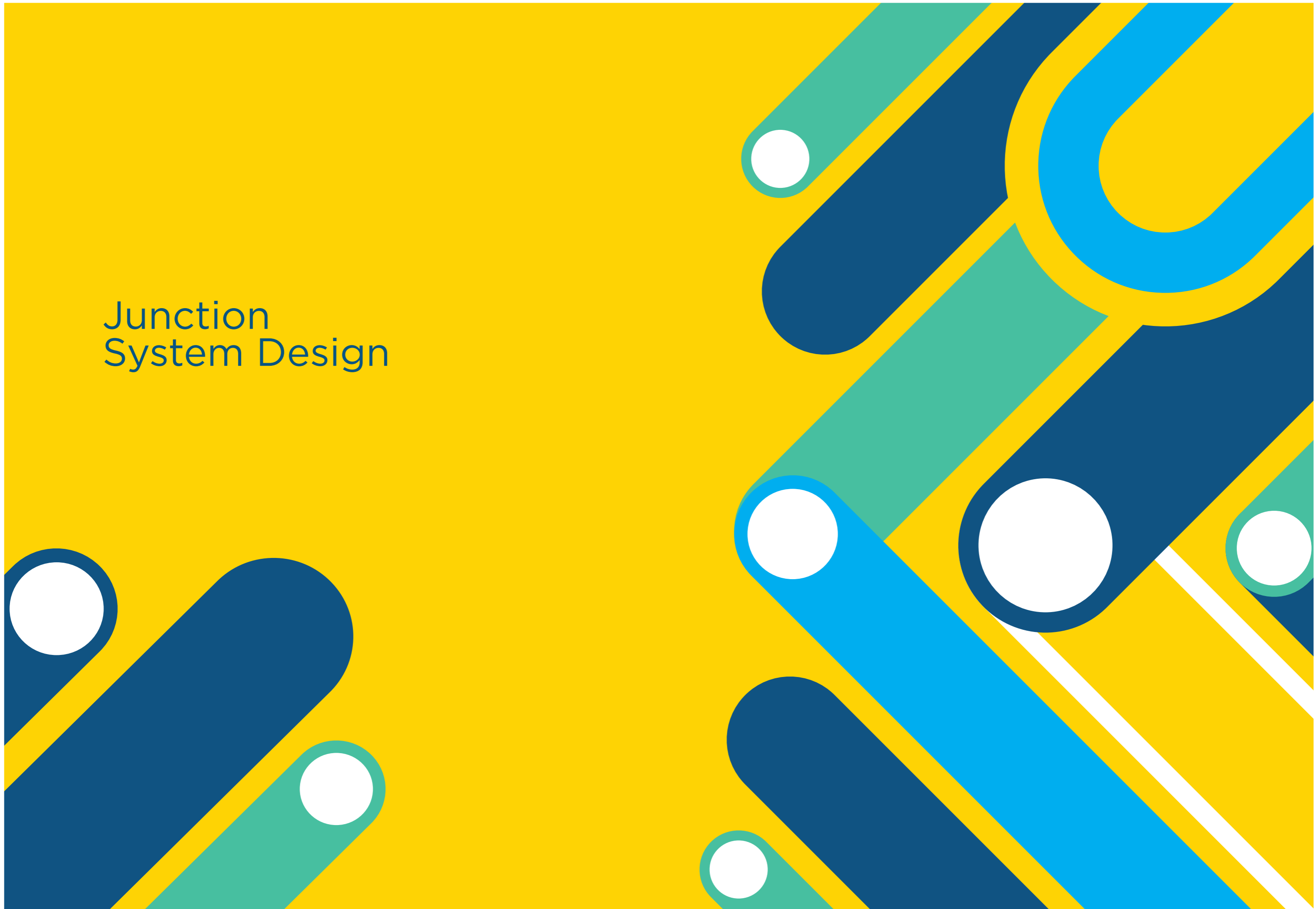
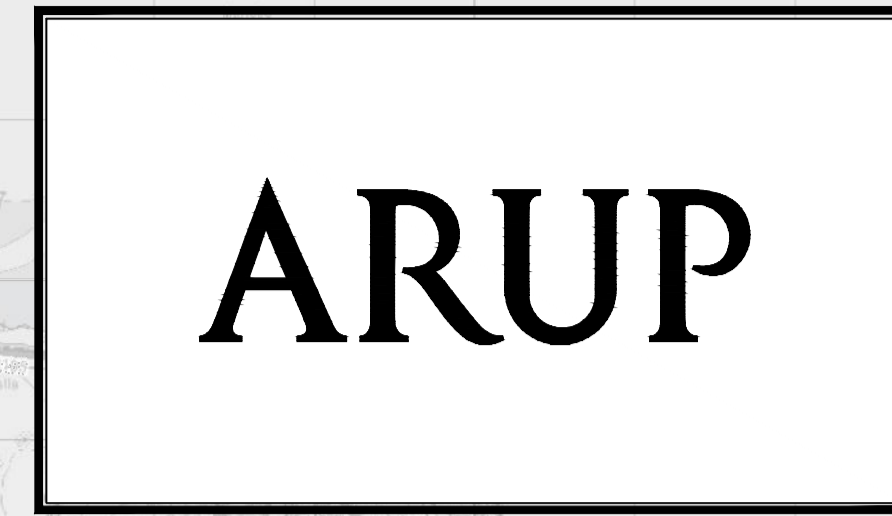


Junction
System Design





BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS

BELFIELD / BLACKROCK TO CITY CENTRE CORE BUS CORRIDOR SCHEME

JUNCTION SYSTEMS DESIGN	
DRAWING SERIES NUMBER(S)	DRAWING SERIES DESCRIPTION
BCIDC-ARP-TSM_IX-1415_XX_00-DR-TR-0001	BELFIELD / BLACKROCK TO CITY CENTRE CORE BUS CORRIDOR SCHEME. JUNCTION SYSTEMS DESIGN. COVER SHEET
BCIDC-ARP-TSM_KP-1415_XX_00-DR-TR-0001	BELFIELD / BLACKROCK TO CITY CENTRE CORE BUS CORRIDOR SCHEME. JUNCTION SYSTEMS DESIGN. KEY PLAN
BCIDC-ARP-TSM_SJ-1415_XX_00-DR-TR-0001 to 0031	BELFIELD / BLACKROCK TO CITY CENTRE CORE BUS CORRIDOR SCHEME. JUNCTION SYSTEMS DESIGN

\\global\europa\dublin\jobs\268401\004_Interna\4-02 Drawings\4-02 BCIDC\BCIDC-ARP-TSM_IX-1415_XX_00-DR-TR-0001.dwg

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Rev	Date	Drn	Chk'd	App'd	Description
M01	04/03/2022	BM	BB	NH	ISSUE FOR PHASE 4: PLANNING

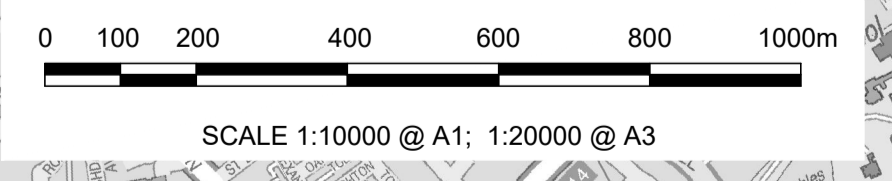
Client NTA Údarás Náisiúnta Iompair National Transport Authority		Engineering Designer ARUP		
Date 04/03/2022	Scale N/A @ A1 N/A @ A3	Drawn BM	Checked BB	Approved NH
Project Code BCIDC	Originator Code ARP	QMS Code 268401-00		

Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title BELFIELD / BLACKROCK TO CITY CENTRE CORE BUS CORRIDOR SCHEME JUNCTION SYSTEMS DESIGN COVER SHEET			
Drawing File Name BCIDC-ARP-TSM_IX-1415_XX_00-DR-TR-0001	Sheet Number 01 of 01	Status A	Rev M01

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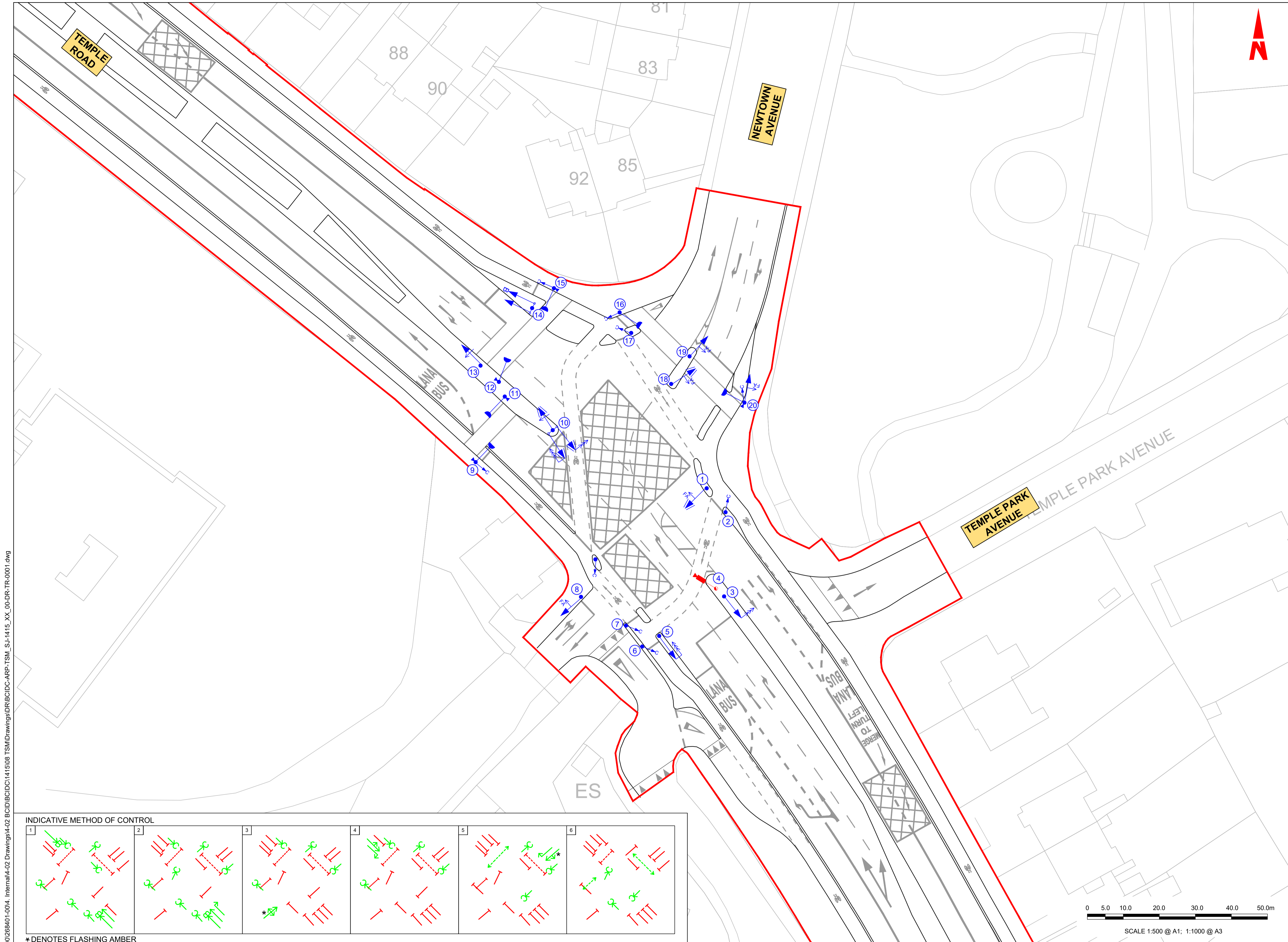
Rev	Date	Drn	Chk'd	App'd	Description
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Client
NTA
 Údarás Náisiúnta Iompair
 National Transport Authority

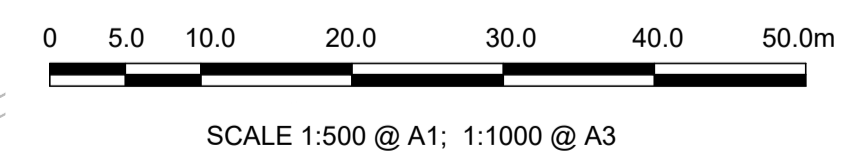
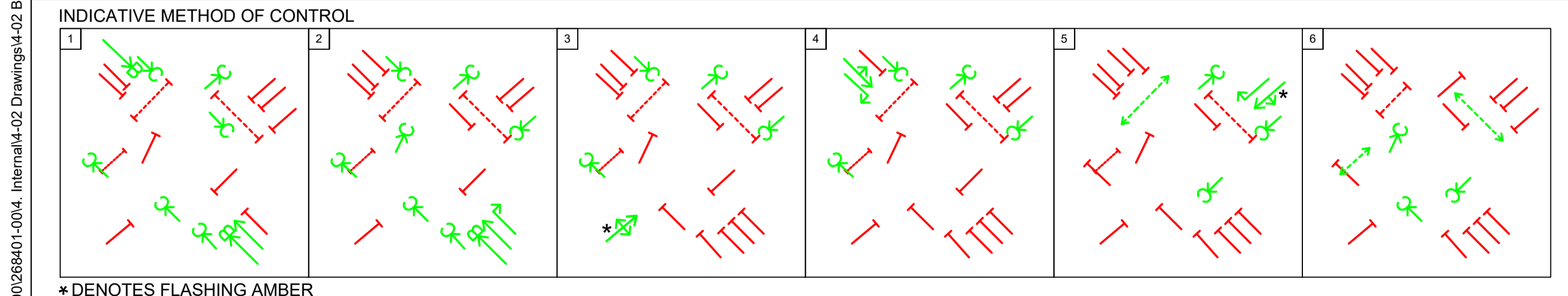
Engineering Designer
ARUP

Programme Title		Drawing Title	
BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS		BELFIELD / BLACKROCK TO CITY CENTRE CORE BUS CORRIDOR SCHEME JUNCTION SYSTEMS DESIGN KEY PLAN	
Date	Scale	Drawn	Checked
04/03/2022	1:10000 @ A1 1:20000 @ A3	BM	BB
Project Code	Originator Code	QMS Code	Approved
BCIDC	ARP	268401-00	NH
Drawing File Name	Sheet Number	Status	Rev
BCIDC-ARP-TSM_KP-1415_XX_00-DR-TR-0001	01 of 01	A	M01

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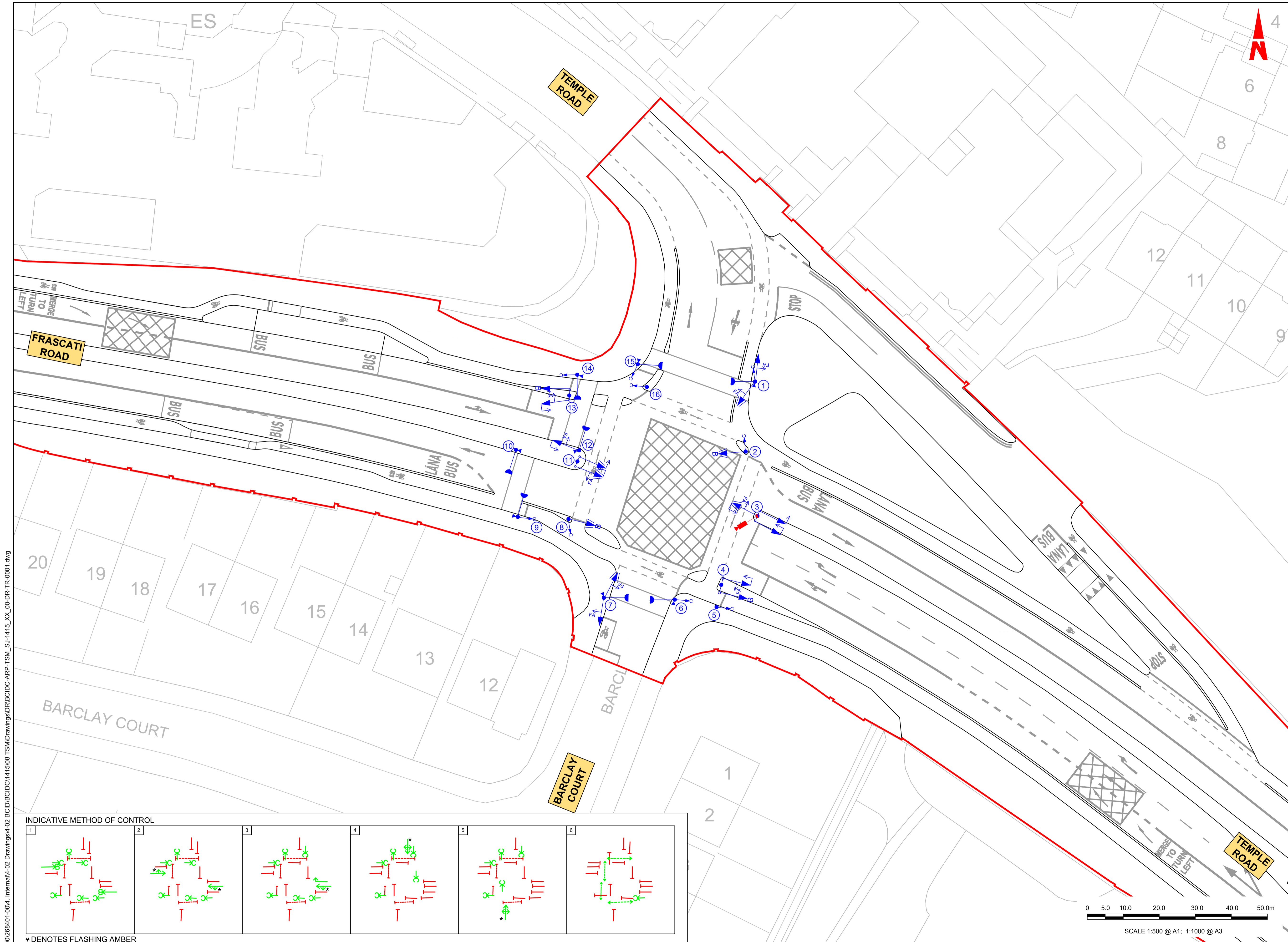
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 - RTS 002 (D) PRIMARY
 - RTS 002 (H) PRIMARY
 - RTS 002 (H) SECONDARY
 - RTS 002 (G) PRIMARY
 - RTS 002 (G) SECONDARY
 - RTS 003 (A) PRIMARY
 - RTS 003 (A) SECONDARY
 - RPC 004 PEDESTRIAN HEAD
 - RTS 004 PRIMARY
 - RTS 004 SECONDARY
 - RTS 007 (LOW LEVEL) PRIMARY
- TRAFFIC SIGNAL EQUIPMENT:**
- POLE (STANDARD HEIGHT)
 - POLE NUMBER
 - PUSH BUTTON UNIT
 - PAN / TILT / ZOOM CCTV CAMERA
 - TALL POLE (CCTV/TRAFFIC SIGNALS)
- GENERAL:**
- SITE BOUNDARY LINE
 - TEMPORARY LAND ACQUISITION



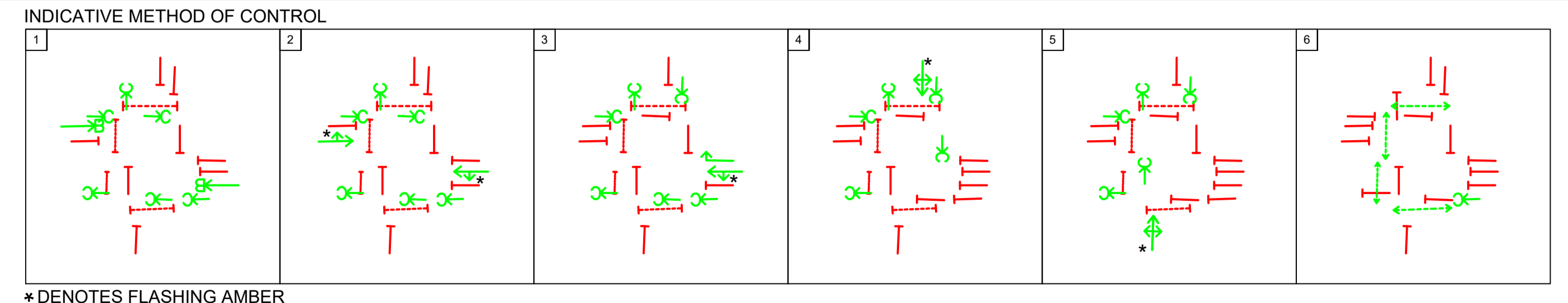
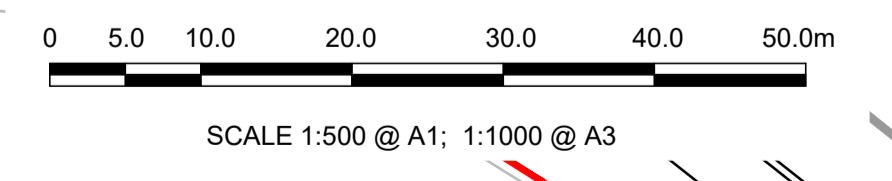
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				<p>Date 04/03/2022</p> <p>Scale 1:250 @ A1</p> <p>1:500 @ A3</p>		<p>QMS Code</p> <p>268401-00</p>			<p>Drawing File Name</p> <p>BCIDC-ARP-TSM_SJ-1415_XX_00-DR-TR-0002</p>		
						<p>Project Code BCIDC</p> <p>Originator Code ARP</p>			<p>Sheet Number 02 of 31</p> <p>Status A</p> <p>Rev M01</p>		

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- TRAFFIC SIGNAL HEADS:**
- RTS 002 (B) PRIMARY
 - RTS 002 (C) PRIMARY
 - RTS 002 (C) SECONDARY
 - RTS 002 (D) PRIMARY
 - RTS 002 (D) SECONDARY
 - RTS 004 PRIMARY
 - RTS 004 SECONDARY
 - RTS 004 PRIMARY
 - RTS 004 SECONDARY
 - RTS 007 (LOW LEVEL) PRIMARY
 - RPC 004 PEDESTRIAN HEAD
- TRAFFIC SIGNAL EQUIPMENT:**
- POLE (STANDARD HEIGHT)
 - POLE NUMBER
 - PUSH BUTTON UNIT
 - PAN / TILT / ZOOM CCTV CAMERA
 - TALL POLE (CCTV/TRAFFIC SIGNALS)
- GENERAL:**
- SITE BOUNDARY LINE
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Rev	Date	Drm	Chk'd	App'd	Description
M01	04/03/2022	BM	BB	NH	ISSUE FOR PHASE 4: PLANNING

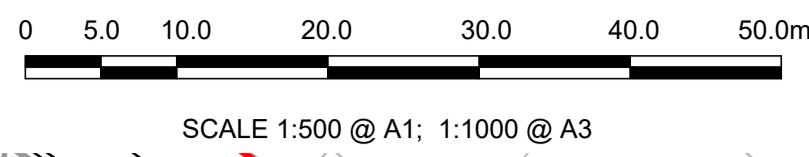
Client

Engineering Designer

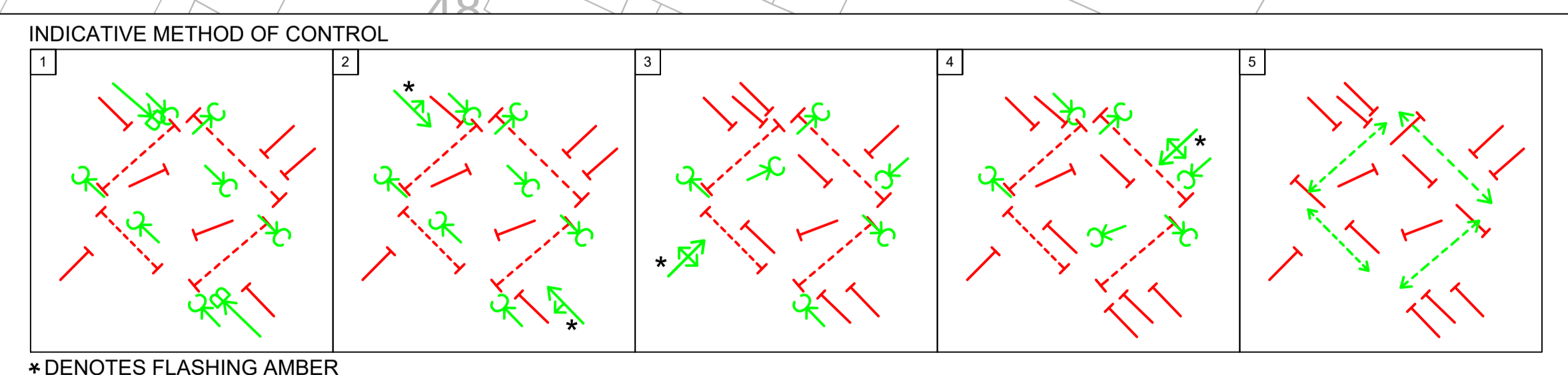
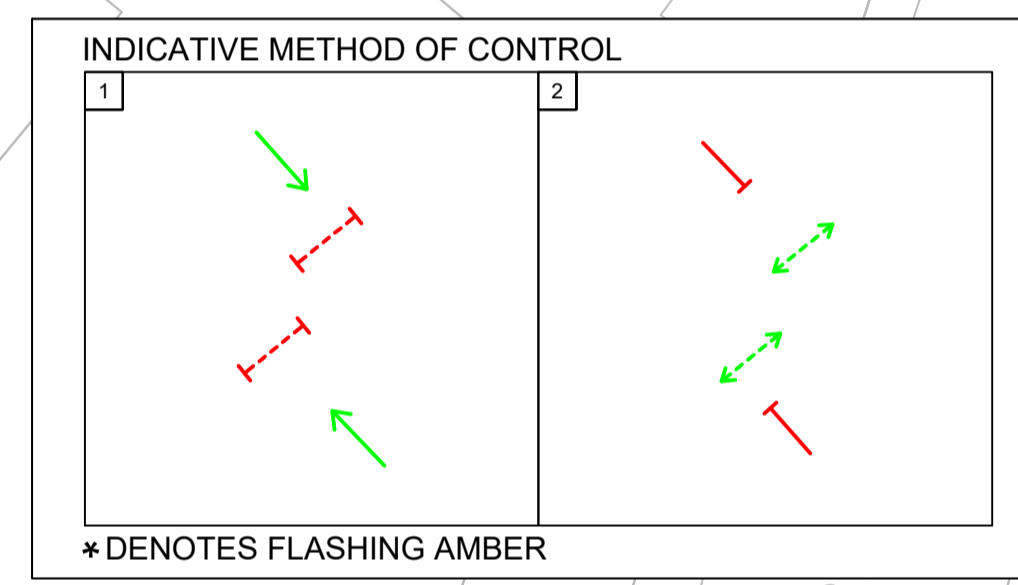
Programme Title		BUSCONNECTS DUBLIN		
		CORE BUS CORRIDORS INFRASTRUCTURE WORKS		
Drawing Title		BELFIELD / BLACKROCK TO CITY CENTRE CORE BUS CORRIDOR SCHEME JUNCTION SYSTEMS DESIGN FRASCATI ROAD / TEMPLE ROAD JUNCTION		
Drawing File Name	Sheet Number	Status	Rev	
BCIDC-ARP-TSM_SJ-1415_XX_00-DR-TR-0003	03 of 31	A	M01	

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- LEGEND:**
- TRAFFIC SIGNAL HEADS:**
- RTS 001 PRIMARY
 - RTS 001 SECONDARY
 - RTS 002 (D) PRIMARY
 - RTS 002 (D) SECONDARY
 - RTS 004 PRIMARY
 - RTS 004 SECONDARY
 - RTS 004 PRIMARY
 - RTS 004 SECONDARY
 - RTS 007 (HIGH LEVEL) PRIMARY
 - RTS 007 (LOW LEVEL) PRIMARY
 - RPC 004 PEDESTRIAN HEAD
- TRAFFIC SIGNAL EQUIPMENT:**
- POLE (STANDARD HEIGHT)
 - POLE NUMBER
 - PUSH BUTTON UNIT
 - PAN / TILT / ZOOM CCTV CAMERA
 - TALL POLE (CCTV/TRAFFIC SIGNALS)
- GENERAL:**
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M01	04/03/2022	BM	BB	NH	ISSUE FOR PHASE 4: PLANNING

