



**'ROAD TRAFFIC REGULATION ACT 1984 – SECTIONS 64 AND 65  
AUTHORISATION OF TRAFFIC SIGNS AND SPECIAL DIRECTIONS**

The Secretary of State for Transport, in exercise of his powers under Sections 64 and 65 of the Road Traffic Regulation Act 1984, and of all other powers enabling him in that behalf, for the purpose of informing drivers of a guided busway between Ashton Vale and Temple Meads in Bristol, hereby:-

1. authorises the placing at or within 5 metres of the sites referenced "M15" on the attached set of plans numbered GT50/015/0026-1 of a traffic sign consisting of a road marking (hereinafter referred to as "the authorised marking A") conforming as to size, colour and character with the marking shown on the attached drawing numbered GT50/015/0026-2; and
2. authorises the placing at or within 5 metres of the sites referenced "M18" on the said set of plans of a traffic sign consisting of a road marking (hereinafter referred to as "the authorised marking B") conforming as to size, colour and character with the marking shown on the attached drawing numbered GT50/015/0026-3; and
3. authorises the placing at or within 5 metres of the sites referenced "M20A" on the said set of plans of a traffic sign consisting of a road marking (hereinafter referred to as "the authorised marking C") conforming as to size, colour and character with the marking shown on the attached drawing numbered GT50/015/0026-4; and
4. authorises the placing at or within 5 metres of the sites referenced "M20B" on the said set of plans of a traffic sign consisting of a road marking (hereinafter referred to as "the authorised marking D") conforming as to size, colour and character with the marking shown on the attached drawing numbered GT50/015/0026-5; and
5. authorises the erection at or within 5 metres of the sites referenced "S3" on the said set of plans of a sign consisting of a plate (hereinafter referred to as "the authorised plate A") conforming as to size, colour and character with the plate shown on the attached drawing numbered GT50/015/0026-6; and



6. authorises the erection at or within 5 metres of the sites referenced "S4" on the said set of plans of a sign consisting of a plate (hereinafter referred to as "the authorised plate B") conforming as to size, colour and character with the plate shown on the attached drawing numbered GT50/015/0026-7; and
7. authorises the erection at or within 5 metres of the sites referenced "S9" on the said set of plans of a sign consisting of a plate (hereinafter referred to as "the authorised plate C") conforming as to size, colour and character with the plate shown on the attached drawing numbered GT50/015/0026-8; and
8. authorises the erection at or within 5 metres of the sites referenced "S16" on the said set of plans of a sign consisting of a plate (hereinafter referred to as "the authorised plate D") conforming as to size, colour and character with the plate shown on the attached drawing numbered GT50/015/0026-9; and
9. directs that the authorised plate A shall be used with the sign to diagram 616 in Schedule 3, Part 2, Item 10 of the Traffic Signs Regulations 2016 (Part 1 of S.I. 2012/362, "the 2016 Regulations"); and
10. directs that the authorised plate B shall be used with the sign to diagram 562 in Schedule 2, Part 2, Item 56 of the 2016 Regulations; and
11. directs that the authorised plates C and D shall be used with the sign to diagram 619 in Schedule 3, Part 2, Item 12 of the 2016 Regulations; and
12. directs, without prejudice to any statutory provision to the like effect, that it is a condition of this authorisation that the erection of the authorised markings A-D and the authorised plates A-D shall continue to have effect only until such day as may be appointed by one month's notice given by the Secretary of State in writing to the traffic authority for the removal or alteration of the authorised markings A-D and the authorised plates A-D and on that day the said authorisation shall, without prejudice to the giving of any further authorisation or direction, cease to have effect.



The provisions of Regulations 7 and 8 of the 2016 Regulations shall apply to the authorised markings A-D in the same manner as they apply to the road marking shown in diagram 1048.5 in Schedule 9, Part 6, Item 15 of those Regulations.

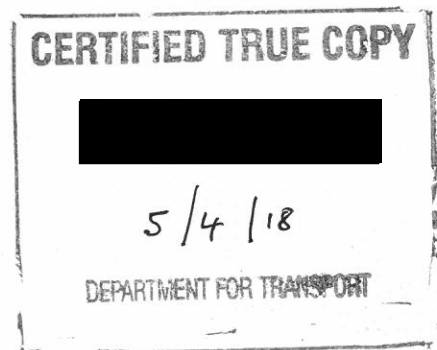
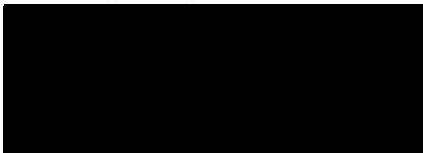
The provisions of Regulations 7 and 8 of the 2016 Regulations shall apply to the authorised plate A in the same manner as they apply to the plate described in Schedule 3, Part 2, Item 10(5) of those Regulations.

The provisions of Regulations 7 and 8 of the 2016 Regulations shall apply to the authorised plate B in the same manner as they apply to the plate described in Schedule 2, Part 2, Item 56(4) of those Regulations.

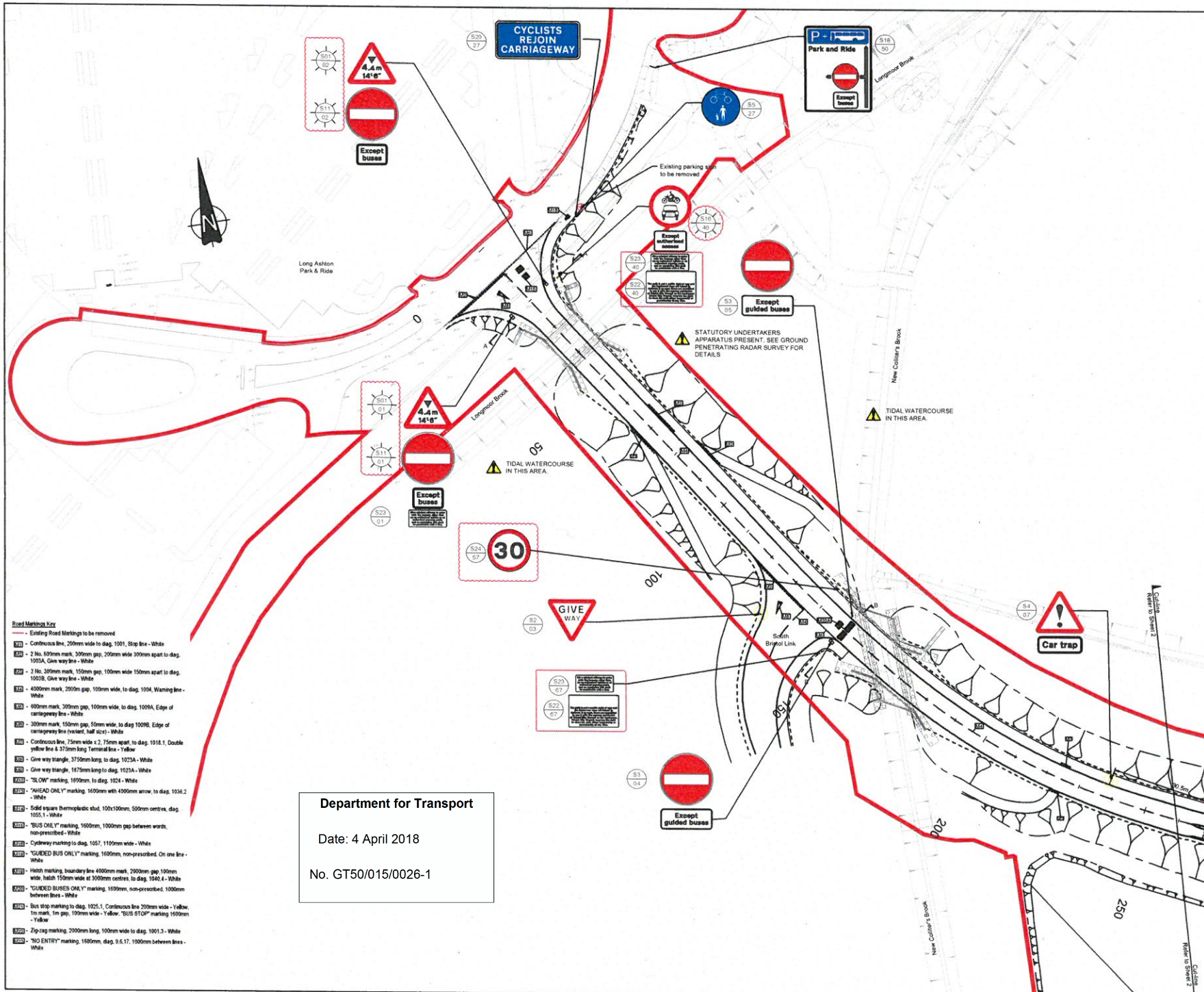
The provisions of Regulations 7 and 8 of the 2016 Regulations shall apply to the authorised plates C and D in the same manner as they apply to the plate described in Schedule 3, Part 2, Item 12(5) of those Regulations.

Dated 4<sup>th</sup> April ..... 2018

Signed by authority of the Secretary of State



.....  
A Delegated Official of the Department for Transport



**Key Plan:**

Sheet 1

**General notes:**

- All dimensions are in millimetres unless otherwise stated. All levels are in metres above Ordnance Datum (AOD) Newlyn
- Do not scale from drawing

**Notes:**

- All traffic signs and road markings to be in accordance with TSRGD 2019
- Sign locations to be confirmed by on site engineering prior to installation
- Based on Parsons Brinckerhoff drawing 287587A+HE-1200-001 Revision P3

**Key:**

**Signing Key**

- S1 01 Sign Reference
- S1 01 Sign Location Number
- S14 Illuminated Sign Reference
- S39 Illuminated Sign Location Number

See sign schedules 287587A+HE-1200-S1 to S24

- Traffic sign and post to be removed to tip

Rev	By	Check	Appr	Date	Description
1	AK	GT	WA	19/01/19	B17 removed from location 7
2	GT	JA	WA	23/03/19	M11 and M17 removed

Client

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Project

BRISTOL METROBUS:  
ASHTON VALE TO TEMPLE MEADS

Drawing

TRAFFIC SIGNS AND  
ROAD MARKINGS  
SHEET 1 OF 10

Drawn by: A. KERRY Date: 27/11/2017  
Checked by: I. ASTBURY Date: 28/11/2017  
Approved by: I. ASTBURY Date: 28/11/2017

Drawing No: 658232.AA.00.01-1200-101 Revision: 2

Scale: 1:1000 @ A3

- Road Markings Key**
- Existing Road Markings to be removed
  - S21 - Continuous line, 200mm wide to diag, 1001, Stop line - White
  - S22 - 2 No. 60mm mark, 300mm gap, 200mm wide 300mm apart to diag, 1003A, Give way line - White
  - S23 - 2 No. 300mm mark, 150mm gap, 100mm wide 150mm apart to diag, 1023B, Give way line - White
  - S24 - 400mm mark, 200mm gap, 100mm wide, to diag, 1004, Warning line - White
  - S25 - 600mm mark, 300mm gap, 100mm wide, to diag, 1009A, Edge of carriageway line - White
  - S26 - 300mm mark, 150mm gap, 50mm wide, to diag 1009B, Edge of carriageway line (traced, half size) - White
  - S27 - Continuous line, 75mm wide x 2.75mm apart, to diag, 1018.1, Double yellow line & 375mm long Terminal line - Yellow
  - S28 - Give way triangle, 375mm long, to diag, 1023A - White
  - S29 - Give way triangle, 1675mm long to diag, 1023A - White
  - S30 - "SLOW" marking, 1690mm to diag, 1024 - White
  - S31 - "AHEAD ONLY" marking, 1600mm with 4000mm arrow, to diag, 1036.2 - White
  - S32 - Solid square thermoplastic stud, 100x100mm, 500mm centres, diag, 1055.1 - White
  - S33 - "BUS ONLY" marking, 1600mm, 1000mm gap between words, non-prescribed - White
  - S34 - Cycleway marking to diag, 1057, 1100mm wide - White
  - S35 - "GUIDED BUS ONLY" marking, 1600mm, non-prescribed. On one line - White
  - S36 - Hatch marking, boundary line 4000mm mark, 2000mm gap 100mm wide, hatch 150mm wide at 3000mm centres, to diag, 1040.4 - White
  - S37 - "GUIDED BUSES ONLY" marking, 1600mm, non-prescribed, 1000mm between lines - White
  - S38 - Bus stop marking to diag, 1025.1, Continuous line 200mm wide - Yellow, to mark, 1m gap, 100mm wide - Yellow, "BUS STOP" marking 1600mm - Yellow
  - S39 - Zig-zag marking, 2000mm long, 100mm wide to diag, 1001.3 - White
  - S40 - "NO ENTRY" marking, 1600mm, diag, 9.5.17, 1000mm between lines - White

Department for Transport  
Date: 4 April 2018  
No. GT50/015/0026-1

- Road Markings Key**
- Existing Road Markings to be removed
  - Continuous line, 200mm wide to diag. 1001, Slip line - White
  - S20 - 2 No. 600mm mark, 300mm gap, 200mm wide 300mm apart to diag. 1003A, Give way line - White
  - S21 - 2 No. 300mm mark, 150mm gap, 100mm wide 150mm apart to diag. 1003B, Give way line - White
  - S22 - 400mm mark, 200mm gap, 100mm wide, to diag. 1004, Warning line - White
  - S23 - 600mm mark, 300mm gap, 100mm wide, to diag. 1009A, Edge of carriageway line - White
  - S24 - 300mm mark, 150mm gap, 50mm wide, to diag. 1009B, Edge of carriageway line central, half way - White
  - S25 - Continuous line, 75mm wide x 2, 75mm apart, to diag. 1011.1, Double yellow line & 375mm long Terminal line - Yellow
  - S26 - Give way triangle, 3750mm long, to diag. 1023A - White
  - S27 - Give way triangle, 1875mm long to diag. 1023A - White
  - S28 - "SLOW" marking, 1600mm, to diag. 1024 - White
  - S29 - "AHEAD ONLY" marking, 1600mm with 4000mm arrow, to diag. 1038.2 - White
  - S30 - Solid square thermoplastic stud, 100x100mm, 500mm centres, diag. 1055.1 - White
  - S31 - "BUS ONLY" marking, 1600mm, 1000mm gap between words, non-prescribed - White
  - S32 - Cycleway marking to diag. 1057, 1100mm wide - White
  - S33 - "GUIDED BUS ONLY" marking, 1600mm, non-prescribed. On one line - White
  - S34 - Hatch marking, boundary line 4000mm mark, 2000mm gap, 100mm wide, hatch 150mm wide at 3000mm centres, to diag. 1040.4 - White
  - S35 - "GUIDED BUSES ONLY" marking, 1600mm, non-prescribed, 1000mm between lines - White
  - S36 - Bus stop marking to diag. 1025.1, Continuous line 500mm wide - Yellow, 100mm mark, 1m gap, 100mm wide - Yellow, "BUS STOP" marking 1600mm - Yellow
  - S37 - Zig-zag marking, 2000mm long, 100mm wide to diag. 1001.3 - White
  - S38 - "NO ENTRY" marking, 1600mm, diag. 9.4.17, 1000mm between lines - White



- General notes:**
- All dimensions are in millimetres unless otherwise stated. All levels are in metres above Ordnance Datum (mAOD) Newlyn
  - Do not scale from drawing.

