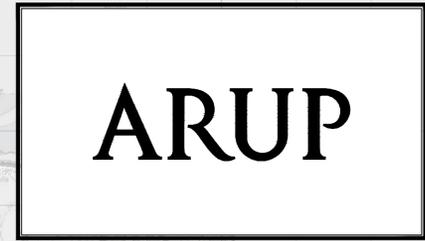




Appendix B10
Junction Systems Design



BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS

TEMPLEOGUE / RATHFARNHAM TO CITY CENTRE CORE BUS CORRIDOR SCHEME

JUNCTION SYSTEMS DESIGN

DRAWING SERIES NUMBER(S)	DRAWING SERIES DESCRIPTION
BCIDC-ARP-TSM_IX-1012_XX_00-DR-TR-0001	TEMPLEOGUE / RATHFARNHAM TO CITY CENTRE CORE BUS CORRIDOR SCHEME. JUNCTION SYSTEMS DESIGN. COVER SHEET
BCIDC-ARP-TSM_KP-1012_XX_00-DR-TR-0001	TEMPLEOGUE / RATHFARNHAM TO CITY CENTRE CORE BUS CORRIDOR SCHEME. JUNCTION SYSTEMS DESIGN. KEY PLAN
BCIDC-ARP-TSM_GA-1012_XX_00-DR-TR-0001 to 0047	TEMPLEOGUE / RATHFARNHAM TO CITY CENTRE CORE BUS CORRIDOR SCHEME. JUNCTION SYSTEMS DESIGN

\\global\europa\dublin\jobs\268600026840-004_Interna\4-02 Drawings\4-02 BCIDC\BCIDC-ARP-TSM_IX-1012_XX_00-DR-TR-0001.dwg

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Rev	Date	Drn	Chk'd	App'd	Description
M01	27/01/2023	GMcT	TM	DC	ISSUE FOR PHASE 4: PLANNING

Client NTA Údarás Náisiúnta Iompair National Transport Authority		Engineering Designer ARUP		
Date 27/01/2023	Scale N/A @ A1 N/A @ A3	Drawn GMcT	Checked TM	Approved DC
Project Code BCIDC	Originator Code ARP	QMS Code 268401-00		

Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title TEMPLEOGUE / RATHFARNHAM TO CITY CENTRE CORE BUS CORRIDOR SCHEME JUNCTION SYSTEMS DESIGN COVER SHEET			
Drawing File Name BCIDC-ARP-TSM_IX-1012_XX_00-DR-TR-0001	Sheet Number 01 of 01	Status A	Rev M01

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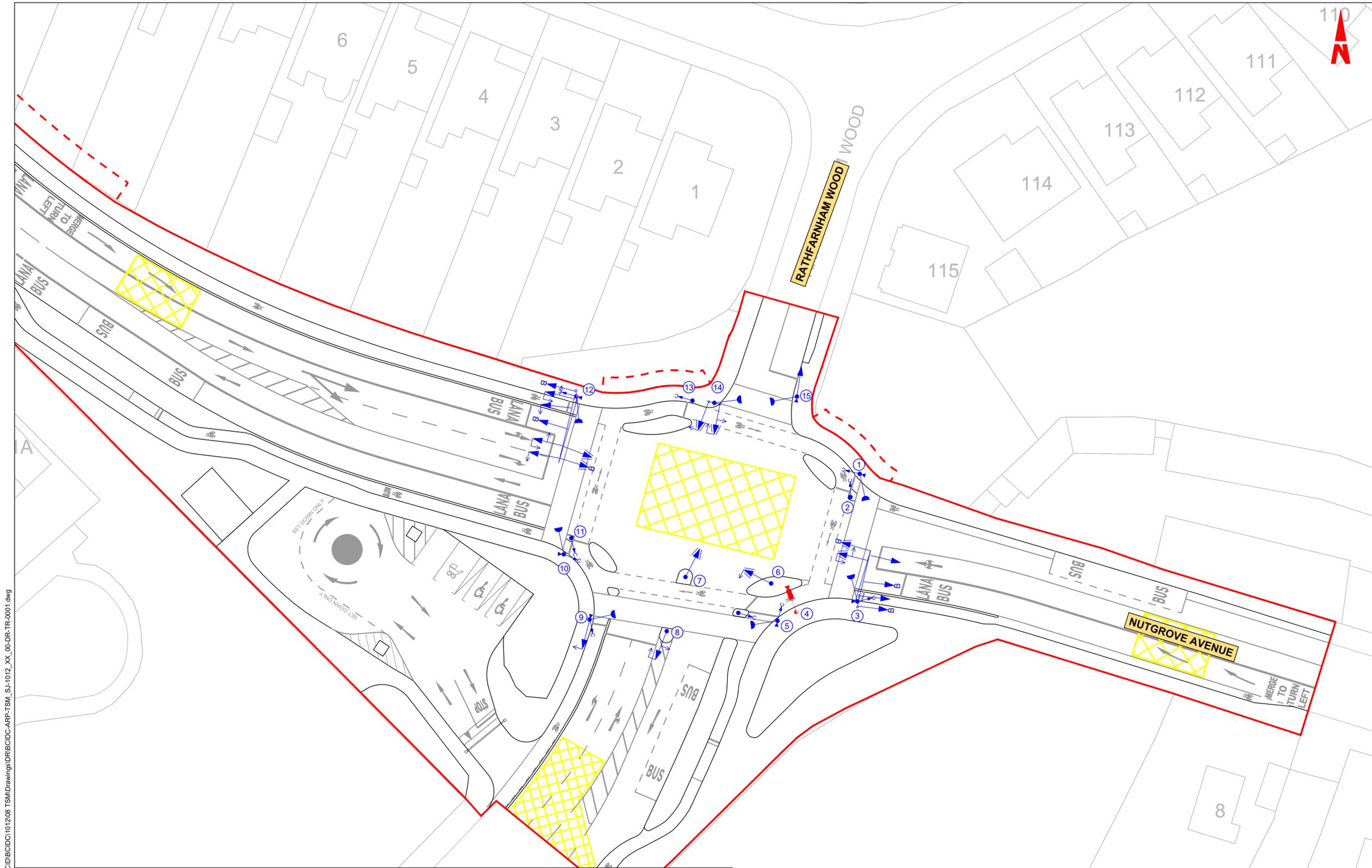
Rev	Date	Drn	Chk'd	App'd	Description
M01	27/01/2023	GMcT	TM	DC	ISSUE FOR PHASE 4: PLANNING

Client
NTA
 Údarás Náisiúnta Iompair
 National Transport Authority

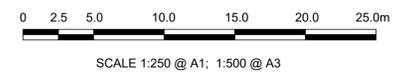
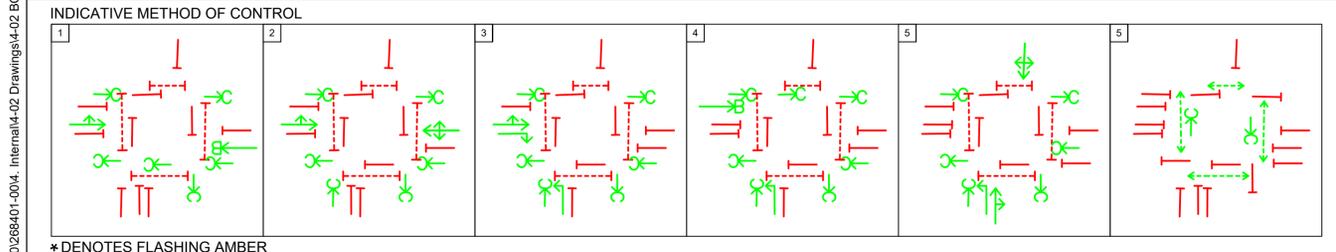
Engineering Designer
ARUP

Programme Title		Drawing Title	
BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS		TEMPLEOGUE / RATHFARNHAM TO CITY CENTRE CORE BUS CORRIDOR SCHEME JUNCTION SYSTEMS DESIGN KEY PLAN	
Drawing File Name	Sheet Number	Status	Rev
BCIDC-ARP-TSM_KP-1012_XX_00-DR-TR-0001	01 of 01	A	M01

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



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M01	27/01/2023	GMcT	TM	DC	ISSUE FOR PHASE 4: PLANNING

Client

NTA
Údarás Náisiúnta Iompair
National Transport Authority

Engineering Designer

Drawn: GMcT
Checked: TM
Approved: DC

Programme Title			
BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title			
TEMPLEOGUE / RATHFARNHAM TO CITY CENTRE CORE BUS CORRIDOR SCHEME JUNCTION SYSTEMS DESIGN NUTGROVE AVENUE / GRANGE ROAD JUNCTION			
Drawing File Name	Sheet Number	Status	Rev
BCIDC-ARP-TSM_SJ-1012_XX_00-DR-TR-0001	01 of 47	A	M01

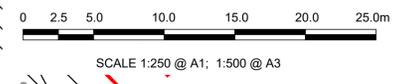
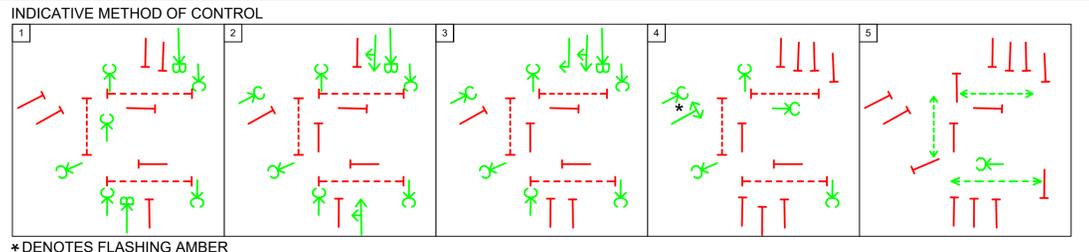
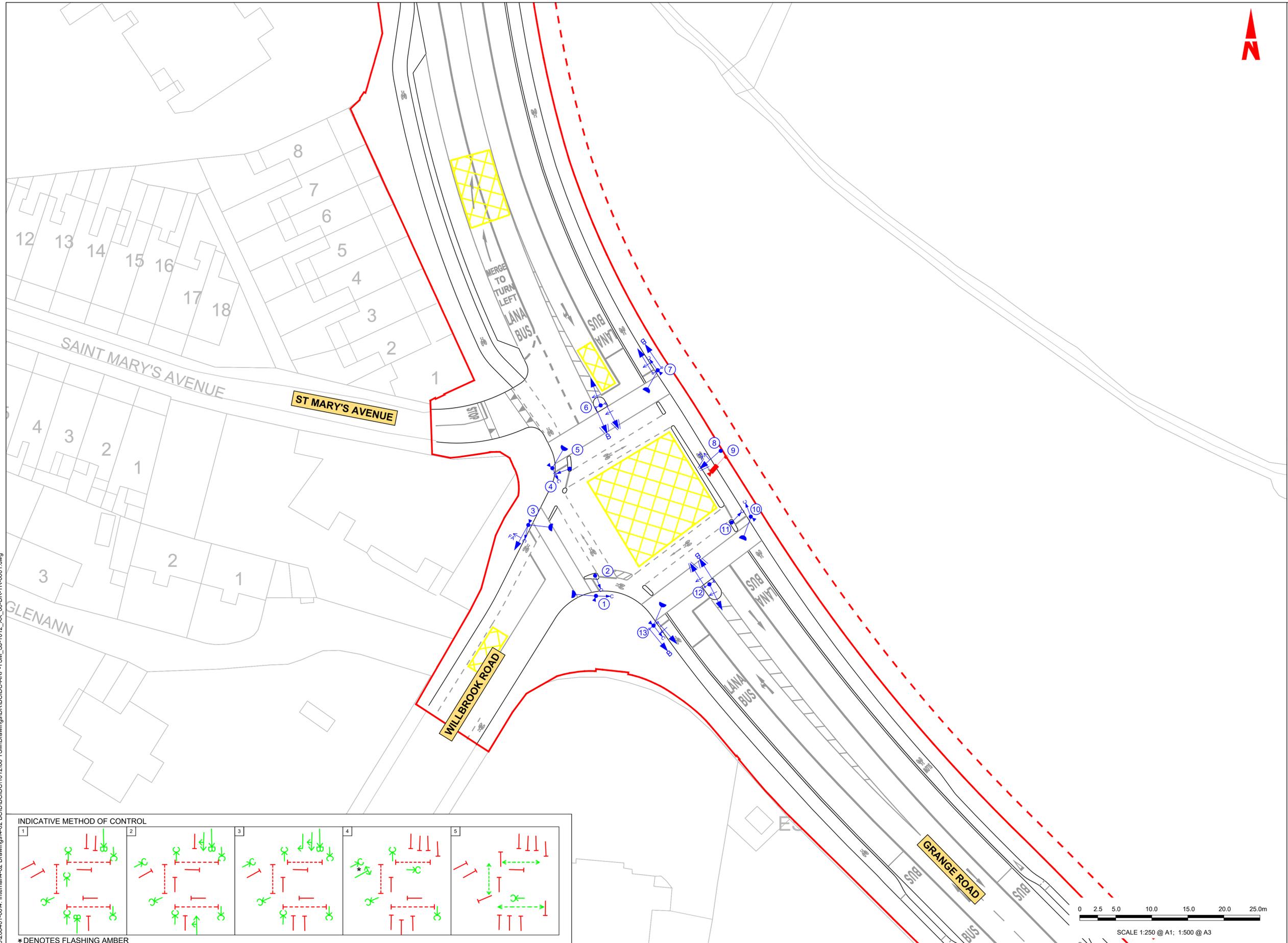
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- RTS 002 (D) PRIMARY
 - RTS 002 (D) SECONDARY
 - RTS 003 (A) PRIMARY
 - RTS 003 (A) SECONDARY
 - RTS 003 (C) PRIMARY
 - RTS 003 (C) SECONDARY
 - RTS 004 PRIMARY
 - RTS 004 SECONDARY
 - RTS 007 (LOW LEVEL) PRIMARY
 - RPC 004 PEDESTRIAN HEAD
- TRAFFIC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



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Client
NTA
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 National Transport Authority

Engineering Designer
ARUP

Date	Scale	Drawn	Checked	Approved
27/01/2023	1:250 @ A1 1:500 @ A3	GMcT	TM	DC

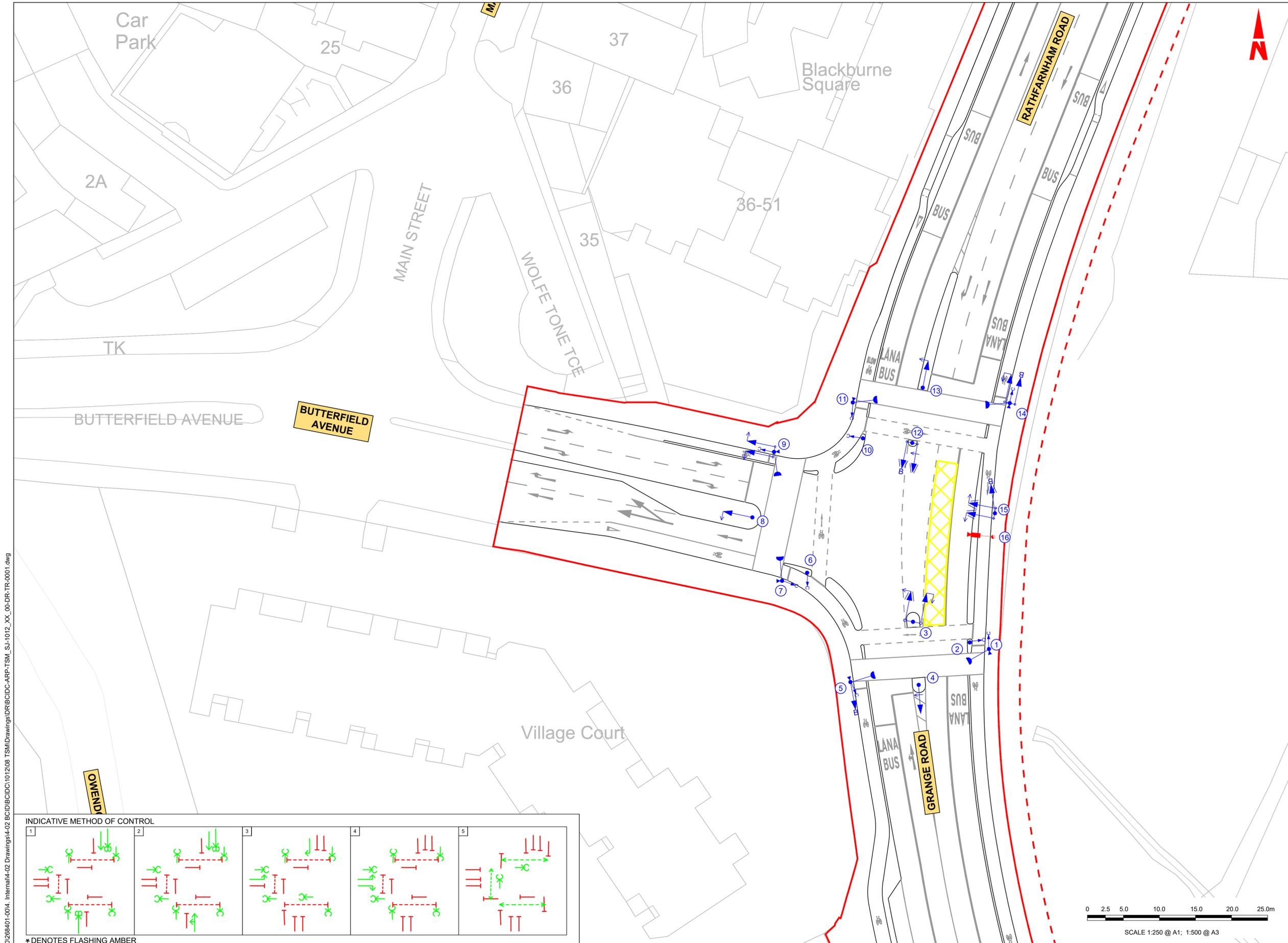
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**BUSCONNECTS DUBLIN
 CORE BUS CORRIDORS INFRASTRUCTURE WORKS**

Drawing Title
 TEMPLEOGUE / RATHFARNHAM TO CITY CENTRE CORE BUS CORRIDOR SCHEME
 JUNCTION SYSTEMS DESIGN
 GRANGE ROAD / WILBROOK ROAD JUNCTION

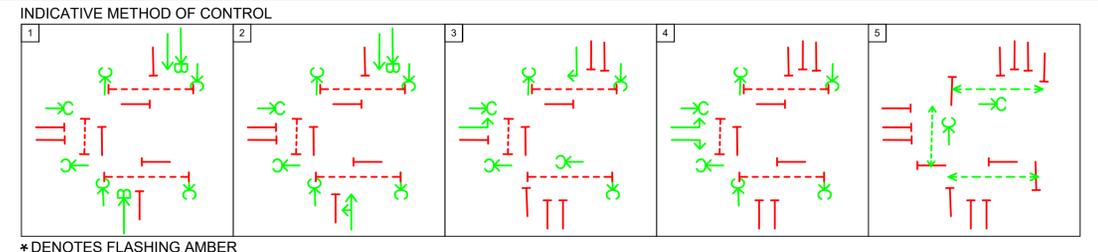
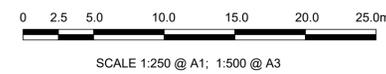
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 - RTS 002 (A) SECONDARY
 - RTS 002 (B) PRIMARY
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 - RTS 003 (C) PRIMARY
 - RTS 003 (C) SECONDARY
 - RTS 007 (LOW LEVEL) PRIMARY
 - RPC 004 PEDESTRIAN HEAD
- TRAFFIC SIGNAL EQUIPMENT:**
- PAN / TILT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



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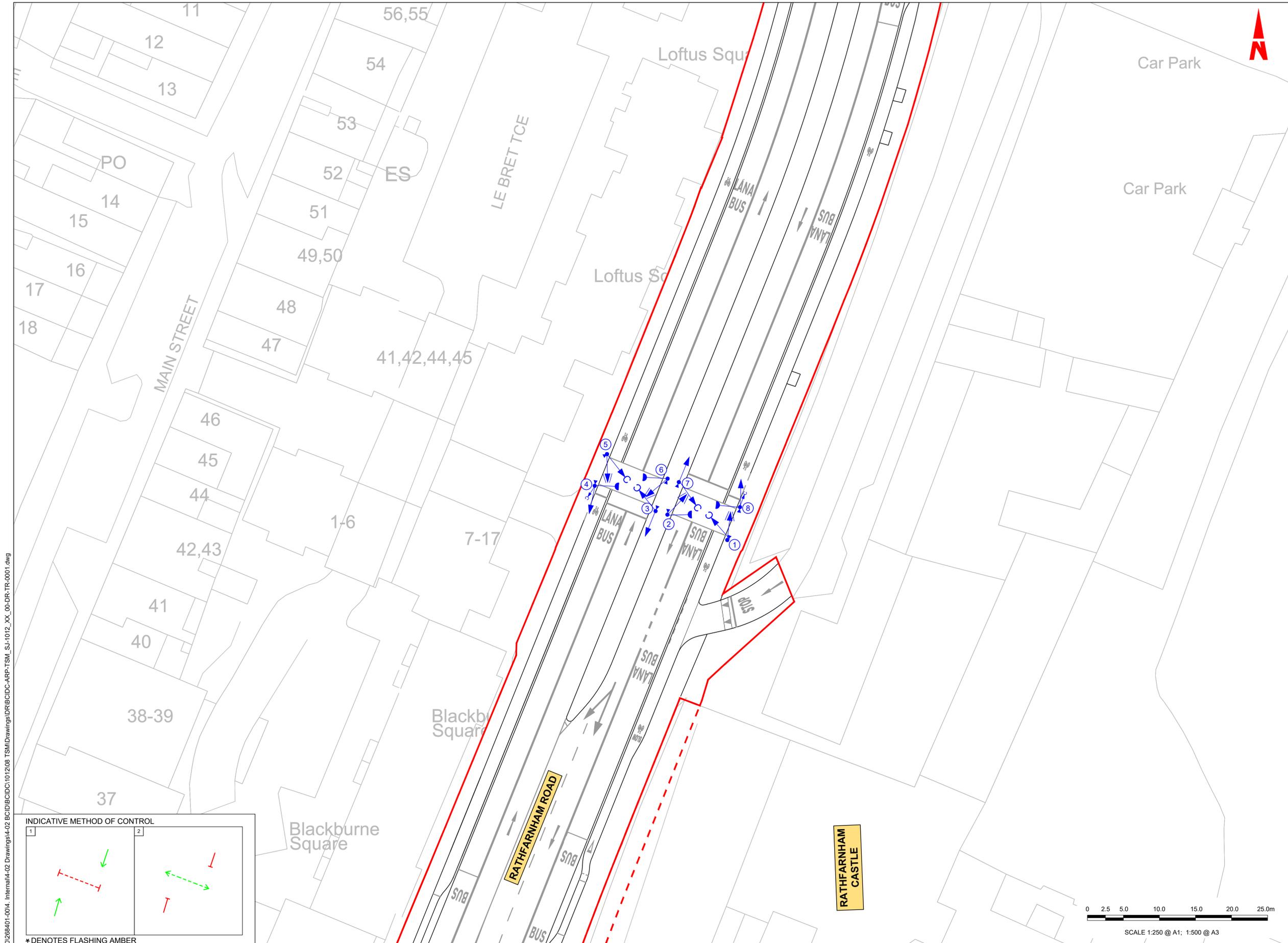
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M01	27/01/2023	GMcT	TM	DC	ISSUE FOR PHASE 4: PLANNING

Client

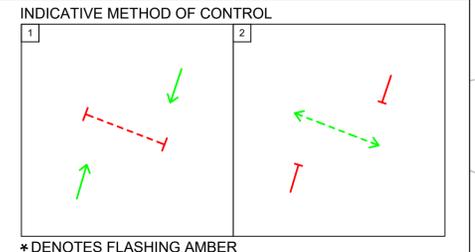
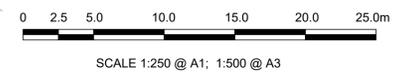
Engineering Designer

Programme Title		BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS		
Drawing Title		TEMPLEOGUE / RATHFARNHAM TO CITY CENTRE CORE BUS CORRIDOR SCHEME JUNCTION SYSTEMS DESIGN RATHFARNHAM ROAD / BUTTERFIELD AVENUE JUNCTION		
Drawing File Name	Sheet Number	Status	Rev	
BCIDC-ARP-TSM_SJ-1012_XX_00-DR-TR-0003	03 of 47	A	M01	

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



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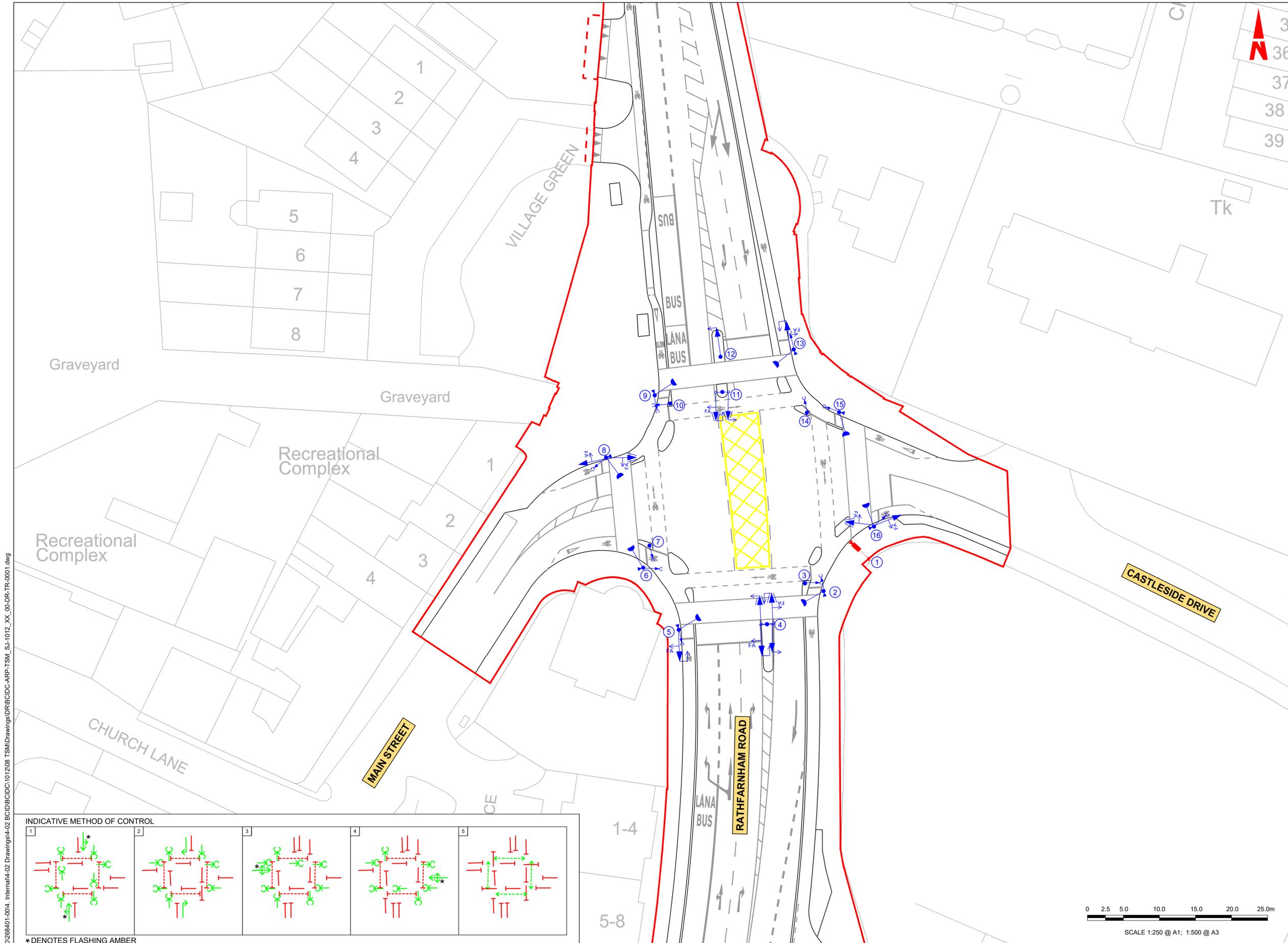
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M01	27/01/2023	GMcT	TM	DC	ISSUE FOR PHASE 4: PLANNING

Client

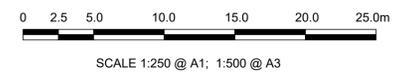
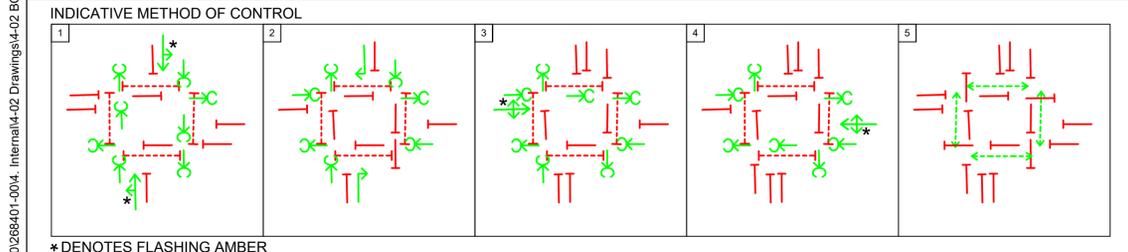
Engineering Designer

Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS	
Drawing Title TEMPLEOGUE / RATHFARNHAM TO CITY CENTRE CORE BUS CORRIDOR SCHEME JUNCTION SYSTEMS DESIGN RATHFARNHAM ROAD PEDESTRIAN CROSSING	
Drawing File Name	BCIDC-ARP-TSM_SJ-1012_XX_00-DR-TR-0004
Sheet Number	04 of 47
Status	A
Rev	M01

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



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M01	27/01/2023	GMcT	TM	DC	ISSUE FOR PHASE 4: PLANNING

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

Engineering Designer: **ARUP**

Date	27/01/2023	Scale	1:250 @ A1 1:500 @ A3	Drawn	GMcT	Checked	TM	Approved	DC
Project Code	BCIDC	Originator Code	ARP	QMS Code	268401-00				

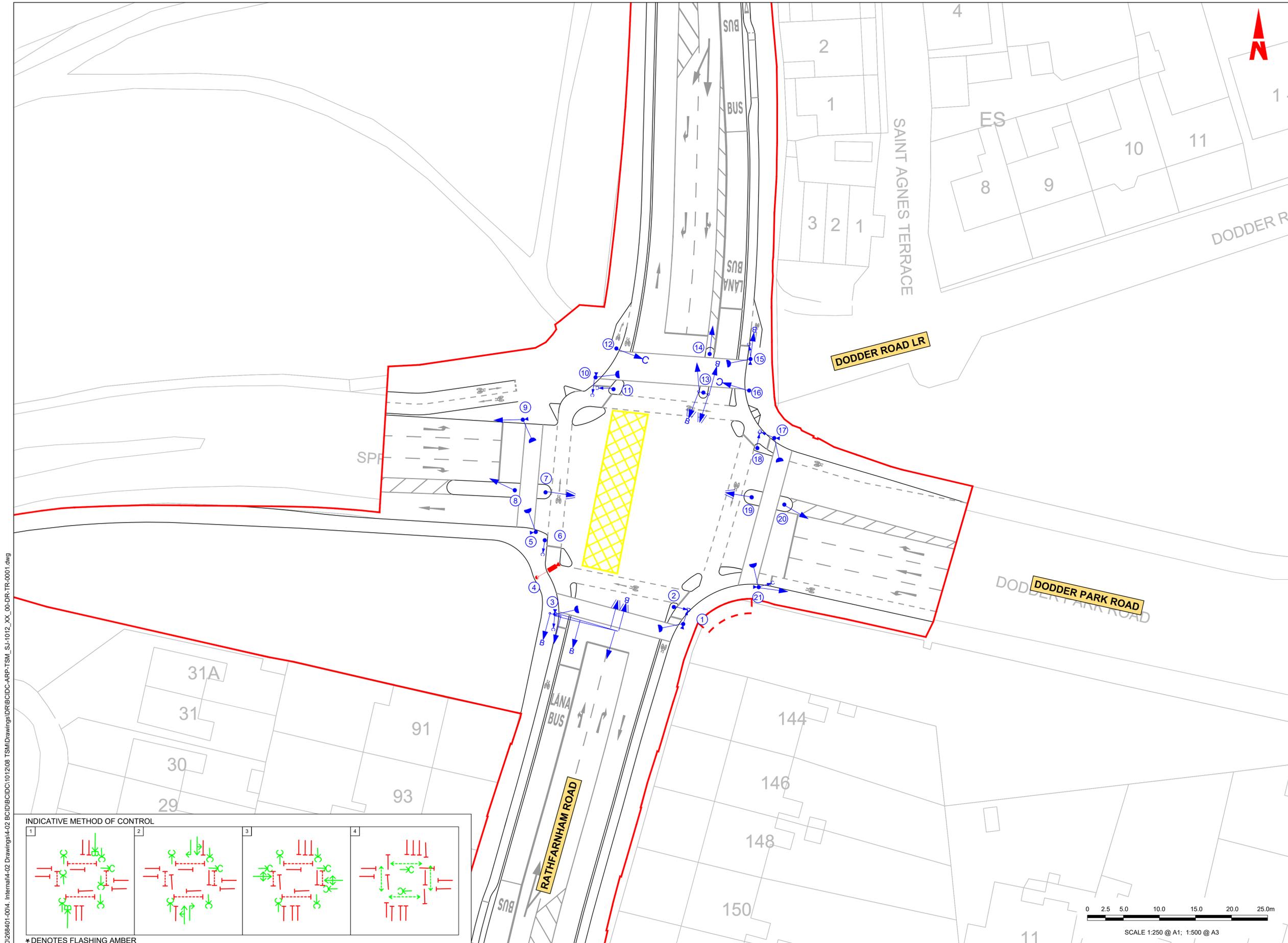
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CORE BUS CORRIDORS INFRASTRUCTURE WORKS**

