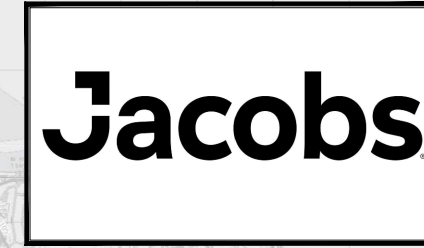


Junction  
Systems Design





# BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS

## SWORDS TO CITY CENTRE CORE BUS CORRIDOR SCHEME

### JUNCTION SYSTEM DESIGN

#### DRAWING SERIES NUMBER(S)

- BCIDB-JAC-TSM\_IX-0002\_XX\_00-DR-TR-0001 to 0002
- BCIDB-JAC-TSM\_KP-0002\_XX\_00-DR-TR-0001
- BCIDB-JAC-TSM\_SJ-0002\_XX\_00-DR-TR-0001
- BCIDB-JAC-TSM\_SJ-0002\_XX\_00-DR-TR-0002
- BCIDB-JAC-TSM\_SJ-0002\_XX\_00-DR-TR-0003
- BCIDB-JAC-TSM\_SJ-0002\_XX\_00-DR-TR-0004
- BCIDB-JAC-TSM\_SJ-0002\_XX\_00-DR-TR-0005
- BCIDB-JAC-TSM\_SJ-0002\_XX\_00-DR-TR-0006
- BCIDB-JAC-TSM\_SJ-0002\_XX\_00-DR-TR-0007
- BCIDB-JAC-TSM\_SJ-0002\_XX\_00-DR-TR-0008
- BCIDB-JAC-TSM\_SJ-0002\_XX\_00-DR-TR-0009
- BCIDB-JAC-TSM\_SJ-0002\_XX\_00-DR-TR-0010
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- BCIDB-JAC-TSM\_SJ-0002\_XX\_00-DR-TR-0012
- BCIDB-JAC-TSM\_SJ-0002\_XX\_00-DR-TR-0013
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- BCIDB-JAC-TSM\_SJ-0002\_XX\_00-DR-TR-0018
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- BCIDB-JAC-TSM\_SJ-0002\_XX\_00-DR-TR-0021
- BCIDB-JAC-TSM\_SJ-0002\_XX\_00-DR-TR-0022
- BCIDB-JAC-TSM\_SJ-0002\_XX\_00-DR-TR-0023
- BCIDB-JAC-TSM\_SJ-0002\_XX\_00-DR-TR-0024
- BCIDB-JAC-TSM\_SJ-0002\_XX\_00-DR-TR-0025