- Notes:**
- All traffic signs and road markings to be in accordance with TSRGD 2016
  - Sign locations to be confirmed by on site engineering prior to installation
  - Based on Parsons Brinckerhoff drawing 287567A-HHE-1200-002 Revision P3

- Key:**
- Signing Key:**
- S1 Sign Reference
  - S1 Sign Location Number
  - S1A Illuminated Sign Reference
  - S1A Illuminated Sign Location Number
- See sign schedules, 287567A-HHE-1200-S1 to S24
- ⊗ Traffic sign and post to be removed to tip

Rev	By	Check	App'd	Date	Description
1	AK	CL	JA	20/05/18	B17 removed from location #1, #2 & #3
2	GT	JA	JA	20/05/18	M11 and M17 removed

Client:

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Project: **BRISTOL METROBUS: ASHTON VALE TO TEMPLE MEADS**

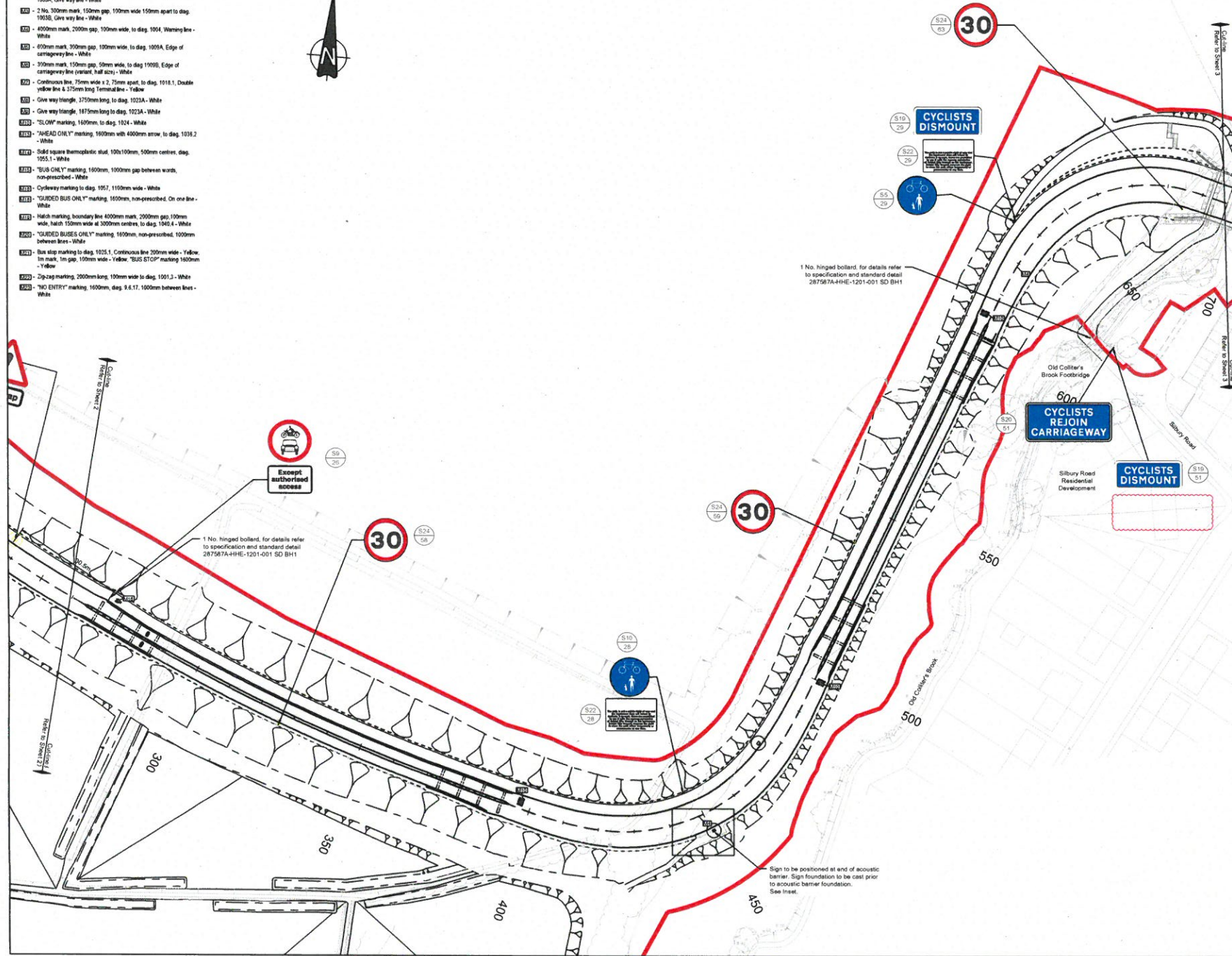
Drawing: **TRAFFIC SIGNS AND ROAD MARKINGS SHEET 2 OF 10**

Drawn by: G. THOMAS	Draw: 27/11/2017
Checked by: I. ASTBURY	Draw: 28/11/2017
Approved by: I. ASTBURY	Draw: 28/11/2017

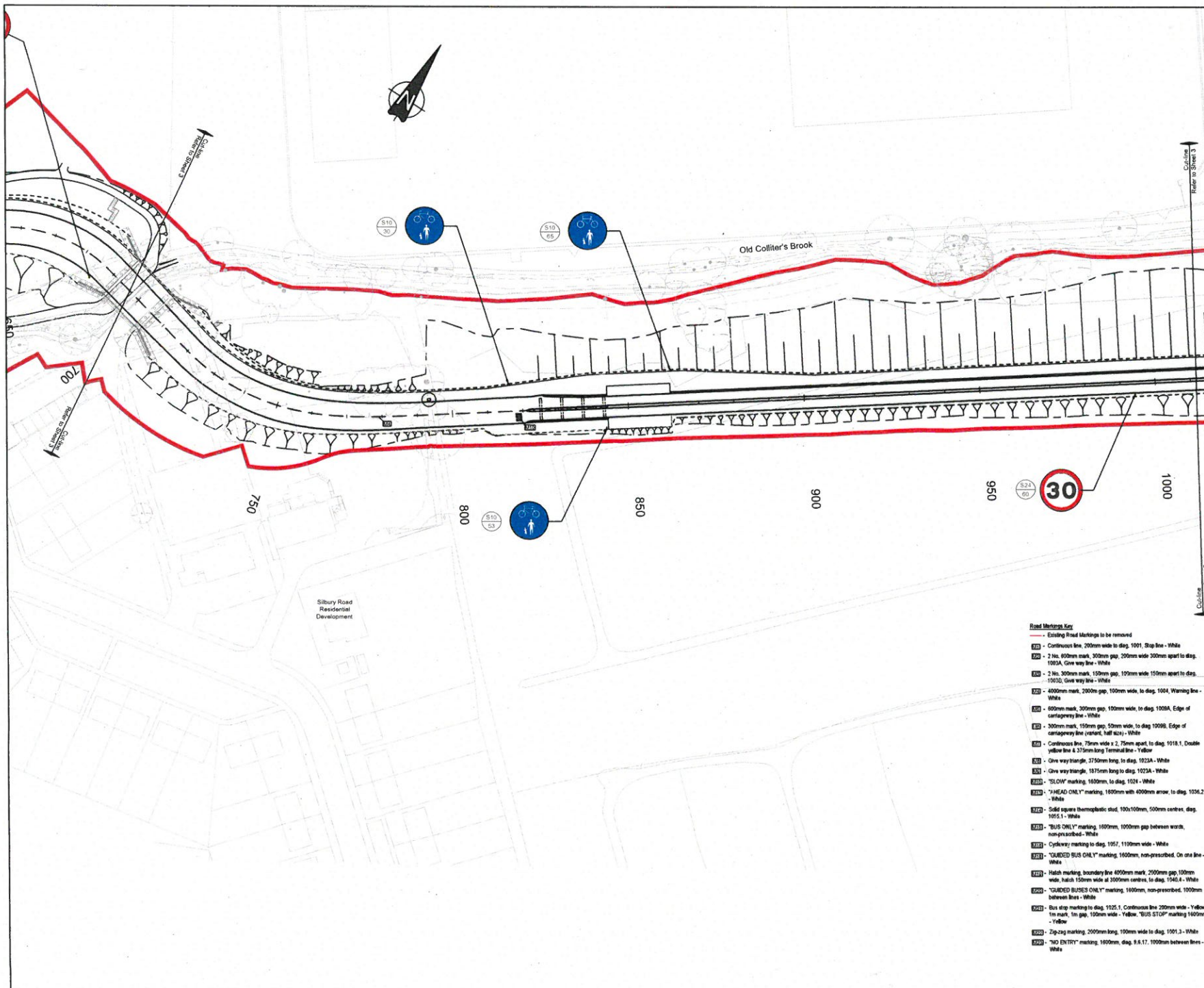
Drawing No: 658232.AA.00.01-1200-102

Revision: 2

Scale: 1:500@A3



Drawing File: C:\Users\gthomas\Documents\ch2m\658232.AA.00.01-1200-102\658232.AA.00.01-1200-102.dwg  
 User: gthomas Date: 28/11/2017 11:31:31 AM Plot Date: 28/11/2017 11:31:31 AM Plot Scale: 1:500



**Key Plan:**

**General notes:**

- All dimensions are in millimetres unless otherwise stated. All levels are in metres above Ordnance Datum (mAOD) Newlyn.
- Do not scale from drawing.

**Notes:**

- All traffic signs and road markings to be in accordance with TSRGD 2016.
- Sign locations to be confirmed by on site engineering prior to installation.
- Based on Parsons Brinkerhoff drawing 287587A-HHE-1200-003 Revision P3.

**Key:**

**Signs Key:**

- S1 Sign Reference
- 01 Sign Location Number
- S1A Illuminated Sign Reference
- 30 Illuminated Sign Location Number

See sign schedules, 287587A-HHE-1200-S1 to S24

- Traffic sign and post to be removed to tip

Ref	Sign	Client Ref	Date	Description
1	AK	CT	20/12/16	S17 received from location 44
2	CT	AK	20/12/16	M11 and M17 removed

Client:

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Project: BRISTOL METROBUS: ASHTON VALE TO TEMPLE MEADS