Drawing Title: **TEMPLEOGUE / RATHFARNHAM TO CITY CENTRE CORE BUS CORRIDOR SCHEME
JUNCTION SYSTEMS DESIGN
RATHFARNHAM ROAD / CASTLESIDE DRIVE JUNCTION**

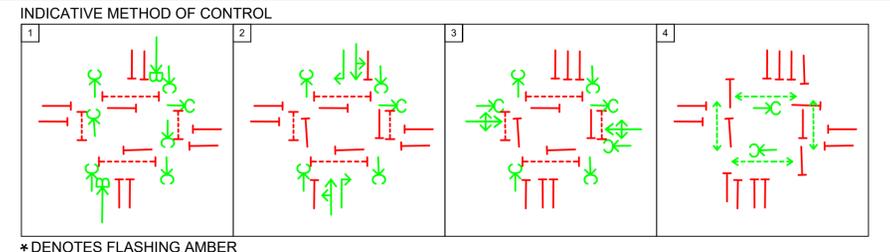
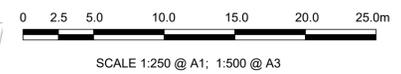
Drawing File Name	BCIDC-ARP-TSM_SJ-1012_XX_00-DR-TR-0005	Sheet Number	05 of 47	Status	A	Rev	M01
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- LEGEND:**
- TRAFFIC SIGNAL HEADS:**
- RTS 001 PRIMARY
 - RTS 001 SECONDARY
 - RTS 002 (D) PRIMARY
 - RTS 002 (D) SECONDARY
 - RTS 007 (HIGH LEVEL) PRIMARY
 - RTS 007 (LOW LEVEL) PRIMARY
 - RPC 004 PEDESTRIAN HEAD
- TRAFFIC SIGNAL EQUIPMENT:**
- PAN / TILT / ZOOM CCTV CAMERA
 - MAST ARM (VARIABLE LENGTH)
 - TALL POLE (CCTV/TRAFFIC SIGNALS)
 - PUSH BUTTON UNIT
 - POLE (STANDARD HEIGHT)
- GENERAL:**
- SITE BOUNDARY LINE
 - TEMPORARY LAND ACQUISITION



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Rev	Date	Drn	Chk'd	App'd	Description
M01	27/01/2023	GMcT	TM	DC	ISSUE FOR PHASE 4: PLANNING

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

Engineering Designer: **ARUP**

Date: 27/01/2023 | Scale: 1:250 @ A1, 1:500 @ A3 | Drawn: GMcT | Checked: TM | Approved: DC

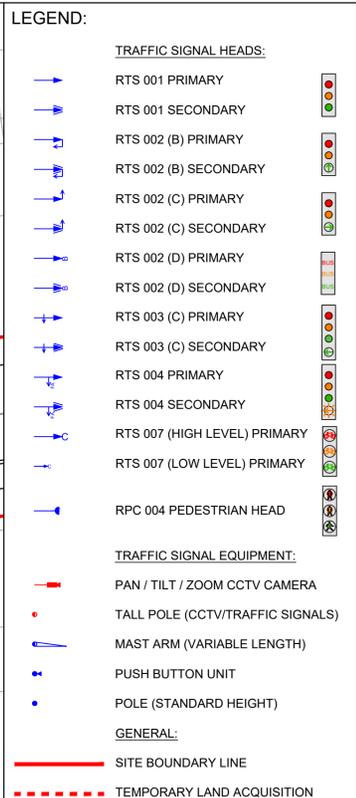
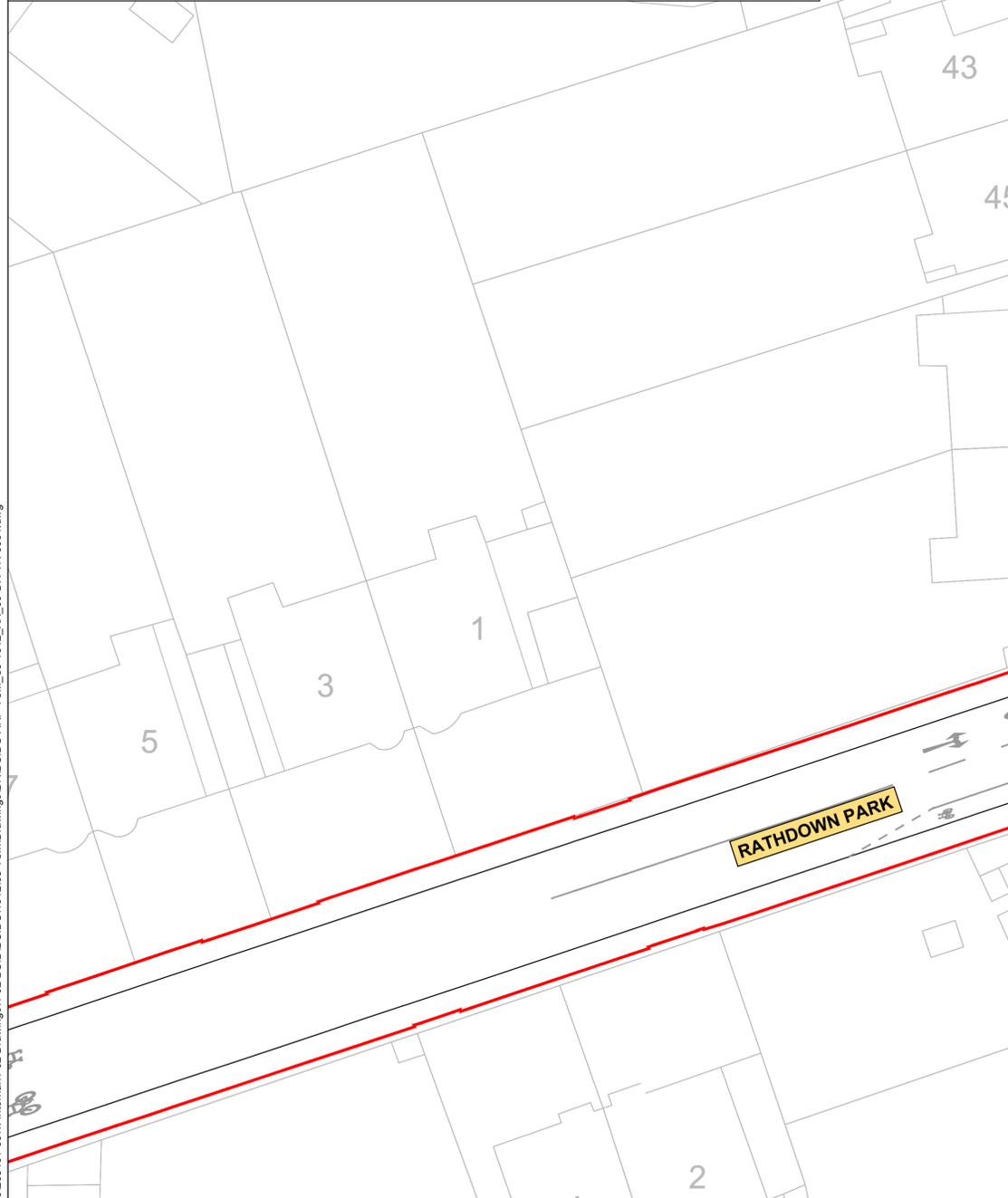
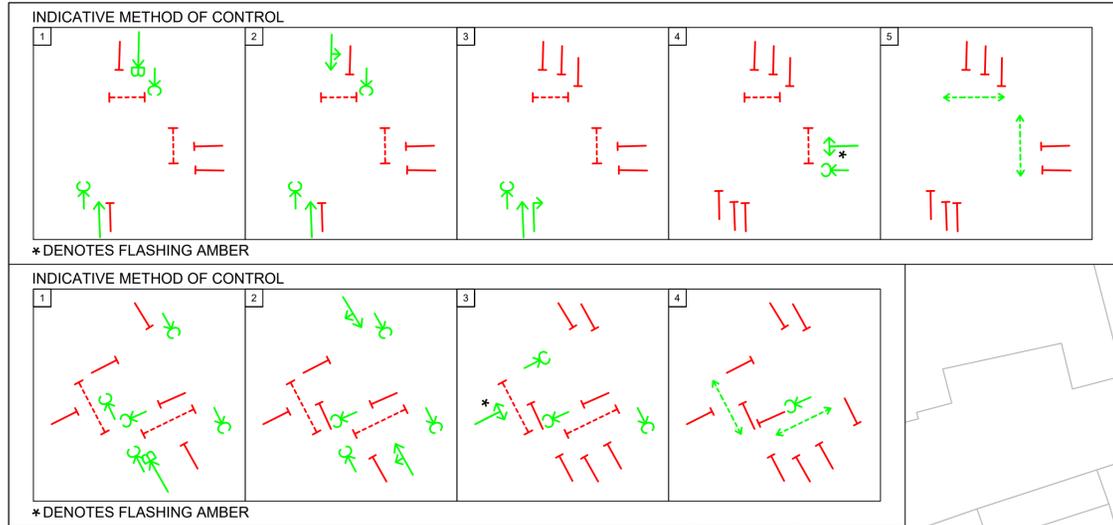
Project Code: BCIDC | Originator Code: ARP | QMS Code: 268401-00

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

Drawing Title: TEMPLEOGUE / RATHFARNHAM TO CITY CENTRE CORE BUS CORRIDOR SCHEME JUNCTION SYSTEMS DESIGN RATHFARNHAM ROAD / DODDER VIEW ROAD JUNCTION

Drawing File Name: BCIDC-ARP-TSM_SJ-1012_XX_00-DR-TR-0006	Sheet Number: 06 of 47	Status: A	Rev: M01
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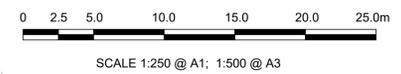
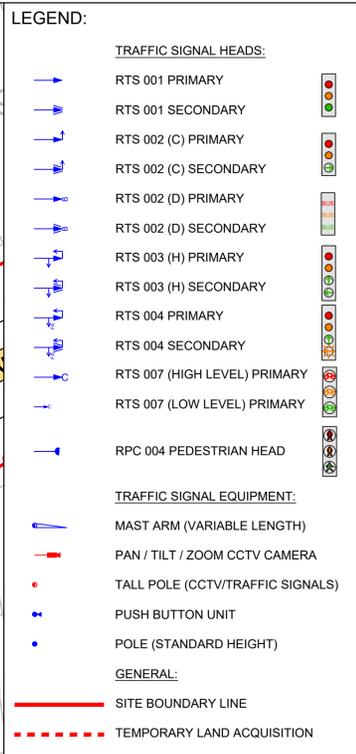
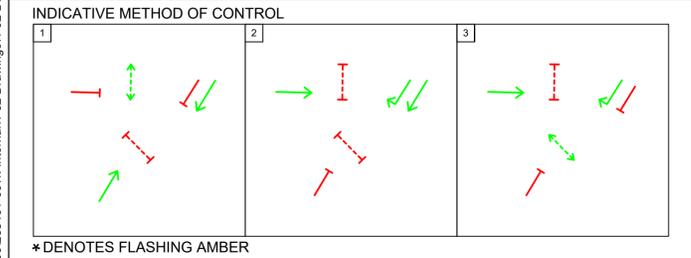
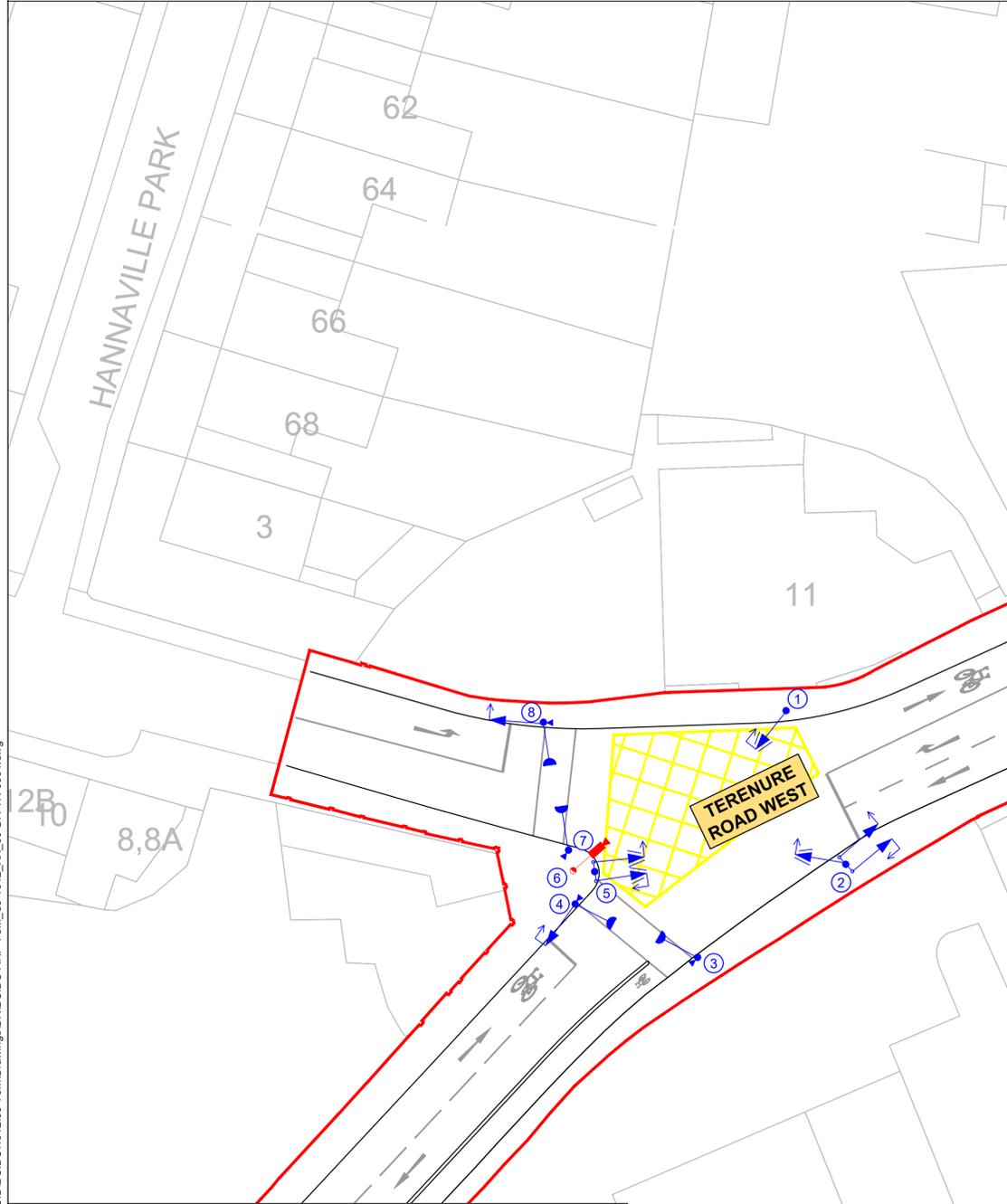
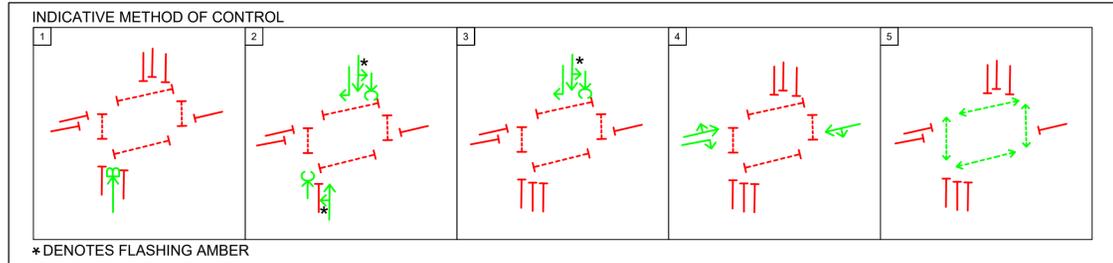
Rev	Date	Drn	Chk'd	App'd	Description
M01	27/01/2023	GMcT	TM	DC	ISSUE FOR PHASE 4: PLANNING

Client

Engineering Designer

Programme Title		BUSCONNECTS DUBLIN		
		CORE BUS CORRIDORS INFRASTRUCTURE WORKS		
Drawing Title				
TEMPLEOGUE / RATHFARNHAM TO CITY CENTRE CORE BUS CORRIDOR SCHEME				
JUNCTION SYSTEMS DESIGN				
RATHFARNHAM ROAD / RATHDOWN PARK & RATHFARNHAM ROAD / BUSHY PARK ROAD JUNCTION				
Drawing File Name	Sheet Number	Status	Rev	
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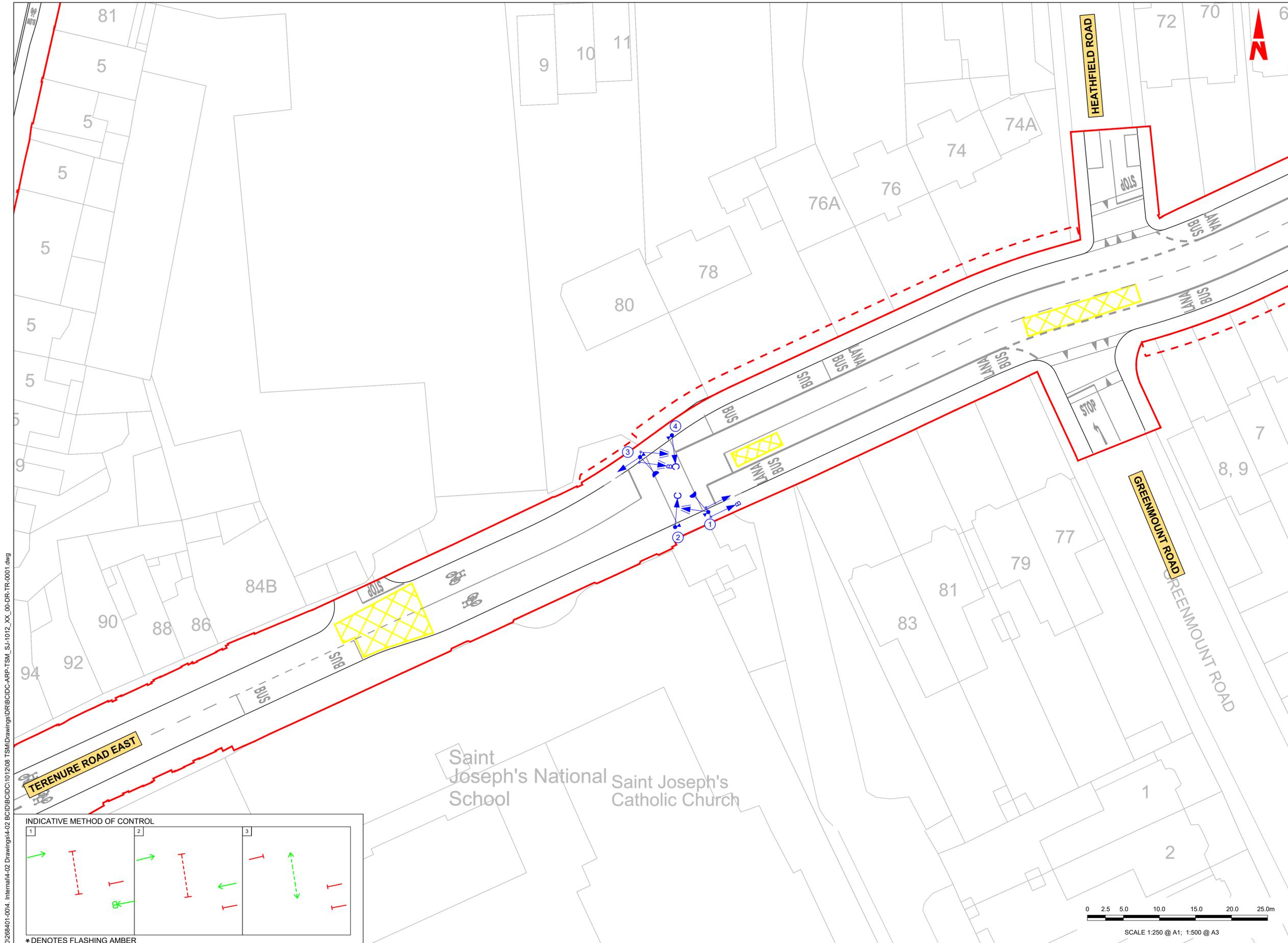
Client

Engineering Designer

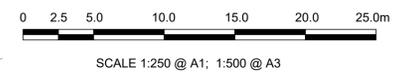
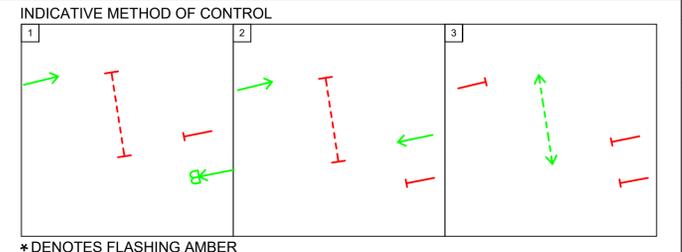
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Drawing Title		TEMPLEOGUE / RATHFARNHAM TO CITY CENTRE CORE BUS CORRIDOR SCHEME JUNCTION SYSTEMS DESIGN RATHFARNHAM ROAD / TERENURE ROAD EAST JUNCTION		
Drawing File Name	Sheet Number	Status	Rev	
BCIDC-ARP-TSM_SJ-1012_XX_00-DR-TR-0008	08 of 47	A	M01	

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



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Rev	Date	Drn	Chk'd	App'd	Description
M01	27/01/2023	GMcT	TM	DC	ISSUE FOR PHASE 4: PLANNING

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

Engineering Designer: **ARUP**

Date: 27/01/2023 | Scale: 1:250 @ A1, 1:500 @ A3 | Drawn: GMcT | Checked: TM | Approved: DC

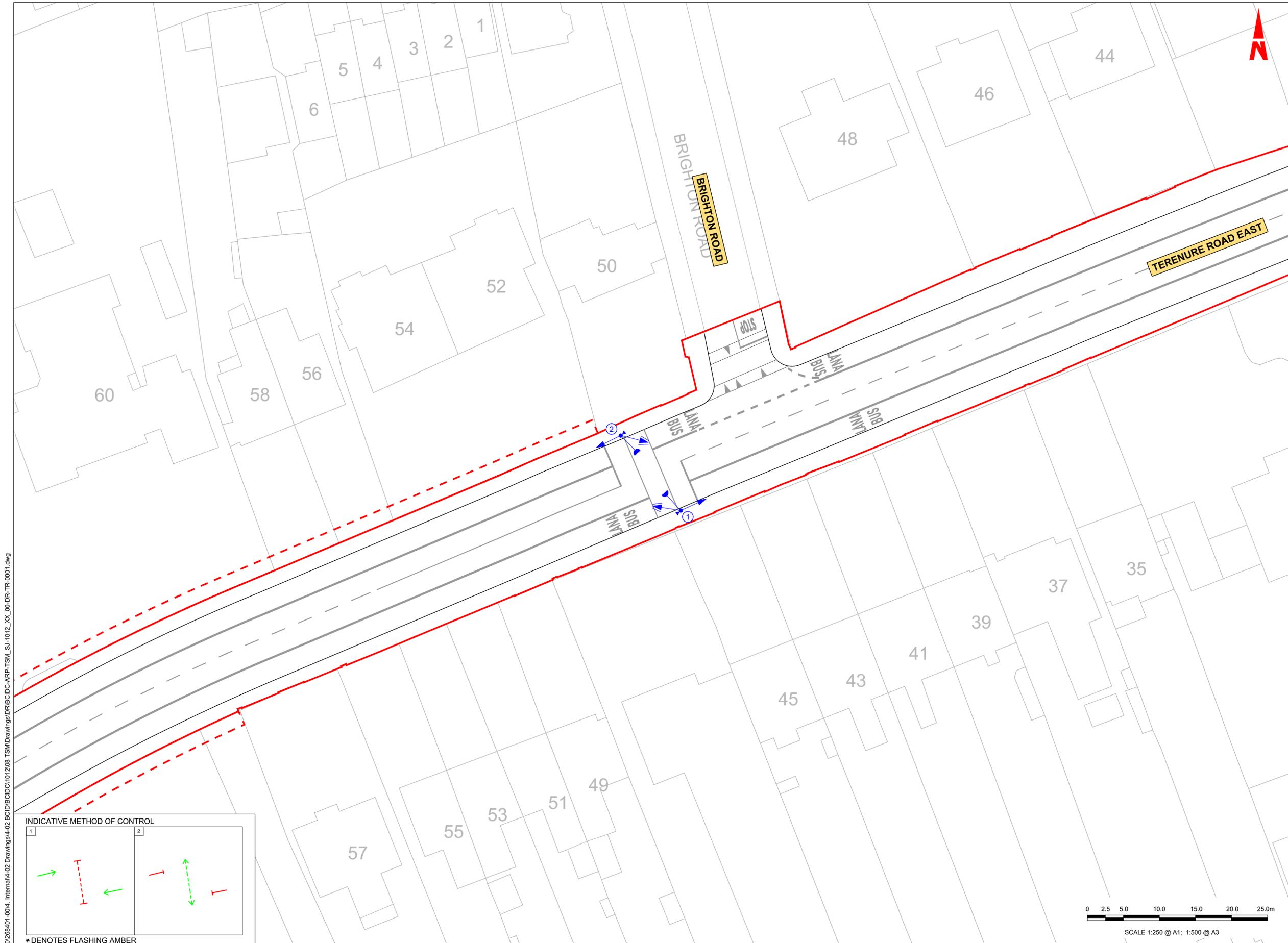
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Programme Title: **BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS**

Drawing Title: TEMPLEOGUE / RATHFARNHAM TO CITY CENTRE CORE BUS CORRIDOR SCHEME JUNCTION SYSTEMS DESIGN TERENURE ROAD EAST PEDESTRIAN CROSSING

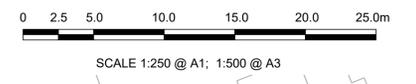
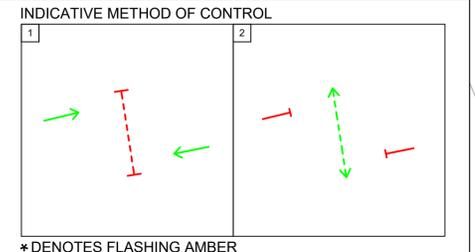
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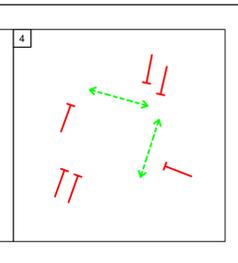
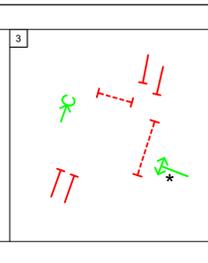
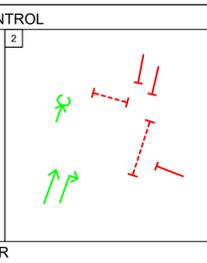
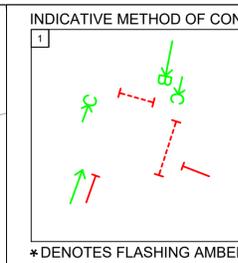
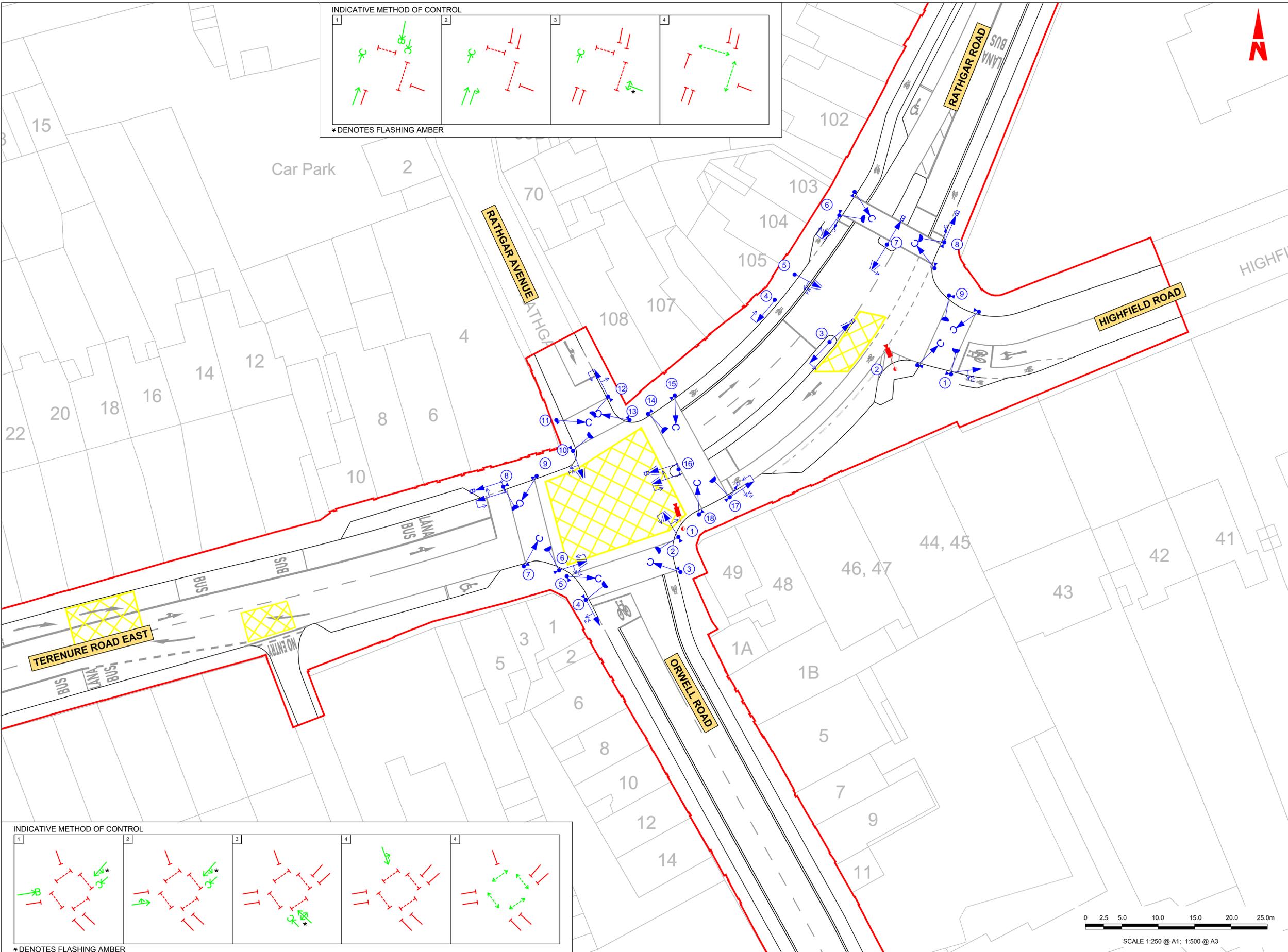
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- TRAFFIC SIGNAL HEADS:**
 - RTS 001 PRIMARY
 - RTS 001 SECONDARY
 - RPC 004 PEDESTRIAN HEAD
 - TRAFFIC SIGNAL EQUIPMENT:**
 - PUSH BUTTON UNIT
 - POLE (STANDARD HEIGHT)
 - GENERAL:**
 - SITE BOUNDARY LINE
 - TEMPORARY LAND ACQUISITION

