS TO REMAIN
- EXISTING ROAD MARKINGS TO BE HYDROBLASTED
- POTENTIAL WAYFINDER SIGN LOCATION

- NOTES
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S5-P01	21.07.2020	JM	FIRST ISSUE	JCH	JN
REV	DATE	BY	DESCRIPTION	CHK	APD

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SCHEME E - OPTION 2

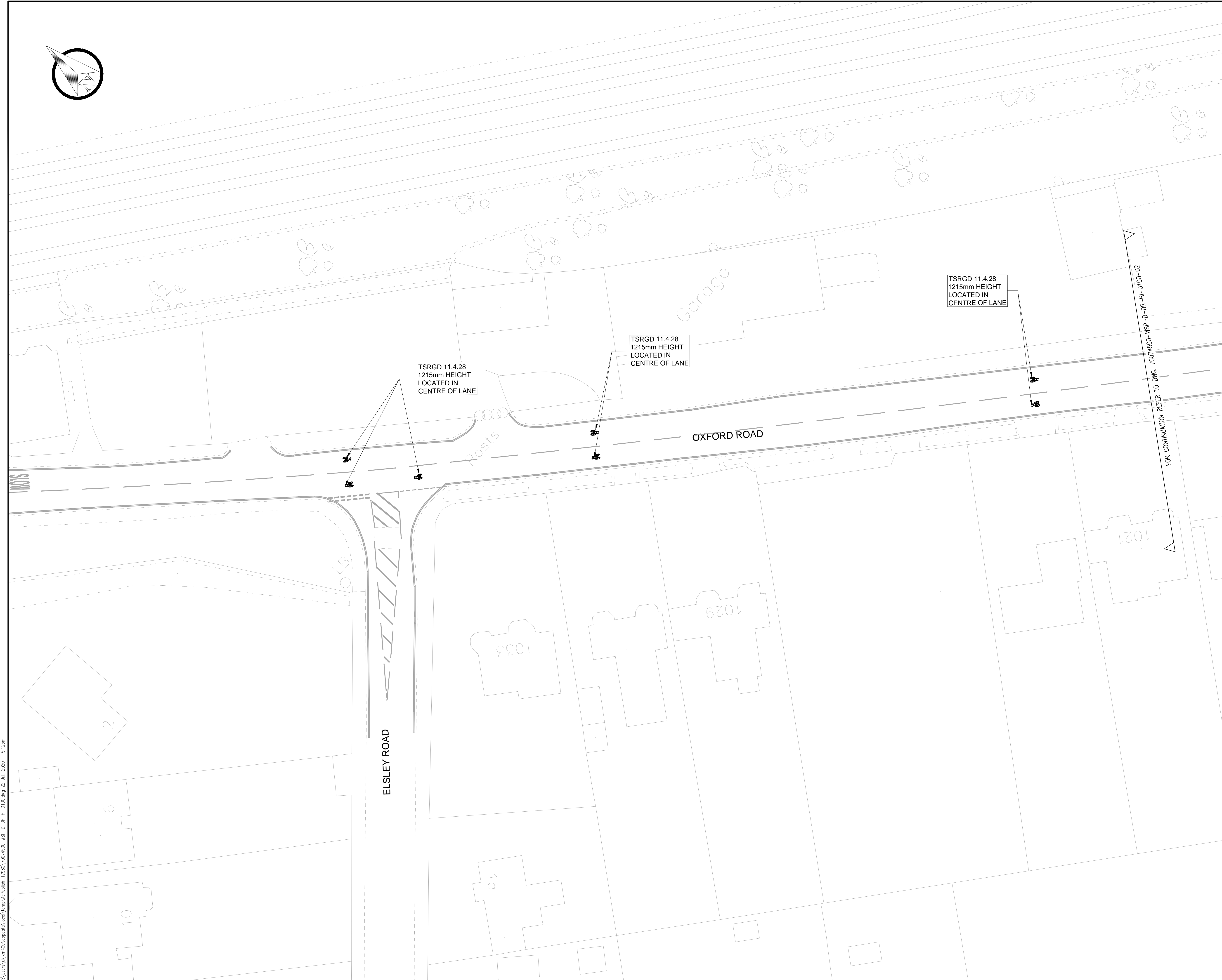
TITLE

WHITLEY STREET LOCAL CENTRE
PROPOSED ROAD MARKINGS

SCALE @ A1	DATE	DESIGNED/DRAWN	CHECKED	APPROVED	SHEET
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JOB No.	PROJECT No.	Client No.			
70074500					
DRAWING No.					REV.
70074500-WSP-E-DR-HI-0100-02					S5-P1

Scheme
3: Oxford Road
Scheme Summary
Reallocation of road space to create new advisory cycle lanes (predominantly in Tilehurst) and the addition of cycle symbols (lining) along this route.
Necessary / Desirable Alterations (scheme-specific)
<p>Shorter-term</p> <ul style="list-style-type: none"> There is a desire to widen the existing 'buffer zones' where the lanes pass parking bays. This may not be possible in all locations, due to the space constraints. Consider treatments to narrow the available carriageway around the roundabouts at Overdown Road and Cranbourne Gardens/Waitrose to reduce vehicle speeds. Consider treatments around the pedestrian refuge island to the east of the roundabout at Cranbourne Gardens to narrow the useable carriageway and discourage motorist attempts at overtaking cyclists. <p>Longer-term</p> <ul style="list-style-type: none"> It would be desirable to implement some enhancements to the carriageway edge, which would not typically fall within 'maintenance' of the carriageway. These include investigating gully covers and other elements that would improve the experience for cyclists. Other elements raised in the cover report, applying to all schemes and the ambition for upgrades as part of larger, strategic schemes.
Additional Comments/Background
<p>Usage counts over 12-hour daytime period in June 2021:</p> <ul style="list-style-type: none"> 85 westbound, taken by Constitution Road 31 eastbound and 28 westbound, near to Waitrose roundabout 46 eastbound and 36 westbound, in Tilehurst section <p>It is expected that strategic projects, such as the Oxford Road Corridor Study, could support further desirable improvements, including whether the westbound approach to the traffic signals at Grovelands Road could be reduced to a single lane for general traffic and enabling a cycle facility (or shared bus/cycle) to be integrated. The Council's recent indicative successful funding toward its Bus Service Improvement Plan also highlights priority bus links on the Oxford Road corridor, which are likely to enable cycle access to these lesser-trafficked facilities.</p> <p>The recently-installed controlled crossing on Oxford Road, to the east of the roundabout with Overdown Road, was future-proofed to include cycle crossing facilities, as there is a shared-use cycle/pedestrian facility on the north side. Future strategies can consider options to continue/link other facilities from the southern side, where this shared-use facility currently ends.</p> <p>Other general points are raised in the main report.</p>
Officer Recommendation
To be retained as a permanent scheme.

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PROPOSED PRIMROSE YELLOW LINE MARKINGS

PROPOSED WHITE LINE MARKING

EXISTING ROAD MARKINGS

4 SP

POTENTIAL WAYFINDER SIGN LOCATION

NOTES

1.

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2.

ALL UNITS ARE IN METRES UNLESS STATED OTHERWISE

S5-P02	22.07.2020	JM/JB	CYCLEWAY 1.5m	JCH	JN
S5-P01	21.07.2020	JM/JB	FIRST ISSUE	JCH	JN
REV	DATE	BY	DESCRIPTION	CHK	APD

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RBC Active Travel DFT Grant - Tranche 1 (D-G)
Scheme D - OXFORD ROAD

TITLE

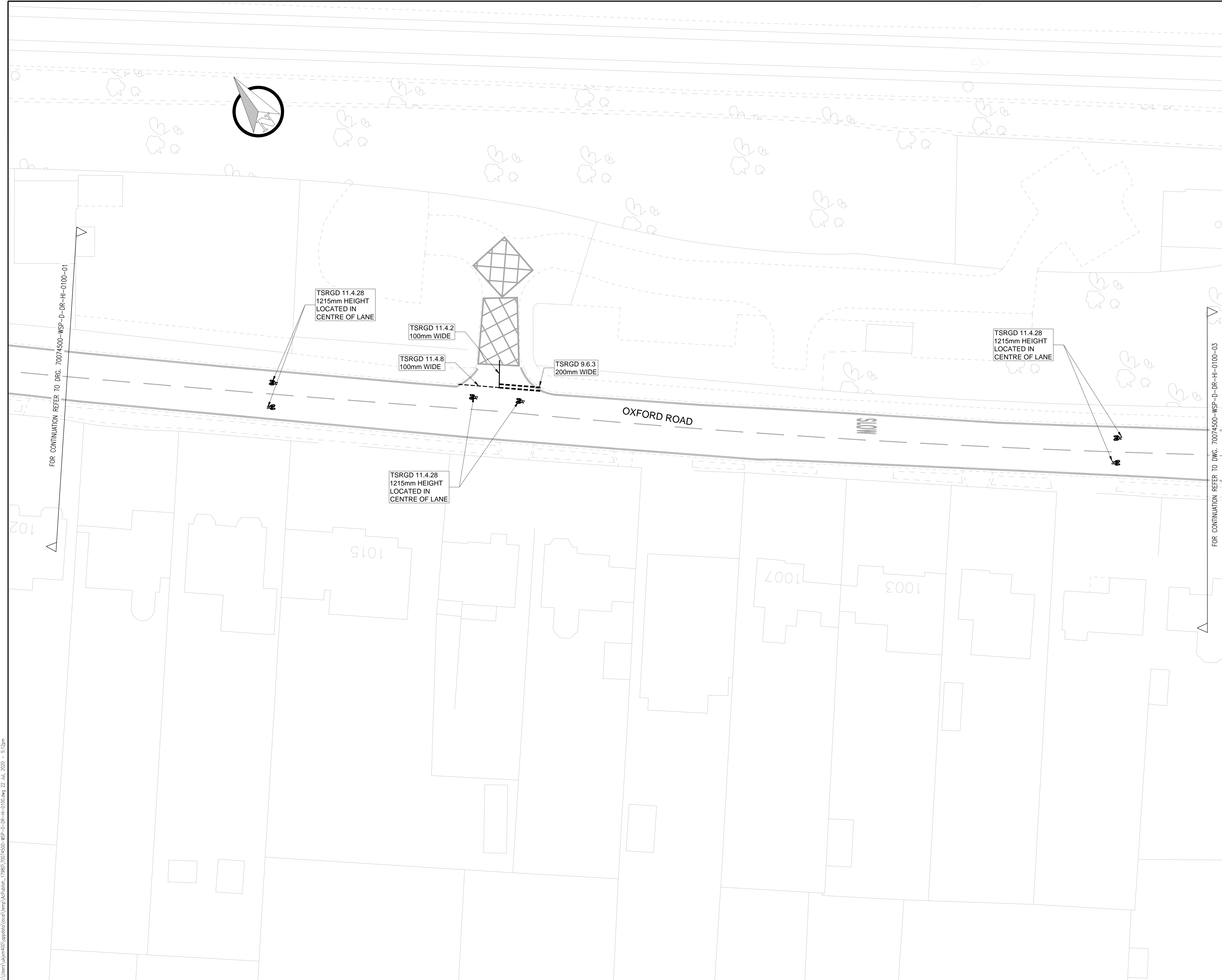
GENERAL ARRANGEMENT
SHEET 01 OF 11

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JOB No.	PROJECT No.	Client No.			
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DRAWING No.				REV.	
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- PROPOSED PRIMROSE YELLOW LINE MARKINGS
- PROPOSED WHITE LINE MARKING
- EXISTING ROAD MARKINGS
- 4 SP POTENTIAL WAYFINDER SIGN LOCATION

- NOTES
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S5-P02	22.07.2020	JM/JB	CYCLEWAY 1.5m	JCH	JN
S5-P01	21.07.2020	JM/JB	FIRST ISSUE	JCH	JN
REV	DATE	BY	DESCRIPTION	CHK	APD

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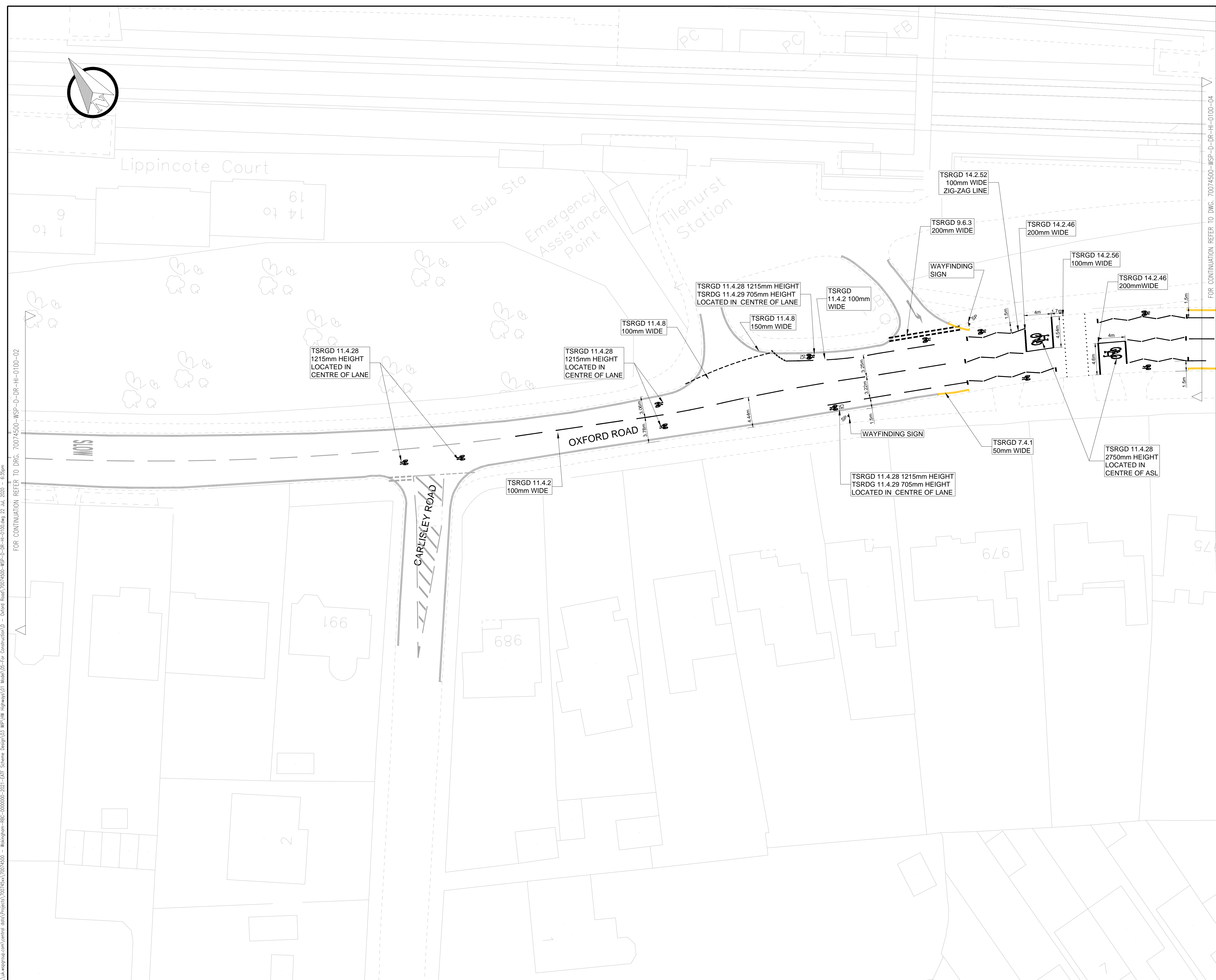
PROJECT