#### DRAWING SERIES DESCRIPTION

- SWORDS TO CITY CENTRE CORE BUS CORRIDOR SCHEME. SYSTEM DESIGN. COVER SHEET
- SWORDS TO CITY CENTRE CORE BUS CORRIDOR SCHEME. SYSTEM DESIGN. KEY PLAN
- SWORDS TO CITY CENTRE CORE BUS CORRIDOR SCHEME. SYSTEM DESIGN SWORDS ROAD / DUBLIN ROAD JUNCTION (PINNOCKHILL JUNCTION)
- SWORDS TO CITY CENTRE CORE BUS CORRIDOR SCHEME. SYSTEM DESIGN SWORDS ROAD / AIRSIDE / BOROIMHE ROAD JUNCTION
- SWORDS TO CITY CENTRE CORE BUS CORRIDOR SCHEME. SYSTEM DESIGN SWORDS ROAD / N1 BUSINEFM PARK PEDESTRIAN CROFMING
- SWORDS TO CITY CENTRE CORE BUS CORRIDOR SCHEME. SYSTEM DESIGN SWORDS ROAD / KETTLES LANE PEDESTRIAN CROFMING
- SWORDS TO CITY CENTRE CORE BUS CORRIDOR SCHEME. SYSTEM DESIGN SWORDS ROAD / NAUL ROAD JUNCTION
- SWORDS TO CITY CENTRE CORE BUS CORRIDOR SCHEME. SYSTEM DESIGN SWORDS ROAD / COACHMANS INN ACCEFFM PEDESTRIAN CROFMING
- SWORDS TO CITY CENTRE CORE BUS CORRIDOR SCHEME. SYSTEM DESIGN SWORDS ROAD / AIRPORT ACCEFFM / M1 LINK JUNCTION
- SWORDS TO CITY CENTRE CORE BUS CORRIDOR SCHEME. SYSTEM DESIGN SWORDS ROAD / GREEN LONG-TERM CAR PARK / KEALY'S JUNCTION
- SWORDS TO CITY CENTRE CORE BUS CORRIDOR SCHEME. SYSTEM DESIGN SWORDS ROAD / SOUTH CORBALLIS ROAD / RED LONG-TERM CAR PARK JUNCTION
- SWORDS TO CITY CENTRE CORE BUS CORRIDOR SCHEME. SYSTEM DESIGN SWORDS ROAD / OLD AIRPORT ROAD/ COLLINSTOWN AVENUE JUNCTION
- SWORDS TO CITY CENTRE CORE BUS CORRIDOR SCHEME. SYSTEM DESIGN SWORDS ROAD / QUICK PARK CAR PARK JUNCTION
- SWORDS TO CITY CENTRE CORE BUS CORRIDOR SCHEME. SYSTEM DESIGN SWORDS ROAD / ROYAL COLLEGE OF SURGEONS GROUND PEDESTRIAN CROFMING
- SWORDS TO CITY CENTRE CORE BUS CORRIDOR SCHEME. SYSTEM DESIGN SWORDS ROAD / TURNAPIN LANE JUNCTION
- SWORDS TO CITY CENTRE CORE BUS CORRIDOR SCHEME. SYSTEM DESIGN SWORDS ROAD / NORTHWOOD AVENUE JUNCTION
- SWORDS TO CITY CENTRE CORE BUS CORRIDOR SCHEME. SYSTEM DESIGN SWORDS ROAD / MORTON STADIUM PEDESTRIAN CROFMING
- SWORDS TO CITY CENTRE CORE BUS CORRIDOR SCHEME. SYSTEM DESIGN SWORDS ROAD / COOLOCK LANE JUNCTION
- SWORDS TO CITY CENTRE CORE BUS CORRIDOR SCHEME. SYSTEM DESIGN SWORDS ROAD / SANTRY AVENUE JUNCTION
- SWORDS TO CITY CENTRE CORE BUS CORRIDOR SCHEME. SYSTEM DESIGN SWORDS ROAD / MAGENTA CRESENT PEDESTRIAN CROFMING
- SWORDS TO CITY CENTRE CORE BUS CORRIDOR SCHEME. SYSTEM DESIGN SWORDS ROAD / OMNI PARK / LORCAN ROAD JUNCTION
- SWORDS TO CITY CENTRE CORE BUS CORRIDOR SCHEME. SYSTEM DESIGN SWORDS ROAD / SHANOWEN ROAD JUNCTION
- SWORDS TO CITY CENTRE CORE BUS CORRIDOR SCHEME. SYSTEM DESIGN SWORDS ROAD / SHANRATH JUNCTION
- SWORDS TO CITY CENTRE CORE BUS CORRIDOR SCHEME. SYSTEM DESIGN SWORDS ROAD / SHANTALLA ROAD JUNCTION
- SWORDS TO CITY CENTRE CORE BUS CORRIDOR SCHEME. SYSTEM DESIGN SWORDS ROAD / HOLY CHILD CHURCH PEDESTRIAN CROFMING
- SWORDS TO CITY CENTRE CORE BUS CORRIDOR SCHEME. SYSTEM DESIGN SWORDS ROAD / COLLINS AVENUE JUNCTION
- SWORDS TO CITY CENTRE CORE BUS CORRIDOR SCHEME. SYSTEM DESIGN SWORDS ROAD / IVERAGH ROAD JUNCTION

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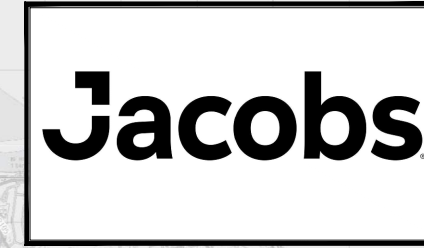
Rev	Date	Drn	Chk'd	App'd	Description
M01	06/04/2023	FM	IL	HOS	ISSUE FOR PHASE 4: PLANNING

