



Appendix B10
Junction Systems Design



BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS

KIMMAGE TO CITY CENTRE CORE BUS CORRIDOR SCHEME

JUNCTION SYSTEM DESIGN

DRAWING SERIES NUMBER(S)

- BCIDD-ROT-TSM_IX-0011_XX_00-DR-TR-0001
- BCIDD-ROT-TSM_KP-0011_XX_00-DR-TR-0001
- BCIDD-ROT-TSM_SJ-0011_XX_00-DR-TR-0001
- BCIDD-ROT-TSM_SJ-0011_XX_00-DR-TR-0002
- BCIDD-ROT-TSM_SJ-0011_XX_00-DR-TR-0003
- BCIDD-ROT-TSM_SJ-0011_XX_00-DR-TR-0004
- BCIDD-ROT-TSM_SJ-0011_XX_00-DR-TR-0005
- BCIDD-ROT-TSM_SJ-0011_XX_00-DR-TR-0006
- BCIDD-ROT-TSM_SJ-0011_XX_00-DR-TR-0007
- BCIDD-ROT-TSM_SJ-0011_XX_00-DR-TR-0008
- BCIDD-ROT-TSM_SJ-0011_XX_00-DR-TR-0009
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- BCIDD-ROT-TSM_SJ-0011_XX_00-DR-TR-0013
- BCIDD-ROT-TSM_SJ-0011_XX_00-DR-TR-0014
- BCIDD-ROT-TSM_SJ-0011_XX_00-DR-TR-0015
- BCIDD-ROT-TSM_SJ-0011_XX_00-DR-TR-0016

DRAWING SERIES DESCRIPTION

- KIMMAGE TO CITY CENTRE CORE BUS CORRIDOR SCHEME. JUNCTION SYSTEM DESIGN. COVER SHEET
- KIMMAGE TO CITY CENTRE CORE BUS CORRIDOR SCHEME. JUNCTION SYSTEM DESIGN. KEY PLAN
- KIMMAGE TO CITY CENTRE CORE BUS CORRIDOR SCHEME. SYSTEM DESIGN, KIMMAGE CROSS ROADS
- KIMMAGE TO CITY CENTRE CORE BUS CORRIDOR SCHEME, SYSTEM DESIGN, KRL PEDESTRIAN CROSSING
- KIMMAGE TO CITY CENTRE CORE BUS CORRIDOR SCHEME, SYSTEM DESIGN, RAVENSDALE PARK JUNCTION
- KIMMAGE TO CITY CENTRE CORE BUS CORRIDOR SCHEME, SYSTEM DESIGN, KIMMAGE RD LOWER CROSSING
- KIMMAGE TO CITY CENTRE CORE BUS CORRIDOR SCHEME, SYSTEM DESIGN, SUNDRIVE RD JUNCTION
- KIMMAGE TO CITY CENTRE CORE BUS CORRIDOR SCHEME, SYSTEM DESIGN, SUNDRIVE ROAD/BLARNEY PARK JUNCTION
- KIMMAGE TO CITY CENTRE CORE BUS CORRIDOR SCHEME, SYSTEM DESIGN, KIMMAGE ROAD COVER/MOUNT ARGUS VIEW JUNCTION
- KIMMAGE TO CITY CENTRE CORE BUS CORRIDOR SCHEME, SYSTEM DESIGN, PARKVIEW AVENUE/HANOLDS'S CROSS ROAD JUNCTION
- KIMMAGE TO CITY CENTRE CORE BUS CORRIDOR SCHEME, SYSTEM DESIGN, HAROLD'S CROSS ROAD JUNCTION
- KIMMAGE TO CITY CENTRE CORE BUS CORRIDOR SCHEME, SYSTEM DESIGN, HAROLDS CROSS ROAD CROSSING
- KIMMAGE TO CITY CENTRE CORE BUS CORRIDOR SCHEME, SYSTEM DESIGN, HAROLD'S CROSS ROAD/PARNELL ROAD JUNCTION
- KIMMAGE TO CITY CENTRE CORE BUS CORRIDOR SCHEME, SYSTEM DESIGN, CLANBRASSIT ST/SOUTH CIRCULAR RD JUNCTION
- KIMMAGE TO CITY CENTRE CORE BUS CORRIDOR SCHEME, SYSTEM DESIGN, CLANBRASSIL ST LOWER PEDESTRIAN CROSSING
- KIMMAGE TO CITY CENTRE CORE BUS CORRIDOR SCHEME, SYSTEM DESIGN, CLANBRASSIL STREET PEDESTRIAN CROSSING
- KIMMAGE TO CITY CENTRE CORE BUS CORRIDOR SCHEME, SYSTEM DESIGN, KEVIN ST UPPER JUNCTION
- KIMMAGE TO CITY CENTRE CORE BUS CORRIDOR SCHEME, SYSTEM DESIGN, KENILWORTH SQUARE

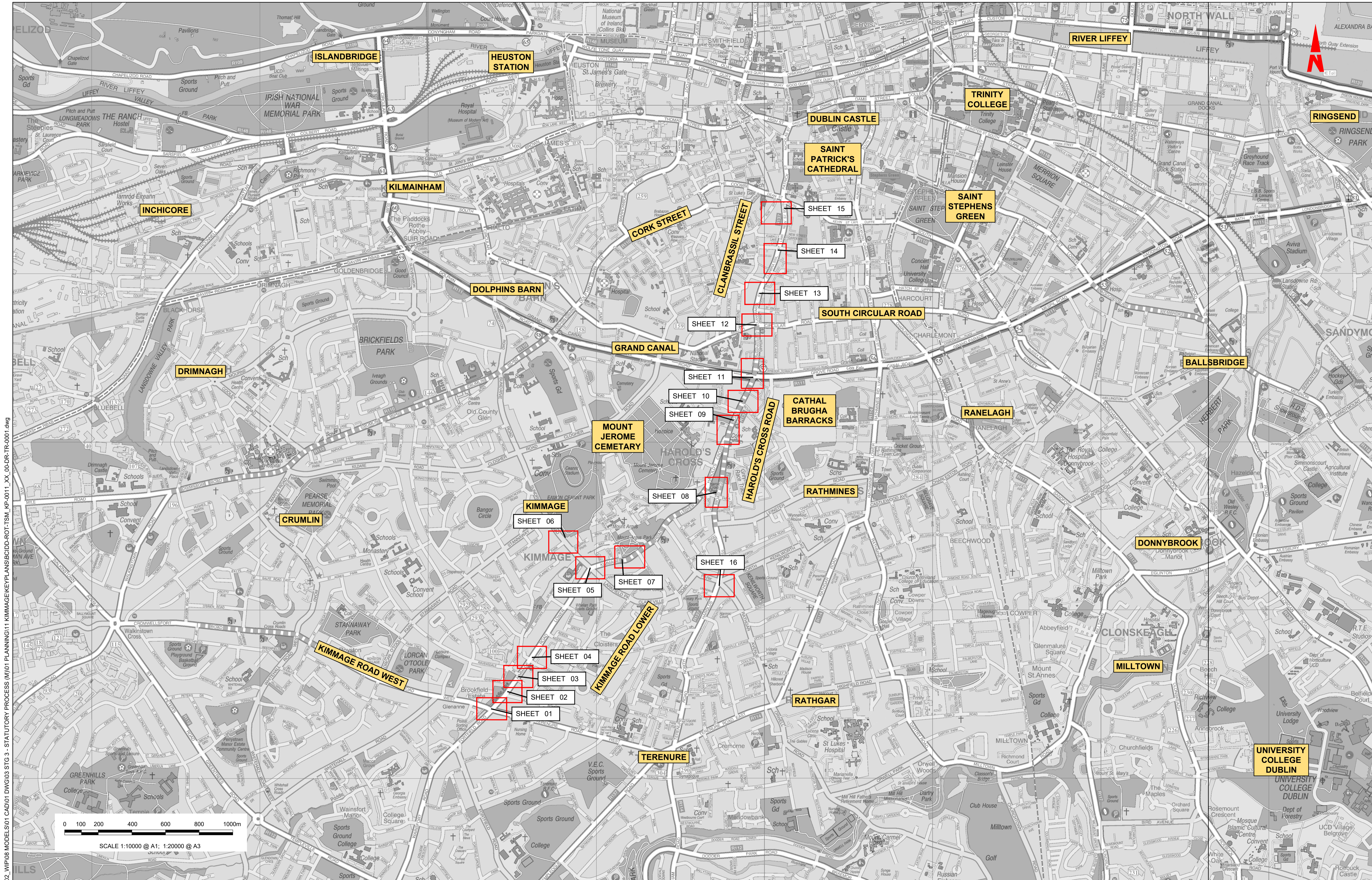
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Rev	Date	Drn	Chk'd	App'd	Description									
M01	FEB 2023	CG	SMG	SMG	ISSUE FOR PHASE 4: PLANNING									

<p>Client</p>	<p>Engineering Designer</p>	<p>Programme Title</p> <p>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</p>
<p>Date</p> <p>FEB 2023</p>	<p>Scale</p> <p>NTS @ A1 NTS @ A3</p>	<p>Drawing File Name</p> <p>BCIDD-ROT-TSM_IX-0011_XX_00-DR-TR-0001</p>
<p>Programme Code</p> <p>BCIDD</p>	<p>Originator Code</p> <p>ROT</p>	<p>Sheet Number</p> <p>01 of 0</p>
<p>QMS Code</p>	<p>Checked</p> <p>SMG</p>	<p>Status</p> <p>A</p>
<p>Approved</p> <p>SMG</p>	<p>Rev</p> <p>M01</p>	

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<p>Approved</p> <p>SMG</p>	<p>Rev</p> <p>M01</p>	

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M01	FEB 2023	DA	SMG	SMG	ISSUE FOR PHASE 4 : PLANNING

Client
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 Údarás Náisiúnta Iompair
 National Transport Authority

Engineering Designer
CIROD
 TYPSA

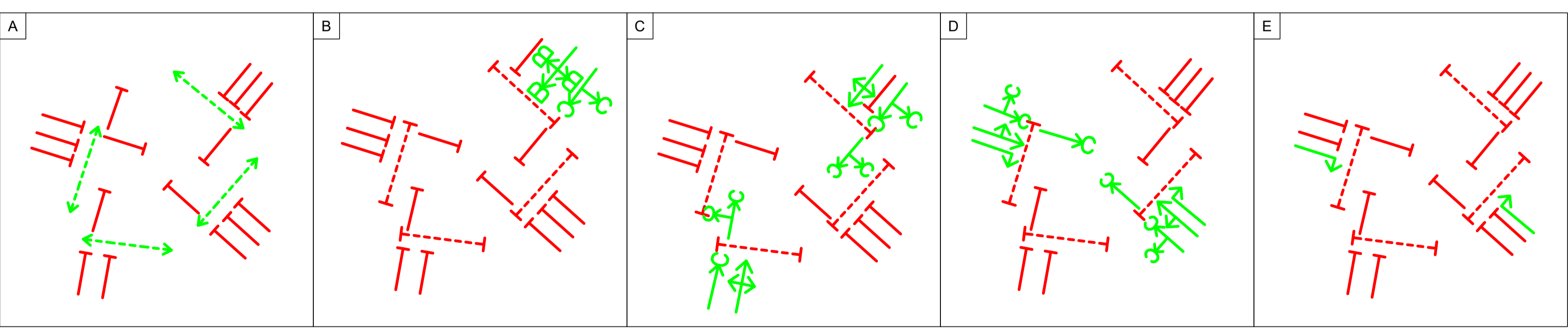
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Drawing File Name	Sheet Number	Status	Rev
BCIDD-ROT-TSM_KP-0011_XX_00-DR-TR-0001	01 of 01	A	M01

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- TRAFFIC SIGNAL HEADS:**
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 - RTS 001 SECONDARY
 - RTS 002 PRIMARY
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 - RTS 007 (LOW LEVEL) PRIMARY
 - RTS 007? PRIMARY
 - RTS 007? PRIMARY
 - RPC 004 PEDESTRIAN HEAD
- TRAFFIC SIGNAL EQUIPMENT:**
- POLE (STANDARD HEIGHT)
 - 2m TRAFFIC SIGNAL POLE
 - TALL POLE (CCTV/TRAFFIC SIGNALS)
 - POLE NUMBER
 - PUSH BUTTON UNIT
 - PAN / TILT / ZOOM CCTV CAMERA
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National Transport Authority