RBC Active Travel DFT Grant - Tranche 1 (D-G)
Scheme D - OXFORD ROAD

TITLE

GENERAL ARRANGEMENT
SHEET 02 OF 11

SCALE @ A1	DATE	DESIGNED/DRAWN	CHECKED	APPROVED	SHEET
1:200	22.07.2020	JM/JB	JCH	JN	A1
JOB No.	PROJECT No.	Client No.			
70074500					
DRAWING No.				REV.	
70074500-WSP-D-DR-HI-100-02				S5-P02	



PROPOSED PRIMROSE YELLOW LINE MARKINGS

PROPOSED WHITE LINE MARKING

EXISTING ROAD MARKINGS

POTENTIAL WAYFINDER SIGN LOCATION

NOTES

1. DESIGN UNDERTAKEN IN OS BASE. MEASUREMENTS ARE ESTIMATED AND CONTRACTOR MUST REVIEW ON SITE BEFORE IMPLEMENTATION

2. ALL UNITS ARE IN METRES UNLESS STATED OTHERWISE

S5-P02	22.07.2020	JM/JB	CYCLEWAY 1.5m	JCH	JN
S5-P01	21.07.2020	JM/JB	FIRST ISSUE	JCH	JN
REV	DATE	BY	DESCRIPTION	CHK	APD

DRAWING STATUS

FOR CONSTRUCTION

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PROJECT

RBC Active Travel DFT Grant - Tranche 1 (D-G)

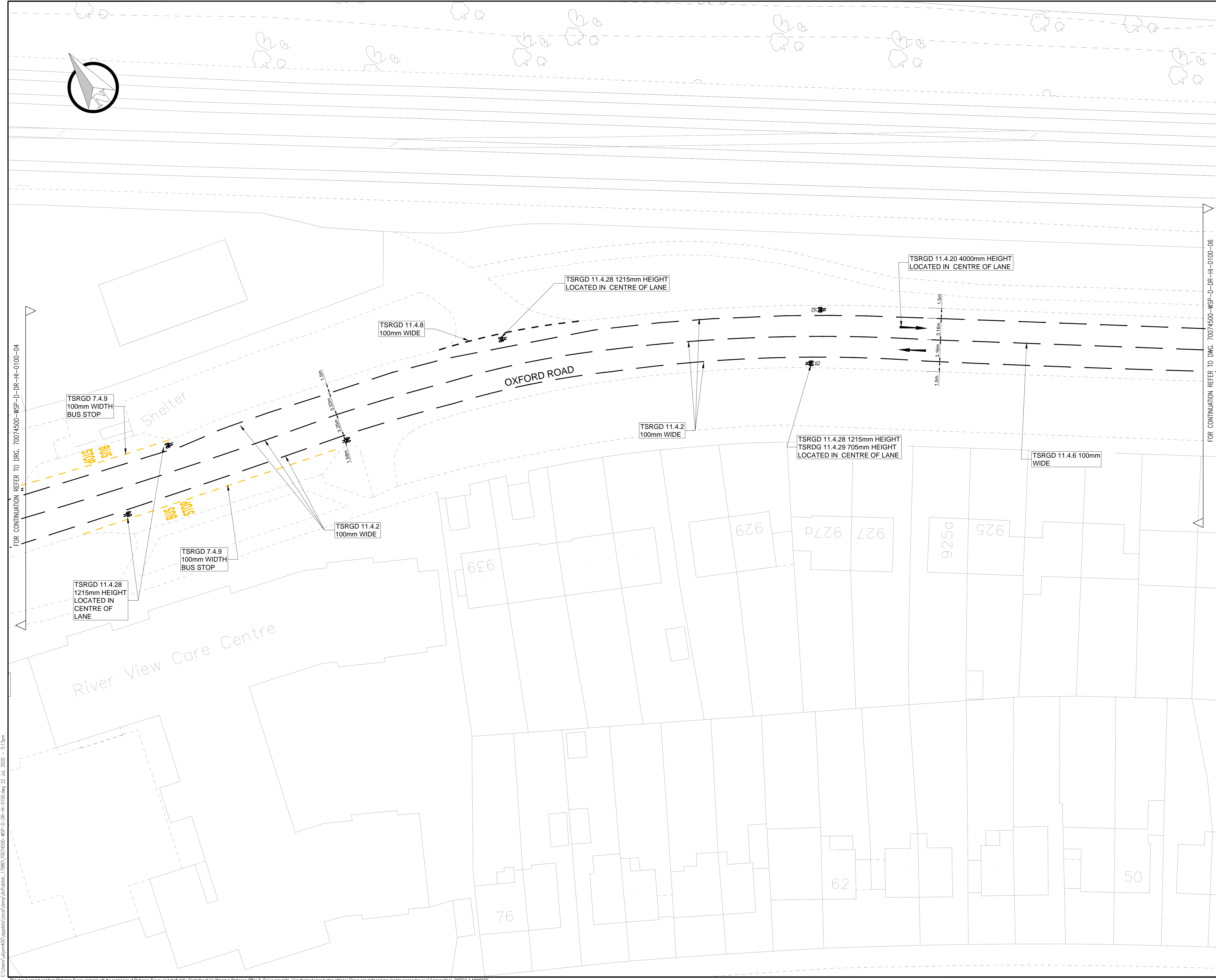
Scheme D - OXFORD ROAD

TITLE

GENERAL ARRANGEMENT

SHEET 03 OF 11

SCALE @ A1	DATE	DESIGN/DRAWN	CHECKED	APPROVED	SHEET
1:200	22.07.2020	JM/JB	JCH	JN	A1
JOB No.	PROJECT No.	Client No.		REV.	
70074500					
DRAWING No.				70074500-WSP-D-DR-HI-100-03	
				S5-P02	



- PROPOSED PRIMROSE YELLOW LINE MARKINGS
- PROPOSED WHITE LINE MARKING
- EXISTING ROAD MARKINGS
- POTENTIAL WAYFINDER SIGN LOCATION

NOTES

- DESIGN UNDERTAKEN IN OS BASE, MEASUREMENTS ARE ESTIMATED AND CONTRACTOR MUST REVIEW ON SITE BEFORE IMPLEMENTATION
- ALL UNITS ARE IN METRES UNLESS STATED OTHERWISE

FOR CONTINUATION REFER TO DRG. 70074500-WSP-D-DR-HI-0100-04

FOR CONTINUATION REFER TO DRG. 70074500-WSP-D-DR-HI-0100-06

S5-P02	22.07.2020	JM/JB	CYCLEWAY 1.5m	JCH	JN
S5-P01	21.07.2020	JM/JB	FIRST ISSUE	JCH	JN
REV	DATE	BY	DESCRIPTION	CHK	APD

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PROJECT
RBC Active Travel DFT Grant - Tranche 1 (D-G)
Scheme D - OXFORD ROAD

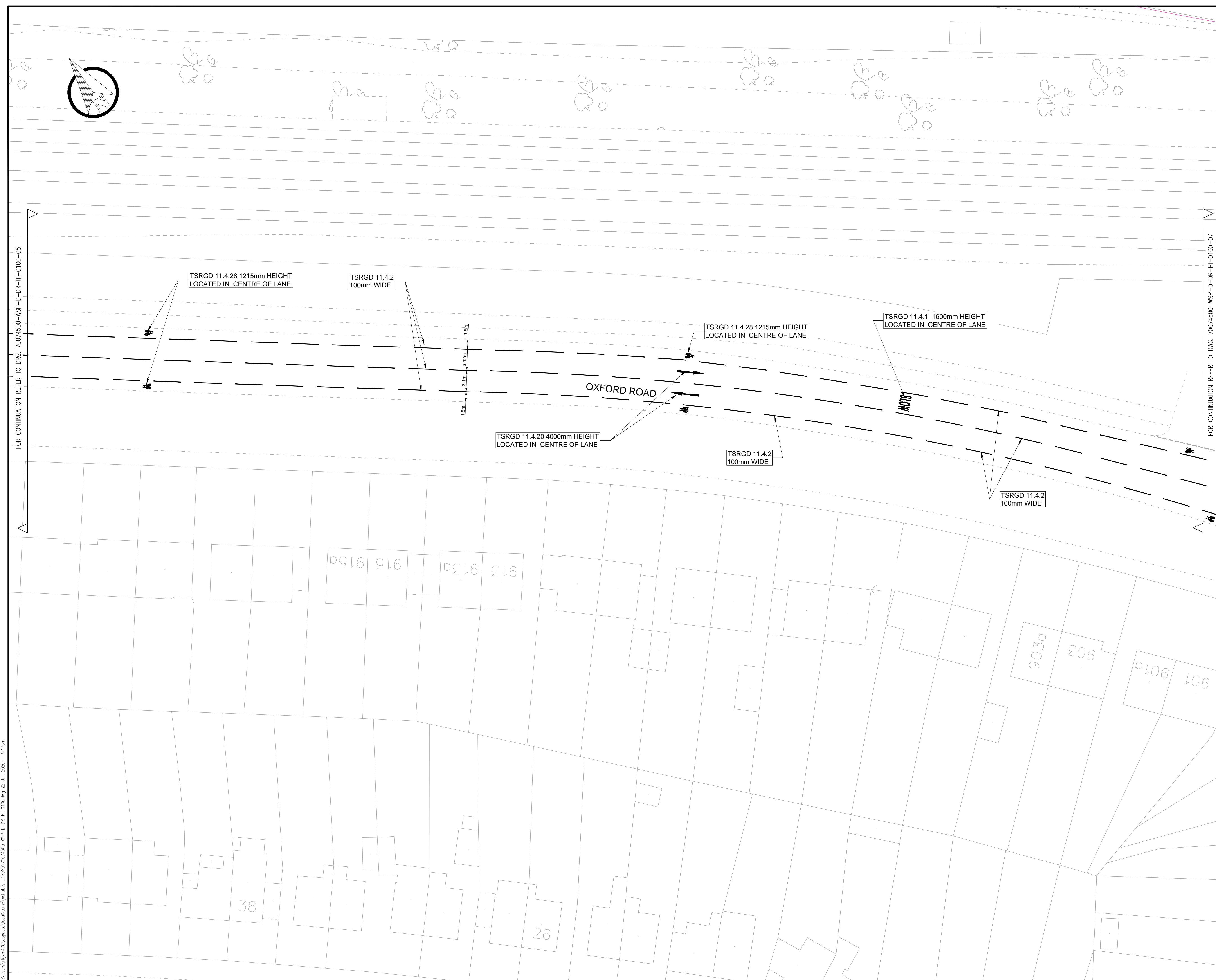
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GENERAL ARRANGEMENT
SHEET 05 OF 11

SCALE @ A1	DATE	DESIGN/DRAWN	CHECKED	APPROVED	SHEET
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JOB No.	PROJECT No.	Client No.
70074500		

DRAWING No.	REV.
70074500-WSP-D-DR-HI-100-05	S5-P02

C:\Users\jagm4101\AppData\Local\Temp\XepFadish... 7980\70074500-WSP-D-DR-HI-0100.dwg 22 Jul 2020 - 51.5m



PROPOSED PRIMROSE YELLOW LINE MARKINGS

PROPOSED WHITE LINE MARKING

EXISTING ROAD MARKINGS

4 SP

POTENTIAL WAYFINDER SIGN LOCATION

NOTES

1. DESIGN UNDERTAKEN IN OS BASE, MEASUREMENTS ARE ESTIMATED AND CONTRACTOR MUST REVIEW ON SITE BEFORE IMPLEMENTATION

2. ALL UNITS ARE IN METRES UNLESS STATED OTHERWISE

S5-P02	22.07.2020	JM/JB	CYCLEWAY 1.5m	JCH	JN
S5-P01	21.07.2020	JM/JB	FIRST ISSUE	JCH	JN
REV	DATE	BY	DESCRIPTION	CHK	APD

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PROJECT

RBC Active Travel DFT Grant - Tranche 1 (D-G)