Client: **NTA**
Údarás Náisiúnta Iompair
National Transport Authority

Engineering Designer: **ARUP**

Date: 04/03/2022 Scale: 1:250 @ A1, 1:500 @ A3

Drawn: BM, Checked: BB, Approved: NH

Project Code: BCIDC, Originator Code: ARP, QMS Code: 268401-00

Programme Title: **BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS**

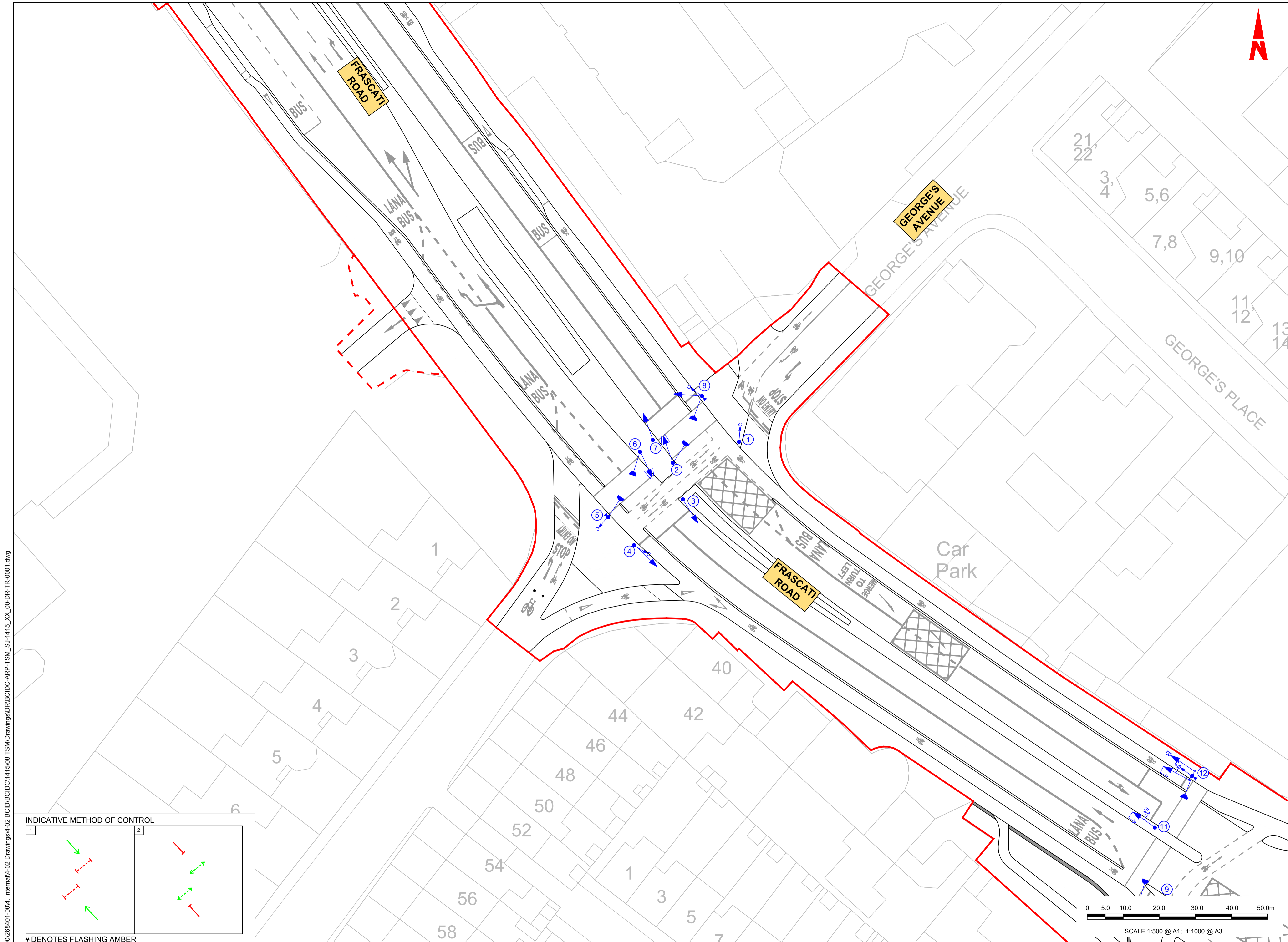
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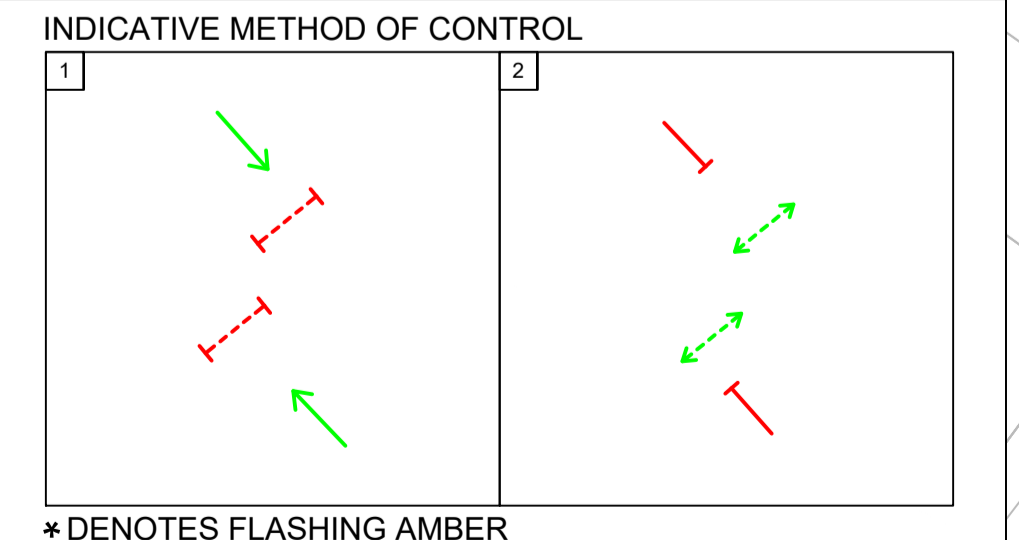
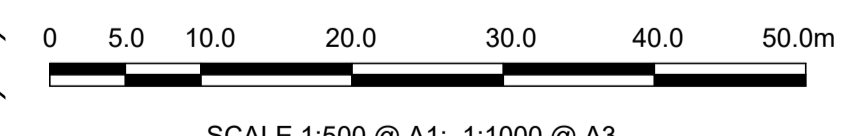
Sheet Number: 04 of 31, Status: A, Rev: M01

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- LEGEND:**
- TRAFFIC SIGNAL HEADS:**
- RTS 001 PRIMARY
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 - RTS 007 (LOW LEVEL) PRIMARY
 - RPC 004 PEDESTRIAN HEAD
- TRAFFIC SIGNAL EQUIPMENT:**
- POLE (STANDARD HEIGHT)
 - ⊗ POLE NUMBER
 - PUSH BUTTON UNIT
- GENERAL:**
- SITE BOUNDARY LINE
 - - - TEMPORARY LAND ACQUISITION



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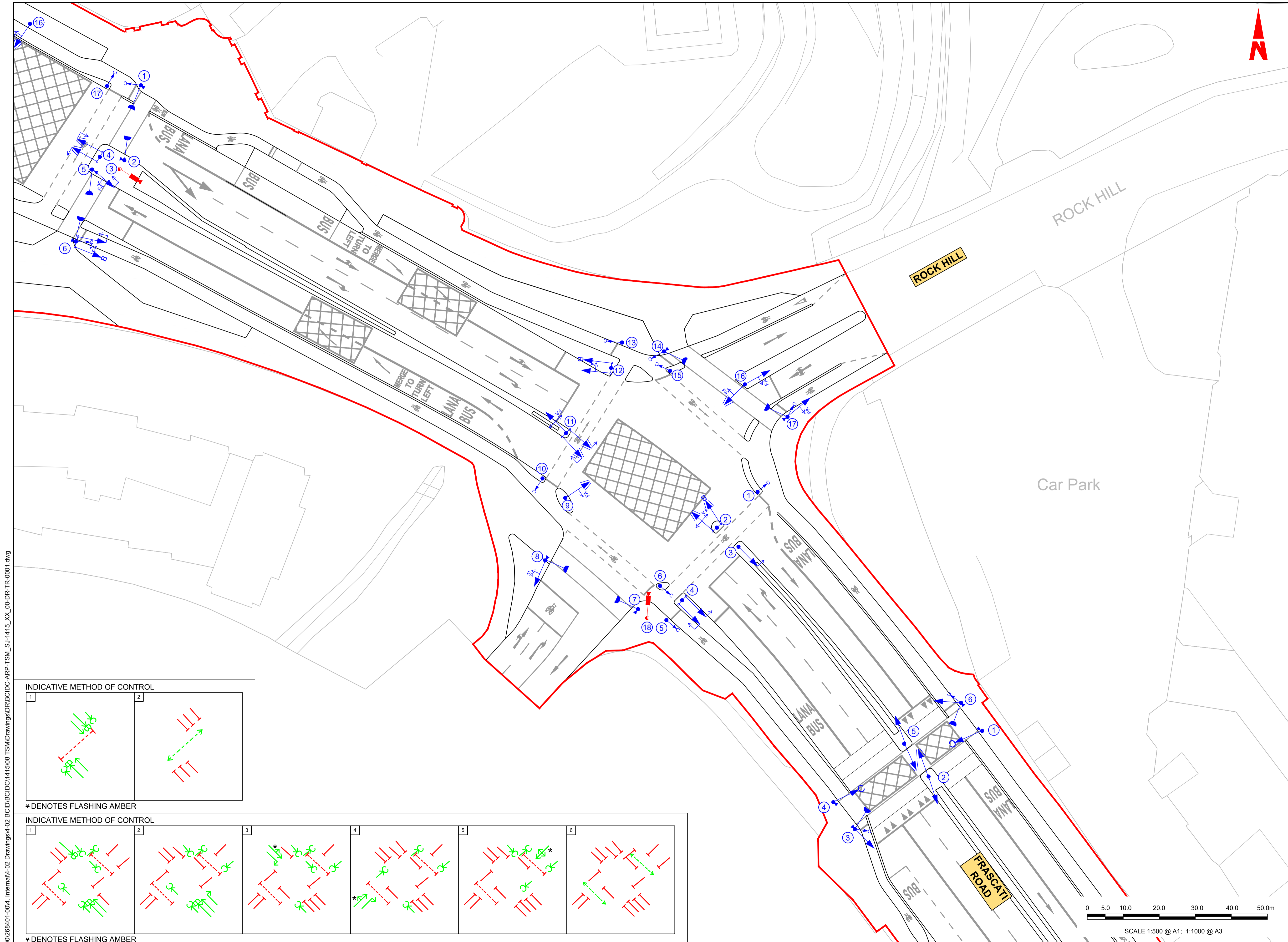
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M01	04/03/2022	BM	BB	NH	ISSUE FOR PHASE 4: PLANNING

Client

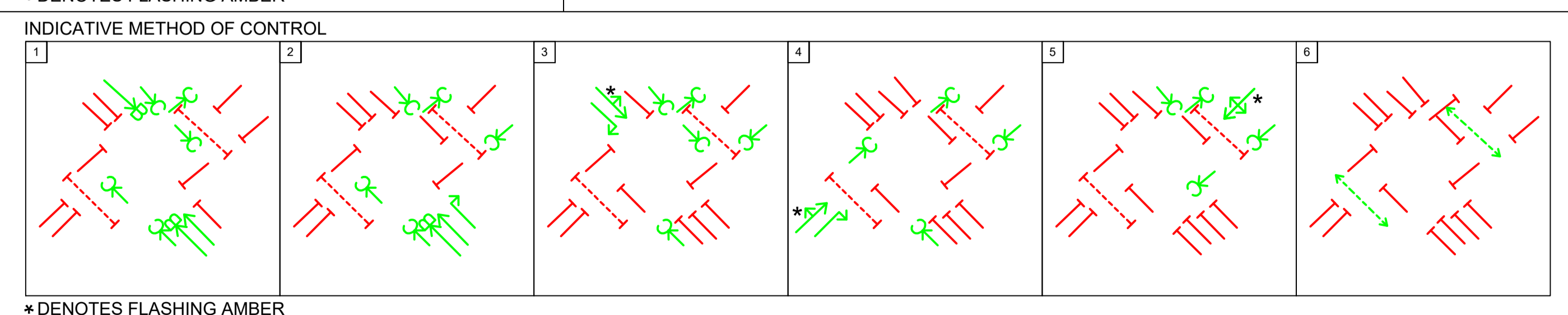
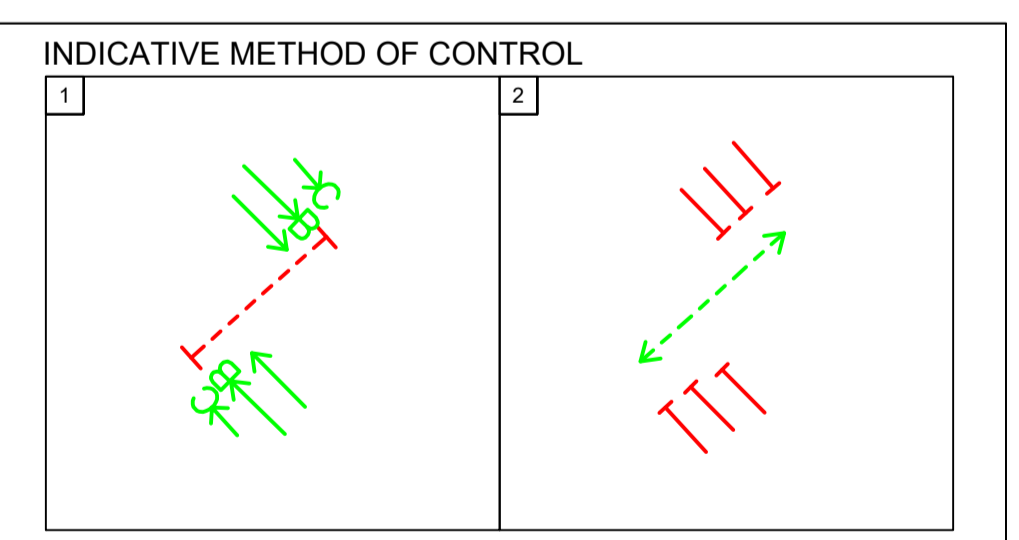
Engineering Designer

Programme Title		BUSCONNECTS DUBLIN		
		CORE BUS CORRIDORS INFRASTRUCTURE WORKS		
Drawing Title		BELFIELD / BLACKROCK TO CITY CENTRE CORE BUS CORRIDOR SCHEME JUNCTION SYSTEMS DESIGN FRASCATI ROAD / GEORGE'S AVENUE JUNCTION		
Date	Scale	Drawn	Checked	Approved
04/03/2022	1:250 @ A1 1:500 @ A3	BM	BB	NH
Project Code	Originator Code	QMS Code		
BCIDC	ARP	268401-00		
Drawing File Name	Sheet Number	Status	Rev	
BCIDC-ARP-TSM_SJ-1415_XX_00-DR-TR-0005	05 of 31	A	M01	

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- LEGEND:**
- TRAFFIC SIGNAL HEADS:**
- RTS 001 PRIMARY
 - RTS 001 SECONDARY
 - RTS 002 (B) PRIMARY
 - RTS 002 (B) SECONDARY
 - RTS 002 (C) PRIMARY
 - RTS 002 (C) SECONDARY
 - RTS 002 (D) PRIMARY
 - RTS 002 (D) SECONDARY
 - RTS 004 PRIMARY
 - RTS 004 SECONDARY
 - RTS 004 PRIMARY
 - RTS 004 SECONDARY
 - RTS 007 (HIGH LEVEL) PRIMARY
 - RTS 007 (LOW LEVEL) PRIMARY
 - RPC 004 PEDESTRIAN HEAD
- TRAFFIC SIGNAL EQUIPMENT:**
- POLE (STANDARD HEIGHT)
 - PUSH BUTTON UNIT
 - PAN / TILT / ZOOM CCTV CAMERA
 - TALL POLE (CCTV/TRAFFIC SIGNALS)
 - POLE NUMBER
- GENERAL:**
- SITE BOUNDARY LINE
 - TEMPORARY LAND ACQUISITION



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Rev	Date	Drm	Chk'd	App'd	Description
M01	04/03/2022	BM	BB	NH	ISSUE FOR PHASE 4: PLANNING

Project Ireland 2040
Building Ireland's Future

NTA
Údarás Náisiúnta Iompair
National Transport Authority

Date: 04/03/2022
Scale: 1:250 @ A1, 1:500 @ A3

Client: **NTA**

Engineering Designer: **ARUP**

Programme Title: **BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS**

Drawing Title: BELFIELD / BLACKROCK TO CITY CENTRE CORE BUS CORRIDOR SCHEME JUNCTION SYSTEMS DESIGN FRASCATI ROAD / ROCK HILL JUNCTION AND TOUCAN CROSSING

Drawing File Name: BCIDC-ARP-TSM_SJ-1415_XX_00-DR-TR-0006

Sheet Number: 06 of 31

Status: A

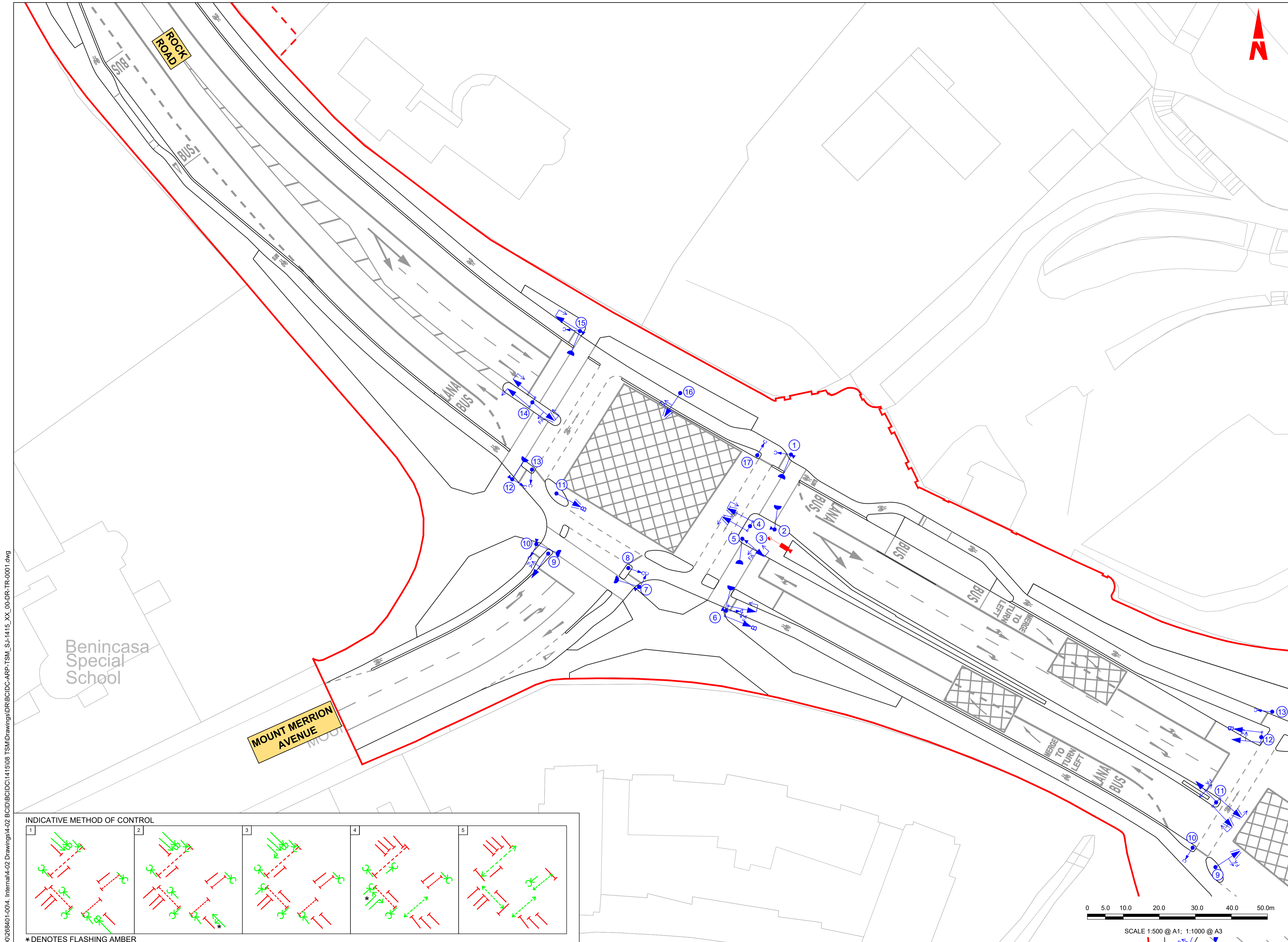
Rev: M01

Rev	Date	Drm	Chk'd	App'd	Description
M01	04/03/2022	BM	BB	NH	ISSUE FOR PHASE 4: PLANNING

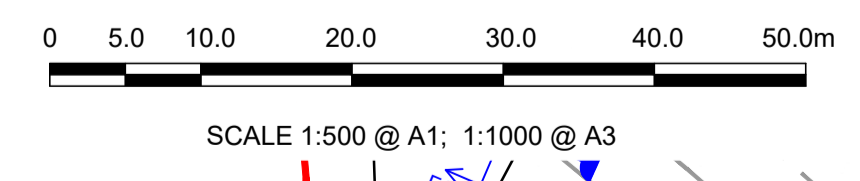
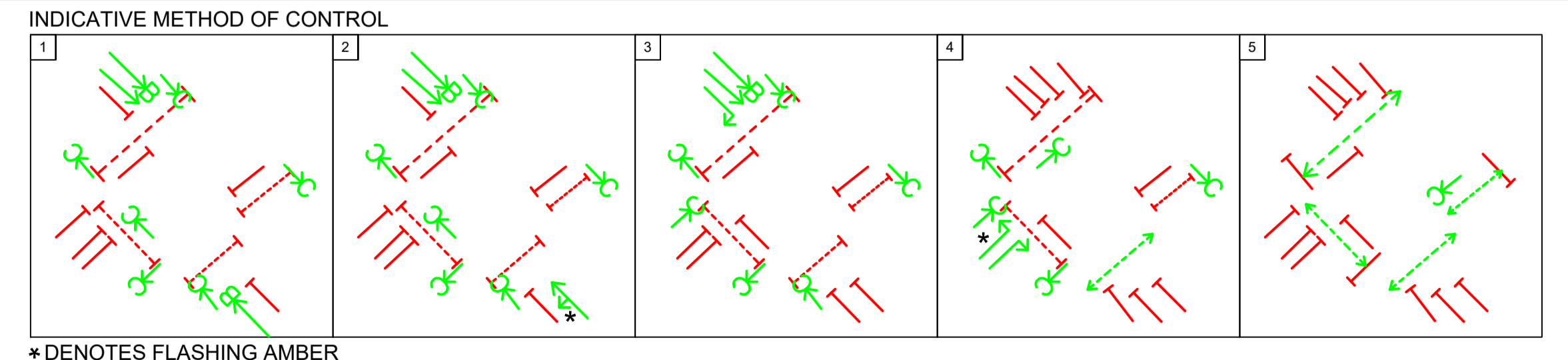
Rev	Date	Drm	Chk'd	App'd	Description
M01	04/03/2022	BM	BB	NH	ISSUE FOR PHASE 4: PLANNING

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- LEGEND:**
- TRAFFIC SIGNAL HEADS:**
- RTS 002 (B) PRIMARY
 - RTS 002 (B) SECONDARY
 - RTS 002 (C) PRIMARY
 - RTS 002 (C) SECONDARY
 - RTS 002 (D) PRIMARY
 - RTS 002 (D) SECONDARY
 - RTS 004 PRIMARY
 - RTS 004 SECONDARY
 - RTS 004 PRIMARY
 - RTS 004 SECONDARY
 - RTS 007 (LOW LEVEL) PRIMARY
 - RPC 004 PEDESTRIAN HEAD
- TRAFFIC SIGNAL EQUIPMENT:**
- POLE NUMBER
 - POLE (STANDARD HEIGHT)
 - PUSH BUTTON UNIT
 - PAN / TILT / ZOOM CCTV CAMERA
 - TALL POLE (CCTV/TRAFFIC SIGNALS)
- GENERAL:**
- SITE BOUNDARY LINE
 - TEMPORARY LAND ACQUISITION



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Project Ireland 2040
Building Ireland's Future

Rev	Date	Drn	Chk'd	App'd	Description
M01	04/03/2022	BM	BB	NH	ISSUE FOR PHASE 4: PLANNING

Client: **NTA**
Údarás Náisiúnta Iompair
National Transport Authority

Engineering Designer: **ARUP**

Date: 04/03/2022
Scale: 1:250 @ A1
1:500 @ A3

Drawn: BM
Checked: BB
Approved: NH

Project Code: BCIDC
Originator Code: ARP
QMS Code: 268401-00

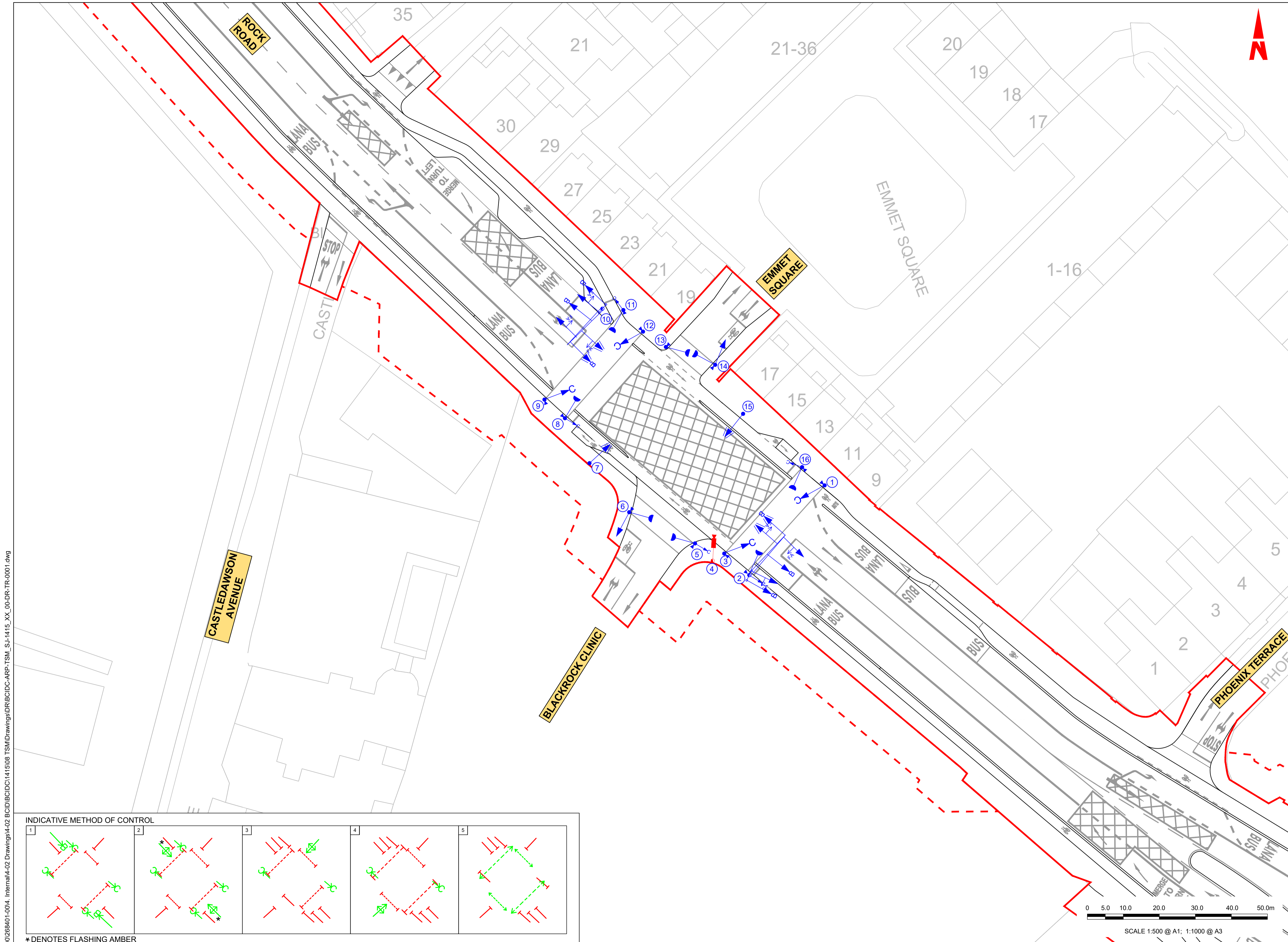
Programme Title: **BUSCONNECTS DUBLIN**
CORE BUS CORRIDORS INFRASTRUCTURE WORKS

Drawing Title: BELFIELD / BLACKROCK TO CITY CENTRE CORE BUS CORRIDOR SCHEME
JUNCTION SYSTEMS DESIGN
ROCK ROAD / MOUNT MERRION AVENUE JUNCTION

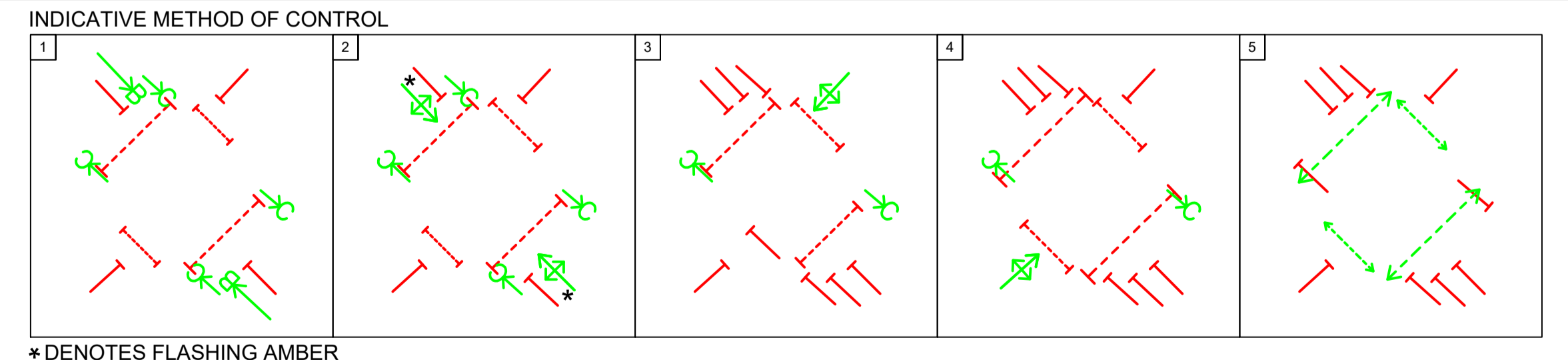
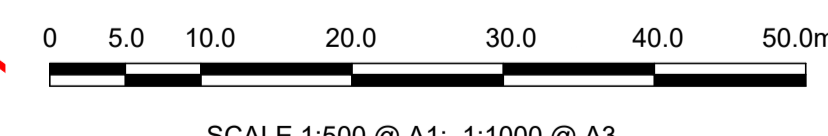
Drawing File Name: BCIDC-ARP-TSM_SJ-1415_XX_00-DR-TR-0007