Engineering Designer: **CIROD**
TYPSA

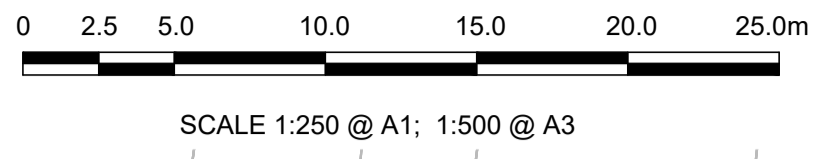
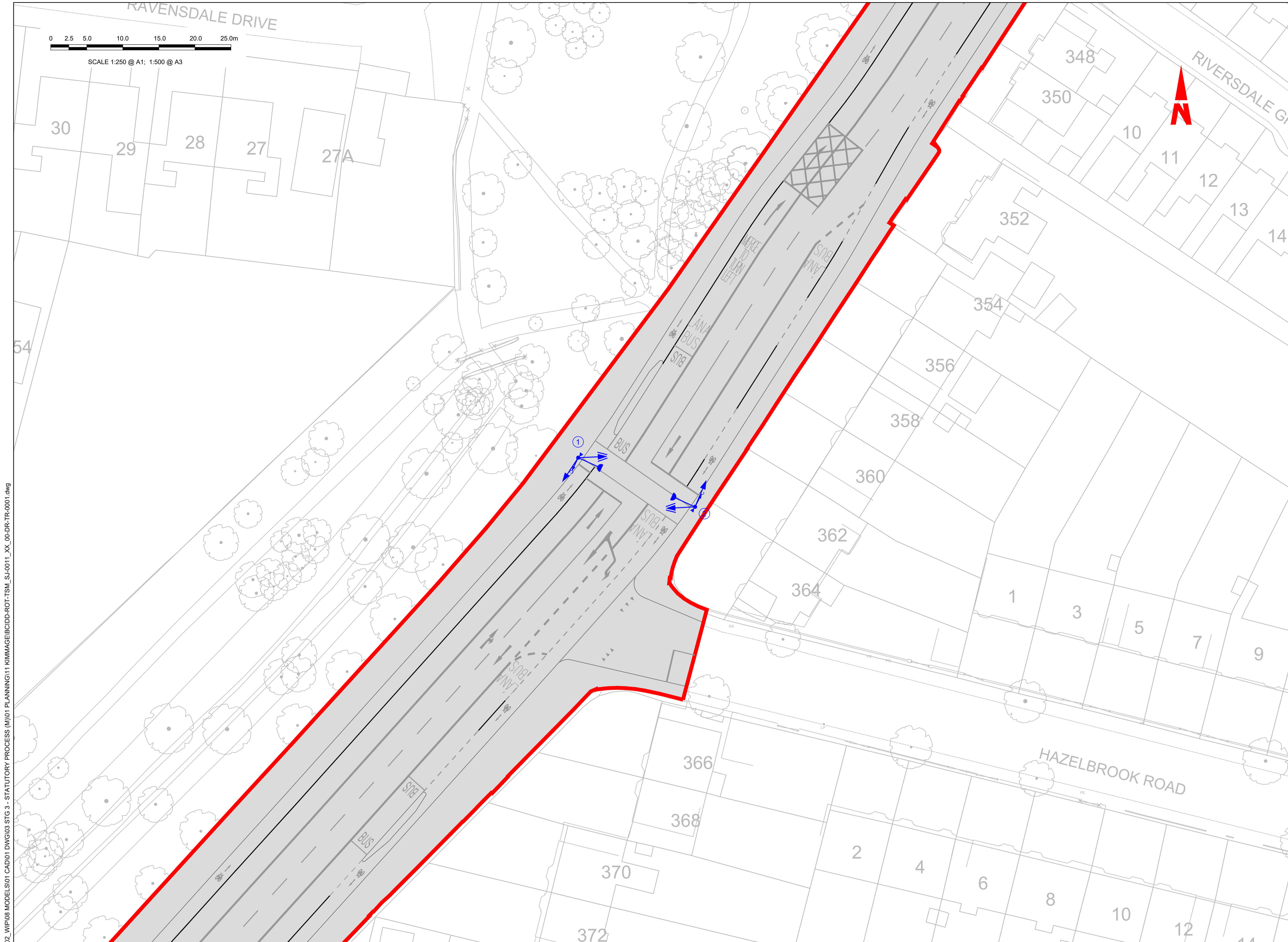
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Drawn: AG
Checked: SMG
Approved: SMG

Programme Code: BCIDD
Originator Code: ROT
QMS Code:

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Drawing Title: KIMMAGE TO CITY CENTRE CORE BUS CORRIDOR SCHEME SYSTEM DESIGN KIMMAGE CROSS ROADS			
Drawing File Name: BCIDD-ROT-TSM_SJ-0011_XX_00-DR-TR-0001	Sheet Number: 01 of 16	Status: A	Rev: M01

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- GENERAL:**
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M01	FEB 2023	AG	SMG	SMG	ISSUED FOR PHASE 4: PLANNING

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

Engineering Designer: **CIROD**
TYPSA

Date: FEB 2023
Scale: 1:250 @ A1
1:500 @ A3

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Originator Code: ROT

Drawn: AG
Checked: SMG
Approved: SMG

QMS Code

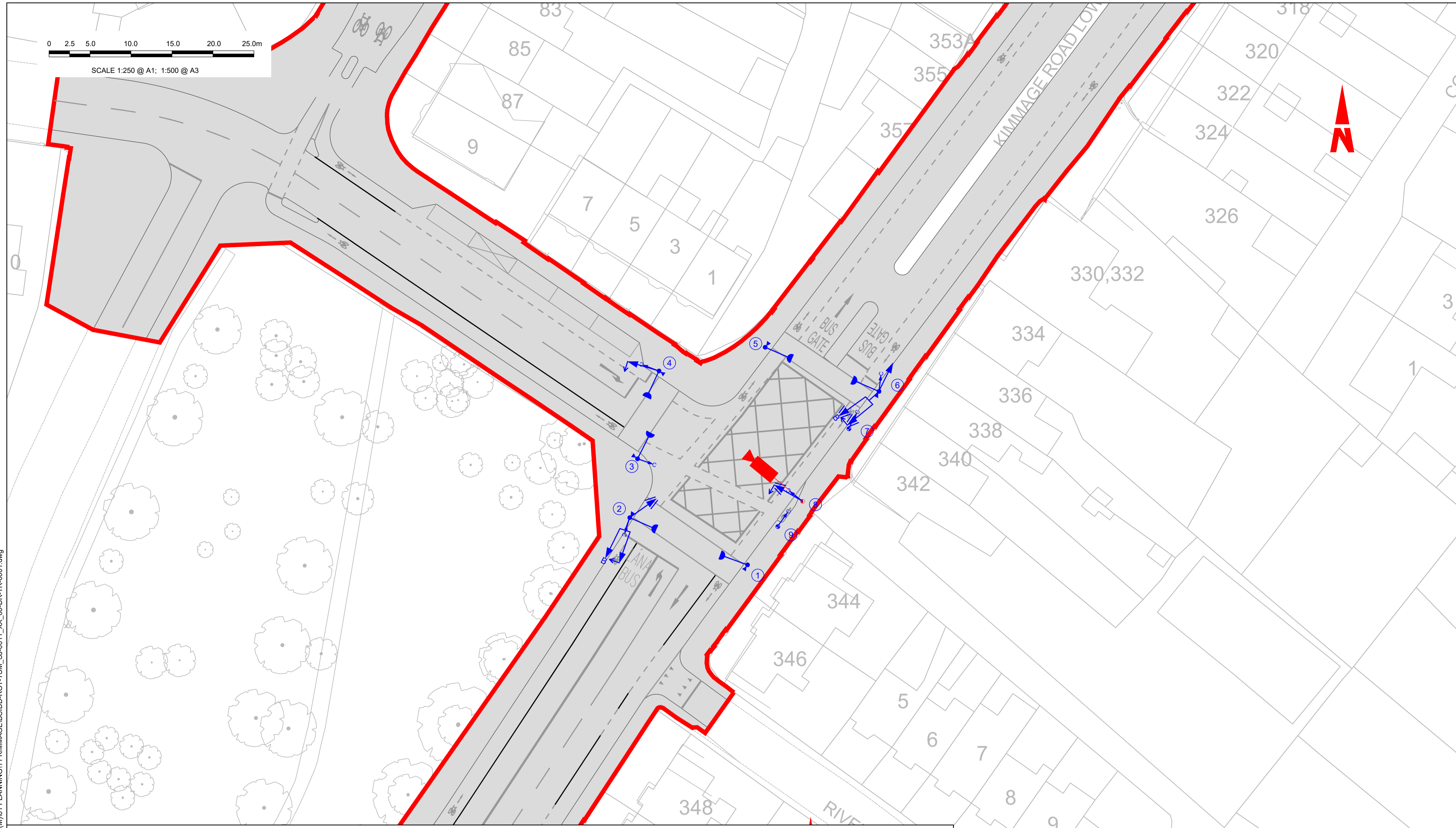
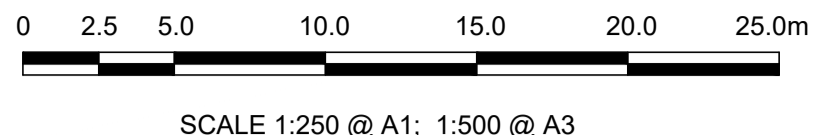
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CORE BUS CORRIDORS INFRASTRUCTURE WORKS

Drawing Title: KIMMAGE TO CITY CENTRE CORE BUS CORRIDOR SCHEME
SYSTEM DESIGN
KRL PEDESTRIAN CROSSING

Drawing File Name: BCIDD-ROT-TSM_SJ-0011_XX_00-DR-TR-0002
Sheet Number: 02 of 16
Status: A
Rev: M01

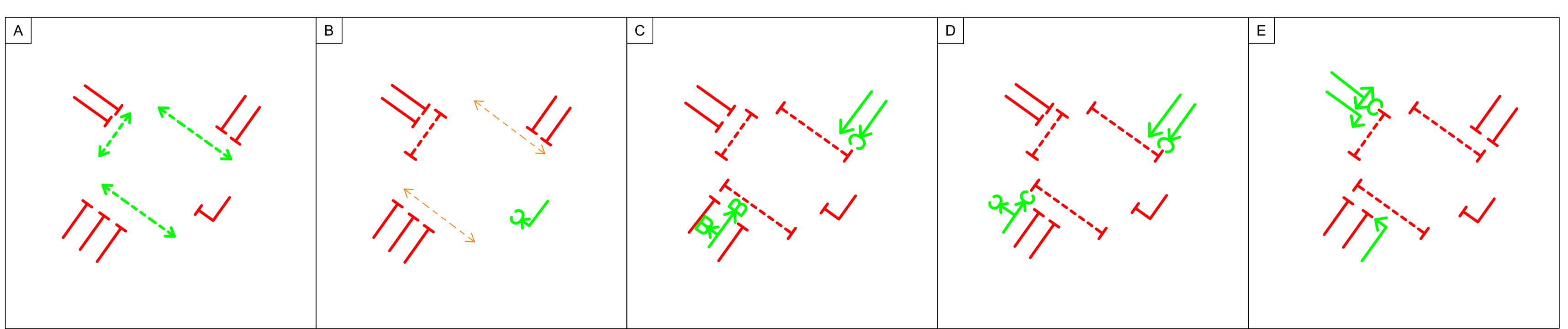


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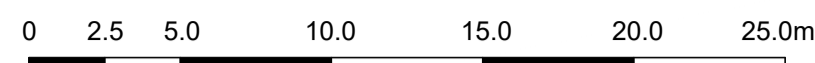
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Drawing Title: KIMMAGE TO CITY CENTRE CORE BUS CORRIDOR SCHEME SYSTEM DESIGN RAVENSDALE PARK JUNCTION			
Drawing File Name: BCIDD-ROT-TSM_SJ-0011_XX_00-DR-TR-0003	Sheet Number: 03 of 16	Status: A	Rev: M01

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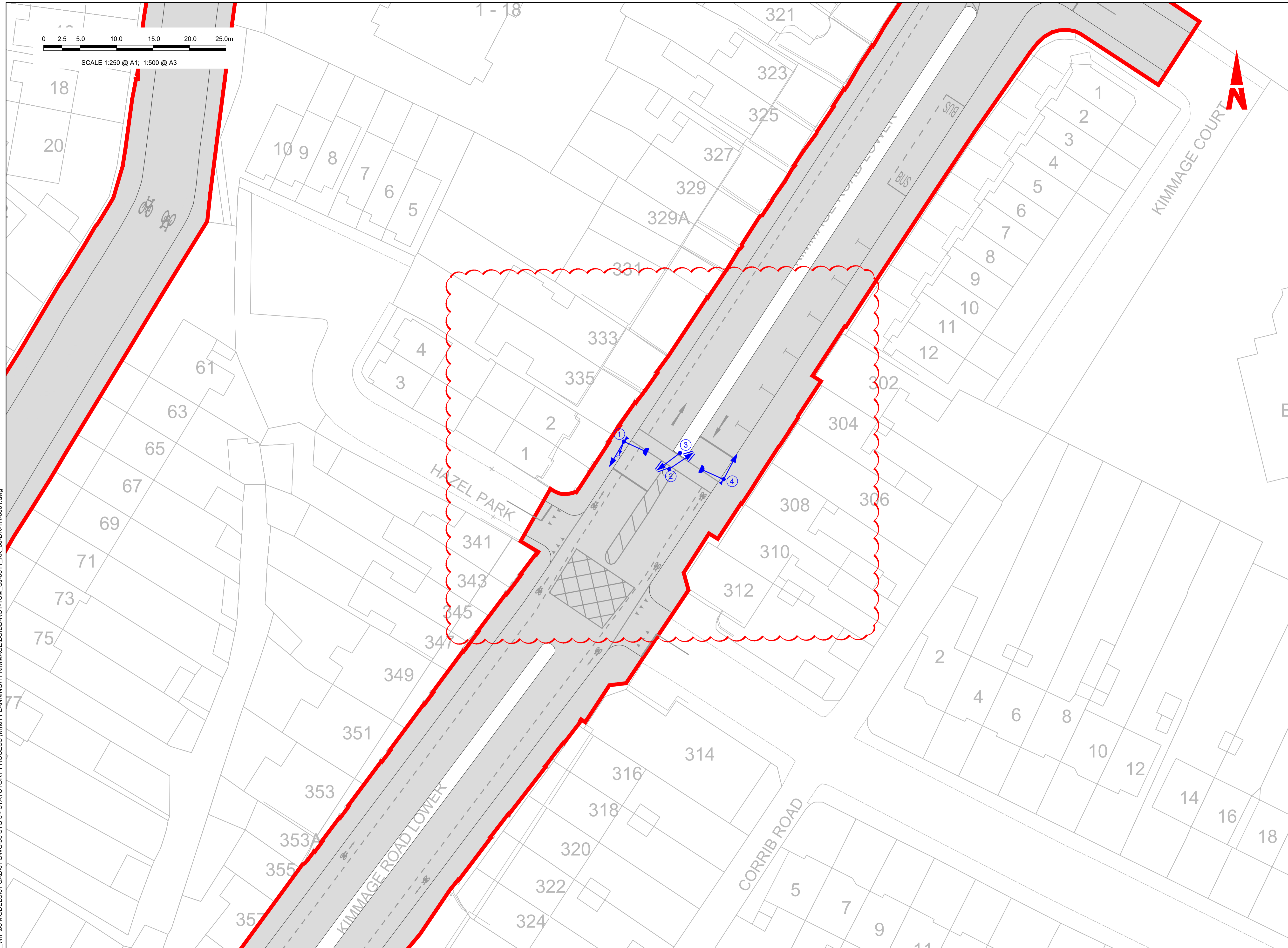
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Rev	Date	Drn	Chk'd	App'd	Description
M01	FEB 2023	AG	SMG	SMG	ISSUED FOR PHASE 4: PLANNING