Scheme D - OXFORD ROAD

TITLE

GENERAL ARRANGEMENT

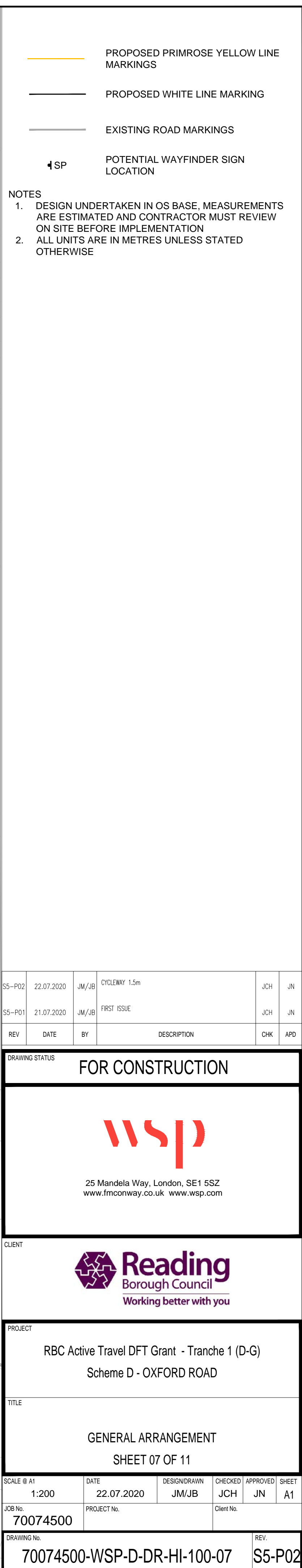
SHEET 06 OF 11

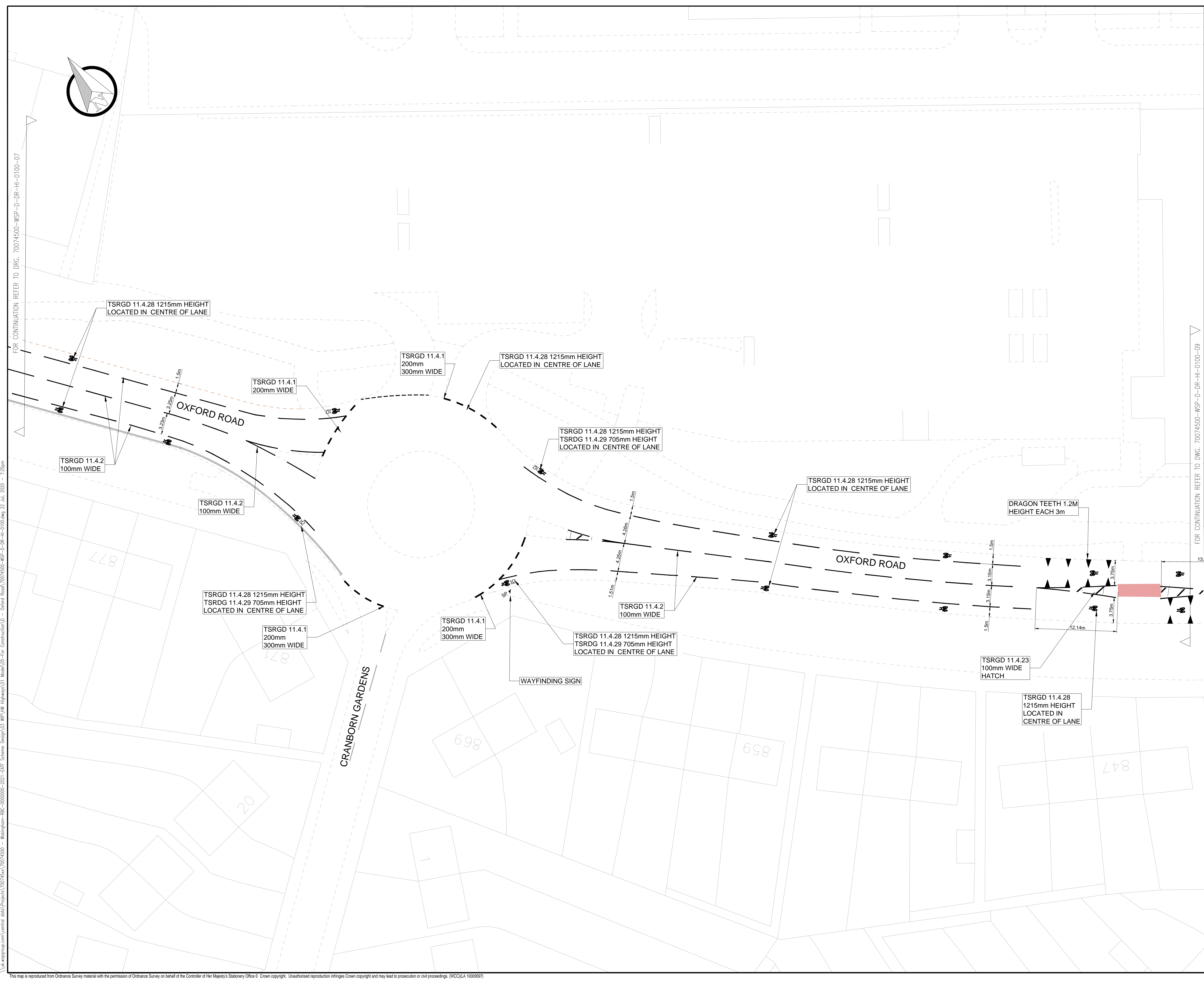
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1:200	22.07.2020	JM/JB	JCH	JN	A1
JOB No.	PROJECT No.	Client No.		REV.	
70074500					

DRAWING No.

70074500-WSP-D-DR-HI-100-06

S5-P02





PROPOSED PRIMROSE YELLOW LINE MARKINGS

PROPOSED WHITE LINE MARKING

EXISTING ROAD MARKINGS

POTENTIAL WAYFINDER SIGN LOCATION

NOTES

1. DESIGN UNDERTAKEN IN OS BASE. MEASUREMENTS ARE ESTIMATED AND CONTRACTOR MUST REVIEW ON SITE BEFORE IMPLEMENTATION

2. ALL UNITS ARE IN METRES UNLESS STATED OTHERWISE

S5-P02	22.07.2020	JM/JB	CYCLEWAY 1.5m	JCH	JN
S5-P01	21.07.2020	JM/JB	FIRST ISSUE	JCH	JN
REV	DATE	BY	DESCRIPTION	CHK	APD

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Scheme D - OXFORD ROAD

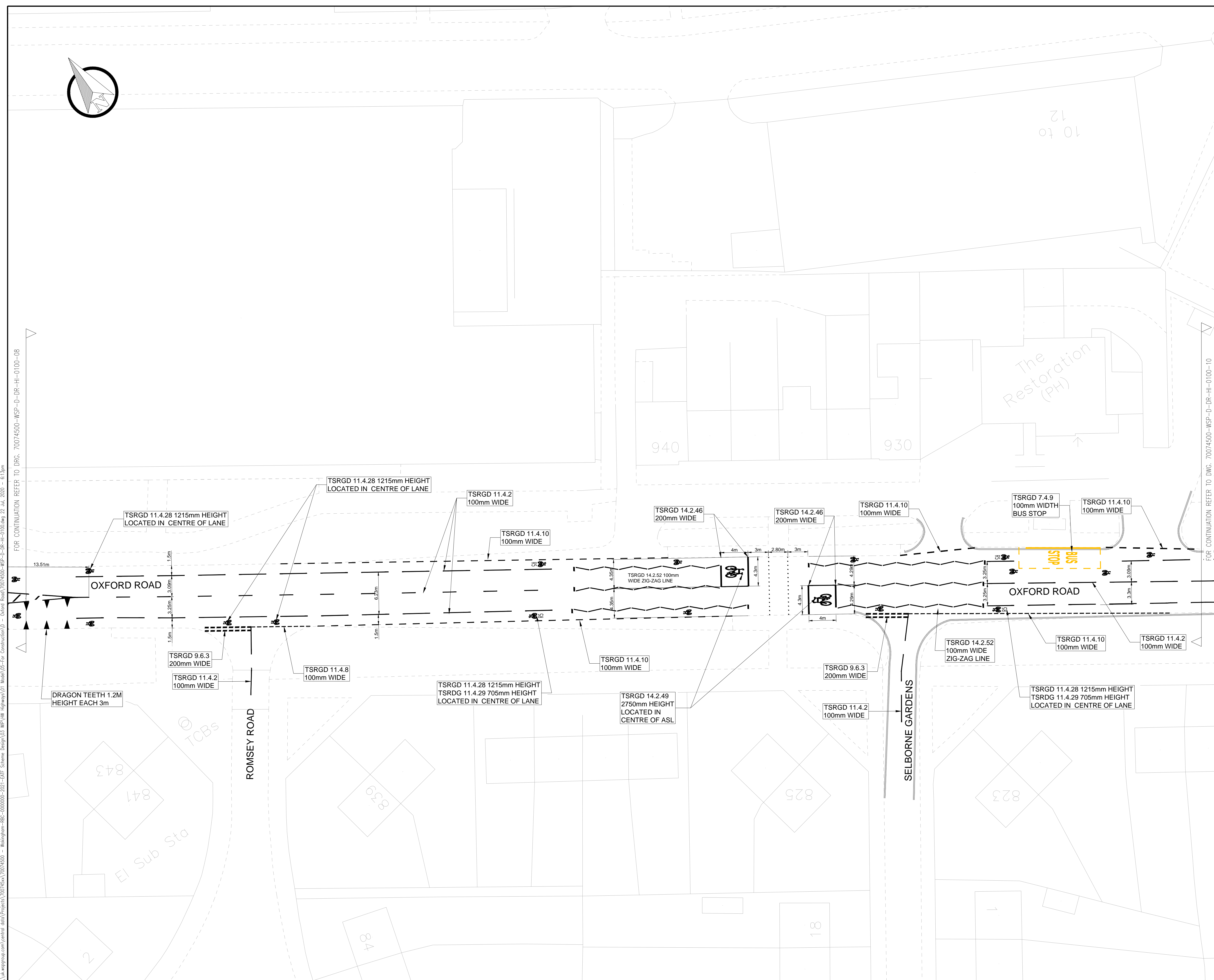
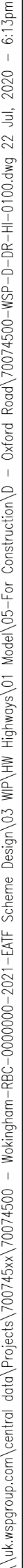
TITLE

GENERAL ARRANGEMENT
SHEET 08 OF 11

SCALE @ A1	DATE	DESIGNED/DRAWN	CHECKED	APPROVED	SHEET
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JOB No.	PROJECT No.	Client No.			
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DRAWING No.				REV.	
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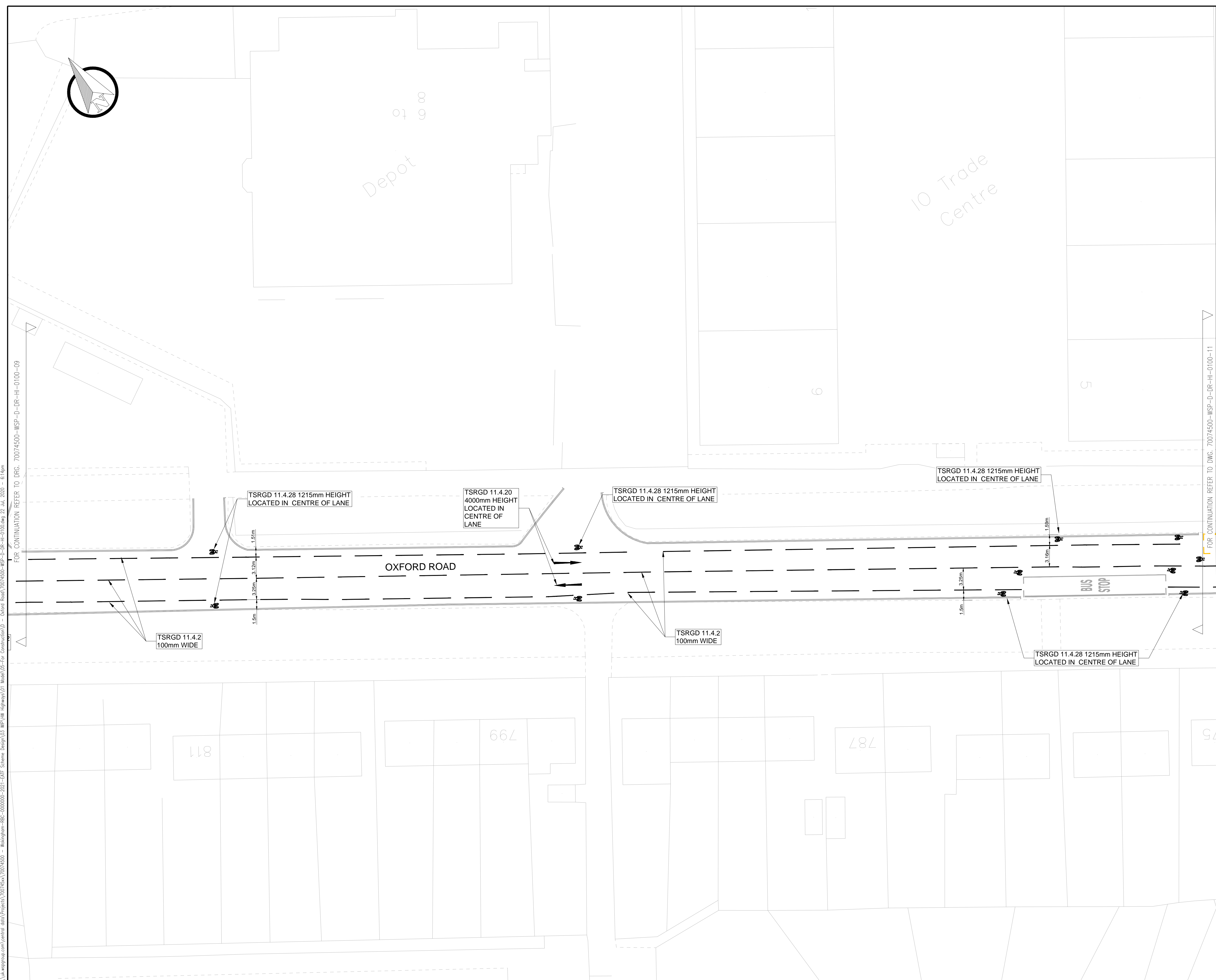
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- NOTES**
1. DESIGN UNDERTAKEN IN OS BASE, MEASUREMENTS ARE ESTIMATED AND CONTRACTOR MUST REVIEW ON SITE BEFORE IMPLEMENTATION
 2. ALL UNITS ARE IN METRES UNLESS STATED OTHERWISE

DRAWING No.	REV.
70074500-WSP-D-DR-HI-100-09	S5-F



- PROPOSED PRIMROSE YELLOW LINE MARKINGS
- PROPOSED WHITE LINE MARKING
- EXISTING ROAD MARKINGS
- POTENTIAL WAYFINDER SIGN LOCATION

NOTES
1. DESIGN UNDERTAKEN IN OS BASE, MEASUREMENTS ARE ESTIMATED AND CONTRACTOR MUST REVIEW ON SITE BEFORE IMPLEMENTATION
2. ALL UNITS ARE IN METRES UNLESS STATED OTHERWISE

\\uk.wspgroup.com\central\data\Projects\70074500\70074500 - Oxford Road\70074500-WSP-D-DR-HI-0100-09 - 614km