Sheet Number: 07 of 31
Status: A
Rev: M01

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- LEGEND:**
- TRAFFIC SIGNAL HEADS:**
- RTS 001 PRIMARY
 - RTS 001 SECONDARY
 - RTS 002 (D) PRIMARY
 - RTS 002 (D) SECONDARY
 - RTS 004 PRIMARY
 - RTS 004 SECONDARY
 - RPC 004 PEDESTRIAN HEAD
 - RTS 007 (HIGH LEVEL) PRIMARY
 - RTS 007 (LOW LEVEL) PRIMARY
- TRAFFIC SIGNAL EQUIPMENT:**
- POLE (STANDARD HEIGHT)
 - PUSH BUTTON UNIT
 - MAST ARM (VARIABLE LENGTH)
 - TALL POLE (TRAFFIC SIGNALS)
 - PAN / TILT / ZOOM CCTV CAMERA
 - TALL POLE (CCTV/TRAFFIC SIGNALS)
 - POLE NUMBER
- GENERAL:**
- SITE BOUNDARY LINE
 - TEMPORARY LAND ACQUISITION



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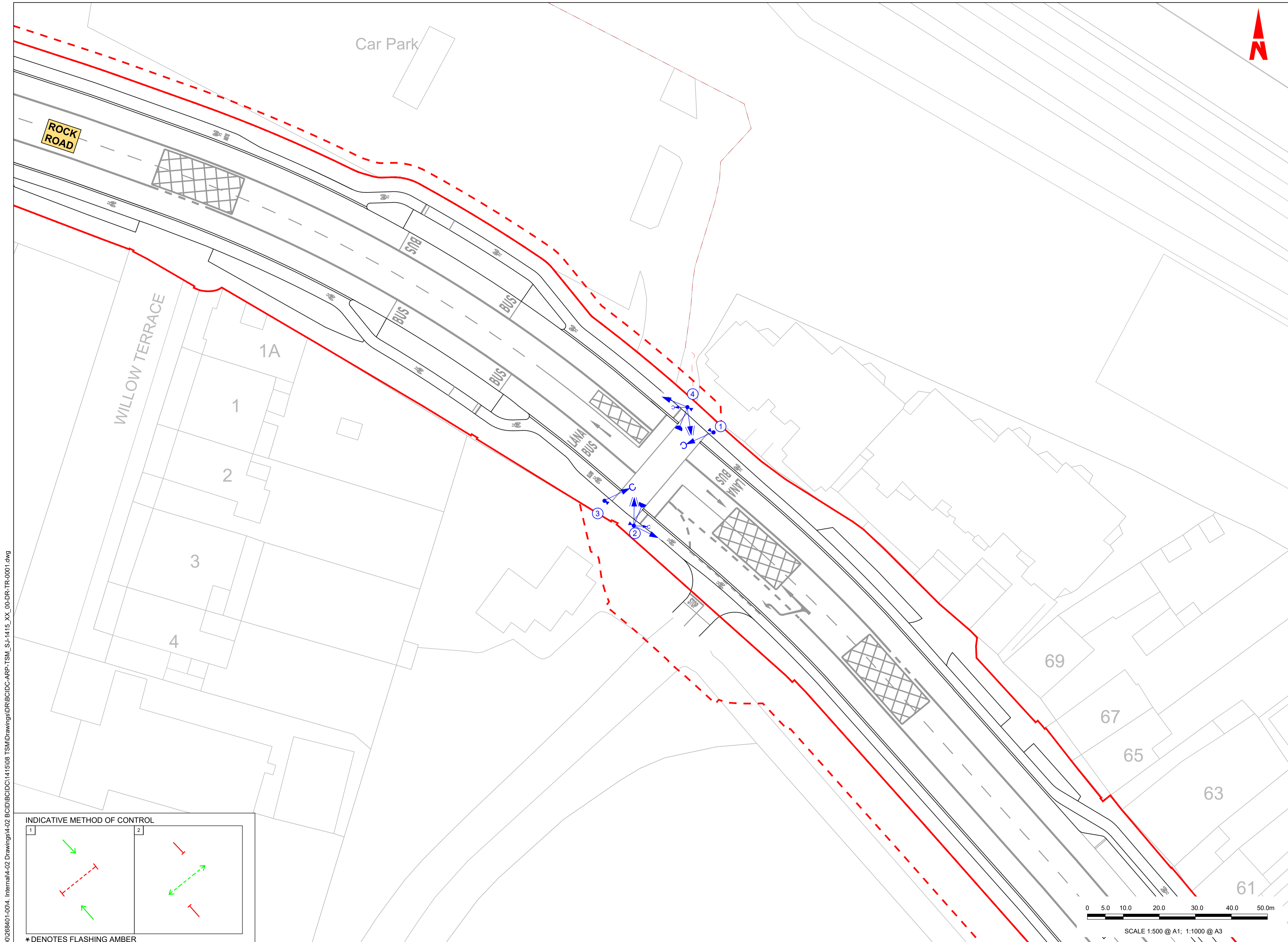
Client

Engineering Designer

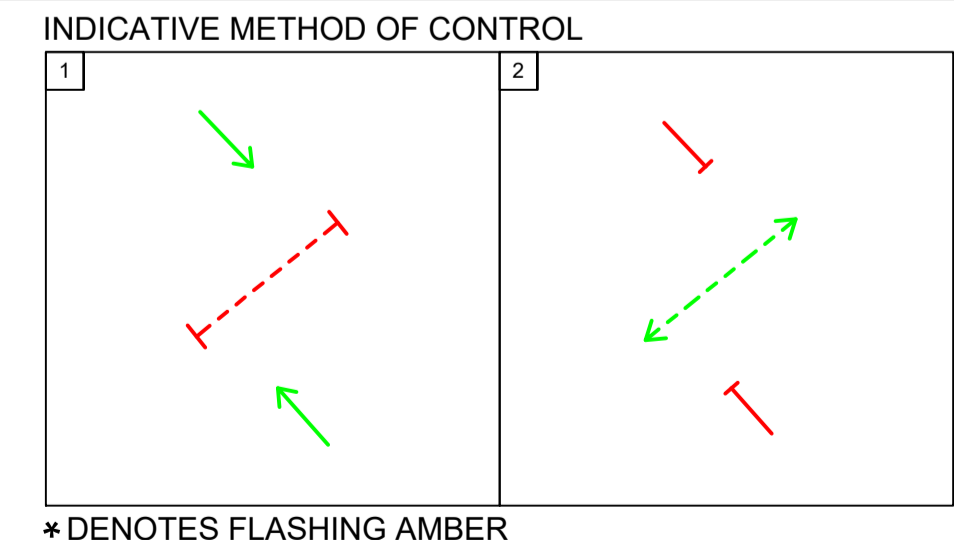
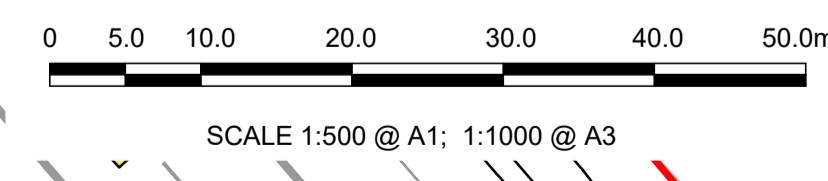
Programme Title		BUSCONNECTS DUBLIN		
		CORE BUS CORRIDORS INFRASTRUCTURE WORKS		
Drawing Title				
BELFIELD / BLACKROCK TO CITY CENTRE CORE BUS CORRIDOR SCHEME				
JUNCTION SYSTEMS DESIGN				
ROCK ROAD / EMMET SQUARE JUNCTION / BLACKROCK CLINIC				
Drawing File Name	Sheet Number	Status	Rev	
BCIDC-ARP-TSM_SJ-1415_XX_00-DR-TR-0008	08 of 31	A	M01	

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- LEGEND:**
- TRAFFIC SIGNAL HEADS:**
- RTS 001 PRIMARY
 - RTS 001 SECONDARY
 - RPC 004 PEDESTRIAN HEAD
 - RTS 007 (HIGH LEVEL) PRIMARY
 - RTS 007 (LOW LEVEL) PRIMARY
- TRAFFIC SIGNAL EQUIPMENT:**
- PUSH BUTTON UNIT
 - POLE (STANDARD HEIGHT)
 - POLE NUMBER
- GENERAL:**
- SITE BOUNDARY LINE
 - TEMPORARY LAND ACQUISITION



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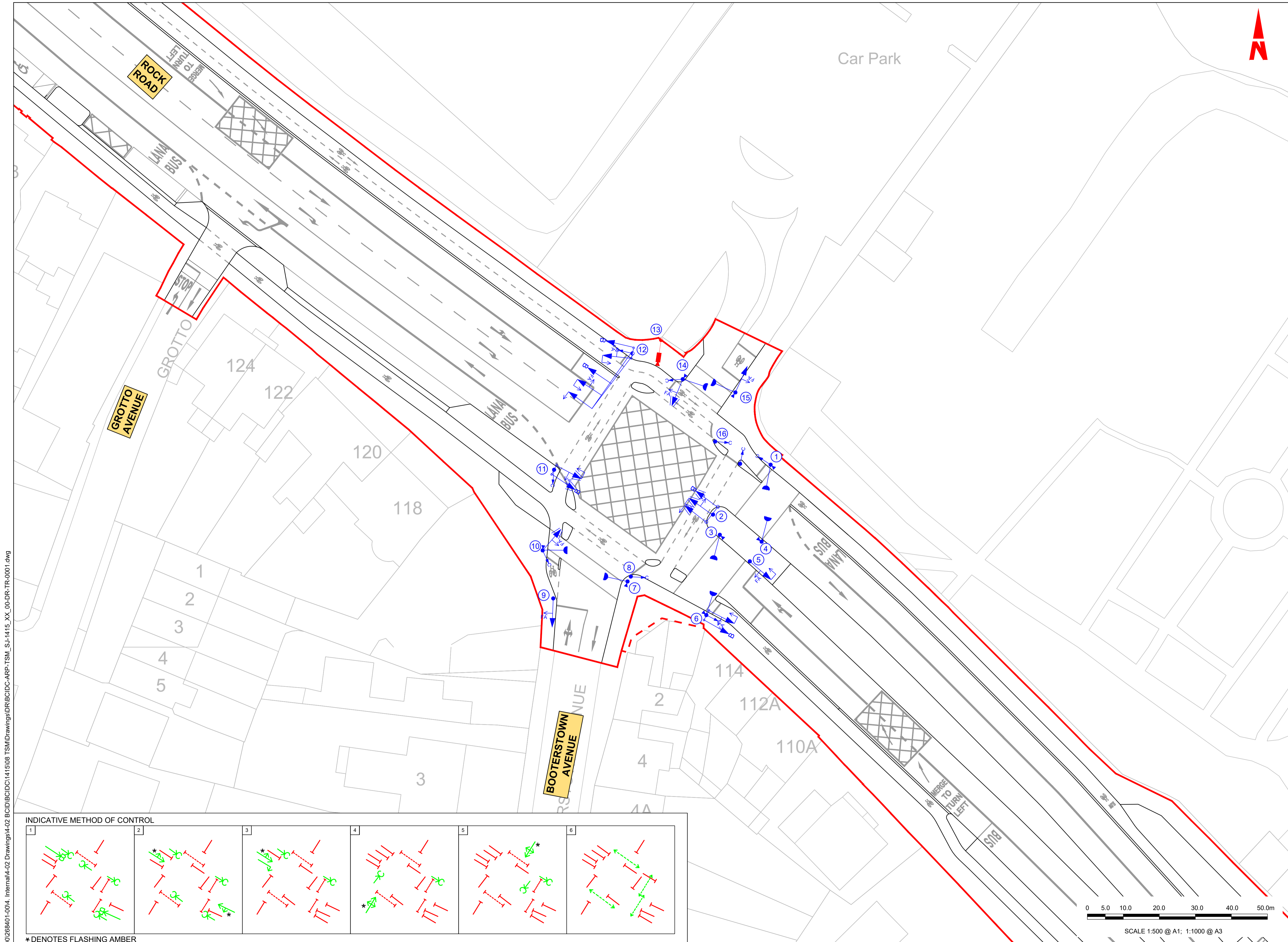
Rev	Date	Drm	Chk'd	App'd	Description
M01	04/03/2022	BM	BB	NH	ISSUE FOR PHASE 4: PLANNING

Client

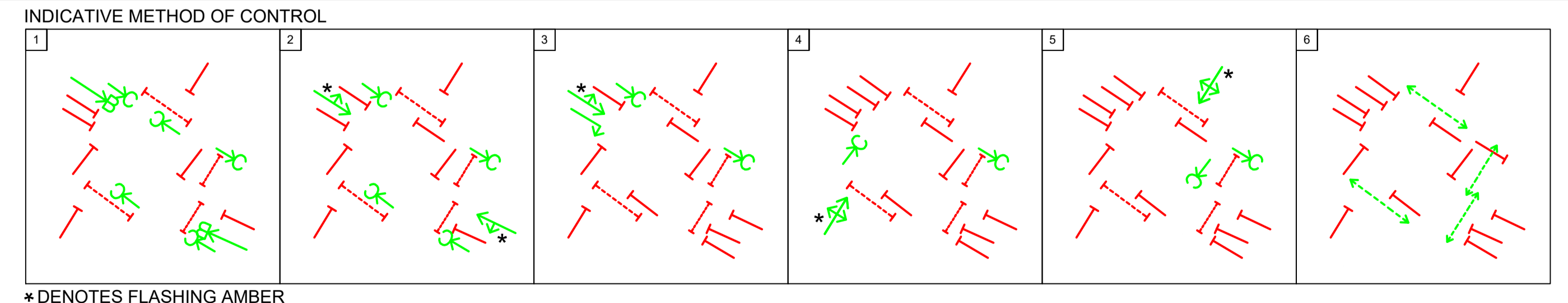
Engineering Designer

Programme Title			
BUSCONNECTS DUBLIN			
CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title			
BELFIELD / BLACKROCK TO CITY CENTRE CORE BUS CORRIDOR SCHEME			
JUNCTION SYSTEMS DESIGN			
ROCK ROAD TOUCAN CROSSING			
Drawing File Name	Sheet Number	Status	Rev
BCIDC-ARP-TSM_SJ-1415_XX_00-DR-TR-0009	09 of 31	A	M01

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- TRAFFIC SIGNAL HEADS:**
- RTS 002 (C) PRIMARY
 - RTS 002 (C) SECONDARY
 - RTS 002 (D) PRIMARY
 - RTS 002 (D) SECONDARY
 - RTS 004 PRIMARY
 - RTS 004 SECONDARY
 - RTS 004 PRIMARY
 - RTS 004 SECONDARY
 - RTS 007 (LOW LEVEL) PRIMARY
 - RPC 004 PEDESTRIAN HEAD
- TRAFFIC SIGNAL EQUIPMENT:**
- POLE NUMBER
 - POLE (STANDARD HEIGHT)
 - PUSH BUTTON UNIT
 - MAST ARM (VARIABLE LENGTH)
 - TALL POLE (TRAFFIC SIGNALS)
 - PAN / TILT / ZOOM CCTV CAMERA
 - TALL POLE (CCTV/TRAFFIC SIGNALS)
- GENERAL:**
- SITE BOUNDARY LINE
 - TEMPORARY LAND ACQUISITION



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Client

Udarás Náisiúnta Iompair
National Transport Authority

Engineering Designer

ARUP

Programme Title

**BUSCONNECTS DUBLIN
CORE BUS CORRIDORS INFRASTRUCTURE WORKS**

Drawing Title

BELFIELD / BLACKROCK TO CITY CENTRE CORE BUS CORRIDOR SCHEME
JUNCTION SYSTEMS DESIGN
ROCK ROAD / BOOTERSTOWN AVENUE JUNCTION

Date	Scale	Drawn	Checked	Approved
04/03/2022	1:250 @ A1 1:500 @ A3	BM	BB	NH

Drawing File Name

BCIDC-ARP-TSM_SJ-1415_XX_00-DR-TR-0010

Sheet Number

10 of 31

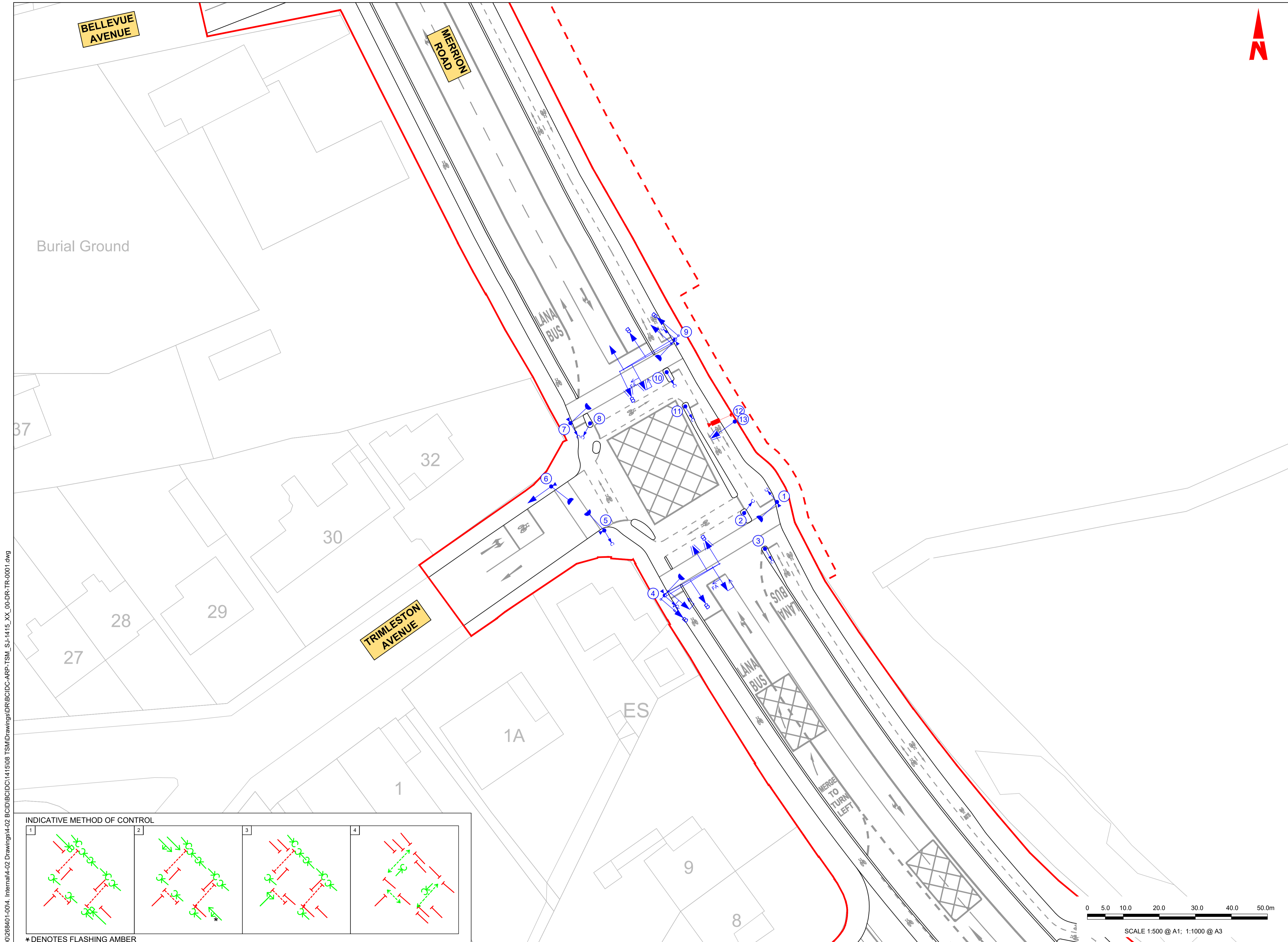
Status

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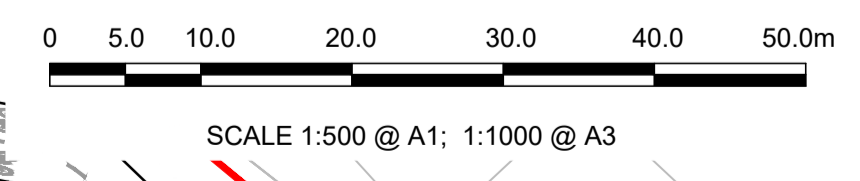
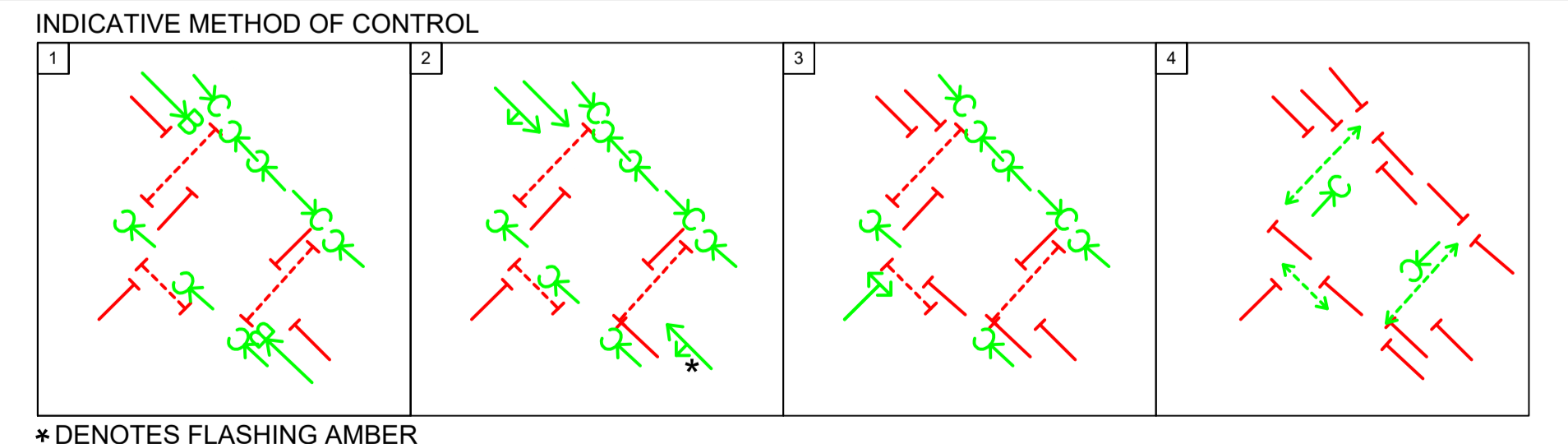
Rev

M01

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- TRAFFIC SIGNAL HEADS:**
- RTS 001 PRIMARY
 - RTS 001 SECONDARY
 - RTS 002 (D) PRIMARY
 - RTS 002 (D) SECONDARY
 - RTS 004 PRIMARY
 - RTS 004 SECONDARY
 - RTS 007 (LOW LEVEL) PRIMARY
 - RPC 004 PEDESTRIAN HEAD
- TRAFFIC SIGNAL EQUIPMENT:**
- POLE NUMBER
 - POLE (STANDARD HEIGHT)
 - PUSH BUTTON UNIT
 - MAST ARM (VARIABLE LENGTH)
 - TALL POLE (TRAFFIC SIGNALS)
 - PAN / TILT / ZOOM CCTV CAMERA
 - TALL POLE (CCTV/TRAFFIC SIGNALS)
- GENERAL:**
- SITE BOUNDARY LINE
 - TEMPORARY LAND ACQUISITION



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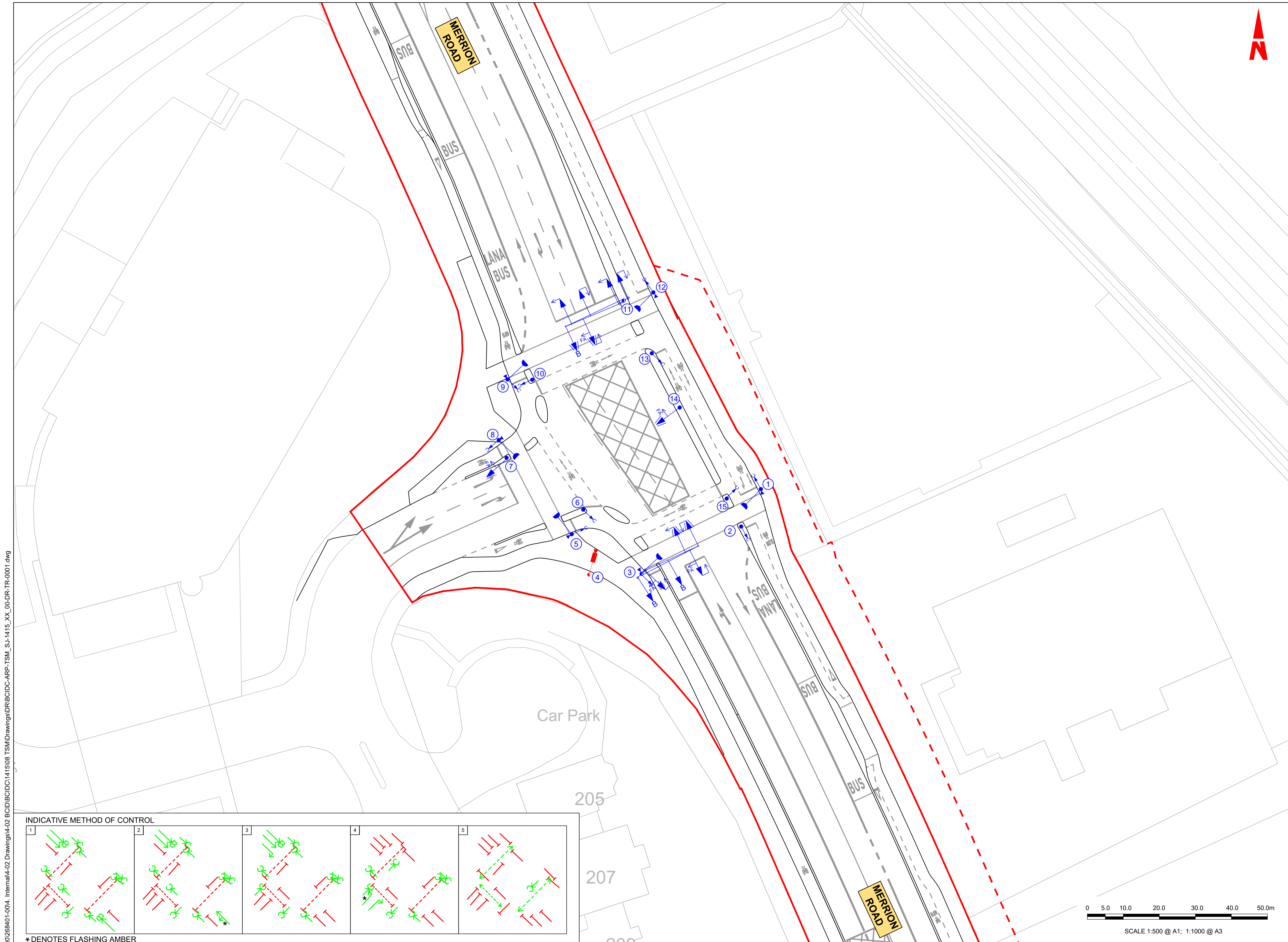
Rev	Date	Drn	Chk'd	App'd	Description
M01	04/03/2022	BM	BB	NH	ISSUE FOR PHASE 4: PLANNING