Drawing: TRAFFIC SIGNS AND ROAD MARKINGS SHEET 3 OF 10

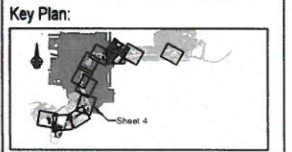
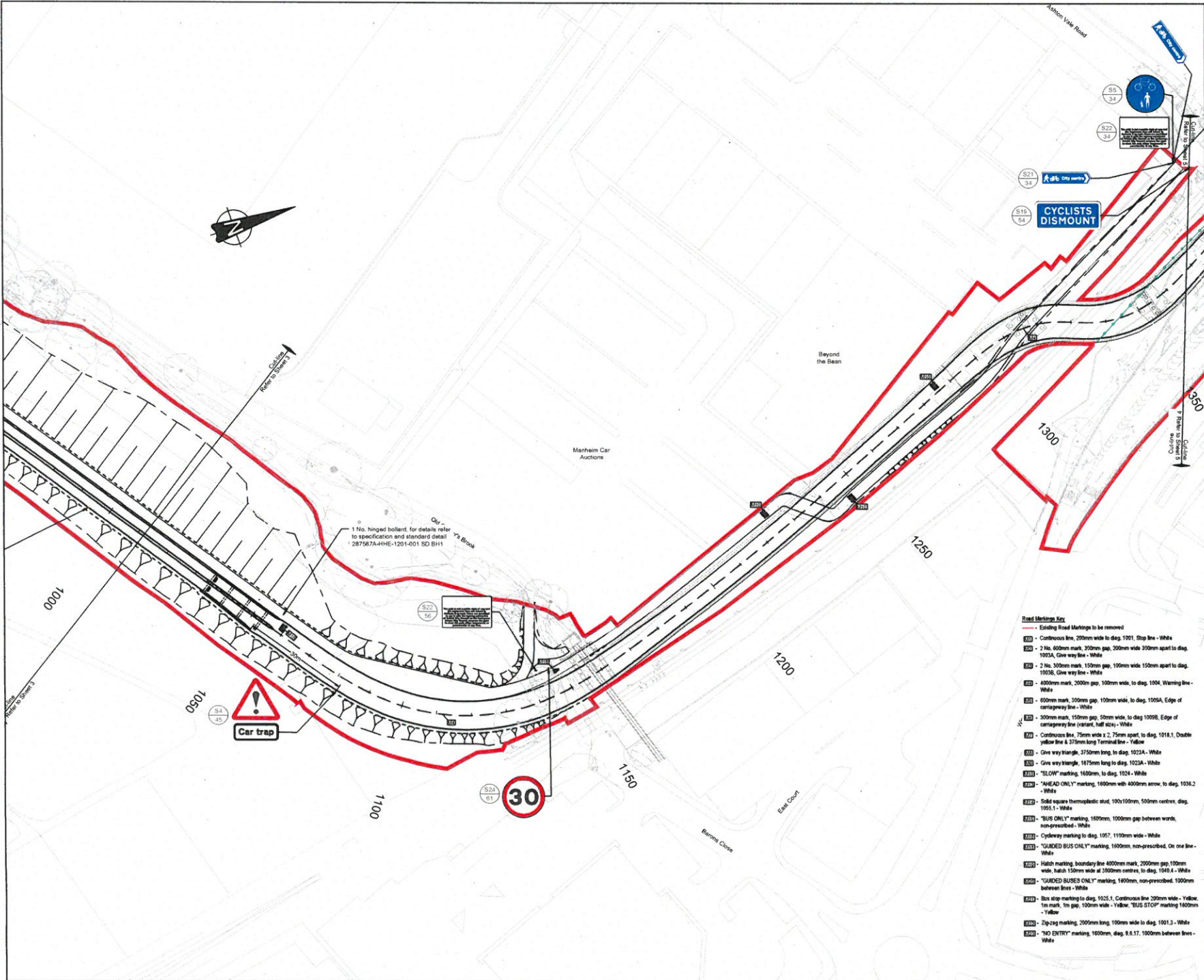
Drawn by: G. THOMAS Date: 20/11/2017  
Checked by: J. ASTBURY Date: 20/11/2017  
Approved by: J. ASTBURY Date: 20/11/2017

Drawing No: 658232.AA.00.01-1200-103 Revision: 2

Scale: 1:1000 @ A3

- Road Markings Key**
- Existing Road Markings to be removed
  - Continuous line, 200mm wide to diag, 1001, Slip line - White
  - 2 No. 600mm mark, 300mm gap, 200mm wide 300mm apart to diag, 1003A, One way line - White
  - 2 No. 300mm mark, 150mm gap, 100mm wide 150mm apart to diag, 1003D, One way line - White
  - 4000mm mark, 2000mm gap, 100mm wide, to diag, 1004, Warning line - White
  - 600mm mark, 300mm gap, 100mm wide, to diag, 1005A, Edge of cartway line - White
  - 300mm mark, 150mm gap, 50mm wide, to diag, 1009B, Edge of cartway line (variant, half size) - White
  - Continuous line, 75mm wide x 2, 75mm apart, to diag, 1018.1, Double yellow line & 375mm long Terminal line - Yellow
  - One way triangle, 375mm long, to diag, 1023A - White
  - One way triangle, 1075mm long to diag, 1023A - White
  - TS/CHP marking, 1600mm, to diag, 1024 - White
  - "HEAD ONLY" marking, 1600mm with 4000mm arrow, to diag, 1036.2 - White
  - Solid square hemispheric stud, 100/100mm, 500mm centres, diag, 1051.1 - White
  - "BUS ONLY" marking, 1600mm, 1000mm gap between words, non-prescribed - White
  - Cyrlkwy marking to diag, 1057, 1100mm wide - White
  - "LOADED BUS ONLY" marking, 1600mm, non-prescribed, On one line - White
  - Hatch marking boundary line 4000mm mark, 2000mm gap, 100mm wide, hatch 150mm wide at 300mm centres, to diag, 1040.4 - White
  - "LOADED BUSES ONLY" marking, 1600mm, non-prescribed, 1000mm between lines - White
  - Bus stop marking to diag, 1025.1, Continuous line 200mm wide - Yellow, 1m mark, 1m gap, 100mm wide - Yellow, "BUS STOP" marking 1600mm - Yellow
  - Zig-zag marking, 2000mm long, 100mm wide to diag, 1001.3 - White
  - "NO ENTRY" marking, 1600mm, diag, 8.6.17, 1000mm between lines - White

Drawing No: 658232.AA.00.01-1200-103  
 Title: TRAFFIC SIGNS AND ROAD MARKINGS SHEET 3 OF 10  
 Date: 20/11/2017  
 Scale: 1:1000 @ A3  
 Project: BRISTOL METROBUS: ASHTON VALE TO TEMPLE MEADS  
 Client: ch2m



**General notes:**

1. All dimensions are in millimetres unless otherwise stated. All levels are in metres above Ordnance Datum (mAOD) Newlyn
2. Do not scale from drawing

**Notes:**

1. All traffic signs and road markings to be in accordance with TSRGD 2016
2. Sign locations to be confirmed by on site engineering prior to installation
3. Based on Parsons Brinkerhoff drawing 287587A-HHE-1200-004 Revision P3

**Key:**

**Signing Key:**

- S1 Sign Reference
- 01 Sign Location Number
- S14 Illuminated Sign Reference
- 39 Illuminated Sign Location Number

See sign schedules: 287587A-HHE-1200-S1 to S24

- ⊗ Traffic sign and post to be removed to tip

Rev	By	Check	Approved	Date	Description

Client

One Kingsway  
First Floor  
Cardiff, CF10 3AN

**ch2m**

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www.ch2m.com

Project

BRISTOL METROBUS:  
ASHTON VALE TO TEMPLE MEADS

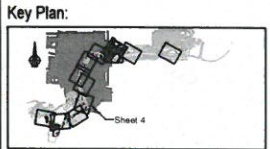
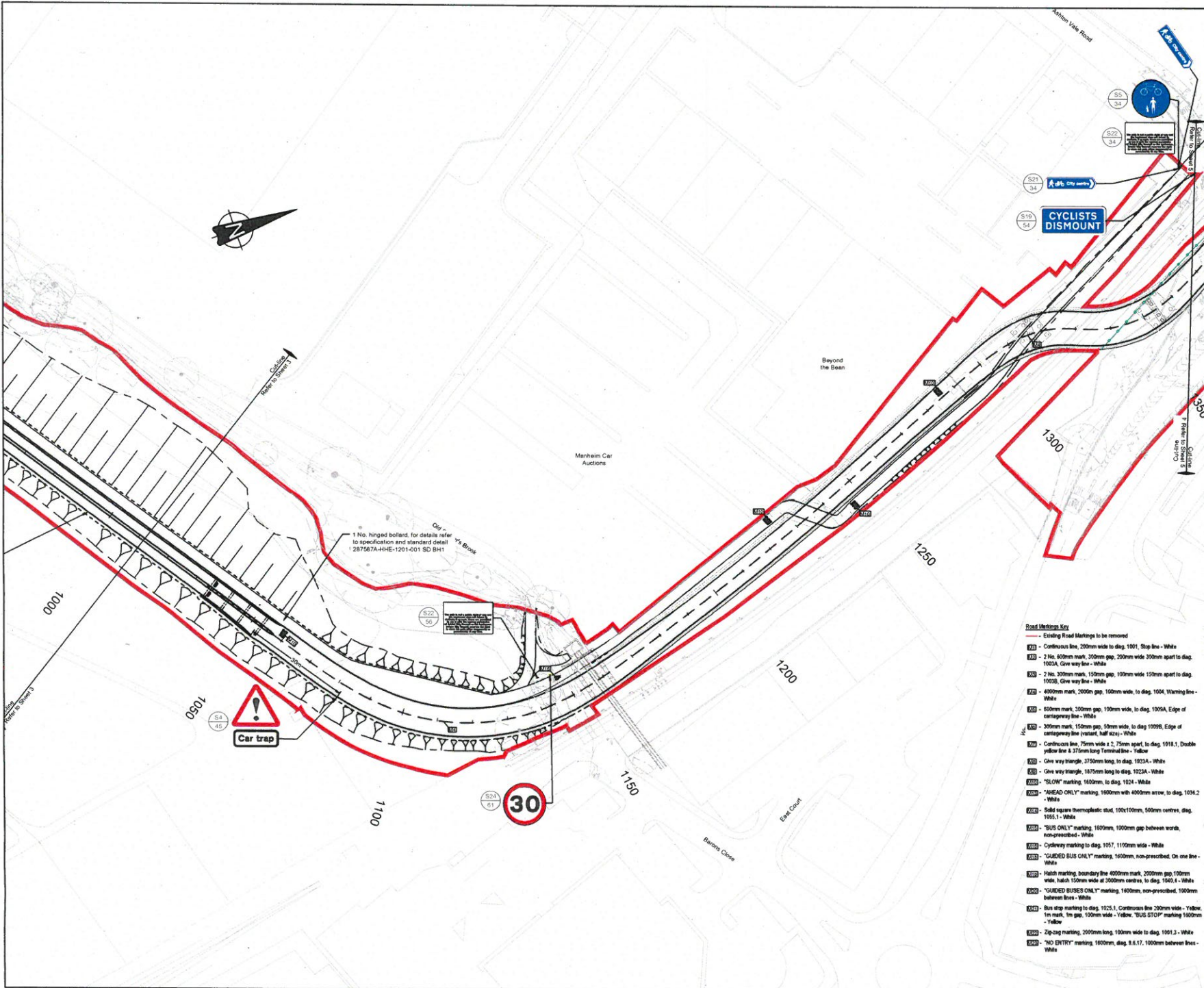
Drawing

**TRAFFIC SIGNS AND  
ROAD MARKINGS  
SHEET 4 OF 10**

Drawing No.	Revision
658232.AA.00.01-1200-104	2

Scale: 1:1000 @ A3

- Road Markings Key**
- Existing Road Markings to be removed
  - Continuous line, 200mm wide to diag, 1001, Slip line - White
  - 2 No. 600mm mark, 300mm gap, 200mm wide 300mm apart to diag, 1002A, One way line - White
  - 2 No. 300mm mark, 150mm gap, 100mm wide, 150mm apart to diag, 1003B, One way line - White
  - 4000mm mark, 200mm gap, 100mm wide, to diag, 1004, Warning line - White
  - 600mm mark, 300mm gap, 100mm wide, to diag, 1005A, Edge of carriageway line - White
  - 300mm mark, 150mm gap, 50mm wide, to diag, 1005B, Edge of carriageway line (variant, half size) - White
  - Continuous line, 75mm wide x 2, 75mm apart, to diag, 1018.1, Double yellow line & 375mm long Terminal line - Yellow
  - Give way triangle, 375mm long, to diag, 1022A, White
  - Give way triangle, 1475mm long to diag, 1022A, White
  - "SLOW" marking, 1600mm, to diag, 1024 - White
  - "AHEAD ONLY" marking, 1600mm with 4000mm arrow, to diag, 1036.2 - White
  - Solid square thermoplastic stud, 100x100mm, 500mm centres, diag, 1055.1 - White
  - "BUS ONLY" marking, 1600mm, 1000mm gap between words, non-prescribed, White
  - Cycleway marking to diag, 1057, 1100mm wide - White
  - "GUIDED BUS ONLY" marking, 1600mm, non-prescribed, On one line - White
  - Hatch marking, boundary line 4000mm mark, 2000mm gap, 100mm wide, hatch 150mm wide at 500mm centres, to diag, 1064.1 - White
  - "GUIDED BUSES ONLY" marking, 1600mm, non-prescribed, 1000mm between lines - White
  - Bus stop marking to diag, 1025.1, Continuous line 200mm wide - Yellow, 1m mark, 1m gap, 100mm wide - Yellow, "BUS STOP" marking 1600mm - Yellow
  - Zip-zag marking, 200mm long, 100mm wide to diag, 1001.3 - White
  - "NO ENTRY" marking, 1600mm, diag, 8.6.17, 1000mm between lines - White



**General notes:**

- All dimensions are in millimetres unless otherwise stated. All levels are in metres above Ordinance Datum (mAOD) Newlyn
- Do not scale from drawing

**Notes:**

- All traffic signs and road markings to be in accordance with TSRGD 2019
- Sign locations to be confirmed by on site engineering prior to installation
- Based on Parsons Brinkerhoff drawing 287567A-HHE-1200-004 Revision P3

**Key:**

**Signing Key:**

- S1 Sign Reference
- 01 Sign Location Number
- S17 Illuminated Sign Reference
- S17.1 Illuminated Sign Location Number

See sign schedules, 287567A-HHE-1200-S1 to S24

⊗ Traffic sign and post to be removed to tip

Rev	By	CHKD	DATE	DESCRIPTION
1	AK	GT	14	M17 removed from location 46
2	GT	AK	20	M11 and M17 removed

Client

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Project

BRISTOL METROBUS:  
ASHTON VALE TO TEMPLE MEADS

Drawing

TRAFFIC SIGNS AND  
ROAD MARKINGS  
SHEET 4 OF 10

Drawn by: G. THOMAS Date: 27/11/2017  
Checked by: I. ASTBURY Date: 28/11/2017  
Approved by: I. ASTBURY Date: 28/11/2017