S5-P02	22.07.2020	JM/JB	CYCLEWAY 1.5m	JCH	JN
S5-P01	21.07.2020	JM/JB	FIRST ISSUE	JCH	JN
REV	DATE	BY	DESCRIPTION	CHK	APD

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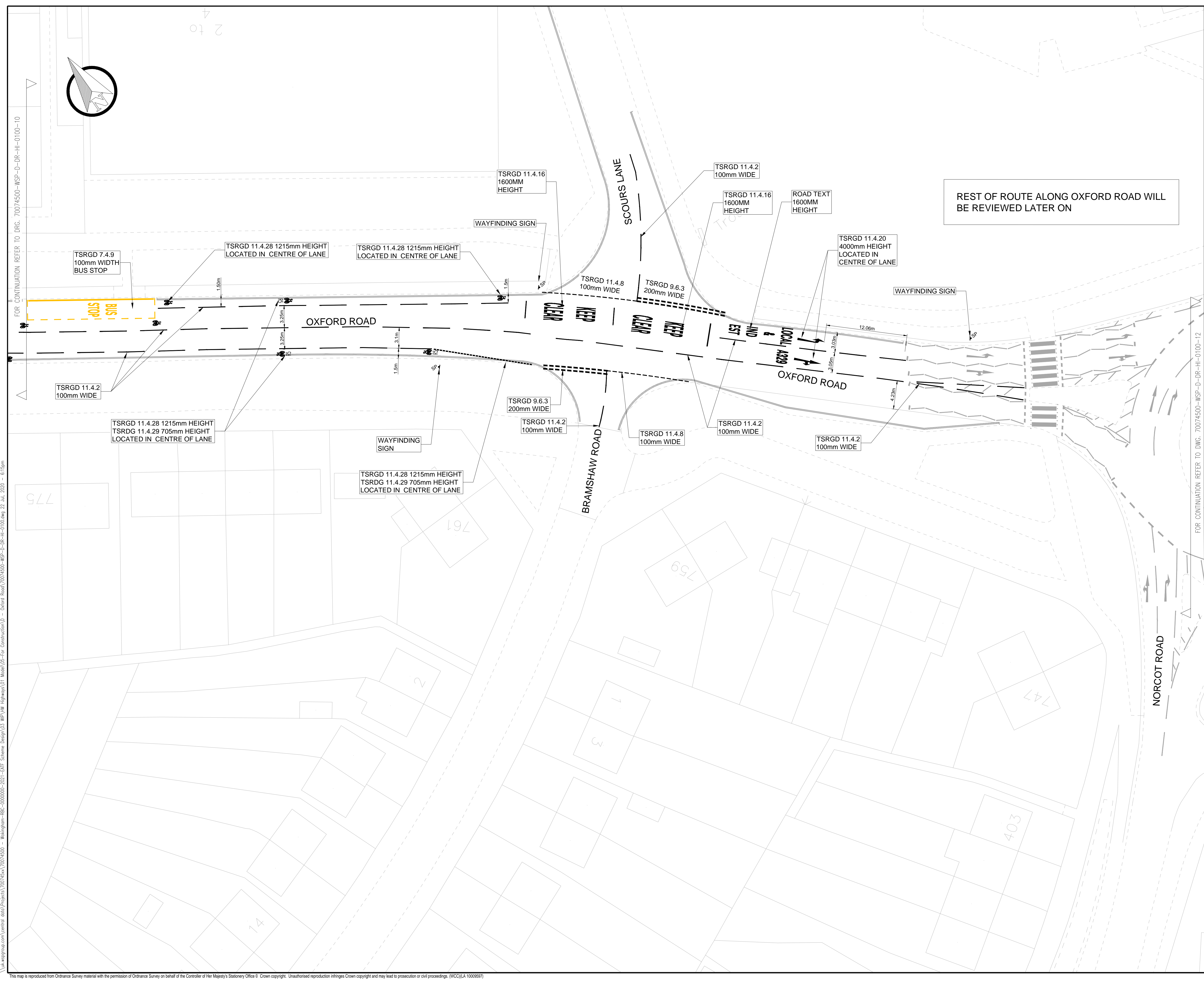
RBC Active Travel DFT Grant - Tranche 1 (D-G)
Scheme D - OXFORD ROAD

TITLE

GENERAL ARRANGEMENT
SHEET 10 OF 11

SCALE @ A1	DATE	DESIGN/DRAWN	CHECKED	APPROVED	SHEET
1:200	22.07.2020	JM/JB	JCH	JN	A1
JOB No.	PROJECT No.	Client No.			
70074500					

DRAWING No.	REV.
70074500-WSP-D-DR-HI-100-10	S5-P02



PROPOSED PRIMROSE YELLOW LINE MARKINGS

PROPOSED WHITE LINE MARKING

EXISTING ROAD MARKINGS

4 SP

POTENTIAL WAYFINDER SIGN LOCATION

- NOTES
- DESIGN UNDERTAKEN IN OS BASE. MEASUREMENTS ARE ESTIMATED AND CONTRACTOR MUST REVIEW ON SITE BEFORE IMPLEMENTATION
 - ALL UNITS ARE IN METRES UNLESS STATED OTHERWISE

REST OF ROUTE ALONG OXFORD ROAD WILL BE REVIEWED LATER ON


FOR CONTINUATION REFER TO DRG. 70074500-WSP-D-DR-HI-0100-10

FOR CONTINUATION REFER TO DWG. 70074500-WSP-D-DR-HI-0100-12

S5-P02	22.07.2020	JM/JB	CYCLEWAY 1.5m	JCH	JN
S5-P01	21.07.2020	JM/JB	FIRST ISSUE	JCH	JN
REV	DATE	BY	DESCRIPTION	CHK	APD


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Scheme D - OXFORD ROAD

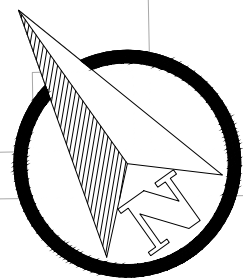
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GENERAL ARRANGEMENT
SHEET 11 OF 11

SCALE @ A1	DATE	DESIGNED/DRAWN	CHECKED	APPROVED	SHEET
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JOB No.	PROJECT No.	Client No.	REV.
70074500			

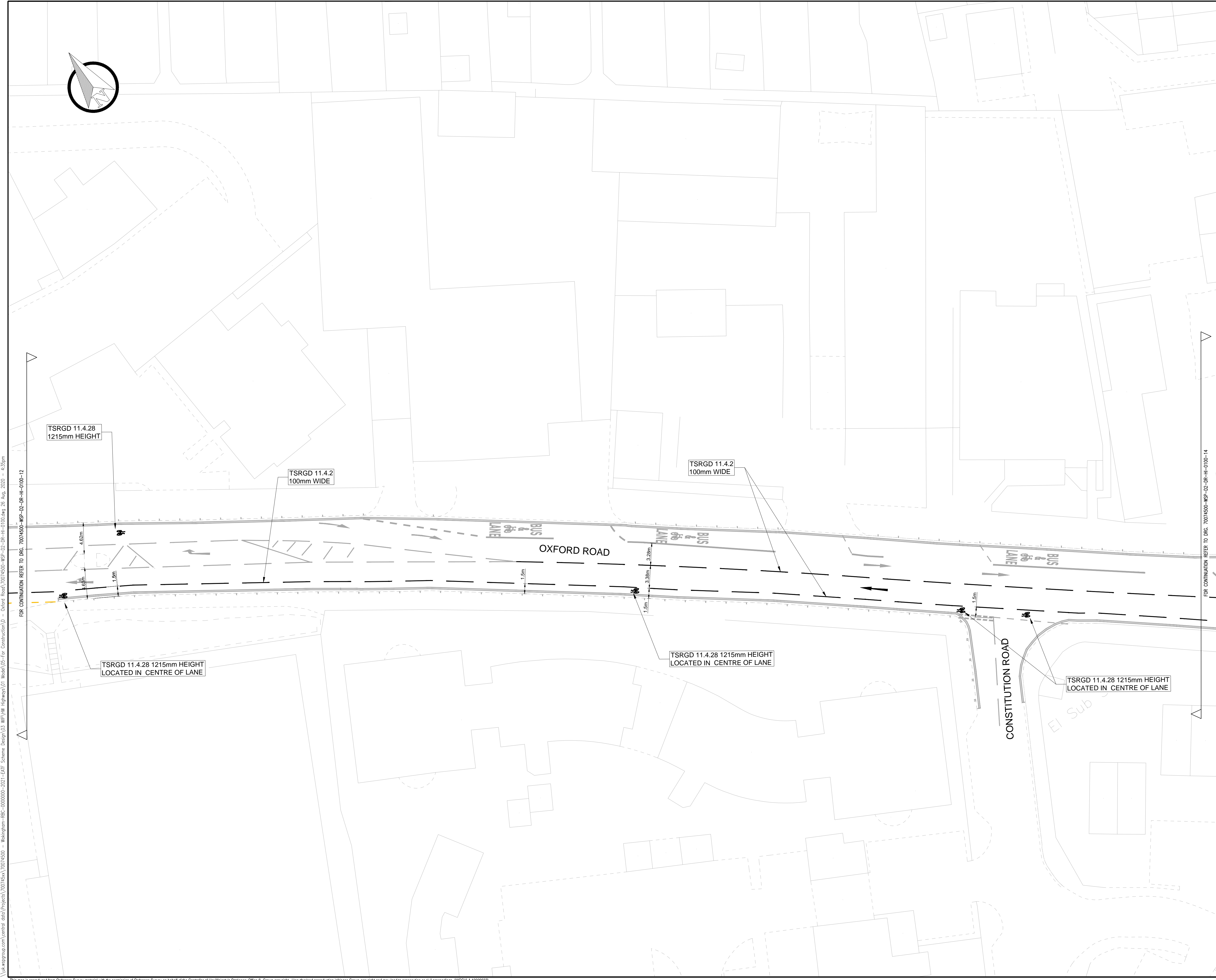
DRAWING No.	
70074500-WSP-D-DR-HI-100-11	



- PROPOSED PRIMROSE YELLOW LINE MARKINGS
- PROPOSED WHITE LINE MARKING
- EXISTING ROAD MARKINGS
- 4 SP

POTENTIAL WAYFINDER SIGN LOCATION

- NOTES
- DESIGN UNDERTAKEN IN OS BASE, MEASUREMENTS ARE ESTIMATED AND CONTRACTOR MUST REVIEW ON SITE BEFORE IMPLEMENTATION
 - ALL UNITS ARE IN METRES UNLESS STATED OTHERWISE.
 - ROAD SAFETY AUDIT HAS IDENTIFIED AREAS OF EXISTING ROAD MARKINGS IN POOR CONDITION. CONTRACTOR/RBC TO REVIEW ON SITE AND REFRESH MARKINGS WHERE REQUIRED



S5-P1	25.08.2020	JB	FIRST ISSUE	JCH	JN
REV	DATE	BY	DESCRIPTION	CHK	APD

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RBC Active Travel DFT Grant - Tranche 1 (D-G)
Scheme D - OXFORD ROAD - Section 2

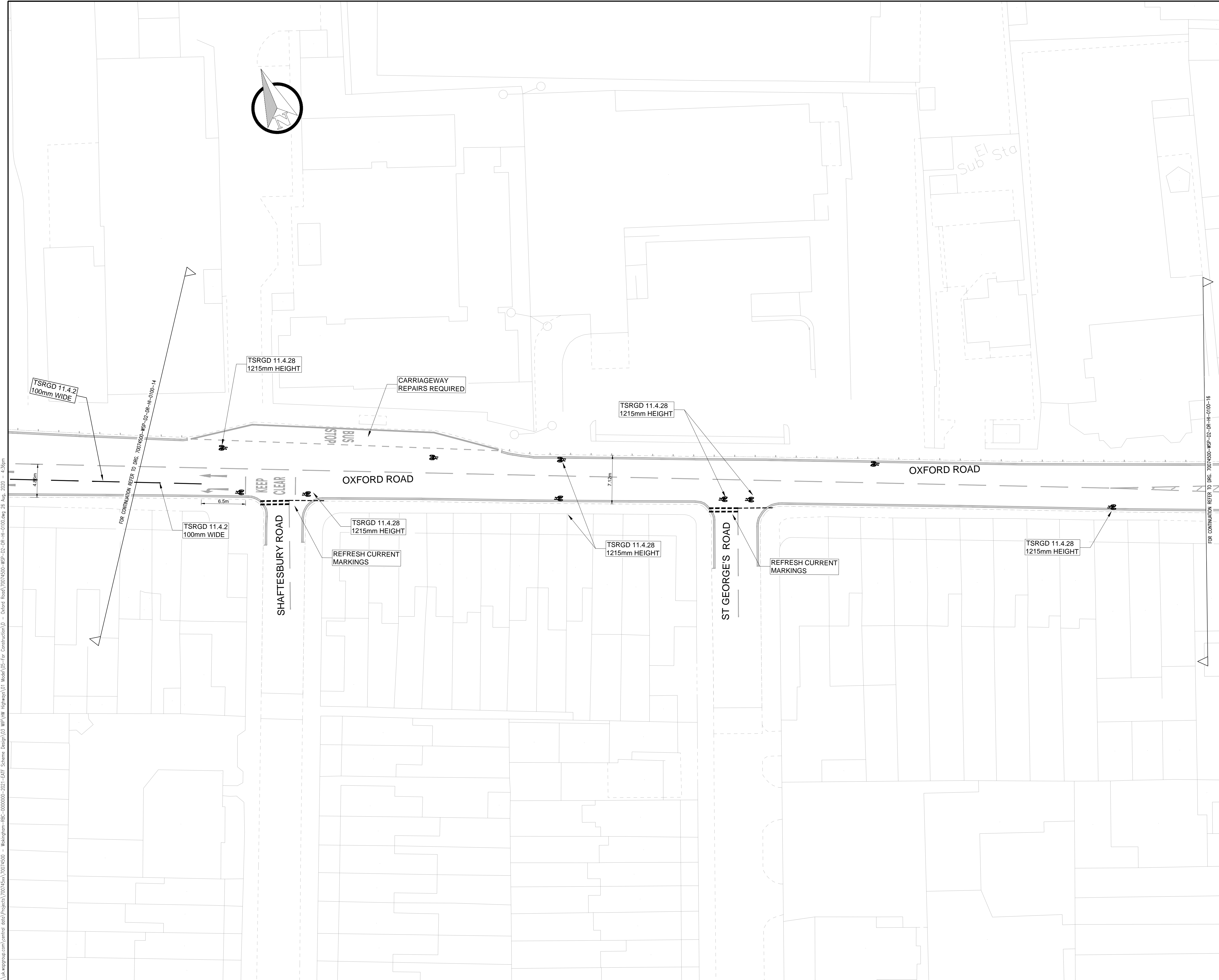
TITLE

GENERAL ARRANGEMENT
SHEET 13 OF 25

SCALE @ A1 1:250	DATE 25.08.2020	DESIGN/DRAWN JM/JB	CHECKED JCH	APPROVED JN	SHEET A1
JOB No. 70074500	PROJECT No.	Client No.			REV.