Client

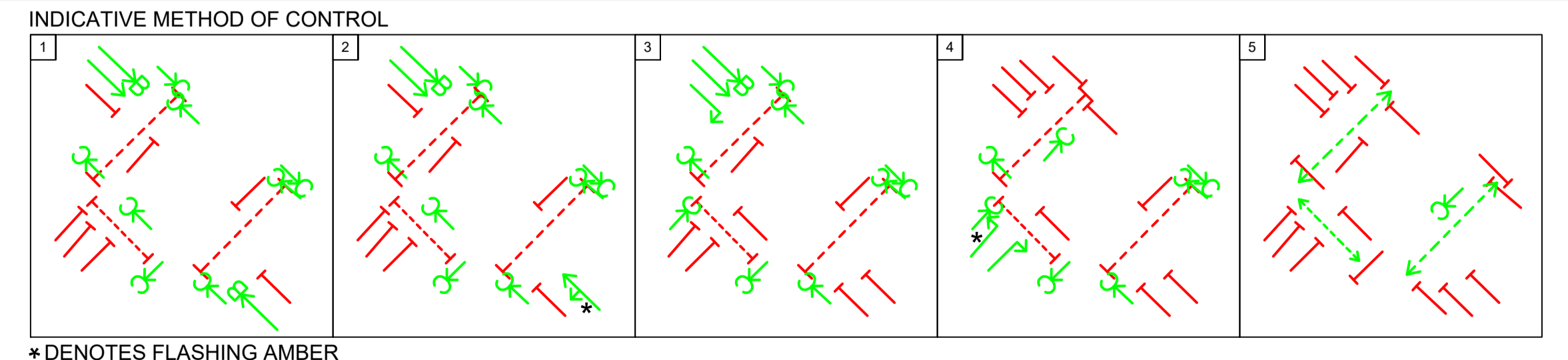
Engineering Designer

Programme Title		BUSCONNECTS DUBLIN		
		CORE BUS CORRIDORS INFRASTRUCTURE WORKS		
Drawing Title				
BELFIELD / BLACKROCK TO CITY CENTRE CORE BUS CORRIDOR SCHEME				
JUNCTION SYSTEMS DESIGN				
ROCK ROAD / TRIMLESTON AVENUE JUNCTION				
Drawing File Name	Sheet Number	Status	Rev	
BCIDC-ARP-TSM_SJ-1415_XX_00-DR-TR-0011	11 of 31	A	M01	

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- LEGEND:**
- TRAFFIC SIGNAL HEADS:**
- RTS 002 (C) PRIMARY
 - RTS 002 (C) SECONDARY
 - RTS 002 (B) PRIMARY
 - RTS 002 (B) SECONDARY
 - RTS 002 (D) PRIMARY
 - RTS 002 (D) SECONDARY
 - RTS 004 PRIMARY
 - RTS 004 SECONDARY
 - RTS 004 PRIMARY
 - RTS 004 SECONDARY
 - RTS 007 (LOW LEVEL) PRIMARY
 - RPC 004 PEDESTRIAN HEAD
- TRAFFIC SIGNAL EQUIPMENT:**
- POLE NUMBER
 - POLE (STANDARD HEIGHT)
 - PUSH BUTTON UNIT
 - MAST ARM (VARIABLE LENGTH)
 - TALL POLE (TRAFFIC SIGNALS)
 - PAN / TILT / ZOOM CCTV CAMERA
 - TALL POLE (CCTV/TRAFFIC SIGNALS)
- GENERAL:**
- SITE BOUNDARY LINE
 - TEMPORARY LAND ACQUISITION



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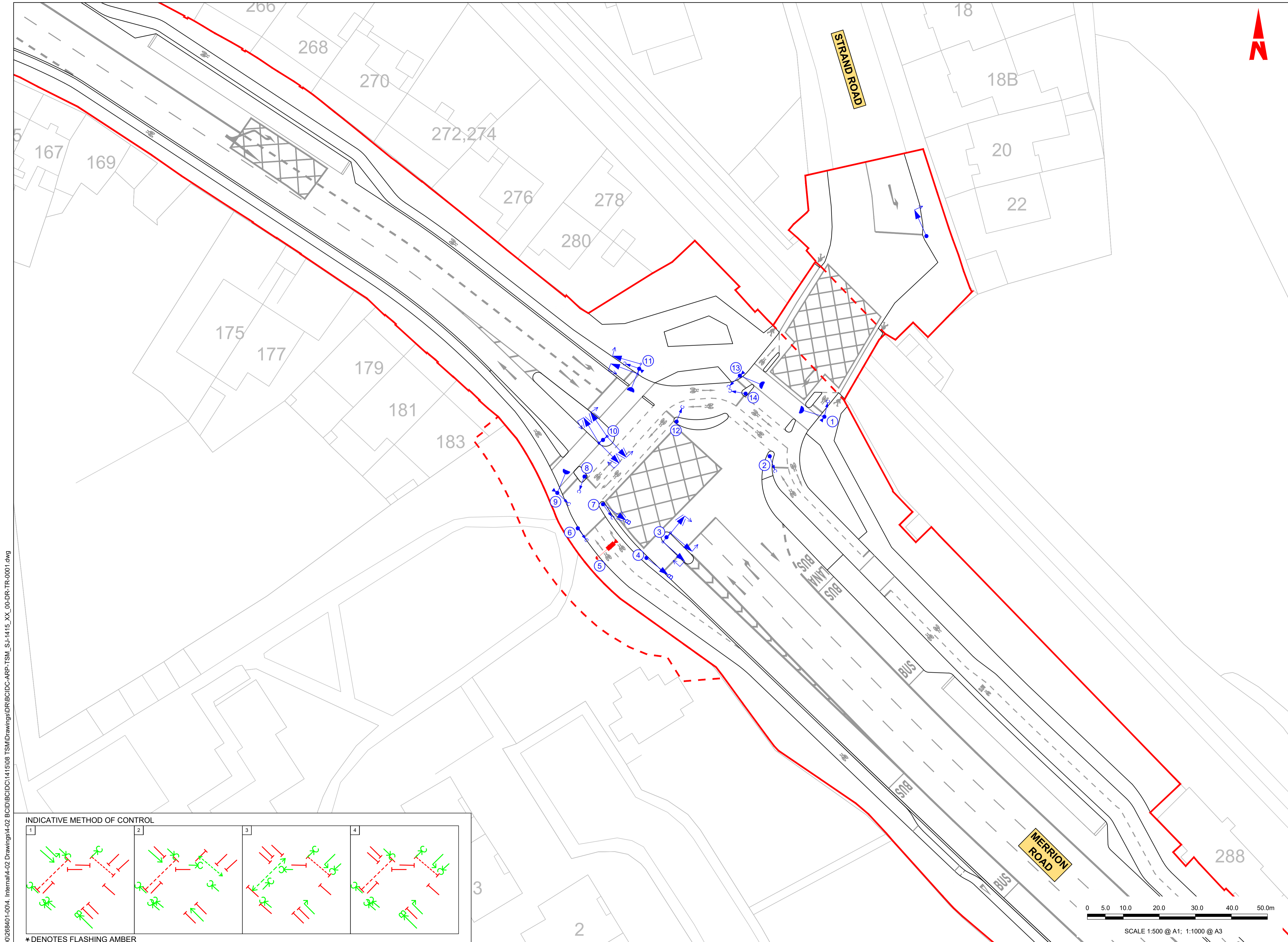
Rev	Date	Drn	Chk'd	App'd	Description
M01	04/03/2022	BM	BB	NH	ISSUE FOR PHASE 4: PLANNING

Client

Engineering Designer

Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title BELFIELD / BLACKROCK TO CITY CENTRE CORE BUS CORRIDOR SCHEME JUNCTION SYSTEMS DESIGN MERRION ROAD / ELM PARK GREEN JUNCTION			
Date 04/03/2022	Scale 1:250 @ A1 1:500 @ A3	Drawn BM	Checked BB
Project Code BCIDC	Originator Code ARP	QMS Code 268401-00	Approved NH
Drawing File Name BCIDC-ARP-TSM_SJ-1415_XX_00-DR-TR-0012	Sheet Number 12 of 31	Status A	Rev M01

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LEGEND:

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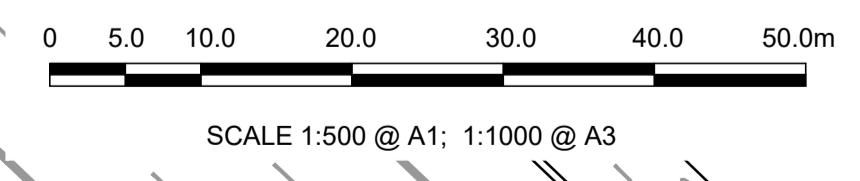
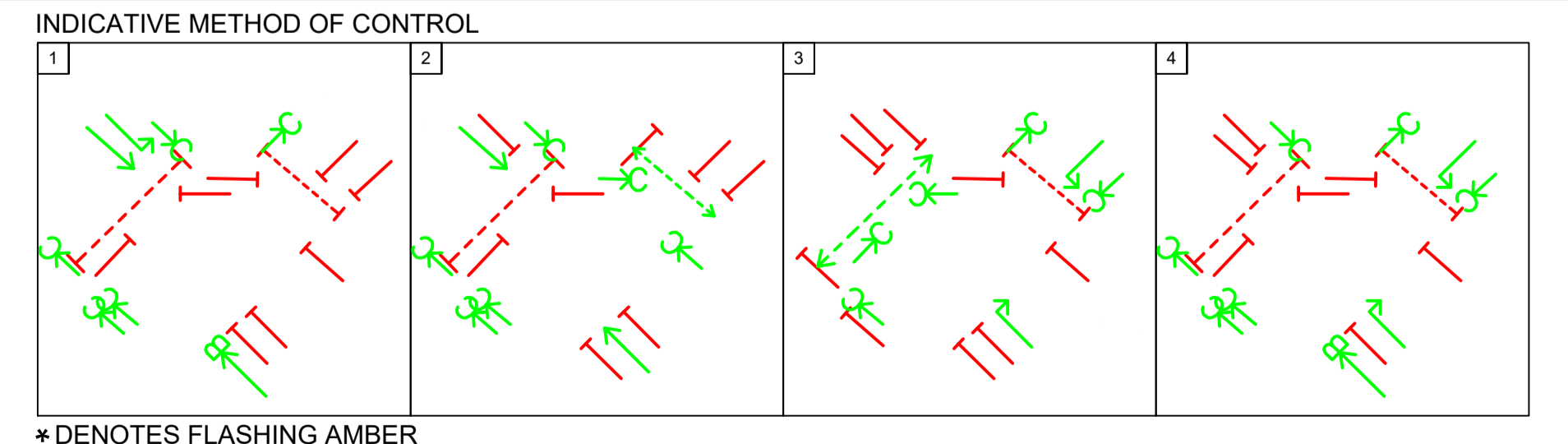
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- RTS 002 (C) SECONDARY
- RTS 002 (B) PRIMARY
- RTS 002 (B) SECONDARY
- RTS 002 (D) PRIMARY
- RTS 002 (D) SECONDARY
- RTS 007 (LOW LEVEL) PRIMARY
- RPC 004 PEDESTRIAN HEAD

TRAFFIC SIGNAL EQUIPMENT:

- POLE (STANDARD HEIGHT)
- TALL POLE (CCTV/TRAFFIC SIGNALS)
- PUSH BUTTON UNIT
- PAN / TILT / ZOOM CCTV CAMERA
- POLE NUMBER

GENERAL:

- SITE BOUNDARY LINE
- TEMPORARY LAND ACQUISITION



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Rev	Date	Drm	Chk'd	App'd	Description
M01	04/03/2022	BM	BB	NH	ISSUE FOR PHASE 4: PLANNING

Client: **NTA**
Udarás Náisiúnta Iompair
National Transport Authority

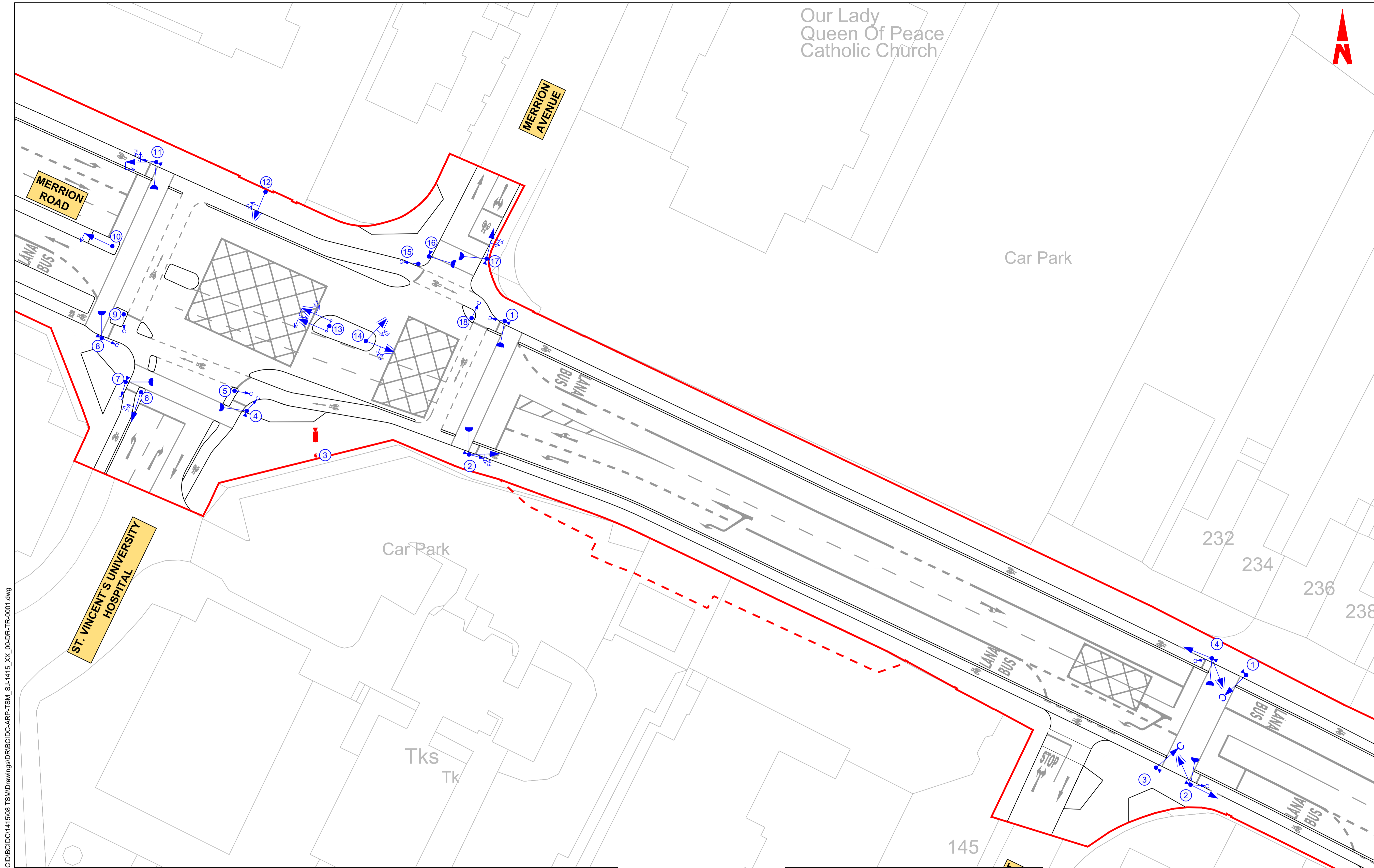
Engineering Designer: **ARUP**

Date	04/03/2022	Scale	1:250 @ A1 1:500 @ A3	Drawn	BM	Checked	BB	Approved	NH
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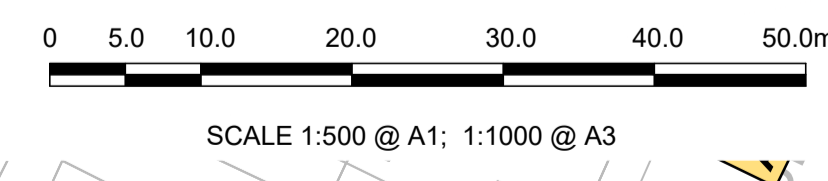
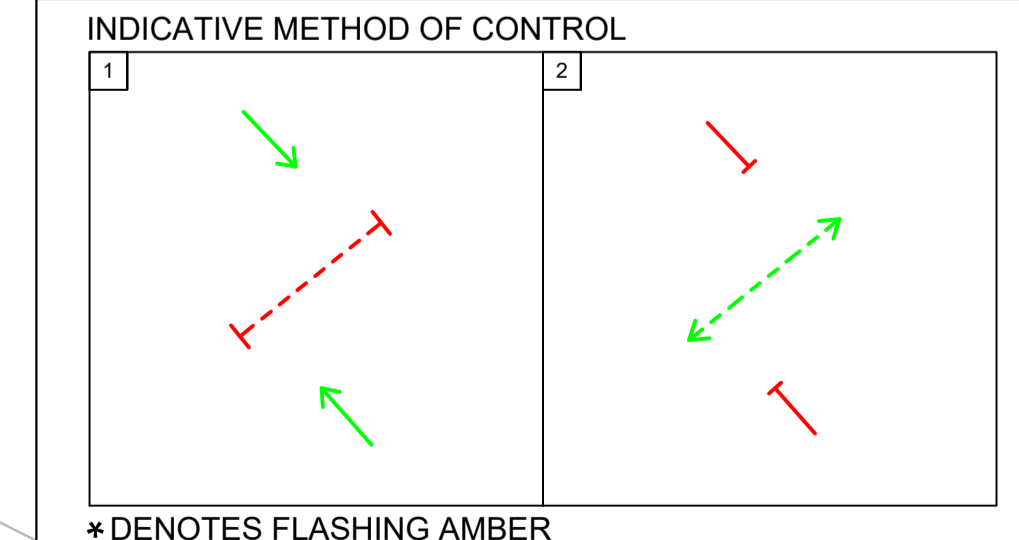
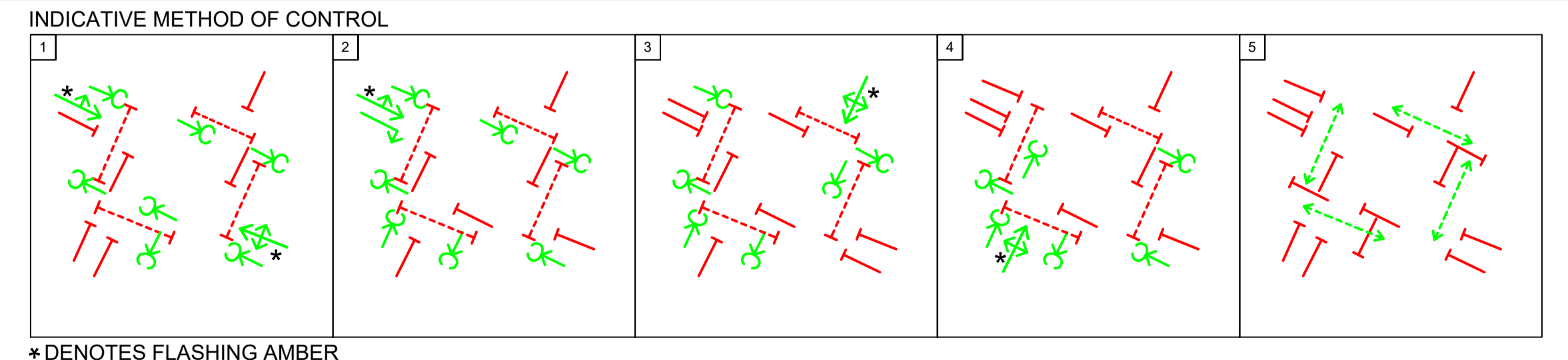
Project Code: BCIDC | Originator Code: ARP | QMS Code: 268401-00

Programme Title: BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title: BELFIELD / BLACKROCK TO CITY CENTRE CORE BUS CORRIDOR SCHEME JUNCTION SYSTEMS DESIGN MERRION ROAD / STRAND ROAD JUNCTION			
Drawing File Name	BCIDC-ARP-TSM_SJ-1415_XX_00-DR-TR-0013	Sheet Number	13 of 31
Status	A	Rev	M01

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- LEGEND:**
- TRAFFIC SIGNAL HEADS:**
- RTS 001 PRIMARY
 - RTS 001 SECONDARY
 - RTS 002 (C) PRIMARY
 - RTS 002 (C) SECONDARY
 - RTS 004 PRIMARY
 - RTS 004 SECONDARY
 - RTS 004 PRIMARY
 - RTS 004 SECONDARY
 - RTS 007 (HIGH LEVEL) PRIMARY
 - RTS 007 (LOW LEVEL) PRIMARY
 - RPC 004 PEDESTRIAN HEAD
- TRAFFIC SIGNAL EQUIPMENT:**
- POLE (STANDARD HEIGHT)
 - TALL POLE (CCTV/TRAFFIC SIGNALS)
 - PUSH BUTTON UNIT
 - POLE NUMBER
 - PAN / TILT / ZOOM CCTV CAMERA
- GENERAL:**
- SITE BOUNDARY LINE
 - TEMPORARY LAND ACQUISITION



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Rev	Date	Drm	Chk'd	App'd	Description
M01	04/03/2022	BM	BB	NH	ISSUE FOR PHASE 4: PLANNING

Client: **NTA**
Údarás Náisiúnta Iompair
National Transport Authority

Engineering Designer: **ARUP**

Date: 04/03/2022 | Scale: 1:250 @ A1, 1:500 @ A3 | Drawn: BM, Checked: BB, Approved: NH

Project Code: BCIDC | Originator Code: ARP | QMS Code: 268401-00

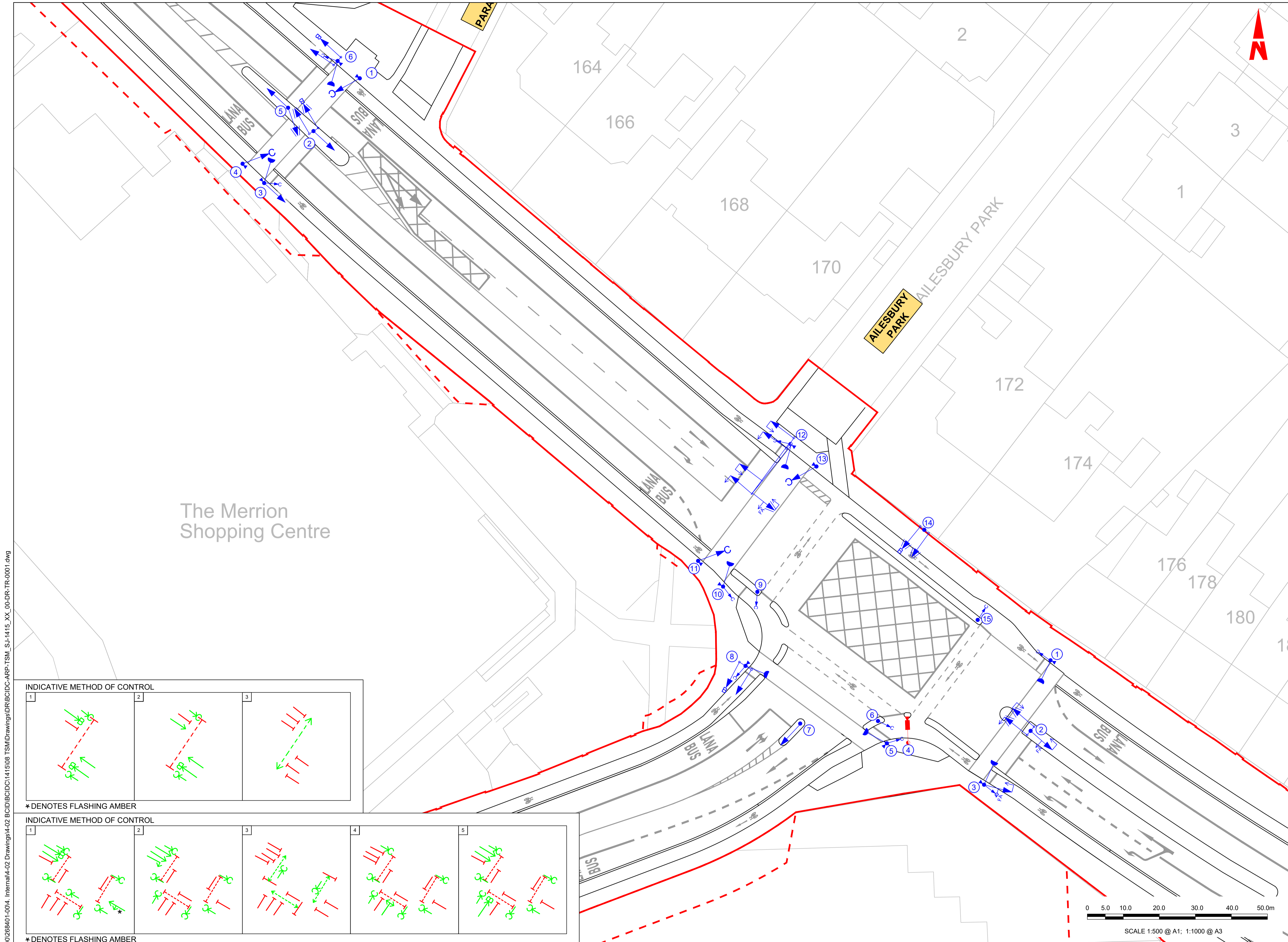
Programme Title: **BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS**

Drawing Title: BELFIELD / BLACKROCK TO CITY CENTRE CORE BUS CORRIDOR SCHEME JUNCTION SYSTEMS DESIGN MERRION ROAD / ST VINCENTS UNIVERSITY HOSPITAL JUNCTION AND TOUCAN CROSSING

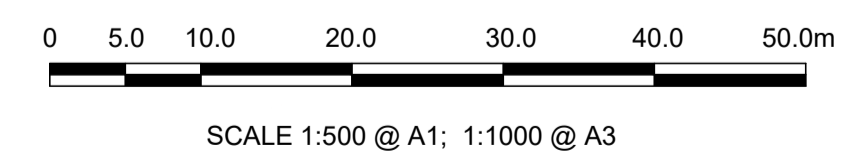
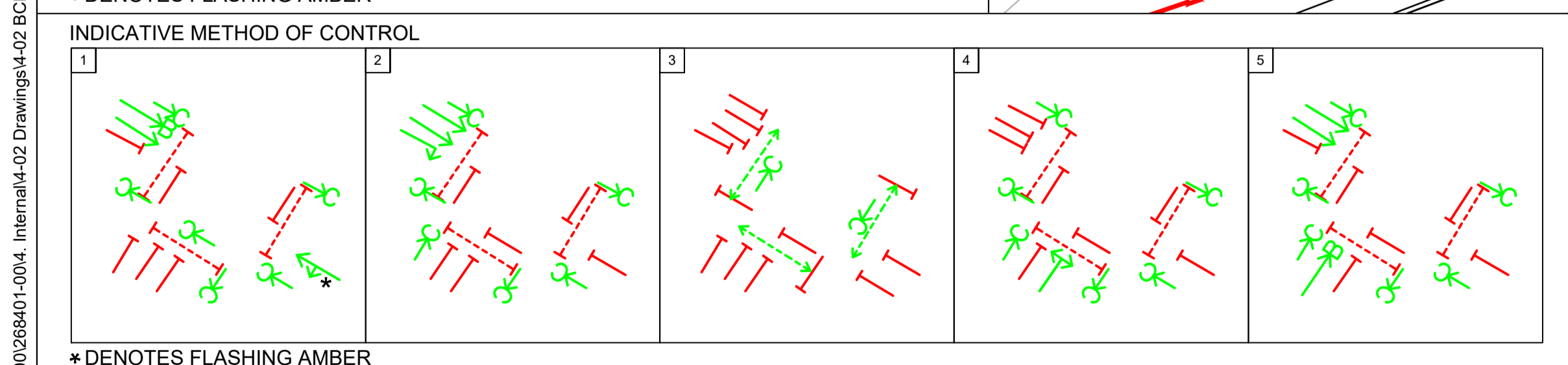
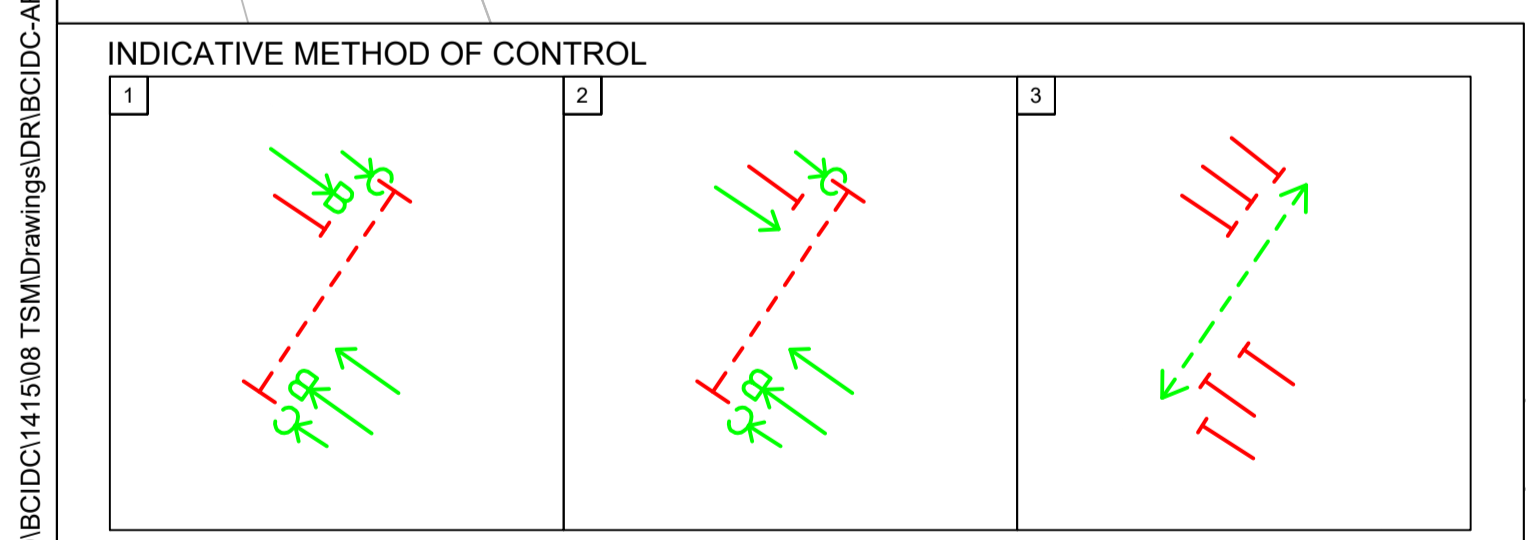
Drawing File Name: BCIDC-ARP-TSM_SJ-1415_XX_00-DR-TR-0014	Sheet Number: 14 of 31	Status: A	Rev: M01
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- LEGEND:**
- TRAFFIC SIGNAL HEADS:**
- RPC 004 PEDESTRIAN HEAD
 - RTS 001 PRIMARY
 - RTS 001 SECONDARY
 - RTS 002 (B) PRIMARY
 - RTS 002 (B) SECONDARY
 - RTS 002 (C) PRIMARY
 - RTS 002 (C) SECONDARY
 - RTS 002 (D) PRIMARY
 - RTS 002 (D) SECONDARY
 - RTS 004 PRIMARY
 - RTS 004 SECONDARY
 - RTS 007 (HIGH LEVEL) PRIMARY
 - RTS 007 (LOW LEVEL) PRIMARY
- TRAFFIC SIGNAL EQUIPMENT:**
- POLE (STANDARD HEIGHT)
 - TALL POLE (TRAFFIC SIGNALS)
 - TALL POLE (CCTV/TRAFFIC SIGNALS)
 - MAST ARM (VARIABLE LENGTH)
 - PUSH BUTTON UNIT
 - POLE NUMBER
 - PAN / TILT / ZOOM CCTV CAMERA
- GENERAL:**
- SITE BOUNDARY LINE
 - TEMPORARY LAND ACQUISITION