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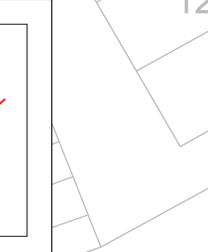
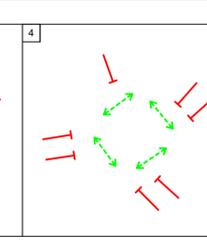
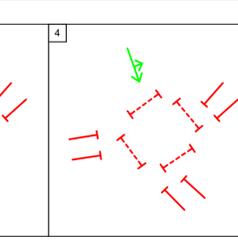
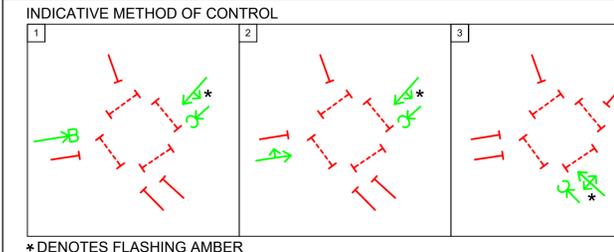


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Rev	Date	Drn	Chk'd	App'd	Description														
M01	27/01/2023	GMcT	TM	DC	ISSUE FOR PHASE 4: PLANNING														
<p>Date: 27/01/2023 Scale: 1:250 @ A1, 1:500 @ A3 Drawn: GMcT Checked: TM Approved: DC</p>						<p>Drawing Title</p> <p>TEMPLEOGUE / RATHFARNHAM TO CITY CENTRE CORE BUS CORRIDOR SCHEME JUNCTION SYSTEMS DESIGN TERENURE ROAD EAST PEDESTRIAN CROSSING</p>													
<p>Project Code: BCIDC Originator Code: ARP QMS Code: 268401-00</p>						<p>Drawing File Name: BCIDC-ARP-TSM_SJ-1012_XX_00-DR-TR-0010 Sheet Number: 10 of 47 Status: A Rev: M01</p>													

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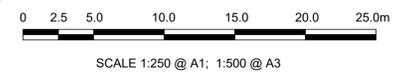


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* DENOTES FLASHING AMBER

- 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 003 (H) PRIMARY
 - RTS 003 (H) SECONDARY
 - RTS 004 PRIMARY
 - RTS 004 SECONDARY
 - RTS 007 (HIGH LEVEL) PRIMARY
 - RTS 007 (LOW LEVEL) PRIMARY
 - RPC 004 PEDESTRIAN HEAD
- TRAFFIC SIGNAL EQUIPMENT:**
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 - TALL POLE (CCTV/TRAFFIC SIGNALS)
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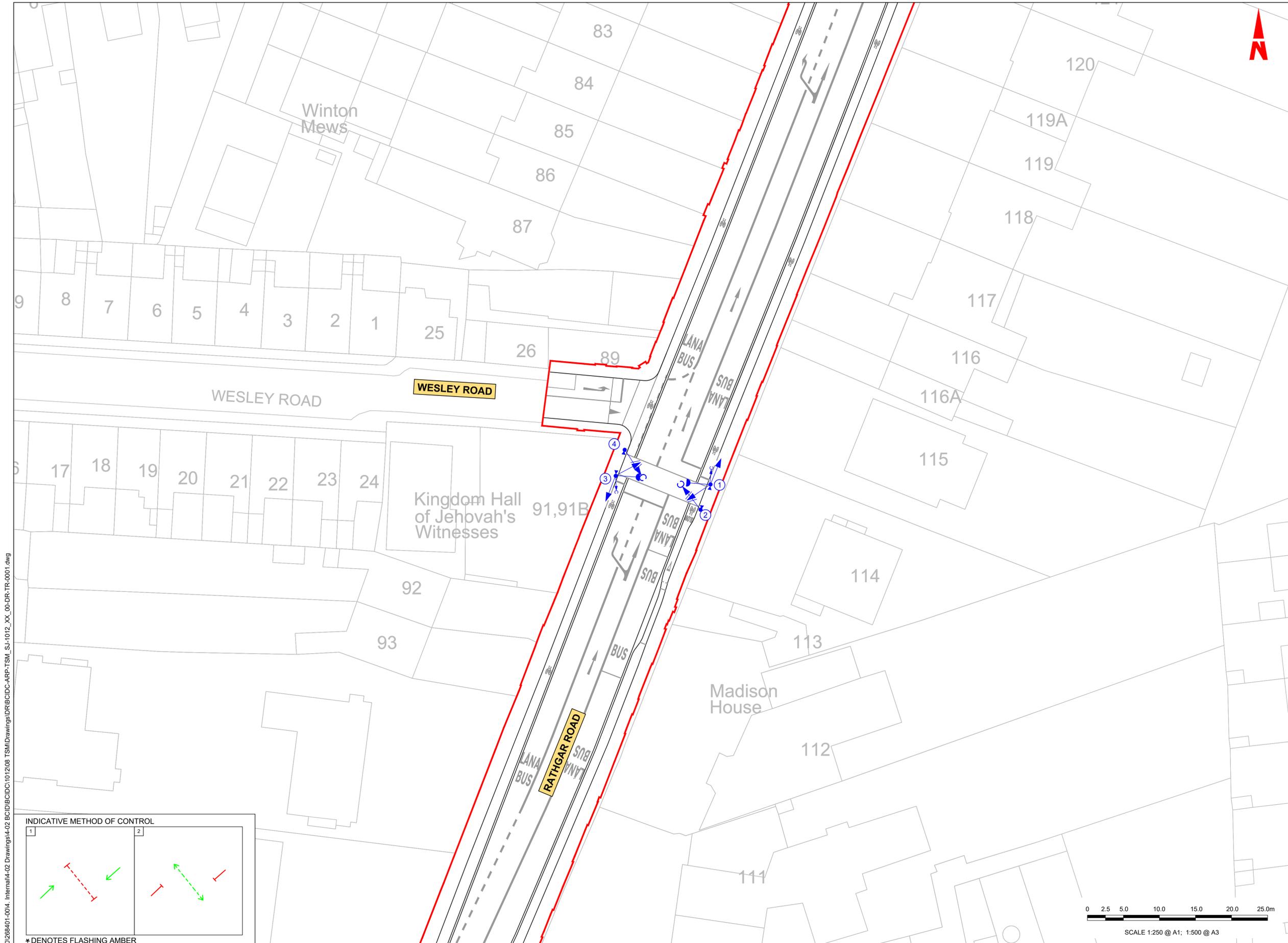
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Engineering Designer

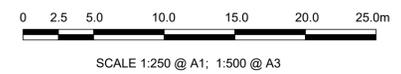
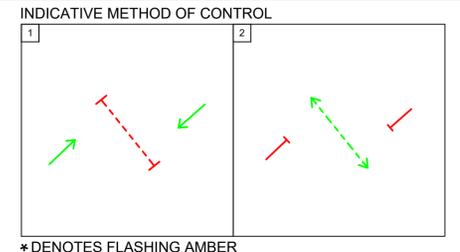
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		CORE BUS CORRIDORS INFRASTRUCTURE WORKS		
Drawing Title				
TEMPLEOGUE / RATHFARNHAM TO CITY CENTRE CORE BUS CORRIDOR SCHEME				
JUNCTION SYSTEMS DESIGN				
TERENURE ROAD EAST / ORWELL ROAD JUNCTION				
Drawing File Name	Sheet Number	Status	Rev	
BCIDC-ARP-TSM_SJ-1012_XX_00-DR-TR-0011	11 of 47	A	M01	

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



\\global\europa\dublin\jobs\268401-0014_Intemat4-02 Drawings\4-02 BCID\BCID\1012\08 TSM\Drawings\DR\BCID\ARP-TSM_SJ-1012_XX_00-DR-TR-0001.dwg

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Rev	Date	Drn	Chk'd	App'd	Description
M01	27/01/2023	GMcT	TM	DC	ISSUE FOR PHASE 4: PLANNING

Client

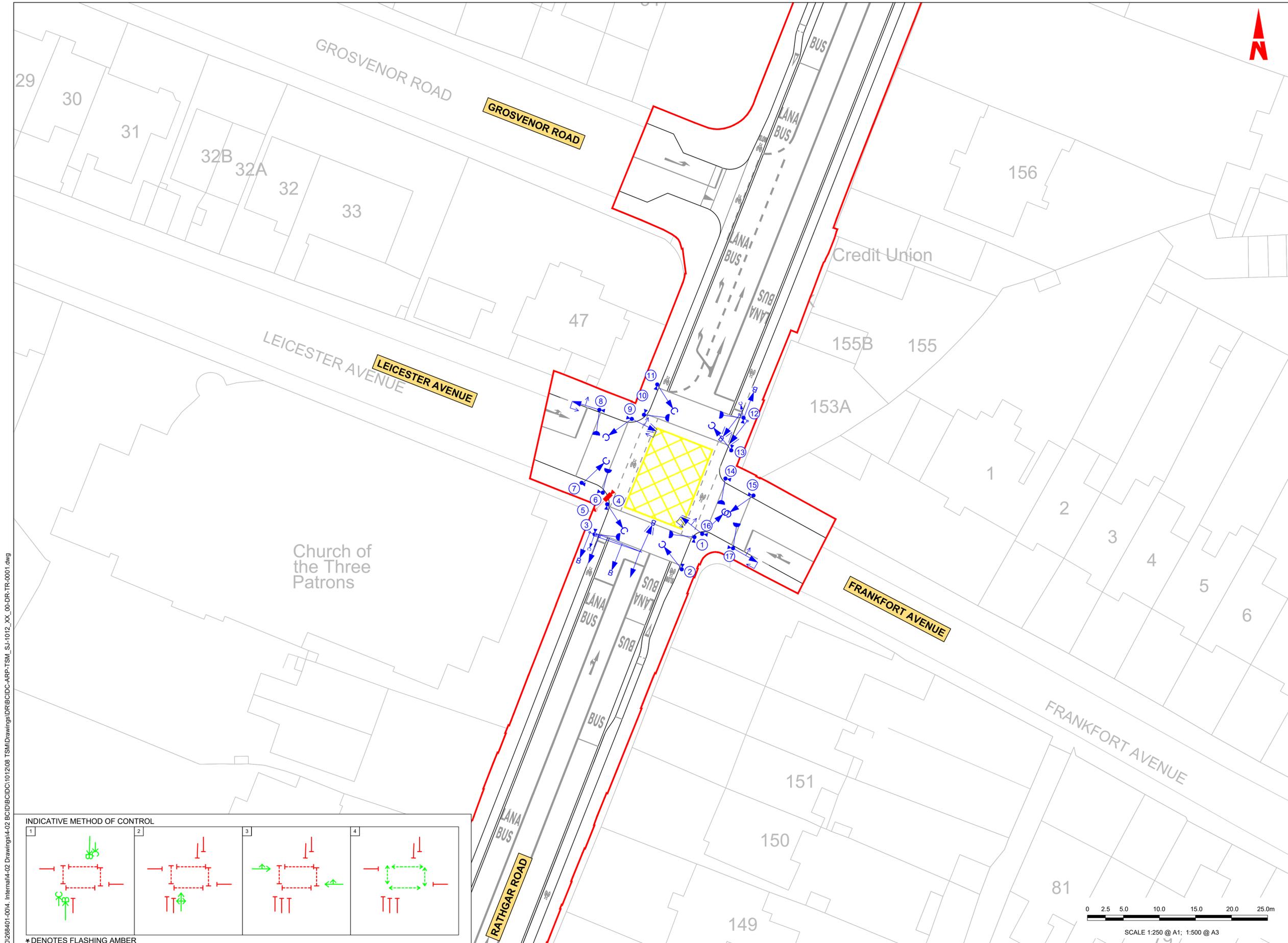
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Engineering Designer

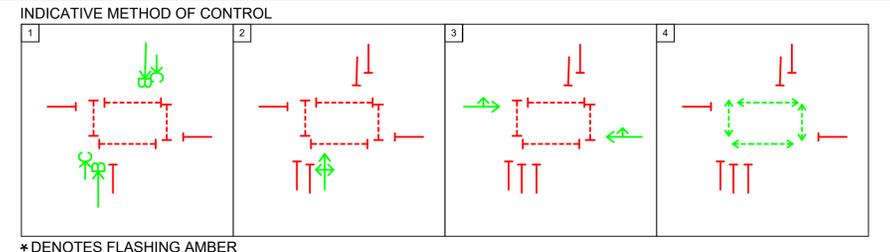
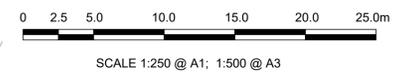
 Drawn: GMcT
 Checked: TM
 Approved: DC

Programme Title
BUSCONNECTS DUBLIN
CORE BUS CORRIDORS INFRASTRUCTURE WORKS
 Drawing Title
 TEMPLEOGUE / RATHFARNHAM TO CITY CENTRE CORE BUS CORRIDOR SCHEME
 JUNCTION SYSTEMS DESIGN
 RATHGAR ROAD / WINTON AVENUE JUNCTION
 Drawing File Name: BCIDC-ARP-TSM_SJ-1012_XX_00-DR-TR-0012
 Sheet Number: 12 of 47
 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 003 (H) PRIMARY
 - RTS 003 (H) SECONDARY
 - RTS 007 (HIGH LEVEL) PRIMARY
 - RTS 007 (LOW LEVEL) PRIMARY
 - RPC 004 PEDESTRIAN HEAD
- TRAFFIC SIGNAL EQUIPMENT:**
- MAST ARM (VARIABLE LENGTH)
 - PAN / TILT / ZOOM CCTV CAMERA
 - TALL POLE (CCTV/TRAFFIC SIGNALS)
 - POLE (STANDARD HEIGHT)
 - PUSH BUTTON UNIT
- GENERAL:**
- SITE BOUNDARY LINE
 - TEMPORARY LAND ACQUISITION



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Rev	Date	Drn	Chk'd	App'd	Description
M01	27/01/2023	GMcT	TM	DC	ISSUE FOR PHASE 4: PLANNING

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

Engineering Designer: **ARUP**

Date: 27/01/2023 | Scale: 1:250 @ A1, 1:500 @ A3 | Drawn: GMcT | Checked: TM | Approved: DC

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

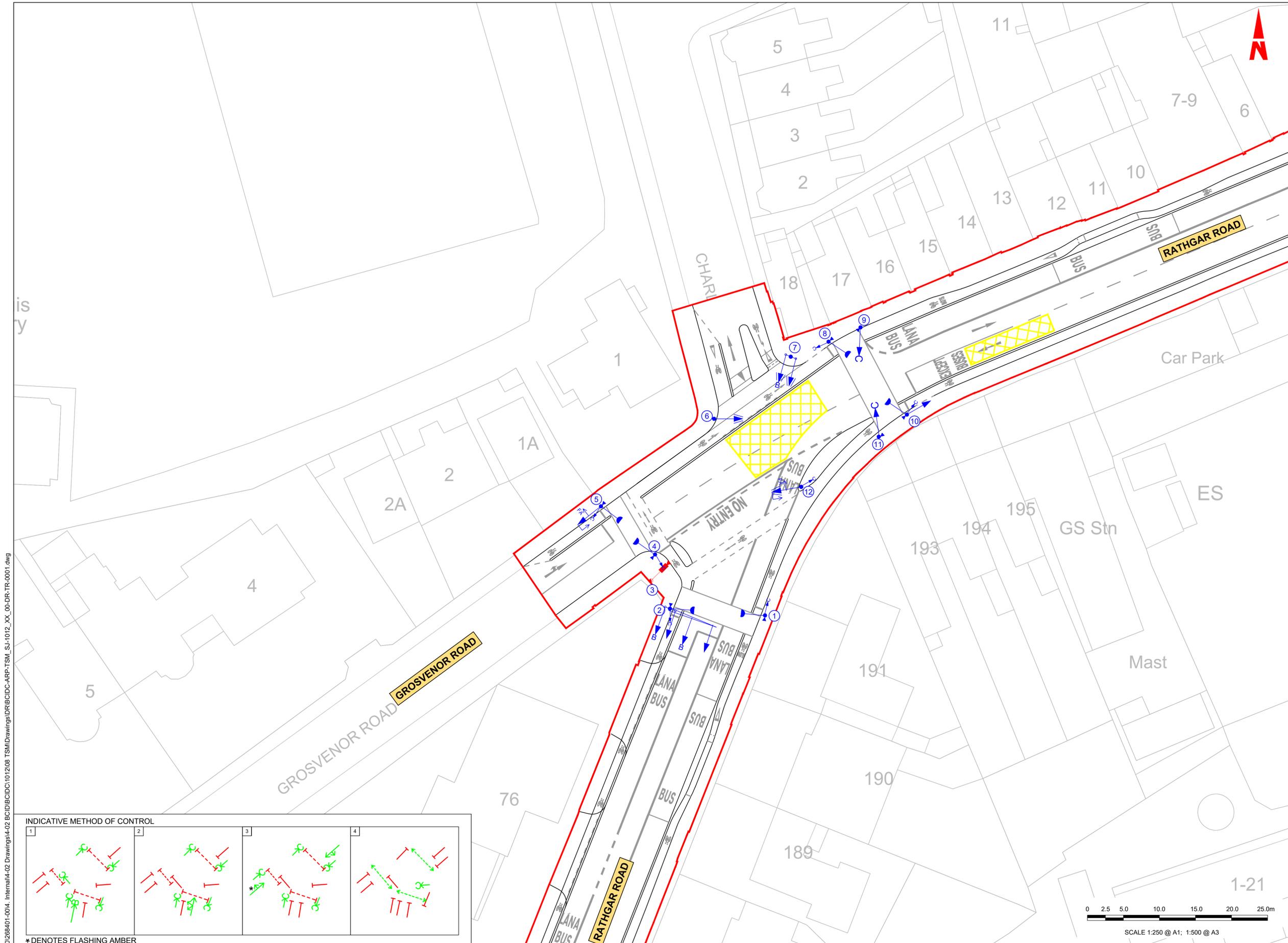
Programme Title: **BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS**

Drawing Title: TEMPLEOGUE / RATHFARNHAM TO CITY CENTRE CORE BUS CORRIDOR SCHEME JUNCTION SYSTEMS DESIGN RATHGAR ROAD / LEICESTER AVENUE JUNCTION

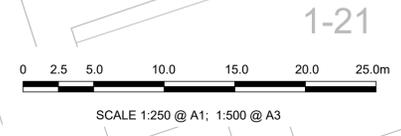
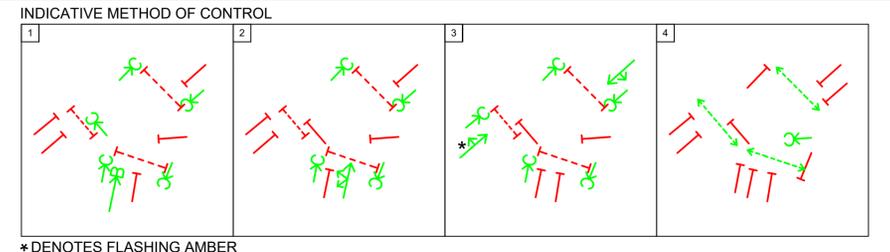
Drawing File Name: BCIDC-ARP-TSM_SJ-1012_XX_00-DR-TR-0013	Sheet Number: 13 of 47	Status: A	Rev: M01
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- LEGEND:**
- TRAFFIC SIGNAL HEADS:**
- RTS 001 PRIMARY
 - RTS 001 SECONDARY
 - RTS 002 (D) PRIMARY
 - RTS 002 (D) SECONDARY
 - RTS 004 PRIMARY
 - RTS 004 SECONDARY
 - RTS 007 (HIGH LEVEL) PRIMARY
 - RTS 007 (LOW LEVEL) PRIMARY
 - RPC 004 PEDESTRIAN HEAD
- TRAFFIC SIGNAL EQUIPMENT:**
- PAN / TILT / ZOOM CCTV CAMERA
 - MAST ARM (VARIABLE LENGTH)
 - TALL POLE (CCTV/TRAFFIC SIGNALS)
 - PUSH BUTTON UNIT
 - POLE (STANDARD HEIGHT)
- GENERAL:**
- SITE BOUNDARY LINE
 - TEMPORARY LAND ACQUISITION



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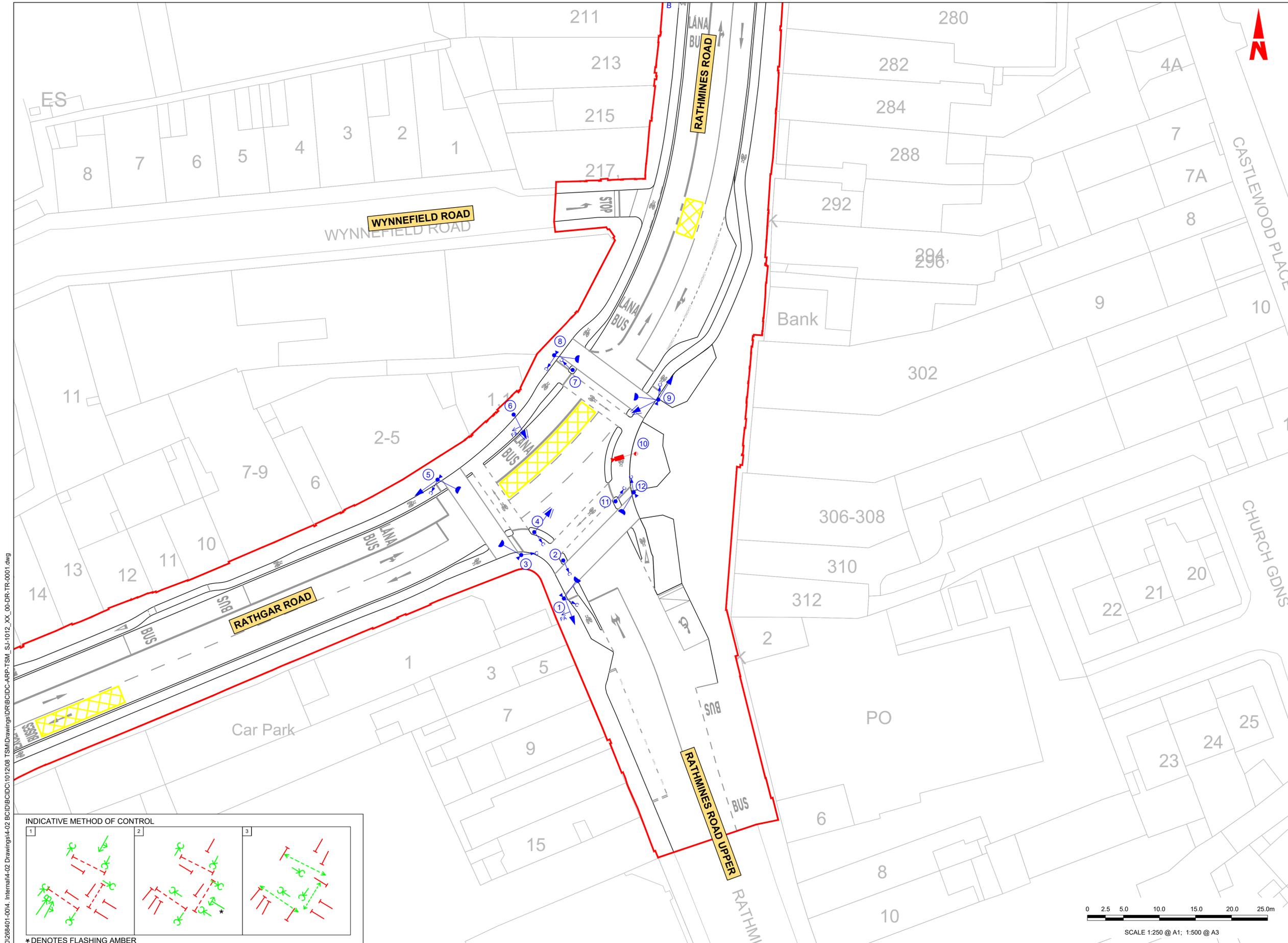
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M01	27/01/2023	GMcT	TM	DC	ISSUE FOR PHASE 4: PLANNING

Client

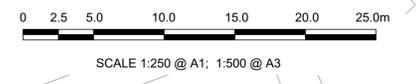
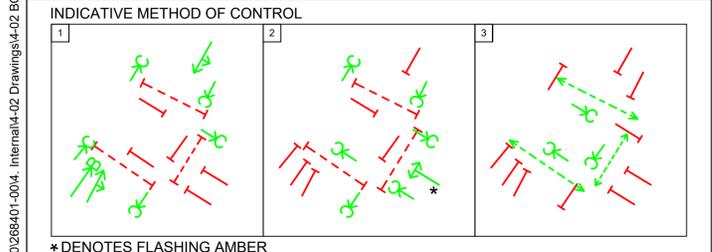
Engineering Designer

Programme Title		BUSCONNECTS DUBLIN	
		CORE BUS CORRIDORS INFRASTRUCTURE WORKS	
Drawing Title			
TEMPLEOGUE / RATHFARNHAM TO CITY CENTRE CORE BUS CORRIDOR SCHEME			
JUNCTION SYSTEMS DESIGN			
RATHGAR ROAD / GROSVENOR ROAD JUNCTION			
Drawing File Name	Sheet Number	Status	Rev
BCIDC-ARP-TSM_SJ-1012_XX_00-DR-TR-0014	14 of 47	A	M01

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



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Rev	Date	Drn	Chk'd	App'd	Description
M01	27/01/2023	GMcT	TM	DC	ISSUE FOR PHASE 4: PLANNING

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

Engineering Designer: **ARUP**

Date: 27/01/2023 | Scale: 1:250 @ A1, 1:500 @ A3 | Drawn: GMcT | Checked: TM | Approved: DC

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

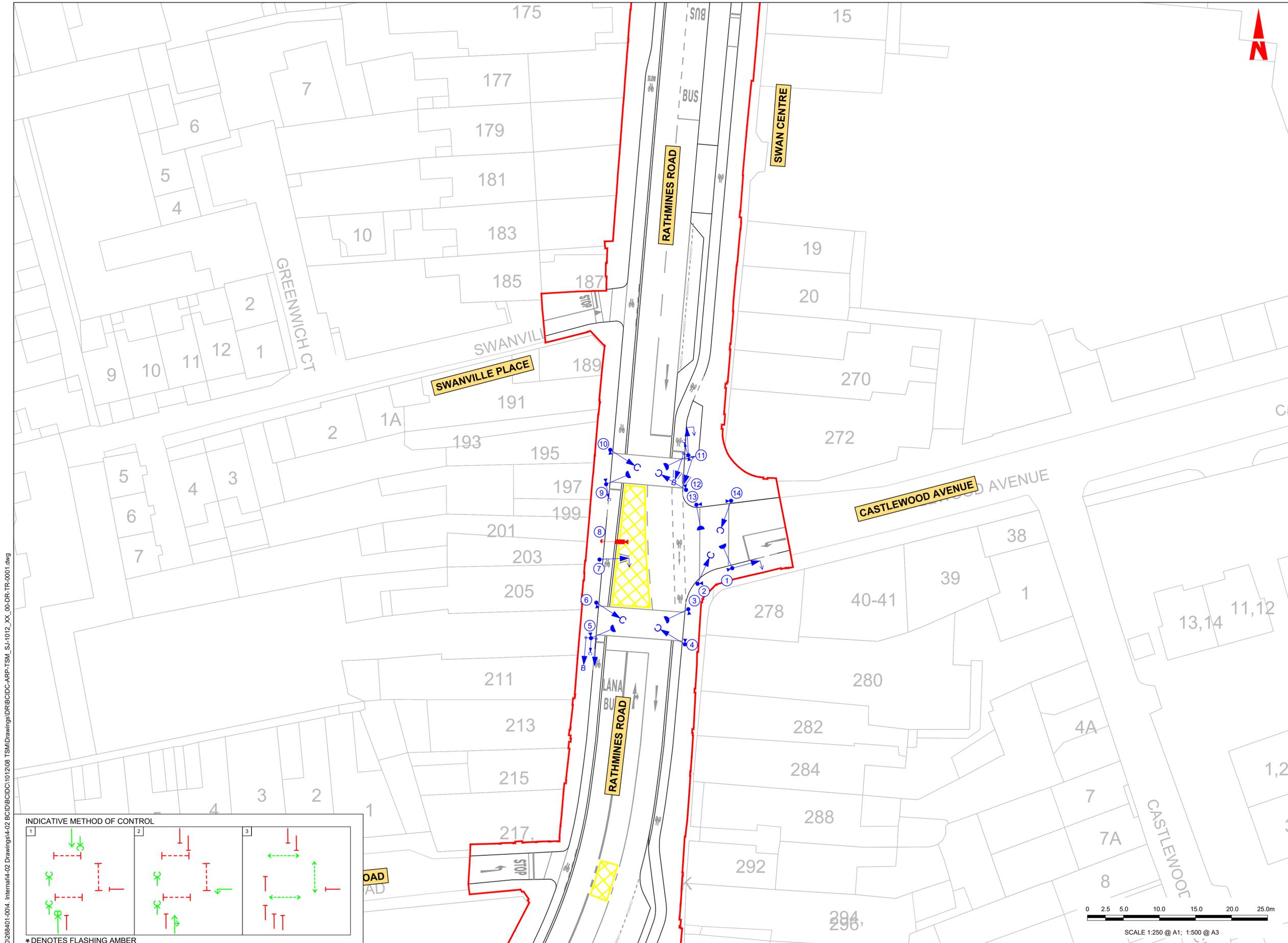
Programme Title: **BUSCONNECTS DUBLIN**
CORE BUS CORRIDORS INFRASTRUCTURE WORKS

Drawing Title: TEMPLEOGUE / RATHFARNHAM TO CITY CENTRE CORE BUS CORRIDOR SCHEME
JUNCTION SYSTEMS DESIGN
RATHGAR ROAD / RATHMINES ROAD UPPER JUNCTION

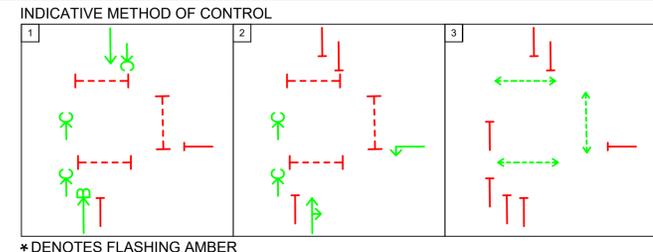
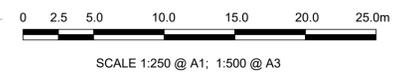
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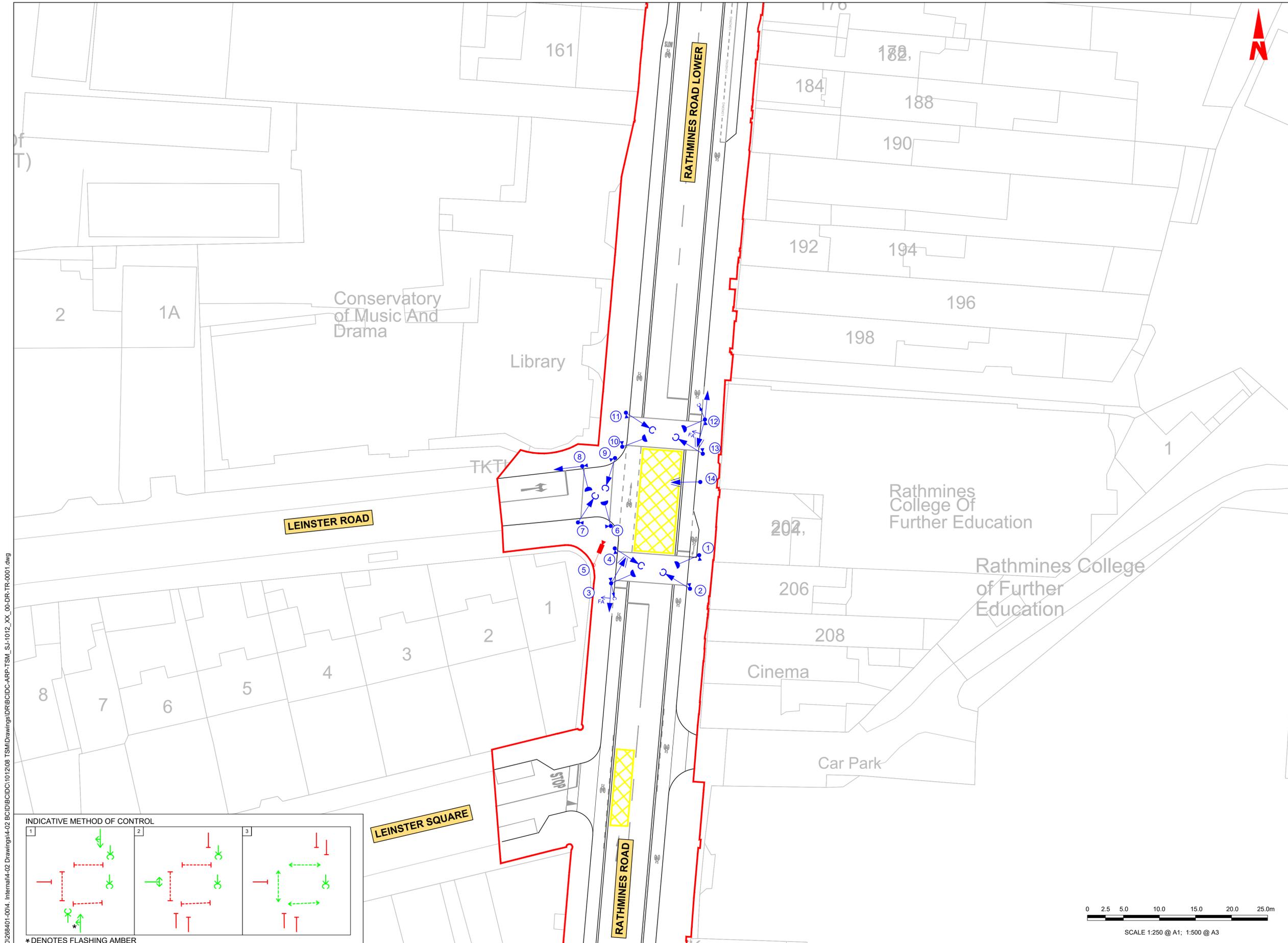
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 - RTS 002 (D) PRIMARY
 - RTS 002 (D) SECONDARY
 - RTS 007 (HIGH LEVEL) PRIMARY
 - RTS 007 (LOW LEVEL) PRIMARY
 - RPC 004 PEDESTRIAN HEAD
- TRAFFIC SIGNAL EQUIPMENT:**
- PAN / TILT / ZOOM CCTV CAMERA
 - TALL POLE (CCTV/TRAFFIC SIGNALS)
 - PUSH BUTTON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