DRAWING No. 70074500-WSP-D2-DR-HI-0100-13	REV. S5-P1
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- PROPOSED PRIMROSE YELLOW LINE MARKINGS
- PROPOSED WHITE LINE MARKING
- EXISTING ROAD MARKINGS
- POTENTIAL WAYFINDER SIGN LOCATION

- NOTES
- DESIGN UNDERTAKEN IN OS BASE, MEASUREMENTS ARE ESTIMATED AND CONTRACTOR MUST REVIEW ON SITE BEFORE IMPLEMENTATION
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 - ROAD SAFETY AUDIT HAS IDENTIFIED AREAS OF EXISTING ROAD MARKINGS IN POOR CONDITION. CONTRACTOR/RBC TO REVIEW ON SITE AND REFRESH MARKINGS WHERE REQUIRED

S5-P1	25.08.2020	JB	FIRST ISSUE	JCH	JN
REV	DATE	BY	DESCRIPTION	CHK	APD

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RBC Active Travel DFT Grant - Tranche 1 (D-G)
Scheme D - OXFORD ROAD - Section 2

TITLE

GENERAL ARRANGEMENT
SHEET 15 OF 25

SCALE @ A1	DATE	DESIGN/DRAWN	CHECKED	APPROVED	SHEET
1:250	25.08.2020	JM/JB	JCH	JN	A1

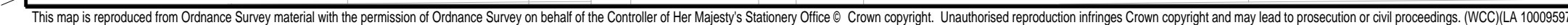
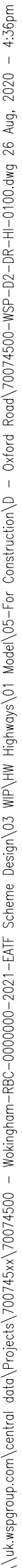
JOB No.	PROJECT No.	Client No.	REV.
70074500			

DRAWING No.	
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15

S5-P1

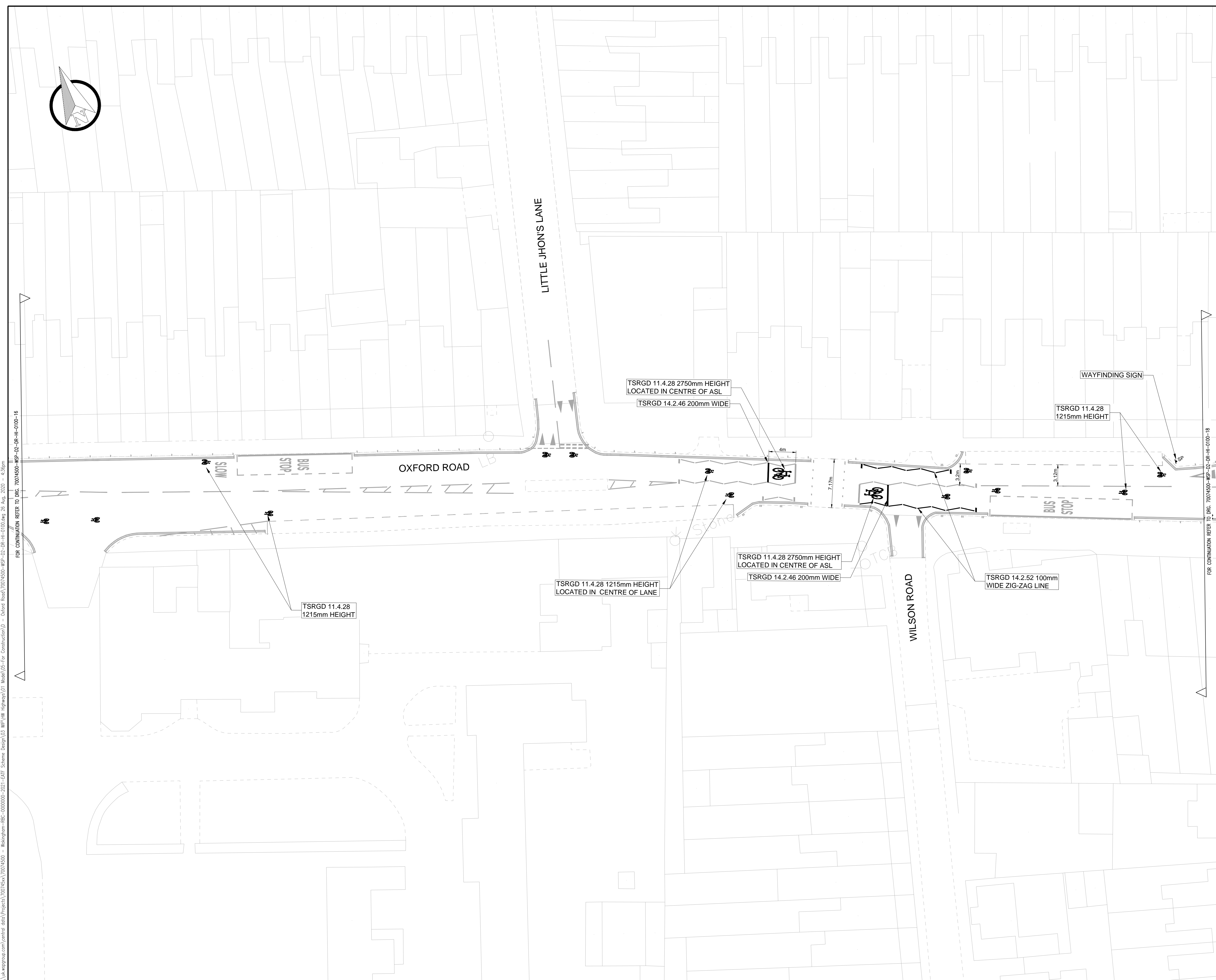
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NOTES

1. DESIGN UNDERTAKEN IN OS BASE, MEASUREMENTS ARE ESTIMATED AND CONTRACTOR MUST REVIEW ON SITE BEFORE IMPLEMENTATION
2. ALL UNITS ARE IN METRES UNLESS STATED OTHERWISE.
3. ROAD SAFETY AUDIT HAS IDENTIFIED AREAS OF EXISTING ROAD MARKINGS IN POOR CONDITION. CONTRACTOR/RBC TO REVIEW ON SITE AND REFRESH MARKINGS WHERE REQUIRED

DRAWING No.	REV.
70074500-WSP-D2-DR-HI-0100-16	S5-P1



- PROPOSED PRIMROSE YELLOW LINE MARKINGS
- PROPOSED WHITE LINE MARKING
- EXISTING ROAD MARKINGS
- POTENTIAL WAYFINDER SIGN LOCATION

- NOTES
- DESIGN UNDERTAKEN IN OS BASE, MEASUREMENTS ARE ESTIMATED AND CONTRACTOR MUST REVIEW ON SITE BEFORE IMPLEMENTATION
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 - ROAD SAFETY AUDIT HAS IDENTIFIED AREAS OF EXISTING ROAD MARKINGS IN POOR CONDITION. CONTRACTOR/RBC TO REVIEW ON SITE AND REFRESH MARKINGS WHERE REQUIRED

FOR CONTINUATION REFER TO DWS: 70074500-WSP-D2-DR-HI-0100-16

FOR CONTINUATION REFER TO DWS: 70074500-WSP-D2-DR-HI-0100-18

S5-P1	25.08.2020	JB	FIRST ISSUE	JCH	JN
REV	DATE	BY	DESCRIPTION	CHK	APD

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RBC Active Travel DFT Grant - Tranche 1 (D-G)
Scheme D - OXFORD ROAD - Section 2

TITLE

GENERAL ARRANGEMENT
SHEET 17 OF 25

SCALE @ A1

1:250

DATE

25.08.2020

DESIGNED/DRAWN

JM/JB

CHECKED

JCH

APPROVED

JN

SHEET

A1

JOB No.

70074500

PROJECT No.

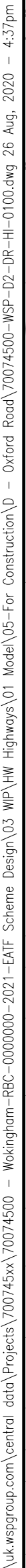
Client No.

DRAWING No.

70074500-WSP-D2-DR-HI-0100-17

REV.

S5-P1



OXFORD ROAD

TSRGD 11.4.28
1215mm HEIGHT

TSRGD 11.4.28
1215mm HEIGHT

WAYFINDING SIGN

BUS STOP

DISABLED

FOR CONTINUATION REFER TO NRC 70074500-WSP-D2-D8-HI-0100-19

- ## NOTES
1. DESIGN UNDERTAKEN IN OS BASE. MEASUREMENTS ARE ESTIMATED AND CONTRACTOR MUST REVIEW ON SITE BEFORE IMPLEMENTATION
 2. ALL UNITS ARE IN METRES UNLESS STATED OTHERWISE.
 3. ROAD SAFETY AUDIT HAS IDENTIFIED AREAS OF EXISTING ROAD MARKINGS IN POOR CONDITION. CONTRACTOR/RBC TO REVIEW ON SITE AND REFRESH MARKINGS WHERE REQUIRED

S5-P1	25.08.2020	JB	FIRST ISSUE	JCH	JN
REV	DATE	BY	DESCRIPTION	CHK	APD

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RBC Active Travel DFT Grant - Tranche 1 (D-G)

Scheme D - OXFORD ROAD - Section 2

TITLE

GENERAL ARRANGEMENT

SHEET 18 OF 25

SCALE @ A1 1:250	DATE 25.08.2020	DESIGN/DRAWN JM/JB	CHECKED JCH	APPROVED JN	SHEET A1
JOB No. 70074500		PROJECT No.		Client No.	

DRAWING No.	REV.
70074500-WSP-D2-DR-HI-0100-18	S5-P1

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PROPOSED PRIMROSE YELLOW LINE MARKINGS

PROPOSED WHITE LINE MARKING

EXISTING ROAD MARKINGS

4SP

POTENTIAL WAYFINDER SIGN LOCATION

NOTES

- DESIGN UNDERTAKEN IN OS BASE, MEASUREMENTS ARE ESTIMATED AND CONTRACTOR MUST REVIEW ON SITE BEFORE IMPLEMENTATION
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S5-P1	25.08.2020	JB	FIRST ISSUE	JCH	JN
REV	DATE	BY	DESCRIPTION	CHK	APD

DRAWING STATUS

FOR CONSTRUCTION

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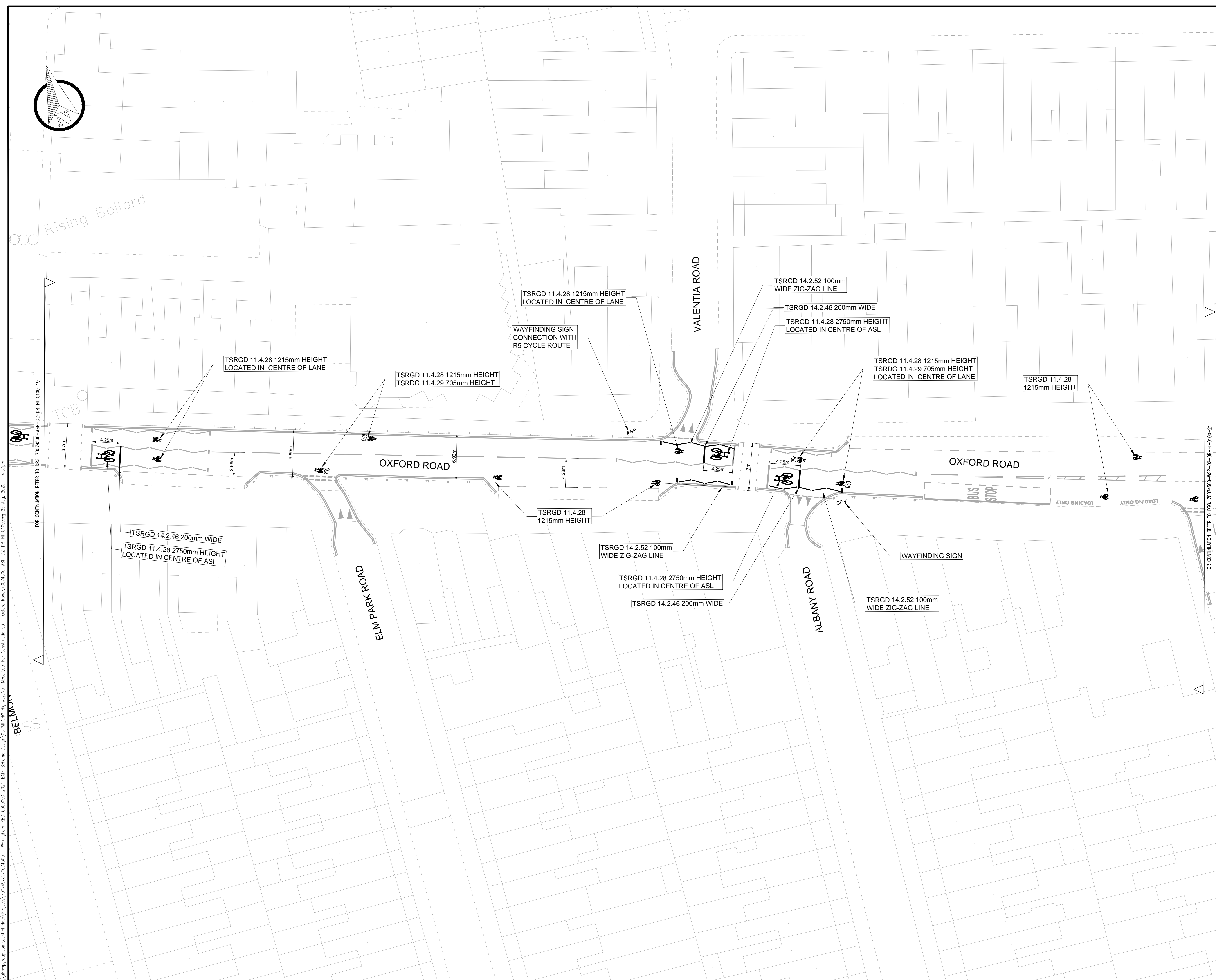
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TITLE

RBC Active Travel DFT Grant - Tranche 1 (D-G)
Scheme D - OXFORD ROAD - Section 2

GENERAL ARRANGEMENT
SHEET 19 OF 25

SCALE @ A1 1:250	DATE 25.08.2020	DESIGN/DRAWN JM/JB	CHECKED JCH	APPROVED JN	SHEET A1
JOB No. 70074500		PROJECT No.		Client No.	
DRAWING No. 70074500-WSP-D2-DR-HI-0100-19					REV. S5-P1



- PROPOSED PRIMROSE YELLOW LINE MARKINGS
- PROPOSED WHITE LINE MARKING
- EXISTING ROAD MARKINGS
- POTENTIAL WAYFINDER SIGN LOCATION

- NOTES
- DESIGN UNDERTAKEN IN OS BASE, MEASUREMENTS ARE ESTIMATED AND CONTRACTOR MUST REVIEW ON SITE BEFORE IMPLEMENTATION
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S5-P1	25.08.2020	JB	FIRST ISSUE	JCH	JN
REV	DATE	BY	DESCRIPTION	CHK	APD

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RBC Active Travel DFT Grant - Tranche 1 (D-G)
Scheme D - OXFORD ROAD - Section 2