Client

Engineering Designer

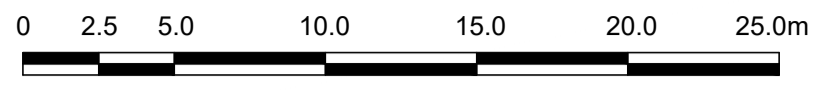
Date FEB 2023 **Scale** 1:250 @ A1
1:500 @ A3 **Drawn** AG **Checked** SMG **Approved** SMG

Programme Code BCIDD **Originator Code** ROT **QMS Code**

Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title KIMMAGE TO CITY CENTRE CORE BUS CORRIDOR SCHEME SYSTEM DESIGN KIMMAGE RD LOWER CROSSING			
Drawing File Name BCIDD-ROT-TSM_SJ-0011_XX_00-DR-TR-0004	Sheet Number 04 of 16	Status A	Rev M01



DO NOT SCALE USE FIGURED DIMENSIONS ONLY



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

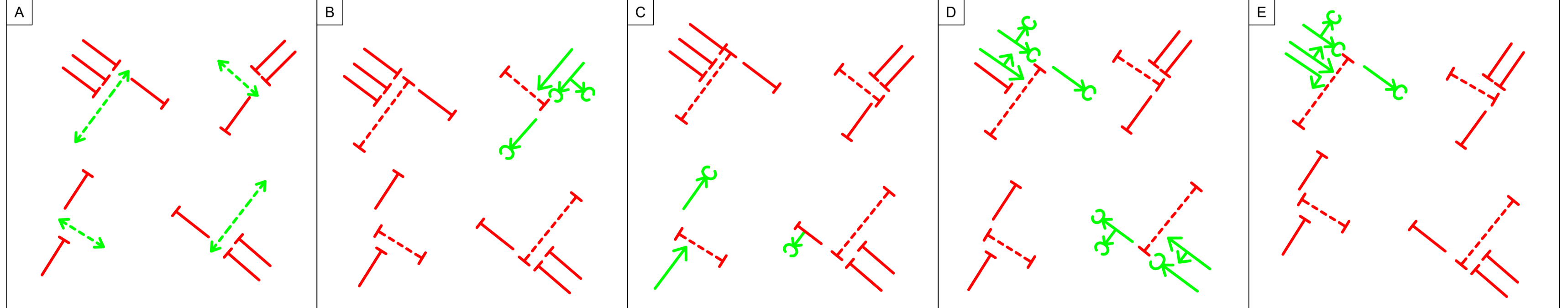


- LEGEND:**
- TRAFFIC SIGNAL HEADS:**
 - RTS 001 PRIMARY
 - RTS 001 SECONDARY
 - RTS 002 PRIMARY
 - RTS 002 SECONDARY
 - RTS 002 PRIMARY
 - RTS 002 SECONDARY
 - RTS 002 PRIMARY
 - RTS 002 SECONDARY
 - RTS 002 PRIMARY
 - RTS 002 SECONDARY
 - RTS 003 PRIMARY
 - RTS 003 SECONDARY
 - RTS 003 PRIMARY
 - RTS 003 SECONDARY
 - RTS 003 PRIMARY
 - RTS 003 SECONDARY
 - RTS 007 (LOW LEVEL) PRIMARY
 - RTS 007? PRIMARY
 - RTS 007? PRIMARY
 - RPC 004 PEDESTRIAN HEAD
 - TRAFFIC SIGNAL EQUIPMENT:**
 - POLE (STANDARD HEIGHT)
 - 2m TRAFFIC SIGNAL POLE
 - TALL POLE (CCTV/TRAFFIC SIGNALS)
 - POLE NUMBER
 - PUSH BUTTON UNIT
 - PAN / TILT / ZOOM CCTV CAMERA
 - GENERAL:**
 - SITE BOUNDARY LINE
 - TEMPORARY LAND ACQUISITION



METHOD OF CONTROL

* denotes Flashing Amber



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Rev	Date	Dwn	Chk'd	App'd	Description
M01	FEB 2023	AG	SMG	SMG	ISSUED FOR PHASE 4: PLANNING

Client
NTA
 Údarás Náisiúnta Iompair
 National Transport Authority

Engineering Designer
FIROD
 TYPISA

Programme Title
BUSCONNECTS DUBLIN
CORE BUS CORRIDORS INFRASTRUCTURE WORKS

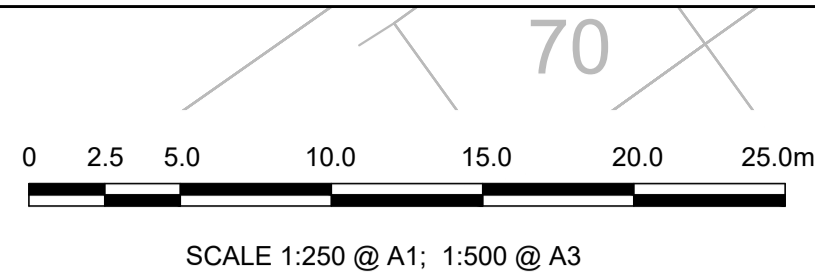
Drawing Title
 KIMMAGE TO CITY CENTRE CORE BUS CORRIDOR SCHEME
 SYSTEM DESIGN
 SUNDRIVE RD JUNCTION

Date: FEB 2023 | Scale: 1:250 @ A1, 1:500 @ A3 | Drawn: AG | Checked: SMG | Approved: SMG

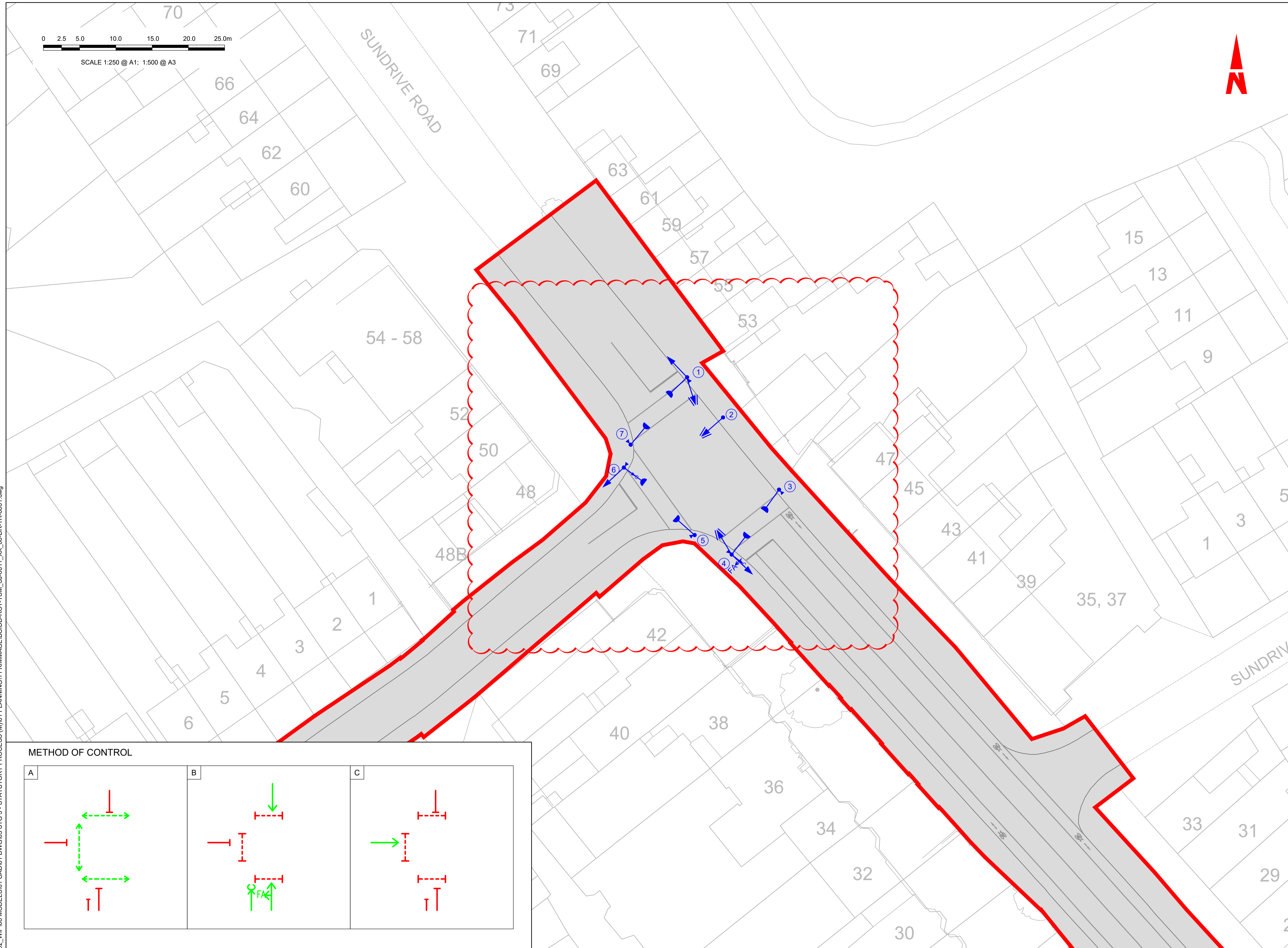
Programme Code: BCIDD | Originator Code: ROT | QMS Code: [blank]

Drawing File Name: BCIDD-ROT-TSM_SJ-0011_XX_00-DR-TR-0005 | Sheet Number: 05 of 16 | Status: A | Rev: M01

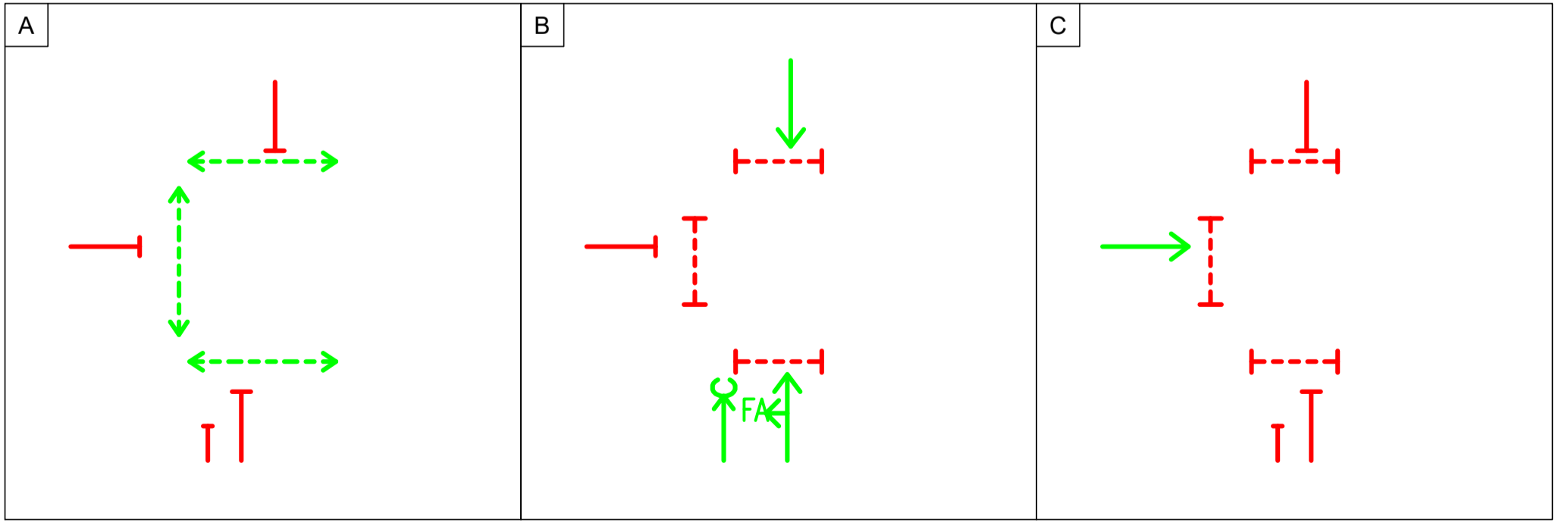
\\produbp1\j\2019\1917\1917-02_WIP\08 MODELS\01 CAD\01 DWG\03 STG 3 - STATUTORY PROCESS (M)\01 PLANNING\11 KIMMAGE\BCIDD-ROT-TSM_SJ-0011_XX_00-DR-TR-0001.dwg



- LEGEND:**
- TRAFFIC SIGNAL HEADS:**
- RTS 001 PRIMARY
 - RTS 001 SECONDARY
 - RTS 002 PRIMARY
 - RTS 002 SECONDARY
 - RTS 002 PRIMARY
 - RTS 002 SECONDARY
 - RTS 002 PRIMARY
 - RTS 002 SECONDARY
 - RTS 002 PRIMARY
 - RTS 002 SECONDARY
 - RTS 002 PRIMARY
 - RTS 002 SECONDARY
 - RTS 003 PRIMARY
 - RTS 003 SECONDARY
 - RTS 003 PRIMARY
 - RTS 003 SECONDARY
 - RTS 003 PRIMARY
 - RTS 003 SECONDARY
 - RTS 007 (LOW LEVEL) PRIMARY
 - RTS 007? PRIMARY
 - RTS 007? PRIMARY
 - RPC 004 PEDESTRIAN HEAD
- TRAFFIC SIGNAL EQUIPMENT:**
- POLE (STANDARD HEIGHT)
 - 2m TRAFFIC SIGNAL POLE
 - TALL POLE (CCTV/TRAFFIC SIGNALS)
 - POLE NUMBER
 - PUSH BUTTON UNIT
 - PAN / TILT / ZOOM CCTV CAMERA
- GENERAL:**
- SITE BOUNDARY LINE
 - TEMPORARY LAND ACQUISITION



METHOD OF CONTROL



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Rev	Date	Drn	Chk'd	App'd	Description
M01	FEB 2023	AG	SMG	SMG	ISSUED FOR PHASE 4: PLANNING

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

Engineering Designer: **CIROD**
TYPSA

Date: FEB 2023
Scale: 1:250 @ A1
1:500 @ A3

Drawn: AG
Checked: SMG
Approved: SMG

Programme Code: BCIDD
Originator Code: ROT
QMS Code:

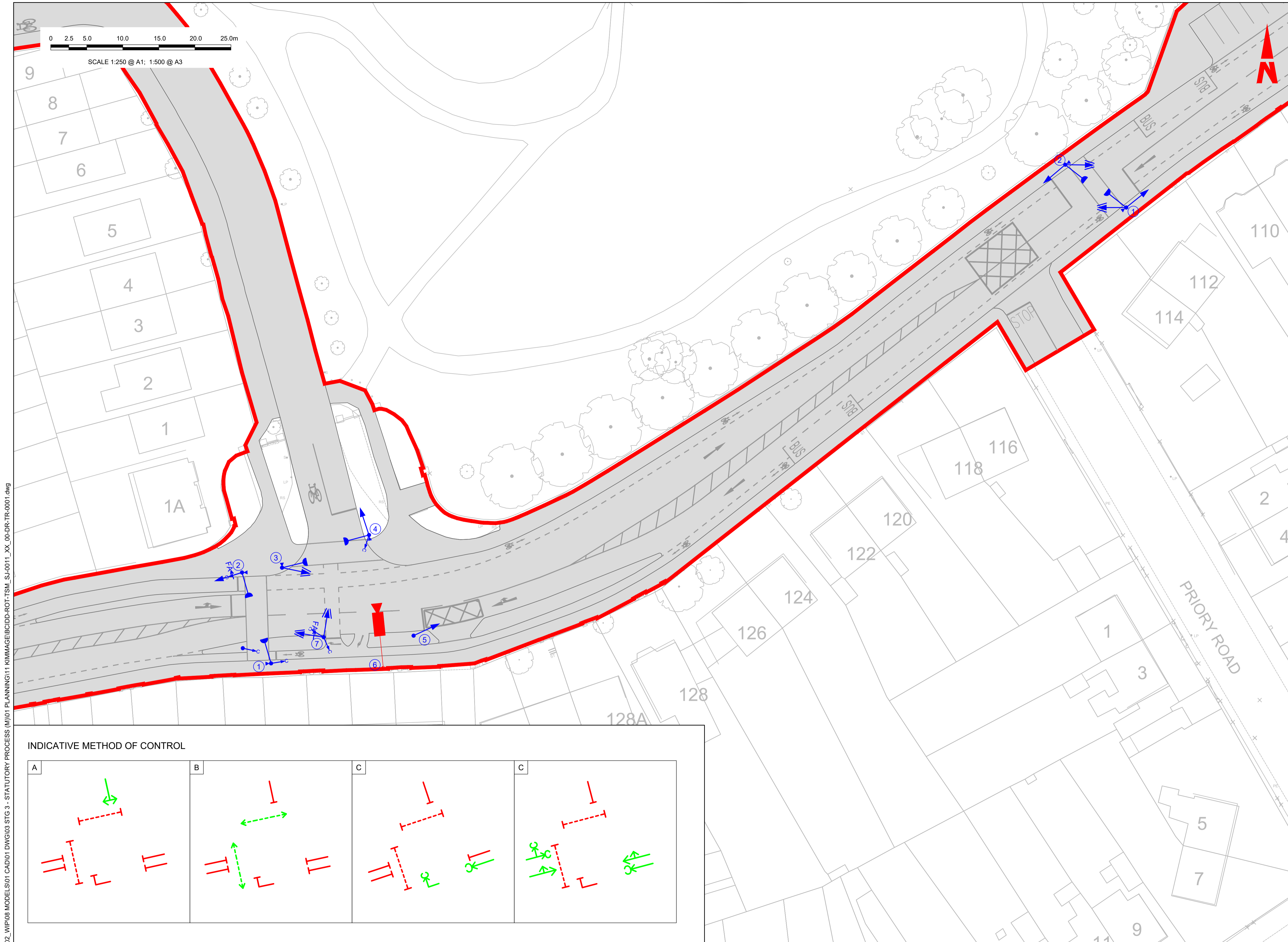
Programme Title: **BUSCONNECTS DUBLIN**
CORE BUS CORRIDORS INFRASTRUCTURE WORKS

Drawing Title: KIMMAGE TO CITY CENTRE CORE BUS CORRIDOR SCHEME
SYSTEM DESIGN
SUNDRIVE ROAD/BLARNEY PARK JUNCTION

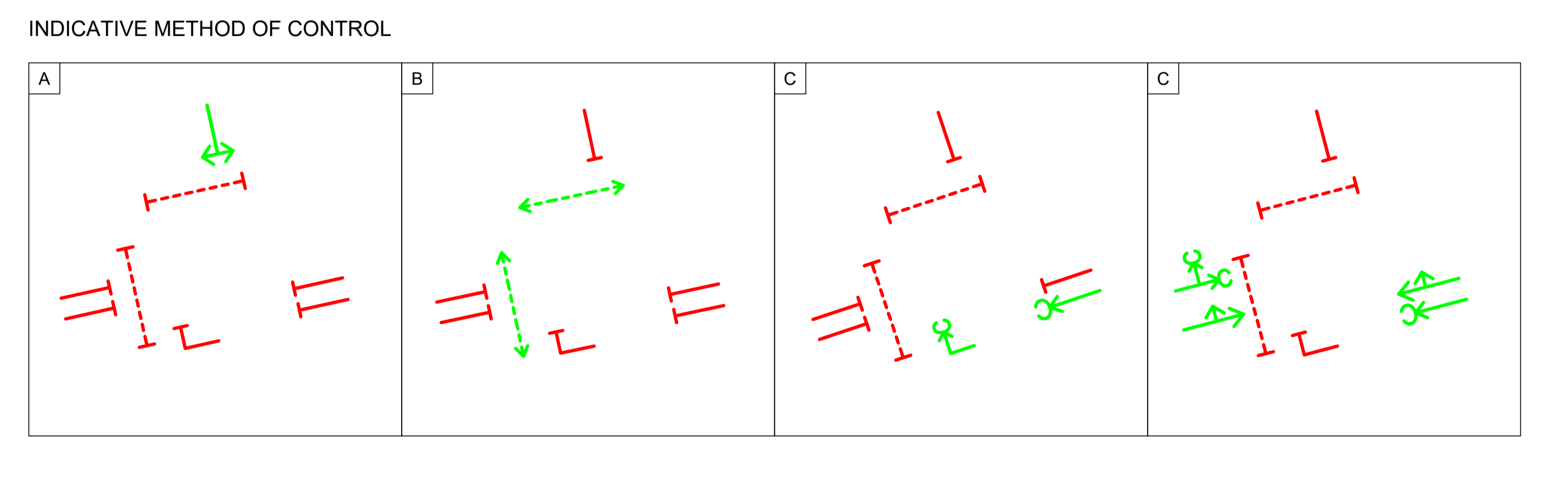
Drawing File Name: BCIDD-ROT-TSM_SJ-0011_XX_00-DR-TR-0006
Sheet Number: 06 of 16
Status: A
Rev: M01

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- LEGEND:**
- TRAFFIC SIGNAL HEADS:**
- RTS 001 PRIMARY
 - RTS 001 SECONDARY
 - RTS 002 PRIMARY
 - RTS 002 SECONDARY
 - RTS 002 PRIMARY
 - RTS 002 SECONDARY
 - RTS 002 PRIMARY
 - RTS 002 SECONDARY
 - RTS 002 PRIMARY
 - RTS 002 SECONDARY
 - RTS 002 PRIMARY
 - RTS 002 SECONDARY
 - RTS 003 PRIMARY
 - RTS 003 SECONDARY
 - RTS 003 PRIMARY
 - RTS 003 SECONDARY
 - RTS 003 PRIMARY
 - RTS 003 SECONDARY
 - RTS 007 (LOW LEVEL) PRIMARY
 - RTS 007? PRIMARY
 - RTS 007? PRIMARY
 - RPC 004 PEDESTRIAN HEAD
- TRAFFIC SIGNAL EQUIPMENT:**
- POLE (STANDARD HEIGHT)
 - 2m TRAFFIC SIGNAL POLE
 - TALL POLE (CCTV/TRAFFIC SIGNALS)
 - POLE NUMBER
 - PUSH BUTTON UNIT
 - PAN / TILT / ZOOM CCTV CAMERA
- GENERAL:**
- SITE BOUNDARY LINE
 - TEMPORARY LAND ACQUISITION



\\nodubp1u20191917119117-02_WIP008 MODELS01 CAD01 DWG003 STG 3 - STATUTORY PROCESS (M)01 PLANNING11 KIMMAGE/BCIDD-ROT-TSM_SJ-0011_XX_00-DR-TR-0001.dwg

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Rev	Date	Dwn	Chk'd	App'd	Description
M01	FEB 2023	AG	SMG	SMG	ISSUED FOR PHASE 4: PLANNING

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

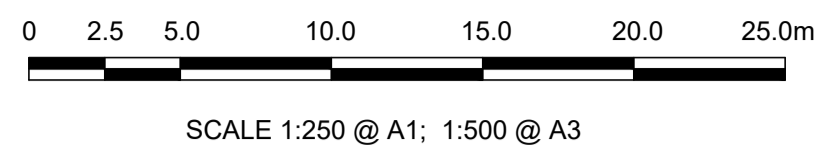
Engineering Designer: **FIROD**
 TYPISA

Date: FEB 2023
 Scale: 1:250 @ A1, 1:500 @ A3
 Drawn: AG, Checked: SMG, Approved: SMG

Programme Code: BCIDD, Originator Code: ROT, QMS Code:

Programme Title: BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title: KIMMAGE TO CITY CENTRE CORE BUS CORRIDOR SCHEME SYSTEM DESIGN KIMMAGE ROAD COVER/MOUNT ARGUS VIEW JUNCTION			
Drawing File Name: BCIDD-ROT-TSM_SJ-0011_XX_00-DR-TR-0007	Sheet Number: 07 of 16	Status: A	Rev: M01

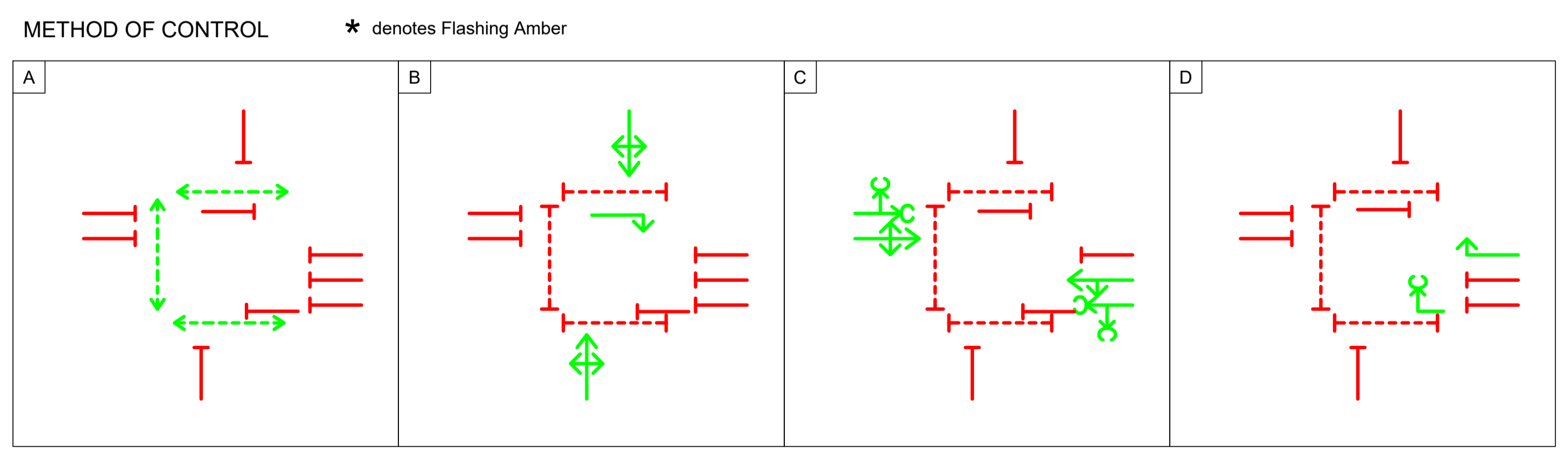
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SHAMROCK VILLAS

HAROLDS CROSS

- LEGEND:**
- TRAFFIC SIGNAL HEADS:**
 - RTS 001 PRIMARY
 - RTS 001 SECONDARY
 - RTS 002 PRIMARY
 - RTS 002 SECONDARY
 - RTS 002 PRIMARY
 - RTS 002 SECONDARY
 - RTS 002 PRIMARY
 - RTS 002 SECONDARY
 - RTS 002 PRIMARY
 - RTS 002 SECONDARY
 - RTS 003 PRIMARY
 - RTS 003 SECONDARY
 - RTS 003 PRIMARY
 - RTS 003 SECONDARY
 - RTS 003 PRIMARY
 - RTS 003 SECONDARY
 - RTS 007 (LOW LEVEL) PRIMARY
 - RTS 007? PRIMARY
 - RTS 007? PRIMARY
 - RPC 004 PEDESTRIAN HEAD
 - TRAFFIC SIGNAL EQUIPMENT:**
 - POLE (STANDARD HEIGHT)
 - 2m TRAFFIC SIGNAL POLE
 - 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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Rev	Date	Drm	Chk'd	App'd	Description
M01	FEB 2023	AG	SMG	SMG	ISSUED FOR PHASE 4: PLANNING

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

Engineering Designer: **CIROD**
TYPSA

Date: FEB 2023
Scale: 1:250 @ A1
1:500 @ A3

Drawn: AG
Checked: SMG
Approved: SMG

Programme Code: BCIDD
Originator Code: ROT
QMS Code:

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

Drawing Title: KIMMAGE TO CITY CENTRE CORE BUS CORRIDOR SCHEME
SYSTEM DESIGN
PARKVIEW AVENUE/HANOLD'S CROSS ROAD JUNCTION