Date	06/04/2023	Scale	NTS @ A1 NTS @ A3
Project Code	BCIDB	Originator Code	JAC
Engineering Designer	Drawn	Checked	Approved
	FM	IL	HOS

<b>Programme Title</b> <b>BUSCONNECTS DUBLIN</b> <b>CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>			
<b>Drawing Title</b> SWORDS TO CITY CENTRE CORE BUS CORRIDOR SCHEME JUNCTION SYSTEMS DESIGN COVER SHEET			
Drawing File Name	Sheet Number	Status	Rev
BCIDB-JAC-TSM_IX -0002_XX_00-DR-TR-0001	01 of 02	A	M01

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# BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS

## SWORDS TO CITY CENTRE CORE BUS CORRIDOR SCHEME

### JUNCTION SYSTEM DESIGN

#### DRAWING SERIES NUMBER(S)

- BCIDB-JAC-TSM\_SJ-0002\_XX\_00-DR-TR-0026
- BCIDB-JAC-TSM\_SJ-0002\_XX\_00-DR-TR-0027
- BCIDB-JAC-TSM\_SJ-0002\_XX\_00-DR-TR-0028
- BCIDB-JAC-TSM\_SJ-0002\_XX\_00-DR-TR-0029
- BCIDB-JAC-TSM\_SJ-0002\_XX\_00-DR-TR-0030
- BCIDB-JAC-TSM\_SJ-0002\_XX\_00-DR-TR-0031
- BCIDB-JAC-TSM\_SJ-0002\_XX\_00-DR-TR-0032
- BCIDB-JAC-TSM\_SJ-0002\_XX\_00-DR-TR-0033
- BCIDB-JAC-TSM\_SJ-0002\_XX\_00-DR-TR-0034
- BCIDB-JAC-TSM\_SJ-0002\_XX\_00-DR-TR-0035
- BCIDB-JAC-TSM\_SJ-0002\_XX\_00-DR-TR-0036
- BCIDB-JAC-TSM\_SJ-0002\_XX\_00-DR-TR-0037
- BCIDB-JAC-TSM\_SJ-0002\_XX\_00-DR-TR-0038
- BCIDB-JAC-TSM\_SJ-0002\_XX\_00-DR-TR-0039
- BCIDB-JAC-TSM\_SJ-0002\_XX\_00-DR-TR-0040
- BCIDB-JAC-TSM\_SJ-0002\_XX\_00-DR-TR-0041
- BCIDB-JAC-TSM\_SJ-0002\_XX\_00-DR-TR-0042
- BCIDB-JAC-TSM\_SJ-0002\_XX\_00-DR-TR-0043
- BCIDB-JAC-TSM\_SJ-0002\_XX\_00-DR-TR-0044

