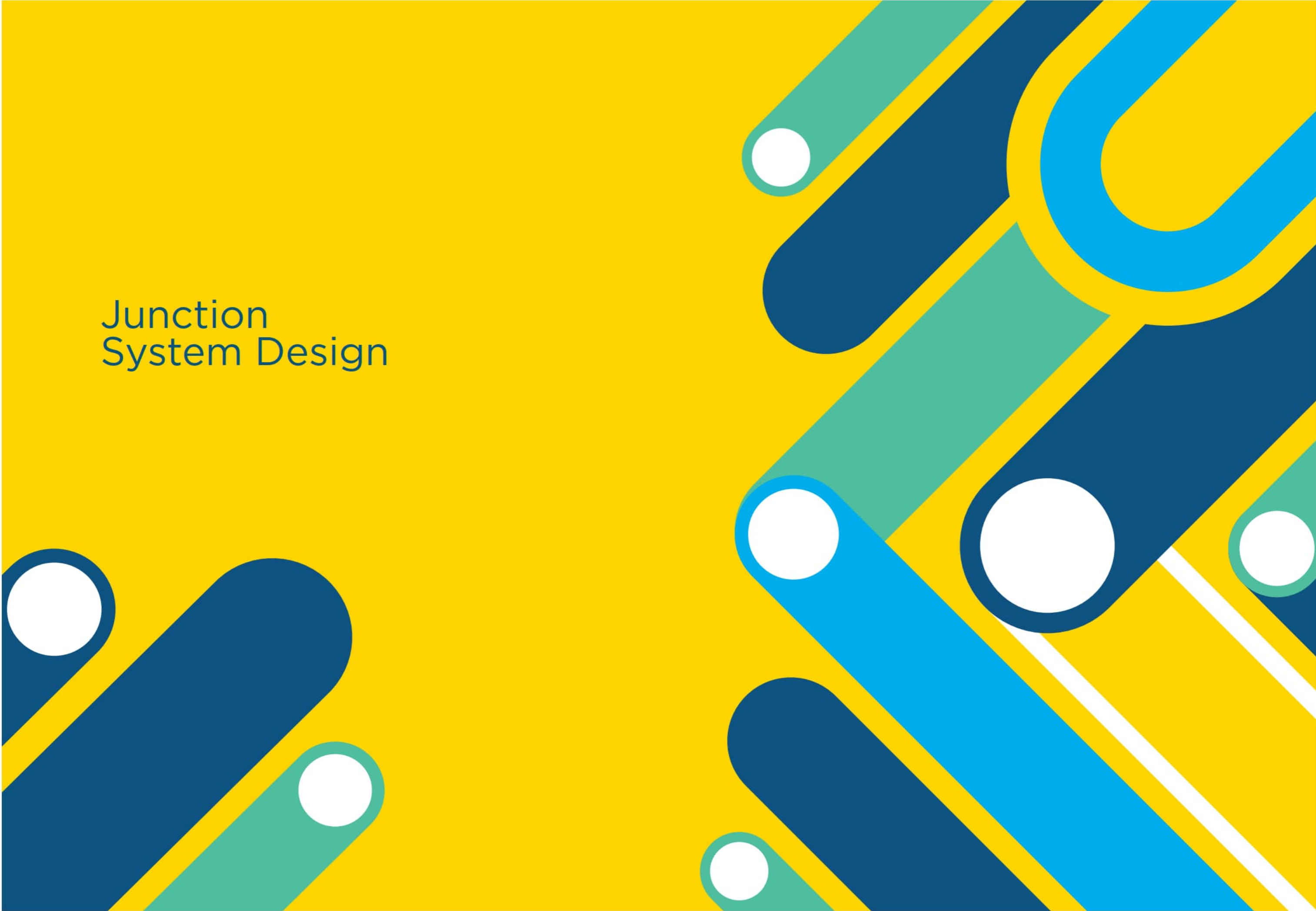


Junction
System Design





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
- BCIDD-ROT-TSM_SJ-0011_XX_00-DR-TR-0010
- BCIDD-ROT-TSM_SJ-0011_XX_00-DR-TR-0011
- BCIDD-ROT-TSM_SJ-0011_XX_00-DR-TR-0012
- 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 BUS CORRIDOR SCHEME, SYSTEM DESIGN, SUNDRIVE RD JUNCTION
- KIMMAGE TO CITY CENTRE BUS CORRIDOR SCHEME, SYSTEM DESIGN, SUNDRIVE ROAD/BLARNEY PARK JUNCTION
- KIMMAGE TO CITY CENTRE BUS CORRIDOR SCHEME, SYSTEM DESIGN, KIMMAGE ROAD COVER/MOUNT ARGUS VIEW JUNCTION
- KIMMAGE TO CITY CENTRE BUS CORRIDOR SCHEME, SYSTEM DESIGN, PARKVIEW AVENUE/HANOLDS'S CROSS ROAD JUNCTION
- KIMMAGE TO CITY CENTRE BUS CORRIDOR SCHEME, SYSTEM DESIGN, HAROLD'S CROSS ROAD JUNCTION
- KIMMAGE TO CITY CENTRE BUS CORRIDOR SCHEME, SYSTEM DESIGN, HAROLDS CROSS ROAD CROSSING
- KIMMAGE TO CITY CENTRE BUS CORRIDOR SCHEME, SYSTEM DESIGN, HAROLD'S CROSS ROAD/PARNELL ROAD JUNCTION
- KIMMAGE TO CITY CENTRE BUS CORRIDOR SCHEME, SYSTEM DESIGN, CLANBRASSIT ST/SOUTH CIRCULAR RD JUNCTION
- KIMMAGE TO CITY CENTRE BUS CORRIDOR SCHEME, SYSTEM DESIGN, CLANBRASSIL ST LOWER PEDESTRIAN CROSSING
- KIMMAGE TO CITY CENTRE BUS CORRIDOR SCHEME, SYSTEM DESIGN, CLANBRASSIL STREET PEDESTRIAN CROSSING
- KIMMAGE TO CITY CENTRE BUS CORRIDOR SCHEME, SYSTEM DESIGN, KEVIN ST UPPER JUNCTION
- KIMMAGE TO CITY CENTRE BUS CORRIDOR SCHEME, SYSTEM DESIGN, KENILWORTH SQUARE

\\vodubp1u2019191719117-02_WIP08 MODELS01 CAD01 DWG03 STG 3 - STATUTORY PROCESS (M)01 PLANNING11 KIMMAGE/COVER SHEETS/BCIDD-ROT-TSM_IX-0011_XX_00-DR-TR-0001.dwg

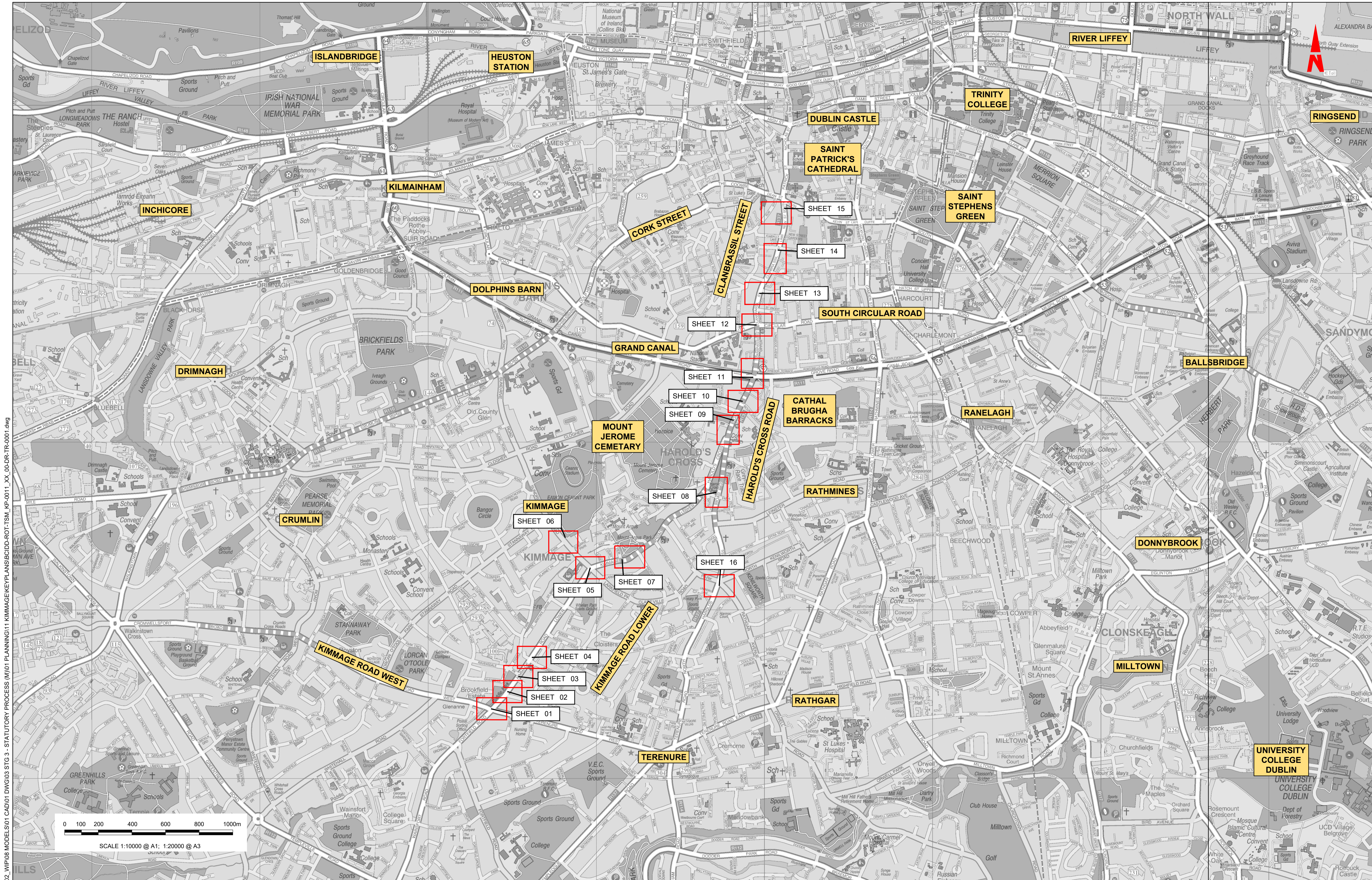
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Rev	Date	Drn	Chk'd	App'd	Description
M01	FEB 2023	CG	SMG	SMG	ISSUE FOR PHASE 4: PLANNING

Date	Scale	NTS @ A1	Drawn	Checked	Approved
FEB 2023		NTS @ A3	CG	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 JUNCTION SYSTEM DESIGN COVER SHEET			
Drawing File Name	Sheet Number	Status	Rev
BCIDD-ROT-TSM_IX-0011_XX_00-DR-TR-0001	01 of 0	A	M01