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Rev	Date	Drn	Chk'd	App'd	Description
M01	04/03/2022	BM	BB	NH	ISSUE FOR PHASE 4: PLANNING

Client: **NTA**
Údarás Náisiúnta Iompair
National Transport Authority

Engineering Designer: **ARUP**

Date: 04/03/2022 | Scale: 1:250 @ A1, 1:500 @ A3

Drawn: BM | Checked: BB | Approved: NH

Project Code: BCIDC | Originator Code: ARP | QMS Code: 268401-00

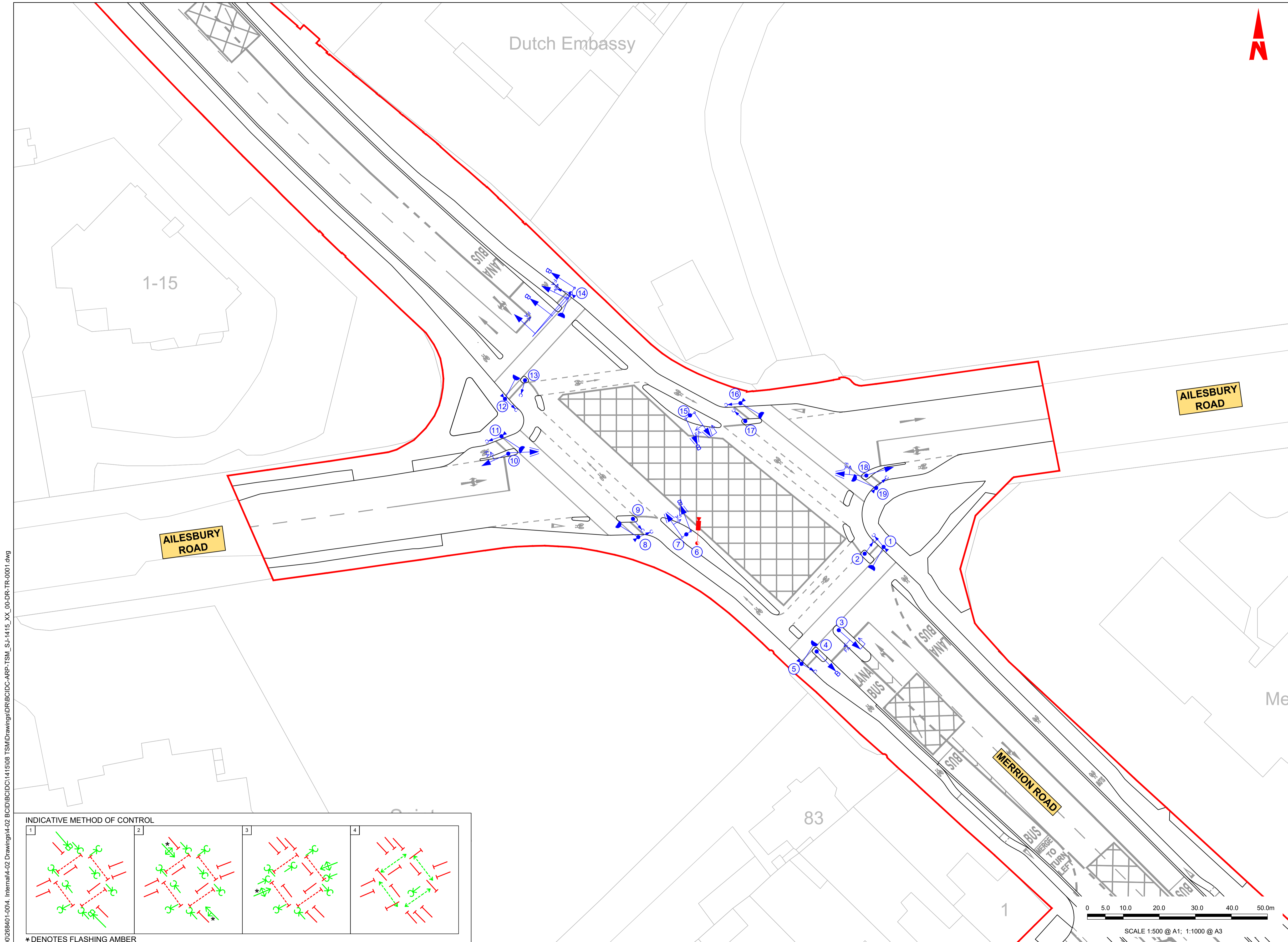
Programme Title: **BUSCONNECTS DUBLIN**
CORE BUS CORRIDORS INFRASTRUCTURE WORKS

Drawing Title: BELFIELD / BLACKROCK TO CITY CENTRE CORE BUS CORRIDOR SCHEME
JUNCTION SYSTEMS DESIGN
MERRION ROAD / NUTLEY LANE JUNCTION AND TOUCAN CROSSING

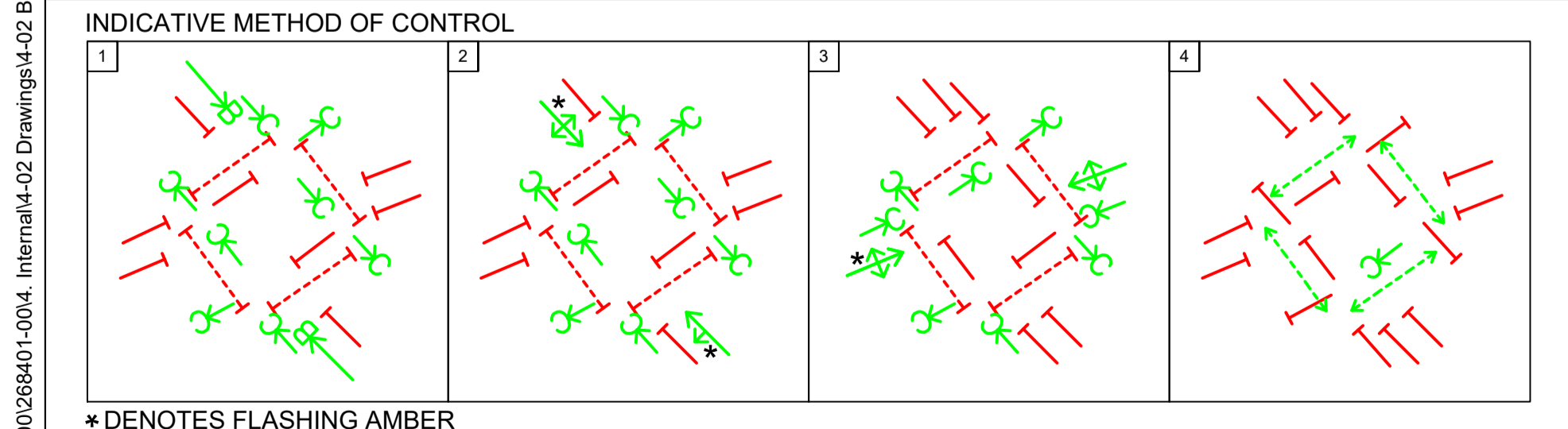
Drawing File Name: BCIDC-ARP-TSM_SJ-1415_XX_00-DR-TR-0015 | Sheet Number: 15 of 31 | Status: A | Rev: M01

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- LEGEND:**
- TRAFFIC SIGNAL HEADS:**
- RTS 001 PRIMARY
 - RTS 001 SECONDARY
 - RTS 002 (D) PRIMARY
 - RTS 002 (D) SECONDARY
 - RTS 004 PRIMARY
 - RTS 004 SECONDARY
 - RTS 004 PRIMARY
 - RTS 004 SECONDARY
 - RTS 007 (LOW LEVEL) PRIMARY
 - RPC 004 PEDESTRIAN HEAD
- TRAFFIC SIGNAL EQUIPMENT:**
- POLE (STANDARD HEIGHT)
 - TALL POLE (TRAFFIC SIGNALS)
 - TALL POLE (CCTV/TRAFFIC SIGNALS)
 - PUSH BUTTON UNIT
 - MAST ARM (VARIABLE LENGTH)
 - POLE NUMBER
 - PAN / TILT / ZOOM CCTV CAMERA
- GENERAL:**
- SITE BOUNDARY LINE
 - TEMPORARY LAND ACQUISITION



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Rev	Date	Drm	Chk'd	App'd	Description
M01	04/03/2022	BM	BB	NH	ISSUE FOR PHASE 4: PLANNING

Client: **NTA**
Udarás Náisiúnta Iompair
National Transport Authority

Engineering Designer: **ARUP**

Date: 04/03/2022
Scale: 1:250 @ A1
1:500 @ A3

Drawn: BM
Checked: BB
Approved: NH

Project Code: BCIDC
Originator Code: ARP
QMS Code: 268401-00

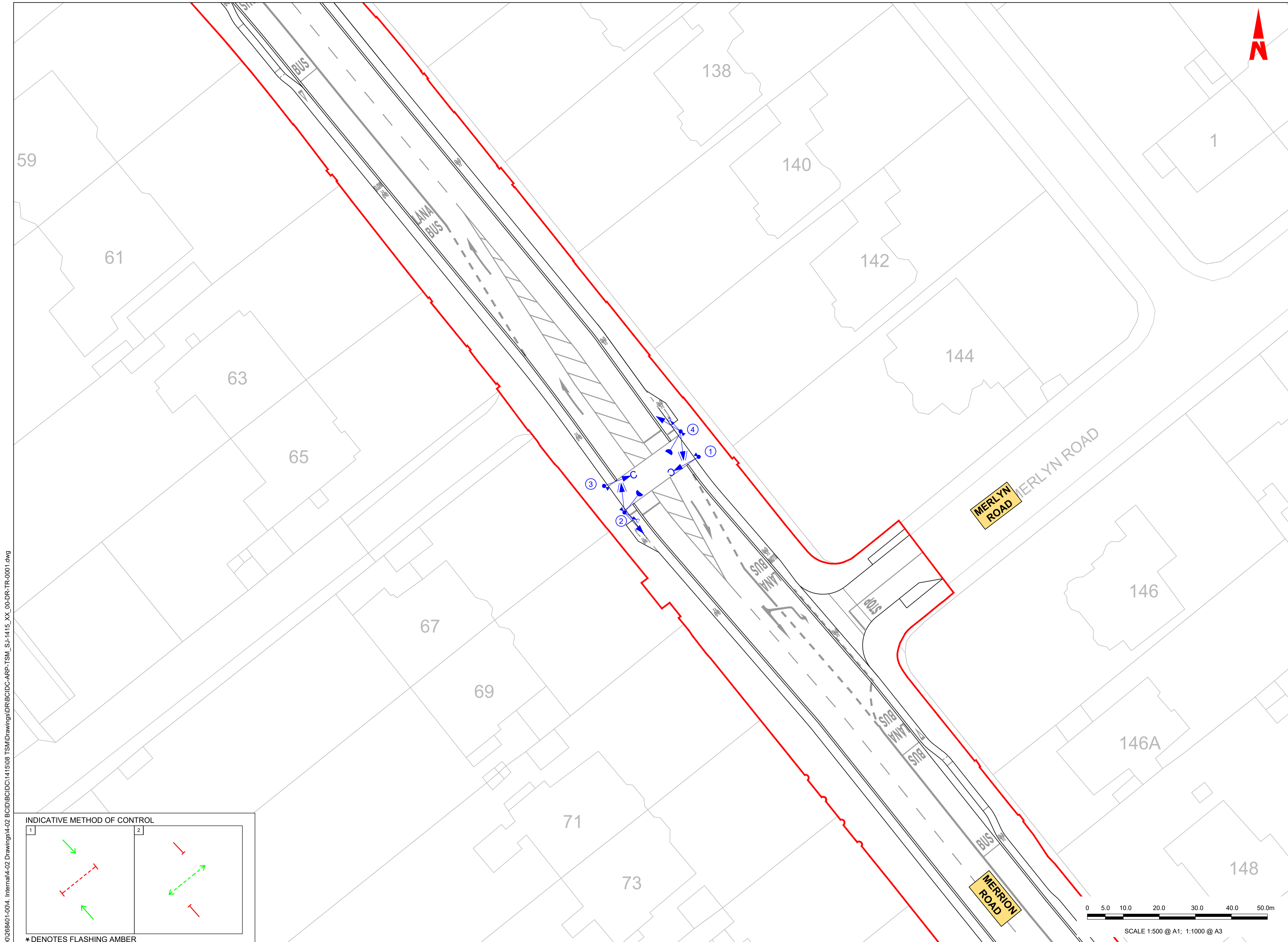
Programme Title: **BUSCONNECTS DUBLIN
CORE BUS CORRIDORS INFRASTRUCTURE WORKS**

Drawing Title: BELFIELD / BLACKROCK TO CITY CENTRE CORE BUS CORRIDOR SCHEME
JUNCTION SYSTEMS DESIGN
MERRION ROAD / AILESBUURY ROAD JUNCTION

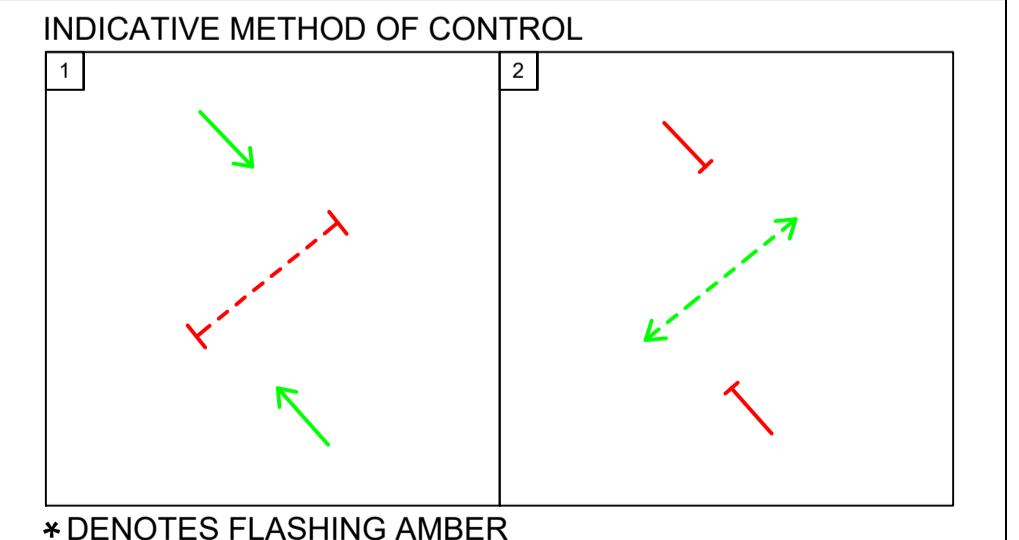
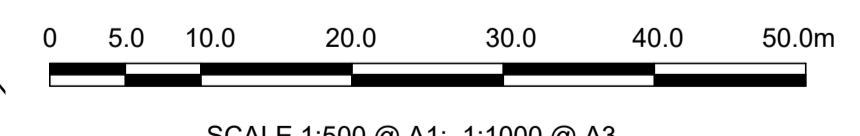
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Sheet Number: 16 of 31
Status: A
Rev: M01

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- LEGEND:**
- TRAFFIC SIGNAL HEADS:**
- RTS 001 PRIMARY
 - RTS 001 SECONDARY
 - RPC 004 PEDESTRIAN HEAD
 - C RTS 007 (HIGH LEVEL) PRIMARY
 - RTS 007 (LOW LEVEL) PRIMARY
- TRAFFIC SIGNAL EQUIPMENT:**
- POLE (STANDARD HEIGHT)
 - PUSH BUTTON UNIT
 - ⊗ POLE NUMBER
- GENERAL:**
- SITE BOUNDARY LINE
 - - - TEMPORARY LAND ACQUISITION



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Project Ireland 2040
Building Ireland's Future

Rev	Date	Drm	Chk'd	App'd	Description
M01	04/03/2022	BM	BB	NH	ISSUE FOR PHASE 4: PLANNING

Client

NTA
Údarás Náisiúnta Iompair
National Transport Authority

Engineering Designer

ARUP

Date: 04/03/2022
Scale: 1:250 @ A1, 1:500 @ A3

Project Code: BCIDC
Originator Code: ARP

QMS Code: 268401-00

Drawn	Checked	Approved
BM	BB	NH

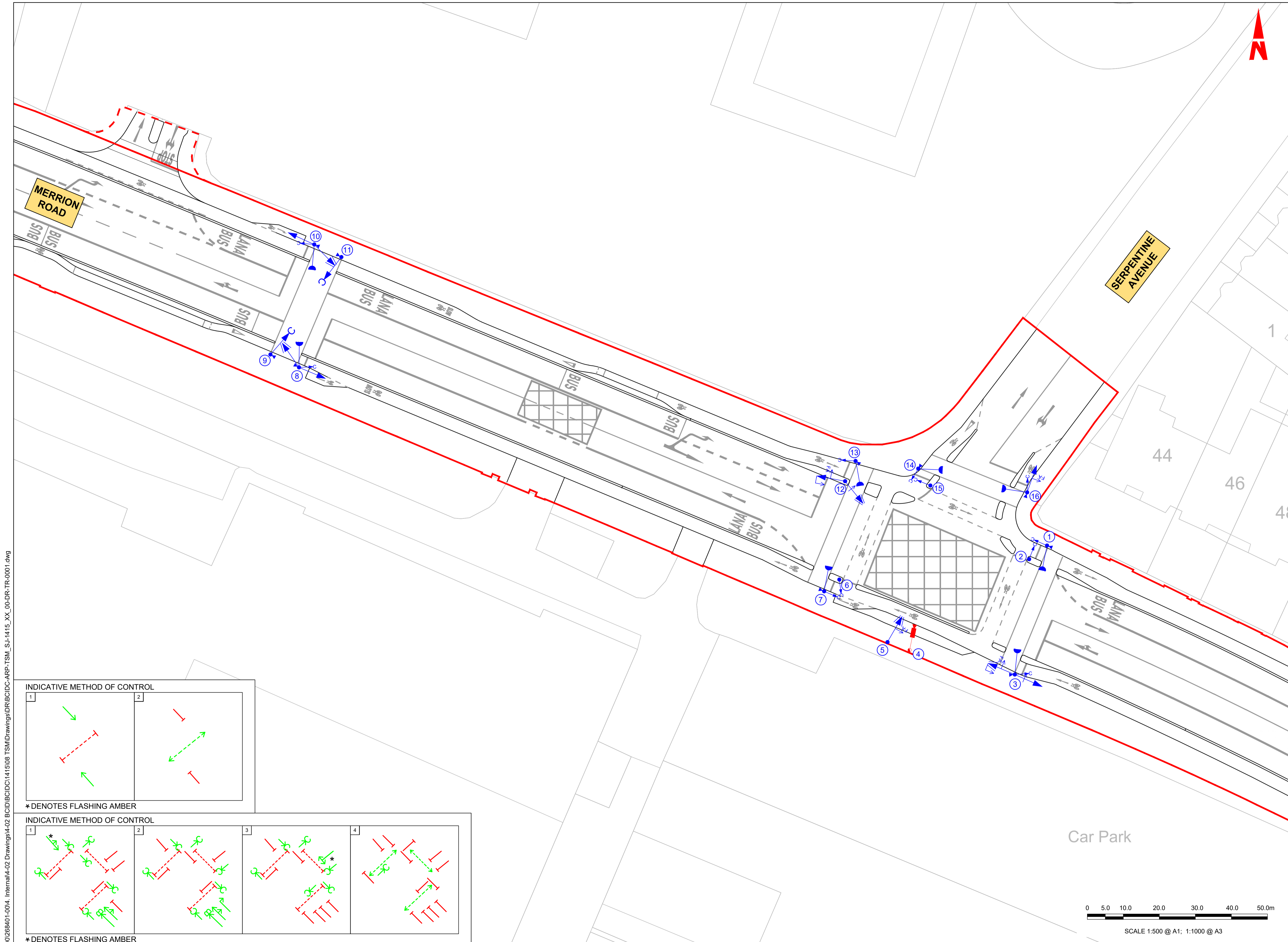
Programme Title
BUSCONNECTS DUBLIN
CORE BUS CORRIDORS INFRASTRUCTURE WORKS

Drawing Title
BELFIELD / BLACKROCK TO CITY CENTRE CORE BUS CORRIDOR SCHEME
JUNCTION SYSTEMS DESIGN
MERRION ROAD TOUCAN CROSSING

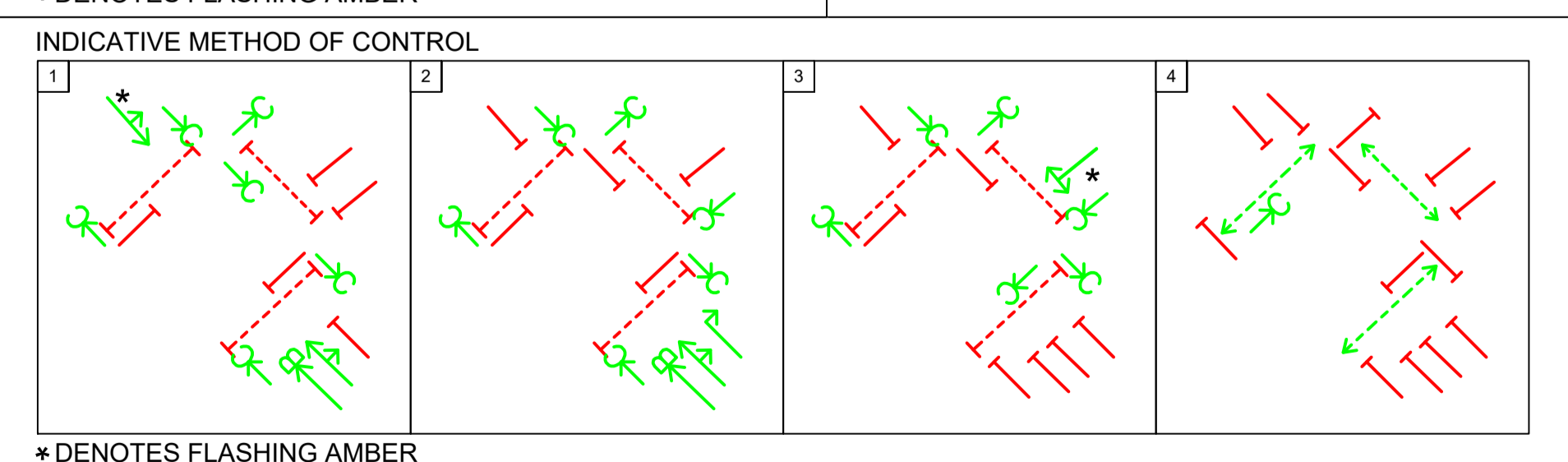
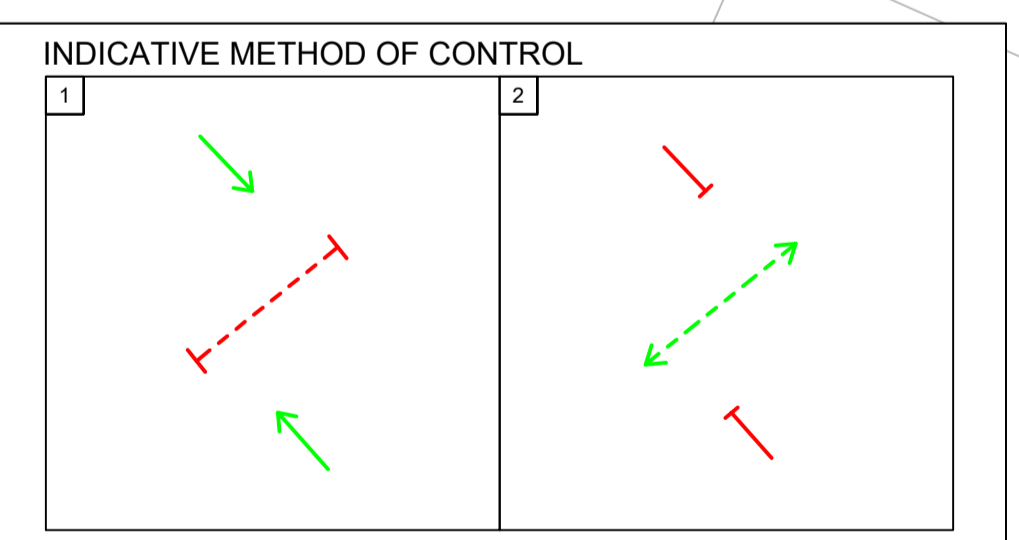
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Sheet Number: 17 of 31
Status: A
Rev: M01

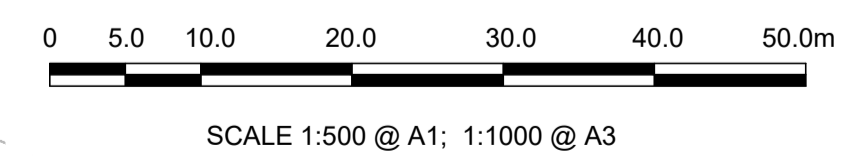
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- LEGEND:**
- TRAFFIC SIGNAL HEADS:**
- RTS 001 PRIMARY
 - RTS 001 SECONDARY
 - RTS 003 (A) PRIMARY
 - RTS 003 (A) SECONDARY
 - RTS 004 PRIMARY
 - RTS 004 SECONDARY
 - RTS 004 PRIMARY
 - RTS 004 SECONDARY
 - RTS 007 (HIGH LEVEL) PRIMARY
 - RTS 007 (LOW LEVEL) PRIMARY
 - RPC 004 PEDESTRIAN HEAD
- TRAFFIC SIGNAL EQUIPMENT:**
- POLE (STANDARD HEIGHT)
 - TALL POLE (CCTV/TRAFFIC SIGNALS)
 - PUSH BUTTON UNIT
 - POLE NUMBER
 - PAN / TILT / ZOOM CCTV CAMERA
- GENERAL:**
- SITE BOUNDARY LINE
 - TEMPORARY LAND ACQUISITION



Car Park



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Rev	Date	Drm	Chk'd	App'd	Description
M01	04/03/2022	BM	BB	NH	ISSUE FOR PHASE 4: PLANNING