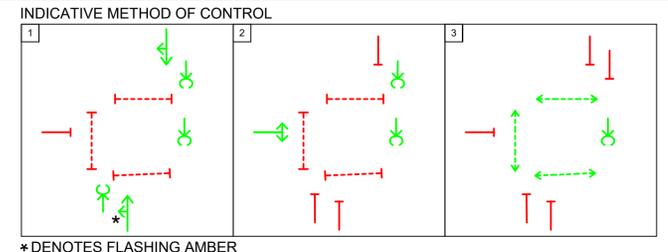
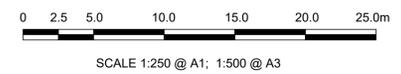
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<p>Date 27/01/2023 Scale 1:250 @ A1 1:500 @ A3 Drawn GMcT Checked TM Approved DC</p>		<p>Project Code BCIDC Originator Code ARP QMS Code 268401-00</p>			<p>Drawing File Name BCIDC-ARP-TSM_SJ-1012_XX_00-DR-TR-0016 Sheet Number 16 of 47 Status A Rev M01</p>						

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- LEGEND:**
- TRAFFIC SIGNAL HEADS:**
- RTS 001 PRIMARY
 - RTS 001 SECONDARY
 - RTS 004 PRIMARY
 - RTS 004 SECONDARY
 - RTS 007 (HIGH LEVEL) PRIMARY
 - RTS 007 (LOW LEVEL) PRIMARY
 - RPC 004 PEDESTRIAN HEAD
- TRAFFIC SIGNAL EQUIPMENT:**
- PAN / TILT / ZOOM CCTV CAMERA
 - TALL POLE (CCTV/TRAFFIC SIGNALS)
 - PUSH BUTTON UNIT
 - POLE (STANDARD HEIGHT)
- 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	27/01/2023	GMcT	TM	DC	ISSUE FOR PHASE 4: PLANNING

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

Engineering Designer: **ARUP**

Date: 27/01/2023 | Scale: 1:250 @ A1, 1:500 @ A3 | Drawn: GMcT | Checked: TM | Approved: DC

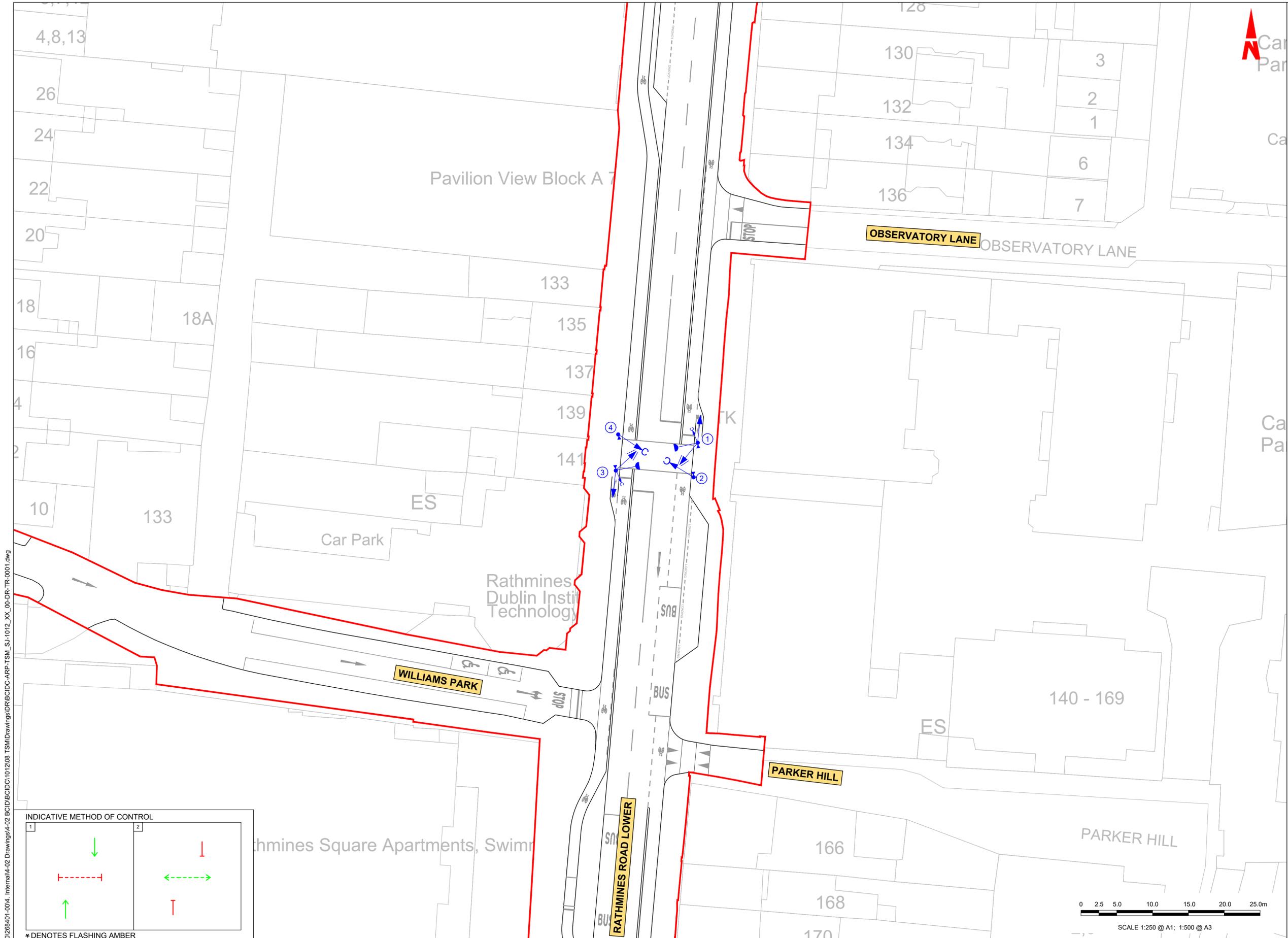
Project Code: BCIDC | Originator Code: ARP | QMS Code: 268401-00

Drawing Title		Sheet Number	Status	Rev
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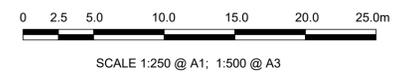
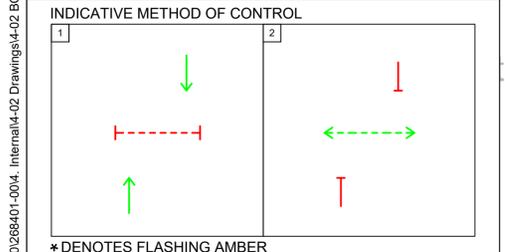
BUSCONNECTS DUBLIN
CORE BUS CORRIDORS INFRASTRUCTURE WORKS

Drawing File Name: BCIDC-ARP-TSM_SJ-1012_XX_00-DR-TR-0017

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



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Rev	Date	Drn	Chk'd	App'd	Description
M01	27/01/2023	GmCt	TM	DC	ISSUE FOR PHASE 4: PLANNING

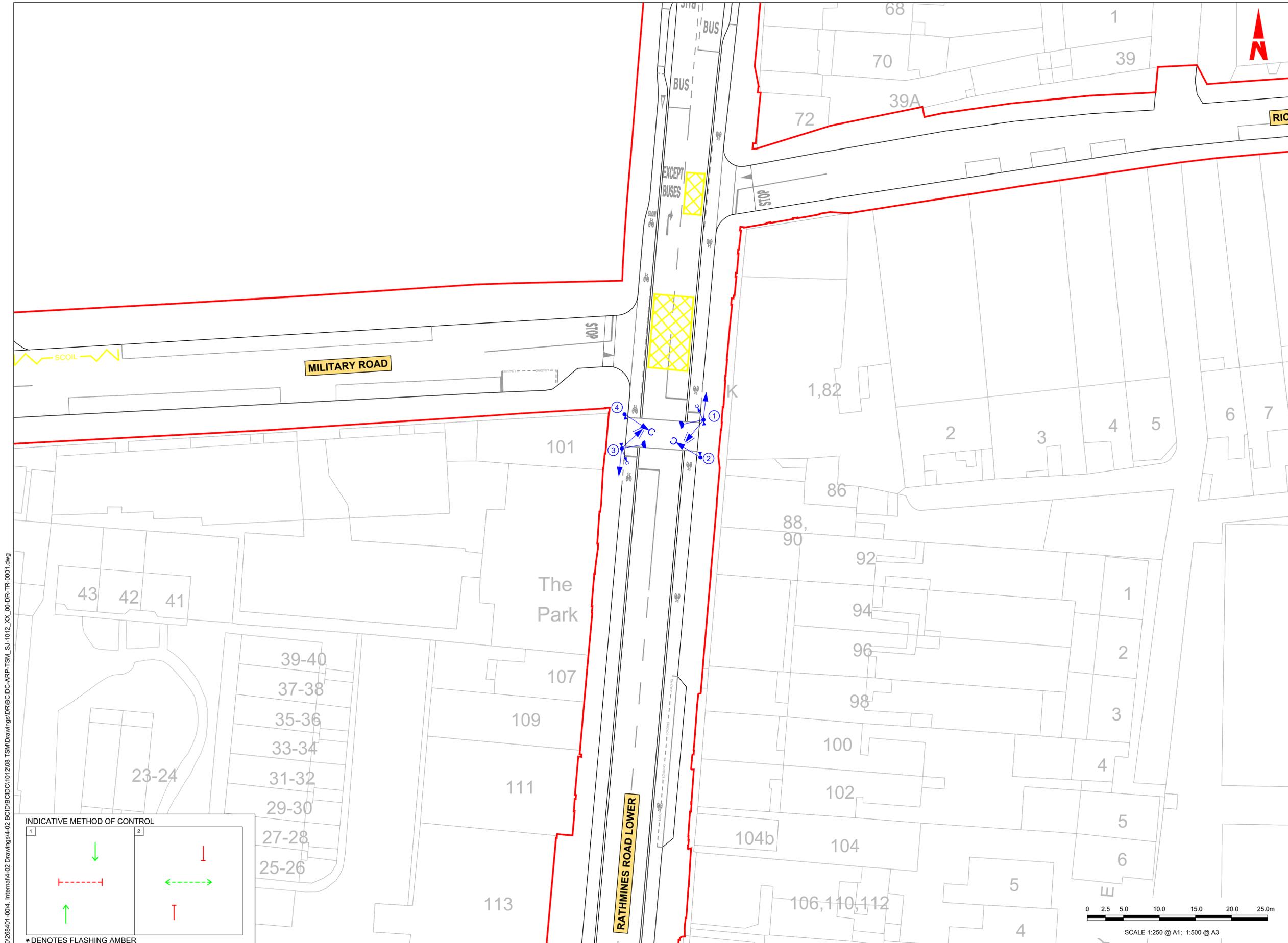
Client

Engineering Designer

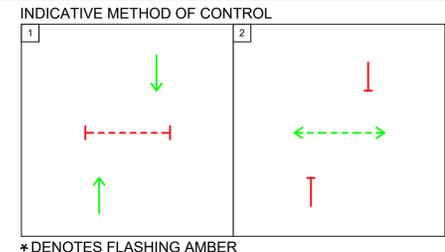
Programme Title		BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS		
Drawing Title		TEMPLEOGUE / RATHFARNHAM TO CITY CENTRE CORE BUS CORRIDOR SCHEME JUNCTION SYSTEMS DESIGN RATHMINES ROAD LOWER PEDESTRIAN CROSSING		
Drawing File Name	Sheet Number	Status	Rev	
BCIDC-ARP-TSM_SJ-1012_XX_00-DR-TR-0018	18 of 47	A	M01	

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



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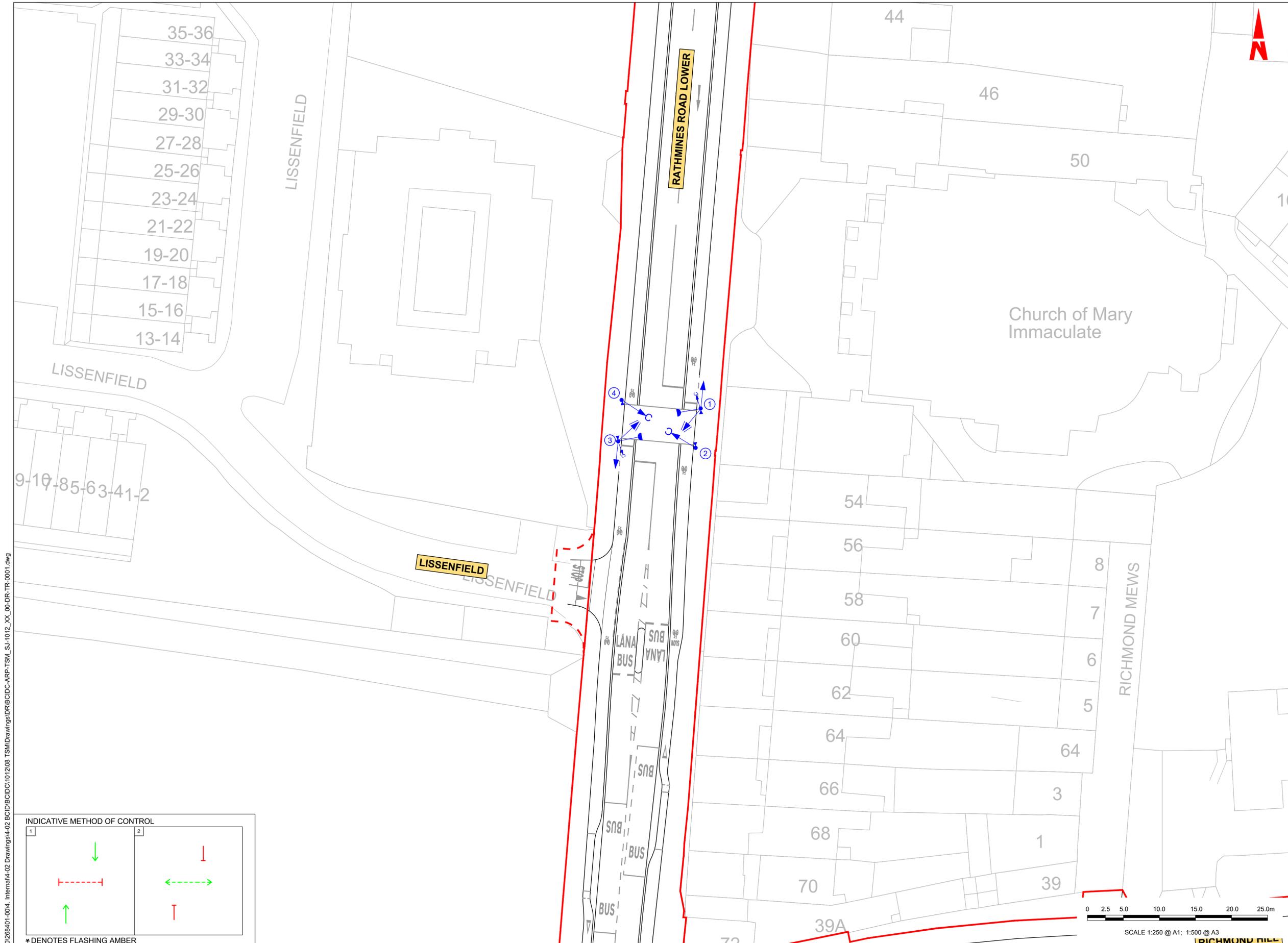
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M01	27/01/2023	GMcT	TM	DC	ISSUE FOR PHASE 4: PLANNING

Client

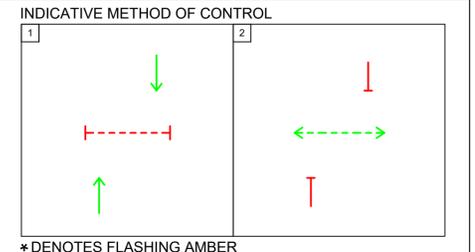
Engineering Designer

Programme Title		BUSCONNECTS DUBLIN		
		CORE BUS CORRIDORS INFRASTRUCTURE WORKS		
Drawing Title				
TEMPLEOGUE / RATHFARNHAM TO CITY CENTRE CORE BUS CORRIDOR SCHEME				
JUNCTION SYSTEMS DESIGN				
RATHMINES ROAD LOWER PEDESTRIAN CROSSING				
Drawing File Name	Sheet Number	Status	Rev	
BCIDC-ARP-TSM_SJ-1012_XX_00-DR-TR-0019	19 of 47	A	M01	

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



\\global\europa\dublin\jobs\268401-0014_Intemat4-02 Drawings\4-02 BCID\BCID\101208 TSM\Drawings\DR\BCIDC-ARP-TSM_SJ-1012_XX_00-DR-TR-0001.dwg

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Building Ireland's Future

Rev	Date	Drn	Chk'd	App'd	Description
M01	27/01/2023	GMcT	TM	DC	ISSUE FOR PHASE 4: PLANNING

Client

NTA
Údarás Náisiúnta Iompair
National Transport Authority

Engineering Designer

ARUP

Date	27/01/2023	Scale	1:250 @ A1 1:500 @ A3	Drawn	GMcT	Checked	TM	Approved	DC
Project Code	BCIDC	Originator Code	ARP	QMS Code	268401-00				

Drawing File Name		Sheet Number	Status	Rev
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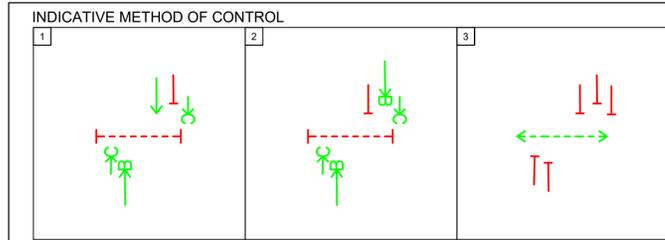
Programme Title

BUSCONNECTS DUBLIN
CORE BUS CORRIDORS INFRASTRUCTURE WORKS

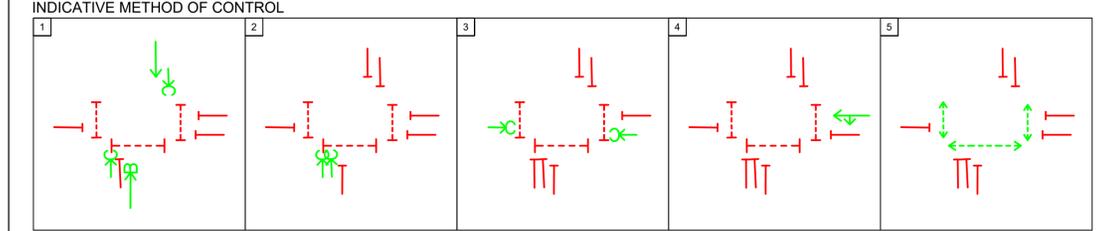
Drawing Title

TEMPLEOGUE / RATHFARNHAM TO CITY CENTRE CORE BUS CORRIDOR SCHEME
JUNCTION SYSTEMS DESIGN
RATHMINES ROAD LOWER PEDESTRIAN CROSSING

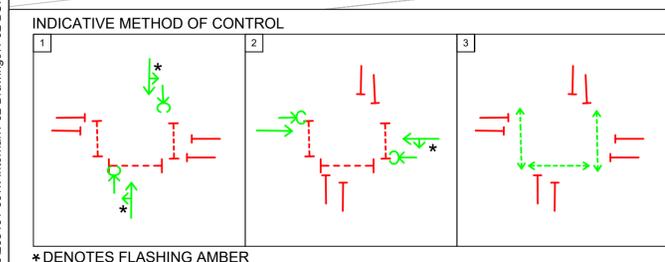
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* DENOTES FLASHING AMBER

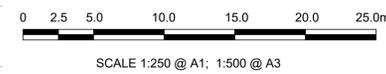


* DENOTES FLASHING AMBER



* DENOTES FLASHING AMBER

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



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Rev	Date	Drn	Chk'd	App'd	Description
M01	27/01/2023	GMcT	TM	DC	ISSUE FOR PHASE 4: PLANNING

Client
NTA
Udarás Náisiúnta Iompair
National Transport Authority

Engineering Designer
ARUP

Programme Title
BUSCONNECTS DUBLIN
CORE BUS CORRIDORS INFRASTRUCTURE WORKS

Drawing Title
TEMPLEOGUE / RATHFARNHAM TO CITY CENTRE CORE BUS CORRIDOR SCHEME
JUNCTION SYSTEMS DESIGN
RATHMINES ROAD LOWER / CANAL ROAD & RICHMOND ST STREET / RICHMOND ROW JUNCTION

Date: 27/01/2023 | Scale: 1:250 @ A1, 1:500 @ A3 | Drawn: GMcT | Checked: TM | Approved: DC

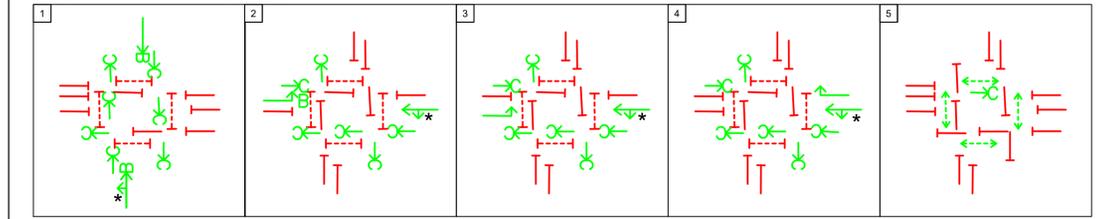
Project Code: BCIDC | Originator Code: ARP | QMS Code: 268401-00

Drawing File Name: BCIDC-ARP-TSM_SJ-1012_XX_00-DR-TR-0021 | Sheet Number: 21 of 47 | Status: A | Rev: M01

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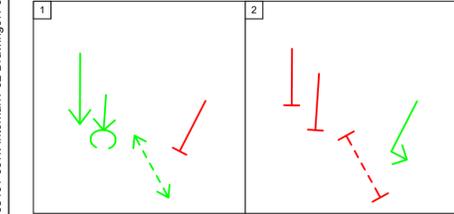
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INDICATIVE METHOD OF CONTROL



* DENOTES FLASHING AMBER

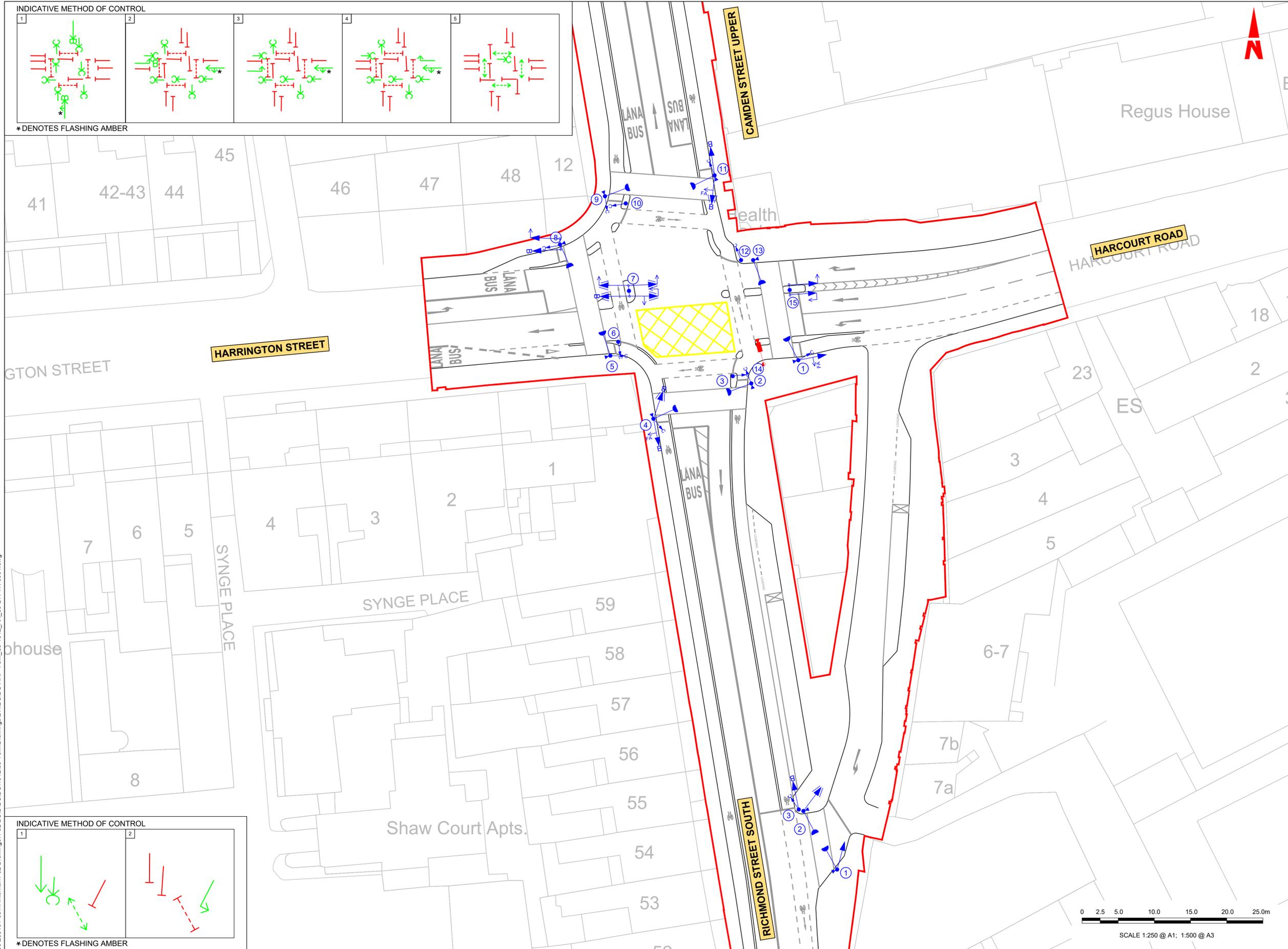
INDICATIVE METHOD OF CONTROL



* DENOTES FLASHING AMBER

LEGEND:

- TRAFFIC SIGNAL HEADS:**
- RTS 001 PRIMARY
 - RTS 001 SECONDARY
 - RTS 002 (A) PRIMARY
 - RTS 002 (A) SECONDARY
 - RTS 002 (B) PRIMARY
 - RTS 002 (C) PRIMARY
 - RTS 002 (C) SECONDARY
 - RTS 002 (D) PRIMARY
 - RTS 002 (D) SECONDARY
 - RTS 003 (H) SECONDARY
 - RTS 004 PRIMARY
 - RTS 007 (LOW LEVEL) PRIMARY
 - RTS 013 PRIMARY
 - RTS 013 SECONDARY
 - RPC 004 PEDESTRIAN HEAD
- TRAFFIC SIGNAL EQUIPMENT:**
- PAN / TILT / ZOOM CCTV CAMERA
 - TALL POLE (CCTV/TRAFFIC SIGNALS)
 - PUSH BUTTON UNIT
 - POLE (STANDARD HEIGHT)
- GENERAL:**
- SITE BOUNDARY LINE
 - TEMPORARY LAND ACQUISITION



SCALE 1:250 @ A1; 1:500 @ A3

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Client
NTA
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 National Transport Authority

Engineering Designer
ARUP

Programme Title
BUSCONNECTS DUBLIN
CORE BUS CORRIDORS INFRASTRUCTURE WORKS

Drawing Title
 TEMPLEOGUE / RATHFARNHAM TO CITY CENTRE CORE BUS CORRIDOR SCHEME
 JUNCTION SYSTEMS DESIGN
 RICHMOND ST STREET / HARCOURT ROAD JUNCTION

Drawing File Name
 BCIDC-ARP-TSM_SJ-1012_XX_00-DR-TR-0022

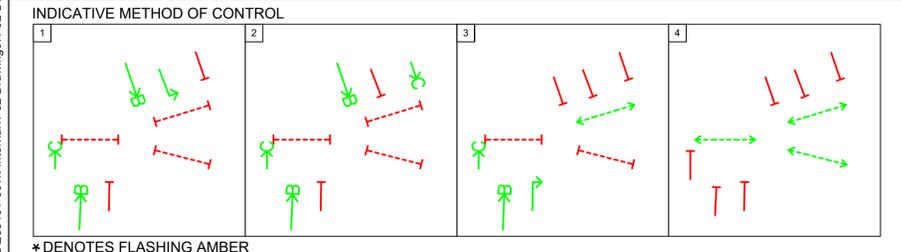
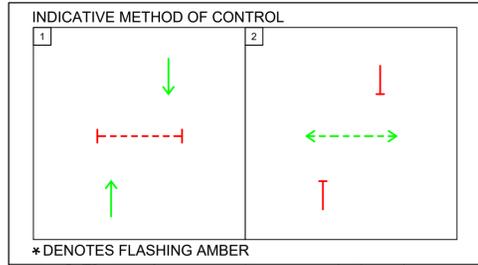
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Status
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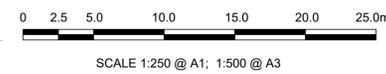
Rev
 M01

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



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Client

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Údarás Náisiúnta Iompair
National Transport Authority

Engineering Designer

ARUP

Date: 27/01/2023
Scale: 1:250 @ A1, 1:500 @ A3

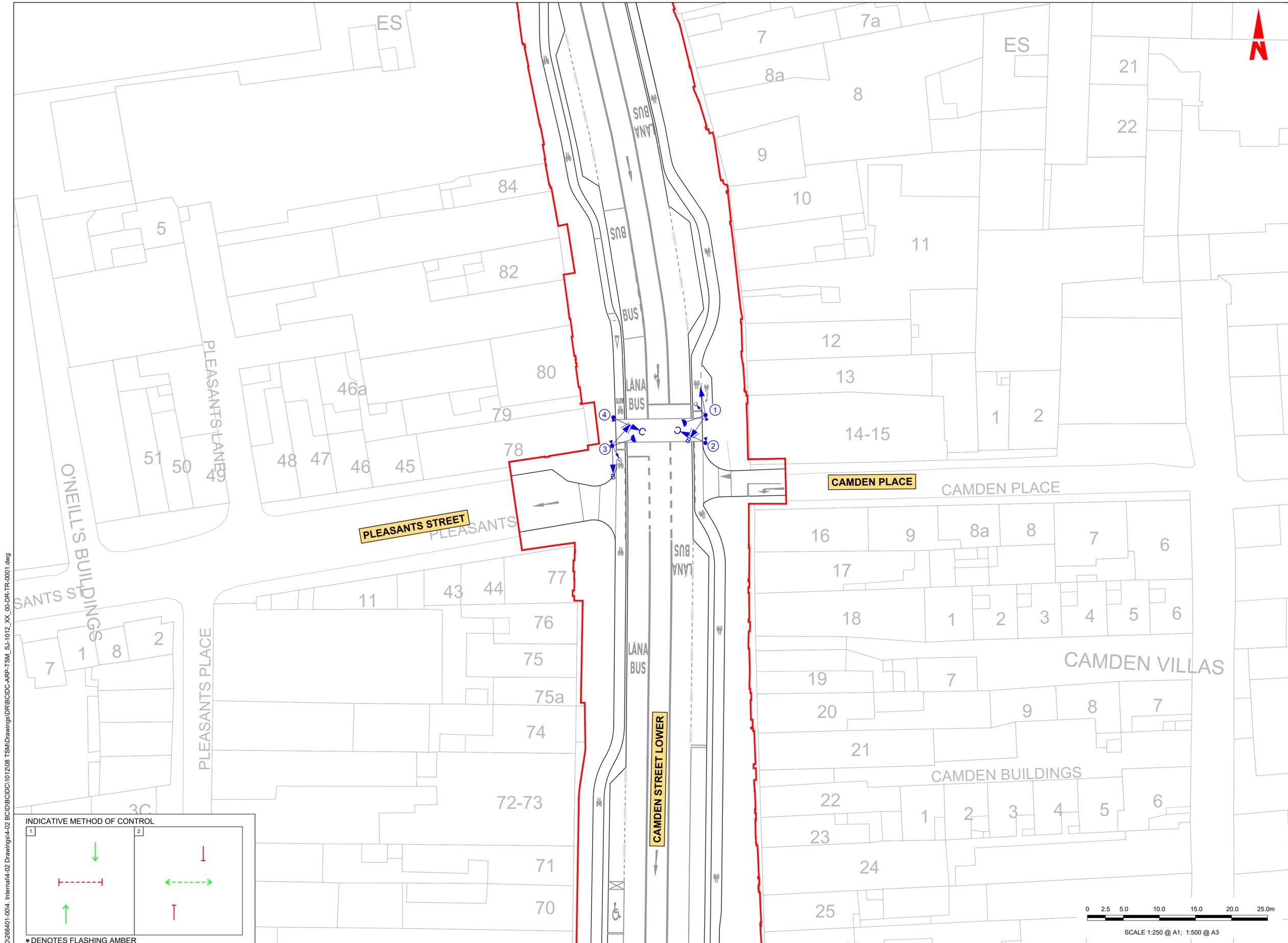
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Checked: TM
Approved: DC