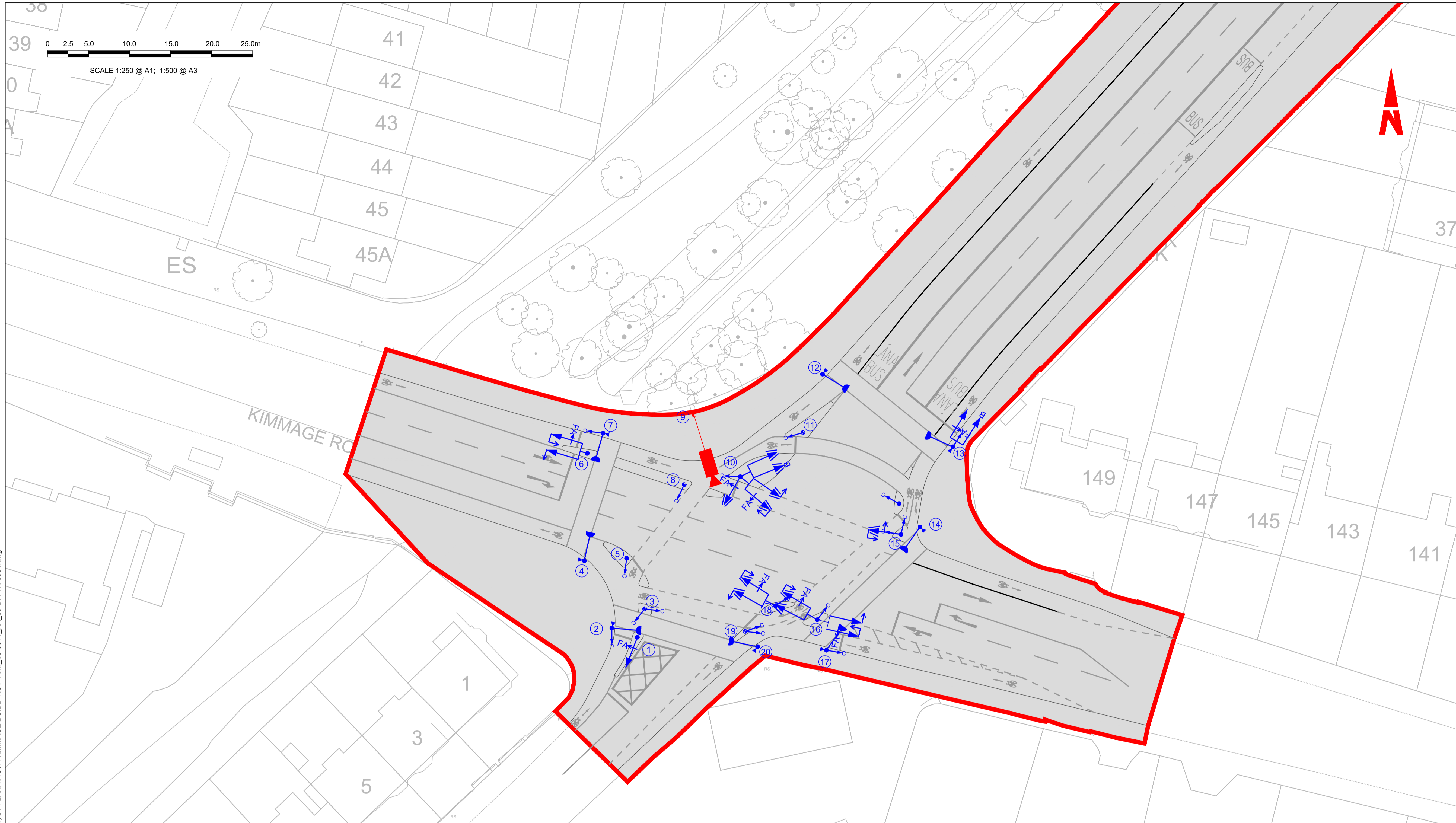
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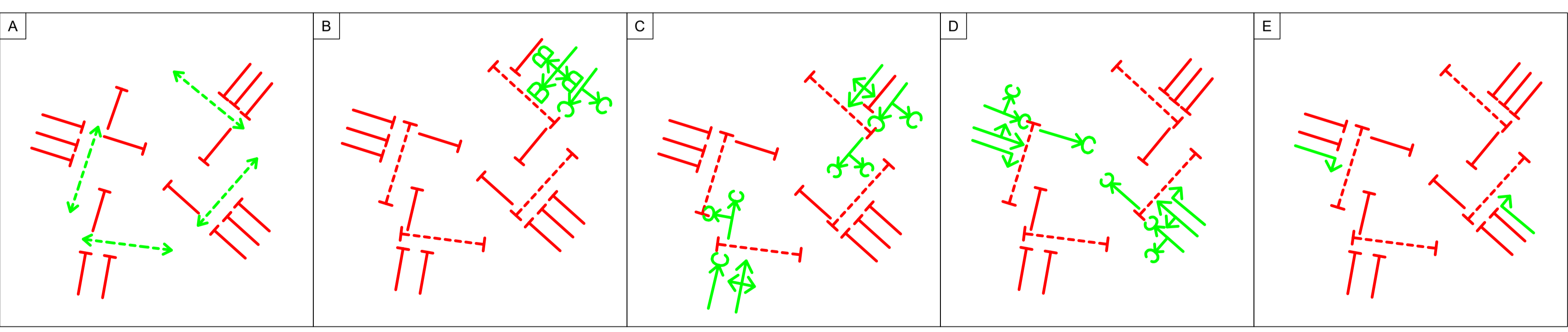
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<p>Scale 1:10000 @ A1; 1:20000 @ A3</p>		<p>Date FEB 2023</p>		<p>Scale 1:10,000 @ A1 1:20,000 @ A3</p>		<p>Drawn CG</p>		<p>Checked SMG</p>		<p>Approved SMG</p>		<p>Drawing Title</p> <p>KIMMAGE TO CITY CENTRE CORE BUS CORRIDOR SCHEME JUNCTION SYSTEM DESIGN KEYPLAN</p>		
<p>Programme Code BCIDD</p>		<p>Originator Code ROT</p>		<p>QMS Code</p>		<p>Drawing File Name</p> <p>BCIDD-ROT-TSM_KP-0011_XX_00-DR-TR-0001</p>		<p>Sheet Number</p> <p>01 of 01</p>		<p>Status</p> <p>A</p>		<p>Rev</p> <p>M01</p>		

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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
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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

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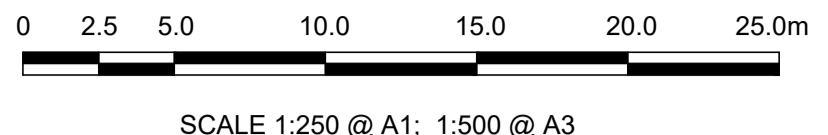
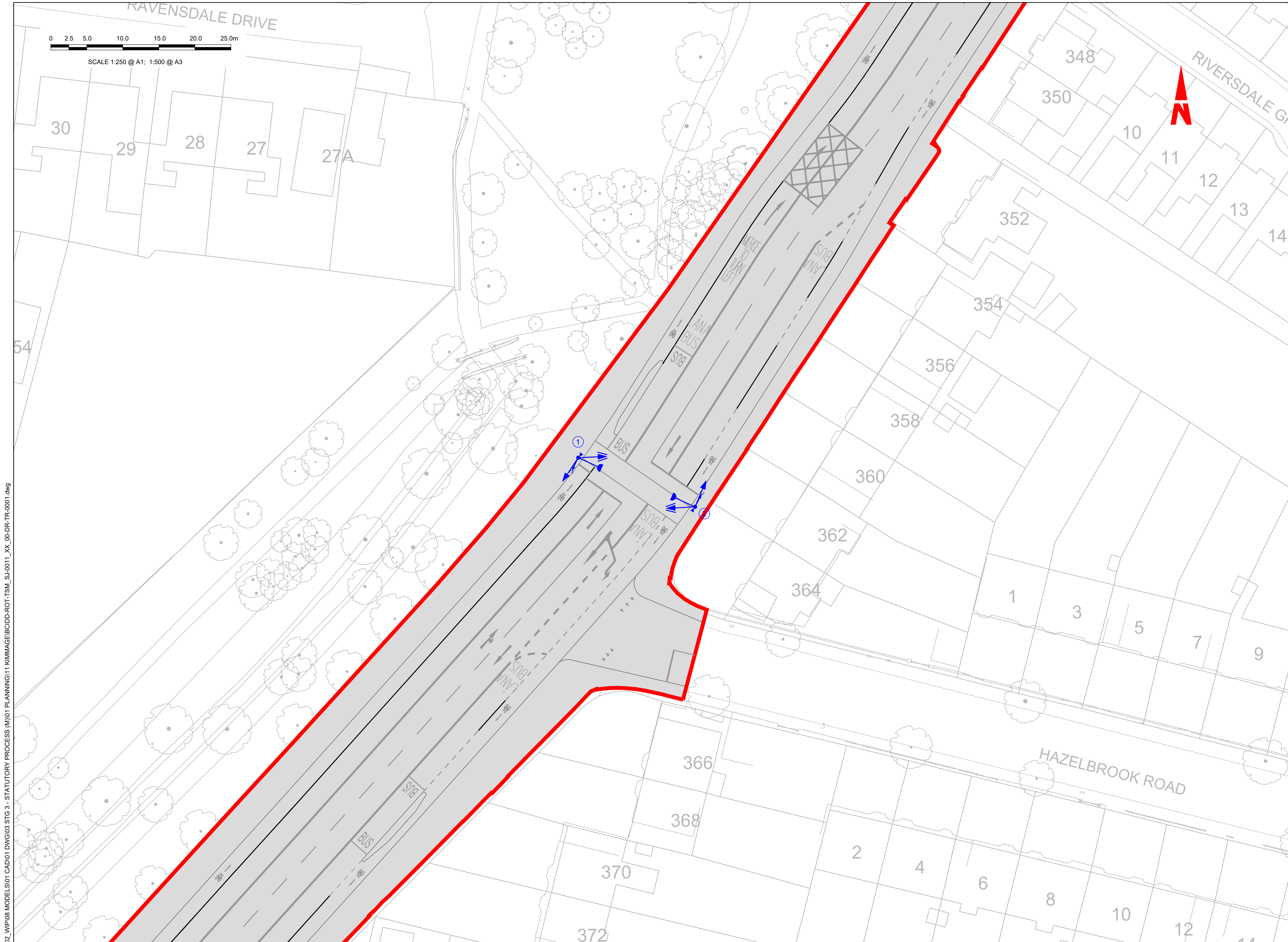
Rev	Date	Drn	Chk'd	App'd	Description
M01	FEB 2023	AG	SMG	SMG	ISSUED FOR PHASE 4: PLANNING

Date	Scale	Drawn	Checked	Approved
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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 KIMMAGE CROSS ROADS				
Drawing File Name	Sheet Number	Status	Rev	
BCIDD-ROT-TSM_SJ-0011_XX_00-DR-TR-0001	01 of 16	A	M01	

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- 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

\\wddubp1u2019171719117-02_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**
Údarás Náisiúnta Iompair
National Transport Authority

Engineering Designer: **CIROD**
TYPSA

Date	Scale	Drawn	Checked	Approved
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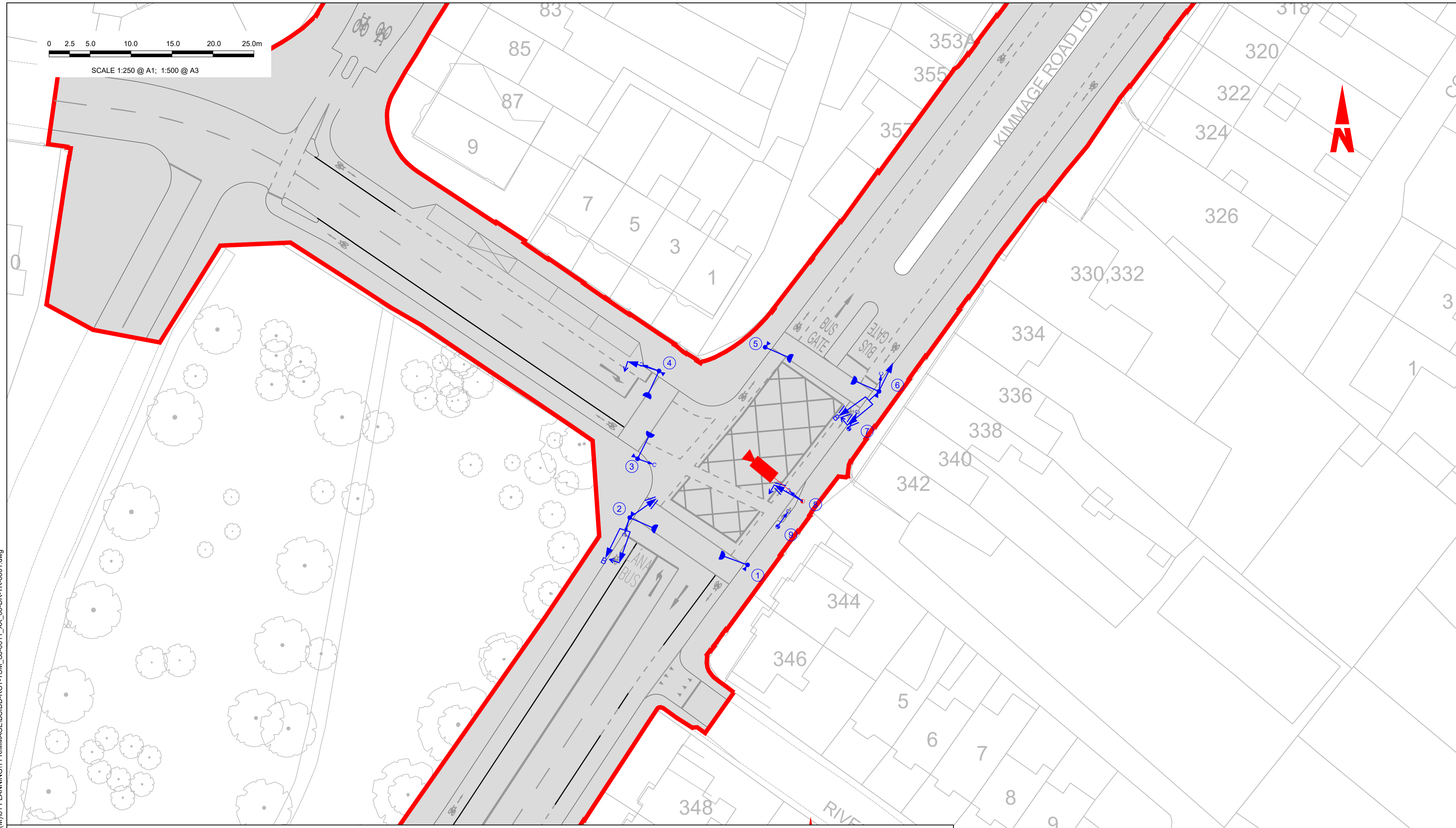
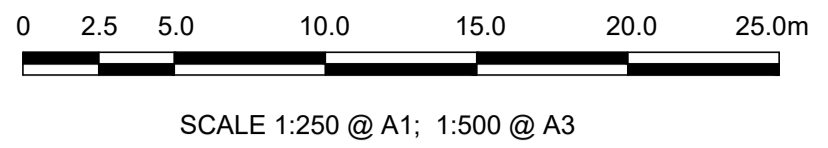
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Originator Code: ROT
QMS Code:

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

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

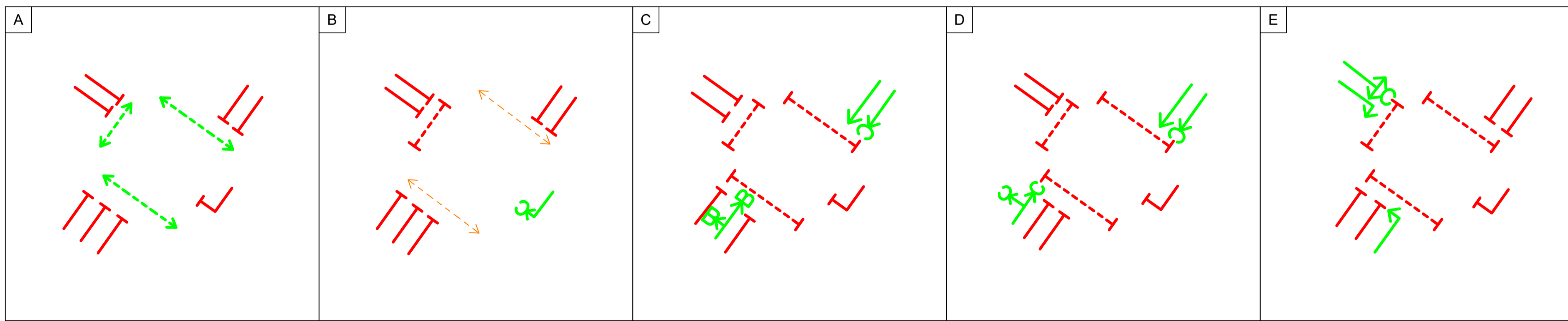
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- LEGEND:**
- TRAFFIC SIGNAL HEADS:**
- RTS 001 PRIMARY
 - RTS 001 SECONDARY
 - RTS 002 PRIMARY
 - RTS 002 SECONDARY
 - RTS 002 PRIMARY
 - RTS 002 SECONDARY
 - RTS 002 PRIMARY
 - RTS 002 SECONDARY
 - RTS 002 PRIMARY
 - RTS 002 SECONDARY
 - RTS 003 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

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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

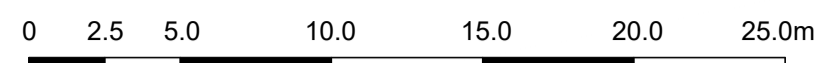
Drawn: AG
Checked: SMG
Approved: SMG

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 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

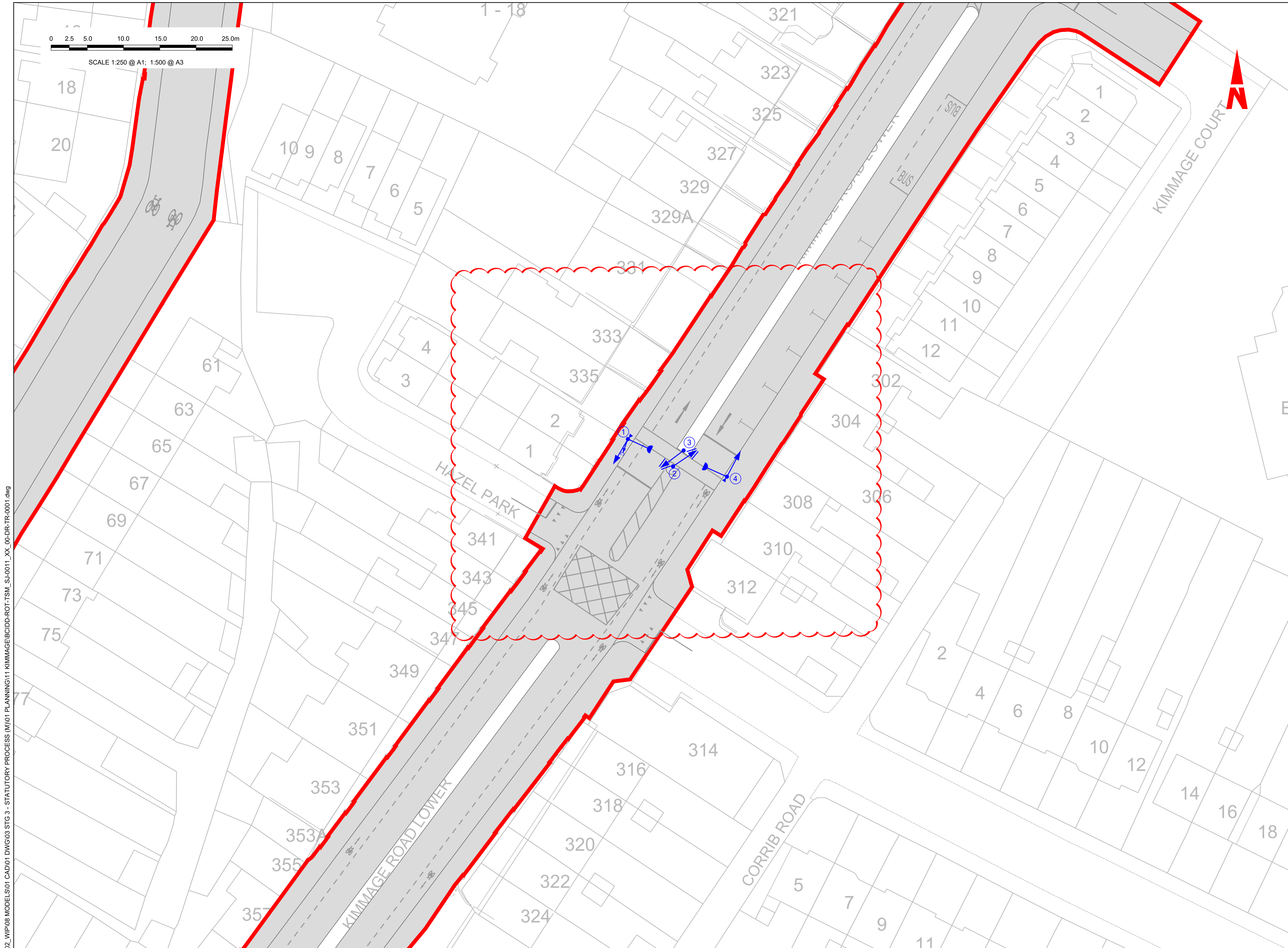
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SCALE 1:250 @ A1; 1:500 @ A3

- 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



\\nodubp1u20191717117-02_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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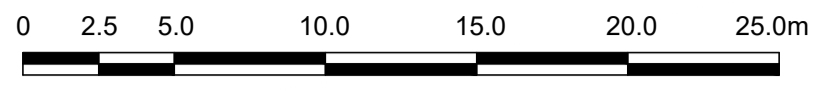


Rev	Date	Drn	Chk'd	App'd	Description
M01	FEB 2023	AG	SMG	SMG	ISSUED FOR PHASE 4: PLANNING

 Údarás Náisiúnta Iompair National Transport Authority		Engineering Designer IROD TYPSA		
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 KIMMAGE RD LOWER CROSSING			
Drawing File Name	Sheet Number	Status	Rev
BCIDD-ROT-TSM_SJ-0011_XX_00-DR-TR-0004	04 of 16	A	M01

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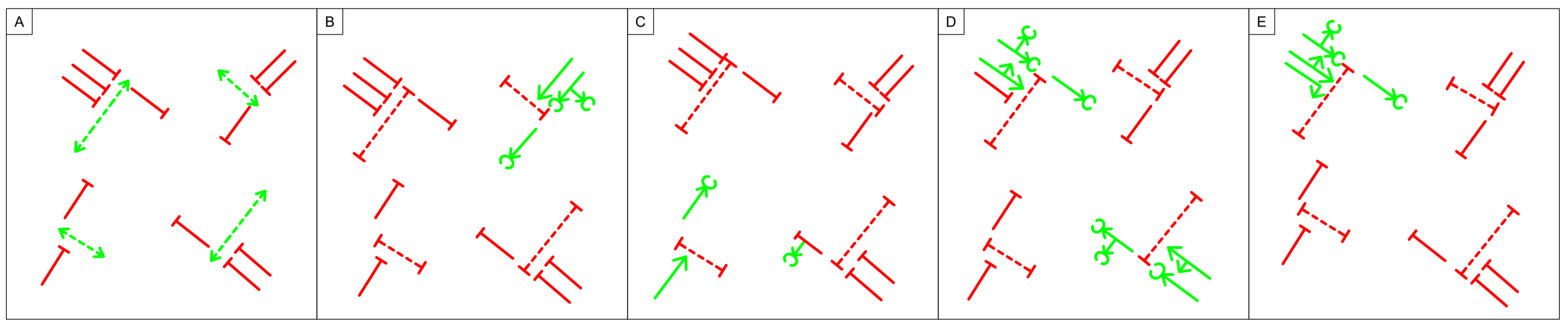
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- LEGEND:**
- TRAFFIC SIGNAL HEADS:**
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 - RTS 001 SECONDARY
 - RTS 002 PRIMARY
 - RTS 002 SECONDARY
 - RTS 002 PRIMARY
 - RTS 002 SECONDARY
 - RTS 002 PRIMARY
 - RTS 002 SECONDARY
 - RTS 002 PRIMARY
 - 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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Building Ireland's Future

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
IROD
 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**

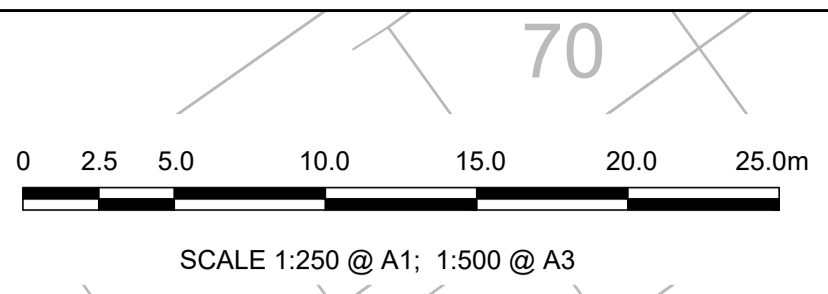
Programme Title
BUSCONNECTS DUBLIN
CORE BUS CORRIDORS INFRASTRUCTURE WORKS