Drawing No: 658232.AA.00.01-1200-104  
Revision: 2

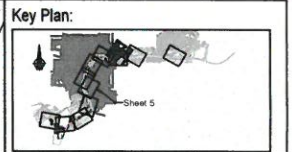
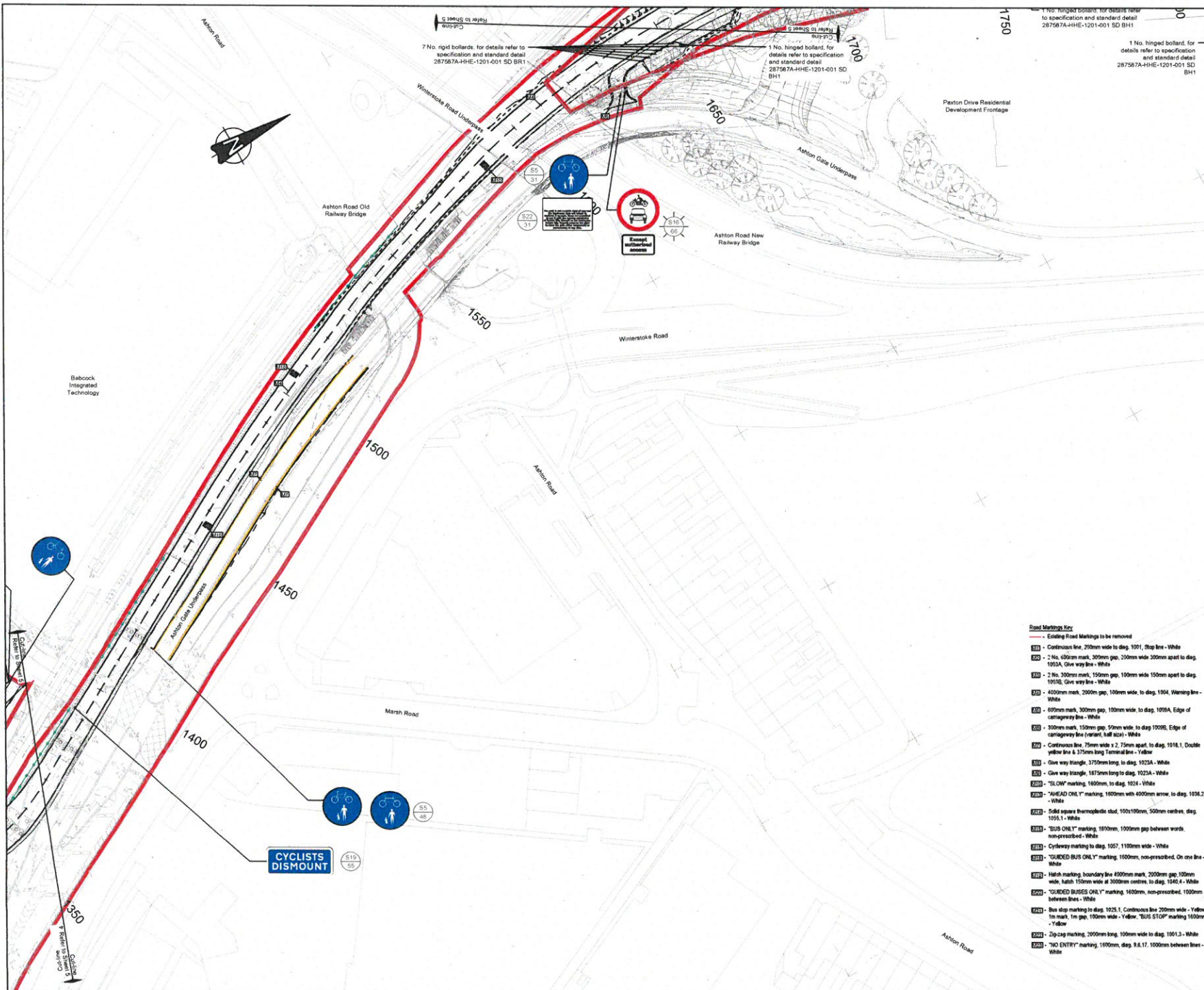
Scale: 1:100 @ A3

**Road Markings Key**

- Existing Road Markings to be removed
- Continuous line, 200mm wide to diag. 1001, Slip line - White
- 2 No. 600mm mark, 300mm gap, 200mm wide 200mm apart to diag. 1003A, Give way line - White
- 2 No. 300mm mark, 150mm gap, 100mm wide 150mm apart to diag. 1003B, Give way line - White
- 400mm mark, 200mm gap, 100mm wide, to diag. 1004, Warning line - White
- 600mm mark, 300mm gap, 100mm wide, to diag. 1005A, Edge of carriageway line - White
- 300mm mark, 150mm gap, 50mm wide, to diag. 1005B, Edge of carriageway line (start, half size) - White
- Continuous line, 75mm wide x 2, 75mm apart, to diag. 1018.1, Double yellow line x 375mm long Terminal line - Yellow
- Give way triangle, 3750mm long, to diag. 1023A - White
- Give way marking, 1675mm long to diag. 1023A - White
- "SLOW" marking, 1600mm, to diag. 1024 - White
- "AHEAD ONLY" marking, 1900mm with 4000mm arrow, to diag. 1036.2 - White
- Solid square thermoplastic stud, 100x100mm, 500mm centres, diag. 1055.1 - White
- "BUS ONLY" marking, 1600mm, 1000mm gap between words, non-prescribed - White
- Cycleway marking to diag. 1057, 1100mm wide - White
- "GUIDED BUS ONLY" marking, 1600mm, non-prescribed, On one line - White
- Hatch marking, boundary line 4000mm mark, 2000mm gap, 100mm wide, hatch 150mm wide at 3000mm centres, to diag. 1040.4 - White
- "GUIDED BUS ONLY" marking, 1600mm, non-prescribed, 1900mm between lines - White
- Bus stop marking to diag. 1025.1, Continuous line 200mm wide - Yellow, 1m mark, 1m gap, 100mm wide - Yellow, "BUS STOP" marking 1600mm - Yellow
- Zig-zag marking, 2000mm long, 100mm wide to diag. 1001.3 - White
- "NO ENTRY" marking, 1600mm, diag. 8.6.17, 1000mm between lines - White

Drawn by: G. THOMAS Date: 27/11/2017  
 Checked by: I. ASTBURY Date: 28/11/2017  
 Approved by: I. ASTBURY Date: 28/11/2017  
 User and Plot Date





**General notes:**

- All dimensions are in millimetres unless otherwise stated. All levels are in metres above Ordnance Datum (mAOD) Newlyn
- Do not scale from drawing.

**Notes:**

- All traffic signs and road markings to be in accordance with TSDGD 2018
- Sign locations to be confirmed by on site engineering prior to installation
- Based on Parsons Brinkerhoff drawing 287587A-HHE-1200-005 Revision P3

**Key:**

**Signing Key:**

- S1 Sign Reference
- 01 Sign Location Number
- S1A Illuminated Sign Reference
- 30 Illuminated Sign Location Number

See sign schedules: 287587A-HHE-1200-S1 to S24

- Traffic sign and post to be removed to tip

Rev	By	Chkd	Apprv	Date	Description

Client:

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Project: BRISTOL METROBUS: ASHTON VALE TO TEMPLE MEADS

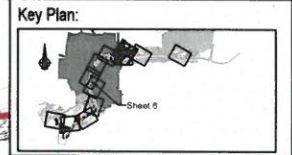
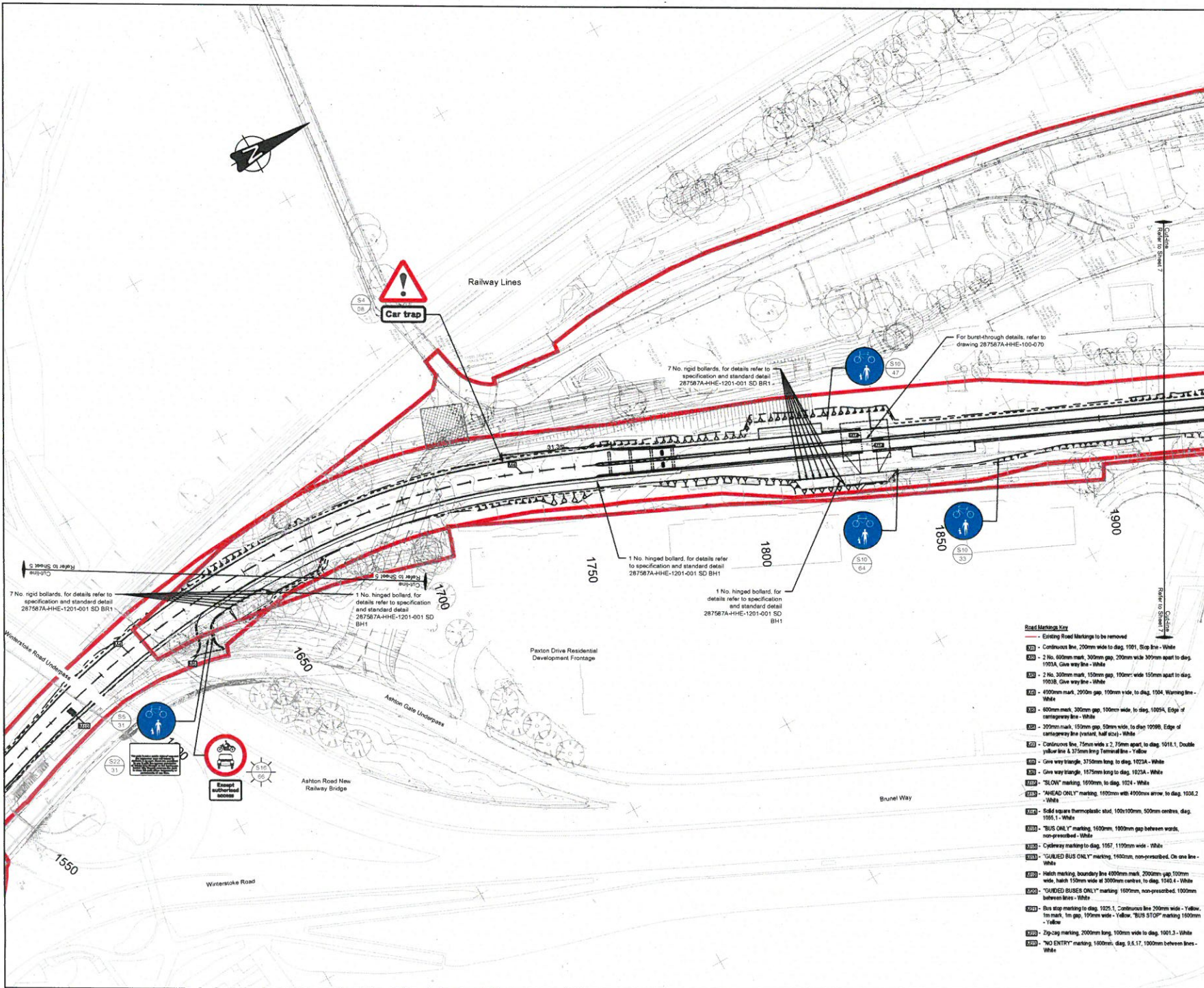
Drawing: TRAFFIC SIGNS AND ROAD MARKINGS SHEET 5 OF 10

Drawn by: G. THOMAS	Date: 27/11/2017
Checked by: I. ASTEBURY	Date: 28/11/2017
Approved by: I. ASTEBURY	Date: 28/11/2017
Drawing No: 658232.AA.00.01-1200-105	Revision: 0

Scale: 1:1000 @ A3

- Road Markings Key**
- Existing Road Markings to be removed
  - 101 - Continuous line, 200mm wide to diag, 1001, Stop line - White
  - 102 - No. 600mm mark, 300mm gap, 200mm wide 300mm apart to diag, 102A, Give way line - White
  - 103 - No. 300mm mark, 150mm gap, 100mm wide 150mm apart to diag, 103B, Give way line - White
  - 104 - 4000mm mark, 2000m gap, 100mm wide, to diag, 104A, Warning line - White
  - 105 - 600mm mark, 300mm gap, 100mm wide, to diag, 105A, Edge of carriageway line - White
  - 106 - 300mm mark, 150mm gap, 50mm wide, to diag, 106B, Edge of carriageway line (variant, half size) - White
  - 107 - Continuous line, 75mm wide x 2.75m apart, to diag, 107A, Double yellow line & 375mm long Terminal line - Yellow
  - 108 - Give way triangle, 3750mm long, to diag, 108A - White
  - 109 - Give way triangle, 1875mm long to diag, 109A - White
  - 110 - ZLDF marking, 1600mm, to diag, 110A - White
  - 111 - 'AHEAD ONLY' marking, 1600mm with 6000mm arrow, to diag, 111A - White
  - 112 - Solid square thermoplastic stud, 100x100mm, 500mm centres, diag, 112A - White
  - 113 - 'BUS ONLY' marking, 1600mm, 1000mm gap between words, non-prescribed - White
  - 114 - Cycleway marking to diag, 107, 1100mm wide - White
  - 115 - 'UNDEID BUS ONLY' marking, 1600mm, non-prescribed. On one line - White
  - 116 - Hatch marking, boundary line 4000mm mark, 2000mm gap, 100mm wide, hatch 150mm wide at 300mm centres, to diag, 116A - White
  - 117 - 'UNDEID BUSES ONLY' marking, 1600mm, non-prescribed, 1000mm between lines - White
  - 118 - Bus stop marking to diag, 1025.1, Continuous line 200mm wide - Yellow, 1m mark, 1m gap, 100mm wide - Yellow, 'BUS STOP' marking 1600mm - Yellow
  - 119 - Zig-zag marking, 2000mm long, 100mm wide to diag, 101.3 - White
  - 120 - 'NO ENTRY' marking, 1000mm, diag, 8.8.17, 1000mm between lines - White

Drawing No: 658232.AA.00.01-1200-105  
 Title: TRAFFIC SIGNS AND ROAD MARKINGS SHEET 5 OF 10  
 Date: 28/11/2017  
 Author: G. THOMAS  
 Checker: I. ASTEBURY  
 Approver: I. ASTEBURY  
 Scale: 1:1000 @ A3



**General notes:**

- All dimensions are in millimetres unless otherwise stated. All levels are in metres above Ordnance Datum (MAOD) Newlyn.
- Do not scale from drawing.