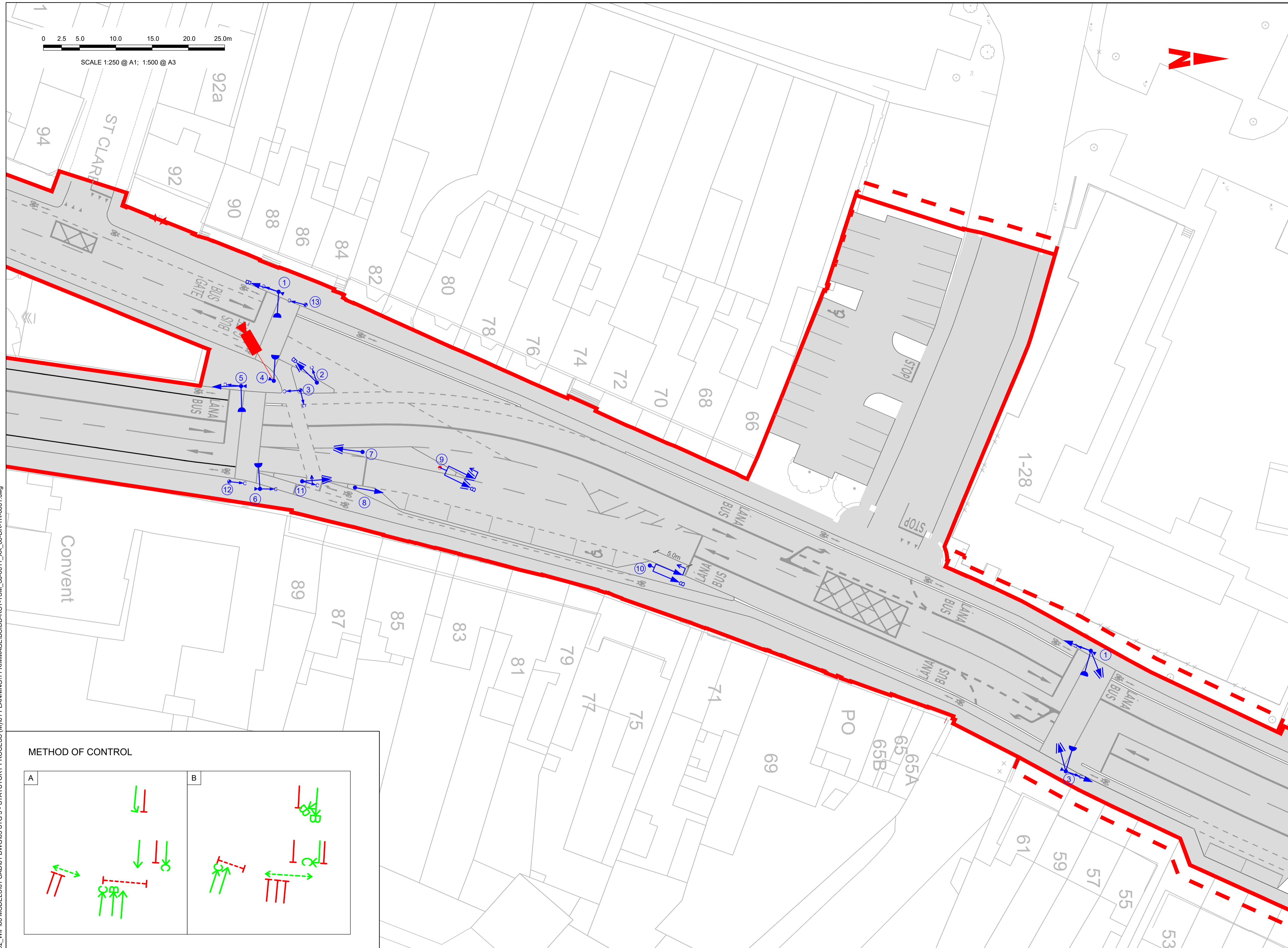
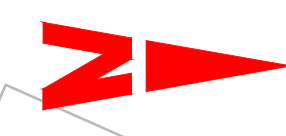
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Sheet Number: 08 of 16
Status: A
Rev: M01

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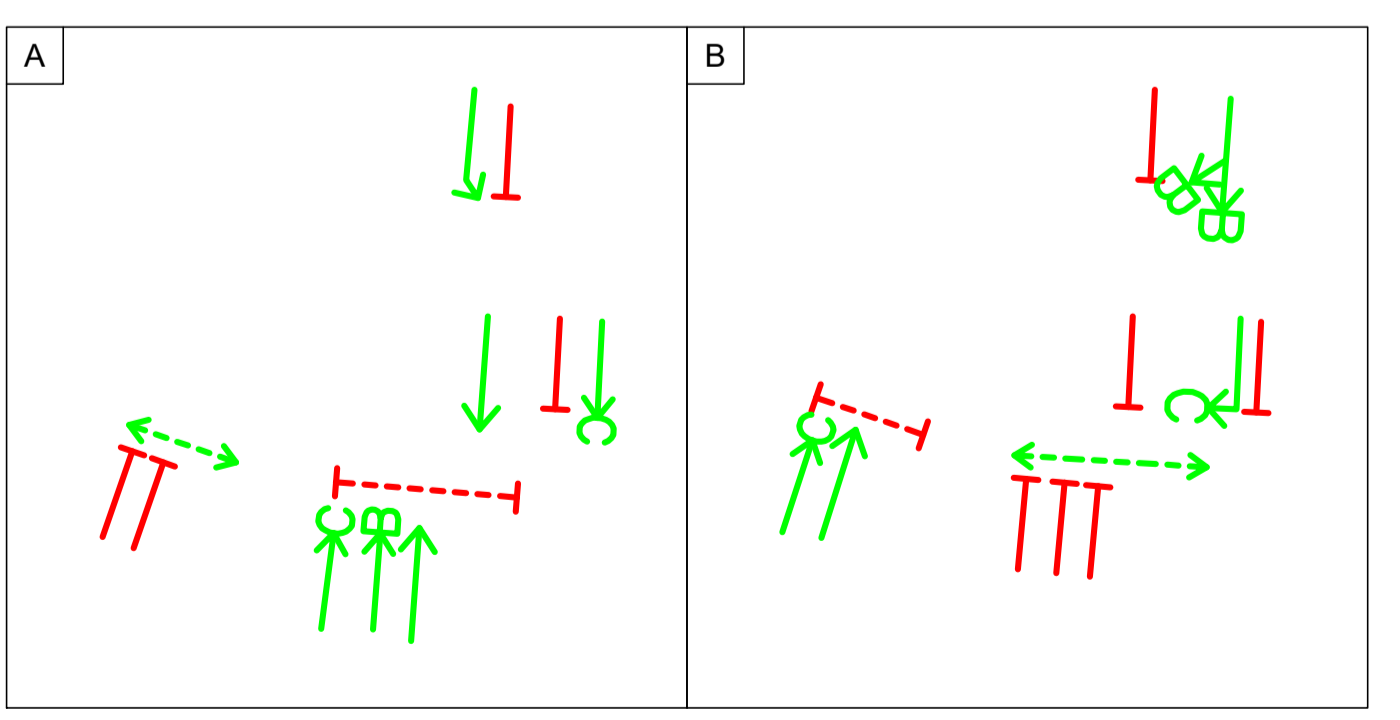


SCALE 1:250 @ A1; 1:500 @ A3



- LEGEND:**
- TRAFFIC SIGNAL HEADS:**
- RTS 001 PRIMARY
 - RTS 001 SECONDARY
 - RTS 002 PRIMARY
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 - RTS 002 PRIMARY
 - RTS 002 SECONDARY
 - RTS 002 PRIMARY
 - RTS 002 SECONDARY
 - RTS 003 PRIMARY
 - RTS 003 SECONDARY
 - RTS 003 PRIMARY
 - RTS 003 SECONDARY
 - RTS 003 PRIMARY
 - RTS 003 SECONDARY
 - RTS 007 (LOW LEVEL) PRIMARY
 - RTS 007? PRIMARY
 - RTS 007? PRIMARY
 - RPC 004 PEDESTRIAN HEAD
- TRAFFIC SIGNAL EQUIPMENT:**
- POLE (STANDARD HEIGHT)
 - 2m TRAFFIC SIGNAL POLE
 - TALL POLE (CCTV/TRAFFIC SIGNALS)
 - POLE NUMBER
 - PUSH BUTTON UNIT
 - PAN / TILT / ZOOM CCTV CAMERA
- GENERAL:**
- SITE BOUNDARY LINE
 - TEMPORARY LAND ACQUISITION

METHOD OF CONTROL



\\vodubp1u20191917119117-02 - STATUTORY PROCESS (M)01 PLANNING11 KIMMAGE/BCIDD-ROT-TSM_SJ-0011_XX_00-DR-TR-0001.dwg

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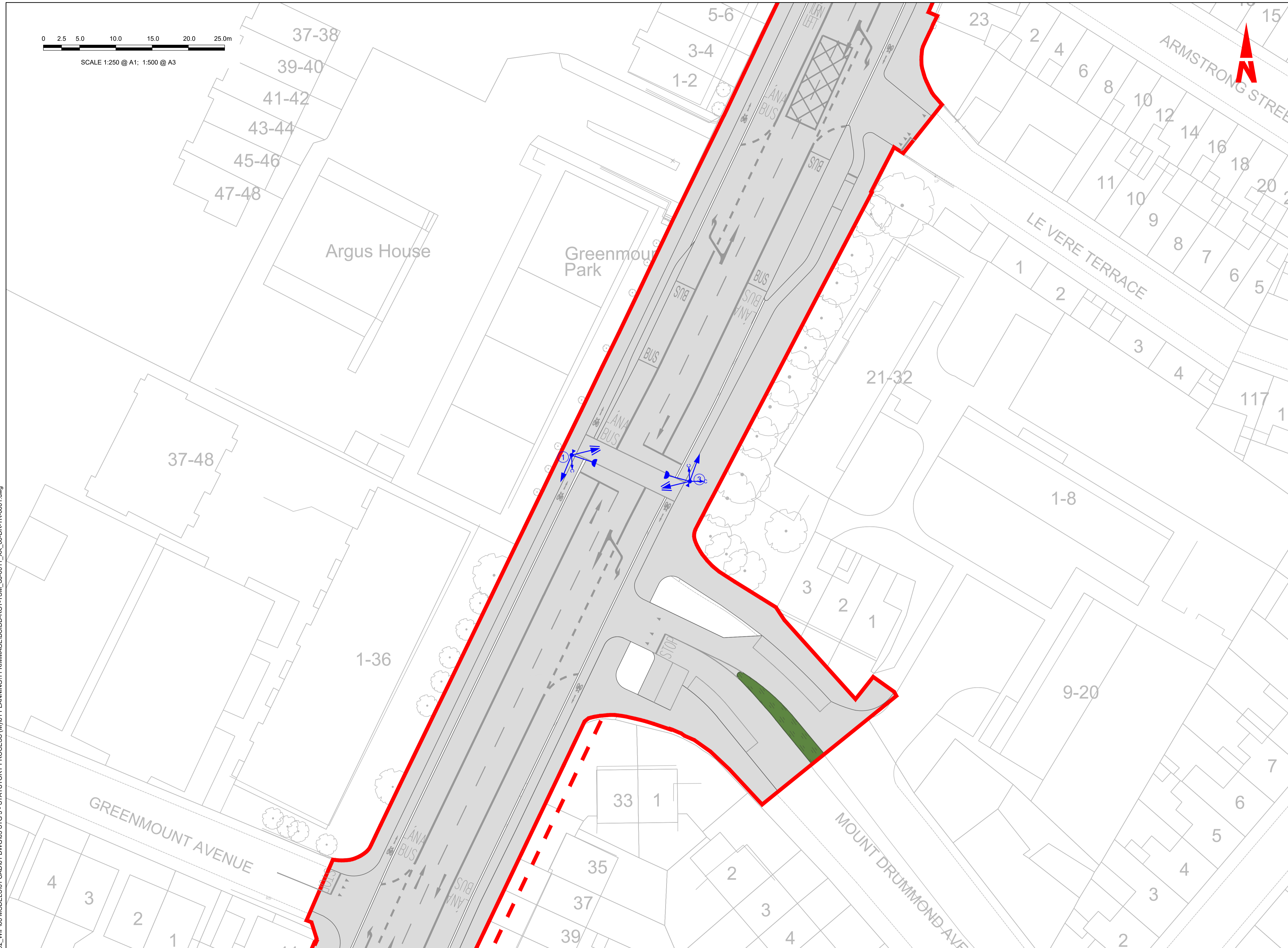
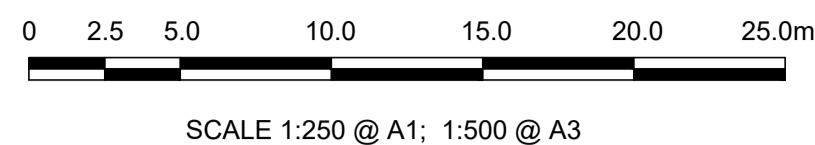


Rev	Date	Drm	Chk'd	App'd	Description
M01	FEB 2023	AG	SMG	SMG	ISSUED FOR PHASE 4: PLANNING

Date	Scale	Drawn	Checked	Approved
FEB 2023	1:250 @ A1 1:500 @ A3	AG	SMG	SMG
Programme Code	Originator Code	QMS Code		
BCIDD	ROT			

Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title KIMMAGE TO CITY CENTRE CORE BUS CORRIDOR SCHEME SYSTEM DESIGN HAROLD'S CROSS RD JUNCTION			
Drawing File Name	Sheet Number	Status	Rev
BCIDD-ROT-TSM_SJ-0011_XX_00-DR-TR-0009	09 of 16	A	M01

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- LEGEND:**
- TRAFFIC SIGNAL HEADS:**
 - RTS 001 PRIMARY
 - RTS 001 SECONDARY
 - RTS 002 PRIMARY
 - RTS 002 SECONDARY
 - RTS 002 PRIMARY
 - RTS 002 SECONDARY
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 - RTS 002 SECONDARY
 - RTS 003 PRIMARY
 - RTS 003 SECONDARY
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 - RTS 003 SECONDARY
 - RTS 003 PRIMARY
 - RTS 003 SECONDARY
 - RTS 007 (LOW LEVEL) PRIMARY
 - RTS 007? PRIMARY
 - RTS 007? PRIMARY
 - RPC 004 PEDESTRIAN HEAD
 - TRAFFIC SIGNAL EQUIPMENT:**
 - POLE (STANDARD HEIGHT)
 - 2m TRAFFIC SIGNAL POLE
 - TALL POLE (CCTV/TRAFFIC SIGNALS)
 - POLE NUMBER
 - PUSH BUTTON UNIT
 - PAN / TILT / ZOOM CCTV CAMERA
 - GENERAL:**
 - SITE BOUNDARY LINE
 - TEMPORARY LAND ACQUISITION