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

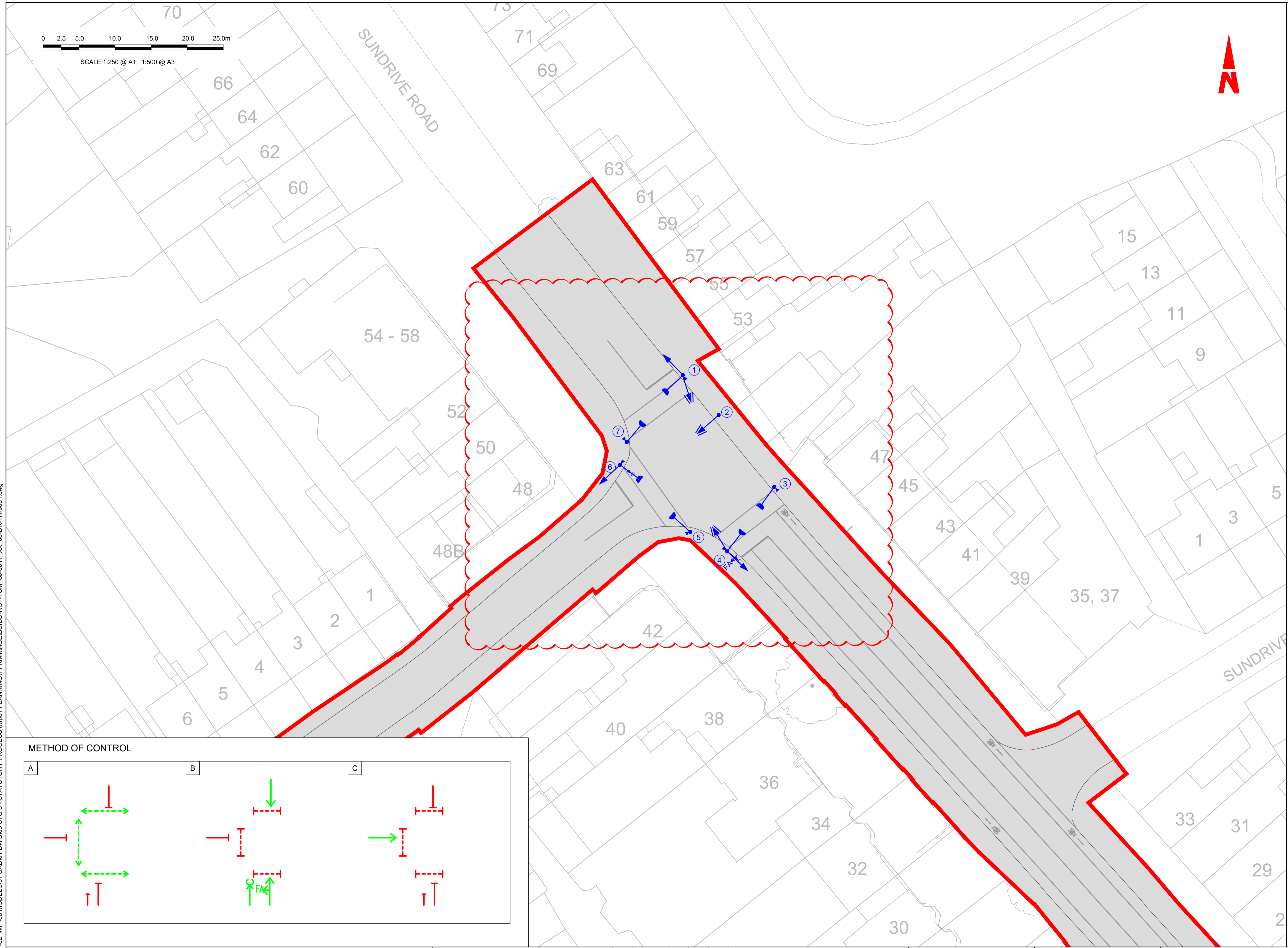
Drawing File Name BCIDD-ROT-TSM_SJ-0011_XX_00-DR-TR-0005 **Sheet Number** 05 of 16 **Status** A **Rev** M01

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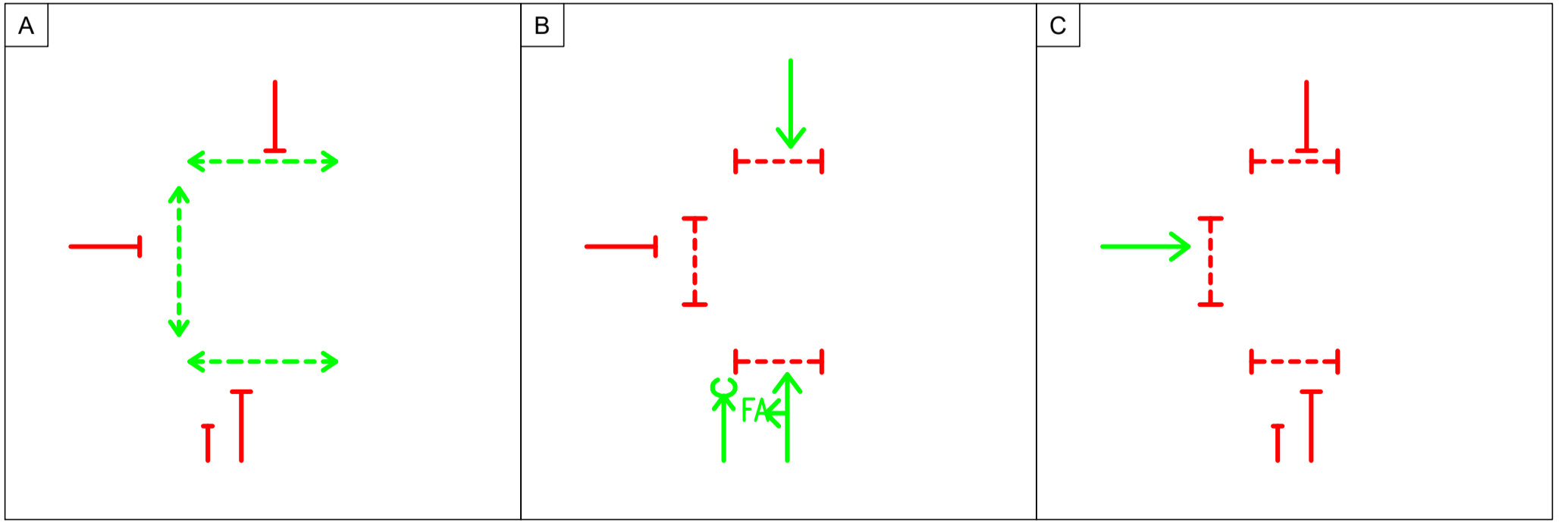
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- LEGEND:**
- TRAFFIC SIGNAL HEADS:**
- RTS 001 PRIMARY
 - RTS 001 SECONDARY
 - RTS 002 PRIMARY
 - RTS 002 SECONDARY
 - RTS 002 PRIMARY
 - RTS 002 SECONDARY
 - RTS 002 PRIMARY
 - RTS 002 SECONDARY
 - RTS 002 PRIMARY
 - RTS 002 SECONDARY
 - RTS 002 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

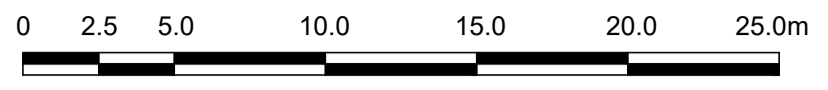
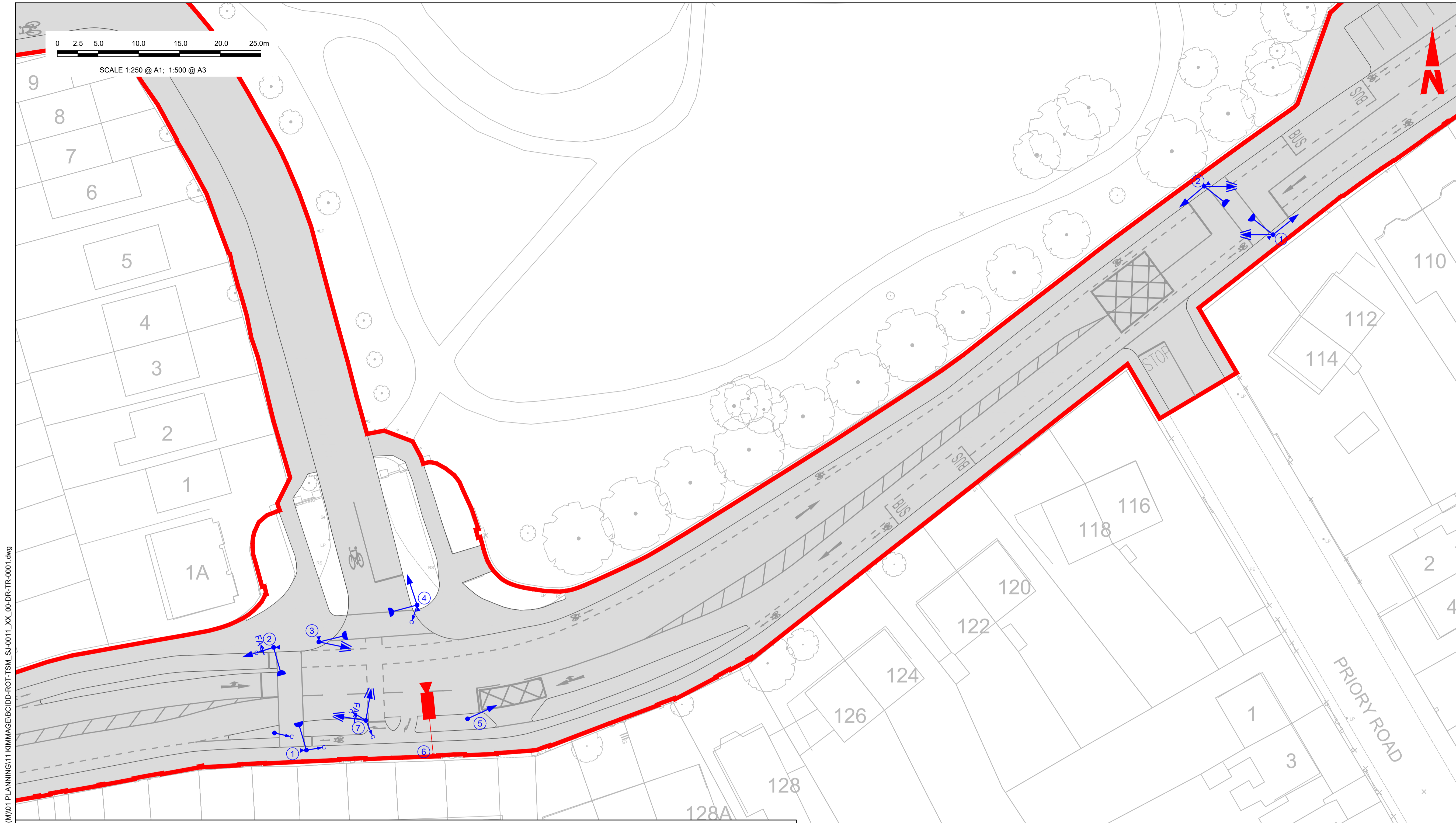
Drawn: AG
Checked: SMG
Approved: SMG