**Notes:**

- All traffic signs and road markings to be in accordance with TSRGD 2016.
- Sign locations to be confirmed by on site engineering prior to installation.
- Based on Parsons Brinckerhoff drawing 287587A+HHE-1200-006 Revision P3.

**Key:**

**Signing Key:**

- S1 Sign Reference
- 01 Sign Location Number
- S14 Illuminated Sign Reference
- 36 Illuminated Sign Location Number

See sign schedules: 287587A+HHE-1200-S1 to S24

- ⊗ Traffic sign and post to be removed to tip

**Road Markings Key**

- Existing Road Markings to be removed
- Continuous line, 200mm wide to diag, 1001, Stop line - White
- 2 No. 60mm mark, 300mm gap, 200mm wide 300mm apart to diag, 1003A, Give way line - White
- 2 No. 300mm mark, 150mm gap, 190mm wide 150mm apart to diag, 1003B, Give way line - White
- 400mm mark, 200mm gap, 100mm wide, to diag, 1004, Warning line - White
- 800mm mark, 300mm gap, 100mm wide, to diag, 1005A, Edge of carriageway line - White
- 300mm mark, 150mm gap, 50mm wide, to diag, 1006B, Edge of carriageway line (variant, half size) - White
- Continuous line, 75mm wide x 2, 75mm apart, to diag, 1011, Double yellow line & 75mm long Terminal line - Yellow
- Give way triangle, 375mm long, to diag, 1023A - White
- Give way triangle, 187mm long, to diag, 1023A - White
- "SLOW" marking, 160mm, to diag, 1024 - White
- "AHEAD ONLY" marking, 160mm with 4000mm arrow, to diag, 1032.2 - White
- Solid square thermoplastic stud, 100x100mm, 500mm centres, diag, 1051.1 - White
- "BUS ONLY" marking, 160mm, 100mm gap between words, non-prescribed - White
- Cycleway marking to diag, 1057, 1100mm wide - White
- "GUIDED BUS ONLY" marking, 160mm, non-prescribed, On one line - White
- Hatch marking, boundary line 400mm mark, 200mm gap 100mm wide, hatch 150mm wide at 200mm centres, to diag, 1058.4 - White
- "GUIDED BUSES ONLY" marking, 160mm, non-prescribed, 100mm between lines - White
- Bus stop marking to diag, 1025.1, Continuous line 200mm wide - Yellow, 1m mark, 1m gap, 19mm wide - Yellow, "BUS STOP" marking 160mm - Yellow
- Zig-zag marking, 200mm long, 100mm wide to diag, 1001.3 - White
- "NO ENTRY" marking, 180mm, diag, 8.6.17, 100mm between lines - White

1	PK	QT	SL	1001/10	S17 removed from location 6
1	QT	W	SL	1001/10	M11 and M17 removed
Rev	By	Check	Issue	Date	Description

Client:

One Kingsway  
First Floor  
Cardiff, CF10 3AN

**ch2m**

Tel: +44 (0) 29 2072 0020  
Fax: +44 (0) 29 2072 0040  
www.ch2m.com

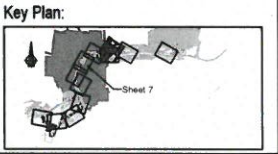
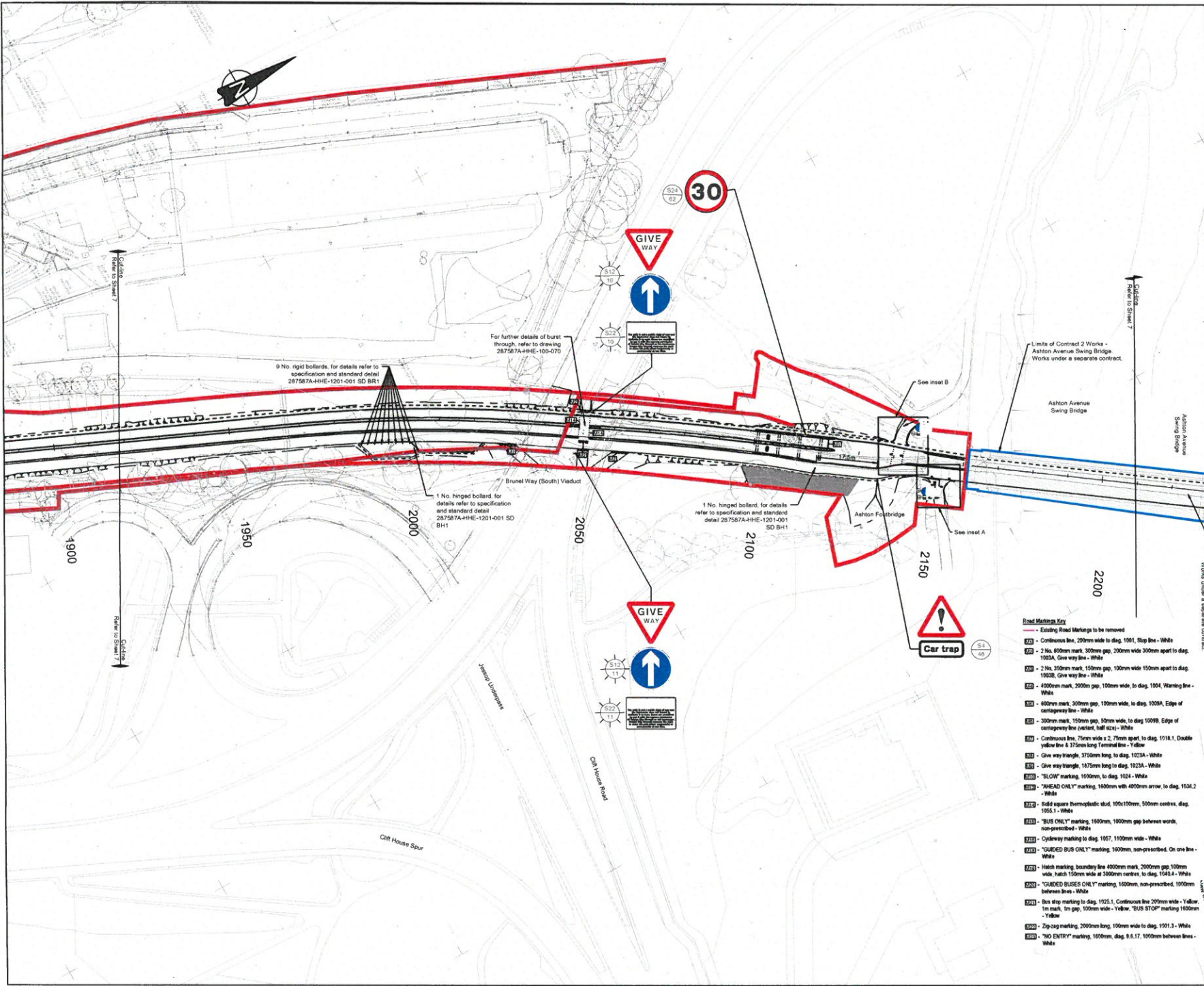
Project: BRISTOL METROBUS: ASHTON VALE TO TEMPLE MEADS

Drawing: TRAFFIC SIGNS AND ROAD MARKINGS SHEET 6 OF 10

Drawn by: G. THOMAS	Date: 27/12/017
Checked by: I. ASTBURY	Date: 20/1/2017
Approved by: I. ASTBURY	Date: 20/1/2017
Drawing No: 658232.AA.00.01-1200-106	Revision: 2

Scale: 1:1000 @ A3

Drawing No: 658232.AA.00.01-1200-106  
 Title: TRAFFIC SIGNS AND ROAD MARKINGS SHEET 6 OF 10  
 Date: 20/1/2017  
 Author: G. THOMAS  
 Checker: I. ASTBURY  
 Approver: I. ASTBURY  
 Scale: 1:1000 @ A3



**General notes:**

- All dimensions are in millimetres unless otherwise stated. All levels are in metres above Ordnance Datum (m(AOD)) Newlyn
- Do not scale from drawing

**Notes:**

- All traffic signs and road markings to be in accordance with TSI/CD 2016
- Sign locations to be confirmed by on site engineering prior to installation
- Based on Parsons Brinkerhoff drawing 287587A+HHE-1200-007 Revision P3

**Key:**

**Signing Key:**

- ⊙ Sign Reference
- ⊙ Sign Location Number
- ⊙ Illuminated Sign Reference
- ⊙ Illuminated Sign Location Number

See sign schedules: 287587A+HHE-1200-S1 to S24

⊗ Traffic sign and post to be removed to tip

Rev	By	Chkd	Apprv	Date	Description
1	AK	GT	JA	18/11/16	Sign S17 removed
2	GT	JA	AK	20/11/16	M11 and M17 removed

Client:

One Kingsway  
First Floor  
Cardiff, CF10 3AN

Tel: +44 (0) 29 2072 0820  
Fax: +44 (0) 29 2072 0880

Project: **BRISTOL METROBUS:  
ASHTON VALE TO TEMPLE MEADS**

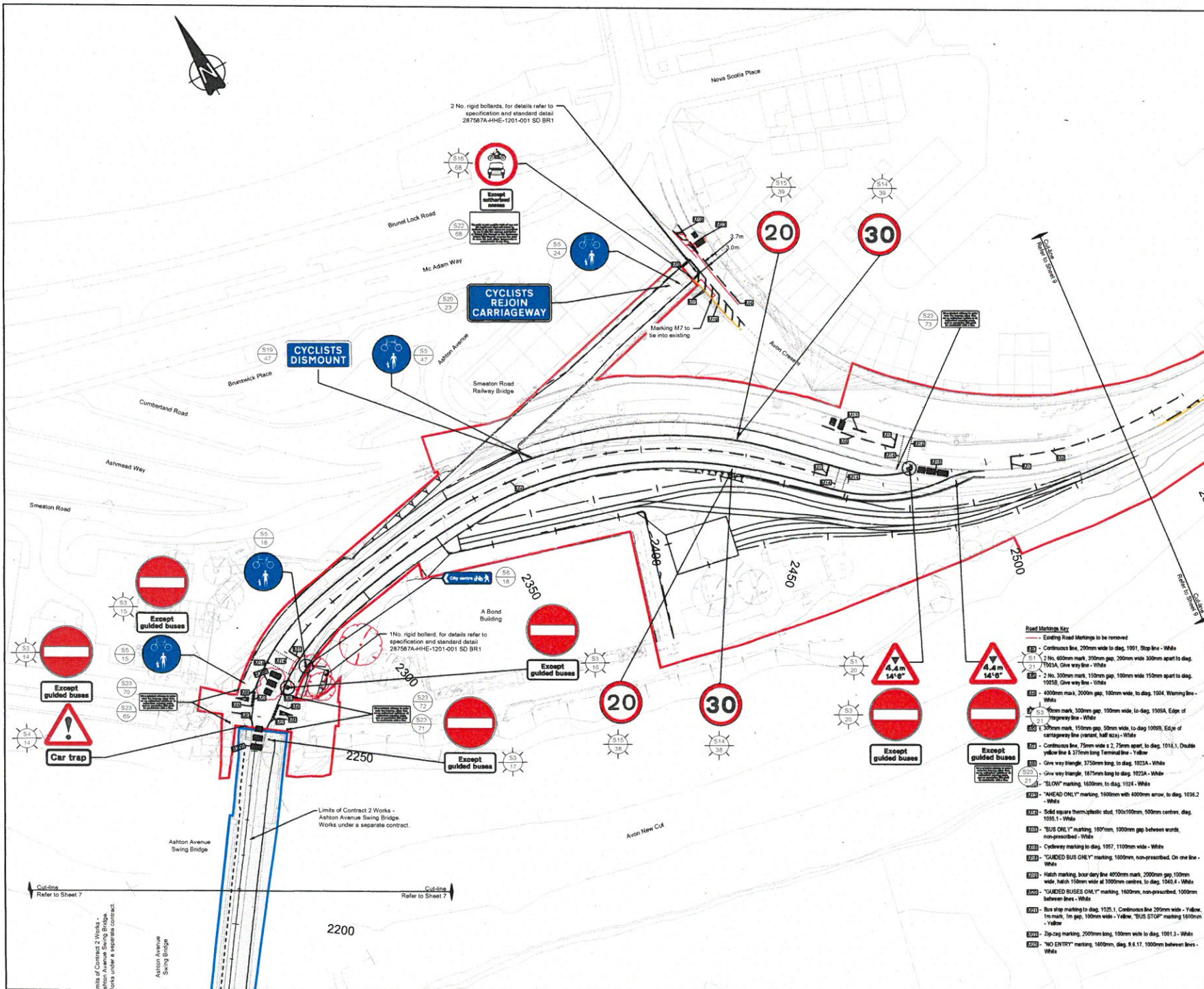
Drawing: **TRAFFIC SIGNS AND  
ROAD MARKINGS  
SHEET 7 OF 10**