\\nodubp1u201917119117-02_WIP08 MODELS01 CAD01 DWG03 STG 3 - STATUTORY PROCESS (M)01 PLANNING11 KIMMAGE/BCIDD-ROT-TSM_SJ-0011_XX_00-DR-TR-0001.dwg

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Rev	Date	Drn	Chk'd	App'd	Description
M01	FEB 2023	AG	SMG	SMG	ISSUED FOR PHASE 4: PLANNING

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

Engineering Designer: **CIROD**
TYPSA

Date: FEB 2023
Scale: 1:250 @ A1
1:500 @ A3

Drawn: AG
Checked: SMG
Approved: SMG

Programme Code: BCIDD
Originator Code: ROT

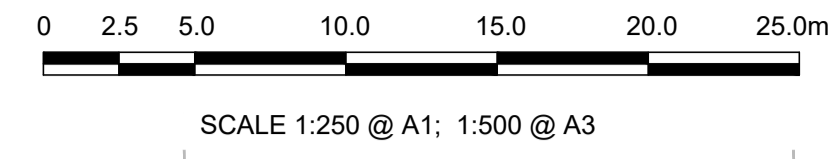
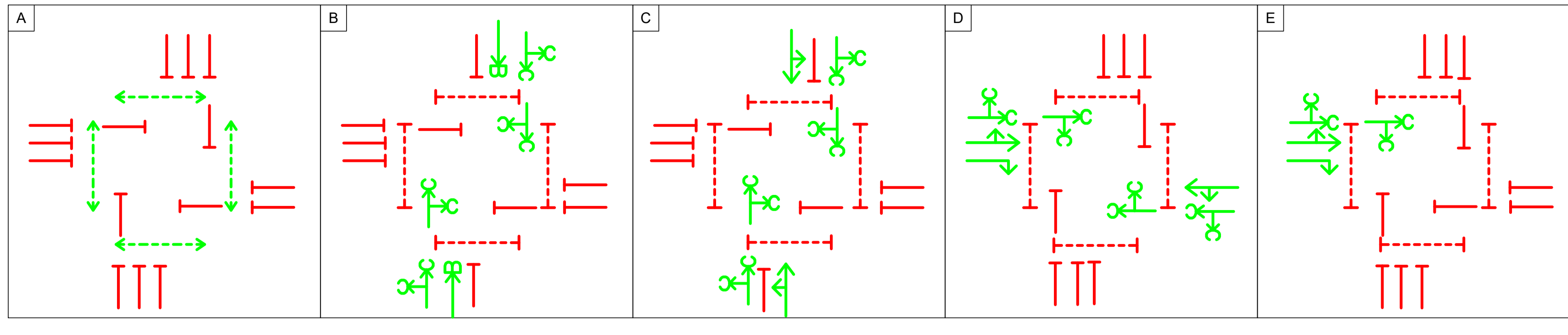
QMS Code:

Programme Title: BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title: KIMMAGE TO CITY CENTRE CORE BUS CORRIDOR SCHEME SYSTEM DESIGN HAROLDS CROSS ROAD CROSSING			
Drawing File Name: BCIDD-ROT-TSM_SJ-0011_XX_00-DR-TR-0010	Sheet Number: 10 of 16	Status: A	Rev: M01



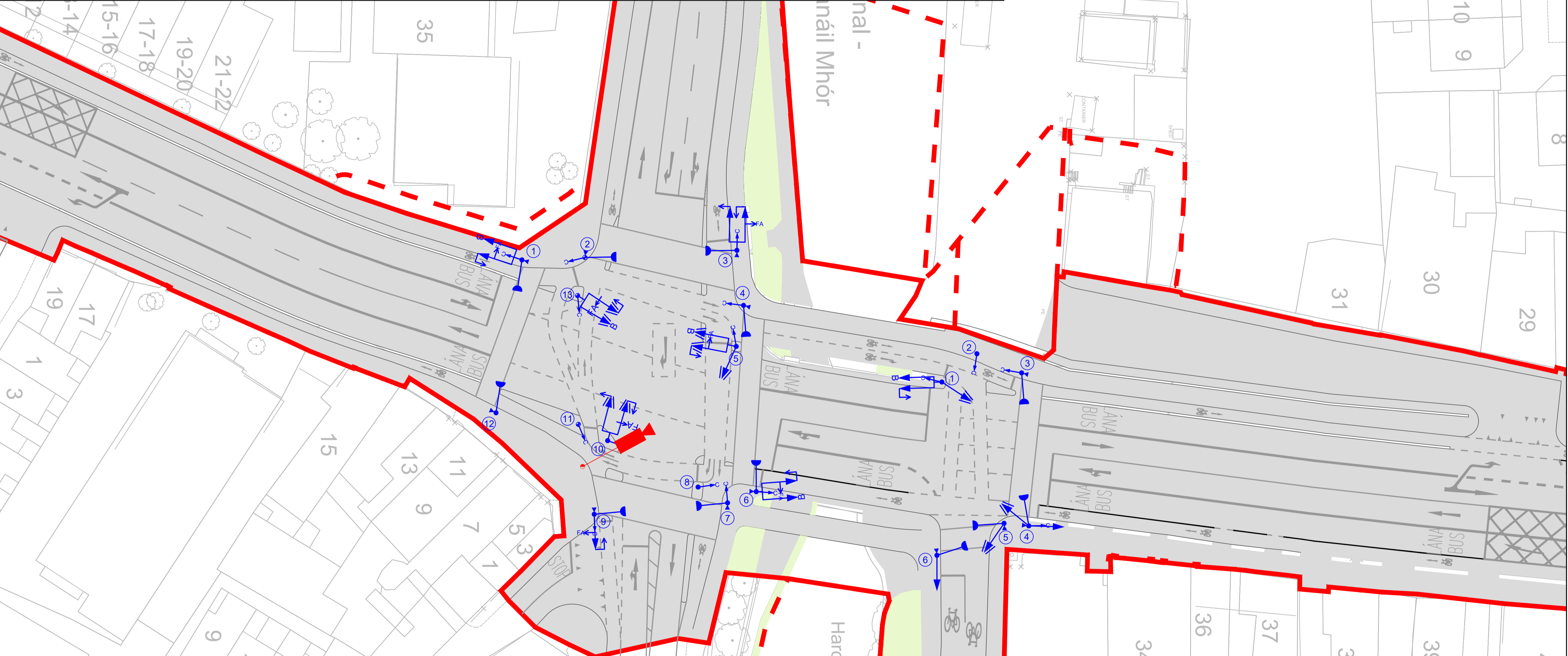
DO NOT SCALE USE FIGURED DIMENSIONS ONLY

METHOD OF CONTROL

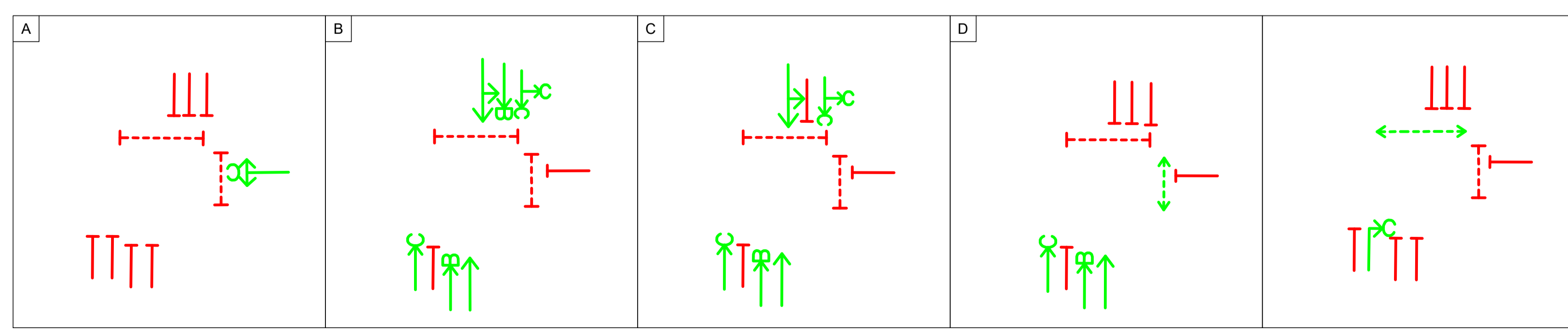


LEGEND:

- TRAFFIC SIGNAL HEADS:**
- RTS 001 PRIMARY
- RTS 001 SECONDARY
- RTS 002 PRIMARY
- RTS 002 SECONDARY
- RTS 002 PRIMARY
- RTS 002 SECONDARY
- RTS 002 PRIMARY
- RTS 002 SECONDARY
- RTS 002 PRIMARY
- RTS 002 SECONDARY
- RTS 003 PRIMARY
- RTS 003 SECONDARY
- RTS 003 PRIMARY
- RTS 003 SECONDARY
- RTS 003 PRIMARY
- RTS 003 SECONDARY
- RTS 007 (LOW LEVEL) PRIMARY
- RTS 007? PRIMARY
- RTS 007? PRIMARY
- RPC 004 PEDESTRIAN HEAD
- TRAFFIC SIGNAL EQUIPMENT:**
- POLE (STANDARD HEIGHT)
- 2m TRAFFIC SIGNAL POLE
- TALL POLE (CCTV/TRAFFIC SIGNALS)
- POLE NUMBER
- PUSH BUTTON UNIT
- PAN / TILT / ZOOM CCTV CAMERA
- GENERAL:**
- SITE BOUNDARY LINE
- TEMPORARY LAND ACQUISITION



METHOD OF CONTROL



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 Building Ireland's Future

Rev	Date	Drn	Chk'd	App'd	Description
M01	FEB 2023	AG	SMG	SMG	ISSUED FOR PHASE 4: PLANNING

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

Engineering Designer: **FIROD**
 TYPSA

Date: FEB 2023
 Scale: 1:250 @ A1, 1:500 @ A3
 Drawn: AG, Checked: SMG, Approved: SMG

Programme Code: BCIDD, Originator Code: ROT, QMS Code:

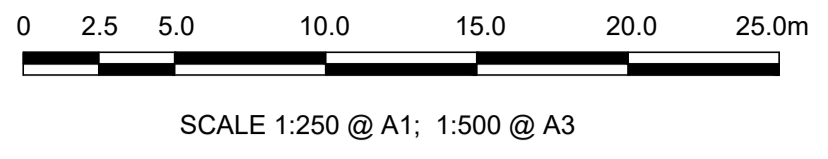
Programme Title: **BUSCONNECTS DUBLIN**
 CORE BUS CORRIDORS INFRASTRUCTURE WORKS

Drawing Title: KIMMAGE TO CITY CENTRE CORE BUS CORRIDOR SCHEME SYSTEM DESIGN HAROLD'S CROSS ROAD/PARNELL ROAD JUNCTION

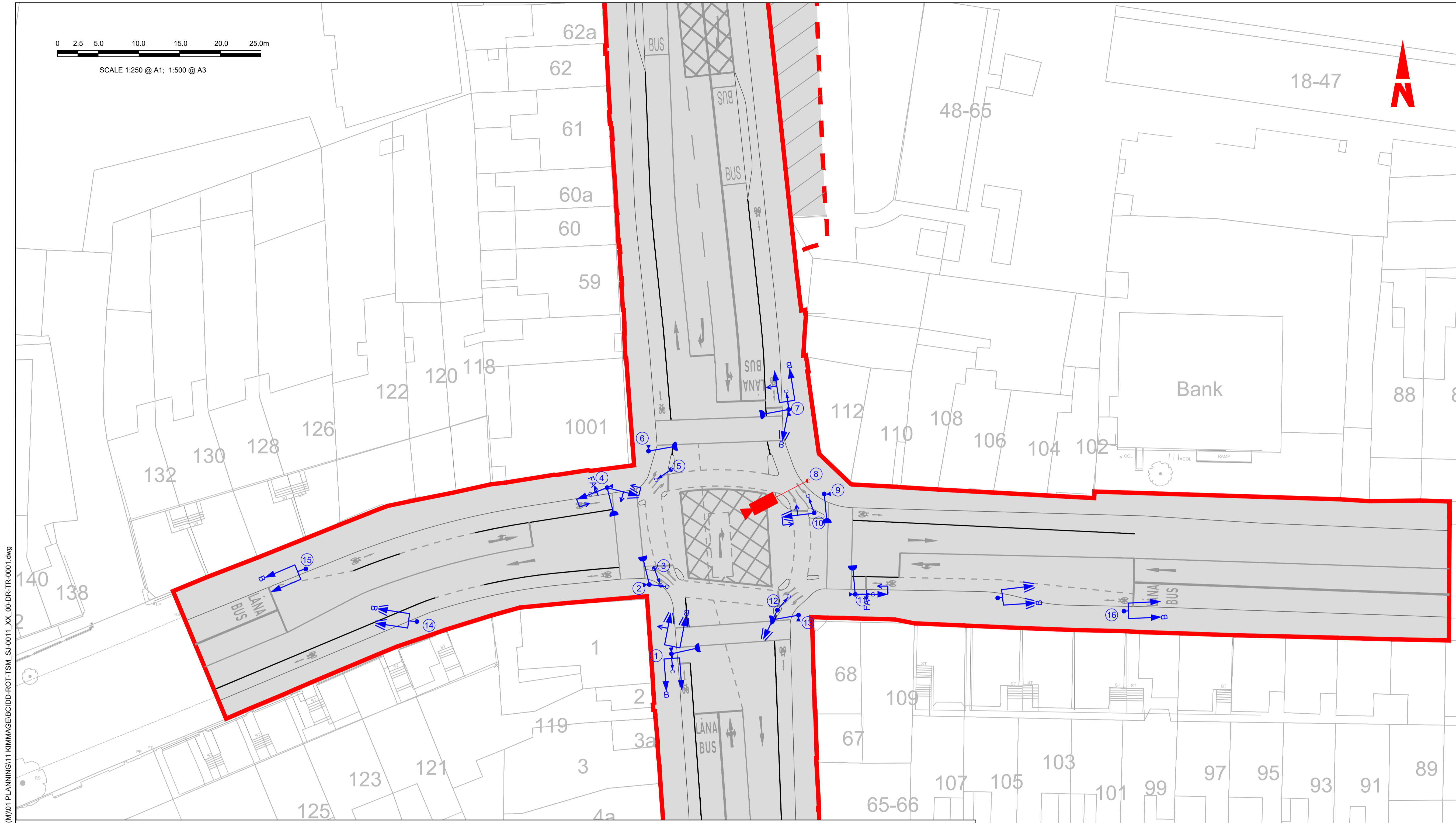
Drawing File Name: BCIDD-ROT-TSM_SJ-0011_XX_00-DR-TR-0011, Sheet Number: 11 of 16, Status: A, Rev: M01