Client
NTA
 Údarás Náisiúnta Iompair
 National Transport Authority

Engineering Designer
ARUP

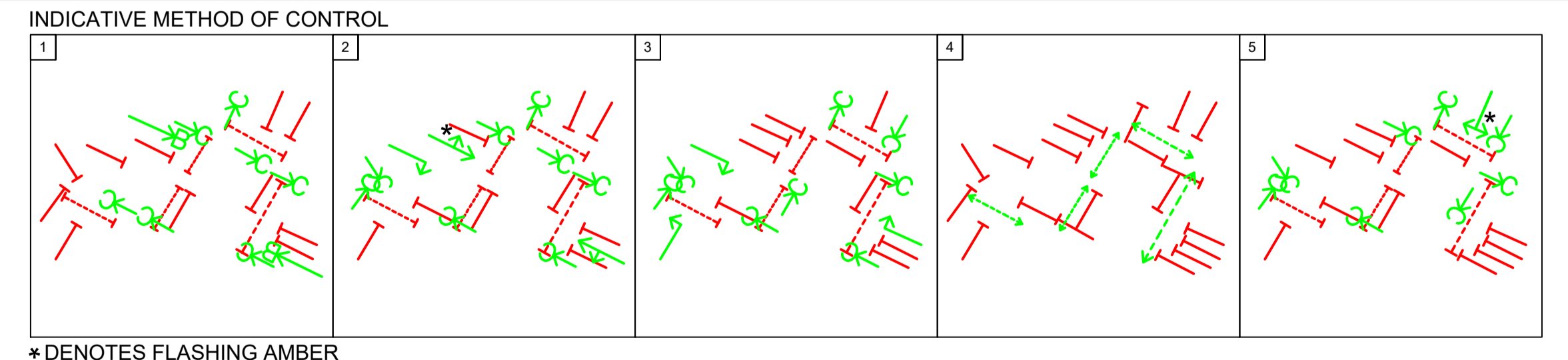
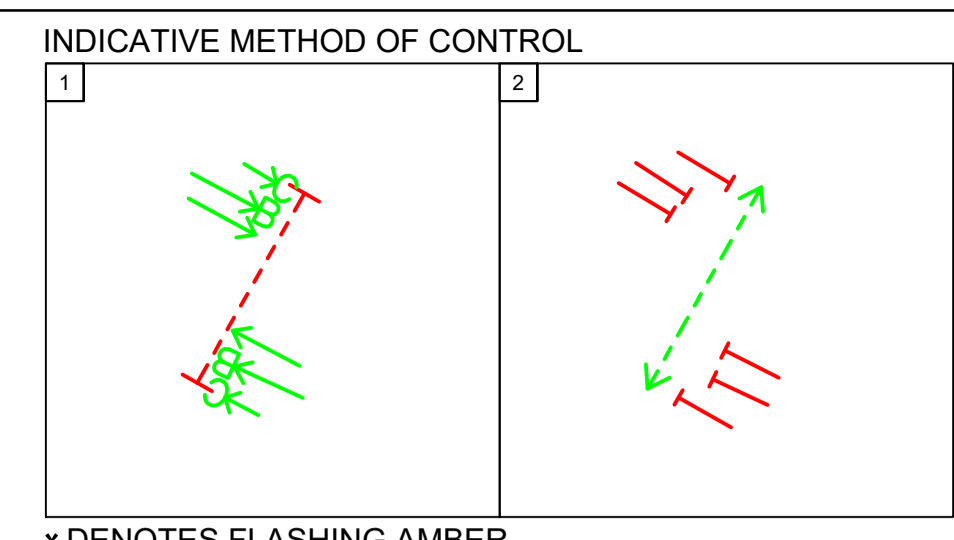
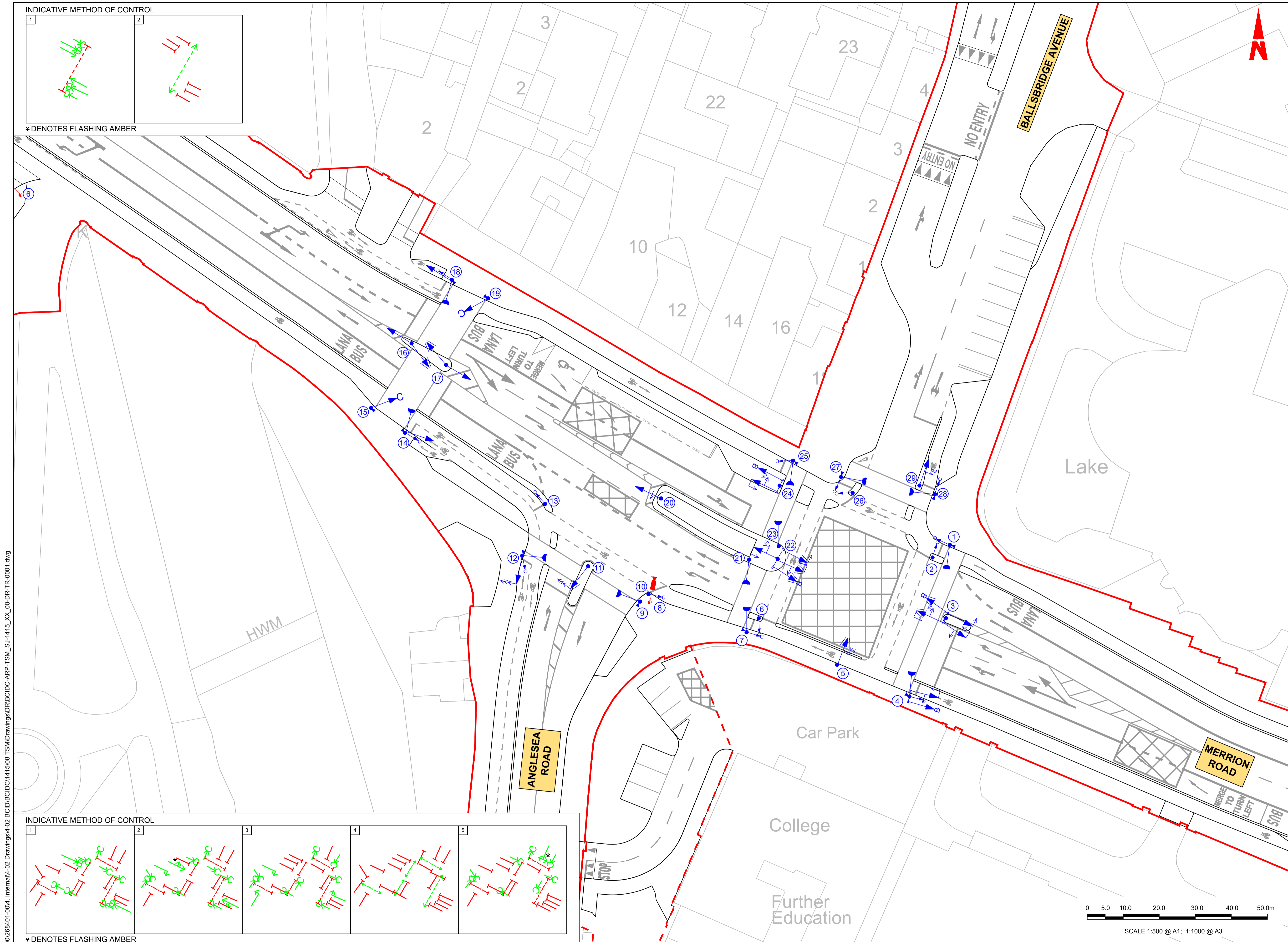
Date	Scale	Drawn	Checked	Approved
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Programme Title
**BUSCONNECTS DUBLIN
 CORE BUS CORRIDORS INFRASTRUCTURE WORKS**

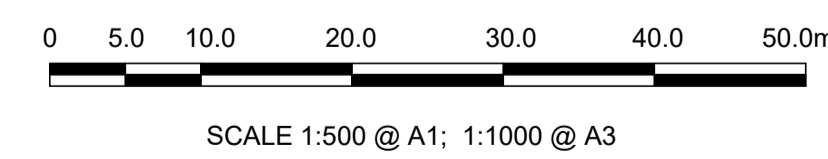
Drawing Title
 BELFIELD / BLACKROCK TO CITY CENTRE CORE BUS CORRIDOR SCHEME
 JUNCTION SYSTEMS DESIGN
 MERRION ROAD / SERPENTINE AVENUE JUNCTION AND TOUCAN CROSSING

Drawing File Name	Sheet Number	Status	Rev
BCIDC-ARP-TSM_SJ-1415_XX_00-DR-TR-0020	20 of 31	A	M01

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- LEGEND:**
- TRAFFIC SIGNAL HEADS:**
- RTS 001 PRIMARY
 - RTS 001 SECONDARY
 - RTS 002 (C) PRIMARY
 - RTS 002 (C) SECONDARY
 - RTS 002 (D) PRIMARY
 - RTS 002 (D) SECONDARY
 - RTS 002 (H) PRIMARY
 - RTS 002 (H) SECONDARY
 - RTS 003 (A) PRIMARY
 - RTS 003 (H) PRIMARY
 - RTS 003 (H) SECONDARY
 - RTS 004 PRIMARY
 - RTS 004 SECONDARY
 - RTS 004 PRIMARY
 - RTS 004 SECONDARY
 - RTS 007 (HIGH LEVEL) PRIMARY
 - RTS 007 (LOW LEVEL) PRIMARY
 - RPC 004 PEDESTRIAN HEAD
- TRAFFIC SIGNAL EQUIPMENT:**
- POLE (STANDARD HEIGHT)
 - TALL POLE (CCTV/TRAFFIC SIGNALS)
 - PUSH BUTTON UNIT
 - POLE NUMBER
 - PAN / TILT / ZOOM CCTV CAMERA
- GENERAL:**
- SITE BOUNDARY LINE
 - TEMPORARY LAND ACQUISITION



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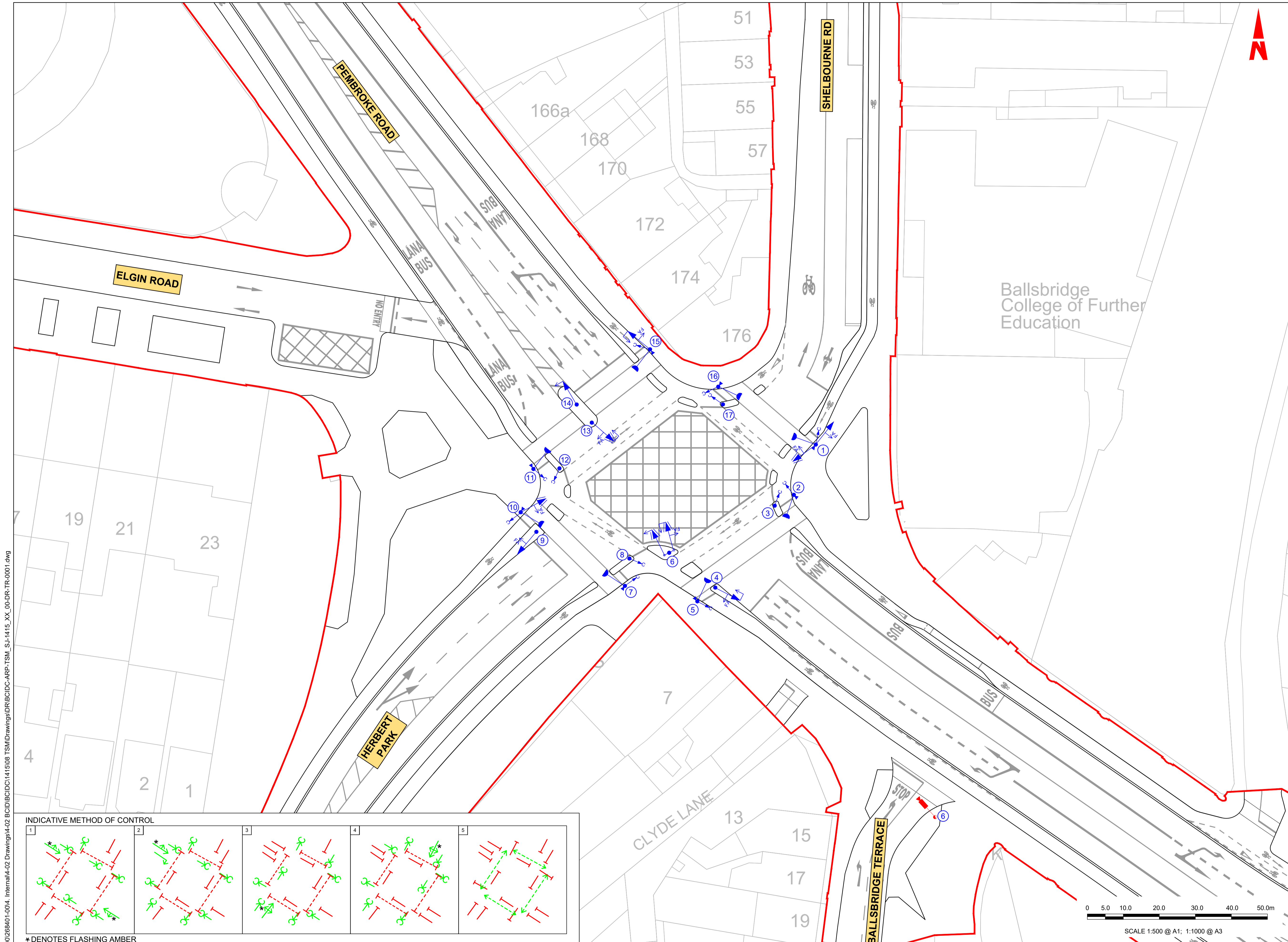
Rev	Date	Drn	Chk'd	App'd	Description
M01	04/03/2022	BM	BB	NH	ISSUE FOR PHASE 4: PLANNING

Client

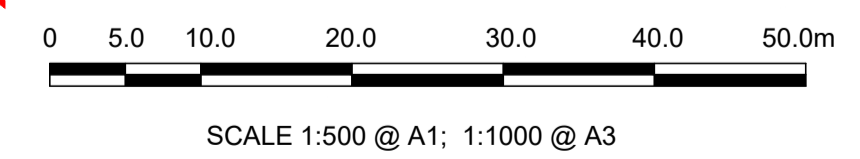
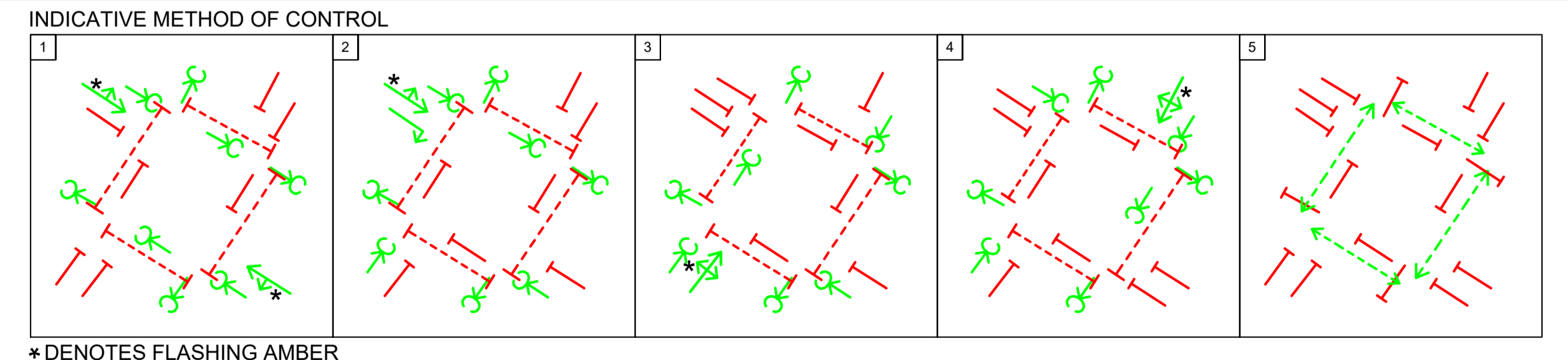
Engineering Designer

Programme Title		BUSCONNECTS DUBLIN		
		CORE BUS CORRIDORS INFRASTRUCTURE WORKS		
Drawing Title		BELFIELD / BLACKROCK TO CITY CENTRE CORE BUS CORRIDOR SCHEME		
		JUNCTION SYSTEMS DESIGN		
		MERRION ROAD / BALLSBRIDGE PARK AND TOUCAN CROSSING		
Drawing File Name	Sheet Number	Status	Rev	
BCIDC-ARP-TSM_SJ-1415_XX_00-DR-TR-0021	21 of 31	A	M01	

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- LEGEND:**
- TRAFFIC SIGNAL HEADS:**
- RTS 002 (C) PRIMARY
 - RTS 002 (C) SECONDARY
 - RTS 004 PRIMARY
 - RTS 004 SECONDARY
 - RTS 004 PRIMARY
 - RTS 004 SECONDARY
 - RTS 007 (LOW LEVEL) PRIMARY
 - RPC 004 PEDESTRIAN HEAD
- TRAFFIC SIGNAL EQUIPMENT:**
- POLE (STANDARD HEIGHT)
 - POLE NUMBER
 - PUSH BUTTON UNIT
- GENERAL:**
- SITE BOUNDARY LINE
 - TEMPORARY LAND ACQUISITION



\\global\europa\dublin\joins\2686002026840+004_Interna\4-02 Drawings\4-02 BCID\BCID\1415\08 TSM\Drawings\DR\BCIDC-ARP-TSM_SJ-1415_XX_00-DR-TR-0001.dwg

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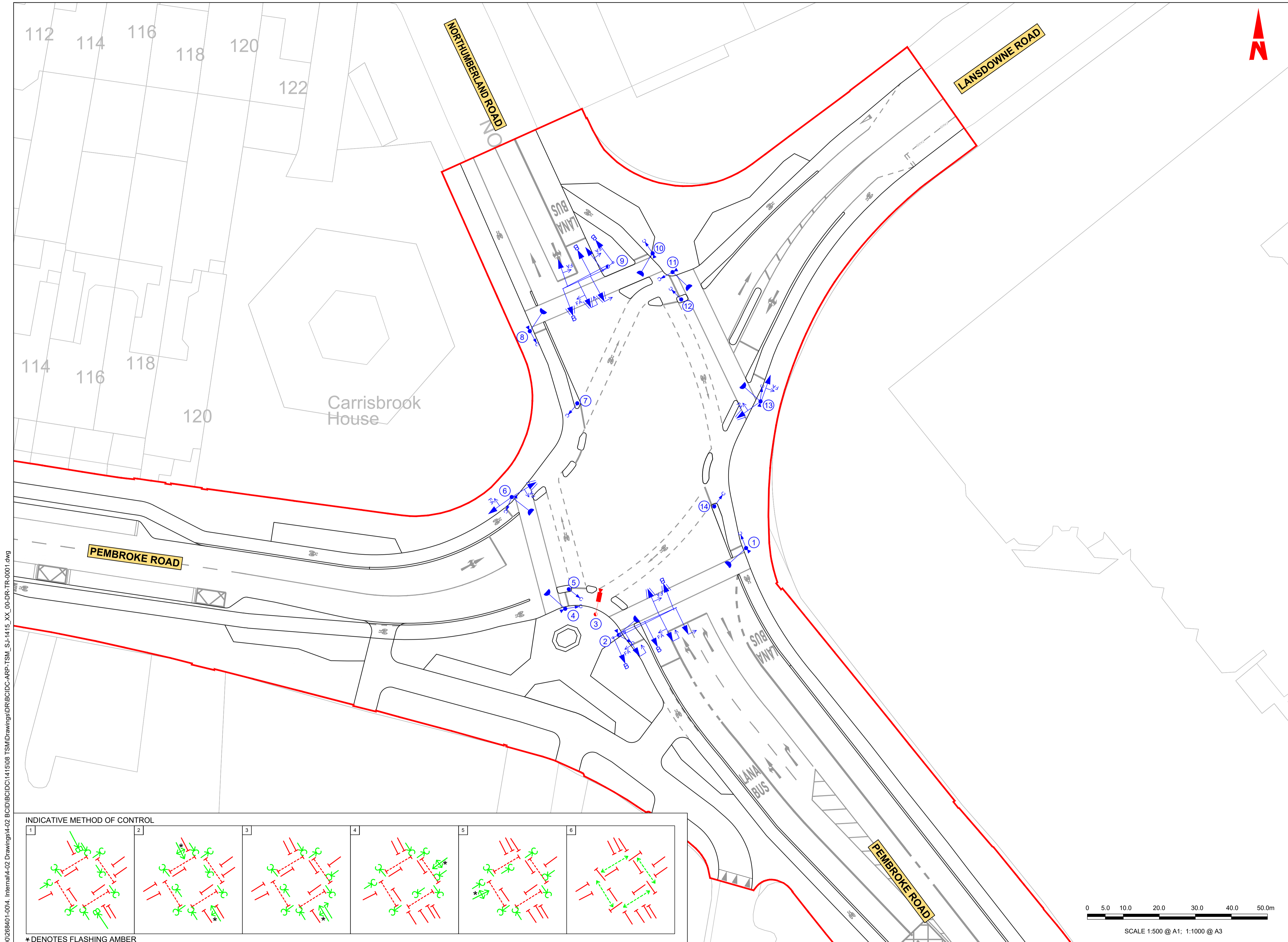
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Client

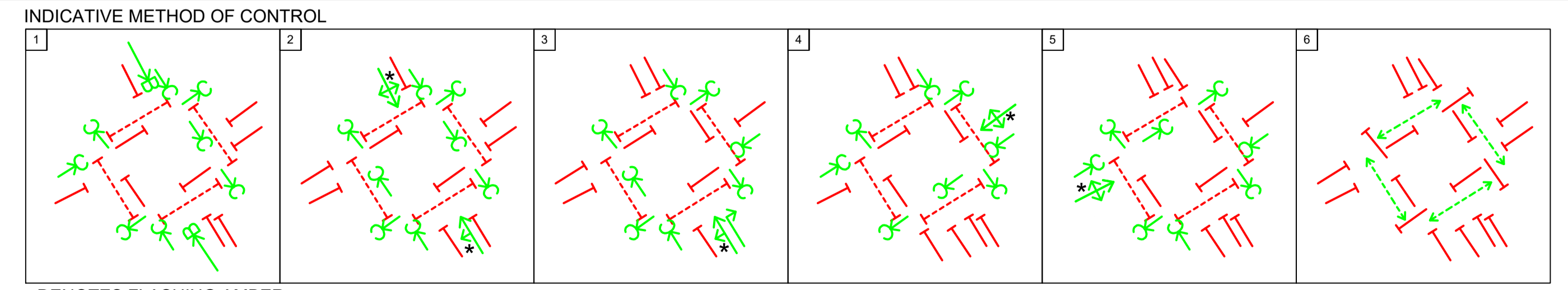
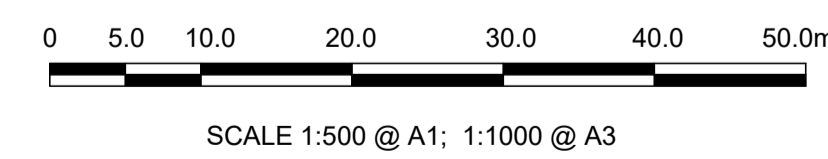
Engineering Designer

Programme Title		BUSCONNECTS DUBLIN		
		CORE BUS CORRIDORS INFRASTRUCTURE WORKS		
Drawing Title		BELFIELD / BLACKROCK TO CITY CENTRE CORE BUS CORRIDOR SCHEME		
		JUNCTION SYSTEMS DESIGN		
		PEMBROKE ROAD / SHELBOURNE ROAD JUNCTION		
Drawing File Name	Sheet Number	Status	Rev	
BCIDC-ARP-TSM_SJ-1415_XX_00-DR-TR-0022	22 of 31	A	M01	

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- LEGEND:**
- TRAFFIC SIGNAL HEADS:**
- RTS 002 (C) PRIMARY
 - RTS 002 (C) SECONDARY
 - RTS 002 (D) PRIMARY
 - RTS 002 (D) SECONDARY
 - RTS 004 PRIMARY
 - RTS 004 SECONDARY
 - RTS 004 PRIMARY
 - RTS 004 SECONDARY
 - RTS 007 (LOW LEVEL) PRIMARY
 - RPC 004 PEDESTRIAN HEAD
 - POLE (STANDARD HEIGHT)
 - TALL POLE (CCTV/TRAFFIC SIGNALS)
 - MAST ARM (VARIABLE LENGTH)
 - TALL POLE (TRAFFIC SIGNALS)
 - POLE NUMBER
 - PUSH BUTTON UNIT
 - PAN / TILT / ZOOM CCTV CAMERA
- TRAFFIC SIGNAL EQUIPMENT:**
- GENERAL:**
- SITE BOUNDARY LINE
 - TEMPORARY LAND ACQUISITION



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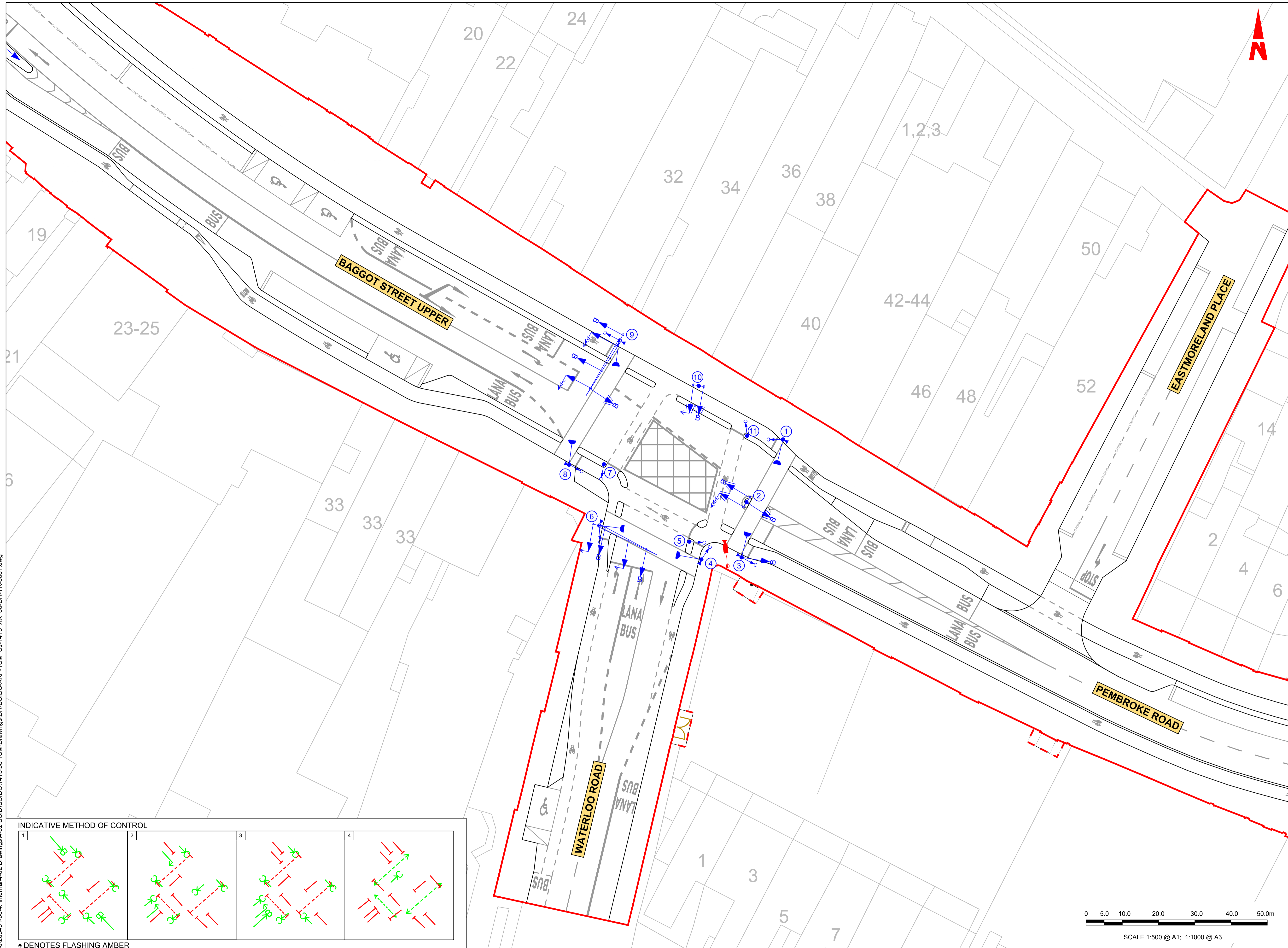
NTA
Údarás Náisiúnta Iompair
National Transport Authority

Client		Engineering Designer		
Date	Scale	Drawn	Checked	Approved
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Project Code	Originator Code	QMS Code		
BCIDC	ARP	268401-00		

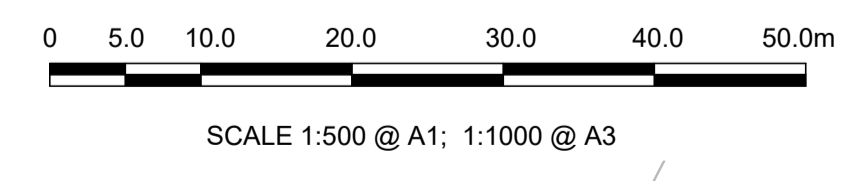
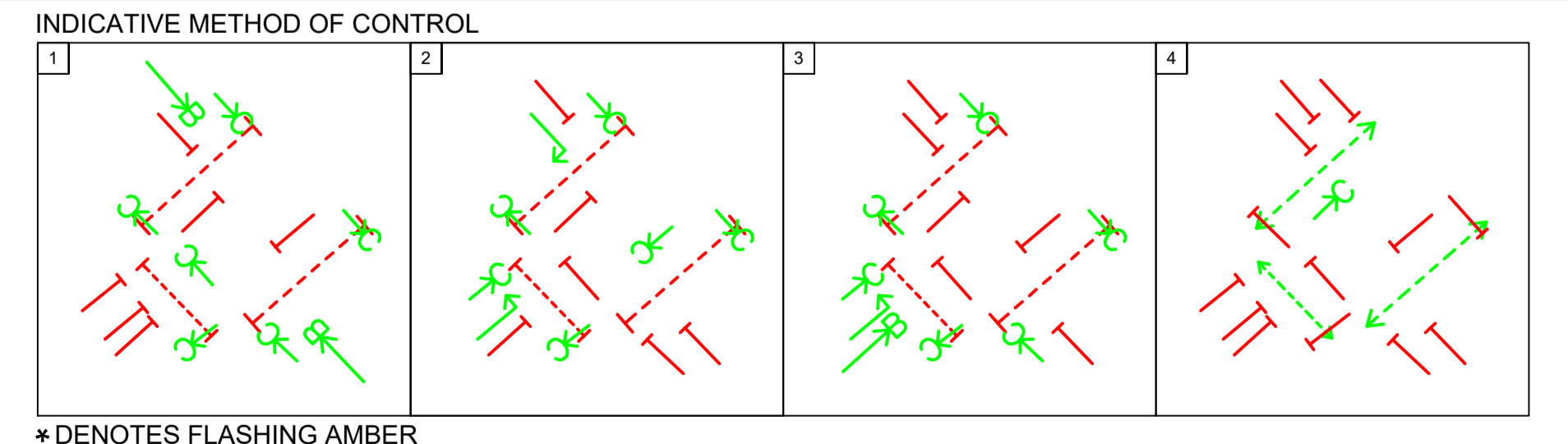
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BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title			
BELFIELD / BLACKROCK TO CITY CENTRE CORE BUS CORRIDOR SCHEME JUNCTION SYSTEMS DESIGN PEMBROKE ROAD / LANSDOWNE ROAD JUNCTION			
Drawing File Name	Sheet Number	Status	Rev
BCIDC-ARP-TSM_SJ-1415_XX_00-DR-TR-0023	23 of 31	A	M01