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

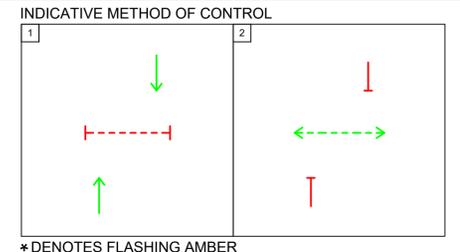
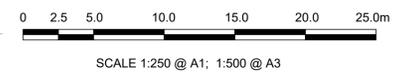
Programme Title			
BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title			
TEMPLEOGUE / RATHFARNHAM TO CITY CENTRE CORE BUS CORRIDOR SCHEME JUNCTION SYSTEMS DESIGN CAMDEN STREET UPPER / CHARLOTTE WAY			
Drawing File Name	Sheet Number	Status	Rev
BCIDC-ARP-TSM_SJ-1012_XX_00-DR-TR-0023	23 of 47	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 007 (HIGH LEVEL) PRIMARY
 - RTS 007 (LOW LEVEL) PRIMARY
 - RPC 004 PEDESTRIAN HEAD
- TRAFFIC SIGNAL EQUIPMENT:**
- PUSH BUTTON UNIT
 - POLE (STANDARD HEIGHT)
- GENERAL:**
- SITE BOUNDARY LINE
 - TEMPORARY LAND ACQUISITION



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Project Ireland 2040
Building Ireland's Future

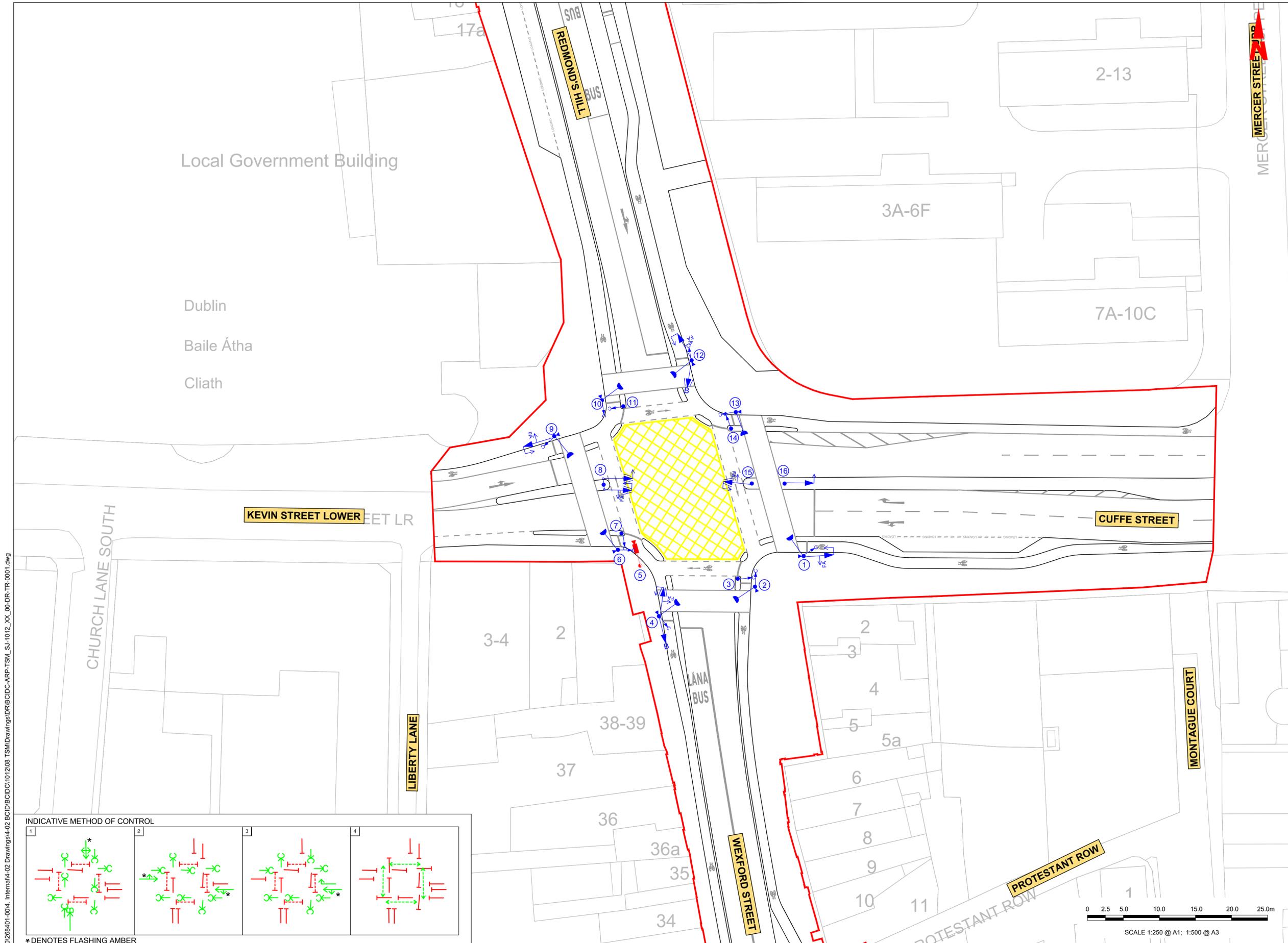
Rev	Date	Drn	Chk'd	App'd	Description
M01	27/01/2023	GMcT	TM	DC	ISSUE FOR PHASE 4: PLANNING

Client		Engineering Designer		Programme Title	
NTA Údarás Náisiúnta Iompair National Transport Authority		ARUP		BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS	
Date	Scale	Drawn	Checked	Approved	
27/01/2023	1:250 @ A1 1:500 @ A3	GMcT	TM	DC	
Project Code	Originator Code	QMS Code			
BCIDC	ARP	268401-00			

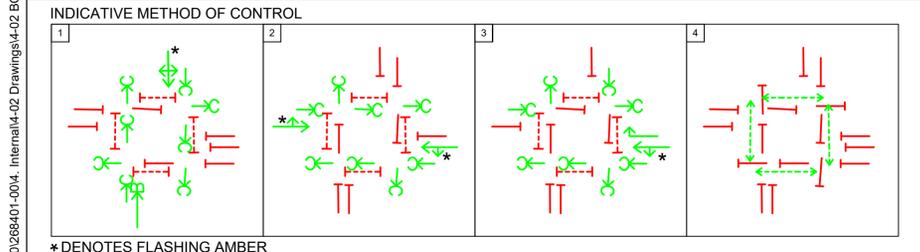
Drawing Title	Sheet Number	Status	Rev
TEMPLEOGUE / RATHFARNHAM TO CITY CENTRE CORE BUS CORRIDOR SCHEME JUNCTION SYSTEMS DESIGN CAMDEN STREET LOWER / PLEASANTS STREET JUNCTION	24 of 47	A	M01

Drawing File Name: BCIDC-ARP-TSM_SJ-1012_XX_00-DR-TR-0024

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



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Rev	Date	Drn	Chk'd	App'd	Description
M01	27/01/2023	GMcT	TM	DC	ISSUE FOR PHASE 4: PLANNING

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

Engineering Designer: **ARUP**

Date	27/01/2023	Scale	1:250 @ A1 1:500 @ A3	Drawn	GMcT	Checked	TM	Approved	DC
Project Code	BCIDC	Originator Code	ARP	QMS Code	268401-00				

Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title TEMPLEOGUE / RATHFARNHAM TO CITY CENTRE CORE BUS CORRIDOR SCHEME JUNCTION SYSTEMS DESIGN KEVIN STREET LOWER / WEXFORD STREET			
Drawing File Name	BCIDC-ARP-TSM_SJ-1012_XX_00-DR-TR-0025	Sheet Number	25 of 47
Status	A	Rev	M01

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Saint Enda's Primary School

Car Park

Tk

Church

WHITEFRIAR PLACE

WHITEFRIAR ST
PETER STREET

AUNGIER STREET

SHERBORNE APTS.

YORK STREET

YORK STREET

GLOVERS COURT

BOW LANE EAST

BOW LANE EAST

64
63

17
18

19
20
20a

21
22

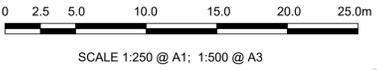
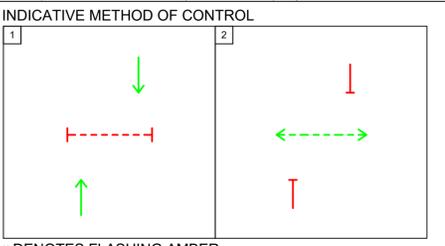
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24

25
58

1-22



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



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Rev	Date	Drn	Chk'd	App'd	Description
M01	27/01/2023	GMcT	TM	DC	ISSUE FOR PHASE 4: PLANNING

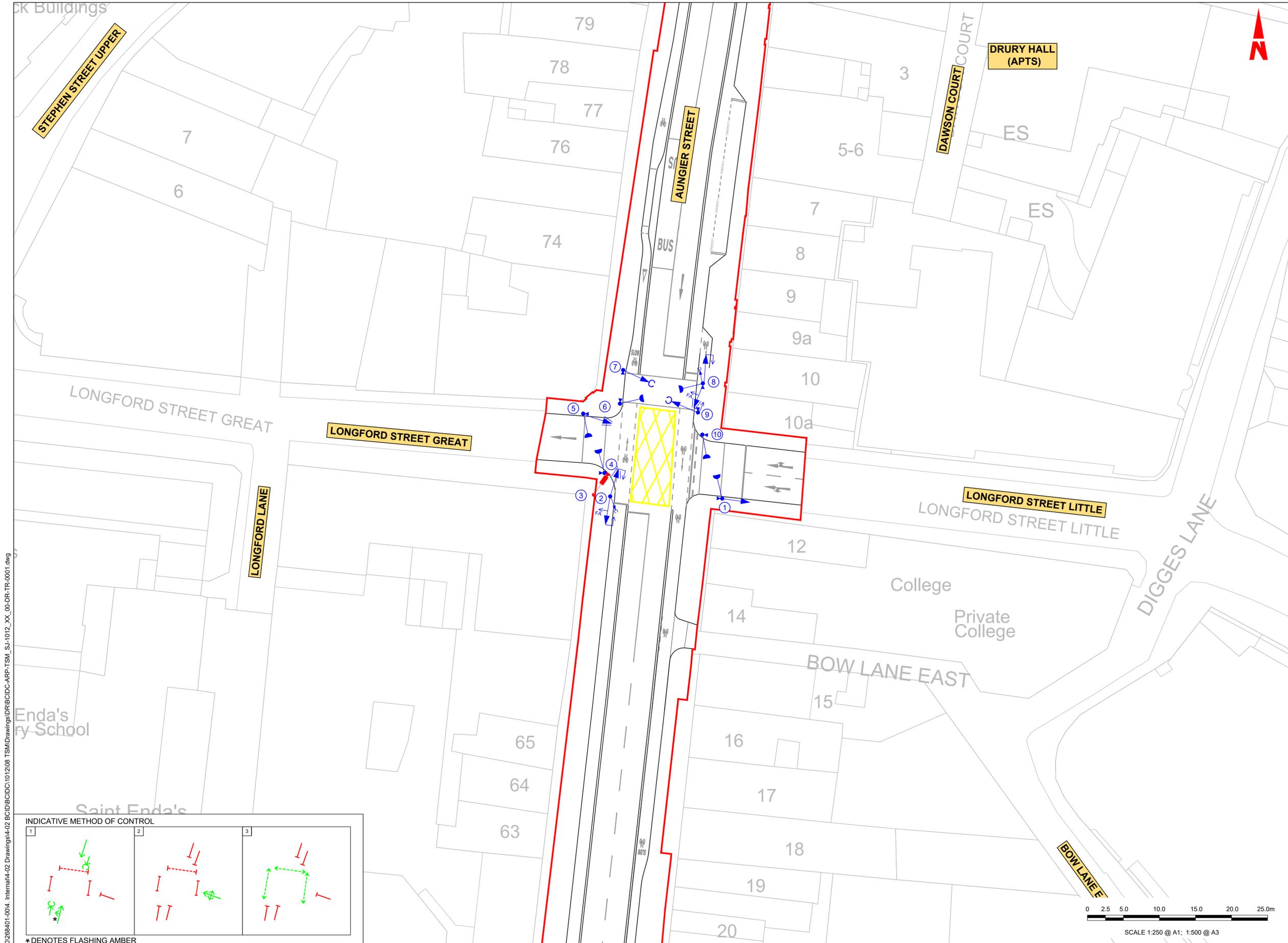
Client

Engineering Designer

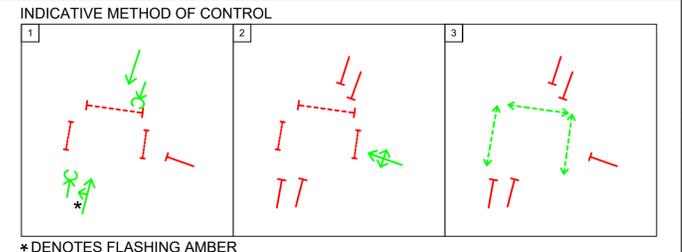
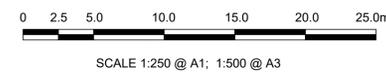
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		CORE BUS CORRIDORS INFRASTRUCTURE WORKS	
Drawing Title		TEMPLEOGUE / RATHFARNHAM TO CITY CENTRE CORE BUS CORRIDOR SCHEME JUNCTION SYSTEMS DESIGN AUNGIER STREET PEDESTRIAN CROSSING	
Drawing File Name	Sheet Number	Status	Rev
BCIDC-ARP-TSM_SJ-1012_XX_00-DR-TR-0026	26 of 47	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 004 PRIMARY
 - RTS 004 SECONDARY
 - RTS 007 (HIGH LEVEL) PRIMARY
 - RTS 007 (LOW LEVEL) PRIMARY
 - RPC 004 PEDESTRIAN HEAD
- TRAFFIC SIGNAL EQUIPMENT:**
- PAN / TILT / ZOOM CCTV CAMERA
 - TALL POLE (CCTV/TRAFFIC SIGNALS)
 - PUSH BUTTON UNIT
 - POLE (STANDARD HEIGHT)
- GENERAL:**
- SITE BOUNDARY LINE
 - TEMPORARY LAND ACQUISITION



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M01	27/01/2023	GMcT	TM	DC	ISSUE FOR PHASE 4: PLANNING

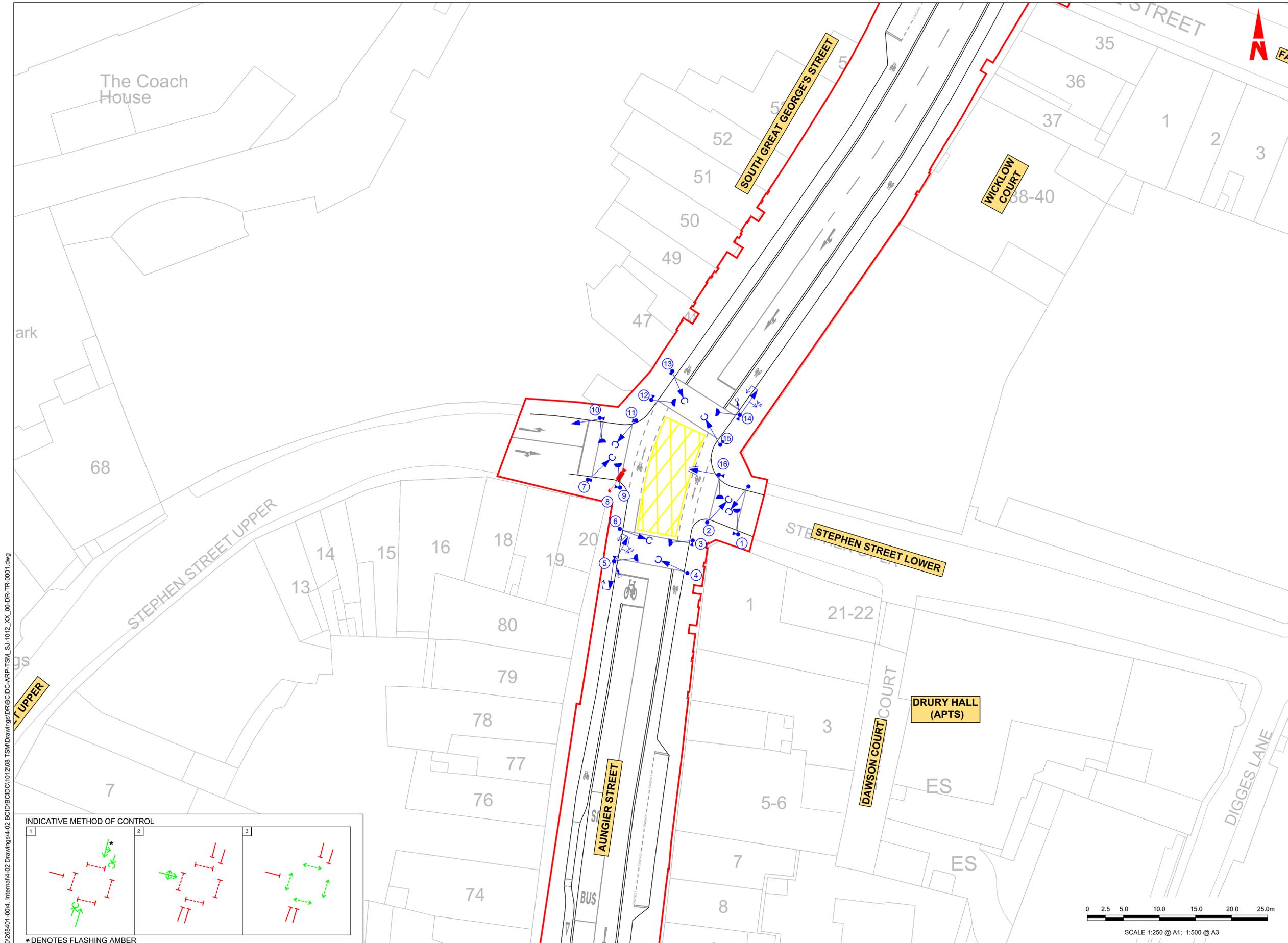
Client

Engineering Designer

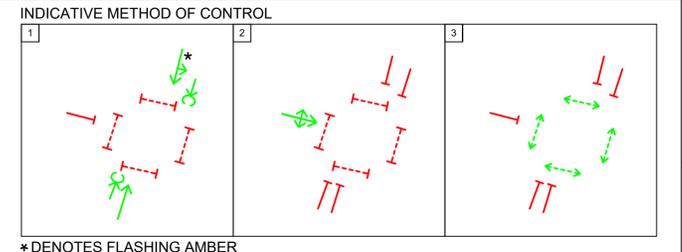
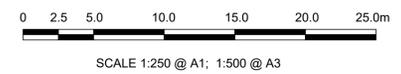
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		CORE BUS CORRIDORS INFRASTRUCTURE WORKS		
Drawing Title				
TEMPLEOGUE / RATHFARNHAM TO CITY CENTRE CORE BUS CORRIDOR SCHEME				
JUNCTION SYSTEMS DESIGN				
AUNGIER STREET / LONGFORD STREET LOWER JUNCTION				
Drawing File Name	Sheet Number	Status	Rev	
BCIDC-ARP-TSM_SJ-1012_XX_00-DR-TR-0027	27 of 47	A	M01	

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- LEGEND:**
- TRAFFIC SIGNAL HEADS:**
- RTS 001 PRIMARY
 - RTS 001 SECONDARY
 - RTS 002 (B) PRIMARY
 - RTS 004 PRIMARY
 - RTS 004 SECONDARY
 - RTS 007 (HIGH LEVEL) PRIMARY
 - RTS 007 (LOW LEVEL) PRIMARY
 - RPC 004 PEDESTRIAN HEAD
- TRAFFIC SIGNAL EQUIPMENT:**
- PAN / TILT / ZOOM CCTV CAMERA
 - TALL POLE (CCTV/TRAFFIC SIGNALS)
 - PUSH BUTTON UNIT
 - POLE (STANDARD HEIGHT)
- GENERAL:**
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Rev	Date	Drn	Chk'd	App'd	Description
M01	27/01/2023	GMcT	TM	DC	ISSUE FOR PHASE 4: PLANNING

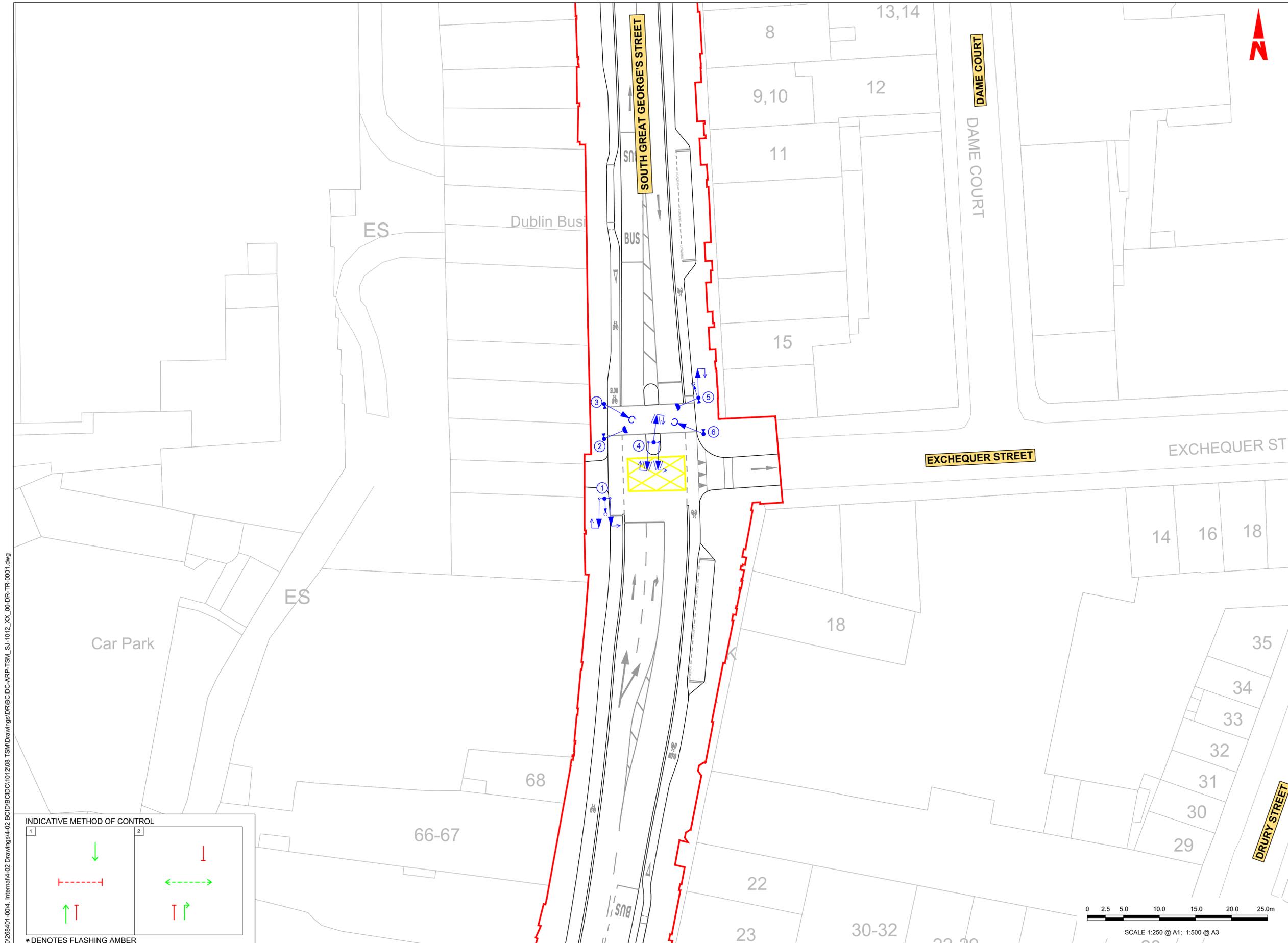
Client

Engineering Designer

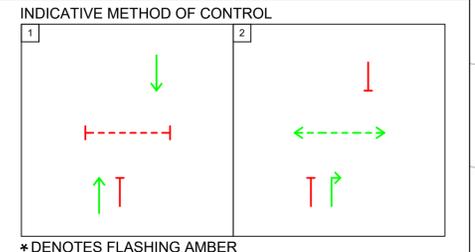
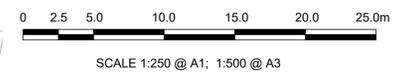
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Drawing Title		TEMPLEOGUE / RATHFARNHAM TO CITY CENTRE CORE BUS CORRIDOR SCHEME JUNCTION SYSTEMS DESIGN AUNGIER STREET / STEPHEN STREET SUPPER JUNCTION		
Date	Scale	Drawn	Checked	Approved
27/01/2023	1:250 @ A1 1:500 @ A3	GMcT	TM	DC
Project Code	Originator Code	QMS Code	268401-00	
BCIDC	ARP			
Drawing File Name	Sheet Number	Status	Rev	
BCIDC-ARP-TSM_SJ-1012_XX_00-DR-TR-0028	28 of 47	A	M01	

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



\global\europa\dublin\jobs\268401-0014_Intemat\4-02 Drawings\4-02 BCID\BCID\1012\08 TSM\Drawings\DR\BCIDC-ARP-TSM_SJ-1012_XX_00-DR-TR-0001.dwg

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Rev	Date	Drn	Chk'd	App'd	Description
M01	27/01/2023	GMcT	TM	DC	ISSUE FOR PHASE 4: PLANNING

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

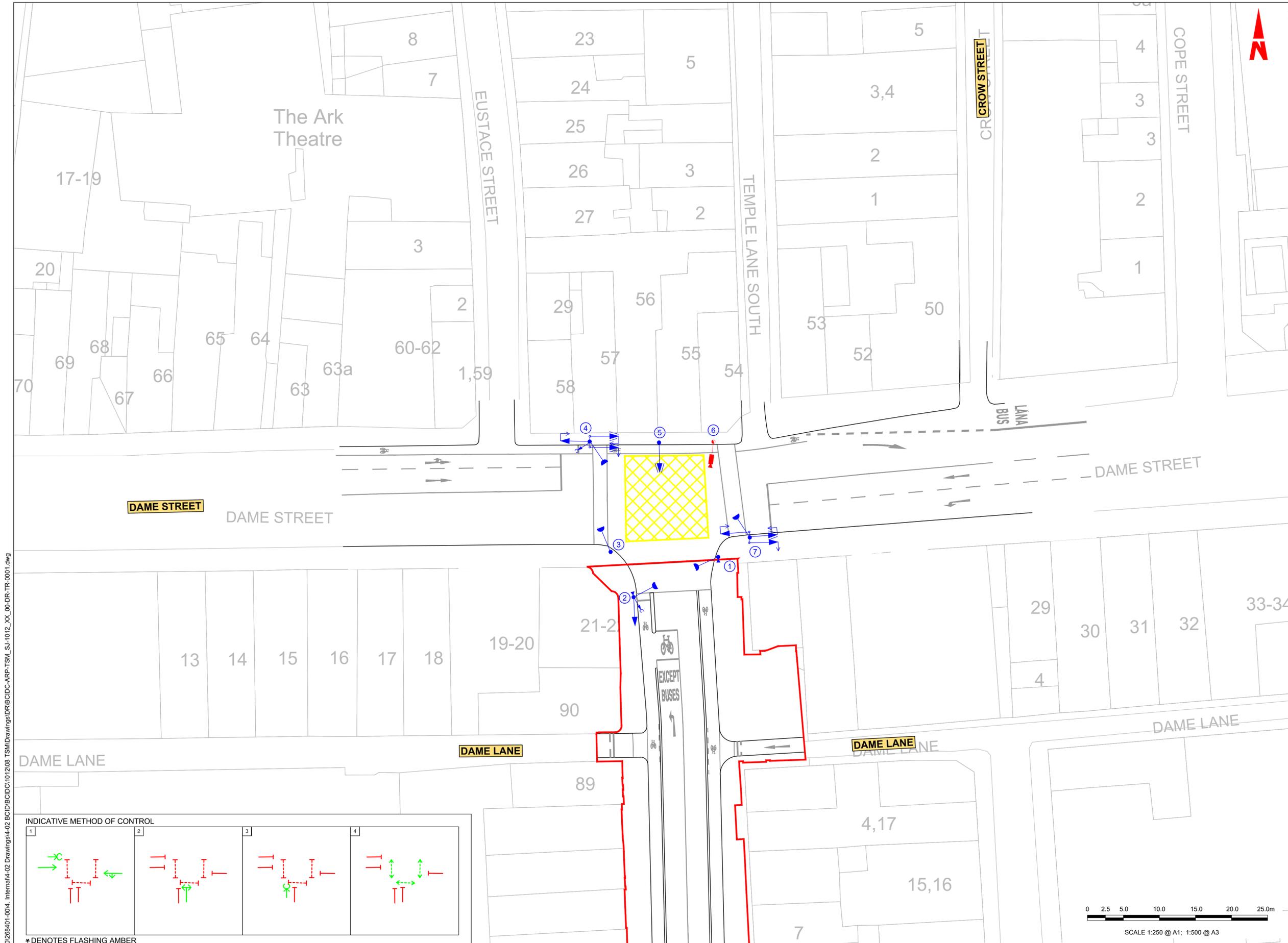
Engineering Designer: **ARUP**

Date	Scale	Drawn	Checked	Approved
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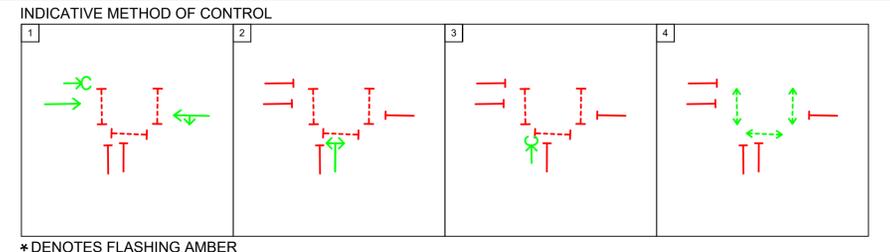
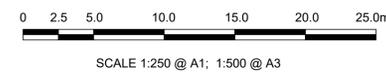
Project Code: BCIDC | Originator Code: ARP | QMS Code: 268401-00

Programme Title: BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title: TEMPLEOGUE / RATHFARNHAM TO CITY CENTRE CORE BUS CORRIDOR SCHEME JUNCTION SYSTEMS DESIGN SOUTH GREAT GEORGES STREET / EXCHEQUER STREET JUNCTION			
Drawing File Name	Sheet Number	Status	Rev
BCIDC-ARP-TSM_SJ-1012_XX_00-DR-TR-0029	29 of 47	A	M01