Drawn by: G. THOMAS Date: 20/11/2017  
Checked by: I. ASTBURY Date: 28/11/2017  
Approved by: I. ASTBURY Date: 20/11/2017

Drawing No: **658232.AA.00.01-1200-107** Revision: **2**

Scale: 1:1000 @ A3

- Road Markings Key**
- Existing Road Markings to be removed
  - Continuous line, 200mm wide to diag, 1001, Slip line - White
  - 2 No. 600mm mark, 300mm gap, 200mm wide 300mm apart to diag, 1003A, Give way line - White
  - 2 No. 300mm mark, 150mm gap, 100mm wide 150mm apart to diag, 1023, Give way line - White
  - 4000mm mark, 2000mm gap, 150mm wide to diag, 1004, Warning line - White
  - 600mm mark, 300mm gap, 100mm wide to diag, 1008A, Edge of carriageway line - White
  - 300mm mark, 150mm gap, 50mm wide to diag 1009B, Edge of contra-queue line (variant, half size) - White
  - Continuous line, 75mm wide x 2, 75mm apart, to diag, 1018.1, Double yellow line & 375mm long Terminal line - Yellow
  - Give way triangle, 3750mm long to diag, 1023A - White
  - Give way triangle, 1675mm long to diag, 1023A - White
  - "BUS ONLY" marking, 1600mm, to diag, 1024 - White
  - "HEAD ONLY" marking, 1600mm with 4000mm arrow, to diag, 1038.2 - White
  - Solid square thermoplastic stud, 100x100mm, 500mm centres, diag, 1055.1 - White
  - "BUS ONLY" marking, 1600mm, 1000mm gap between words, non-prescribed - White
  - Cycleway marking to diag, 1057, 1100mm wide - White
  - "BUSES ONLY" marking, 1600mm, non-prescribed, On one line - White
  - Hatch marking boundary line 4000mm mark, 2000mm gap, 100mm wide, hatch 150mm wide at 500mm centres, to diag, 1045.4 - White
  - "BUSES ONLY" marking, 1600mm, non-prescribed, 100mm between lines - White
  - Bus stop marking to diag, 1025.1, Continuous line 200mm wide - Yellow, 1m mark, 1m gap, 100mm wide - Yellow, "BUS STOP" marking 1600mm - Yellow
  - Zig-zag marking, 2000mm long, 100mm wide to diag, 1001.3 - White
  - "NO ENTRY" marking, 1600mm, diag, 8.8.17, 100mm between lines - White



**Key Plan:**

**General notes:**

- All dimensions are in millimetres unless otherwise stated. All levels are in metres above Ordnance Datum (MAOD) Newlyn
- Do not scale from drawing

**Notes:**

- All traffic signs and road markings to be in accordance with TSRGD 2016
- Sign locations to be confirmed by on site engineering prior to installation
- Based on Parsons Brinckerhoff drawing 287587A+HHE-1200-008 Revision P3

**Key:**

**Signing Key:**

- S1 Sign Reference
- 01 Sign Location Number
- S14 Illuminated Sign Reference
- 36 Illuminated Sign Location Number

See sign schedules, 287587A+HHE-1200-S1 to S24

- ⊗ Traffic sign and post to be removed to site

Rev	By	Chkd	Approved	Date	Description

Client:

One Kingsway  
First Floor  
Cardiff, CF10 3AN  
Tel: +44 (0) 29 2072 0920  
Fax: +44 (0) 29 2072 0960  
www.ch2m.com

Project: BRISTOL METROBUS  
ASHTON VALE TO TEMPLE MEADS

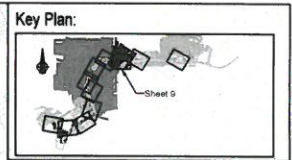
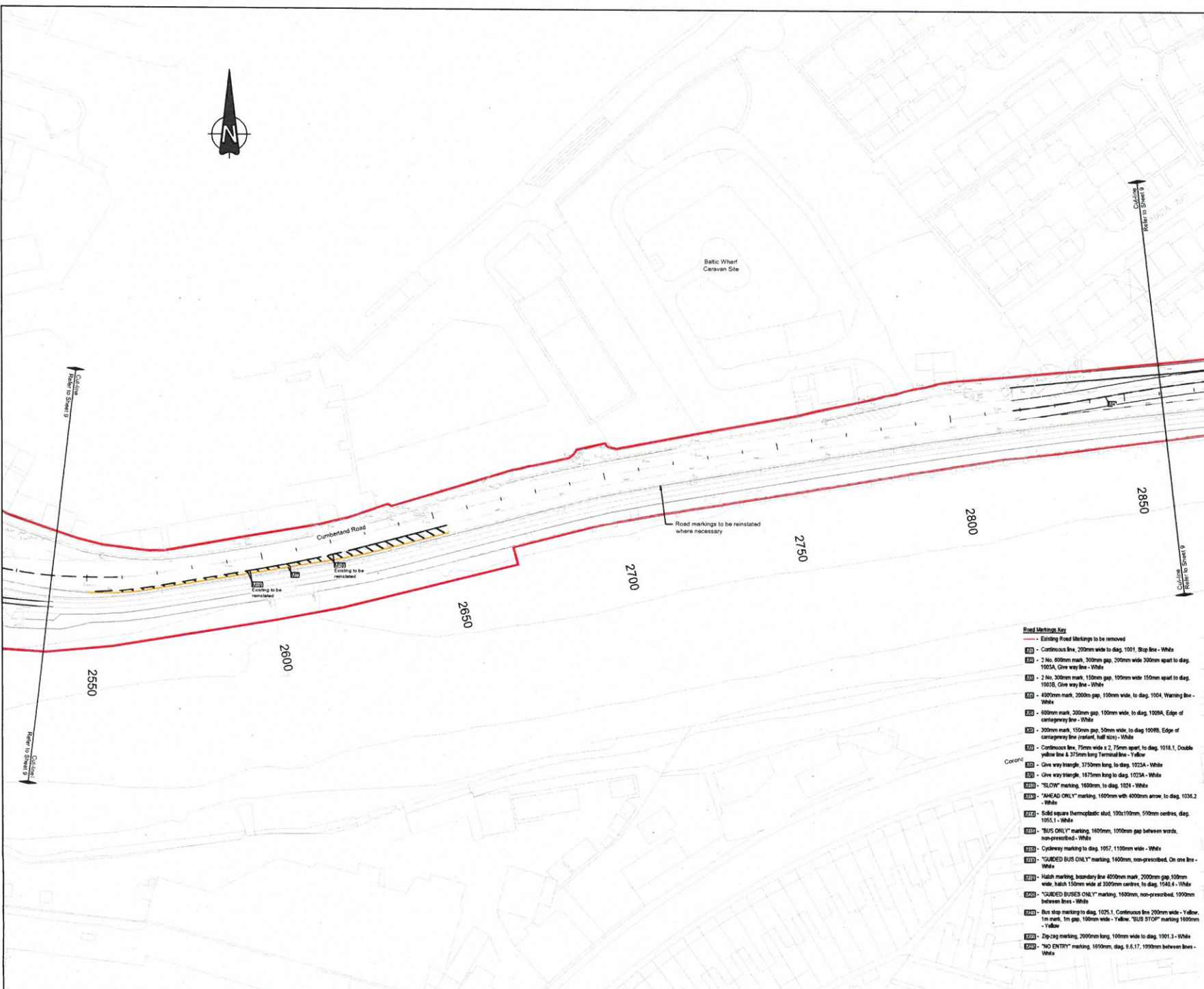
Drawing: TRAFFIC SIGNS AND ROAD MARKINGS  
SHEET 8 OF 10

Drawn by: G. THOMAS	Date: 27/11/2017
Checked by: I. ASTBURY	Date: 28/11/2017
Approved by: I. ASTBURY	Date: 28/11/2017
Drawing No: 658232.AA.00.01-1200-108	Revision: 1

Scale 1:1000 @ A3

- Road Markings Key**
- Existing Road Markings to be removed
  - S1 - Continuous line, 200mm wide to diag, 1001, Stop line - White
  - S2 - 2 No. 600mm mark, 300mm gap, 200mm wide 300mm apart to diag, 1003A, Give way line - White
  - S3 - 2 No. 300mm mark, 150mm gap, 100mm wide 150mm apart to diag, 1003B, Give way line - White
  - S4 - 400mm mark, 200mm gap, 100mm wide, to diag, 1004, Warning line - White
  - S5 - 300mm mark, 300mm gap, 100mm wide, to diag, 1005A, Edge of carriageway line - White
  - S6 - 150mm mark, 150mm gap, 50mm wide, to diag, 1005B, Edge of carriageway line (variant, half size) - White
  - S7 - Continuous line, 75mm wide x 2, 75mm apart, to diag, 1014.1, Double yellow line x 375mm long Terminal line - Yellow
  - S8 - Give way triangle, 375mm long, to diag, 1023A, White
  - S9 - Give way triangle, 187.5mm long to diag, 1023A, White
  - S10 - "SLOW" marking, 1600mm, to diag, 1024 - White
  - S11 - "AHEAD ONLY" marking, 1600mm with 4000mm arrow, to diag, 1034.2 - White
  - S12 - Solid square thermoplastic stud, 100x100mm, 500mm centres, diag, 1035.1 - White
  - S13 - "BUS ONLY" marking, 1600mm, 1000mm gap between words, non-prescribed - White
  - S14 - Cycleway marking to diag, 1057, 1100mm wide - White
  - S15 - "GUIDED BUS ONLY" marking, 1600mm, non-prescribed, On one line - White
  - S16 - Hatch marking, bor dery line 400mm mark, 200mm gap, 100mm wide, hatch 150mm wide at 100mm centres, to diag, 1061.4 - White
  - S17 - "GUIDED BUSES ONLY" marking, 1600mm, non-prescribed, 1000mm between lines - White
  - S18 - Bus stop marking to diag, 1025.1, Continuous line 200mm wide - Yellow, 1m mark, 1m gap, 180mm wide - Yellow, "BUS STOP" marking 1600mm - Yellow
  - S19 - Zip-tag marking, 2000mm long, 100mm wide to diag, 1091.3 - White
  - S20 - "NO ENTRY" marking, 1800mm, diag, 8.6.17, 1000mm between lines - White

Drawing No: 658232.AA.00.01-1200-108  
 Date: 27/11/2017  
 Checked by: I. ASTBURY  
 Approved by: I. ASTBURY  
 Scale: 1:1000 @ A3



**General notes:**

- All dimensions are in millimetres unless otherwise stated. All levels are in metres above Ordnance Datum (AOD) Newlyn
- Do not scale from drawing.

**Notes:**

- All traffic signs and road markings to be in accordance with TSRGD 2016
- Sign locations to be confirmed by on site engineering prior to installation
- Based on Parsons Brinkerhoff drawing 287567A-HHE-1200-006 Revision P3

**Key:**

**Signing Key:**

- S1 Sign Reference
- 01 Sign Location Number
- S14 Illuminated Sign Reference
- 09 Illuminated Sign Location Number

See sign schedules: 287567A-HHE-1200-S1 to S24

- ⊗ Traffic sign and post to be removed to tip

Rev	By	Chkd	Apprv	Date	Description

Client

One Kingsway  
First Floor  
Canolf, CF10 3AN  
**ch2m**  
Tel: +44 (0) 20 2072 0020  
Fax: +44 (0) 20 2072 0000  
www.ch2m.com

Project  
**BRISTOL METROBUS:  
ASHTON VALE TO TEMPLE MEADS**

Drawing  
**TRAFFIC SIGNS AND  
ROAD MARKINGS  
SHEET 9 OF 10**

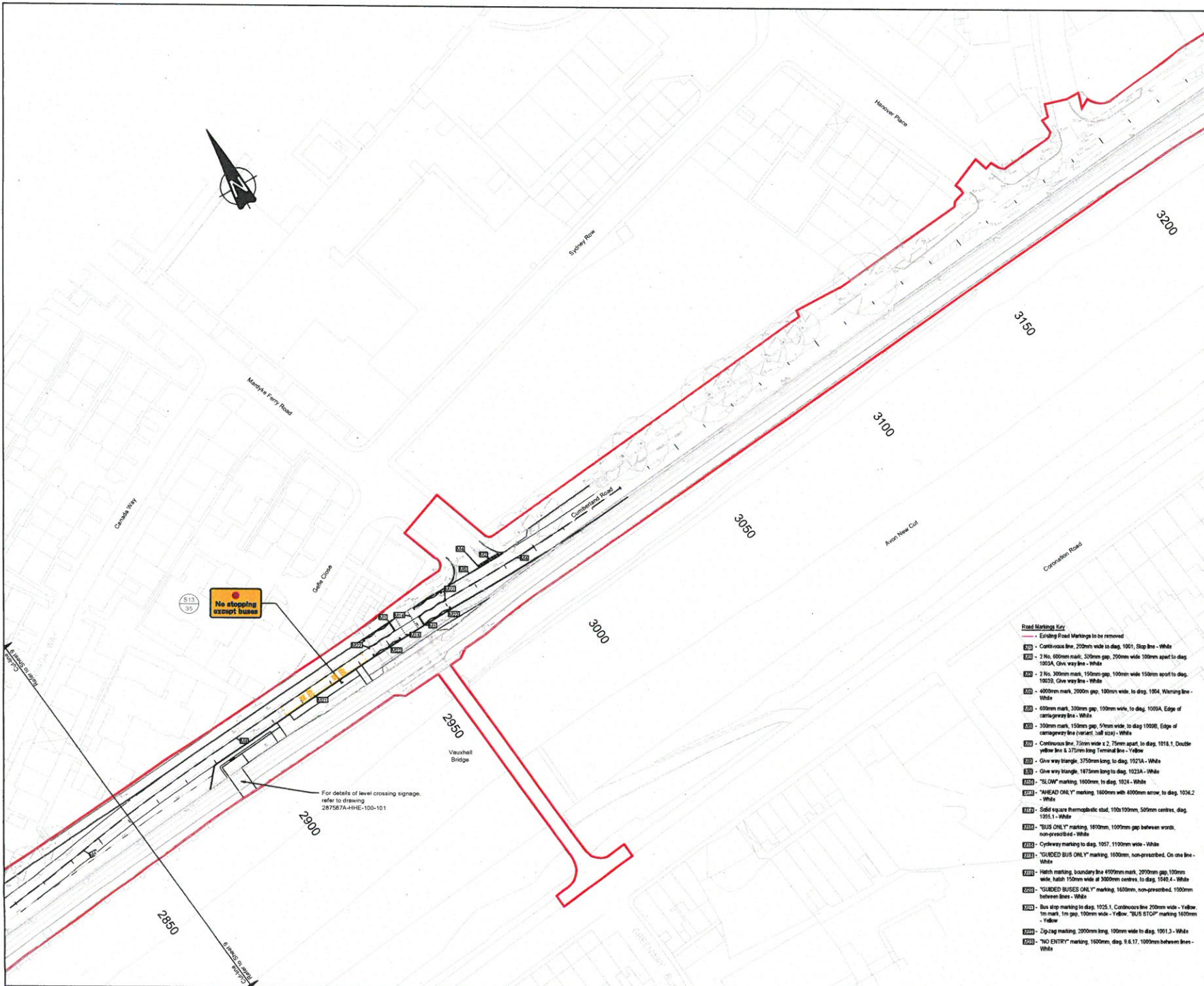
Drawn by: G. THOMAS Date: 27/11/2017  
Checked by: I. ASTBURY Date: 28/11/2017  
Approved by: I. ASTBURY Date: 28/11/2017