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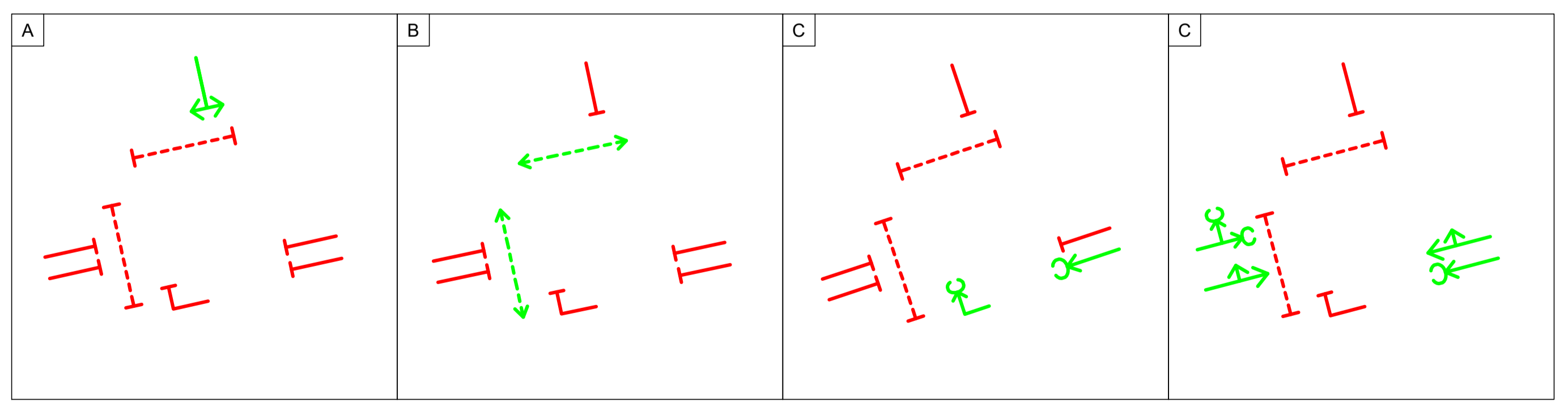
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SCALE 1:250 @ A1; 1:500 @ A3

- LEGEND:**
- TRAFFIC SIGNAL HEADS:**
- RTS 001 PRIMARY
 - RTS 001 SECONDARY
 - RTS 002 PRIMARY
 - RTS 002 SECONDARY
 - RTS 002 PRIMARY
 - RTS 002 SECONDARY
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 - 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

INDICATIVE METHOD OF CONTROL



\\vodubp1u20191917119117-02_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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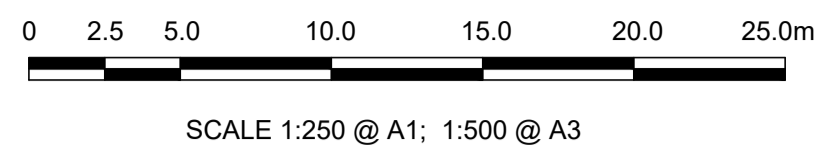


Rev	Date	Dwn	Chk'd	App'd	Description
M01	FEB 2023	AG	SMG	SMG	ISSUED FOR PHASE 4: PLANNING

Date	Scale	Drawn	Checked	Approved
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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 KIMMAGE ROAD COVER/MOUNT ARGUS VIEW JUNCTION			
Drawing File Name	Sheet Number	Status	Rev
BCIDD-ROT-TSM_SJ-0011_XX_00-DR-TR-0007	07 of 16	A	M01

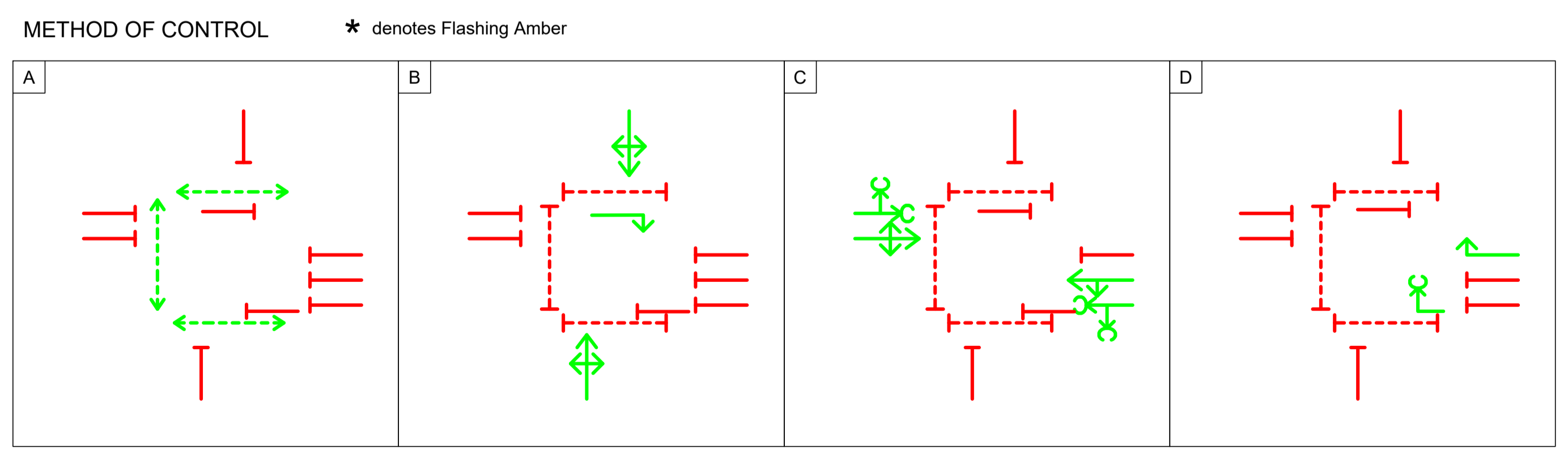
DO NOT SCALE USE FIGURED DIMENSIONS ONLY



SHAMROCK VILLAS

HAROLDS CROSS

- LEGEND:**
- TRAFFIC SIGNAL HEADS:**
 - RTS 001 PRIMARY
 - RTS 001 SECONDARY
 - RTS 002 PRIMARY
 - RTS 002 SECONDARY
 - RTS 002 PRIMARY
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 - RTS 003 SECONDARY
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 - 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



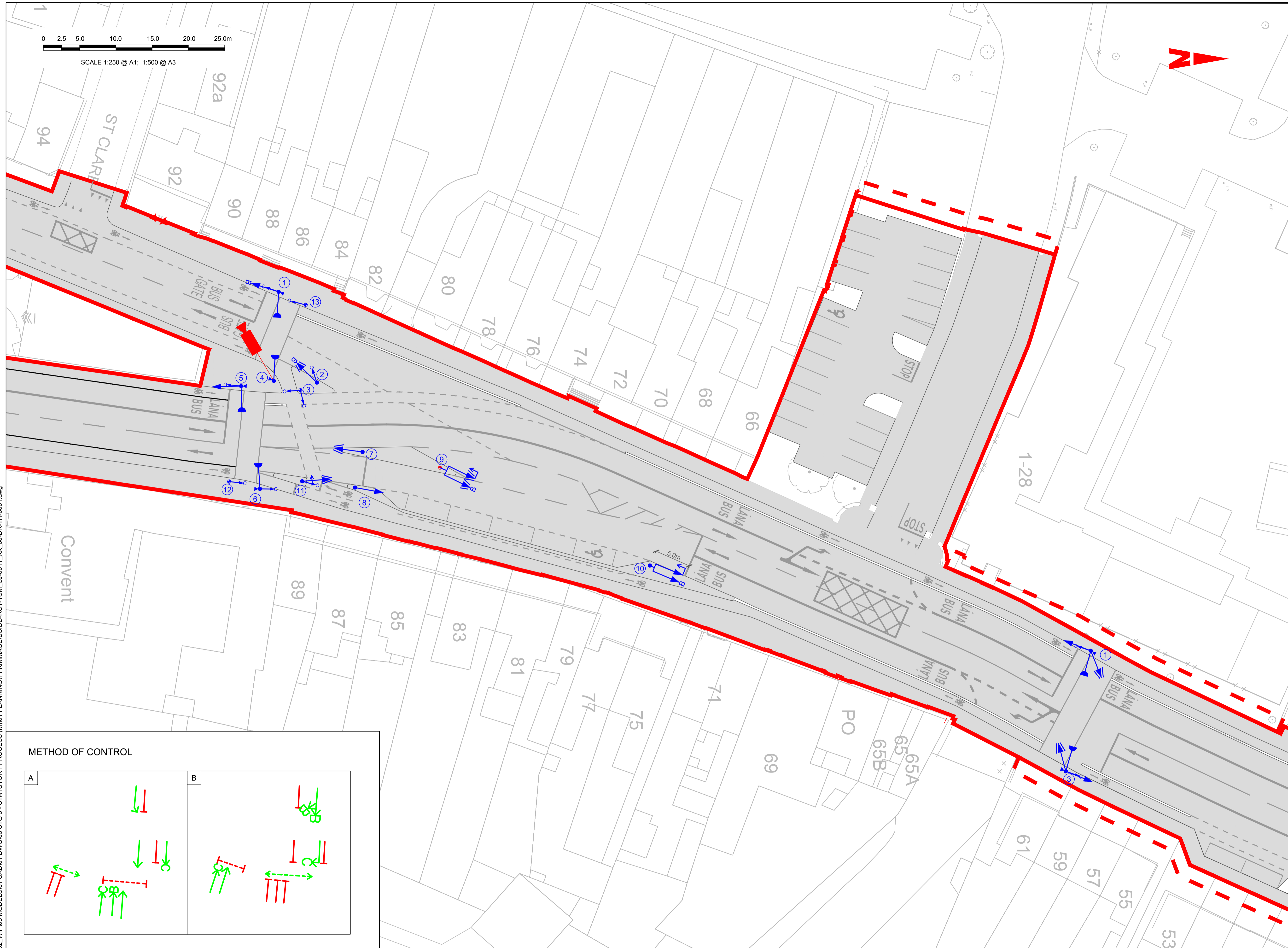
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Rev	Date	Dwn	Chk'd	App'd	Description														
M01	FEB 2023	AG	SMG	SMG	ISSUED FOR PHASE 4: PLANNING														
<p>Date: FEB 2023 Scale: 1:250 @ A1, 1:500 @ A3 Drawn: AG Checked: SMG Approved: SMG</p>						<p>Drawing Title</p> <p>KIMMAGE TO CITY CENTRE CORE BUS CORRIDOR SCHEME SYSTEM DESIGN PARKVIEW AVENUE/HANOLD'S CROSS ROAD JUNCTION</p>													
<p>Programme Code: BCIDD Originator Code: ROT QMS Code:</p>						<p>Drawing File Name: BCIDD-ROT-TSM_SJ-0011_XX_00-DR-TR-0008 Sheet Number: 08 of 16 Status: A Rev: M01</p>													

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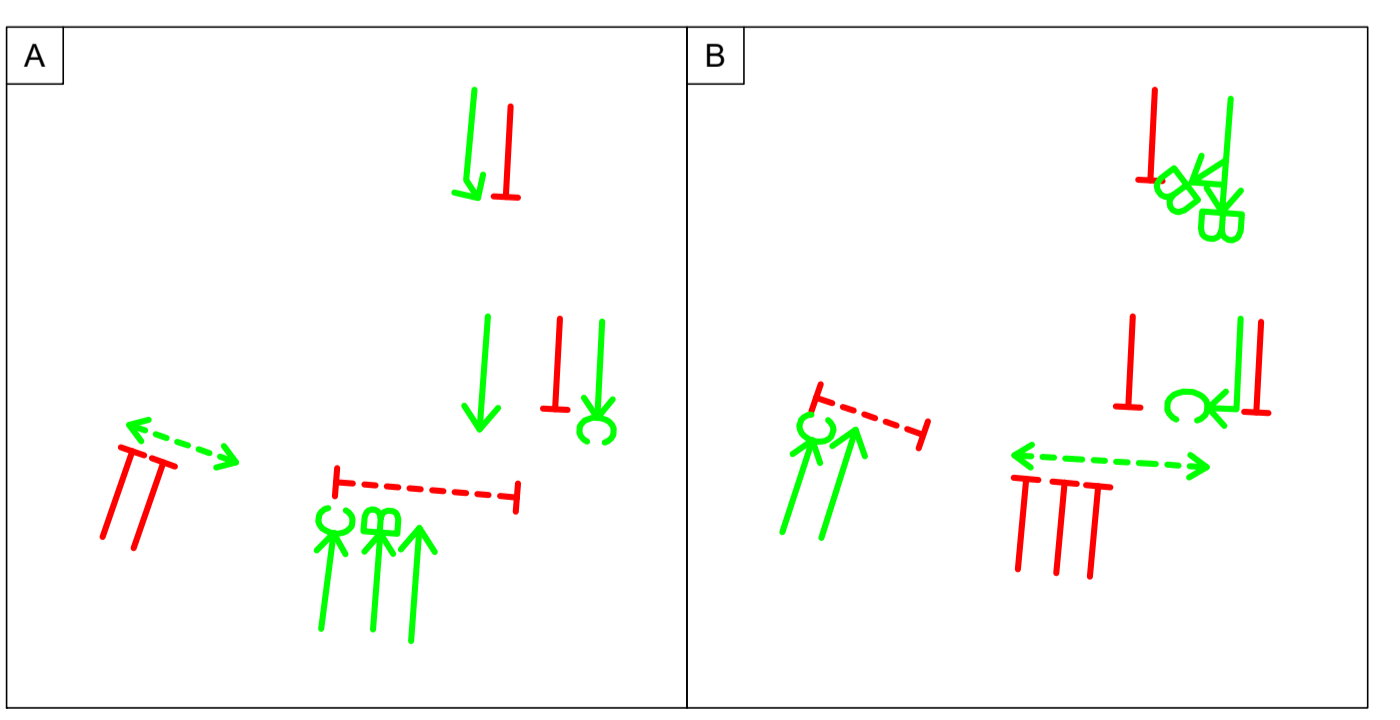