TITLE

GENERAL ARRANGEMENT
SHEET 20 OF 25

SCALE @ A1	DATE	DESIGN/DRAWN	CHECKED	APPROVED	SHEET
1:250	25.08.2020	JM/JB	JCH	JN	A1

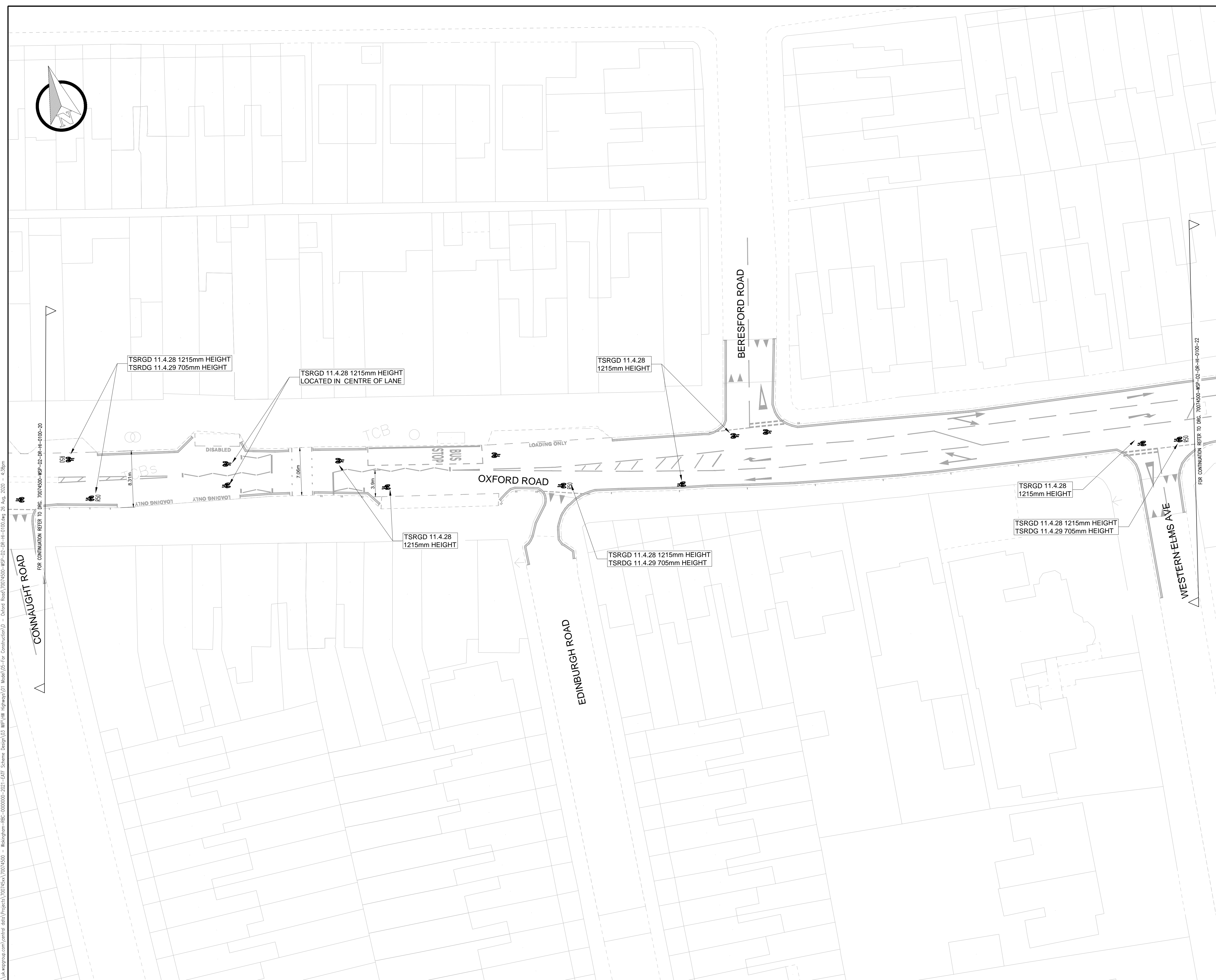
JOB No.	PROJECT No.	Client No.	REV.
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DRAWING No.	
70074500-WSP-D2-DR-HI-0100-20	

S5-P1

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\\uk.wspgroup.com\central_data\Projects\70074500\70074500 - Wokingham-RBC-0000000-2021-EXT Scheme Design\03 WPA\WPA Highways\01 Model\05-For Construction\01 - Oxford Road\70074500-WSP-D2-DR-HI-0100-20.dwg 26 Aug, 2020 - 4:38pm



- PROPOSED PRIMROSE YELLOW LINE MARKINGS
- PROPOSED WHITE LINE MARKING
- EXISTING ROAD MARKINGS
- POTENTIAL WAYFINDER SIGN LOCATION

- NOTES
- DESIGN UNDERTAKEN IN OS BASE, MEASUREMENTS ARE ESTIMATED AND CONTRACTOR MUST REVIEW ON SITE BEFORE IMPLEMENTATION
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REV	DATE	BY	DESCRIPTION	CHK	APD
S5-P1	25.08.2020	JB	FIRST ISSUE	JCH	JN

DRAWING STATUS

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PROJECT

RBC Active Travel DFT Grant - Tranche 1 (D-G)
Scheme D - OXFORD ROAD - Section 2

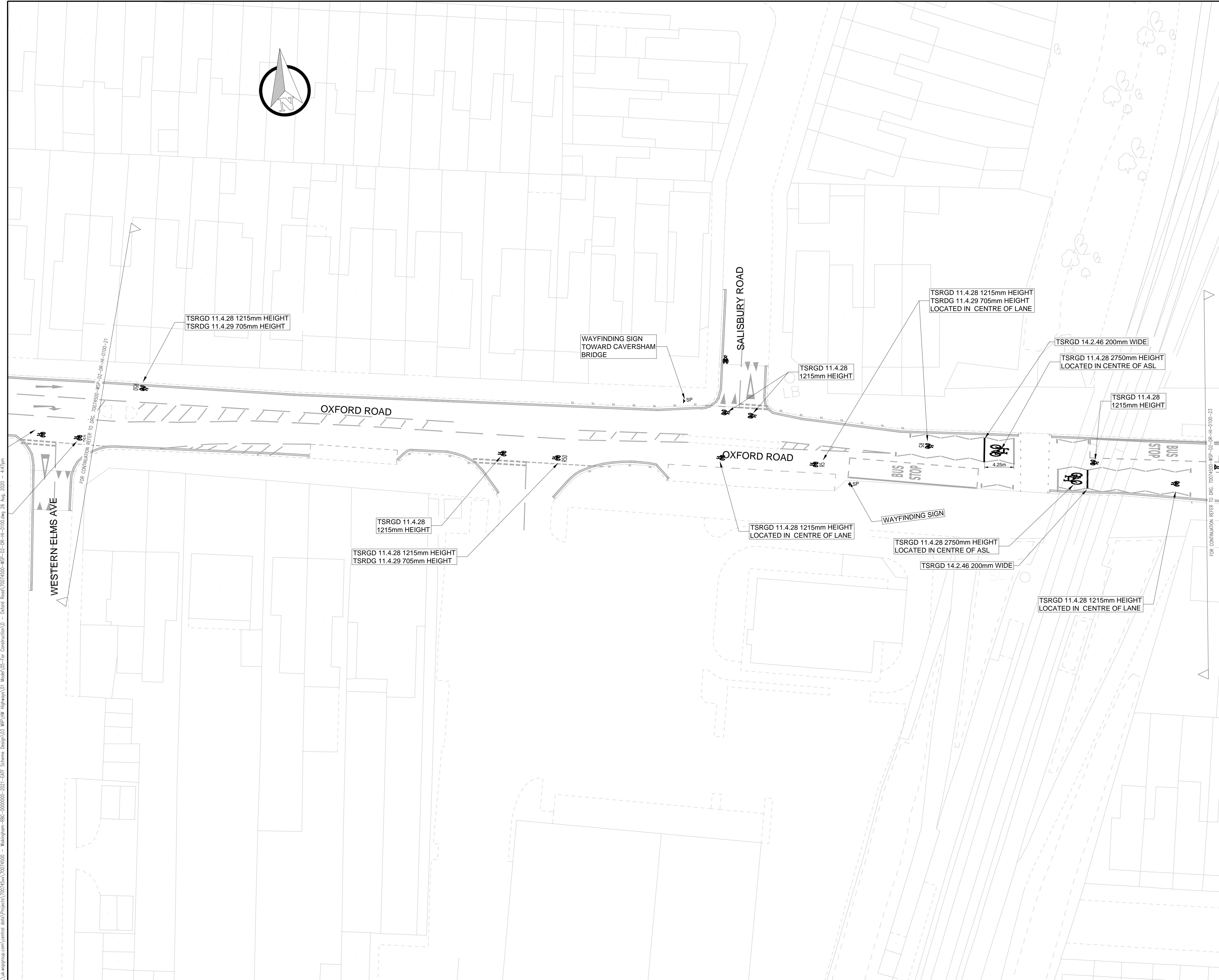
TITLE

GENERAL ARRANGEMENT
SHEET 21 OF 25

SCALE @ A1	DATE	DESIGN/DRAWN	CHECKED	APPROVED	SHEET
1:250	25.08.2020	JM/JB	JCH	JN	A1

JOB No.	PROJECT No.	Client No.	REV.
70074500			

DRAWING No.	
70074500-WSP-D2-DR-HI-0100-21	



PROPOSED PRIMROSE YELLOW LINE MARKINGS

PROPOSED WHITE LINE MARKING

EXISTING ROAD MARKINGS

4 SP

POTENTIAL WAYFINDER SIGN LOCATION

NOTES

1.

DESIGN UNDERTAKEN IN OS BASE, MEASUREMENTS ARE ESTIMATED AND CONTRACTOR MUST REVIEW ON SITE BEFORE IMPLEMENTATION

2.

ALL UNITS ARE IN METRES UNLESS STATED OTHERWISE.

3.

S5-P1	25.08.2020	JB	FIRST ISSUE	JCH	JN
REV	DATE	BY	DESCRIPTION	CHK	APD

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PROJECT

RBC Active Travel DFT Grant - Tranche 1 (D-G)

Scheme D - OXFORD ROAD - Section 2

TITLE

GENERAL ARRANGEMENT

SHEET 22 OF 25

SCALE @ A1

DATE

DESIGNED/DRAWN

CHECKED

APPROVED

SHEET

1:250

25.08.2020

JM/JB

JCH

JN

A1

JOB No.

PROJECT No.

Client No.

70074500

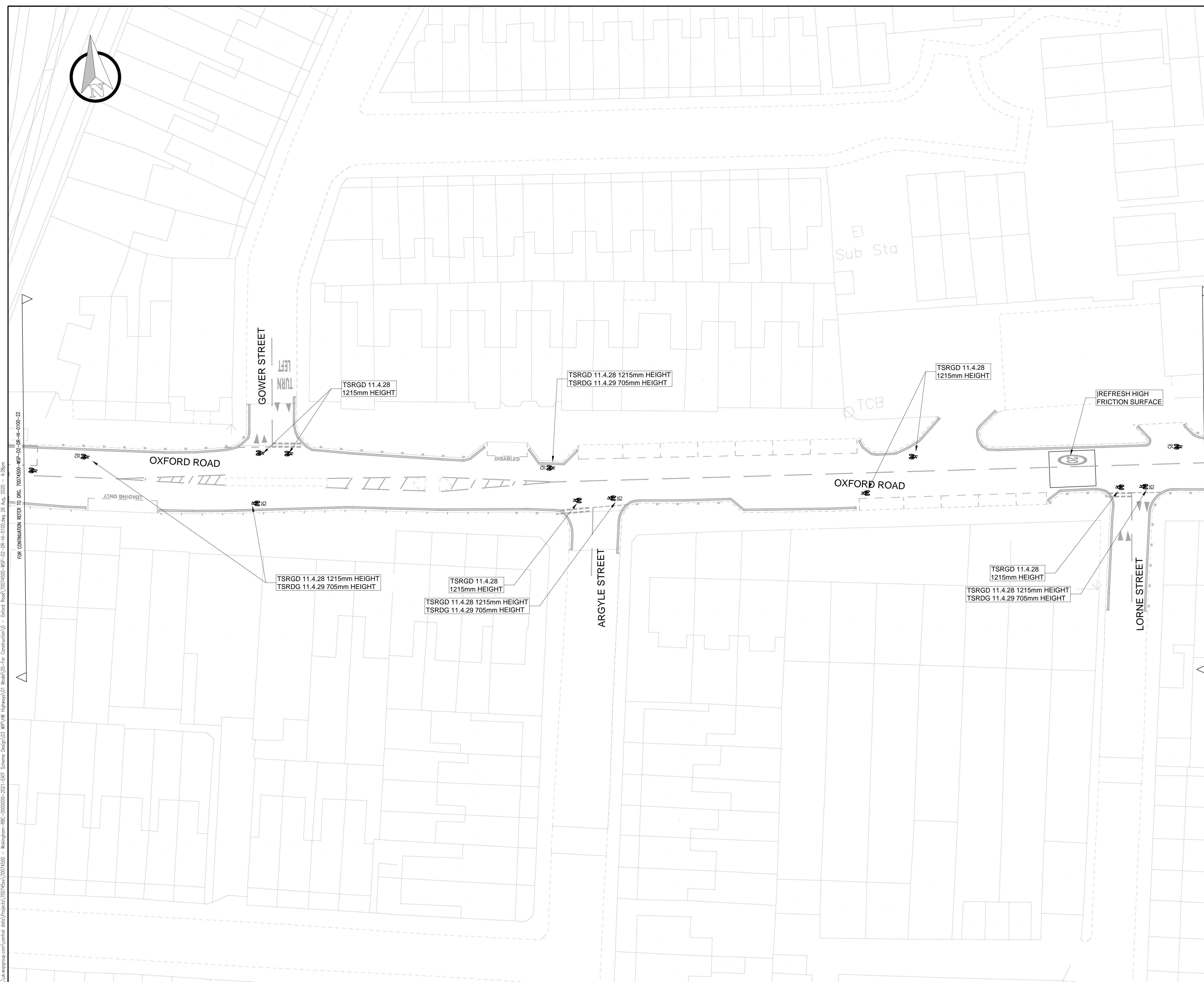
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REV.