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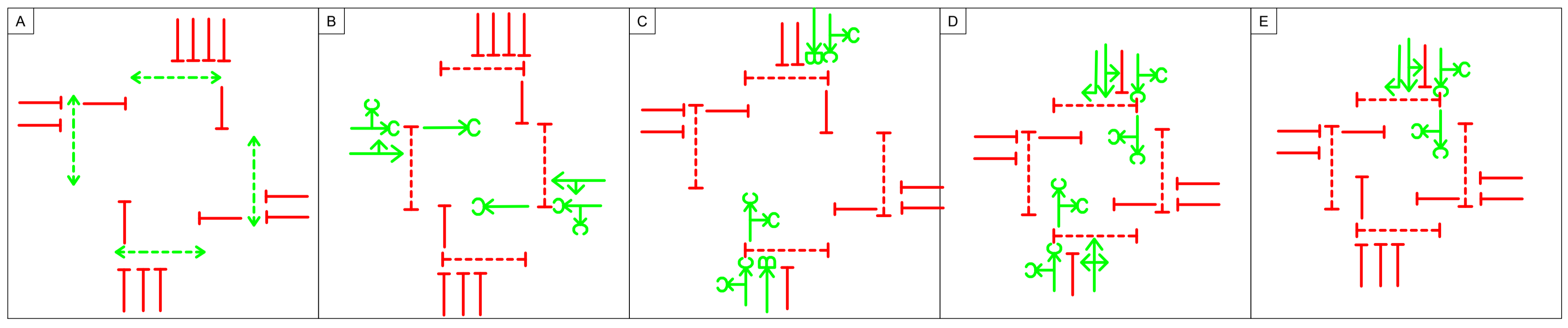
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- LEGEND:**
- TRAFFIC SIGNAL HEADS:**
- RTS 001 PRIMARY
 - RTS 001 SECONDARY
 - RTS 002 PRIMARY
 - RTS 002 SECONDARY
 - RTS 002 PRIMARY
 - RTS 002 SECONDARY
 - RTS 002 PRIMARY
 - RTS 002 SECONDARY
 - RTS 002 PRIMARY
 - RTS 002 SECONDARY
 - RTS 003 PRIMARY
 - RTS 003 SECONDARY
 - RTS 003 PRIMARY
 - RTS 003 SECONDARY
 - RTS 003 PRIMARY
 - RTS 003 SECONDARY
 - RTS 007 (LOW LEVEL) PRIMARY
 - RTS 007? PRIMARY
 - RTS 007? PRIMARY
 - RPC 004 PEDESTRIAN HEAD
- TRAFFIC SIGNAL EQUIPMENT:**
- POLE (STANDARD HEIGHT)
 - 2m TRAFFIC SIGNAL POLE
 - TALL POLE (CCTV/TRAFFIC SIGNALS)
 - POLE NUMBER
 - PUSH BUTTON UNIT
 - PAN / TILT / ZOOM CCTV CAMERA
- GENERAL:**
- SITE BOUNDARY LINE
 - TEMPORARY LAND ACQUISITION



METHOD OF CONTROL



\\vodubp1u201917119117-02 - STATUTORY PROCESS (M)01 PLANNING\11 KIMMAGE\BCIDD-ROT-TSM_SJ-0011_XX_00-DR-TR-0001.dwg

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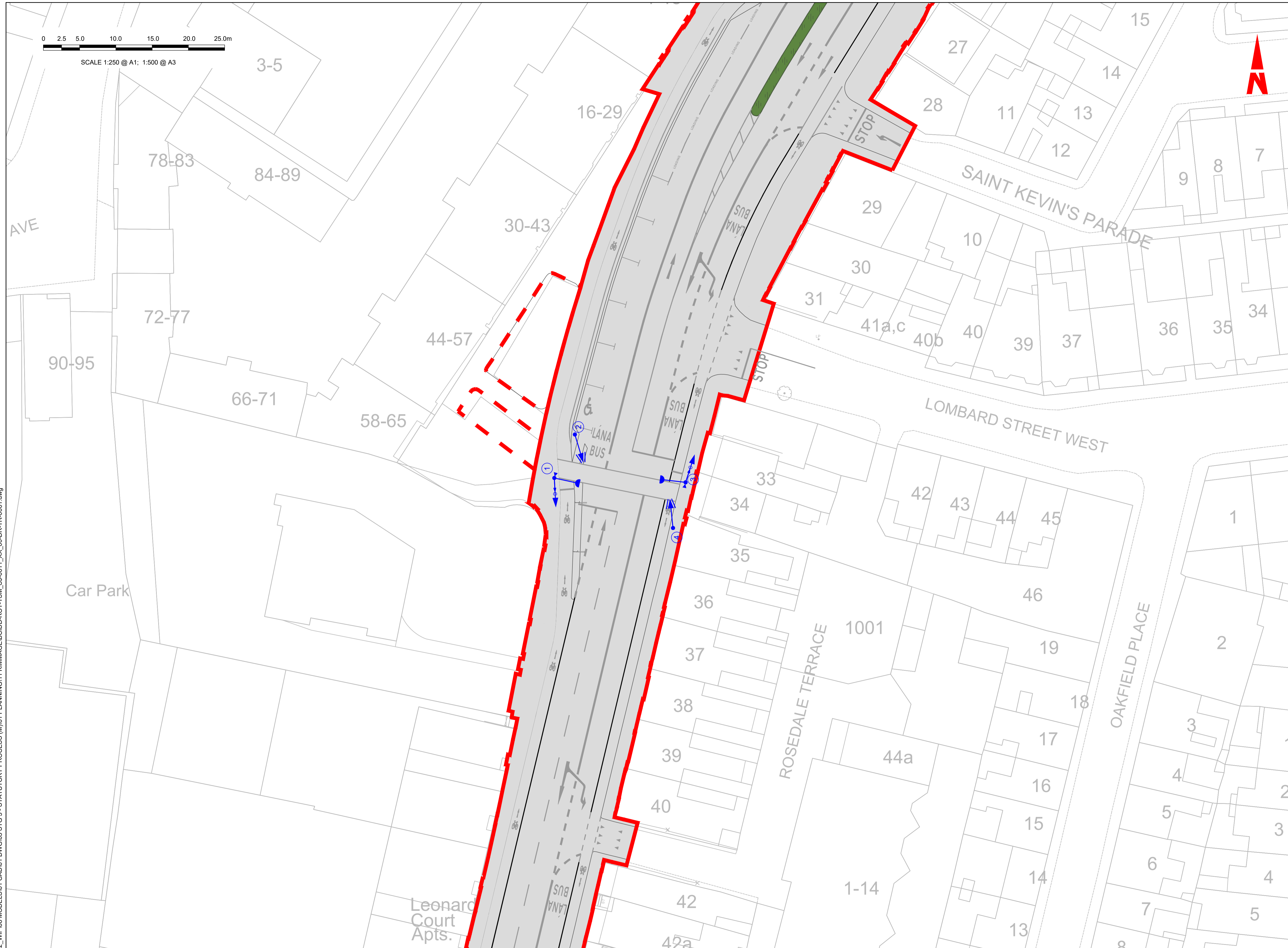
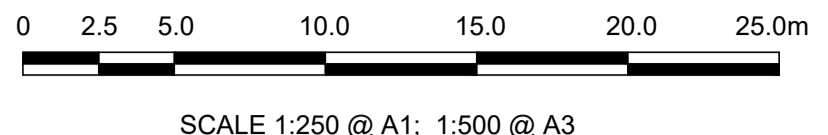


Rev	Date	Dwn	Chk'd	App'd	Description
M01	FEB 2023	AG	SMG	SMG	ISSUED FOR PHASE 4: PLANNING

Client NTA Údarás Náisiúnta Iompair National Transport Authority		Engineering Designer CIROD TYPSA		
Date FEB 2023	Scale 1:250 @ A1 1:500 @ A3	Drawn AG	Checked SMG	Approved SMG
Programme Code BCIDD	Originator Code ROT	QMS Code		

Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title KIMMAGE TO CITY CENTRE CORE BUS CORRIDOR SCHEME SYSTEM DESIGN CLANBRASSIT ST/SOUTH CIRCULAR RD JUNCTION			
Drawing File Name BCIDD-ROT-TSM_SJ-0011_XX_00-DR-TR-0012	Sheet Number 12 of 16	Status A	Rev M01

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- LEGEND:**
- TRAFFIC SIGNAL HEADS:**
 - RTS 001 PRIMARY
 - RTS 001 SECONDARY
 - RTS 002 PRIMARY
 - RTS 002 SECONDARY
 - RTS 002 PRIMARY
 - RTS 002 SECONDARY
 - RTS 002 PRIMARY
 - RTS 002 SECONDARY
 - RTS 002 PRIMARY
 - RTS 002 SECONDARY
 - RTS 003 PRIMARY
 - RTS 003 SECONDARY
 - RTS 003 PRIMARY
 - RTS 003 SECONDARY
 - RTS 003 PRIMARY
 - RTS 003 SECONDARY
 - RTS 007 (LOW LEVEL) PRIMARY
 - RTS 007 PRIMARY
 - RTS 007 PRIMARY
 - RPC 004 PEDESTRIAN HEAD
 - TRAFFIC SIGNAL EQUIPMENT:**
 - POLE (STANDARD HEIGHT)
 - 2m TRAFFIC SIGNAL POLE
 - TALL POLE (CCTV/TRAFFIC SIGNALS)
 - POLE NUMBER
 - PUSH BUTTON UNIT
 - PAN / TILT / ZOOM CCTV CAMERA
 - GENERAL:**
 - SITE BOUNDARY LINE
 - TEMPORARY LAND ACQUISITION

\\vodubp1\1\2019\19117\19117-02_WIP\08 MODELS\01 CAD\01 PLANNING\11 KIMMAGE\BCIDD-ROT-TSM_SJ-0011_XX_00-DR-TR-0001.dwg

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Rev	Date	Drm	Chk'd	App'd	Description
M01	FEB 2023	AG	SMG	SMG	ISSUED FOR PHASE 4: PLANNING

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

Engineering Designer: **FIROD**
TYPSA

Date: FEB 2023 | Scale: 1:250 @ A1, 1:500 @ A3 | Drawn: AG | Checked: SMG | Approved: SMG

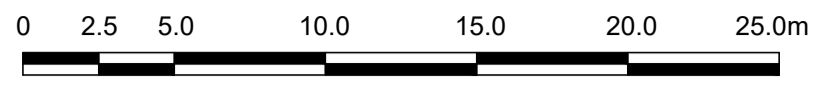
Programme Code: BCIDD | Originator Code: ROT | QMS Code:

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

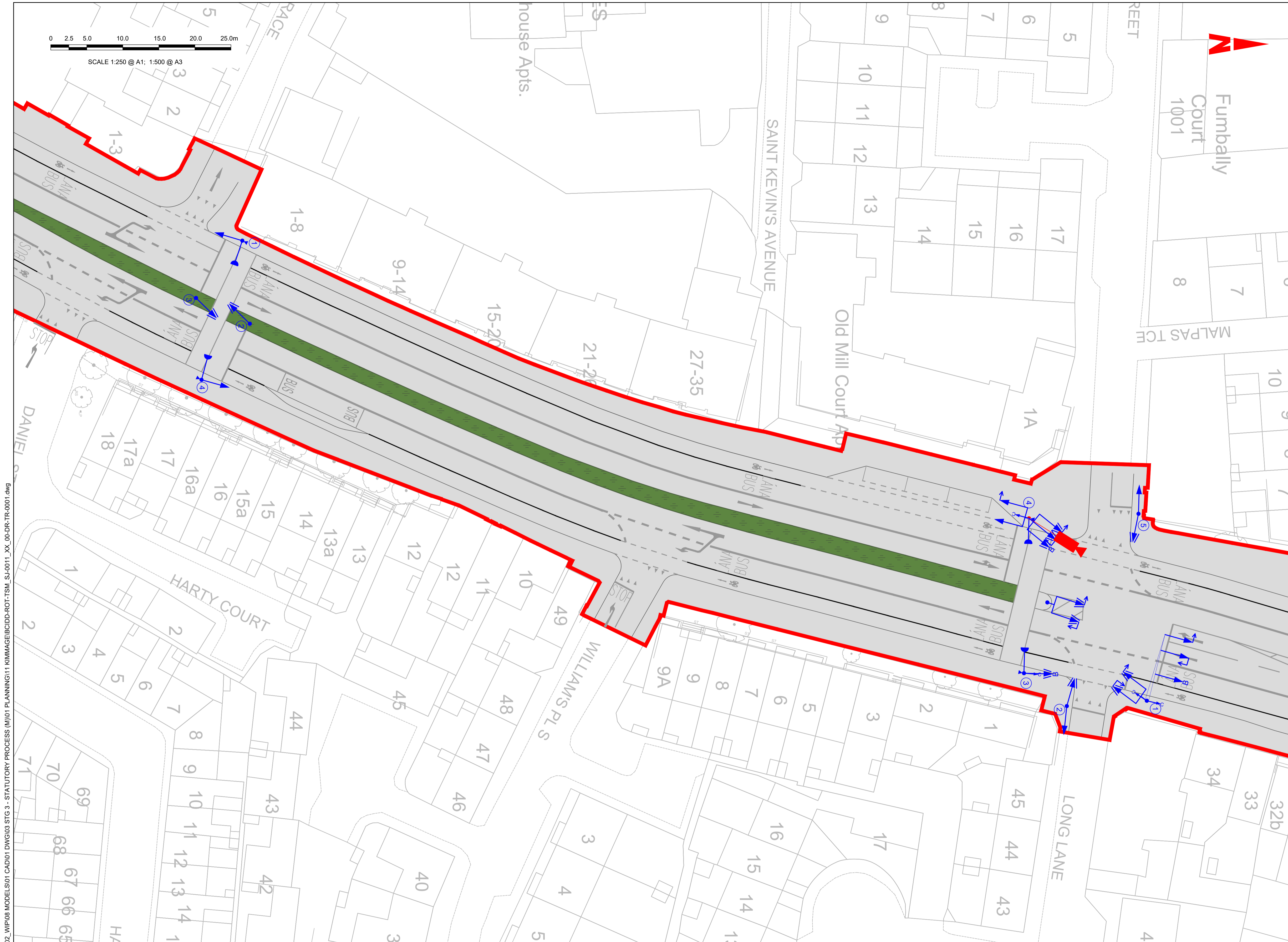
Drawing Title: KIMMAGE TO CITY CENTRE CORE BUS CORRIDOR SCHEME
SYSTEM DESIGN
CLANBRASSIL ST LOWER PEDESTRIAN CROSSING