SCALE 1:250 @ A1; 1:500 @ A3



- LEGEND:**
- TRAFFIC SIGNAL HEADS:**
- RTS 001 PRIMARY
 - RTS 001 SECONDARY
 - RTS 002 PRIMARY
 - RTS 002 SECONDARY
 - RTS 002 PRIMARY
 - RTS 002 SECONDARY
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 - 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



\\vodubp1u201917117-02_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	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

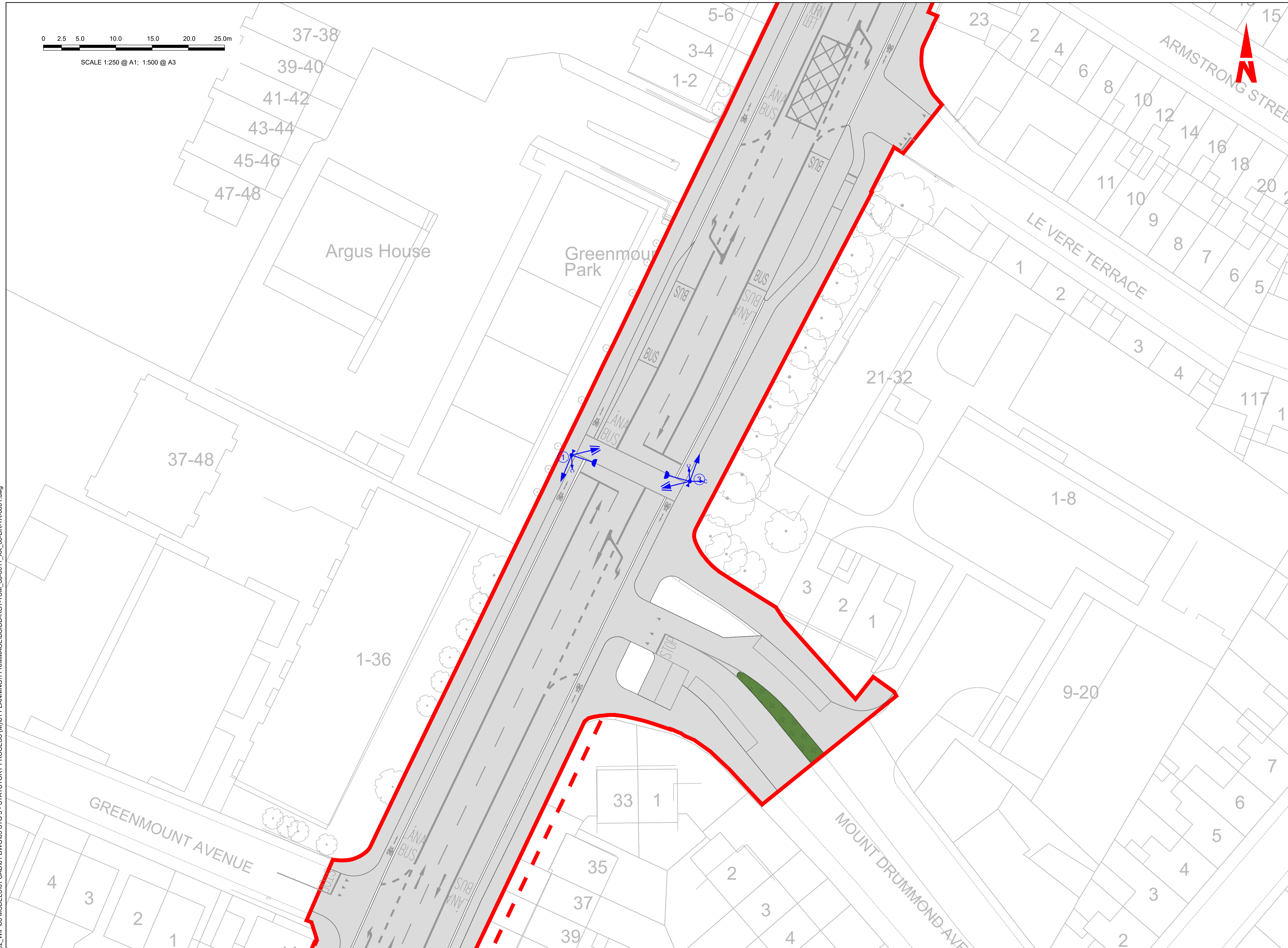
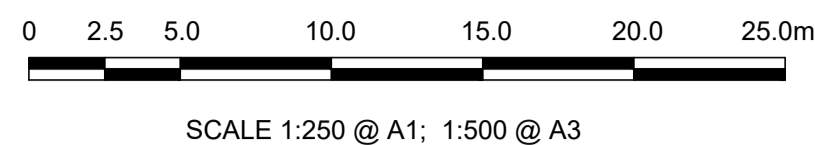
Engineering Designer: **PROD**
TYPSA

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 HAROLD'S CROSS RD JUNCTION			
Drawing File Name: BCIDD-ROT-TSM_SJ-0011_XX_00-DR-TR-0009	Sheet Number: 09 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
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 - 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

\\vodubp1u201917119117-02_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

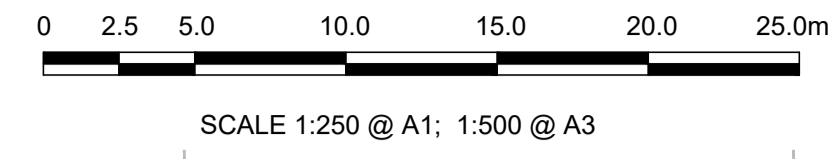
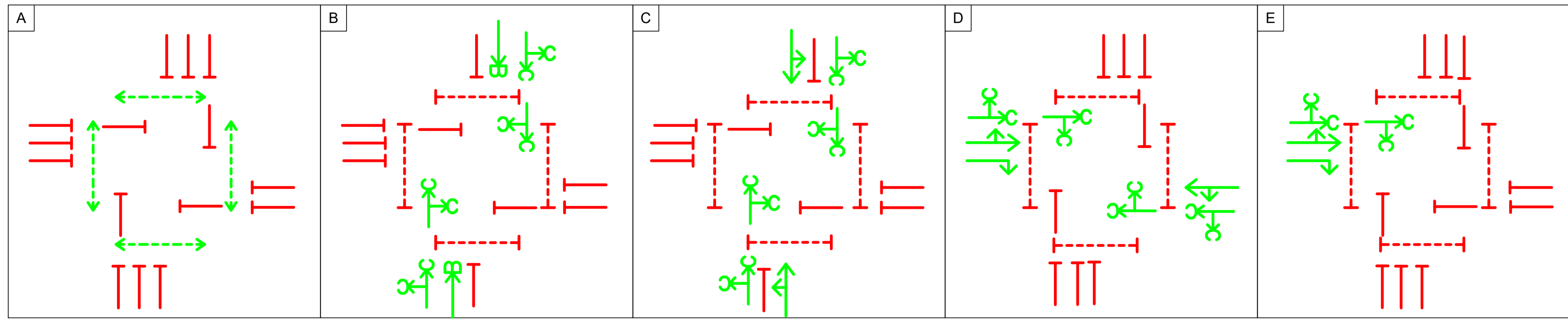
Programme Code: BCIDD
Originator Code: ROT

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

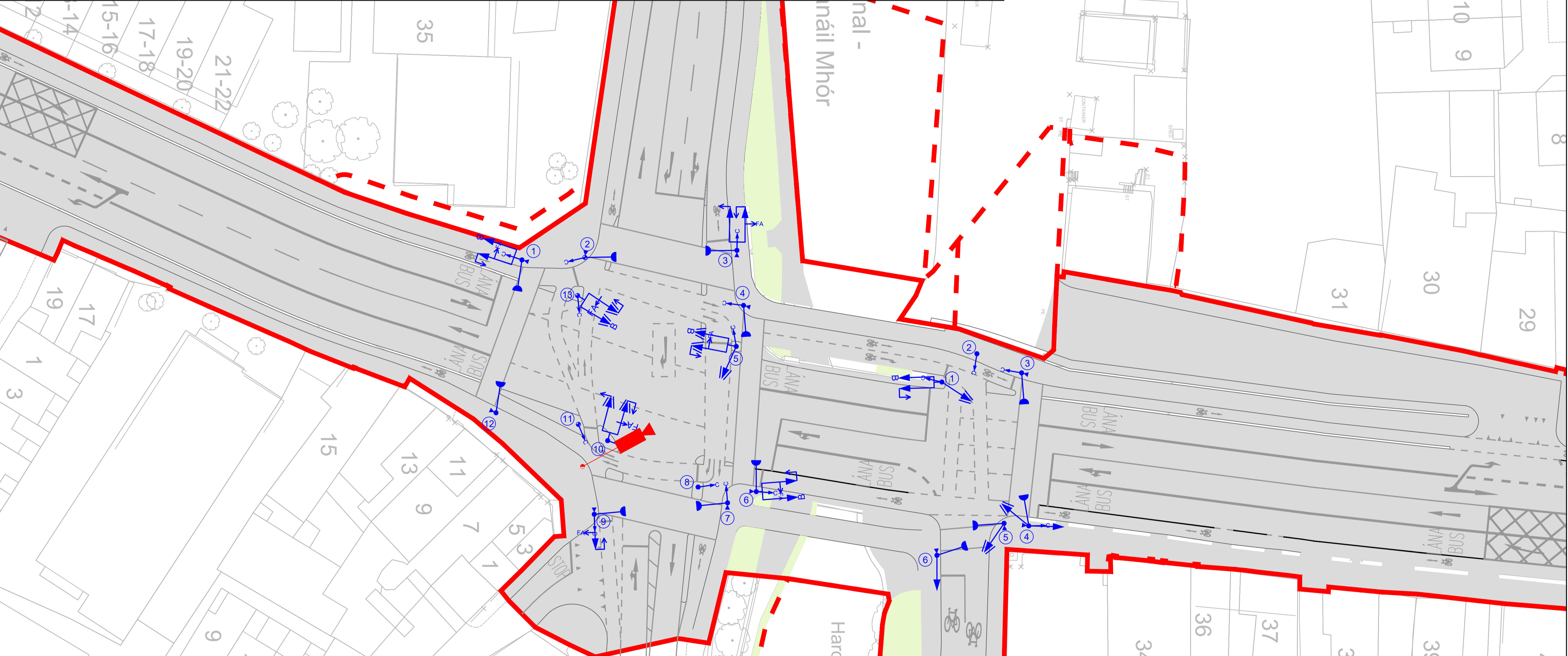
DO NOT SCALE USE FIGURED DIMENSIONS ONLY