70074500-WSP-D2-DR-HI-0100-22

S5-P1

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PROPOSED PRIMROSE YELLOW LINE MARKINGS

PROPOSED WHITE LINE MARKING

EXISTING ROAD MARKINGS

4 SP

POTENTIAL WAYFINDER SIGN LOCATION

- NOTES
- DESIGN UNDERTAKEN IN OS BASE, MEASUREMENTS ARE ESTIMATED AND CONTRACTOR MUST REVIEW ON SITE BEFORE IMPLEMENTATION
 - ALL UNITS ARE IN METRES UNLESS STATED OTHERWISE.
 - ROAD SAFETY AUDIT HAS IDENTIFIED AREAS OF EXISTING ROAD MARKINGS IN POOR CONDITION. CONTRACTOR/RBC TO REVIEW ON SITE AND REFRESH MARKINGS WHERE REQUIRED

S5-P1	25.08.2020	JB	FIRST ISSUE	JCH	JN
REV	DATE	BY	DESCRIPTION	CHK	APD

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RBC Active Travel DFT Grant - Tranche 1 (D-G)
Scheme D - OXFORD ROAD - Section 2

TITLE

GENERAL ARRANGEMENT
SHEET 23 OF 25

SCALE @ A1	DATE	DESIGNED/DRAWN	CHECKED	APPROVED	SHEET
1:250	25.08.2020	JM/JB	JCH	JN	A1

JOB No.	PROJECT No.	Client No.
70074500		

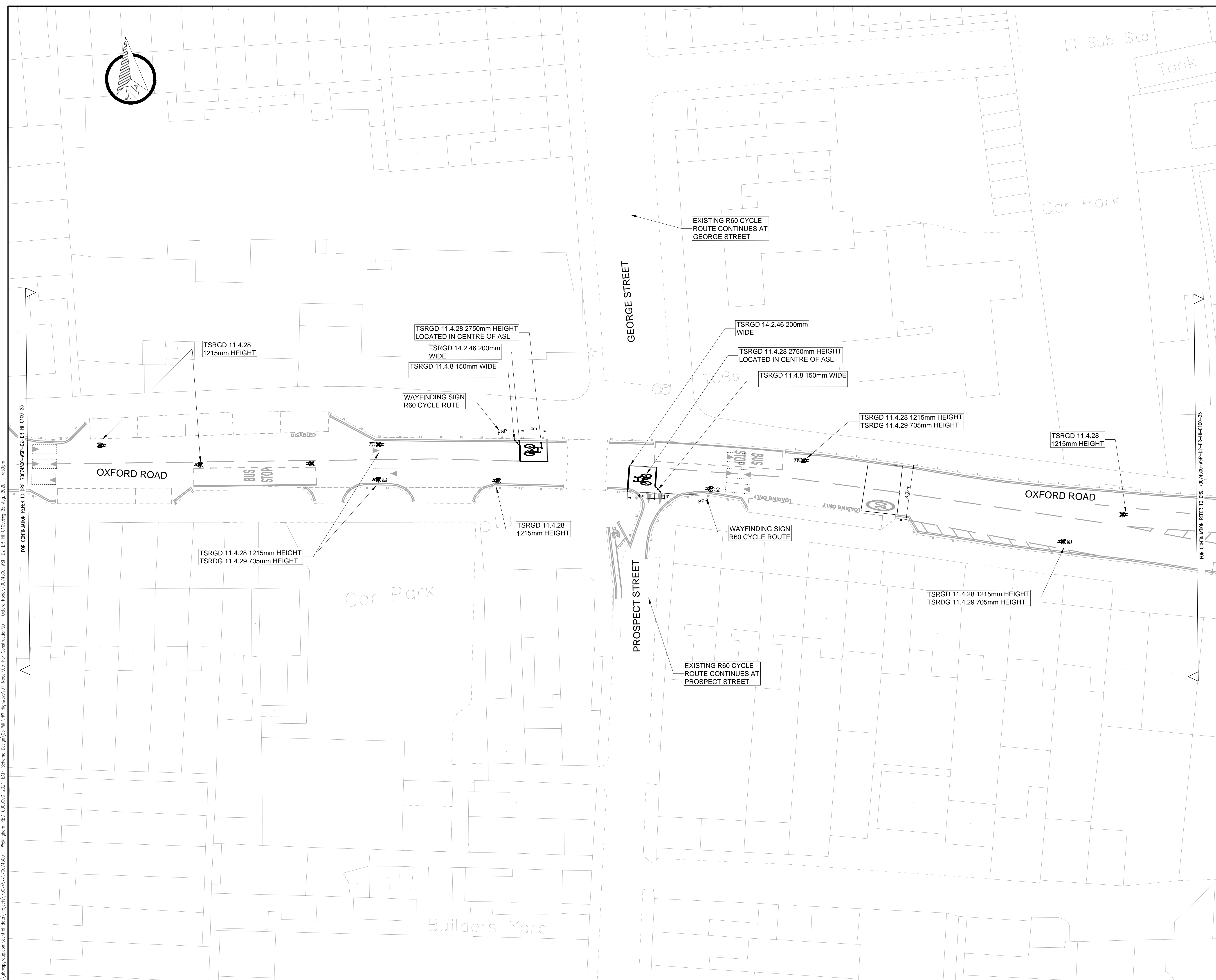
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70074500-WSP-D2-DR-HI-0100-23	S5-P1

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FOR CONTINUATION REFER TO DRG. 70074500-WSP-D2-DR-HI-0100-24

uk.wspgroup.com/central_data/Projects/70074500 - Wokingham-RBC-0000000-2021-EXT Scheme Design (03 WPA) HW Highways (01 Model) (05 For Construction) (0 - Oxford Road) (70074500-WSP-D2-DR-HI-0100-24) 26 Aug, 2020 - 4:38pm

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- PROPOSED PRIMROSE YELLOW LINE MARKINGS
- PROPOSED WHITE LINE MARKING
- EXISTING ROAD MARKINGS
- POTENTIAL WAYFINDER SIGN LOCATION

- NOTES
- DESIGN UNDERTAKEN IN OS BASE, MEASUREMENTS ARE ESTIMATED AND CONTRACTOR MUST REVIEW ON SITE BEFORE IMPLEMENTATION
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 - ROAD SAFETY AUDIT HAS IDENTIFIED AREAS OF EXISTING ROAD MARKINGS IN POOR CONDITION. CONTRACTOR/RBC TO REVIEW ON SITE AND REFRESH MARKINGS WHERE REQUIRED

S5-P1	25.08.2020	JB	FIRST ISSUE	JCH	JN
REV	DATE	BY	DESCRIPTION	CHK	APD

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RBC Active Travel DFT Grant - Tranche 1 (D-G)
Scheme D - OXFORD ROAD - Section 2

Title

GENERAL ARRANGEMENT
SHEET 24 OF 25

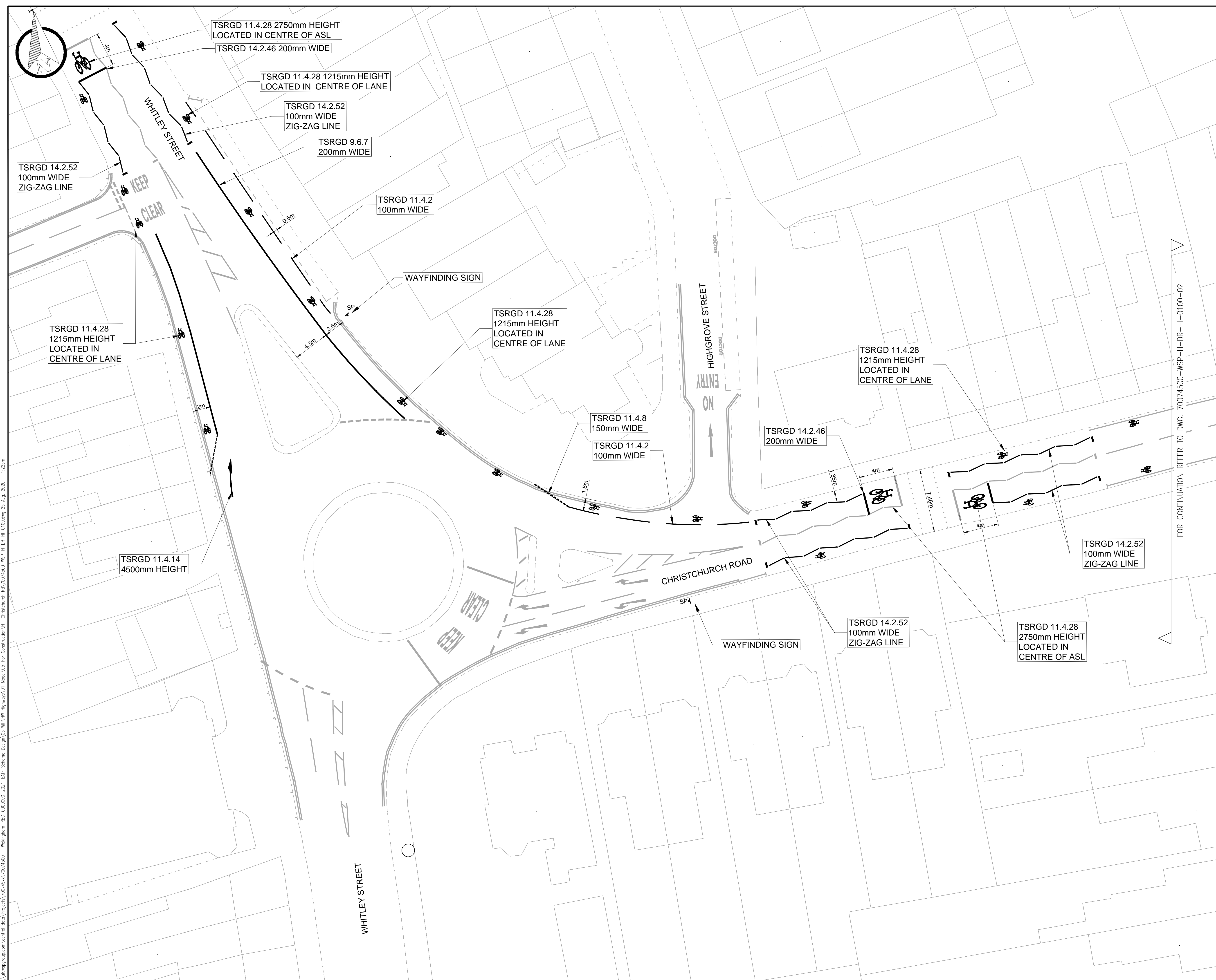
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1:250	25.08.2020	JM/JB	JCH	JN	A1

JOB No.	PROJECT No.	Client No.	REV.
70074500			

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Scheme
4: Christchurch Road
Scheme Summary
Reallocation of road space to create new advisory cycle lanes.
Necessary / Desirable Alterations (scheme-specific)
<p>Short-term</p> <ul style="list-style-type: none"> There is a desire to review the parking bays outside the shops, near to the junction with Northcourt Avenue. Vehicles are not parking parallel to the kerb, so they are protruding into the carriageway and their visibility is compromised when leaving the bays, leading to risks of collision. The implementation of parallel bay markings should resolve the issue and could be considered in a future Waiting Restriction Review programme with 'informal' consultation. <p>Longer-term</p> <ul style="list-style-type: none"> It would be desirable to implement some enhancements to the carriageway edge, which would not typically fall within 'maintenance' of the carriageway. These include investigating gully covers and other elements that would improve the experience for cyclists. Consider options for enhancing this scheme as part of future funding bids and strategies. There are significant space constraints and the limited funding available for this initial implementation only enabled limited facilities to be provided, predominantly in an eastbound direction. Other elements raised in the cover report, applying to all schemes and the ambition for upgrades as part of larger, strategic schemes.
Additional Comments/Background
<p>Usage count over 12hour daytime period in July 2021:</p> <ul style="list-style-type: none"> 93 eastbound <p>Christchurch Road will provide an important link to/from the forthcoming Tranche 2 scheme on Shinfield Road, in addition to linking with the town centre and the retail area.</p> <p>Other general points are raised in the main report.</p>
Officer Recommendation
To be retained as a permanent scheme.



PROPOSED PRIMROSE YELLOW LINE MARKINGS

PROPOSED WHITE LINE MARKING

EXISTING ROAD MARKINGS

SP

PROPOSED SIGN LOCATION

NOTES

1. DESIGN UNDERTAKEN IN OS BASE. MEASUREMENTS ARE ESTIMATED AND CONTRACTOR MUST REVIEW ON SITE BEFORE IMPLEMENTATION

2. ALL UNITS ARE IN METRES UNLESS STATED OTHERWISE

S5-P1	25.08.2020	JB	FIRST ISSUE	JCH	JN
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PROJECT

RBC Active Travel DFT Grant
Scheme H - CHRISTCHURCH ROAD

TITLE

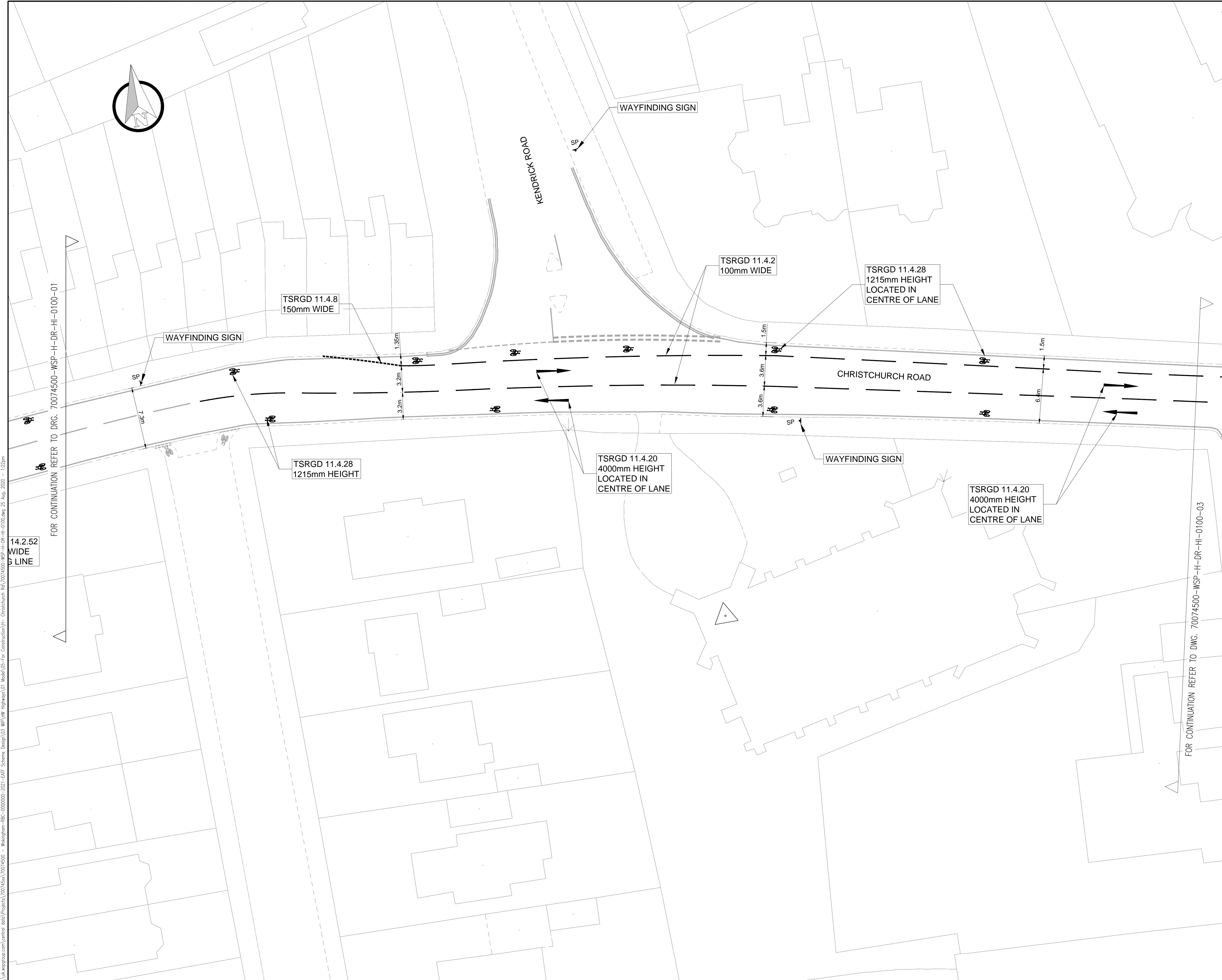
CHRISTCHURCH ROAD
GENERAL ARRANGEMENT
SHEET 01 OF 06

SCALE @ A1	DATE	DESIGN/DRAWN	CHECKED	APPROVED	SHEET
1:200	25.08.2020	JB	JCH	JN	A1
JOB No.	PROJECT No.	Client No.			
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DRAWING No.				REV.	
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FOR CONTINUATION REFER TO DWG. 70074500-WSP-H-DR-HI-0100-03

- PROPOSED PRIMROSE YELLOW LINE MARKINGS
- PROPOSED WHITE LINE MARKING
- EXISTING ROAD MARKINGS
- SP PROPOSED SIGN LOCATION