Drawing File Name: BCIDD-ROT-TSM_SJ-0011_XX_00-DR-TR-0013 | Sheet Number: 13 of 16 | Status: A | Rev: M01

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



LEGEND:

TRAFFIC SIGNAL HEADS:

- RTS 001 PRIMARY
- RTS 001 SECONDARY
- RTS 002 PRIMARY
- RTS 002 SECONDARY
- RTS 002 PRIMARY
- RTS 002 SECONDARY
- RTS 002 PRIMARY
- RTS 002 SECONDARY
- RTS 002 PRIMARY
- RTS 002 SECONDARY
- RTS 003 PRIMARY
- RTS 003 SECONDARY
- RTS 003 PRIMARY
- RTS 003 SECONDARY
- RTS 003 PRIMARY
- RTS 003 SECONDARY
- RTS 007 (LOW LEVEL) PRIMARY
- RTS 007? PRIMARY
- RTS 007? PRIMARY
- RPC 004 PEDESTRIAN HEAD

TRAFFIC SIGNAL EQUIPMENT:

- POLE (STANDARD HEIGHT)
- 2m TRAFFIC SIGNAL POLE
- 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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Rev	Date	Drm	Chk'd	App'd	Description
M01	FEB 2023	AG	SMG	SMG	ISSUED FOR PHASE 4: PLANNING

Client

NTA
Údarás Náisiúnta Iompair
National Transport Authority

Engineering Designer

PROD
TYPSA

Date: FEB 2023
Scale: 1:250 @ A1, 1:500 @ A3
Drawn: AG
Checked: SMG
Approved: SMG

Programme Code: BCIDD
Originator Code: ROT
QMS Code:

Programme Title

BUSCONNECTS DUBLIN
CORE BUS CORRIDORS INFRASTRUCTURE WORKS

Drawing Title

KIMMAGE TO CITY CENTRE CORE BUS CORRIDOR SCHEME
SYSTEM DESIGN
CLANBRASSIL STREET PEDESTRIAN CROSSINGS

Drawing File Name: BCIDD-ROT-TSM_SJ-0011_XX_00-DR-TR-0014
Sheet Number: 14 of 16
Status: A
Rev: M01

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0 2.5 5.0 10.0 15.0 20.0 25.0m

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

School

New Row Place 8-12

Car Park

13-16

17-24

40-42

14

15

16

17

18a

18

19

ES

KEVIN ST

LEGEND:

TRAFFIC SIGNAL HEADS:

- RTS 001 PRIMARY
- RTS 001 SECONDARY
- RTS 002 PRIMARY
- RTS 002 SECONDARY
- RTS 002 PRIMARY
- RTS 002 SECONDARY
- RTS 002 PRIMARY
- RTS 002 SECONDARY
- RTS 002 PRIMARY
- RTS 002 SECONDARY
- RTS 003 PRIMARY
- RTS 003 SECONDARY
- RTS 003 PRIMARY
- RTS 003 SECONDARY
- RTS 003 PRIMARY
- RTS 003 SECONDARY
- RTS 007 (LOW LEVEL) PRIMARY
- RTS 007? PRIMARY
- RTS 007? PRIMARY
- RPC 004 PEDESTRIAN HEAD

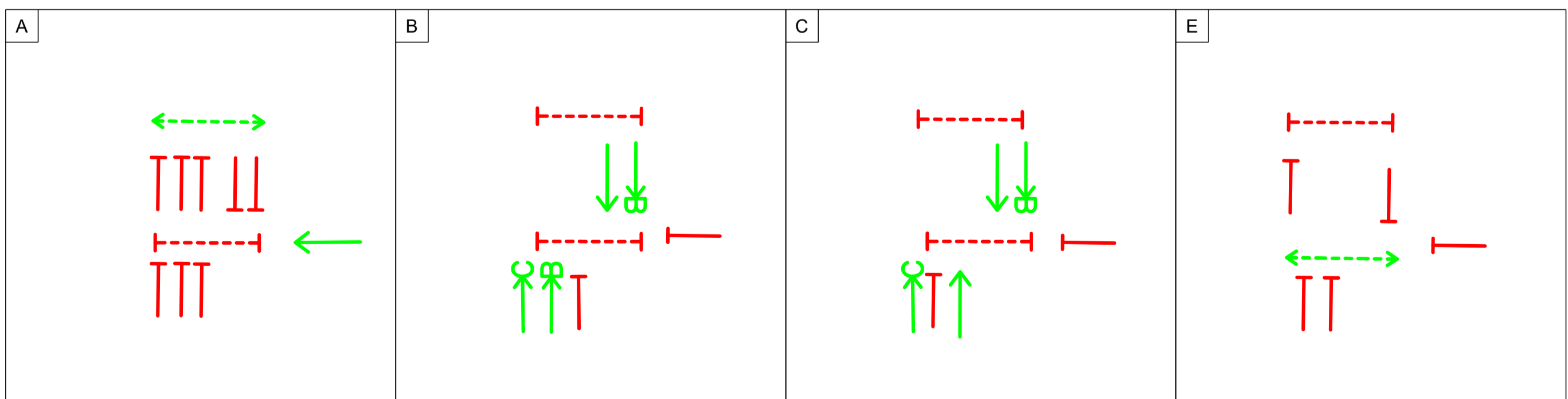
TRAFFIC SIGNAL EQUIPMENT:

- POLE (STANDARD HEIGHT)
- 2m TRAFFIC SIGNAL POLE
- TALL POLE (CCTV/TRAFFIC SIGNALS)
- POLE NUMBER
- PUSH BUTTON UNIT
- PAN / TILT / ZOOM CCTV CAMERA

GENERAL:

- SITE BOUNDARY LINE
- TEMPORARY LAND ACQUISITION

METHOD OF CONTROL



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Rev	Date	Drm	Chk'd	App'd	Description
M01	FEB 2023	AG	SMG	SMG	ISSUED FOR PHASE 4: PLANNING

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

Engineering Designer: **CIROD**
TYPSA

Date: FEB 2023
Scale: 1:250 @ A1
1:500 @ A3

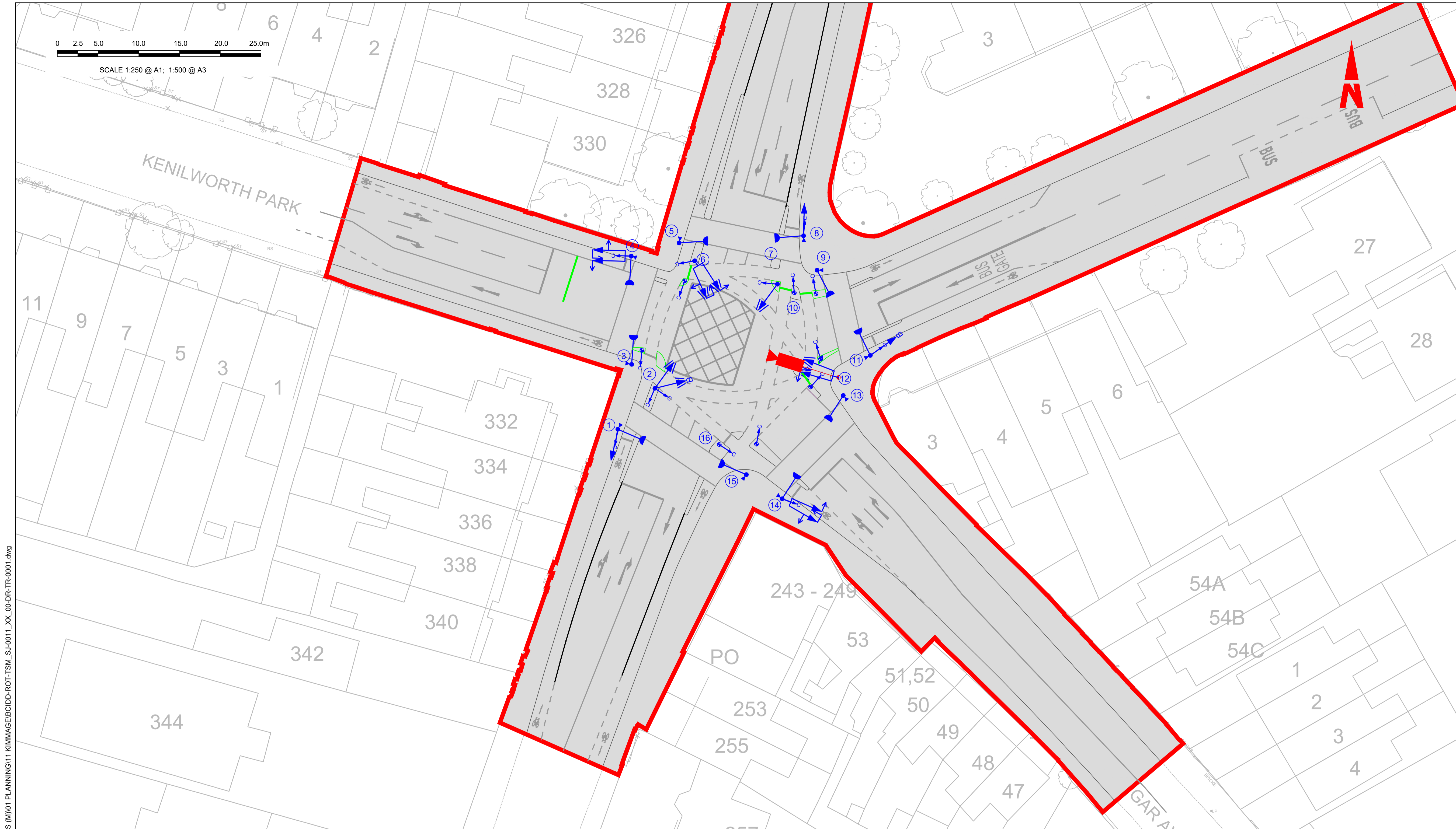
Drawn: AG
Checked: SMG
Approved: SMG

Programme Code: BCIDD
Originator Code: ROT
QMS Code:

Programme Title: BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title: KIMMAGE TO CITY CENTRE CORE BUS CORRIDOR SCHEME SYSTEM DESIGN KEVIN ST UPPER JUNCTION			
Drawing File Name: BCIDD-ROT-TSM_SJ-0011_XX_00-DR-TR-0015	Sheet Number: 15 of 16	Status: A	Rev: M01

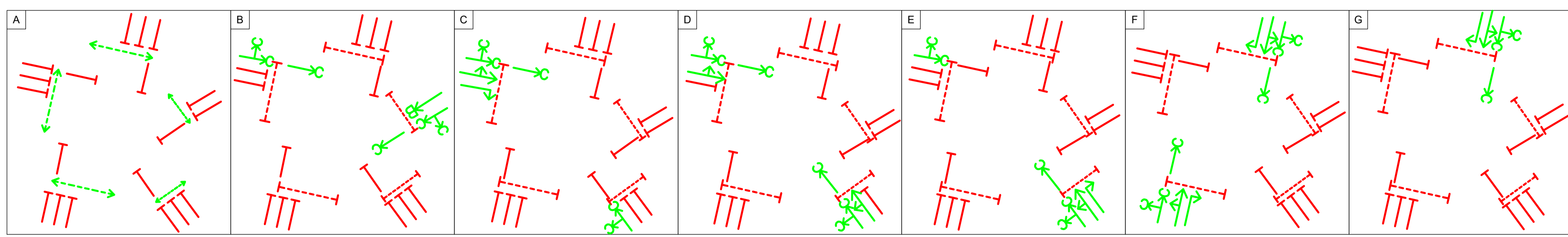
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- LEGEND:**
- TRAFFIC SIGNAL HEADS:**
- RTS 001 PRIMARY
 - RTS 001 SECONDARY
 - RTS 002 PRIMARY
 - RTS 002 SECONDARY
 - RTS 002 PRIMARY
 - RTS 002 SECONDARY
 - RTS 002 PRIMARY
 - RTS 002 SECONDARY
 - RTS 002 PRIMARY
 - RTS 002 SECONDARY
 - RTS 003 PRIMARY
 - RTS 003 SECONDARY
 - RTS 003 PRIMARY
 - RTS 003 SECONDARY
 - RTS 003 PRIMARY
 - RTS 003 SECONDARY
 - RTS 007 (LOW LEVEL) PRIMARY
 - RTS 007? PRIMARY
 - RTS 007? PRIMARY
 - RPC 004 PEDESTRIAN HEAD
- TRAFFIC SIGNAL EQUIPMENT:**
- POLE (STANDARD HEIGHT)
 - 2m TRAFFIC SIGNAL POLE
 - TALL POLE (CCTV/TRAFFIC SIGNALS)
 - POLE NUMBER
 - PUSH BUTTON UNIT
 - PAN / TILT / ZOOM CCTV CAMERA
- GENERAL:**
- SITE BOUNDARY LINE
 - TEMPORARY LAND ACQUISITION

METHOD OF CONTROL



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Rev	Date	Drm	Chk'd	App'd	Description
M01	FEB 2023	AG	SMG	SMG	ISSUED FOR PHASE 4: PLANNING

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

Engineering Designer: **CIROD**
TYPSA

Date	Scale	Drawn	Checked	Approved
FEB 2023	1:250 @ A1 1:500 @ A3	AG	SMG	SMG

Programme Code: BCIDD
Originator Code: ROT
QMS Code:

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

Drawing Title: **KIMMAGE TO CITY CENTRE CORE BUS CORRIDOR SCHEME
SYSTEM DESIGN
KENILWORTH SQUARE**

Drawing File Name	Sheet Number	Status	Rev
BCIDD-ROT-TSM_SJ-0011_XX_00-DR-TR-0016	16 of 16	A	M01

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