Drawing No: **658232.AA.00.01-1200-109** Revision: **0**

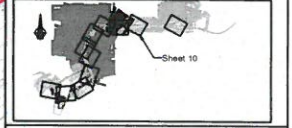
Scale: 1:1000 @ A3

- Road Markings Key**
- Existing Road Markings to be removed
  - Continuous line, 200mm wide to diag, 1001, Stop line - White
  - 2 No. 600mm mark, 300mm gap, 200mm wide 300mm apart to diag, 1023A, Give way line - White
  - 2 No. 300mm mark, 150mm gap, 100mm wide 150mm apart to diag, 1003B, Give way line - White
  - 400mm mark, 200mm gap, 100mm wide, to diag, 1004, Warning line - White
  - 600mm mark, 300mm gap, 100mm wide, to diag, 1009A, Edge of cartage way line - White
  - 300mm mark, 150mm gap, 50mm wide, to diag, 1009B, Edge of cartage way line (variant, half size) - White
  - Continuous line, 75mm wide x 2, 75mm apart, to diag, 1018.1, Double yellow line & 375mm long Terminal line - Yellow
  - Give way triangle, 375mm long, to diag, 1023A - White
  - Give way triangle, 187.5mm long to diag, 1023A - White
  - "SLOW" marking, 160mm, to diag, 1024 - White
  - "AHEAD ONLY" marking, 160mm with 400mm arrow, to diag, 1036.2 - White
  - Solid square thermoplastic stud, 100x100mm, 50mm centres, diag, 1052.1 - White
  - "BUS ONLY" marking, 160mm, 100mm gap between words, non-prescribed - White
  - Cycleway marking to diag, 1057, 1100mm wide - White
  - "GUIDED BUS ONLY" marking, 160mm, non-prescribed, On one line - White
  - Hatch marking, boundary line 400mm mark, 200mm gap, 100mm wide, hatch 150mm wide at 200mm centres, to diag, 1064.1 - White
  - "GUIDED BUSES ONLY" marking, 160mm, non-prescribed, 100mm between lines - White
  - Bus stop marking to diag, 1025.1, Continuous line 200mm wide - Yellow, 1m mark, 1m gap, 100mm wide - Yellow, "BUS STOP" marking 160mm - Yellow
  - Zig-zag marking, 200mm long, 100mm wide to diag, 1001.3 - White
  - "NO ENTRY" marking, 160mm, diag, 8.6.17, 190mm between lines - White

Drawing No: 658232.AA.00.01-1200-109 Title: Traffic Signs and Road Markings - Sheet 9 of 10 Date: 28/11/2017  
 Project: Bristol Metrobus Ashton Vale to Temple Meads  
 Client: ch2m  
 Author: G. THOMAS  
 Checked: I. ASTBURY  
 Approved: I. ASTBURY  
 Scale: 1:1000 @ A3



**Key Plan:**



**General notes:**

1. All dimensions are in millimetres unless otherwise stated. All levels are in metres above Ordnance Datum (mAOD) Newlyn
2. Do not scale from drawing.

**Notes:**

1. All traffic signs and road markings to be in accordance with TSGD 2016
2. Sign locations to be confirmed by on site engineering prior to installation
3. Based on Parsons Brinkerhoff drawing 287587A-HHE-1200-010 Revision P0

**Key:**

**Signage Key:**

- S1 01 Sign Reference  
Sign Location Number
- S14 30 Illuminated Sign Reference  
Illuminated Sign Location Number

See sign schedules: 287587A-HHE-1200-S1 to S24

- ⊗ Traffic sign and post to be removed to top

Rev	By	Chk'd	App'd	Date	Description



One Kingsway  
First Floor  
Cardiff CF10 3AN  
Tel: +44 (0) 29 2072 0820  
Fax: +44 (0) 29 2072 0880  
www.ch2m.com

Project: BRISTOL METROBUS: ASHTON VALE TO TEMPLE MEADS

Drawing: TRAFFIC SIGNS AND ROAD MARKINGS SHEET 10 OF 10

Drawn by: G. THOMAS	Date: 27/11/2017
Checked by: I. ASTBURY	Date: 20/11/2017
Approved by: I. ASTBURY	Date: 20/11/2017
Drawing No: 658232.AA.00.01-1200-110	Revision: 0
Scale: 1:1000 @ A3	

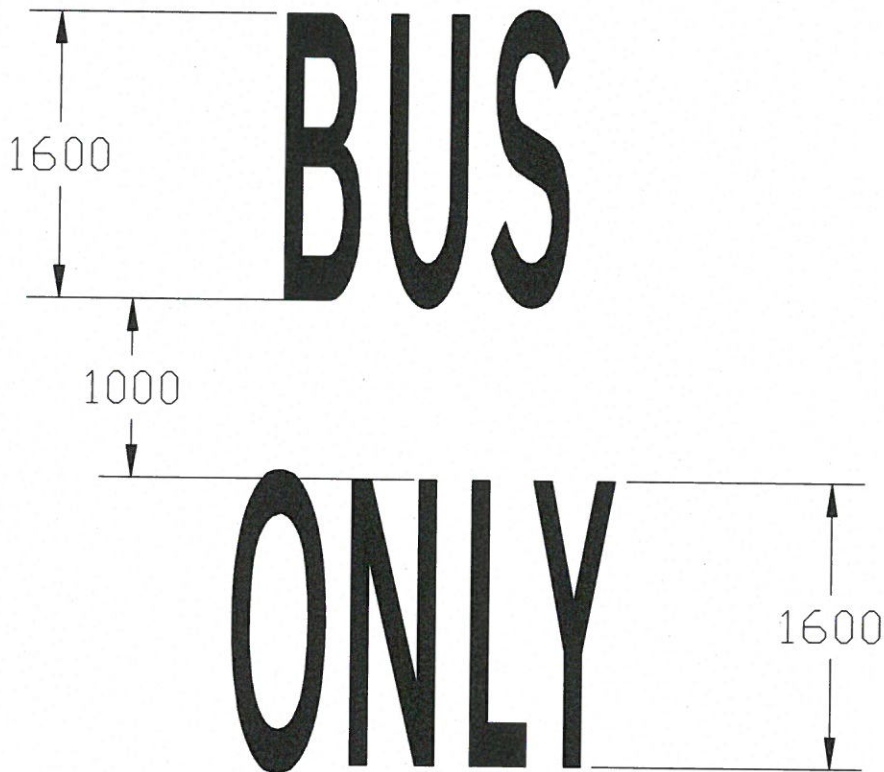
- Road Markings Key**
- Existing Road Markings to be removed
  - Continuous line, 200mm wide to diag, 1001, Slip line - White
  - 2 No. 600mm mark, 300mm gap, 200mm wide 100mm apart to diag, 1005A, Give way line - White
  - 2 No. 300mm mark, 150mm gap, 100mm wide 150mm apart to diag, 1003D, Give way line - White
  - 400mm mark, 200mm gap, 100mm wide, to diag, 1004, Warning line - White
  - 450mm mark, 300mm gap, 100mm wide, to diag, 1005A, Edge of cartageway line - White
  - 300mm mark, 150mm gap, 50mm wide, to diag, 1005B, Edge of cartageway line (variant - half size) - White
  - Continuous line, 75mm wide x 2, 75mm apart, to diag, 1016.1, Double white line & 370mm long Terminal line - Yellow
  - Give way triangle, 3750mm long, to diag, 1021A - White
  - Give way triangle, 1875mm long to diag, 1023A - White
  - "SLOW" marking, 1600mm, to diag, 1024 - White
  - "AHEAD ONLY" marking, 1600mm with 4000mm arrow, to diag, 1024.2 - White
  - Solid square thermoplastic stud, 100x100mm, 500mm centres, diag, 1051.1 - White
  - "BUS ONLY" marking, 1600mm, 100mm gap between words, non-prescribed - White
  - Cycleway marking to diag, 1057, 1100mm wide - White
  - "GUIDED BUS ONLY" marking, 1600mm, non-prescribed, On one line - White
  - Hatch marking, boundary line 400mm mark, 200mm gap, 100mm wide, hatch 150mm wide at 300mm centres, to diag, 1040.4 - White
  - "GUIDED BUSES ONLY" marking, 1600mm, non-prescribed, 1000mm between lines - White
  - Bus stop marking to diag, 1025.1, Colours line 200mm wide - Yellow, 1m mark, 1m gap, 100mm wide - Yellow, "BUS STOP" marking 1600mm - Yellow
  - Zip-tag marking, 2000mm long, 100mm wide to diag, 1001.3 - White
  - "NO ENTRY" marking, 1600mm, diag, 9.8.17, 1000mm between lines - White

Drawing No: 658232.AA.00.01-1200-110  
 Revision: 0  
 Scale: 1:1000 @ A3  
 Date: 27/11/2017  
 Checked by: I. ASTBURY  
 Approved by: I. ASTBURY  
 Project: BRISTOL METROBUS: ASHTON VALE TO TEMPLE MEADS  
 Client: Bristol Metrobus

Department for Transport

Date: 4 April 2018

No. GT50/015/0026-2



Notes

1. All dimensions are in millimetres unless otherwise shown.
2. This drawing should not be scaled.
3. See drawing 287587A-HHE-1200-001 for location details

No.	By	Check	Approved	Date	Description
<small>CH2M Civil Engineering, Consulting &amp; Construction Tel: +44 (0) 1200 720000 www.ch2m.com</small>					
<b>ch2m</b>					
Project: BRISTOL METROBUS ASHTON VALE TO TEMPLE MEADS					
Drawing: Traffic Signs Non Prescribed Road Markings					
Drawn by:	CAT	Check:		Date:	15/02/17
Checked by:	AK	Approved:		Date:	16/02/17
Approved by:	JA	Revision:		Date:	17/02/17
Drawing No.	658232.AA.00.01-1200-M15				
Drawing Scale:	NTS				

Drawn by: CAT  
Checked by: AK  
Approved by: JA



1600

# GUIDED BUSES ONLY

**Notes**

1. All dimensions are in millimetres unless otherwise shown.
2. This drawing should not be scaled.
3. See drawings 287587A-HHE-1200-008 for location details

**Department for Transport**

Date: 4 April 2018

No. GT50/015/0026-3

No.	By	Checked	Approved	Date	Description	
<p><b>CH2M</b> One Kingsway, Canal CP 18 3AU Tel: +44 (0) 2027 730000 www.ch2m.com</p>						
<p>Project BRISTOL METROBUS ASHTON VALE TO TEMPLE MEADS</p>						
<p>Drawing Traffic Signs Non Prescribed Road Markings</p>						
Drawn by:	GAT	Checked by:	AK	Date:	15/03/2017	
Approved by:	JA	Checked by:	JA	Date:	17/03/2017	
Drawing No.	658232_AA.00.01-1200-M18				Revision	-
Drawing Scale:	NTS					

Drawing No. 658232\_AA.00.01-1200-M18  
 Date: 17/03/2017



1600  
 1000  
**GUIDED BUSES**  
 1600  
**ONLY**

**Department for Transport**

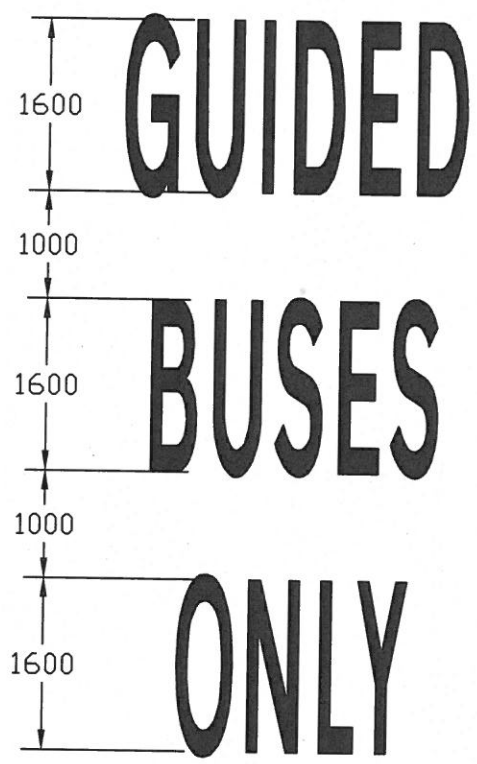
Date: 4 April 2018

No. GT50/015/0026-4

**Notes**

1. All dimensions are in millimetres unless otherwise shown.
2. This drawing should not be scaled.
3. See drawings 287587A-HHE-1200-001 for location details