- NOTES
- DESIGN UNDERTAKEN IN OS BASE. MEASUREMENTS ARE ESTIMATED AND CONTRACTOR MUST REVIEW ON SITE BEFORE IMPLEMENTATION
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RBC Active Travel DFT Grant
Scheme H - CHRISTCHURCH ROAD

TITLE

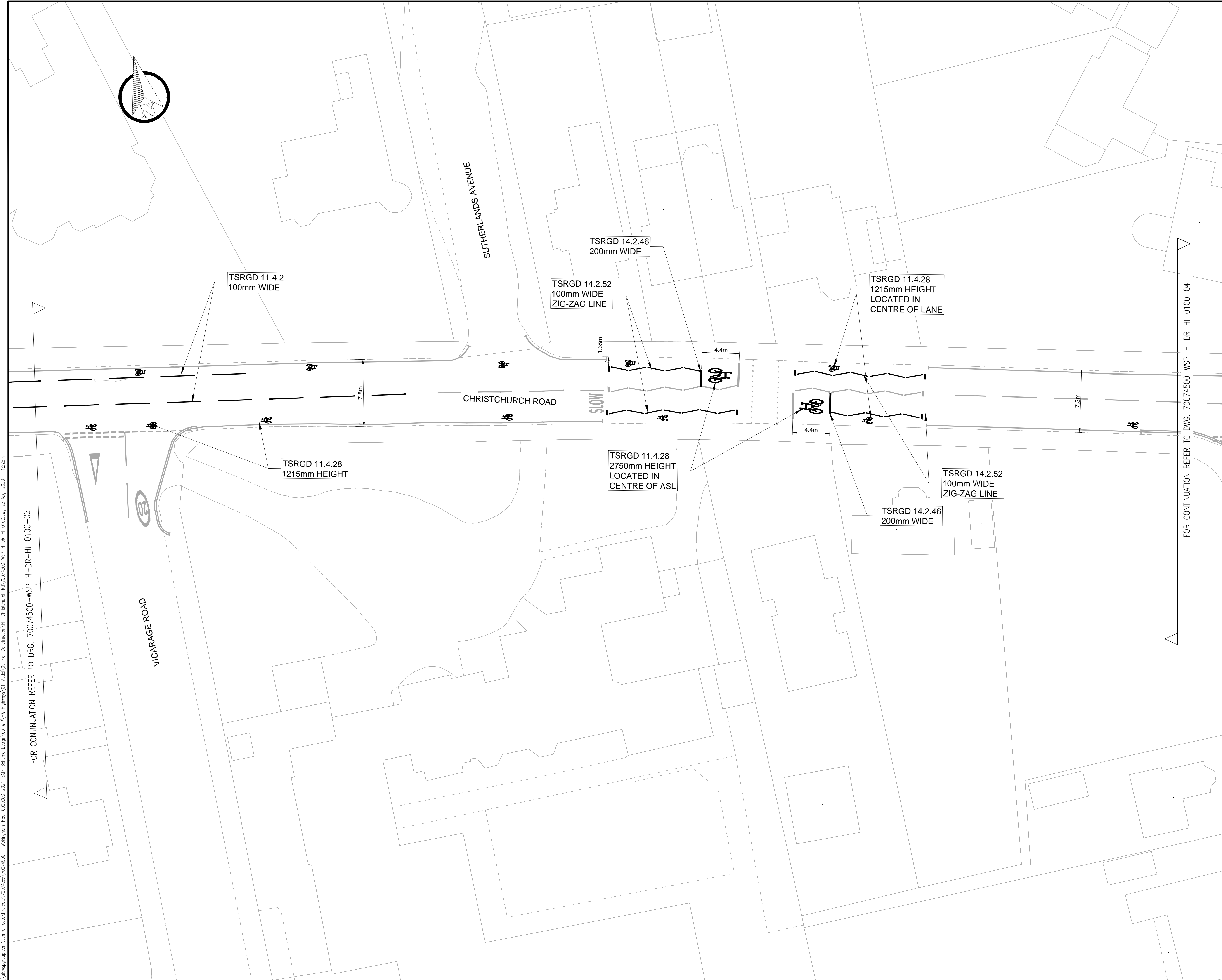
CHRISTCHURCH ROAD
GENERAL ARRANGEMENT
SHEET 01 OF 06

SCALE @ A1	DATE	DESIGN/DRAWN	CHECKED	APPROVED	SHEET
1:200	25.08.2020	JB	JCH	JN	A1

JOB No.	PROJECT No.	Client No.
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DRAWING No.	REV.
70074500-WSP-H-DR-HI-0100-02	S5-P1

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PROPOSED PRIMROSE YELLOW LINE MARKINGS

PROPOSED WHITE LINE MARKING

EXISTING ROAD MARKINGS

4

SP

PROPOSED SIGN LOCATION

NOTES
1. DESIGN UNDERTAKEN IN OS BASE. MEASUREMENTS ARE ESTIMATED AND CONTRACTOR MUST REVIEW ON SITE BEFORE IMPLEMENTATION
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TITLE

CHRISTCHURCH ROAD
GENERAL ARRANGEMENT
SHEET 03 OF 06

SCALE @ A1	DATE	DESIGN/DRAWN	CHECKED	APPROVED	SHEET
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JOB No.	PROJECT No.	Client No.			
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70074500-WSP-H-DR-HI-0100-03				S5-P1	

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PROPOSED PRIMROSE YELLOW LINE MARKINGS

PROPOSED WHITE LINE MARKING

EXISTING ROAD MARKINGS

PROPOSED SIGN LOCATION

NOTES

1.

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PROJECT

RBC Active Travel DFT Grant
Scheme H - CHRISTCHURCH ROAD

TITLE

CHRISTCHURCH ROAD
GENERAL ARRANGEMENT
SHEET 06 OF 06

SCALE @ A1	DATE	DESIGN/DRAWN	CHECKED	APPROVED	SHEET
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JOB No. 70074500	PROJECT No.	Client No.			
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Scheme
5: Redlands Road
Scheme Summary
Introducing cycle logos alongside a separate major scheme that introduced enhancements to the area 20mph scheme that were intended to improve motorist compliance with the speed limit.
Necessary / Desirable Alterations
<p>Longer-term</p> <ul style="list-style-type: none"> Other elements raised in the cover report, applying to all schemes and the ambition for upgrades as part of larger, strategic schemes.
Additional Comments/Background
<p>Please note that there is no specific drawing for the cycle logos. They have, however, been installed along the road at regular intervals and in both directions.</p> <p>Other general points are raised in the main report.</p>
Officer Recommendation
To be retained as a permanent scheme.

Scheme
6: Sidmouth Street
Scheme Summary
Temporary Traffic Regulation Order to create a one-way restriction and removal of one general traffic lane to provide a segregated two-way cycle lane.
Necessary / Desirable Alterations
<p>Subject to agreement for permanent implementation:</p> <p>Short-term</p> <ul style="list-style-type: none"> Installing a permanent feature that replaces the temporary barriered traffic island on the northern end of the street. This will need to ensure compatibility with longer-term linking improvements. Changing traffic signal aspects to reflect the permanent changes (e.g. change of arrows and use of cycle symbols as necessary). <p>Longer-term</p> <ul style="list-style-type: none"> It is highly desirable to deliver a range of improvements to realise greater linking to the surrounding cycle network. These include: <ul style="list-style-type: none"> Improved access onto the share-use facilities along London Road A linking route from the Kennet cycle route to the north, across Queens Road and onto the lane (and by reverse). This will necessitate significant alterations to the signalised junction and feasibility within the space constraints between the Kennet cycle route and Queens Road. Potential improvements pedestrian refuge island (positioning and design) that forms part of the signalised crossing at the southern end of the street. It would be desirable to implement some enhancements to the carriageway edge, which would not typically fall within 'maintenance' of the carriageway. These include investigating gully covers and other elements that would improve the experience for cyclists.
Additional Comments/Background
<p>Usage counts over 12hour daytime period in June 2021:</p> <ul style="list-style-type: none"> At the southern end of the street: 18 northbound and 24 southbound At the northern end of the street: 14 northbound and 20 southbound <p>Unlike other schemes referenced in this report, this scheme in Sidmouth Street requires a Traffic Regulation Order (TRO) to implement. It is currently in place using a Temporary TRO that will end in October 2022. To retain the facility, a statutory consultation on the draft TRO will need to be conducted, feedback considered and, if agreed for implementation, the resultant TRO sealed.</p> <ul style="list-style-type: none"> Feedback <p>A petition was received by the Sub-Committee in March 2021, seeking the removal of the cycle lane. The petition claimed that the facility was unused, unsuitable, increased congestion (also impacting on emergency service vehicle response times) and also noted that it was installed without public consultation. The Council has received similar feedback from other effected persons, adding concerns with the vehicle crossing movements that need to be undertaken at certain locations in</p>

order to access off-street parking places and reporting additional traffic congestion on Eldon Road.

The Council received early comments regarding a perceived lack of linking between this facility and other elements of Reading's cycle network. The previous section indicates some of the alterations that are desirable in order to improve cycle network linking, which would also lead to an increase in use.

- **Strategic importance**

Since the delivery of this temporary scheme, it is becoming an increasingly strategically-significant facility. The Council will soon commence delivery of its Tranche 2 scheme on Shinfield Road. Other options considered and consulted (and still strategically desirable) included a segregated cycle facility along London Road, which could still become a reality as part of future funding bids. Additionally, the Council's recent successful indicative funding for its Bus Service Improvement Plan (BSIP) includes initiatives that will lead to signalised junction improvements and additional bus prioritisation measures (including bus lanes). The improvement plan specifically references sections of the A4 London Road, where new bus lanes are being considered, which would also likely permit cycling and provide a lower-trafficked lane for this use.

Officer Recommendation

That the required Traffic Regulation Order be drafted and proceed to statutory consultation. Should any objections be received, these will be reported to the Sub-Committee in September 2022 for a decision on whether the scheme be permanently implemented, or removed.

Should the scheme be agreed for permanent implementation, following the Sub-Committee meeting in September 2022, investigations will be commissioned for network linking opportunities (as above), subject to funding availability.

Active Travel Scheme: Sidmouth Street

Southbond lane to be closed to vehicles, allowing cycles to travel between Queens Road and London Street (two way)

Only cycles can turn left into Sidmouth St from Queens Road. Barrier in place to prevent vehicle access

Two way cycle symbols and solid white line used along the route, along with physical segregation measures

Additional lining and bollards to be installed near car park entrances

Cyclists have priority over the junction with south street (no change to priority at this junction)

Additional lining and bollards to be installed near car park entrances

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CAD Drawing Location:

Active Travel Scheme: Sidmouth Street

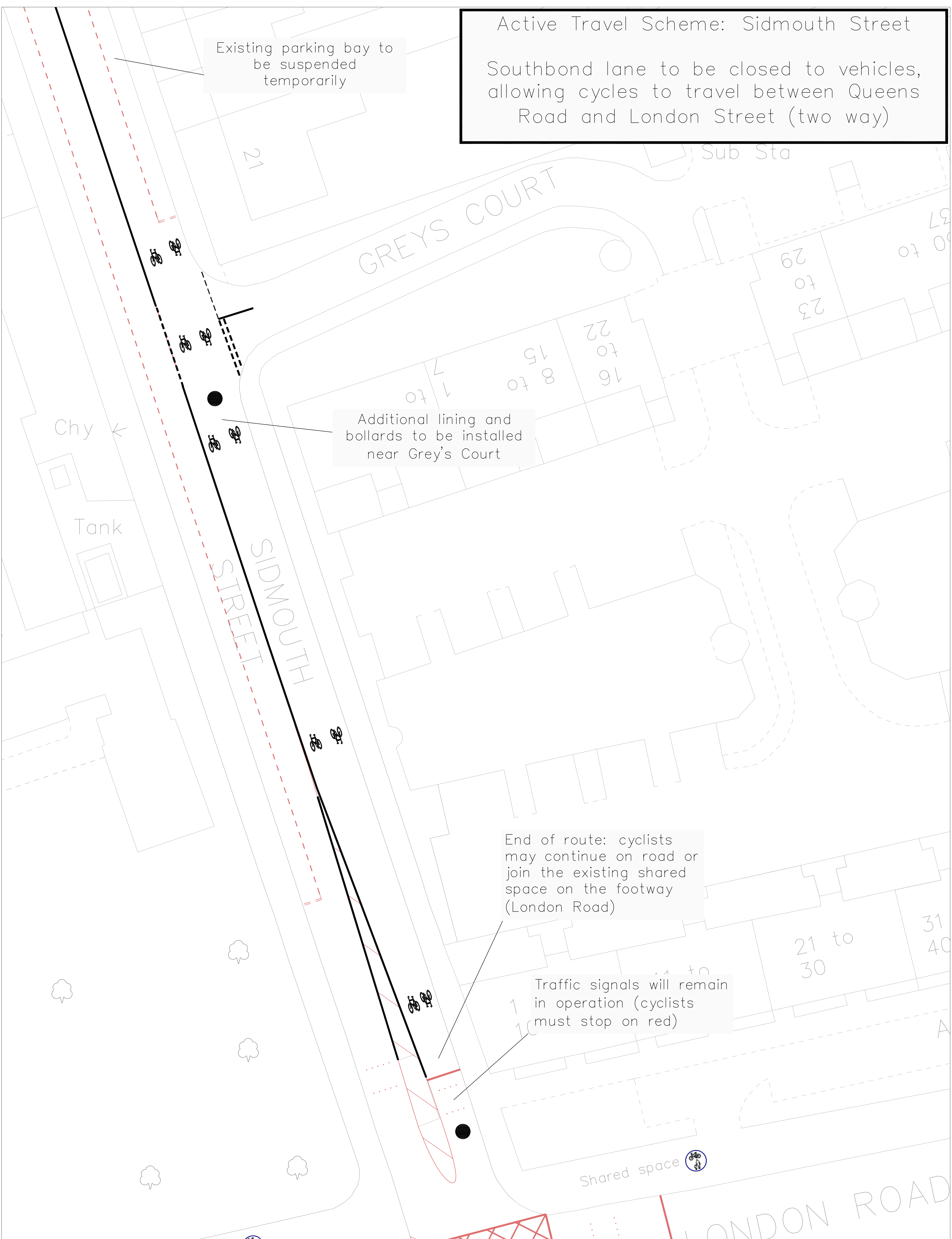
Southbond lane to be closed to vehicles, allowing cycles to travel between Queens Road and London Street (two way)

Existing parking bay to be suspended temporarily

Additional lining and bollards to be installed near Grey's Court

End of route: cyclists may continue on road or join the existing shared space on the footway (London Road)

Traffic signals will remain in operation (cyclists must stop on red)



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CAD Drawing Location:		
Scale	Drawn JT	Checked JC
NTS	Approved JP	
	Date July 2020	
Drawing no.		
Sidmouth St – cycle facility		