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



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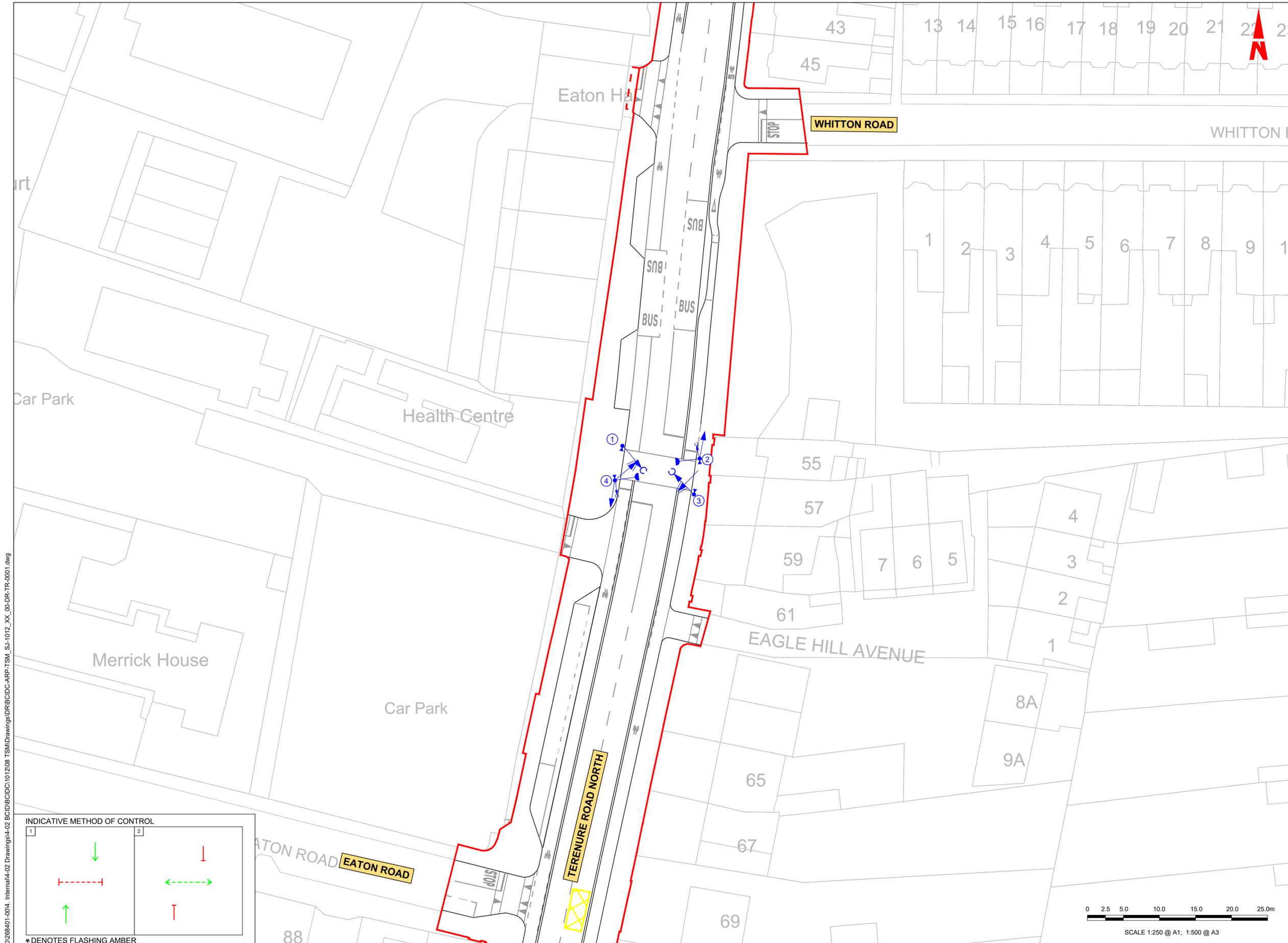
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M01	27/01/2023	GMcT	TM	DC	ISSUE FOR PHASE 4: PLANNING

Client

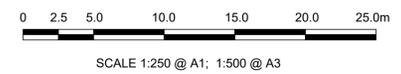
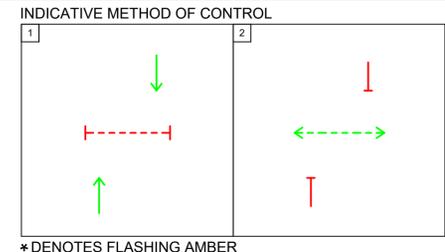
Engineering Designer

Programme Title		BUSCONNECTS DUBLIN		
		CORE BUS CORRIDORS INFRASTRUCTURE WORKS		
Drawing Title				
TEMPLEOGUE / RATHFARNHAM TO CITY CENTRE CORE BUS CORRIDOR SCHEME				
JUNCTION SYSTEMS DESIGN				
SOUTH GREAT GEORGES STREET / DAME STREET JUNCTION				
Drawing File Name	Sheet Number	Status	Rev	
BCIDC-ARP-TSM_SJ-1012_XX_00-DR-TR-0030	30 of 47	A	M01	

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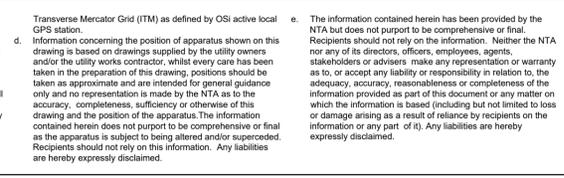


- LEGEND:**
- TRAFFIC SIGNAL HEADS:**
 - RTS 001 PRIMARY
 - RTS 001 SECONDARY
 - RTS 007 (HIGH LEVEL) PRIMARY
 - RTS 007 (LOW LEVEL) PRIMARY
 - RPC 004 PEDESTRIAN HEAD
 - TRAFFIC SIGNAL EQUIPMENT:**
 - PUSH BUTTON UNIT
 - POLE (STANDARD HEIGHT)
 - GENERAL:**
 - SITE BOUNDARY LINE
 - TEMPORARY LAND ACQUISITION



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Rev	Date	Dwn	Chk'd	App'd	Description
M01	27/01/2023	GMcT	TM	DC	ISSUE FOR PHASE 4: PLANNING

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

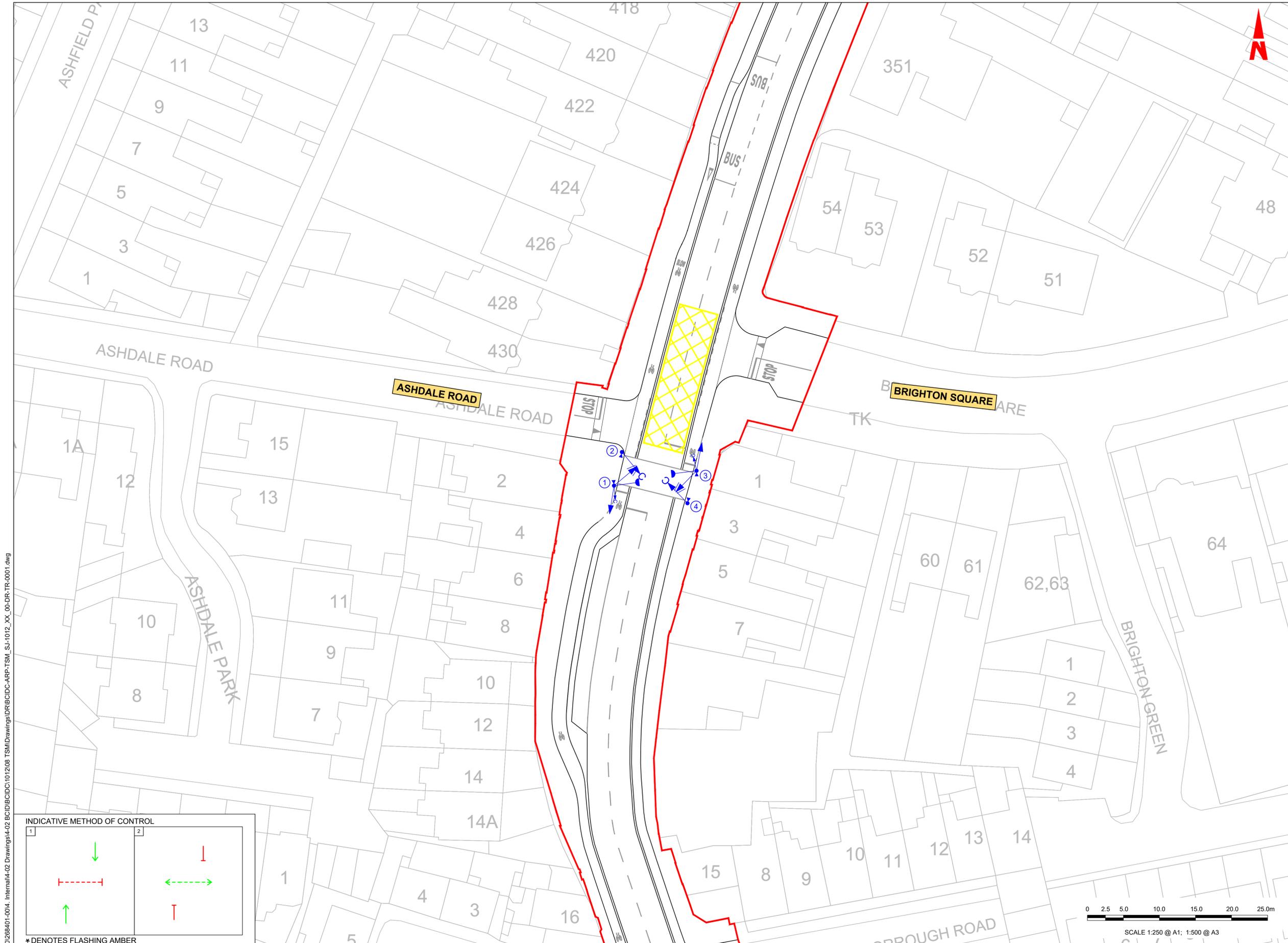
Engineering Designer: **ARUP**

Date: 27/01/2023
 Scale: 1:250 @ A1, 1:500 @ A3
 Drawn: GMcT, Checked: TM, Approved: DC

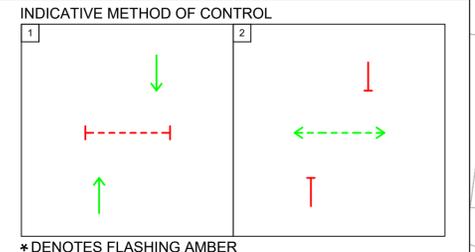
Project Code: BCIDC, Originator Code: ARP, QMS Code: 268401-00

Programme Title		Drawing Title	
BUSCONNECTS DUBLIN		TEMPLEOGUE / RATHFARNHAM TO CITY CENTRE CORE BUS CORRIDOR SCHEME	
CORE BUS CORRIDORS INFRASTRUCTURE WORKS		JUNCTION SYSTEMS DESIGN	
		TERENURE ROAD NORTH PEDESTRIAN CROSSING	
Drawing File Name	Sheet Number	Status	Rev
BCIDC-ARP-TSM_SJ-1012_XX_00-DR-TR-0031	31 of 47	A	M01

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



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Rev	Date	Drn	Chk'd	App'd	Description
M01	27/01/2023	GMcT	TM	DC	ISSUE FOR PHASE 4: PLANNING

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

Engineering Designer: **ARUP**

Date: 27/01/2023 | Scale: 1:250 @ A1, 1:500 @ A3 | Drawn: GMcT | Checked: TM | Approved: DC

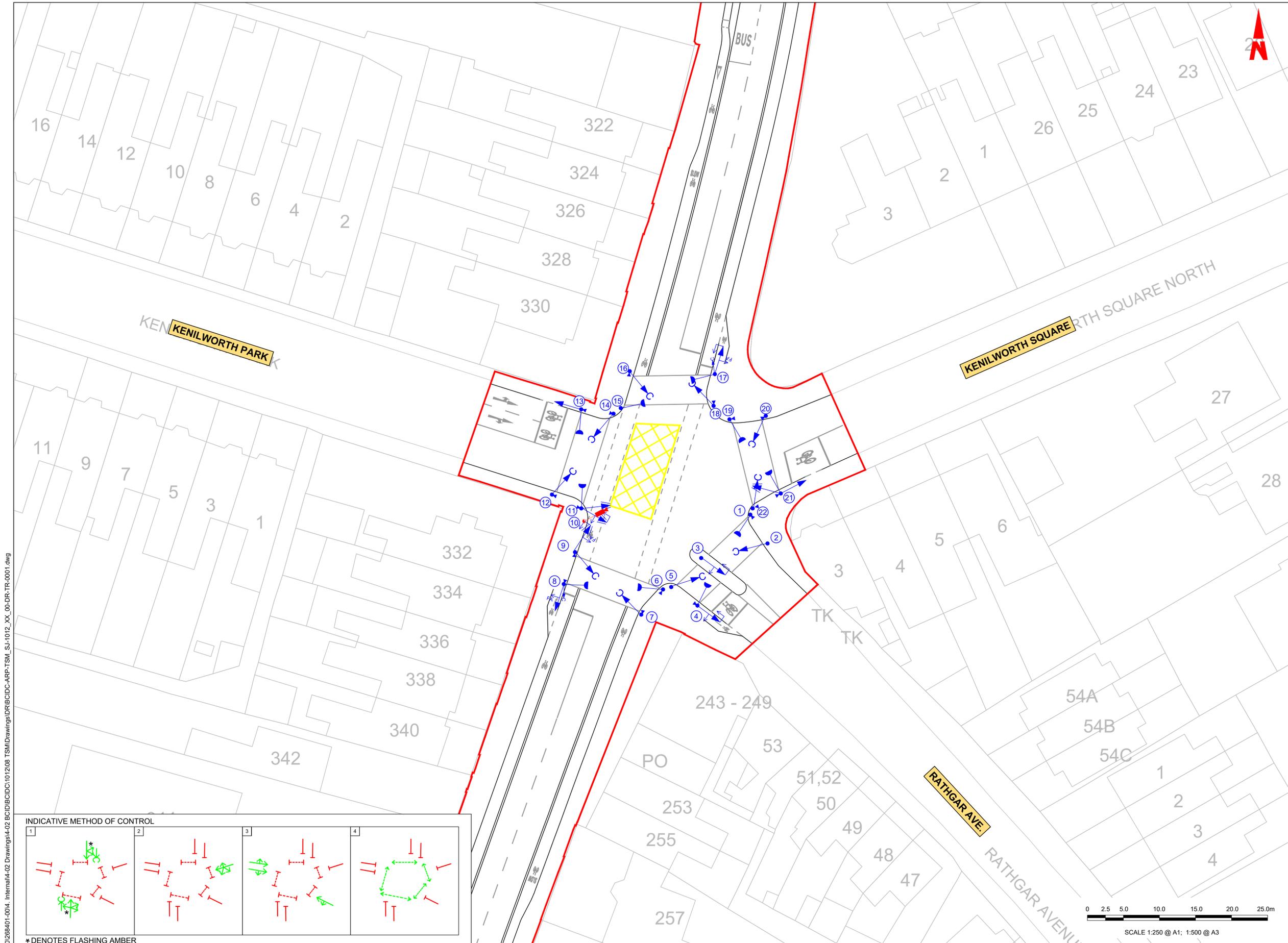
Project Code: BCIDC | Originator Code: ARP | QMS Code: 268401-00

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

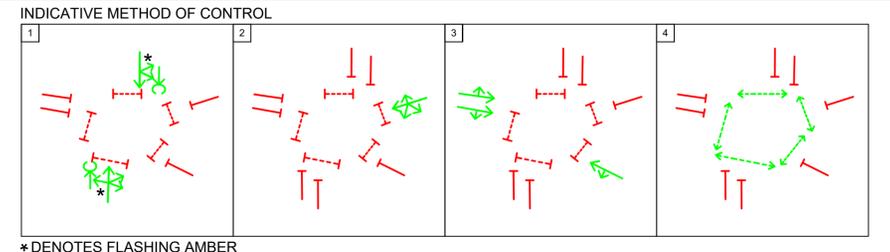
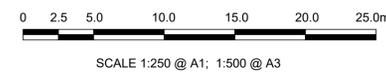
Drawing Title: TEMPLEOGUE / RATHFARNHAM TO CITY CENTRE CORE BUS CORRIDOR SCHEME JUNCTION SYSTEMS DESIGN TERENURE ROAD NORTH TOUCAN CROSSING

Drawing File Name: BCIDC-ARP-TSM_SJ-1012_XX_00-DR-TR-0032	Sheet Number: 32 of 47	Status: A	Rev: M01
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- TRAFFIC SIGNAL HEADS:**
- RTS 001 PRIMARY
 - RTS 001 SECONDARY
 - RTS 003 (H) PRIMARY
 - RTS 003 (H) SECONDARY
 - RTS 004 PRIMARY
 - RTS 004 SECONDARY
 - RTS 007 (HIGH LEVEL) PRIMARY
 - RTS 007 (LOW LEVEL) PRIMARY
 - RPC 004 PEDESTRIAN HEAD
- TRAFFIC SIGNAL EQUIPMENT:**
- PAN / TILT / ZOOM CCTV CAMERA
 - TALL POLE (CCTV/TRAFFIC SIGNALS)
 - PUSH BUTTON UNIT
 - POLE (STANDARD HEIGHT)
- GENERAL:**
- SITE BOUNDARY LINE
 - TEMPORARY LAND ACQUISITION



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Rev	Date	Drn	Chk'd	App'd	Description
M01	27/01/2023	GMcT	TM	DC	ISSUE FOR PHASE 4: PLANNING

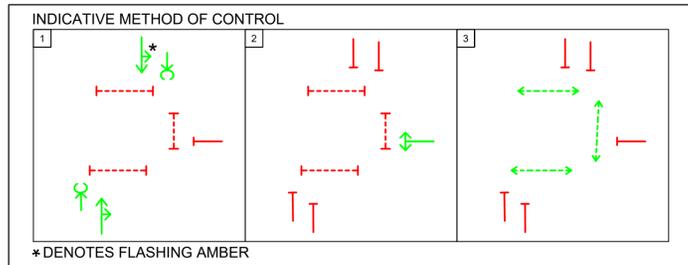
Client

Engineering Designer

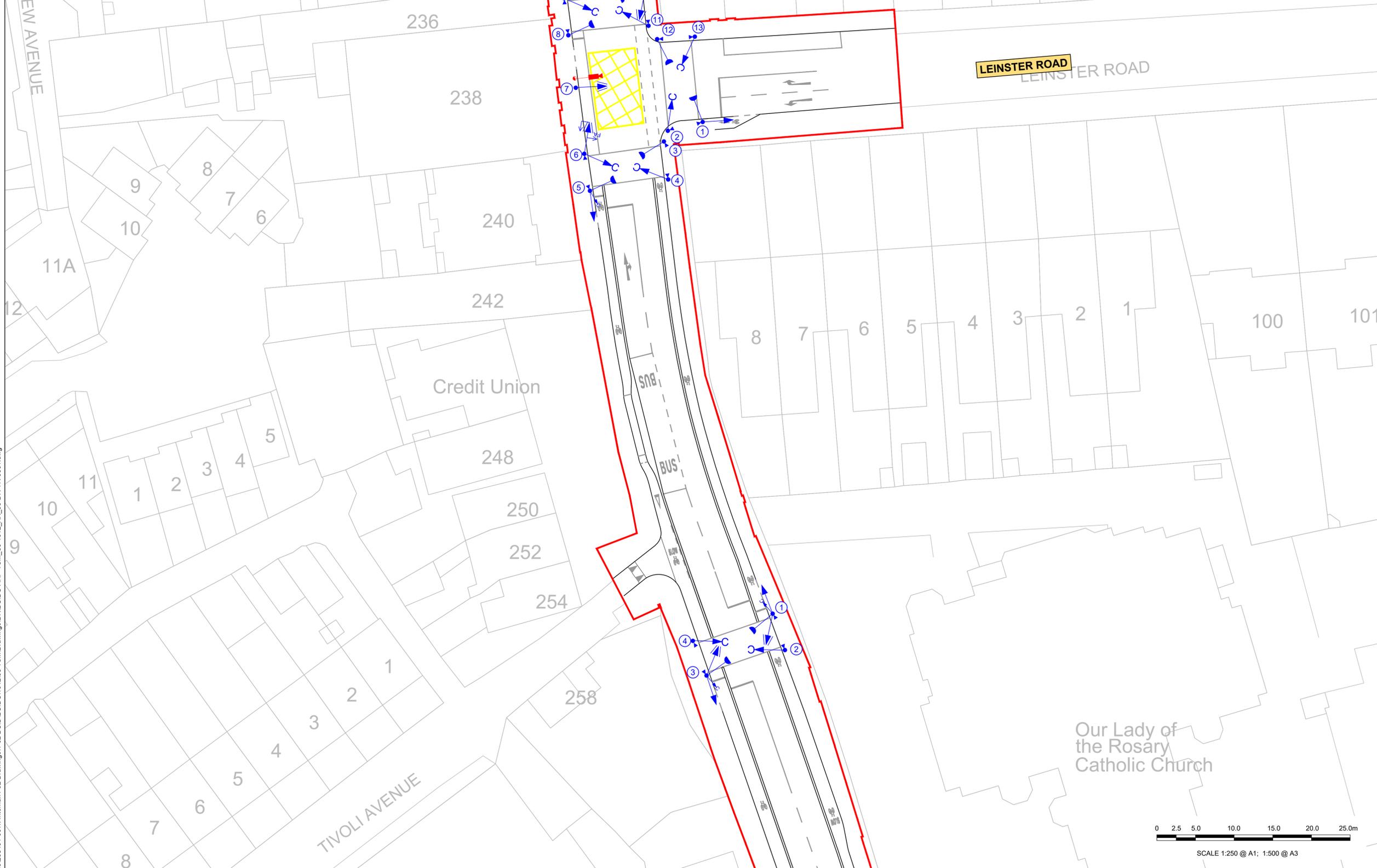
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		CORE BUS CORRIDORS INFRASTRUCTURE WORKS	
Drawing Title			
TEMPLEOGUE / RATHFARNHAM TO CITY CENTRE CORE BUS CORRIDOR SCHEME			
JUNCTION SYSTEMS DESIGN			
HAROLDS CROSS ROAD / KENILWORTH PARK JUNCTION			
Drawing File Name	Sheet Number	Status	Rev
BCIDC-ARP-TSM_SJ-1012_XX_00-DR-TR-0033	33 of 47	A	M01

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* DENOTES FLASHING AMBER



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

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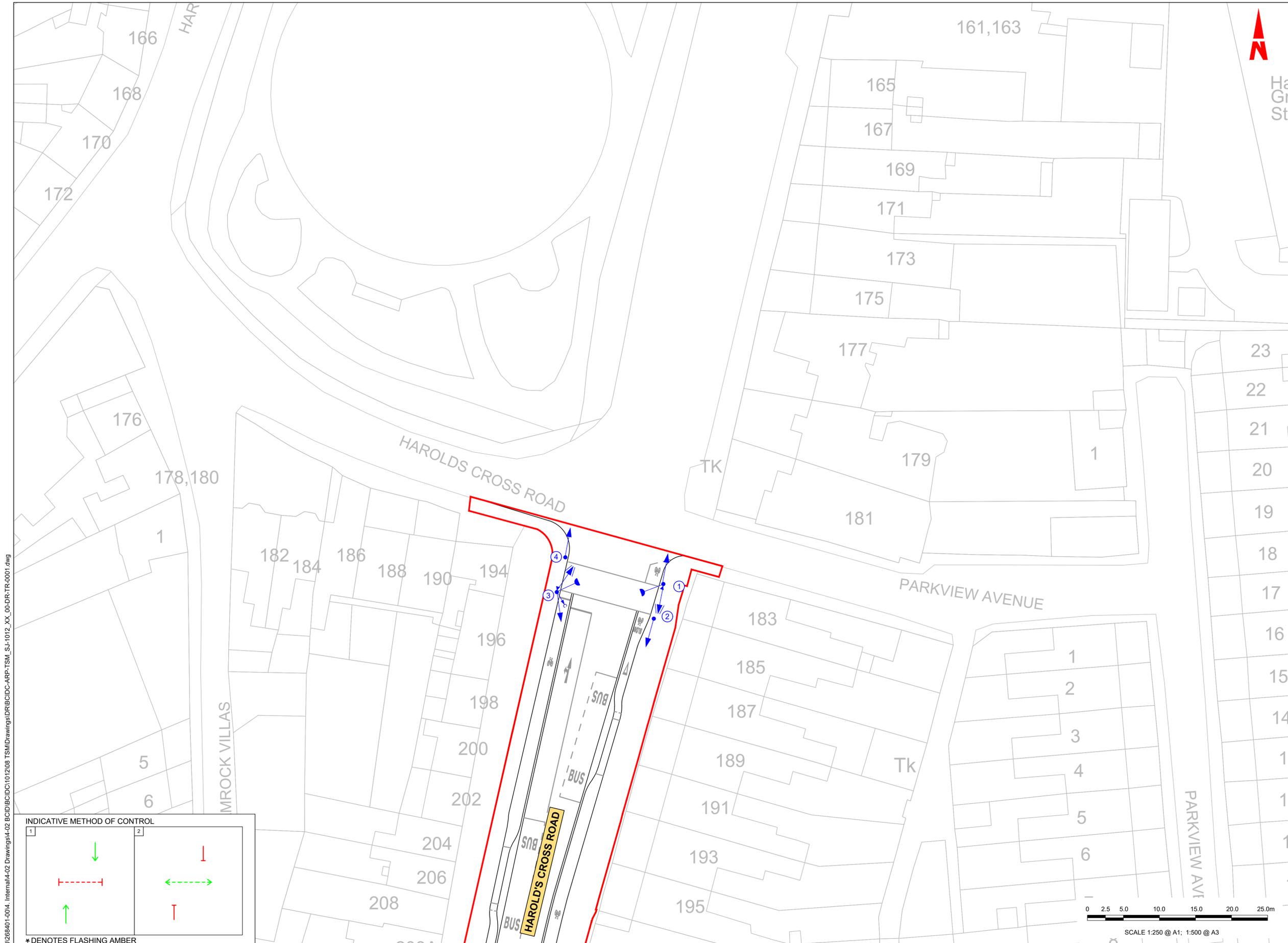
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M01	27/01/2023	GMcT	TM	DC	ISSUE FOR PHASE 4: PLANNING

Client

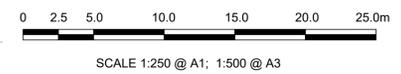
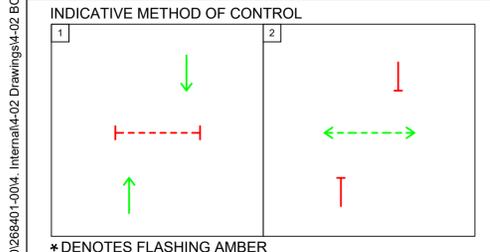
Engineering Designer

Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS				
Drawing Title TEMPLEOGUE / RATHFARNHAM TO CITY CENTRE CORE BUS CORRIDOR SCHEME JUNCTION SYSTEMS DESIGN HAROLDS CROSS ROAD / LEINSTER ROAD JUNCTION				
Date 27/01/2023	Scale 1:250 @ A1 1:500 @ A3	Drawn GMcT	Checked TM	Approved DC
Project Code BCIDC	Originator Code ARP	QMS Code 268401-00	Sheet Number 34 of 47	Status A
Drawing File Name BCIDC-ARP-TSM_SJ-1012_XX_00-DR-TR-0034			Rev M01	

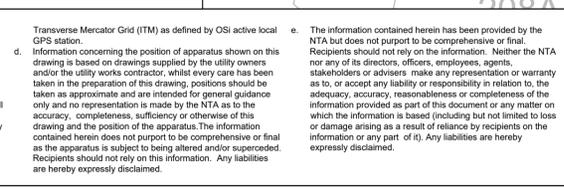
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- LEGEND:**
- TRAFFIC SIGNAL HEADS:**
 - RTS 001 PRIMARY
 - RTS 001 SECONDARY
 - RTS 007 (LOW LEVEL) PRIMARY
 - RPC 004 PEDESTRIAN HEAD
 - TRAFFIC SIGNAL EQUIPMENT:**
 - PUSH BUTTON UNIT
 - POLE (STANDARD HEIGHT)
 - GENERAL:**
 - SITE BOUNDARY LINE
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Rev	Date	Drn	Chk'd	App'd	Description
M01	27/01/2023	GMcT	TM	DC	ISSUE FOR PHASE 4: PLANNING

Client
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 National Transport Authority

Engineering Designer
ARUP

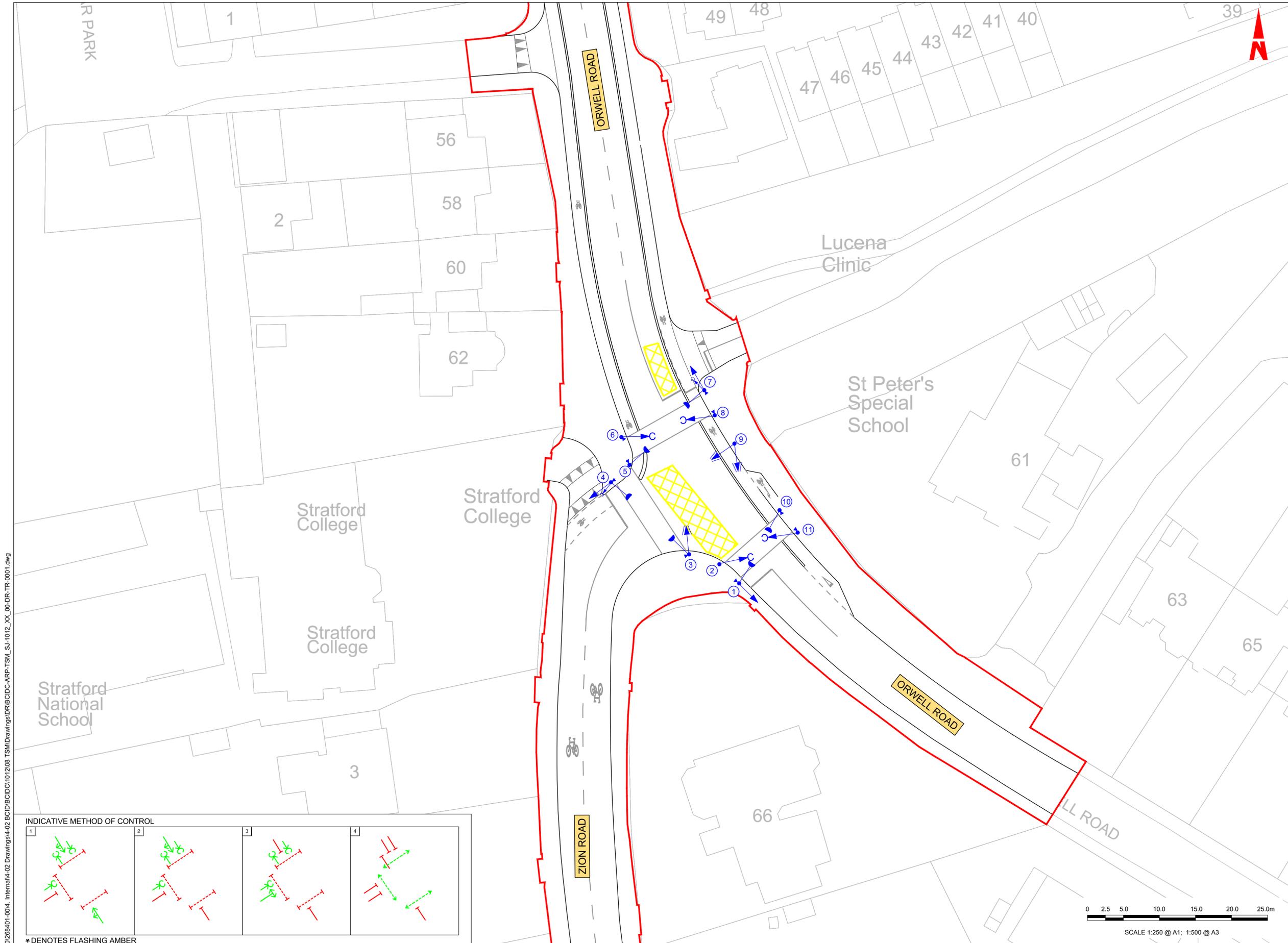
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27/01/2023	1:250 @ A1 1:500 @ A3	GMcT	TM	DC