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- LEGEND:**
- TRAFFIC SIGNAL HEADS:**
- RTS 002 (C) PRIMARY
 - RTS 002 (C) SECONDARY
 - RTS 002 (D) PRIMARY
 - RTS 002 (D) SECONDARY
 - RTS 002 (H) PRIMARY
 - RTS 002 (H) SECONDARY
 - RTS 007 (LOW LEVEL) PRIMARY
 - RPC 004 PEDESTRIAN HEAD
- TRAFFIC SIGNAL EQUIPMENT:**
- POLE (STANDARD HEIGHT)
 - TALL POLE (TRAFFIC SIGNALS)
 - TALL POLE (CCTV/TRAFFIC SIGNALS)
 - PUSH BUTTON UNIT
 - POLE NUMBER
 - MAST ARM (VARIABLE LENGTH)
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- GENERAL:**
- SITE BOUNDARY LINE
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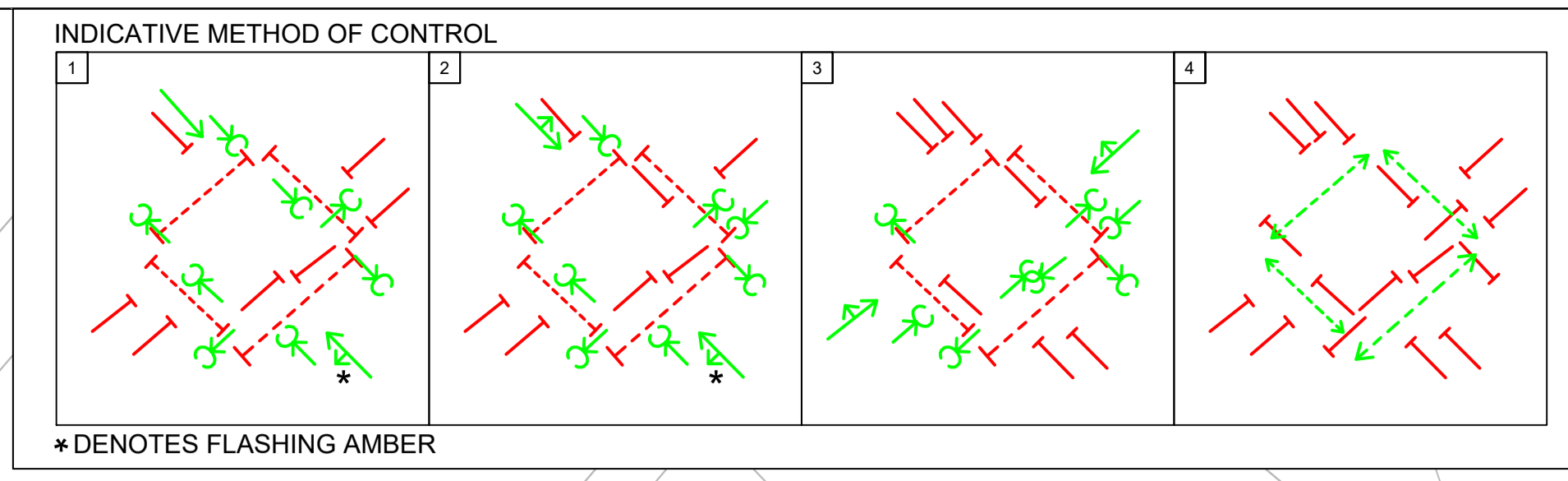
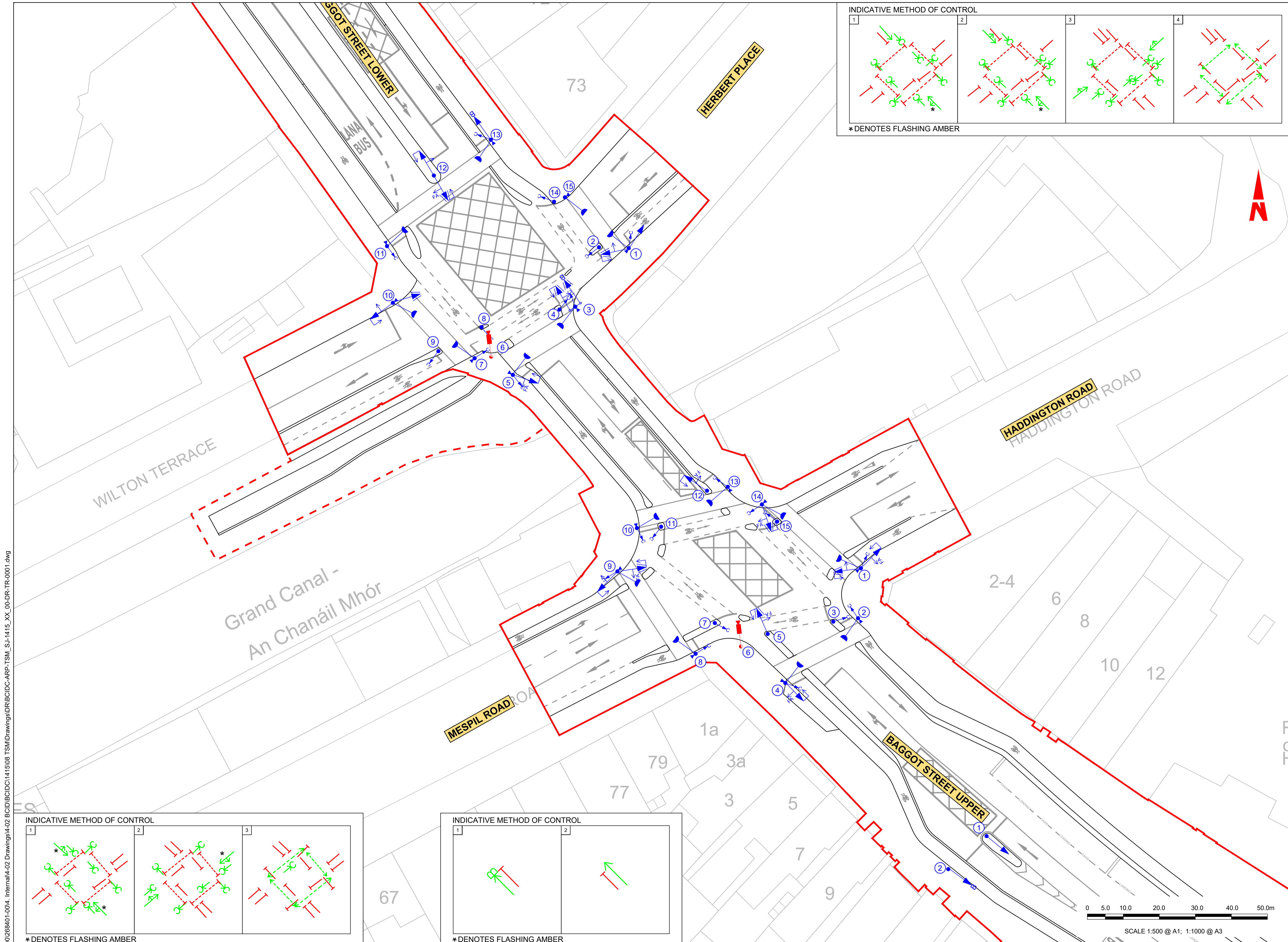
Client

Engineering Designer

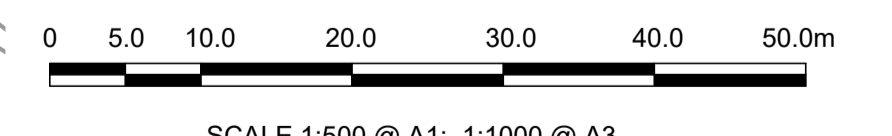
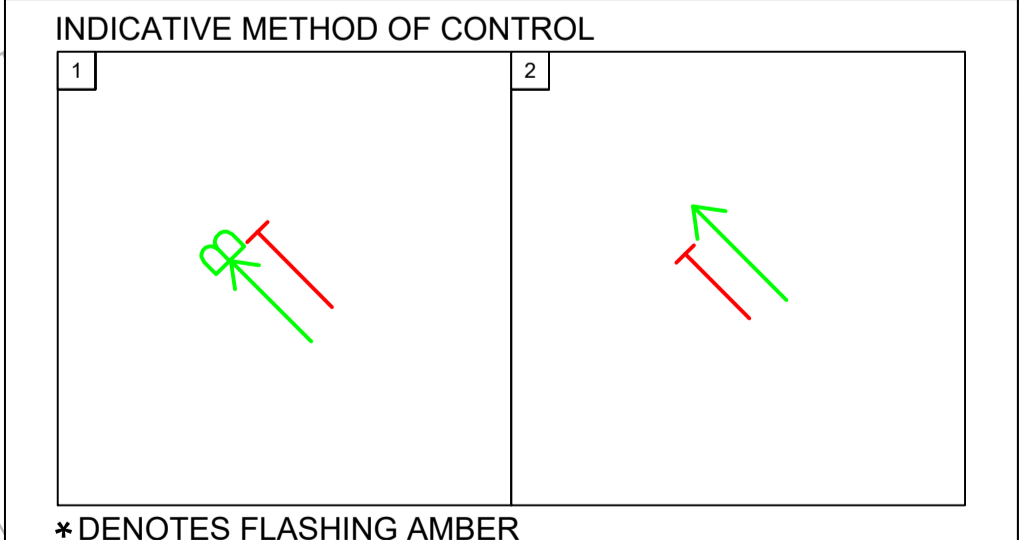
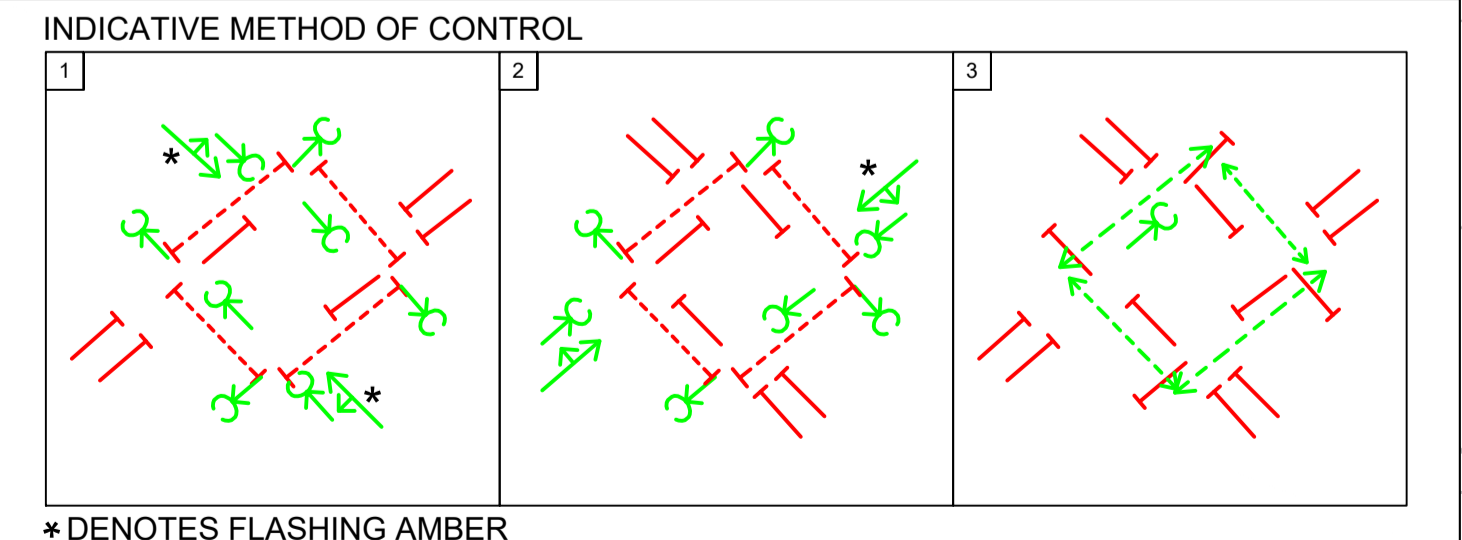
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		CORE BUS CORRIDORS INFRASTRUCTURE WORKS	
Drawing Title		BELFIELD / BLACKROCK TO CITY CENTRE CORE BUS CORRIDOR SCHEME JUNCTION SYSTEMS DESIGN BAGGOT STREET UPPER / WATERLOO ROAD JUNCTION	
Date	Scale	Drawn	Checked
04/03/2022	1:250 @ A1 1:500 @ A3	BM	BB
Project Code	Originator Code	QMS Code	Approved
BCIDC	ARP	268401-00	NH
Drawing File Name	Sheet Number	Status	Rev
BCIDC-ARP-TSM_SJ-1415_XX_00-DR-TR-0024	24 of 31	A	M01

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- LEGEND:
- TRAFFIC SIGNAL HEADS:**
- RTS 001 PRIMARY
 - RTS 001 SECONDARY
 - RTS 002 (D) PRIMARY
 - RTS 002 (D) SECONDARY
 - RTS 003 (H) PRIMARY
 - RTS 003 (H) SECONDARY
 - RTS 004 PRIMARY
 - RTS 004 SECONDARY
 - RTS 007 (LOW LEVEL) PRIMARY
 - RPC 004 PEDESTRIAN HEAD
- TRAFFIC SIGNAL EQUIPMENT:**
- POLE (STANDARD HEIGHT)
 - TALL POLE (CCTV/TRAFFIC SIGNALS)
 - POLE NUMBER
 - PUSH BUTTON UNIT
 - PAN / TILT / ZOOM CCTV CAMERA
- GENERAL:**
- SITE BOUNDARY LINE
 - TEMPORARY LAND ACQUISITION



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Building Ireland's Future

Rev	Date	Drm	Chk'd	App'd	Description
M01	04/03/2022	BM	BB	NH	ISSUE FOR PHASE 4: PLANNING

Client

Udarás Náisiúnta Iompair
National Transport Authority

Engineering Designer

ARUP

Programme Title

**BUSCONNECTS DUBLIN
CORE BUS CORRIDORS INFRASTRUCTURE WORKS**

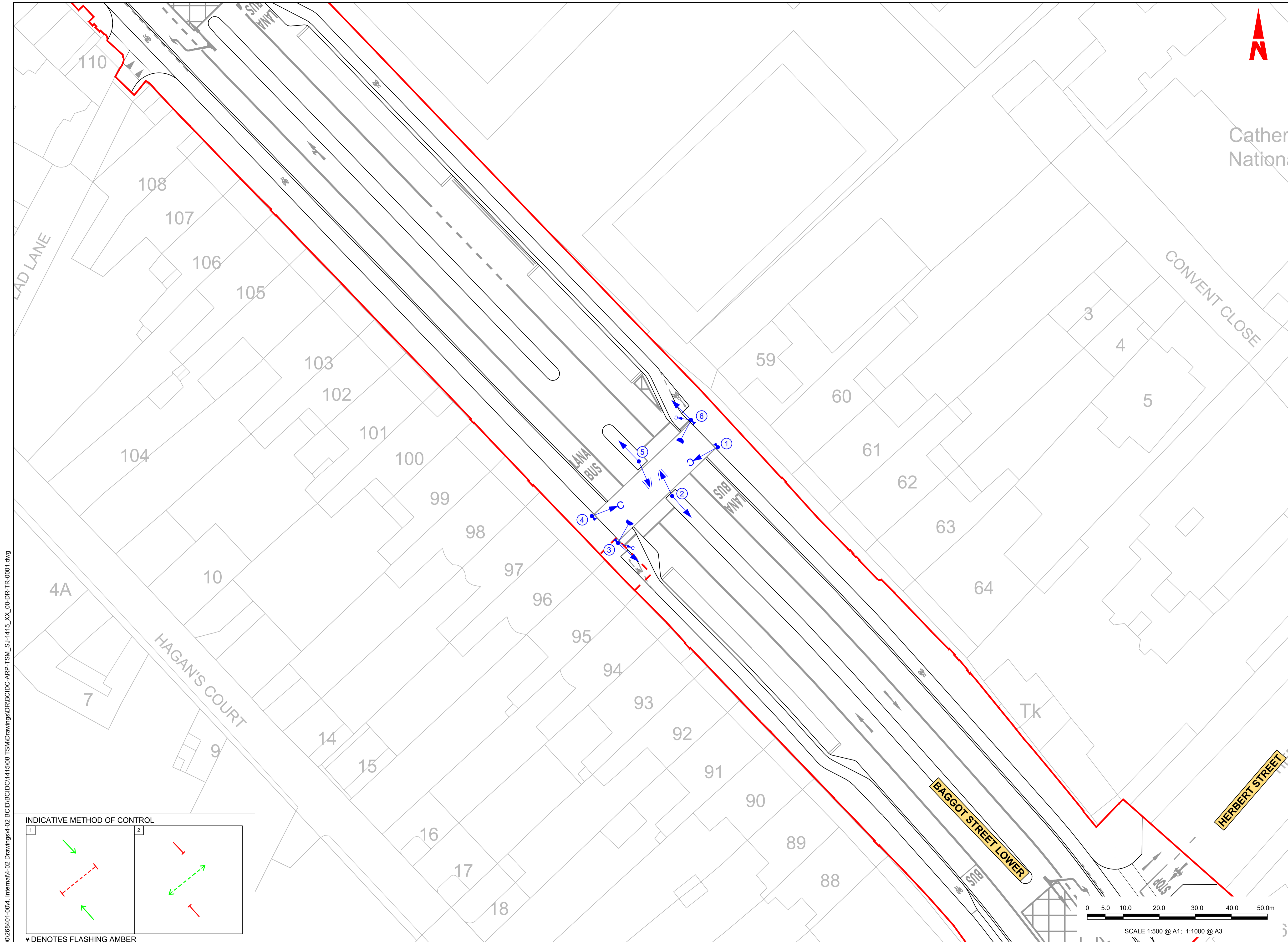
Drawing Title

BELFIELD / BLACKROCK TO CITY CENTRE CORE BUS CORRIDOR SCHEME
JUNCTION SYSTEMS DESIGN
BAGGOT STREET UPPER / MESPIL ROAD AND BAGGOT STREET LOWER / HERBERT PLACE JUNCTION

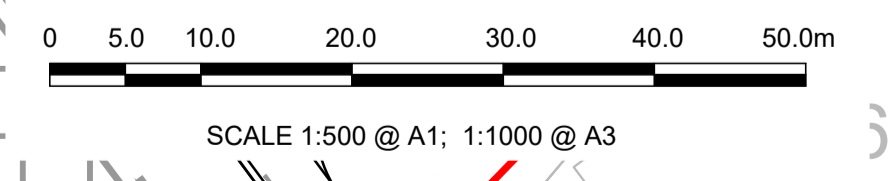
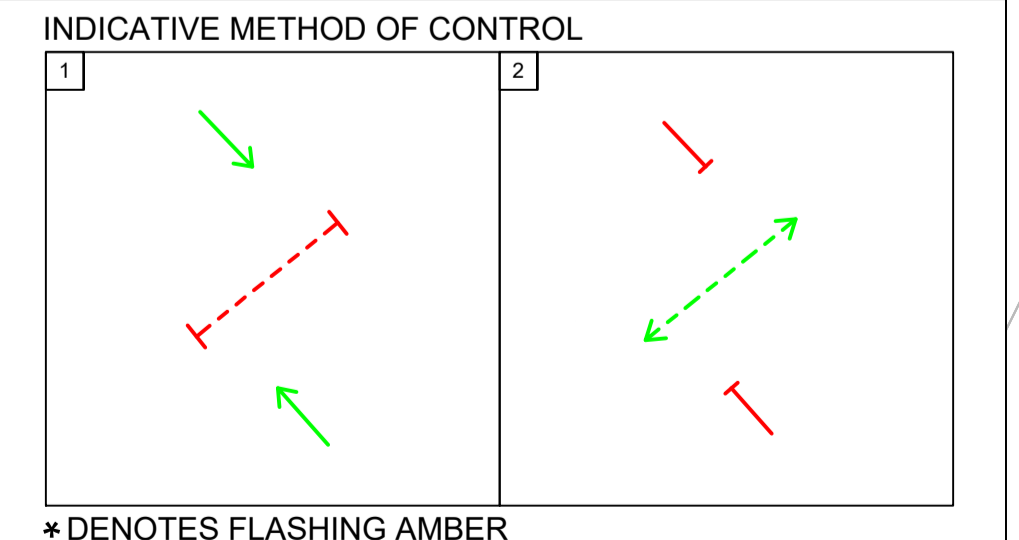
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- LEGEND:**
- TRAFFIC SIGNAL HEADS:**
 - RTS 001 PRIMARY
 - RTS 001 SECONDARY
 - RPC 004 PEDESTRIAN HEAD
 - RTS 007 (HIGH LEVEL) PRIMARY
 - RTS 007 (LOW LEVEL) PRIMARY
 - TRAFFIC SIGNAL EQUIPMENT:**
 - POLE NUMBER
 - POLE (STANDARD HEIGHT)
 - PUSH BUTTON UNIT
 - GENERAL:**
 - SITE BOUNDARY LINE
 - TEMPORARY LAND ACQUISITION



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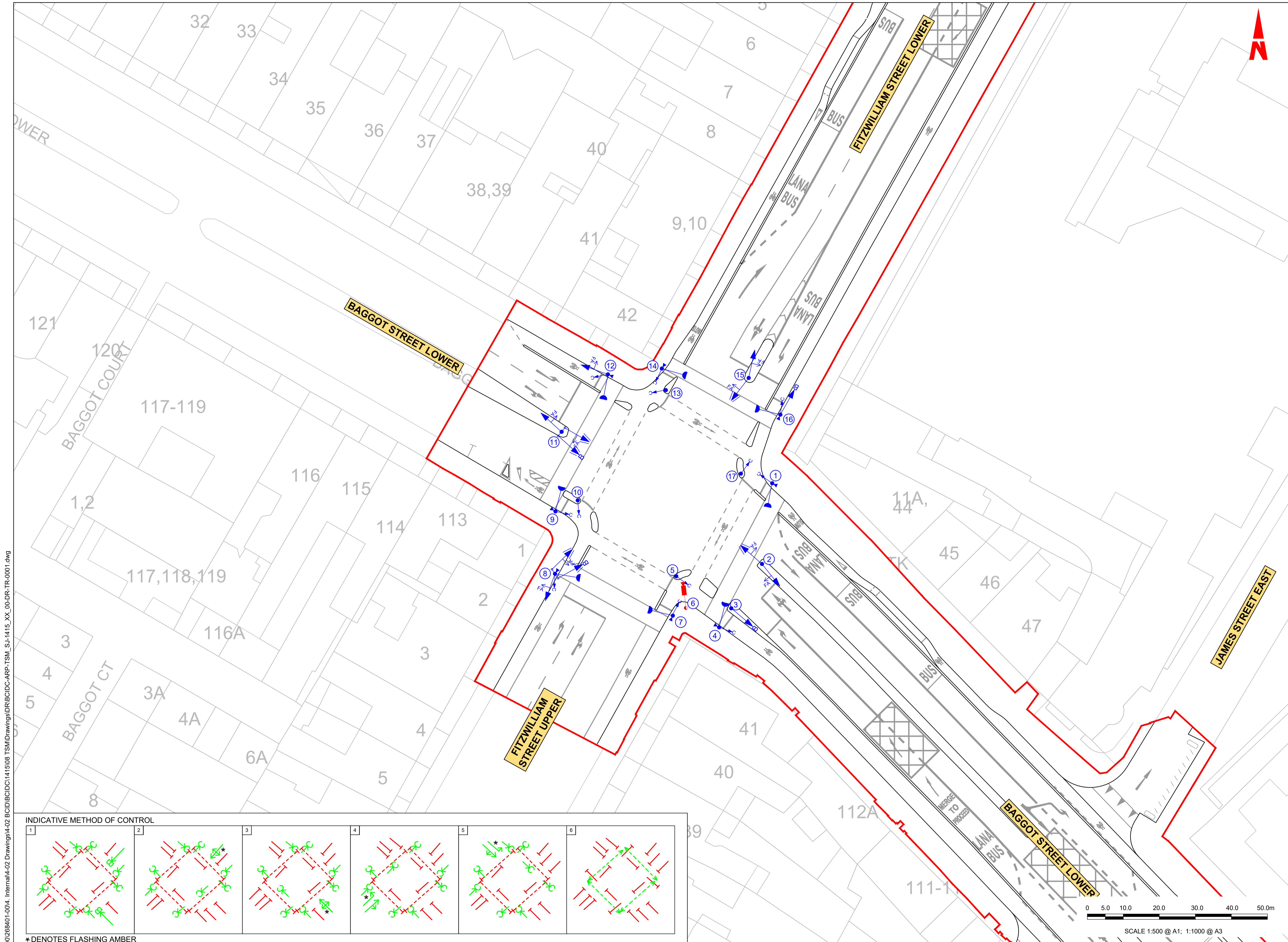
Rev	Date	Drm	Chk'd	App'd	Description
M01	04/03/2022	BM	BB	NH	ISSUE FOR PHASE 4: PLANNING

Client
NTA
 Údarás Náisiúnta Iompair
 National Transport Authority

Engineering Designer
ARUP

Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS	
Drawing Title BELFIELD / BLACKROCK TO CITY CENTRE CORE BUS CORRIDOR SCHEME JUNCTION SYSTEMS DESIGN BAGGOT STREET LOWER TOUCAN CROSSING	
Drawing File Name BCIDC-ARP-TSM_SJ-1415_XX_00-DR-TR-0026	Sheet Number 26 of 31
Status A	Rev M01

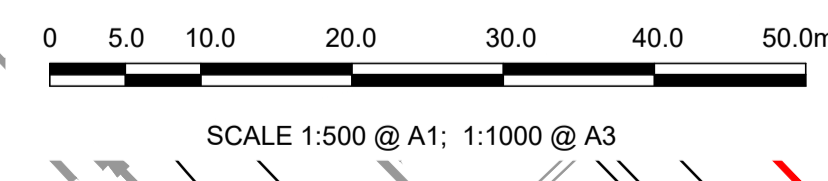
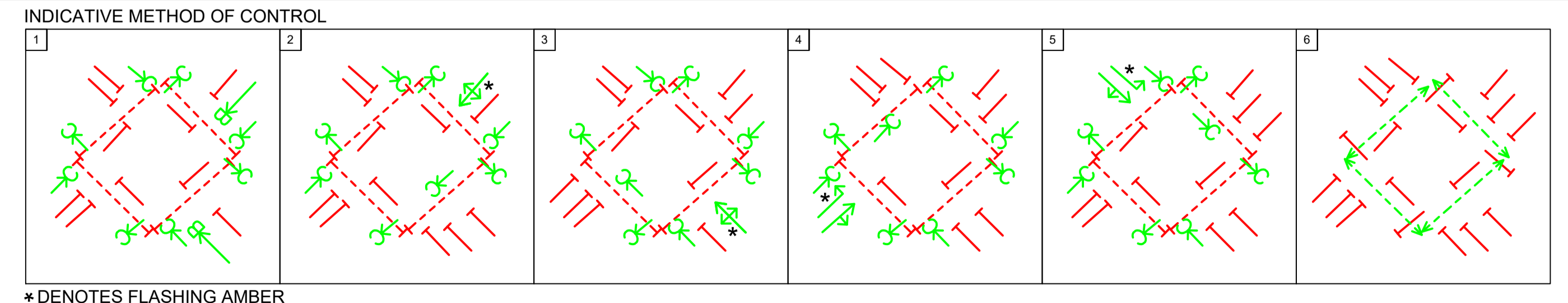
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- LEGEND:**
- TRAFFIC SIGNAL HEADS:**
- RTS 002 (D) PRIMARY
 - RTS 002 (D) SECONDARY
 - RTS 004 PRIMARY
 - RTS 004 SECONDARY
 - RTS 007 (LOW LEVEL) PRIMARY
 - RPC 004 PEDESTRIAN HEAD
- TRAFFIC SIGNAL EQUIPMENT:**
- POLE (STANDARD HEIGHT)
 - TALL POLE (CCTV/TRAFFIC SIGNALS)
 - POLE NUMBER
 - PUSH BUTTON UNIT
 - PAN / TILT / ZOOM CCTV CAMERA
- GENERAL:**
- SITE BOUNDARY LINE
 - TEMPORARY LAND ACQUISITION