Rev	By	Chk	Apprv	Date	Description
<small>           CH2M            One Kingsway, Cardiff CF10 3AR            Tel: +44 (0) 7920 77000            www.ch2m.com         </small>					
Project: BRISTOL METROBUS ASHTON VALE TO TEMPLE MEADS					
Drawing: Traffic Signs Non Prescribed Road Markings					
Drawn by: GAT		Date: 29/10/2017			
Checked by: AK		Date: 29/10/2017			
Approved by: JL		Date: 29/10/2017			
Drawing No: 658232.AA.00.01-1200-M20A		Revision: -			
Drawing Scale: NTS					



**Department for Transport**

Date: 4 April 2018

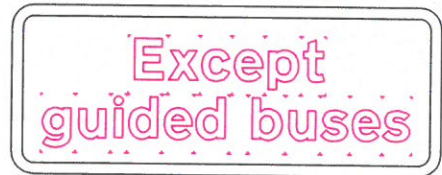
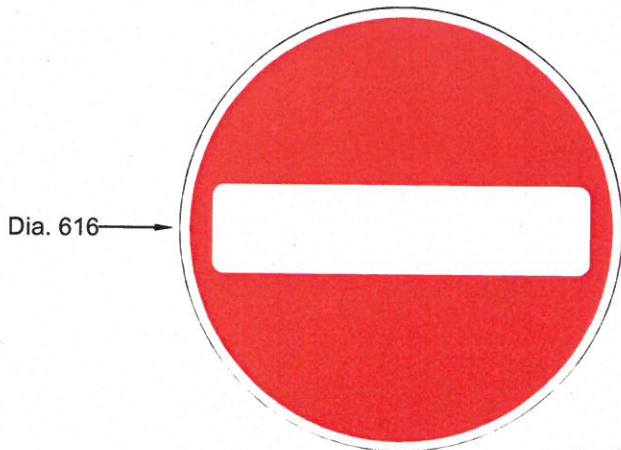
No. GT50/015/0026-5

**Notes**

1. All dimensions are in millimetres unless otherwise shown.
2. This drawing should not be scaled.
3. See drawings 287587A-HHE-1200-001 for location details

Rev	By	Check	Approved	Date	Description
<small>           C10 200            One Kingsway, Colindale, London NW9 1JH            Tel: +44 (0)20 8357 7200            www.dft.gov.uk         </small>					
<b>Project</b> BRISTOL METROBUS ASHTON VALET TO TEMPLE MEADS					
<b>Drawing</b> Traffic Signs Non Prescribed Road Markings					
Drawn by:	GAT	Checked by:	JK	Approved by:	JK
Date:	20/11/2017	Date:	20/11/2017	Date:	20/11/2017
Drawing No.	658232.AA.00.01-1200-M20B				
Drawing Scale:	NTS				

Do not write on this drawing  
 Use only ballpoint pen



SIGN FACE: S3 (Dia. 616)			
Font	-	X Ht:	-
Border:	White	Width:	750 mm
B/G:	Red	Height:	750 mm
Material:	RA2	Area:	0.56 m/sq

SIGN FACE: S3 (Non-prescribed)			
Font	Heavy	X Ht:	50 mm
Border:	Black	Width:	725 mm
B/G:	White	Height:	290 mm
Material:	RA2	Area:	0.21 m/sq

**Department for Transport**

Date: 4 April 2018

No. GT50/015/0026-6

**Notes:**

1. For location of signs and markings, refer to drawings 287587-HHE-1200-001 & 287587-HHE-1200-008.
2. The legends shown are from the Transport Heavy Alphabet at the x-height detailed.
3. The tile outlines do not form part of the sign.
4. All dimensions are in millimeters.
5. Sign to be illuminated

Rev	By	CHK	Appr'd	Date	Description
<p>CH2M One Kingsway, Cardiff CF10 1AW Tel: +44 (0) 2920 720000 www.ch2m.com</p> <p style="text-align: right;"><b>ch2m.</b></p>					
<p>Project BRISTOL METROBUS ASHTON VALE TO TEMPLE MEADS</p>					
<p>Drawing Traffic Signs Non Prescribed Traffic Signs</p>					
Drawn by: AK		Date: 15/08/2017			
Checked by: GAT		Date: 16/08/2017			
Approved by: SA		Date: 17/08/2017			
Drawing No. 658232.AA.00.01-1200-S3				Revision -	
Drawing Scale: NTS					



SIGN FACE: S4 (Dia. 562)			
Font	—	X Ht:	—
Border:	Red	Width:	680 mm
B/G:	White	Height:	600 mm
Material:	RA2	Area:	0.2 m/sq

SIGN FACE: S4 (Non-prescribed)			
Font	Heavy	X Ht:	62.5 mm
Border:	Black	Width:	630 mm
B/G:	White	Height:	235 mm
Material:	RA2	Area:	0.15 m/sq


**Department for Transport**

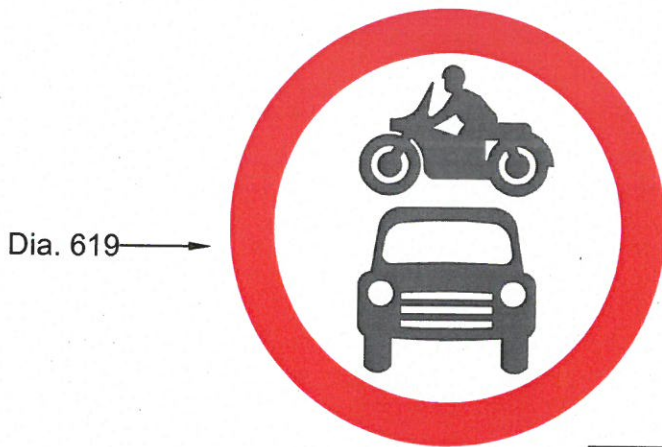
Date: 4 April 2018

No. GT50/015/0026-7

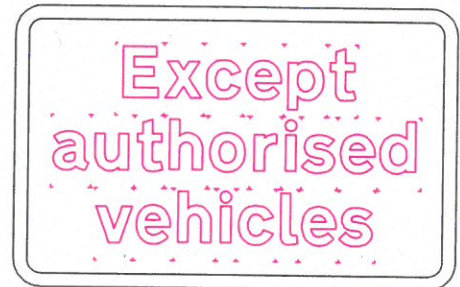
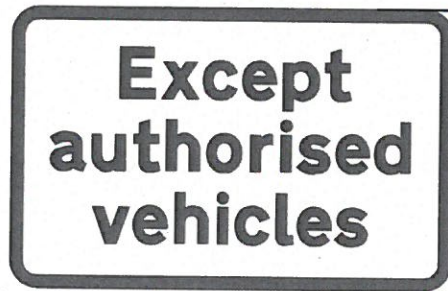
**Notes:**

1. For location of signs and markings, refer to drawings 287587-HHE-1200-001, 287587-HHE-1200-004, 287587-HHE-1200-006, 287587-HHE-1200-007 & 287587-HHE-1200-008.
2. The legends shown are from the Transport Heavy Alphabet at the x-height detailed.
3. The tile outlines do not form part of the sign.
4. All dimensions are in millimeters.

No.	By	Check	Approved	Date	Description
<small>CH2M One Kingsway Cardiff CF10 3AQ Tel: +44 (0) 1222 770000 www.ch2m.com</small> 					
Project: BRISTOL METROBUS ASHTON VALE TO TEMPLE MEADS					
Drawing: Traffic Signs Non Prescribed Traffic Signs					
Drawn by:	AK	Checked by:	GAT	Date:	15/09/2017
Approved by:	JA	Date:	17/02/2017	Revision:	—
Drawing No:	658232.AA.00.01-1200-S4				—
Drawing Scale:	NTS				



Non-prescribed →



30mm

SIGN FACE: S9			
Font	—	X Ht:	—
Border:	Red	Width:	600 mm
B/G:	White	Height:	600 mm
Material:	RA2	Area:	0.36 m/sq

SIGN FACE: S9 (Non-prescribed)			
Font	Heavy	X Ht:	50 mm
Border:	Black	Width:	610 mm
B/G:	White	Height:	390 mm
Material:	RA2	Area:	0.24 m/sq

**Department for Transport**

Date: 4 April 2018

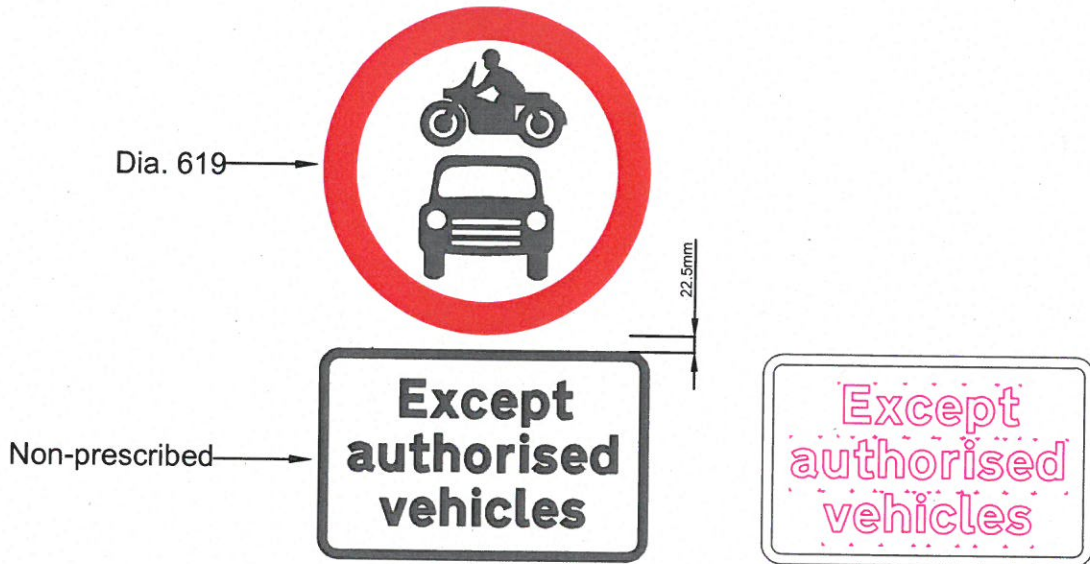
No. GT50/015/0026-8

**Notes:**

1. For location of signs and markings, refer to drawings 287587-HHE-1200-002.
2. The legends shown are from the Transport Heavy Alphabet at the x-height detailed.
3. The tile outlines do not form part of the sign.
4. All dimensions are in millimeters.
5. Sign to be illuminated

Rev	By	Chk'd	Appr'd	Date	Description
<p>CH2M One Kingsway, Cardiff CF10 3AH Tel: +44 (0) 2920 72800 www.ch2m.com</p> <p><b>ch2m.</b></p>					
<p>Project: BRISTOL METROBUS ASHTON VALE TO TEMPLE MEADS</p>					
<p>Drawing: Traffic Signs Non Prescribed Traffic Signs</p>					
Drawn by: AK		Date: 15/06/2017			
Checked by: GAT		Date: 16/06/2017			
Approved by: IA		Date: 17/06/2017			
Drawing No: 658232.AA.00.01-1200-S9				Revision: -	
Drawing Scale: NTS					

Drawing No. 658232.AA.00.01-1200-S9



SIGN FACE: S16 (Dia. 619)			
Font	–	X Ht:	–
Border:	Red	Width:	450 mm
B/G:	White	Height:	450 mm
Material:	RA2	Area:	0.16 m/sq

SIGN FACE: S16 (Non-prescribed)			
Font	Heavy	X Ht:	37.5 mm
Border:	Black	Width:	455 mm
B/G:	White	Height:	290 mm
Material:	RA2	Area:	0.13 m/sq

**Department for Transport**

Date: 4 April 2018

No. GT50/015/0026-9

**Notes:**

1. For location of signs and markings, refer to drawings 287587-HHE-1200-001, 287587-HHE-1200-005 & 287587-HHE-1200-008.
2. The legends shown are from the Transport Heavy Alphabet at the x-height detailed.
3. The tile outlines do not form part of the sign.
4. All dimensions are in millimeters.
5. Sign to be illuminated

Rev	By	Chkd	Issued	Date	Description
<p>CH2M            One Kingsway, Cardiff CF10 3AU            Tel: +44 (0) 2920 73800            www.ch2m.com</p> <p><b>ch2m</b></p>					
<p>Project: BRISTOL METROBUS ASHTON VALE TO TEMPLE MEADS</p>					
<p>Drawing: Traffic Signs Non Prescribed Traffic Signs</p>					
Drawn by: AK		Date: 15/08/2017			
Checked by: GAT		Date: 16/08/2017			
Approved by: BK		Date: 17/08/2017			
Drawing No:		Revision:			
658232.AA.00.01-1200-S16		-			
Drawing Scale: NTS					