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

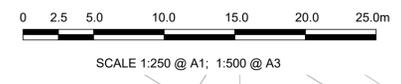
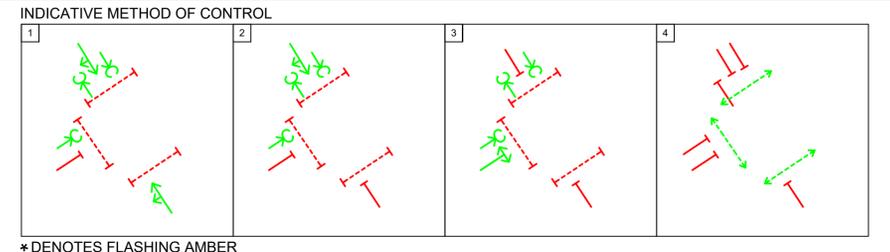
Drawing Title
 TEMPLEOGUE / RATHFARNHAM TO CITY CENTRE CORE BUS CORRIDOR SCHEME
 JUNCTION SYSTEMS DESIGN
 HAROLD'S CROSS ROAD / PARKVIEW AVENUE JUNCTION

Drawing File Name	Sheet Number	Status	Rev
BCIDC-ARP-TSM_SJ-1012_XX_00-DR-TR-0035	35 of 47	A	M01

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- TRAFFIC SIGNAL HEADS:**
 - RTS 001 PRIMARY
 - RTS 001 SECONDARY
 - RTS 007 (HIGH LEVEL) PRIMARY
 - RTS 007 (LOW LEVEL) PRIMARY
 - RPC 004 PEDESTRIAN HEAD
 - TRAFFIC SIGNAL EQUIPMENT:**
 - PUSH BUTTON UNIT
 - POLE (STANDARD HEIGHT)
 - 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	27/01/2023	GMcT	TM	DC	ISSUE FOR PHASE 4: PLANNING

Client

NTA
Údarás Náisiúnta Iompair
National Transport Authority

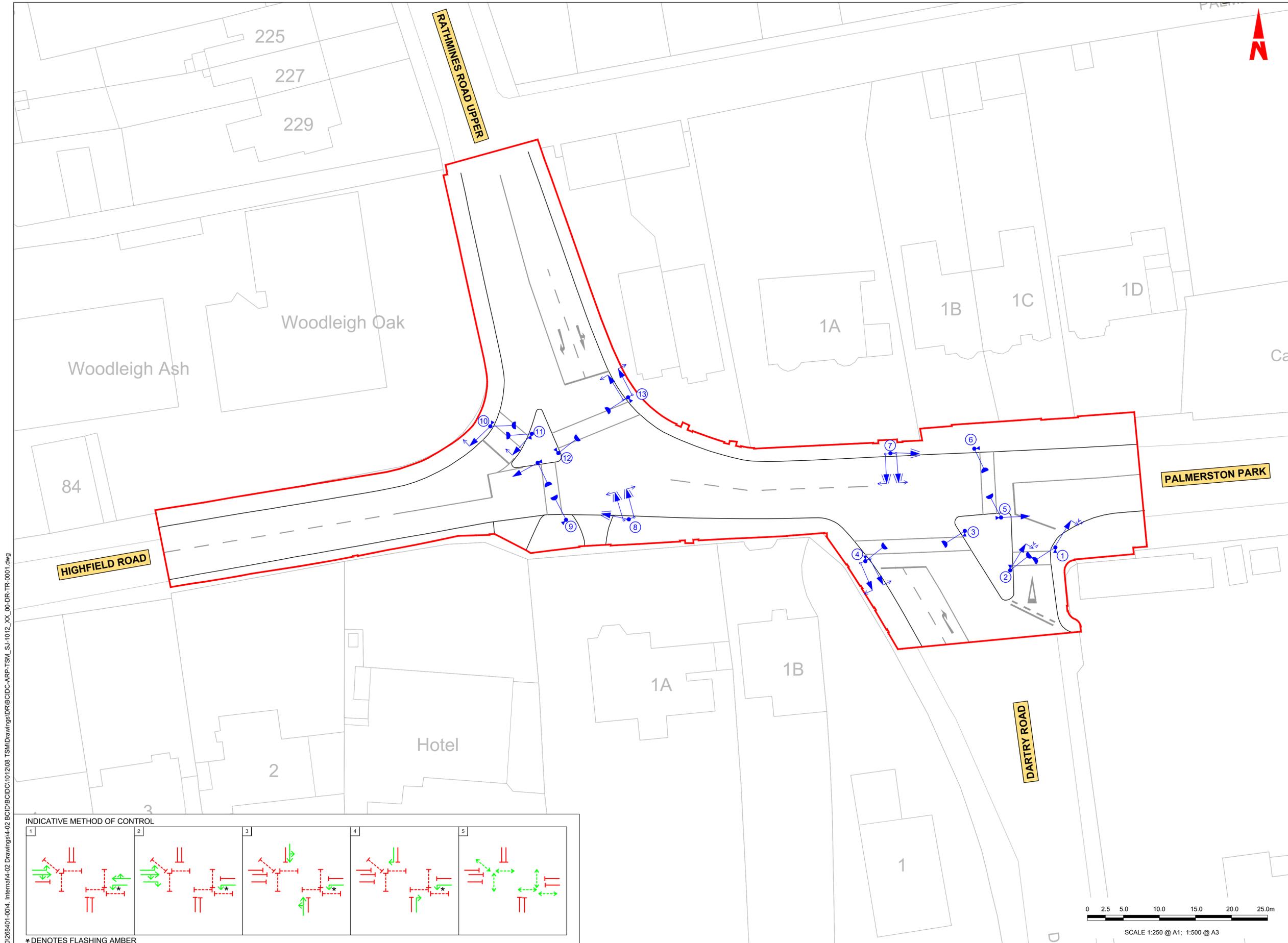
Engineering Designer

ARUP

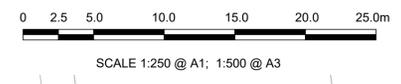
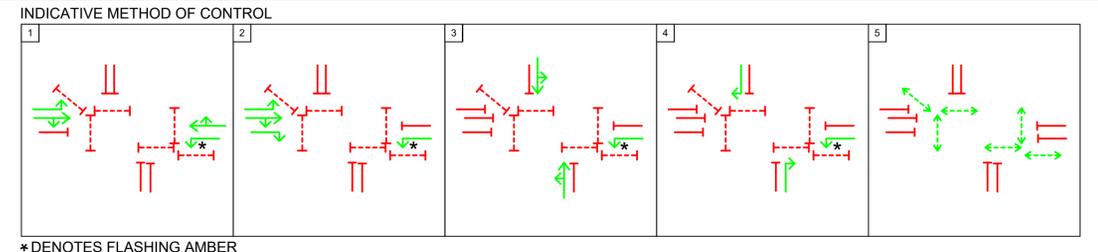
Date	27/01/2023	Scale	1:250 @ A1 1:500 @ A3	Drawn	GMcT	Checked	TM	Approved	DC
Project Code	BCIDC	Originator Code	ARP	QMS Code	268401-00				

Programme Title		BUSCONNECTS DUBLIN	
		CORE BUS CORRIDORS INFRASTRUCTURE WORKS	
Drawing Title			
TEMPLEOGUE / RATHFARNHAM TO CITY CENTRE CORE BUS CORRIDOR SCHEME			
JUNCTION SYSTEMS DESIGN			
ORWELL ROAD / ZION ROAD			
Drawing File Name	BCIDC-ARP-TSM_SJ-1012_XX_00-DR-TR-0036	Sheet Number	36 of 47
Status	A	Rev	M01

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- TRAFFIC SIGNAL HEADS:**
 - RTS 001 PRIMARY
 - RTS 001 SECONDARY
 - RTS 002 (A) SECONDARY
 - RTS 002 (C) SECONDARY
 - RTS 004 PRIMARY
 - RPC 004 PEDESTRIAN HEAD
 - TRAFFIC SIGNAL EQUIPMENT:**
 - PUSH BUTTON UNIT
 - GENERAL:**
 - SITE BOUNDARY LINE
 - TEMPORARY LAND ACQUISITION



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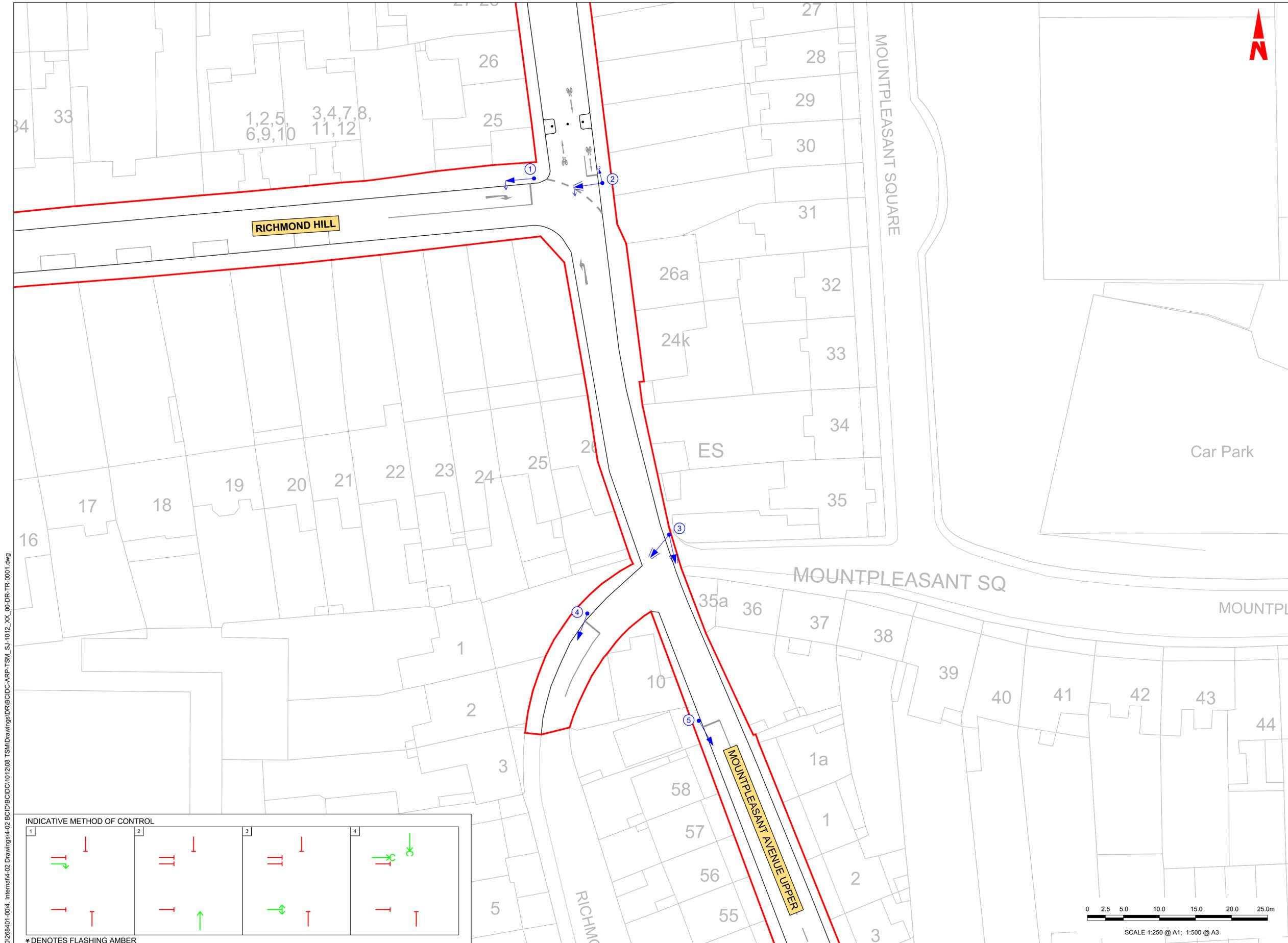
Rev	Date	Drn	Chk'd	App'd	Description
M01	27/01/2023	GMcT	TM	DC	ISSUE FOR PHASE 4: PLANNING

Client

Engineering Designer

Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS				
Drawing Title TEMPLEOGUE / RATHFARNHAM TO CITY CENTRE CORE BUS CORRIDOR SCHEME JUNCTION SYSTEMS DESIGN HIGHFIELD ROAD / RATHMINES ROAD UPPER				
Date 27/01/2023	Scale 1:250 @ A1 1:500 @ A3	Drawn GMcT	Checked TM	Approved DC
Project Code BCIDC	Originator Code ARP	QMS Code 268401-00	Drawing File Name BCIDC-ARP-TSM_SJ-1012_XX_00-DR-TR-0037	Sheet Number 37 of 47
			Status A	Rev M01

DO NOT SCALE USE FIGURED DIMENSIONS ONLY



LEGEND:

TRAFFIC SIGNAL HEADS:

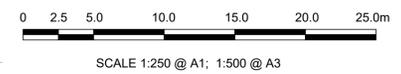
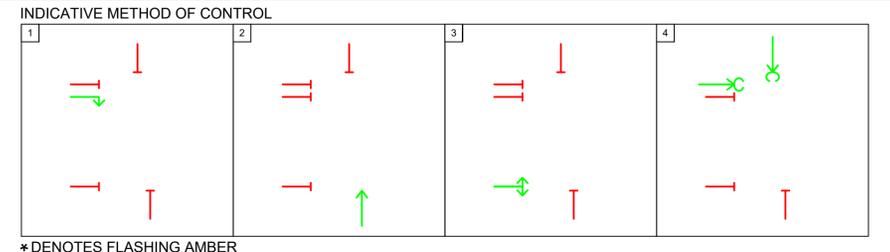
- RTS 001 PRIMARY
- RTS 001 SECONDARY
- RTS 002 (C) PRIMARY
- RTS 002 (C) SECONDARY
- RTS 007 (LOW LEVEL) PRIMARY

TRAFFIC SIGNAL EQUIPMENT:

- POLE (STANDARD HEIGHT)

GENERAL:

- SITE BOUNDARY LINE
- TEMPORARY LAND ACQUISITION



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Rev	Date	Drn	Chk'd	App'd	Description
M01	27/01/2023	GMcT	TM	DC	ISSUE FOR PHASE 4: PLANNING

Client

NTA
Údarás Náisiúnta Iompair
National Transport Authority

Engineering Designer

ARUP

Date: 27/01/2023
Scale: 1:250 @ A1
1:500 @ A3

Drawn: GMcT
Checked: TM
Approved: DC

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

Programme Title

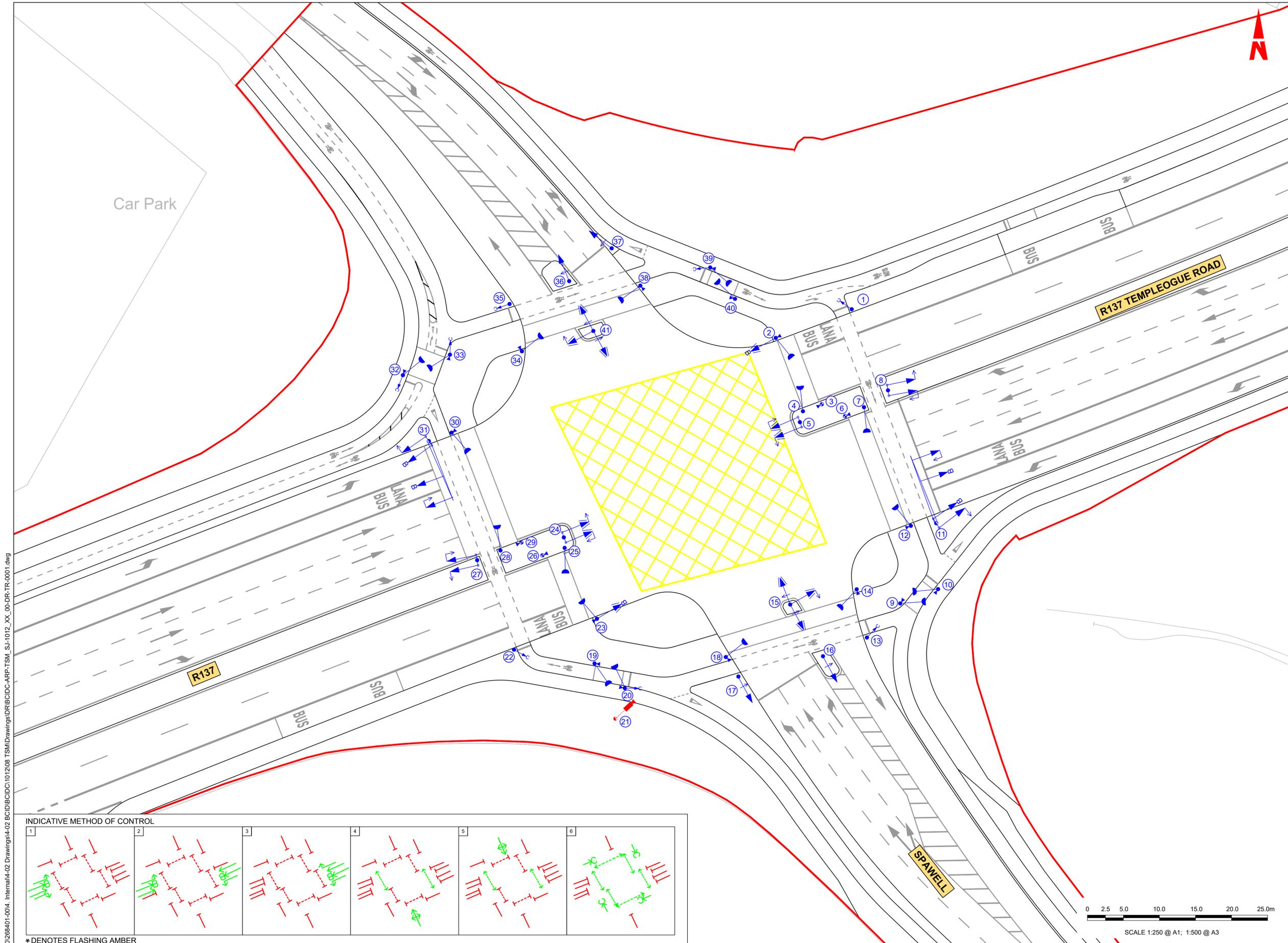
BUSCONNECTS DUBLIN
CORE BUS CORRIDORS INFRASTRUCTURE WORKS

Drawing Title

TEMPLEOGUE / RATHFARNHAM TO CITY CENTRE CORE BUS CORRIDOR SCHEME
JUNCTION SYSTEMS DESIGN
RICHMOND HILL / MOUNTPLEASANT AVENUE

Drawing File Name: BCIDC-ARP-TSM_SJ-1012_XX_00-DR-TR-0038
Sheet Number: 38 of 47
Status: A
Rev: M01

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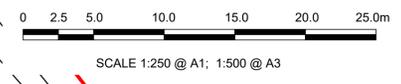
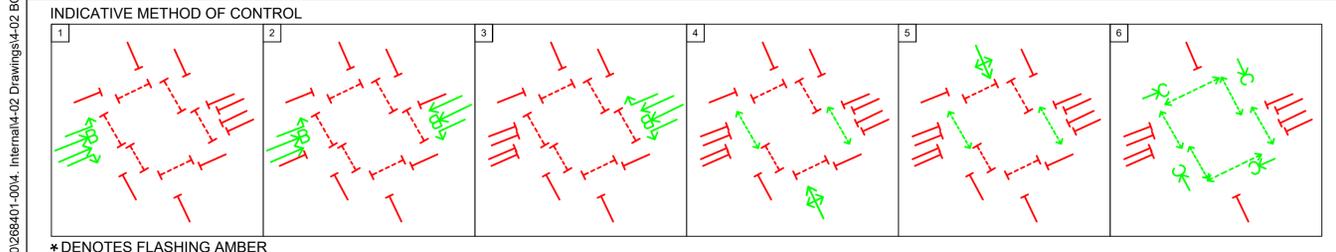
- RTS 001 PRIMARY
- RTS 001 SECONDARY
- RTS 003 (A) PRIMARY
- RTS 003 (A) SECONDARY
- RTS 002 (B) PRIMARY
- RTS 002 (B) SECONDARY
- RTS 002 (C) PRIMARY
- RTS 002 (C) SECONDARY
- RTS 002 (D) PRIMARY
- RTS 002 (D) SECONDARY
- RTS 007 (LOW LEVEL) PRIMARY
- RPC 004 PEDESTRIAN HEAD

TRAFFIC SIGNAL EQUIPMENT:

- PAN / TILT / ZOOM CCTV CAMERA
- TALL POLE (CCTV/TRAFFIC SIGNALS)
- MAST ARM (VARIABLE LENGTH)
- PUSH BUTTON UNIT
- POLE (STANDARD HEIGHT)
- SMALL POLE
- POLE NUMBER

GENERAL:

- SITE BOUNDARY LINE
- TEMPORARY LAND ACQUISITION



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Rev	Date	Drn	Chk'd	App'd	Description
M01	27/01/2023	GMcT	TM	DC	ISSUE FOR PHASE 4: PLANNING

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

Engineering Designer: **ARUP**

Date: 27/01/2023 | Scale: 1:250 @ A1, 1:500 @ A3

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

Drawn: GMcT | Checked: TM | Approved: DC

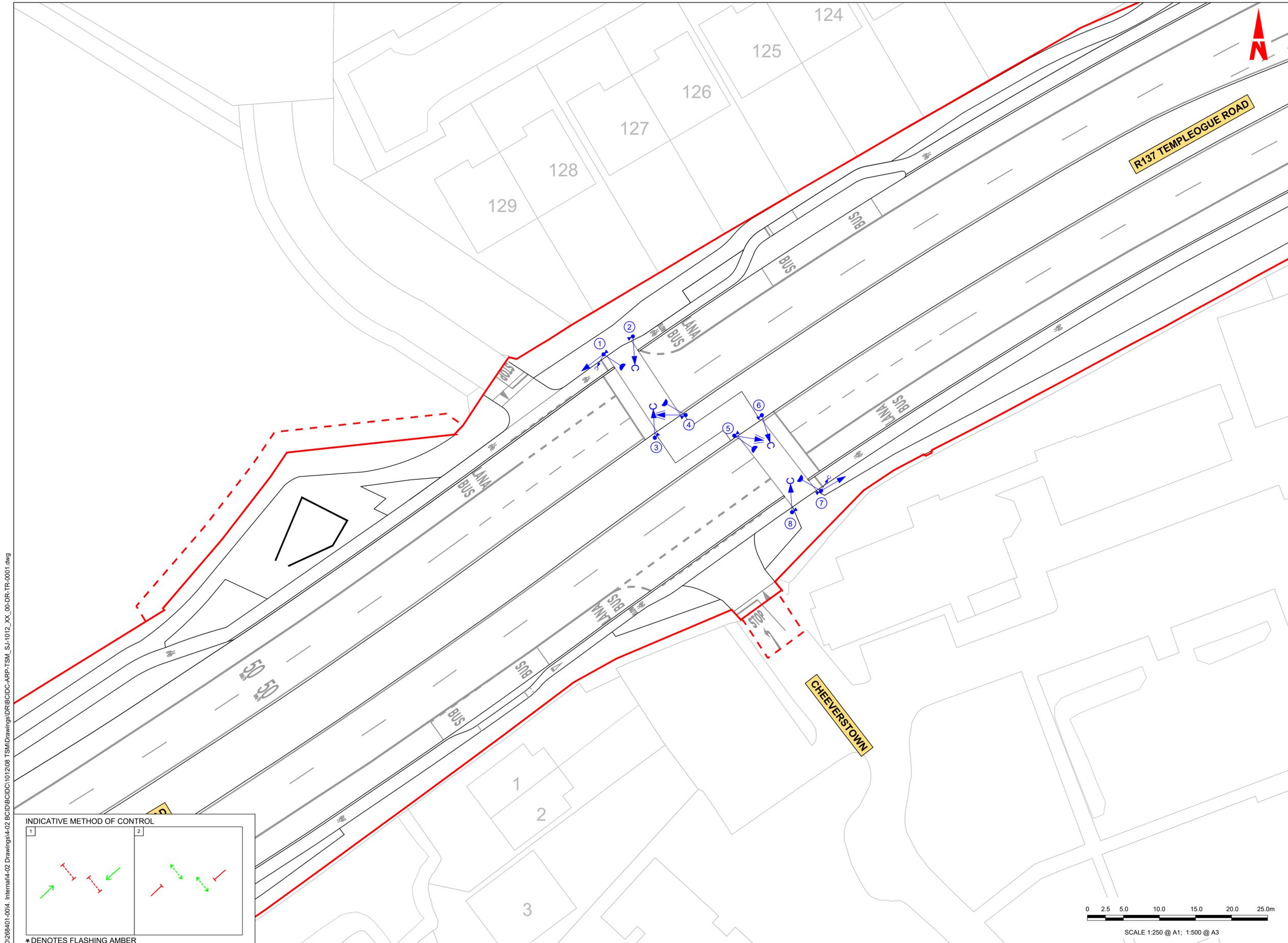
Programme Title: **BUSCONNECTS DUBLIN**
CORE BUS CORRIDORS INFRASTRUCTURE WORKS

Drawing Title: TEMPLEOGUE / RATHFARNHAM TO CITY CENTRE CORE BUS CORRIDOR SCHEME
JUNCTION SYSTEMS DESIGN
TEMPLEOGUE ROAD / WELLINGTON LANE JUNCTION

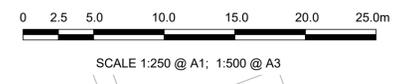
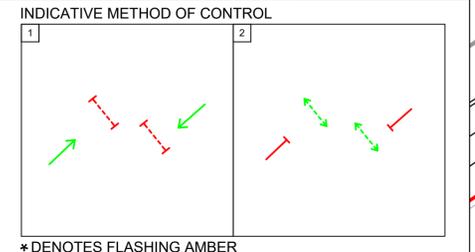
Drawing File Name: BCIDC-ARP-TSM_SJ-1012_XX_00-DR-TR-0039 | Sheet Number: 39 of 47 | Status: A | Rev: M01

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



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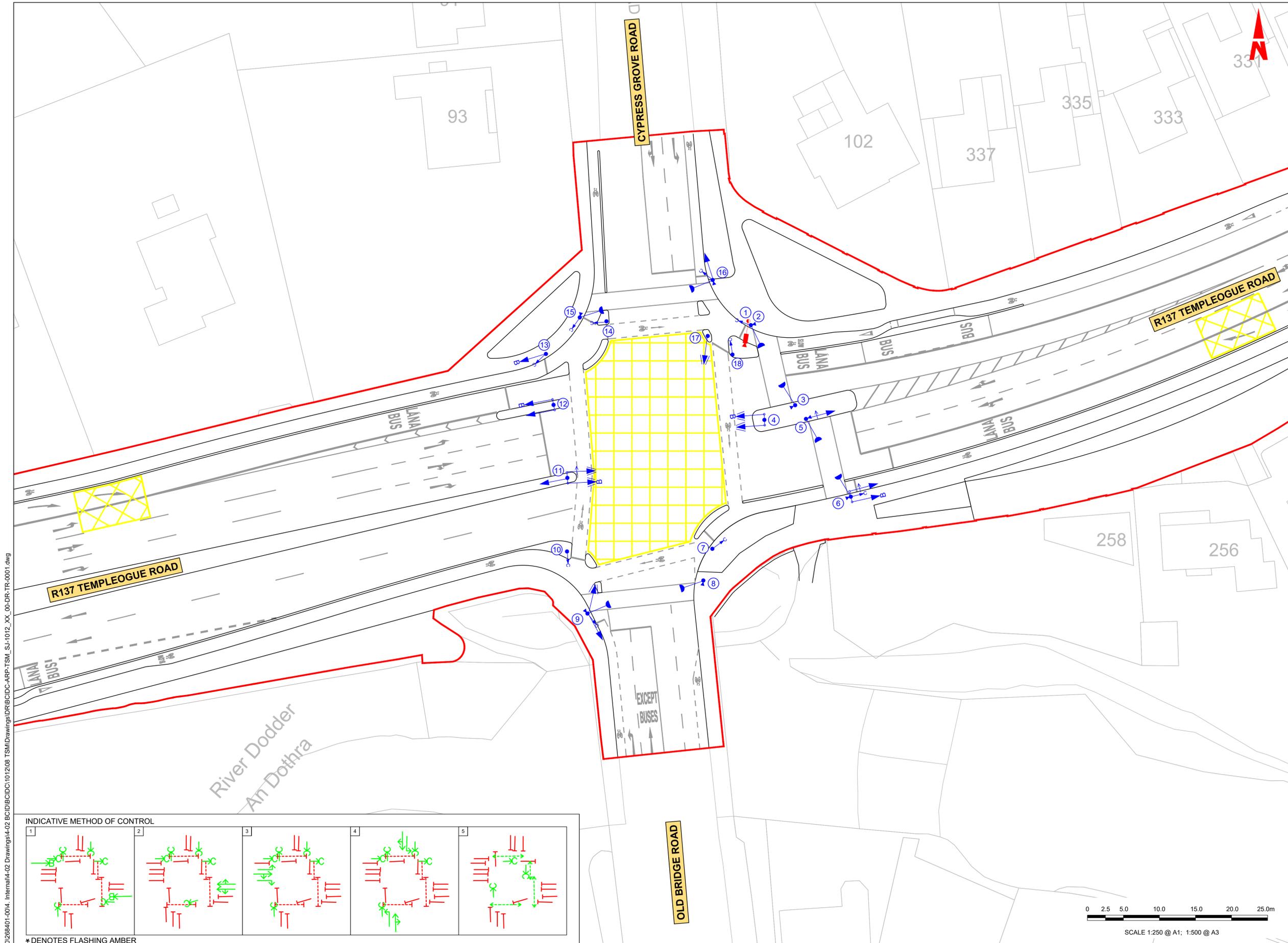
Rev	Date	Drn	Chk'd	App'd	Description
M01	27/01/2023	GMcT	TM	DC	ISSUE FOR PHASE 4: PLANNING

Client

Engineering Designer

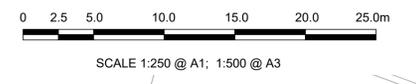
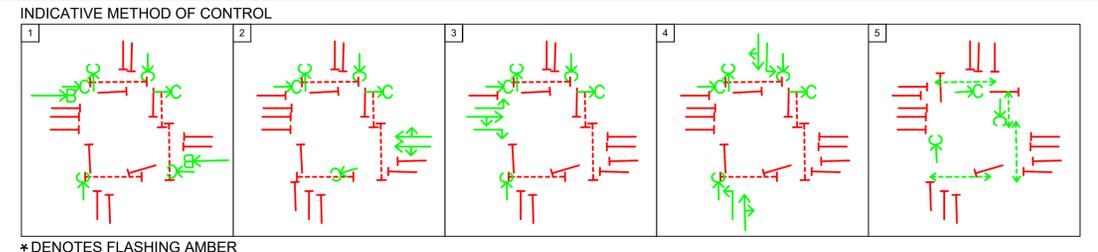
Programme Title		BUSCONNECTS DUBLIN		
		CORE BUS CORRIDORS INFRASTRUCTURE WORKS		
Drawing Title				
TEMPLEOGUE / RATHFARNHAM TO CITY CENTRE CORE BUS CORRIDOR SCHEME				
JUNCTION SYSTEMS DESIGN				
TEMPLEOGUE ROAD PEDESTRIAN CROSSING				
Drawing File Name	Sheet Number	Status	Rev	
BCIDC-ARP-TSM_SJ-1012_XX_00-DR-TR-0040	40 of 47	A	M01	

DO NOT SCALE USE FIGURED DIMENSIONS ONLY



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

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Rev	Date	Drn	Chk'd	App'd	Description
M01	27/01/2023	GMcT	TM	DC	ISSUE FOR PHASE 4: PLANNING