METHOD OF CONTROL

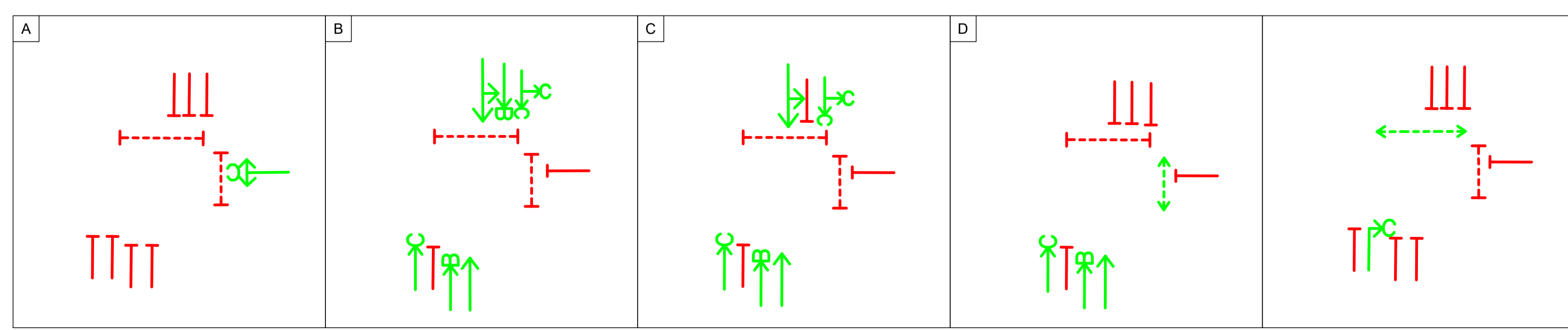


LEGEND:

- 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



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Project Ireland 2040
 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**

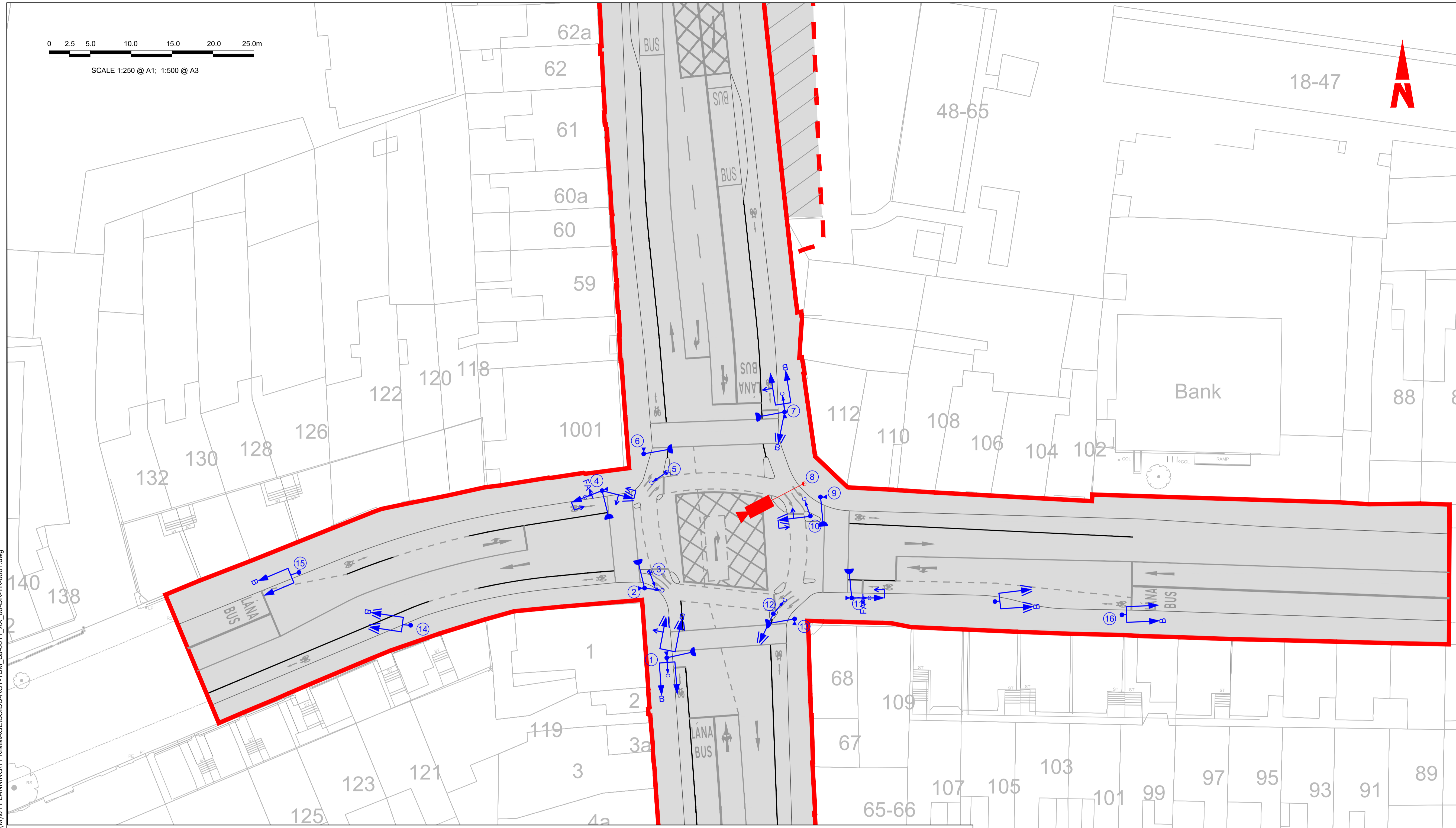
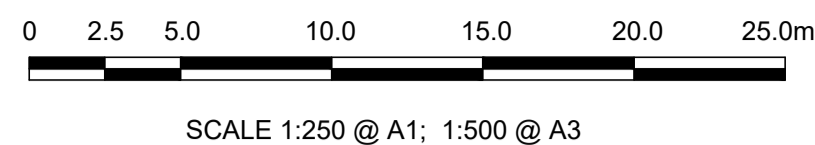
Programme Title
BUSCONNECTS DUBLIN
CORE BUS CORRIDORS INFRASTRUCTURE WORKS

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

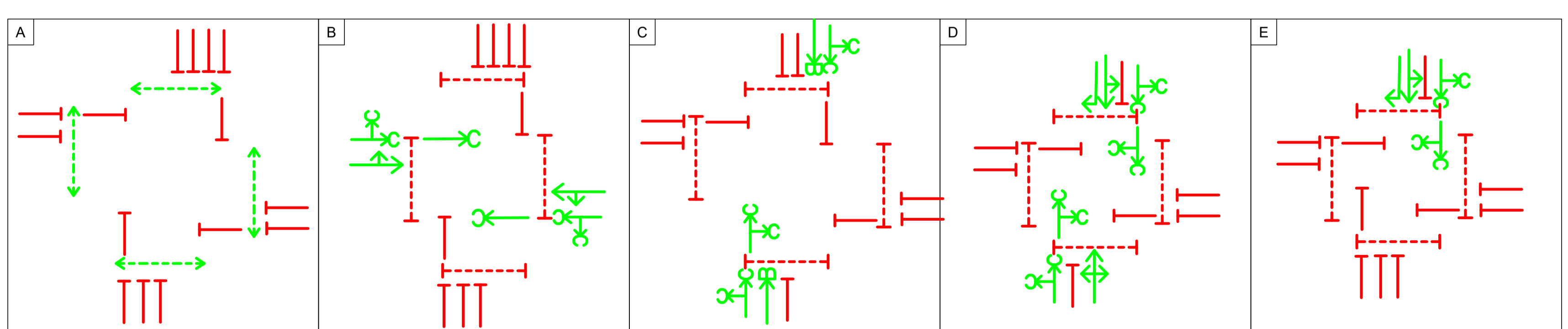
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\\vodubp1\U201919\17119117-02 - STATUTORY PROCESS (M)\01 PLANNING\11 KIMMAGE\BCIDD-ROT-TSM_SJ-0011_XX_00-DR-TR-0001.dwg



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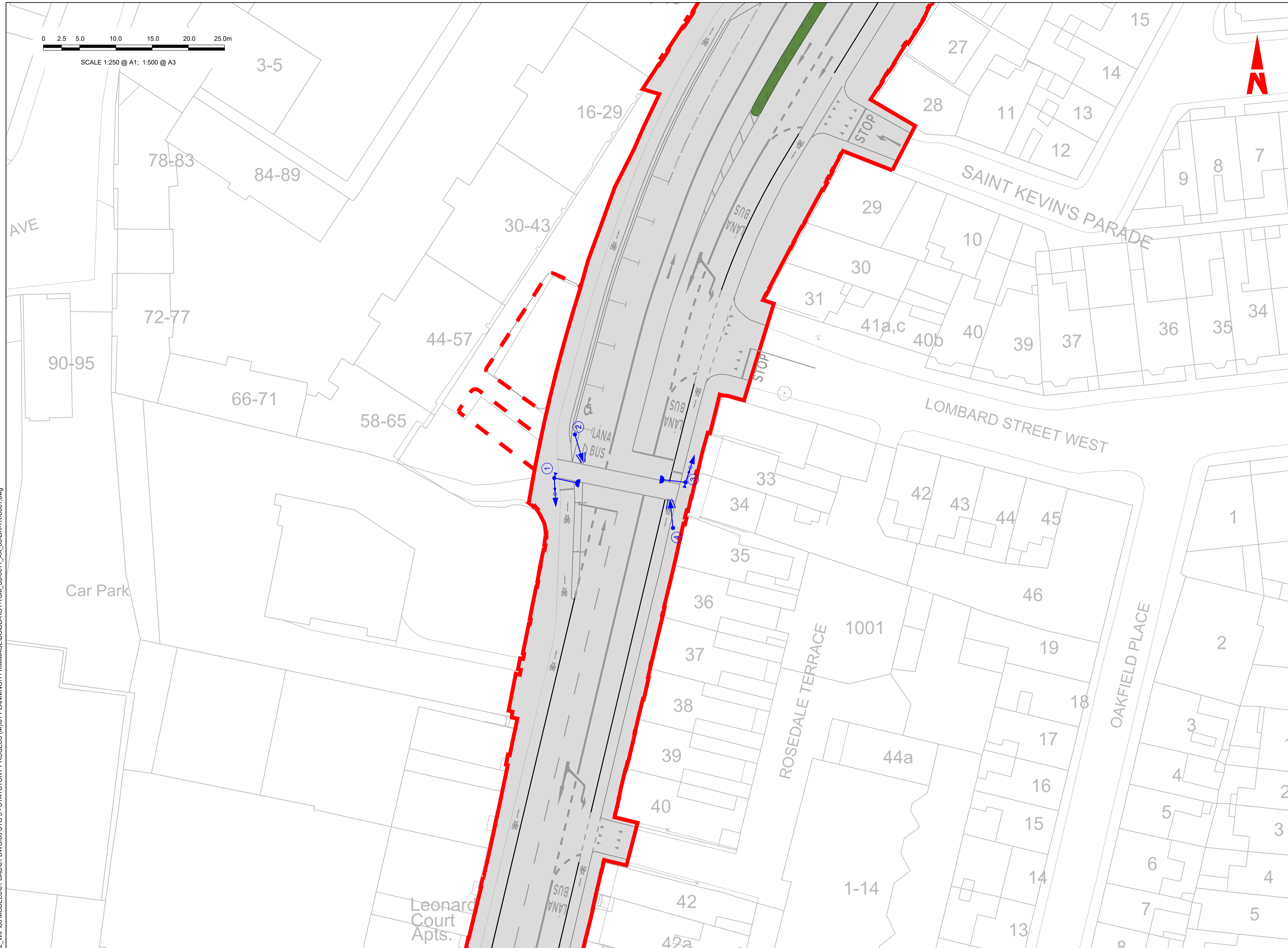
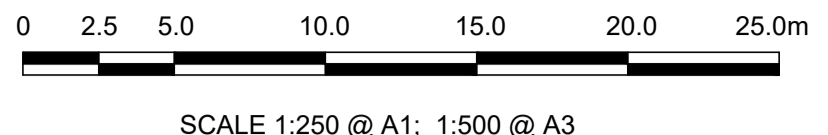
Rev	Date	Dwn	Chk'd	App'd	Description
M01	FEB 2023	AG	SMG	SMG	ISSUED FOR PHASE 4: PLANNING

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: **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:

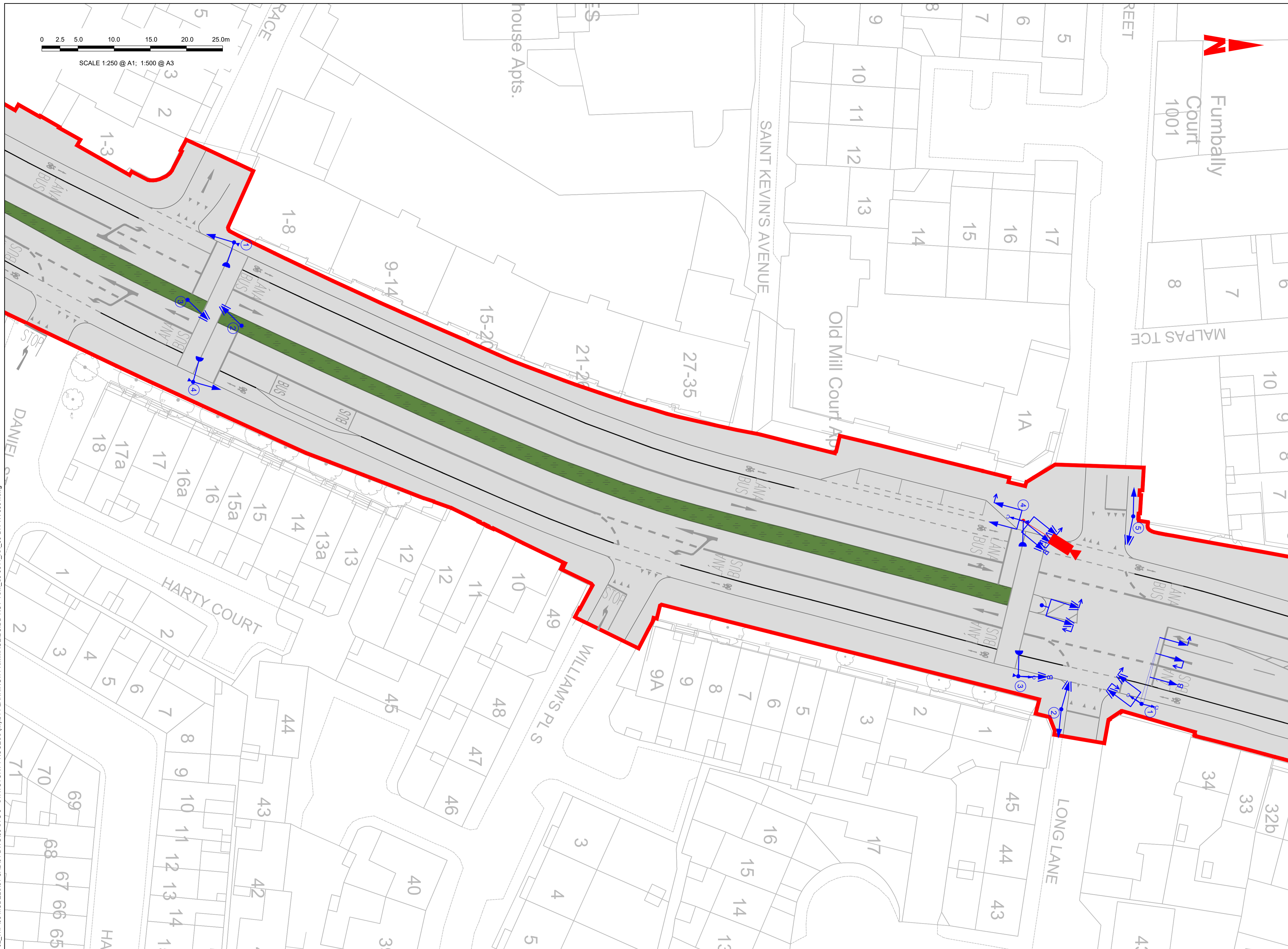
Programme Title: **BUSCONNECTS DUBLIN**
CORE BUS CORRIDORS INFRASTRUCTURE WORKS

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

DO NOT SCALE USE FIGURED DIMENSIONS ONLY

0 2.5 5.0 10.0 15.0 20.0 25.0m
SCALE 1:250 @ A1; 1:500 @ A3



LEGEND:

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

I:\projects\2021\191117-02_WIP\08 MODELS\01 CAD\01 DWG\01 STATUTORY PROCESS (M)\01 PLANNING\11 KIMMAGE\BICID-ROT-TSM_SJ-001_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
Údarás Náisiúnta Iompair
National Transport Authority

Date: FEB 2023

Scale: 1:250 @ A1
1:500 @ A3

Engineering Designer

PROD
TYPSA

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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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

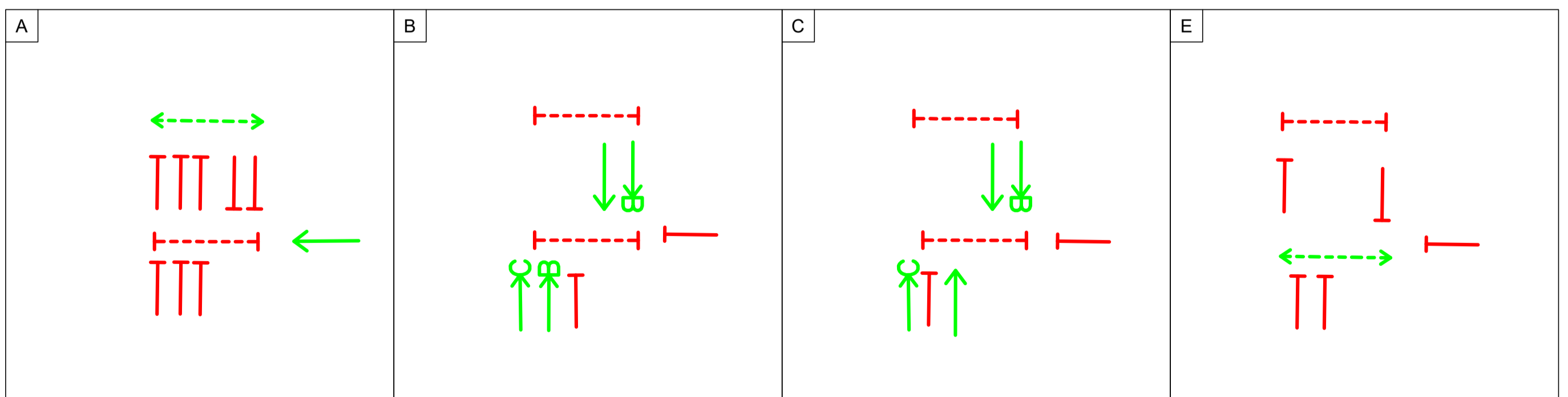
19

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
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 - 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: **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: []

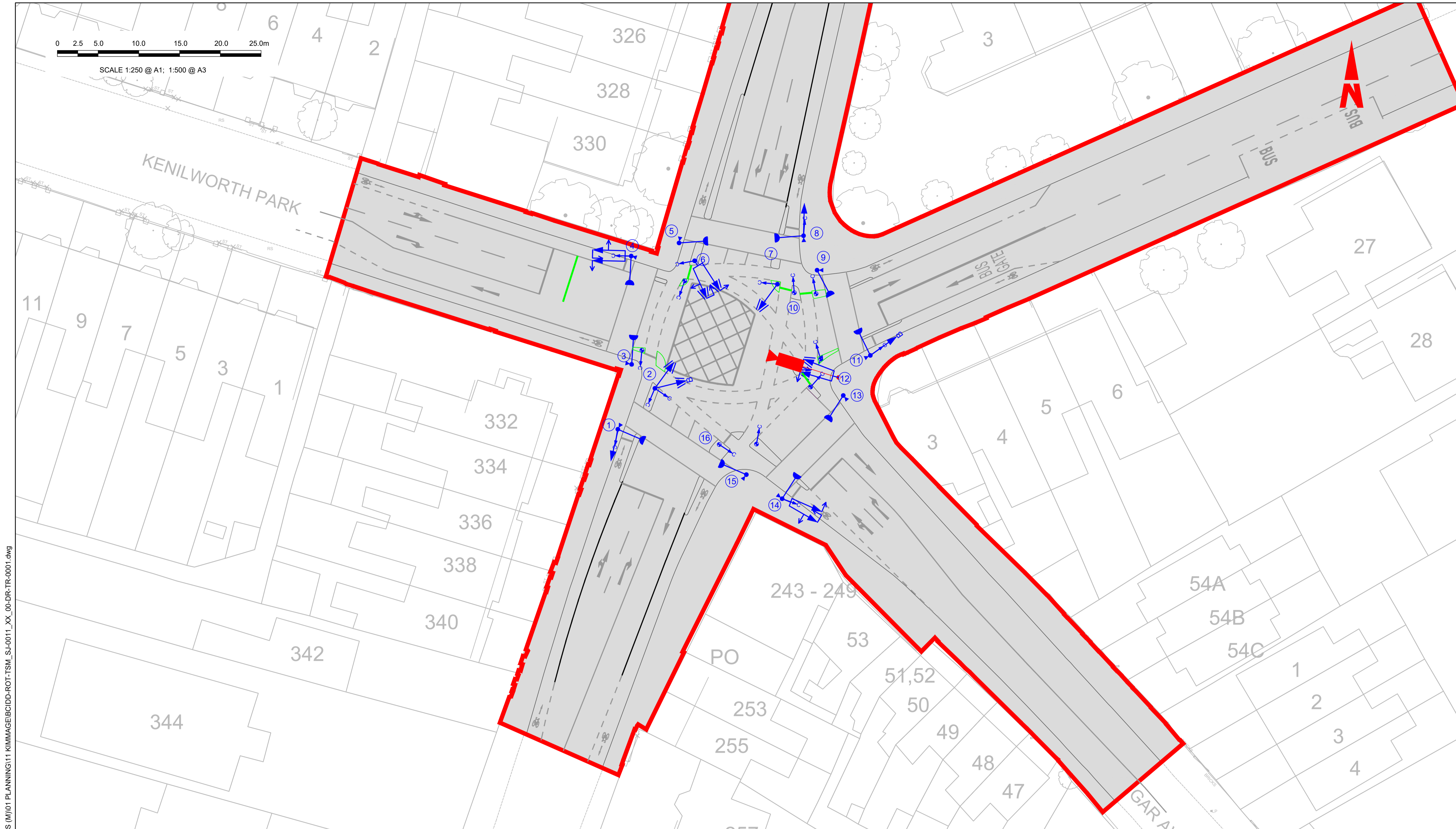
Rev	Date	Drm	Chk'd	App'd	Description
M01	FEB 2023	AG	SMG	SMG	ISSUED FOR PHASE 4: PLANNING

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

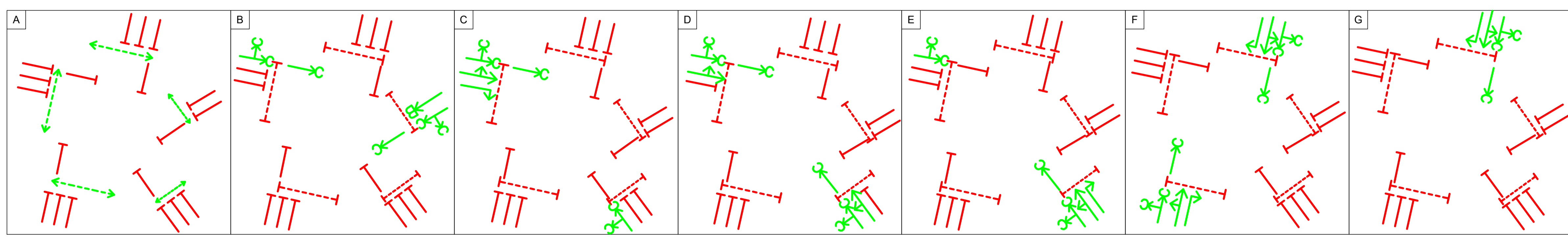
Drawing File Name: BCIDD-ROT-TSM_SJ-0011_XX_00-DR-TR-0015 | Sheet Number: 15 of 16 | Status: A | Rev: M01

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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
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 - 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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b. This drawing is to be used for the design element identified in the titlebox. Other information shown is to be considered indicative only. The drawing is to be read in conjunction with all other relevant design drawings.

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d. Information concerning the position of apparatus shown on this drawing is based on drawings supplied by the utility owners and/or the utility works contractor, whilst every care has been taken in the preparation of this drawing, positions should be taken as approximate and are intended for general guidance only and no representation is made by the NTA as to the accuracy, completeness, sufficiency or otherwise of this drawing and the position of the apparatus. The information contained herein does not purport to be comprehensive or final as the apparatus is subject to being altered and/or superceded. Recipients should not rely on this information. Any liabilities are hereby expressly disclaimed.

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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
KENILWORTH SQUARE

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

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