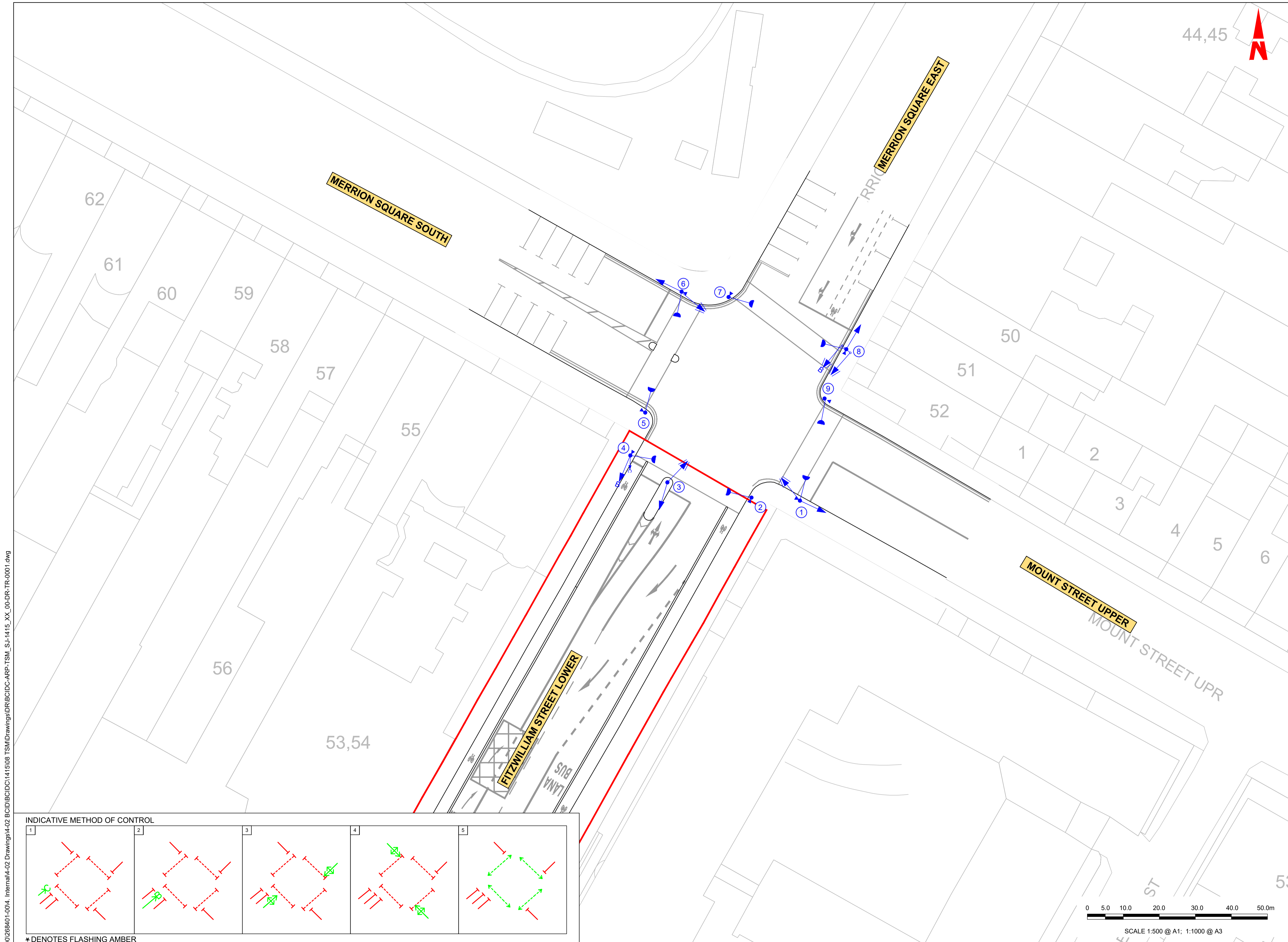


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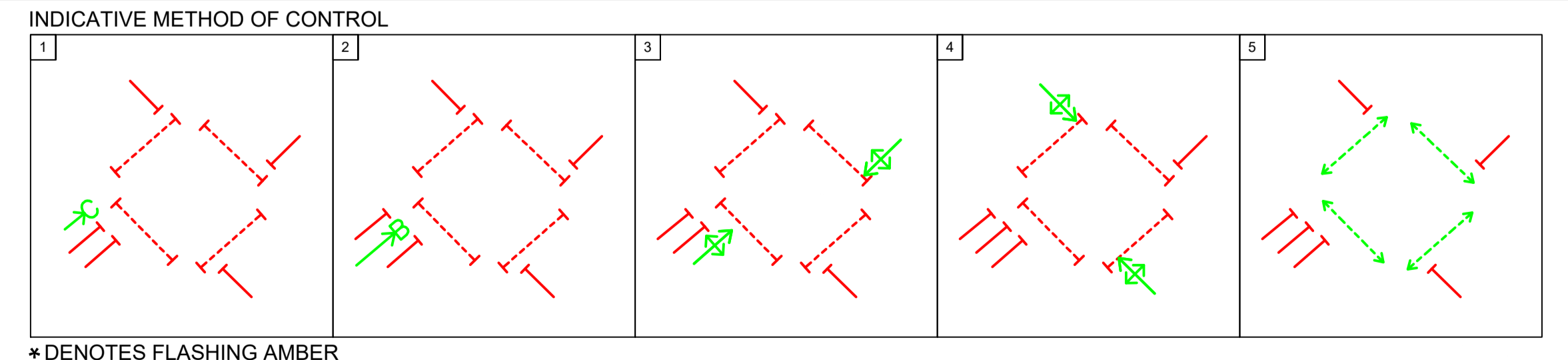


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<p>Date 04/03/2022</p> <p>Scale 1:250 @ A1 1:500 @ A3</p> <p>Project Code BCIDC</p> <p>Originator Code ARP</p> <p>QMS Code 268401-00</p>		<p>Drawn BM</p> <p>Checked BB</p> <p>Approved NH</p>			<p>Drawing Title</p> <p>BELFIELD / BLACKROCK TO CITY CENTRE CORE BUS CORRIDOR SCHEME JUNCTION SYSTEMS DESIGN BAGGOT STREET LOWER / FITZWILLIAM STREET UPPER JUNCTION</p>			<p>Drawing File Name</p> <p>BCIDC-ARP-TSM_SJ-1415_XX_00-DR-TR-0027</p> <p>Sheet Number 27 of 31</p> <p>Status A</p> <p>Rev M01</p>			

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- LEGEND:**
- TRAFFIC SIGNAL HEADS:**
- RTS 001 PRIMARY
 - RTS 001 SECONDARY
 - RTS 002 (D) PRIMARY
 - RTS 002 (D) SECONDARY
 - RTS 007 (LOW LEVEL) PRIMARY
 - RPC 004 PEDESTRIAN HEAD
- TRAFFIC SIGNAL EQUIPMENT:**
- POLE (STANDARD HEIGHT)
 - POLE NUMBER
 - PUSH BUTTON UNIT
- GENERAL:**
- SITE BOUNDARY LINE
 - TEMPORARY LAND ACQUISITION



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Rev	Date	Drm	Chk'd	App'd	Description
M01	04/03/2022	BM	BB	NH	ISSUE FOR PHASE 4: PLANNING

Client

Engineering Designer

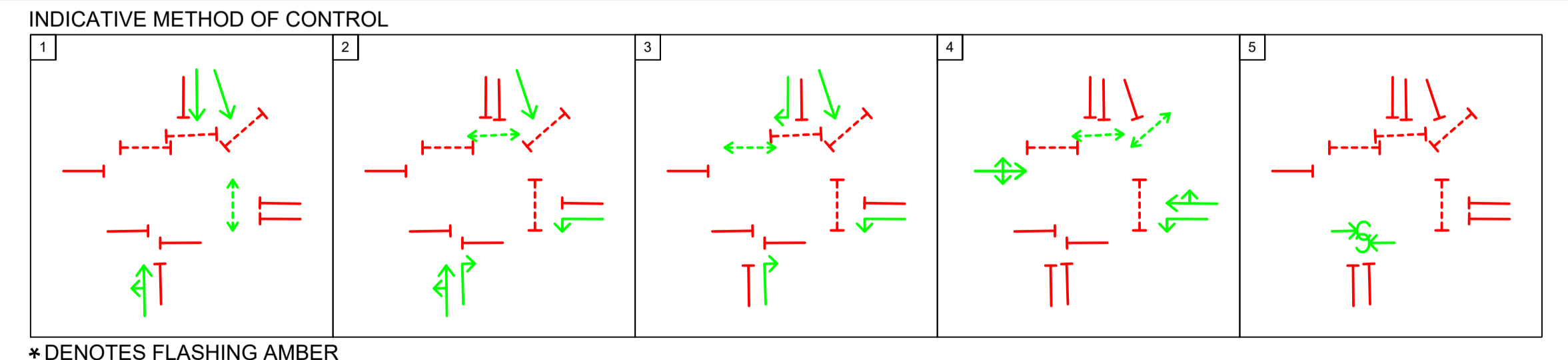
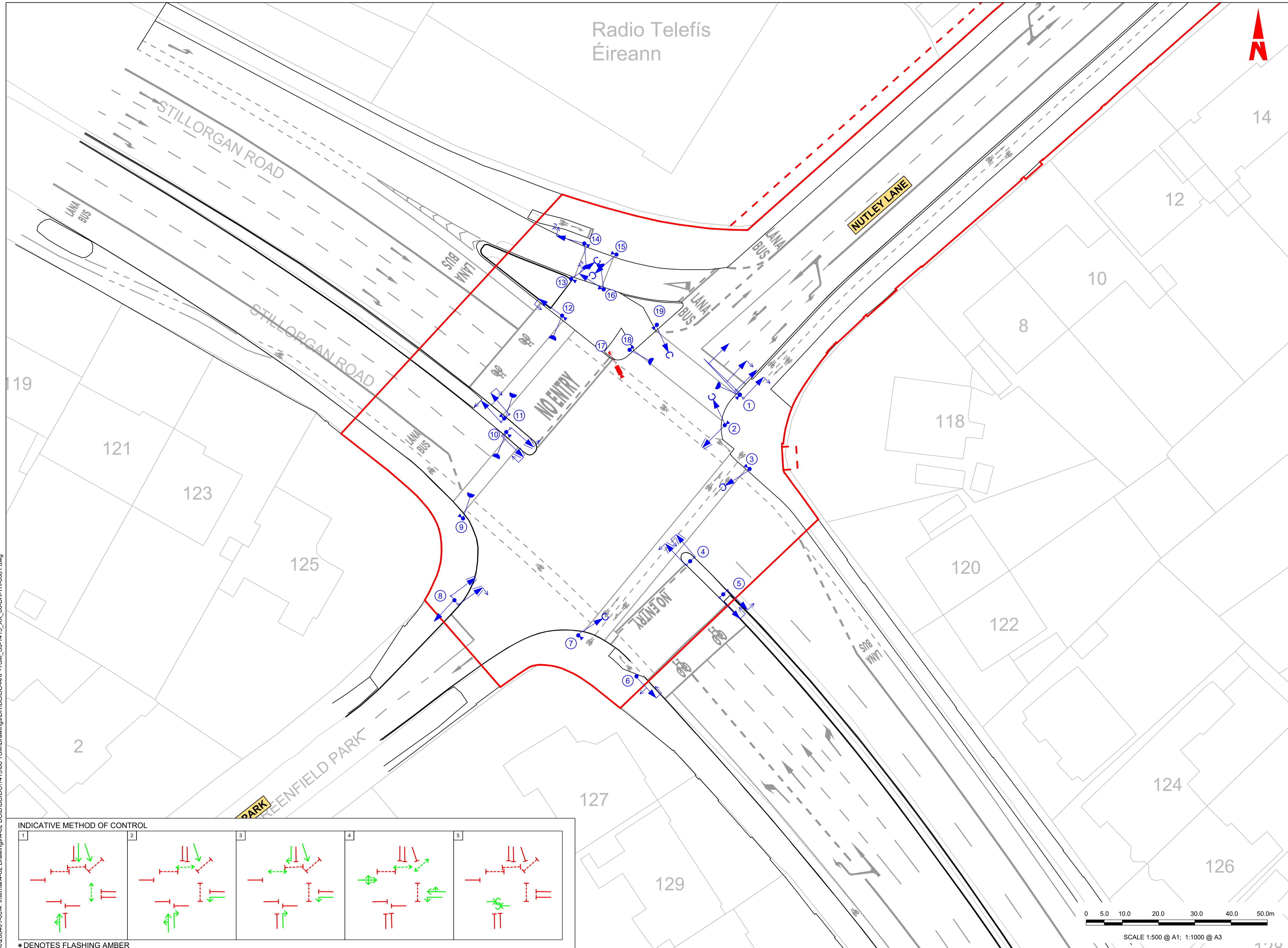
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Drawing Title		BELFIELD / BLACKROCK TO CITY CENTRE CORE BUS CORRIDOR SCHEME JUNCTION SYSTEMS DESIGN FITZWILLIAM STREET LOWER / MOUNT STREET UPPER JUNCTION		
Date	Scale	Drawn	Checked	Approved
04/03/2022	1:250 @ A1 1:500 @ A3	BM	BB	NH
Project Code	Originator Code	QMS Code		
BCIDC	ARP	268401-00		
Drawing File Name	Sheet Number	Status	Rev	
BCIDC-ARP-TSM_SJ-1415_XX_00-DR-TR-0028	28 of 31	A	M01	

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- LEGEND:**
- TRAFFIC SIGNAL HEADS:**
- RTS 001 PRIMARY
 - RTS 001 SECONDARY
 - RTS 002 (B) PRIMARY
 - RTS 002 (B) SECONDARY
 - RTS 002 (C) PRIMARY
 - RTS 002 (C) SECONDARY
 - RTS 003 (H) PRIMARY
 - RTS 004 PRIMARY
 - RPC 004 PEDESTRIAN HEAD
 - RTS 007 (HIGH LEVEL) PRIMARY
- TRAFFIC SIGNAL EQUIPMENT:**
- POLE (STANDARD HEIGHT)
 - TALL POLE (TRAFFIC SIGNALS)
 - TALL POLE (CCTV/TRAFFIC SIGNALS)
 - POLE NUMBER
 - MAST ARM (VARIABLE LENGTH)
 - PUSH BUTTON UNIT
 - PAN / TILT / ZOOM CCTV CAMERA
- GENERAL:**
- SITE BOUNDARY LINE
 - TEMPORARY LAND ACQUISITION



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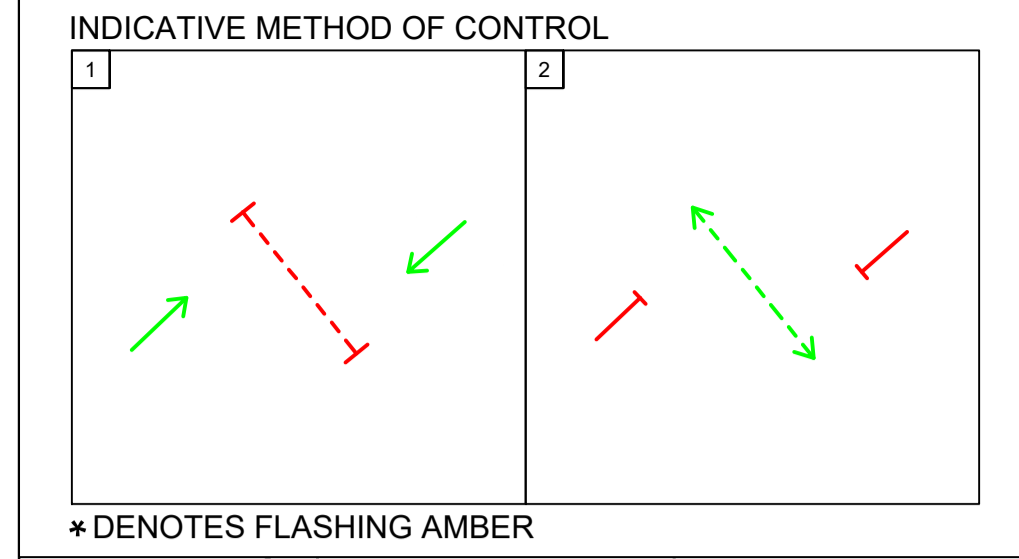
Client

Engineering Designer

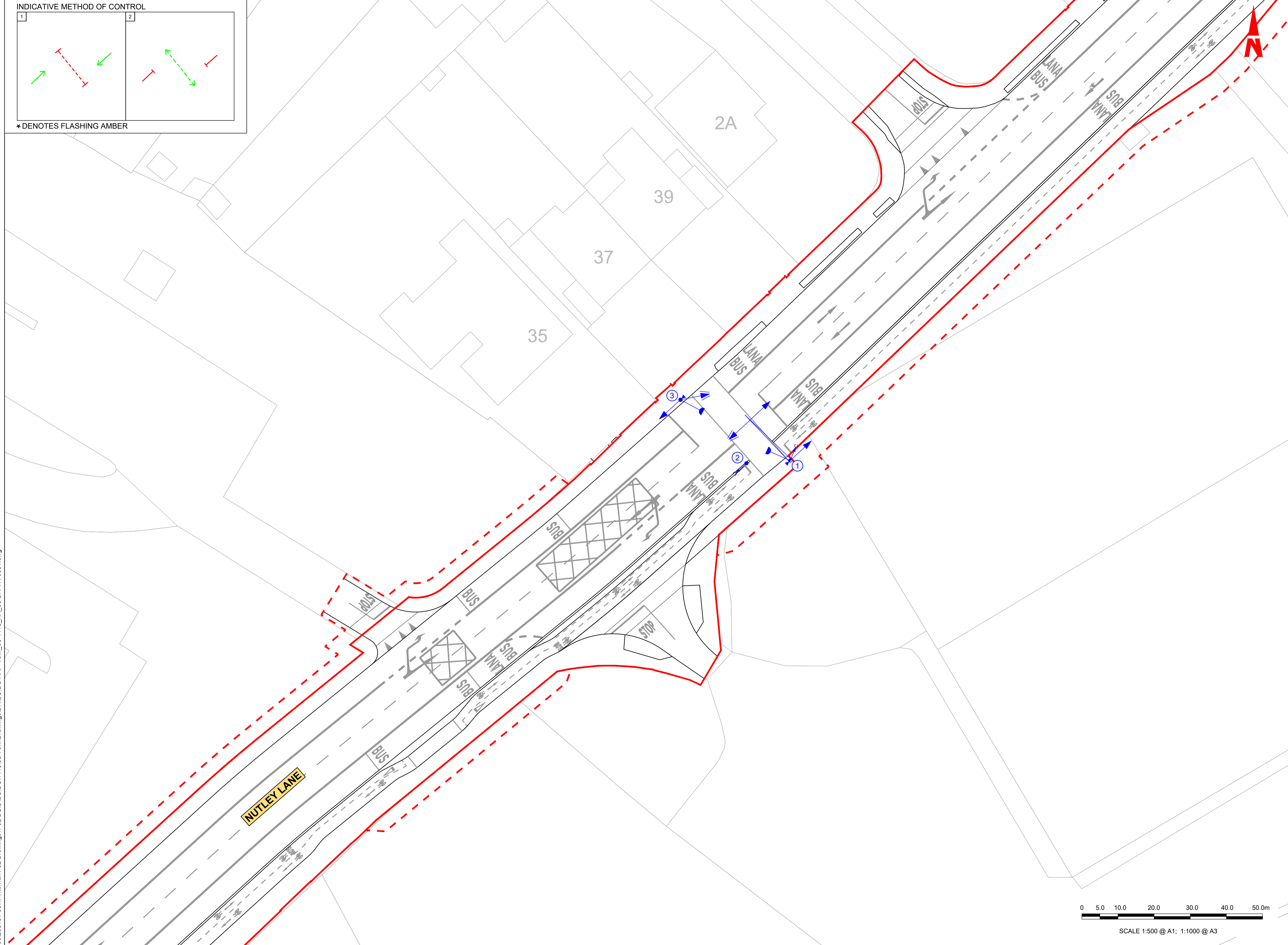
Programme Title		BUSCONNECTS DUBLIN		
		CORE BUS CORRIDORS INFRASTRUCTURE WORKS		
Drawing Title		BELFIELD / BLACKROCK TO CITY CENTRE CORE BUS CORRIDOR SCHEME JUNCTION SYSTEMS DESIGN NUTLEY LANE AND STILLORGAN ROAD JUNCTION		
Date	Scale	Drawn	Checked	Approved
04/03/2022	1:250 @ A1 1:500 @ A3	BM	BB	NH
Project Code	Originator Code	QMS Code		
BCIDC	ARP	268401-00		
Drawing File Name	Sheet Number	Status	Rev	
BCIDC-ARP-TSM_SJ-1415_XX_00-DR-TR-0029	29 of 31	A	M01	

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- LEGEND:**
- TRAFFIC SIGNAL HEADS:**
 - RTS 001 PRIMARY
 - RTS 001 SECONDARY
 - RTS 007 (LOW LEVEL) PRIMARY
 - RPC 004 PEDESTRIAN HEAD
 - TRAFFIC SIGNAL EQUIPMENT:**
 - POLE NUMBER
 - PUSH BUTTON UNIT
 - POLE (STANDARD HEIGHT)
 - MAST ARM (VARIABLE LENGTH)
 - TALL POLE (TRAFFIC SIGNALS)
 - GENERAL:**
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Client
NTA
 Údarás Náisiúnta Iompair
 National Transport Authority

Engineering Designer
ARUP

Date	Scale	Drawn	Checked	Approved
04/03/2022	1:250 @ A1 1:500 @ A3	BM	BB	NH

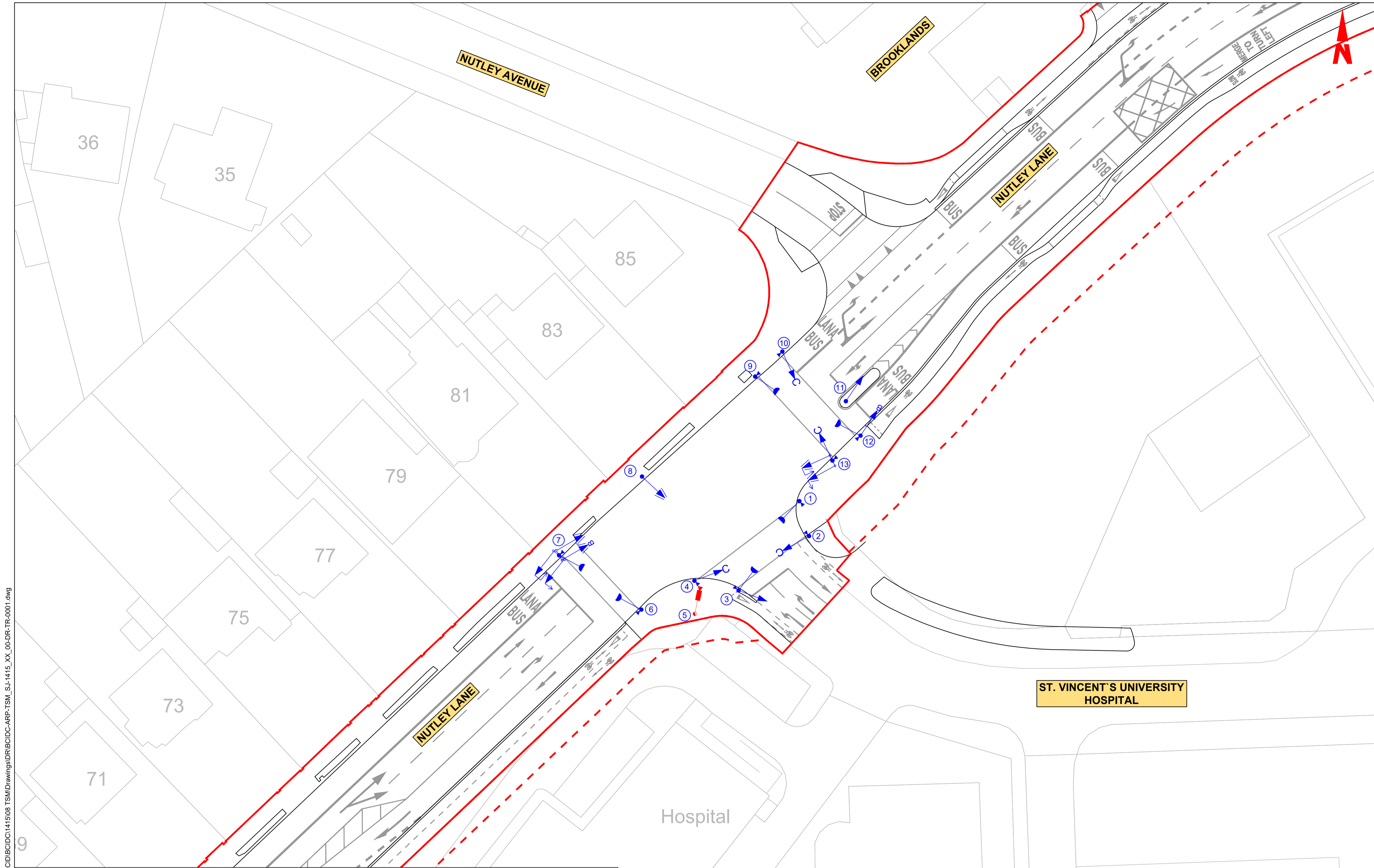
Programme Title
BUSCONNECTS DUBLIN
CORE BUS CORRIDORS INFRASTRUCTURE WORKS

Drawing Title
 BELFIELD / BLACKROCK TO CITY CENTRE CORE BUS CORRIDOR SCHEME
 JUNCTION SYSTEMS DESIGN
 NUTLEY LANE TOUCAN CROSSING

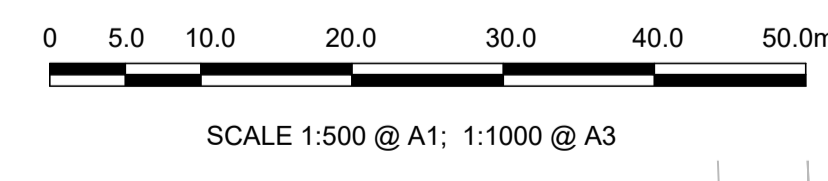
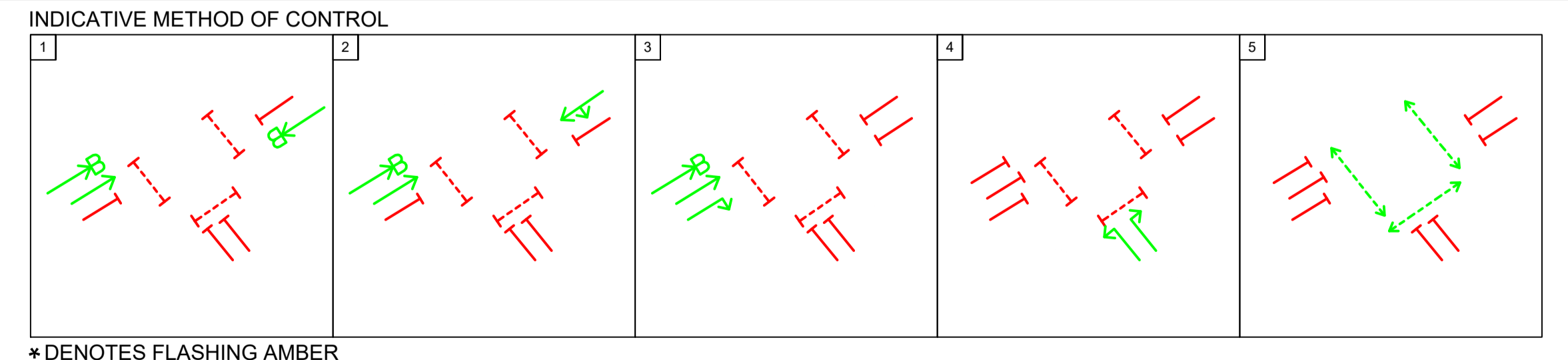
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BCIDC-ARP-TSM_SJ-1415_XX_00-DR-TR-0030	30 of 31	A	M01

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- LEGEND:**
- TRAFFIC SIGNAL HEADS:**
- RTS 001 PRIMARY
 - RTS 001 SECONDARY
 - RTS 002 (C) PRIMARY
 - RTS 002 (C) SECONDARY
 - RTS 002 (B) PRIMARY
 - RTS 002 (B) SECONDARY
 - RTS 002 (D) PRIMARY
 - RTS 002 (D) SECONDARY
 - RPC 004 PEDESTRIAN HEAD
 - RTS 007 (HIGH LEVEL) PRIMARY
- TRAFFIC SIGNAL EQUIPMENT:**
- POLE (STANDARD HEIGHT)
 - PUSH BUTTON UNIT
 - TALL POLE (CCTV/TRAFFIC SIGNALS)
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Rev	Date	Drm	Chk'd	App'd	Description
M01	04/03/2022	BM	BB	NH	ISSUE FOR PHASE 4: PLANNING

Client: **NTA**
Udarás Náisiúnta Iompair
National Transport Authority

Engineering Designer: **ARUP**

Date: 04/03/2022 | Scale: 1:250 @ A1, 1:500 @ A3

Drawn: BM | Checked: BB | Approved: NH

Project Code: BCIDC | Originator Code: ARP | QMS Code: 268401-00

Programme Title: **BUSCONNECTS DUBLIN**
CORE BUS CORRIDORS INFRASTRUCTURE WORKS

Drawing Title: BELFIELD / BLACKROCK TO CITY CENTRE CORE BUS CORRIDOR SCHEME
JUNCTION SYSTEMS DESIGN
NUTLEY LANE / ST VINCENTS UNIVERSITY HOSPITAL JUNCTION

Drawing File Name: BCIDC-ARP-TSM_SJ-1415_XX_00-DR-TR-0031 | Sheet Number: 31 of 31 | Status: A | Rev: M01

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