Client

NTA
Údarás Náisiúnta Iompair
National Transport Authority

Engineering Designer

ARUP

Date: 27/01/2023
Scale: 1:250 @ A1
1:500 @ A3

Drawn: GMcT
Checked: TM
Approved: DC

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

Programme Title

**BUSCONNECTS DUBLIN
CORE BUS CORRIDORS INFRASTRUCTURE WORKS**

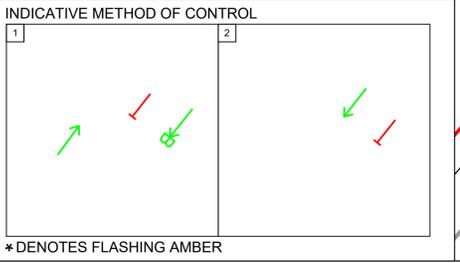
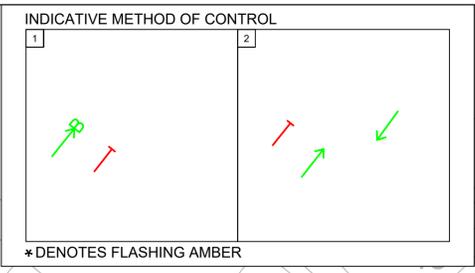
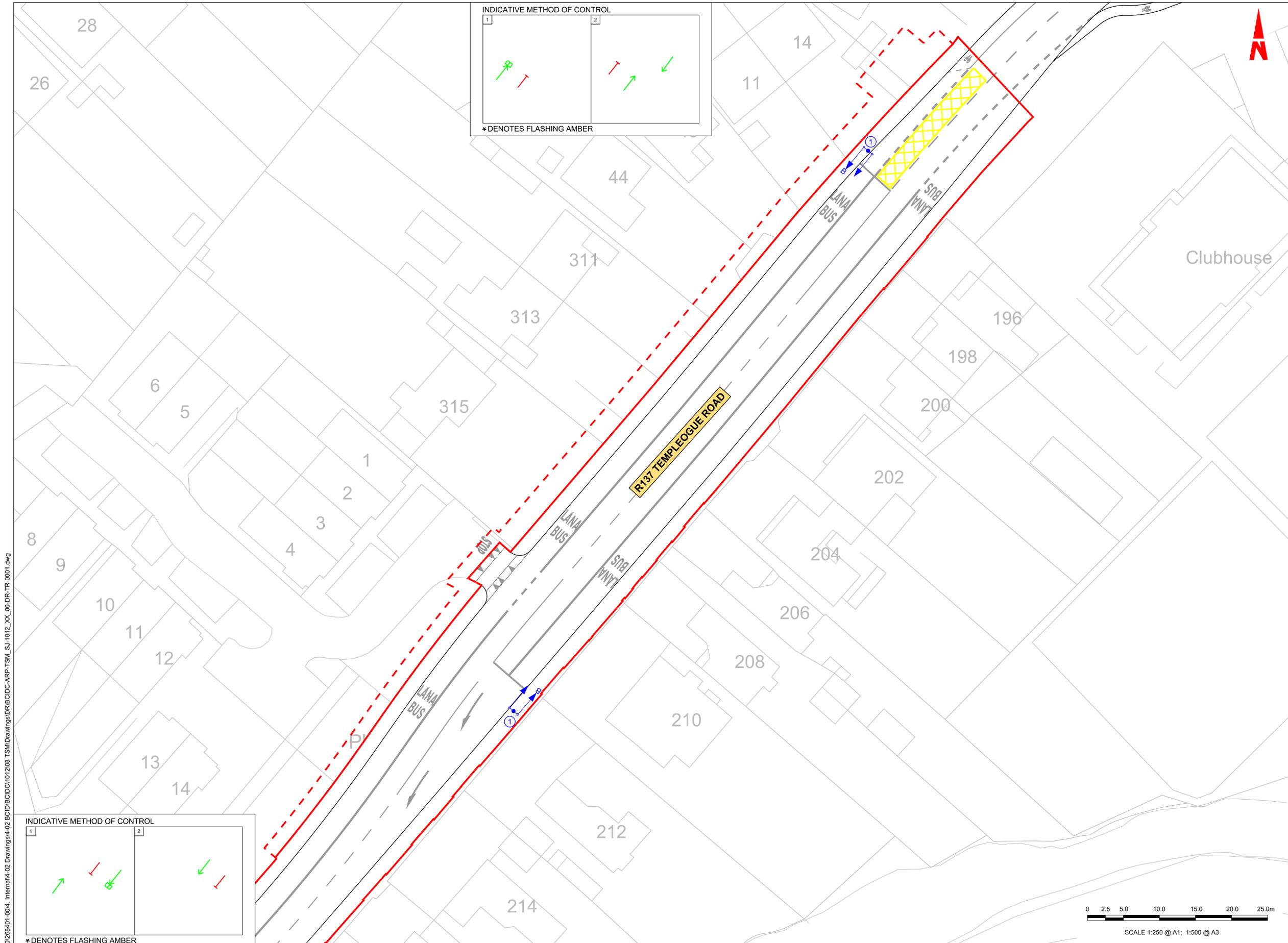
Drawing Title

TEMPLEOGUE / RATHFARNHAM TO CITY CENTRE CORE BUS CORRIDOR SCHEME
JUNCTION SYSTEMS DESIGN
TEMPLEOGUE ROAD / CYPRESS GROVE ROAD JUNCTION

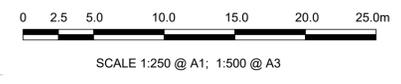
Drawing File Name: BCIDC-ARP-TSM_SJ-1012_XX_00-DR-TR-0041
Sheet Number: 41 of 47
Status: A
Rev: M01



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- TRAFFIC SIGNAL HEADS:
 - RTS 001 PRIMARY
 - RTS 002 (D) PRIMARY
 - TRAFFIC SIGNAL EQUIPMENT:
 - POLE (STANDARD HEIGHT)
 - POLE NUMBER
 - 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	27/01/2023	GMcT	TM	DC	ISSUE FOR PHASE 4: PLANNING

Client

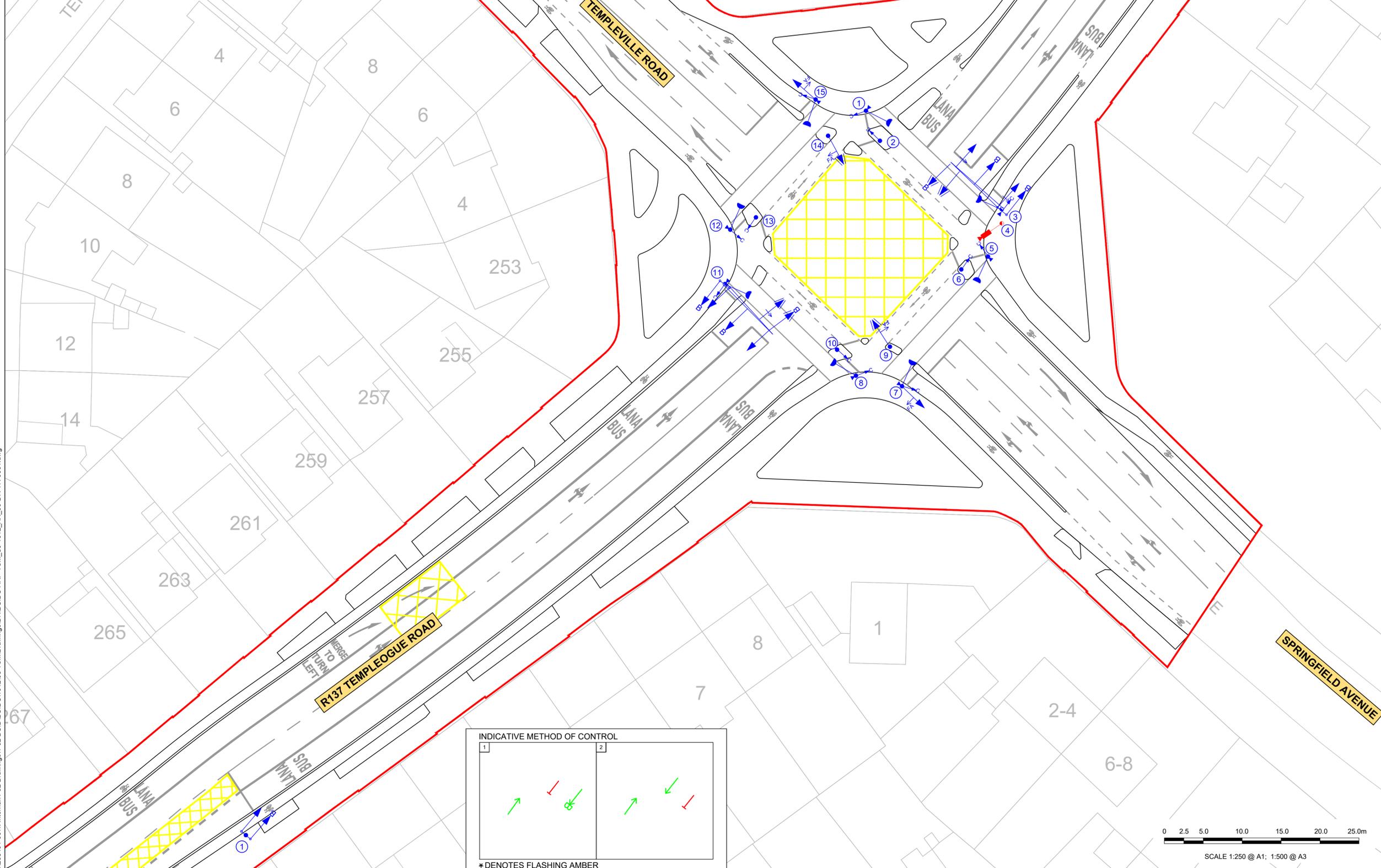
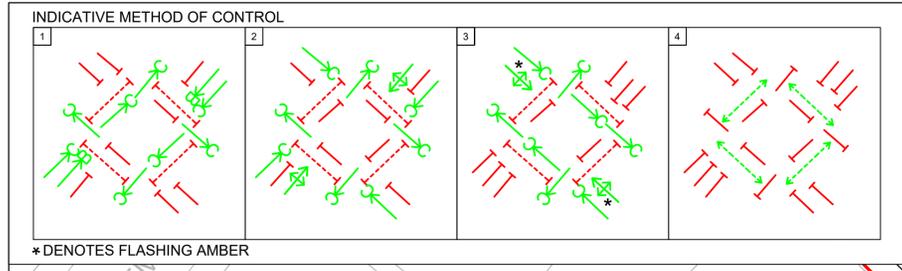
NTA
Udarás Náisiúnta Iompair
National Transport Authority

Engineering Designer

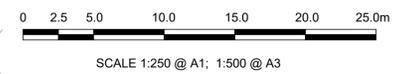
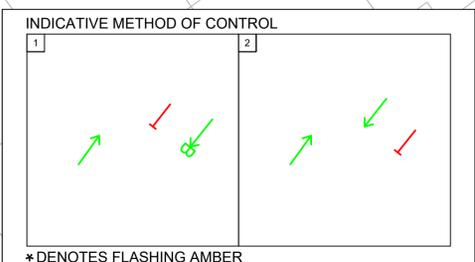
ARUP

Programme Title				BUSCONNECTS DUBLIN			
				CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title							
TEMPLEOGUE / RATHFARNHAM TO CITY CENTRE CORE BUS CORRIDOR SCHEME							
JUNCTION SYSTEMS DESIGN							
TEMPLEOGUE ROAD PEDESTRIAN CROSSING							
Drawing File Name				Sheet Number		Status	Rev
BCIDC-ARP-TSM_SJ-1012_XX_00-DR-TR-0042				42 of 47		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 (C) PRIMARY
 - RTS 003 (C) SECONDARY
 - RTS 004 PRIMARY
 - RTS 004 SECONDARY
 - RTS 007 (LOW LEVEL) PRIMARY
 - RPC 004 PEDESTRIAN HEAD
- TRAFFIC SIGNAL EQUIPMENT:**
- PAN / TILT / ZOOM CCTV CAMERA
 - TALL POLE (CCTV/TRAFFIC SIGNALS)
 - MAST ARM (VARIABLE LENGTH)
 - PUSH BUTTON UNIT
 - POLE (STANDARD HEIGHT)
 - POLE NUMBER
- GENERAL:**
- SITE BOUNDARY LINE
 - TEMPORARY LAND ACQUISITION



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Rev	Date	Drn	Chk'd	App'd	Description
M01	27/01/2023	GMcT	TM	DC	ISSUE FOR PHASE 4: PLANNING

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

Engineering Designer: **ARUP**

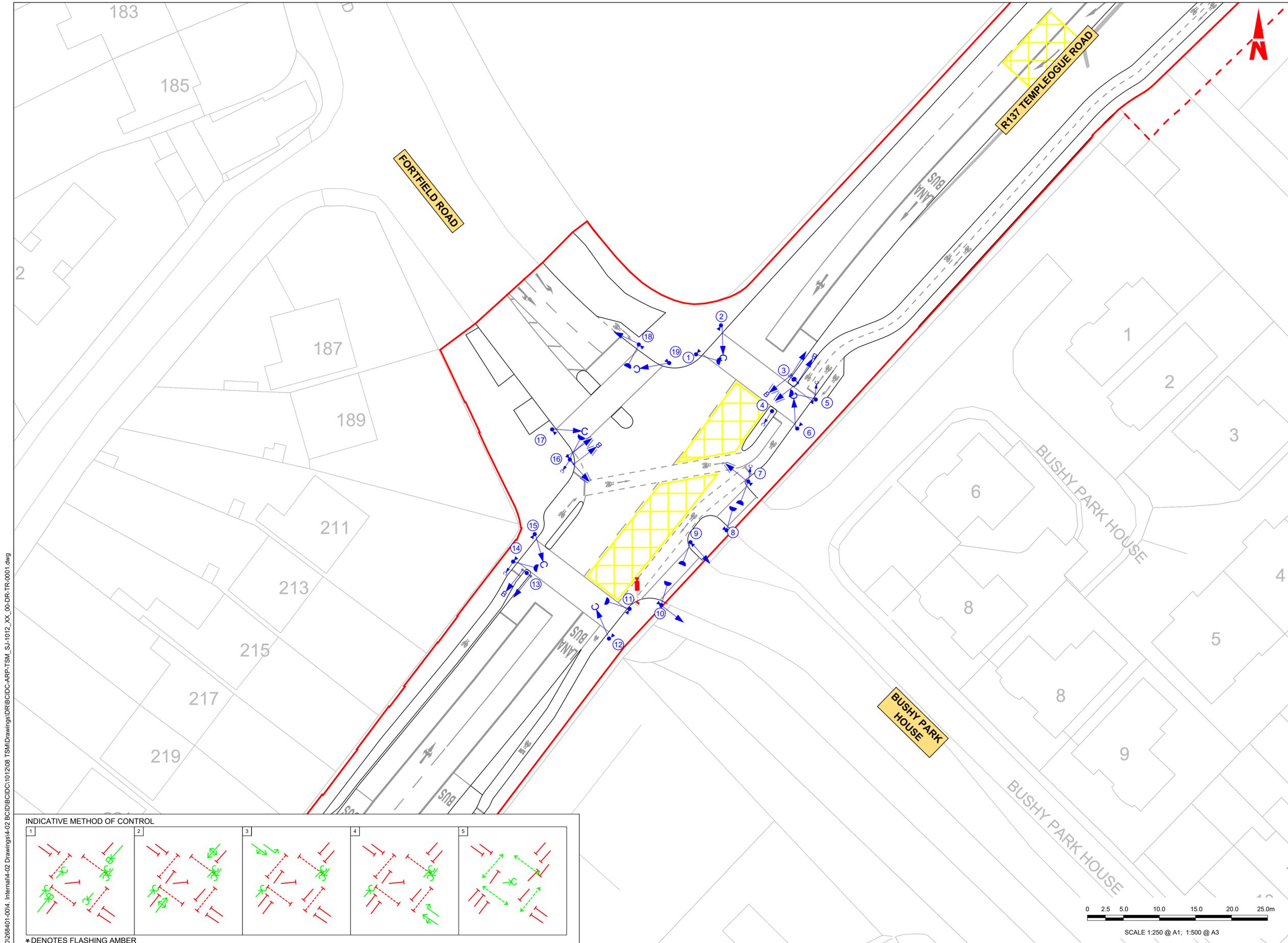
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Project Code: BCIDC | Originator Code: ARP | QMS Code: 268401-00

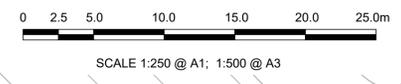
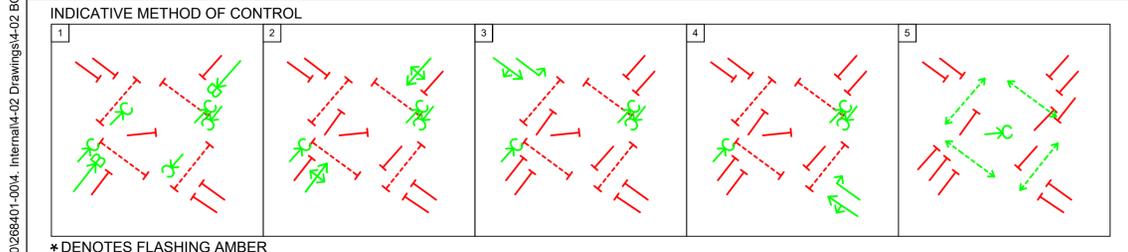
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Drawing Title: TEMPLEOGUE / RATHFARNHAM TO CITY CENTRE CORE BUS CORRIDOR SCHEME JUNCTION SYSTEMS DESIGN			
Drawing File Name: BCIDC-ARP-TSM_SJ-1012_XX_00-DR-TR-0043			
Sheet Number: 43 of 47	Status: A	Rev: M01	

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



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Rev	Date	Drn	Chk'd	App'd	Description
M01	27/01/2023	GMcT	TM	DC	ISSUE FOR PHASE 4: PLANNING

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

Engineering Designer: **ARUP**

Date: 27/01/2023 | Scale: 1:250 @ A1, 1:500 @ A3 | Drawn: GMcT | Checked: TM | Approved: DC

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

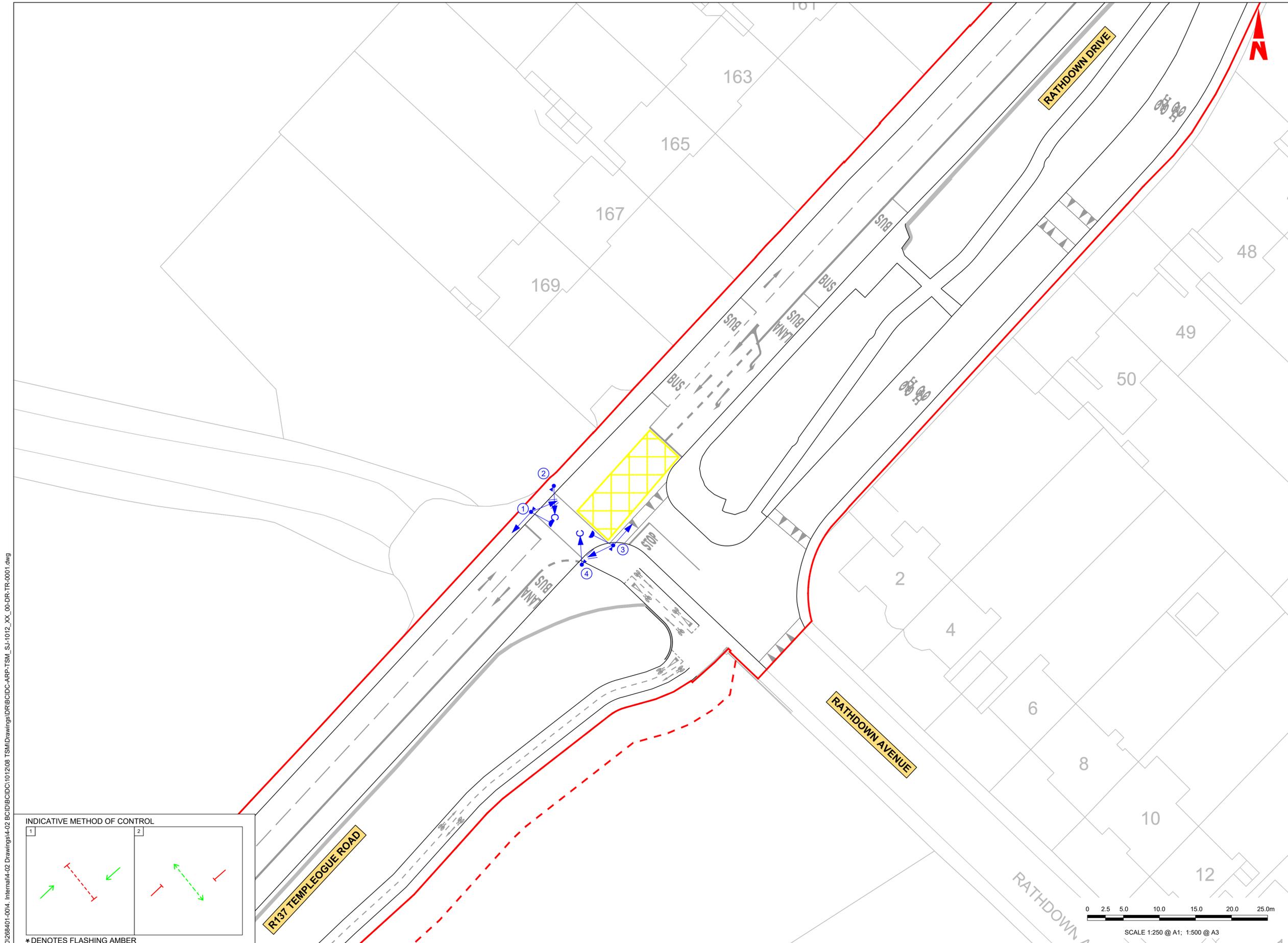
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Drawing Title: **TEMPLEOGUE / RATHFARNHAM TO CITY CENTRE CORE BUS CORRIDOR SCHEME JUNCTION SYSTEMS DESIGN TEMPLEOGUE ROAD / FORTFIELD ROAD JUNCTION**

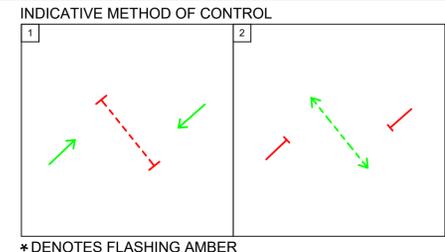
Drawing File Name: BCIDC-ARP-TSM_SJ-1012_XX_00-DR-TR-0044	Sheet Number: 44 of 47	Status: A	Rev: M01
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- LEGEND:**
- TRAFFIC SIGNAL HEADS:**
 - RTS 001 PRIMARY
 - RTS 001 SECONDARY
 - RTS 007 (HIGH LEVEL) PRIMARY
 - RPC 004 PEDESTRIAN HEAD
 - TRAFFIC SIGNAL EQUIPMENT:**
 - POLE (STANDARD HEIGHT)
 - PUSH BUTTON UNIT
 - POLE NUMBER
 - GENERAL:**
 - SITE BOUNDARY LINE
 - TEMPORARY LAND ACQUISITION



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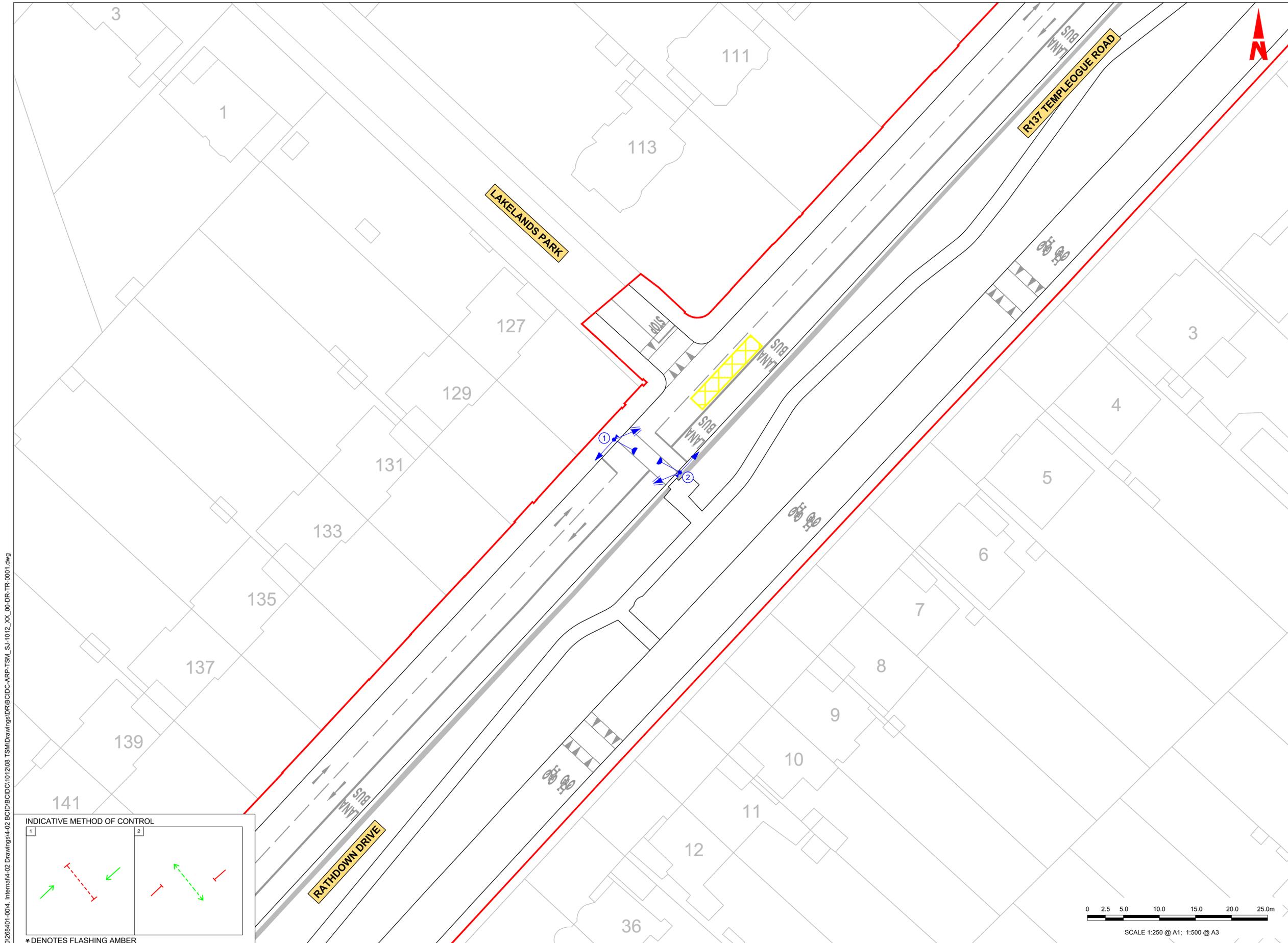
Rev	Date	Drn	Chk'd	App'd	Description
M01	27/01/2023	GMcT	TM	DC	ISSUE FOR PHASE 4: PLANNING

Client

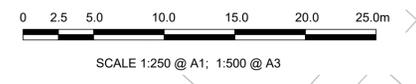
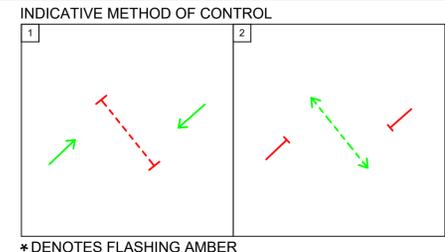
Engineering Designer

Programme Title		BUSCONNECTS DUBLIN		
		CORE BUS CORRIDORS INFRASTRUCTURE WORKS		
Drawing Title				
TEMPLEOGUE / RATHFARNHAM TO CITY CENTRE CORE BUS CORRIDOR SCHEME				
JUNCTION SYSTEMS DESIGN				
TEMPLEOGUE ROAD / RATHDOWN AVENUE JUNCTION				
Drawing File Name	Sheet Number	Status	Rev	
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- LEGEND:**
- TRAFFIC SIGNAL HEADS:**
 - RTS 001 PRIMARY
 - RTS 001 SECONDARY
 - RPC 004 PEDESTRIAN HEAD
 - TRAFFIC SIGNAL EQUIPMENT:**
 - POLE (STANDARD HEIGHT)
 - PUSH BUTTON UNIT
 - POLE NUMBER
 - GENERAL:**
 - SITE BOUNDARY LINE
 - TEMPORARY LAND ACQUISITION



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Building Ireland's Future

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Client

NTA
Údarás Náisiúnta Iompair
National Transport Authority

Engineering Designer

ARUP

Date	Scale	Drawn	Checked	Approved
27/01/2023	1:250 @ A1 1:500 @ A3	GMcT	TM	DC

Programme Title

**BUSCONNECTS DUBLIN
CORE BUS CORRIDORS INFRASTRUCTURE WORKS**

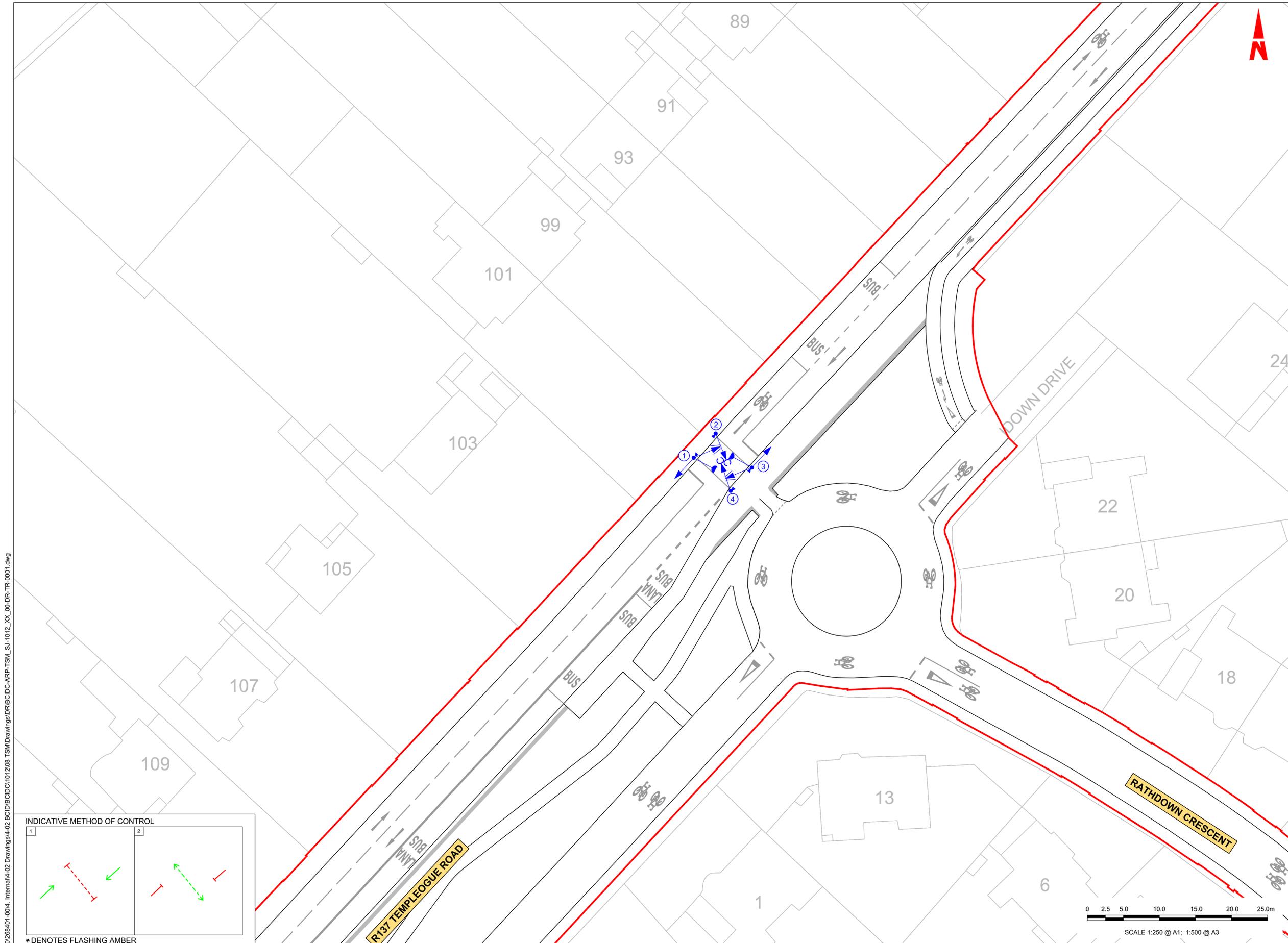
Drawing Title

TEMPLEOGUE / RATHFARNHAM TO CITY CENTRE CORE BUS CORRIDOR SCHEME
JUNCTION SYSTEMS DESIGN
TEMPLEOGUE ROAD PEDESTRIAN CROSSING

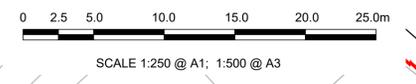
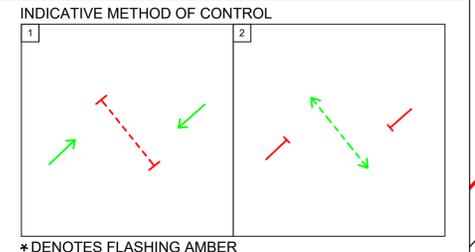
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BCIDC-ARP-TSM_SJ-1012_XX_00-DR-TR-0046	46 of 47	A	M01

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



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M01	27/01/2023	GMcT	TM	DC	ISSUE FOR PHASE 4: PLANNING

Client

Engineering Designer

Programme Title		BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS		
Drawing Title				
TEMPLEOGUE / RATHFARNHAM TO CITY CENTRE CORE BUS CORRIDOR SCHEME JUNCTION SYSTEMS DESIGN TEMPLEOGUE ROAD PEDESTRIAN CROSSING				
Drawing File Name	Sheet Number	Status	Rev	
BCIDC-ARP-TSM_SJ-1012_XX_00-DR-TR-0047	47 of 47	A	M01	

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