#### DRAWING SERIES DESCRIPTION

- SWORDS TO CITY CENTRE CORE BUS CORRIDOR SCHEME. SYSTEM DESIGN SWORDS ROAD / HIGHFIELD HOSPITAL PEDESTRIAN CROFMING
- SWORDS TO CITY CENTRE CORE BUS CORRIDOR SCHEME. SYSTEM DESIGN SWORDS ROAD / SEVEN OAKS JUNCTION
- SWORDS TO CITY CENTRE CORE BUS CORRIDOR SCHEME. SYSTEM DESIGN SWORDS ROAD / GRIFFITH DOWNS PEDESTRIAN CROFMING
- SWORDS TO CITY CENTRE CORE BUS CORRIDOR SCHEME. SYSTEM DESIGN SWORDS ROAD / GRIFFITH AVENUE JUNCTION
- SWORDS TO CITY CENTRE CORE BUS CORRIDOR SCHEME. SYSTEM DESIGN UPPER DRUMCONDRA ROAD / HOME FARM ROAD JUNCTION
- SWORDS TO CITY CENTRE CORE BUS CORRIDOR SCHEME. SYSTEM DESIGN UPPER DRUMCONDRA ROAD / EBYLON HOTEL PEDESTRIAN CROFMING
- SWORDS TO CITY CENTRE CORE BUS CORRIDOR SCHEME. SYSTEM DESIGN UPPER DRUMCONDRA ROAD / ORMOND ROAD PEDESTRIAN CROFMING
- SWORDS TO CITY CENTRE CORE BUS CORRIDOR SCHEME. SYSTEM DESIGN UPPER DRUMCONDRA ROAD / RICHMOND ROAD / MILLMOUNT AVENUE JUNCTION
- SWORDS TO CITY CENTRE CORE BUS CORRIDOR SCHEME. SYSTEM DESIGN UPPER DRUMCONDRA ROAD / BOTANIC AVENUE / CIAN PARK JUNCTION
- SWORDS TO CITY CENTRE CORE BUS CORRIDOR SCHEME. SYSTEM DESIGN DRUMCONDRA ROAD LOWER / CLONLIFFE ROAD JUNCTION
- SWORDS TO CITY CENTRE CORE BUS CORRIDOR SCHEME. SYSTEM DESIGN DRUMCONDRA ROAD LOWER / WHITWORTH PLACE / WHITWORTH ROAD JUNCTION
- SWORDS TO CITY CENTRE CORE BUS CORRIDOR SCHEME. SYSTEM DESIGN DORSET STREET LOWER / BELVIDERE ROAD / INNISFALLIN PARADE JUNCTION
- SWORDS TO CITY CENTRE CORE BUS CORRIDOR SCHEME. SYSTEM DESIGN DORSET STREET LOWER / NORTH CIRCULAR ROAD JUNCTION
- SWORDS TO CITY CENTRE CORE BUS CORRIDOR SCHEME. SYSTEM DESIGN DORSET STREET LOWER / SYNOTT PLACE JUNCTION
- SWORDS TO CITY CENTRE CORE BUS CORRIDOR SCHEME. SYSTEM DESIGN DORSET STREET UPPER / ECCLES STREET JUNCTION
- SWORDS TO CITY CENTRE CORE BUS CORRIDOR SCHEME. SYSTEM DESIGN DORSET STREET UPPER / BLEFMINGTON STREET / NORTH FREDRICK STREET JUNCTION
- SWORDS TO CITY CENTRE CORE BUS CORRIDOR SCHEME. SYSTEM DESIGN NORTH FREDRICK STREET / PARNELL SQUARE NORTH JUNCTION
- SWORDS TO CITY CENTRE CORE BUS CORRIDOR SCHEME. SYSTEM DESIGN DORSET STREET UPPER / GRANBY ROW / ST. MARY'S PLACE JUNCTION
- SWORDS TO CITY CENTRE CORE BUS CORRIDOR SCHEME. SYSTEM DESIGN SANTRY VILLAGE PEDESTRIAN CROFMING / COOLOCK LANE-OAK AVE JUNCTION

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Rev	Date	Drn	Chk'd	App'd	Description
M01	06/04/2023	FM	IL	HOS	ISSUE FOR PHASE 4: PLANNING

Client		Engineering Designer	
Date	Scale	Drawn	Checked
06/04/2023	NTS @ A1	FM	IL
	NTS @ A3		HOS
Project Code	Originator Code	QMS Code	
BCIDB	JAC		

Programme Title			
BUSCONNECTS DUBLIN			
CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title			
SWORDS TO CITY CENTRE CORE BUS CORRIDOR SCHEME			
JUNCTION SYSTEMS DESIGN			
COVER SHEET			
Drawing File Name	Sheet Number	Status	Rev
BCIDB-JAC-TSM_IX -0002_XX_00-DR-TR-0002	02 of 02	A	M01

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Rev	Date	Drn	Chk'd	App'd	Description
M01	06/04/2023	FM	IL	HOS	ISSUE FOR PHASE 4: PLANNING

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

Engineering Designer: **Jacobs**

Date: 06/04/2023  
Scale: 1:15000 @ A1  
1:30000 @ A3

Project Code: BCIDB  
Originator Code: JAC

Drawn: FM  
Checked: IL  
Approved: HOS

QMS Code:

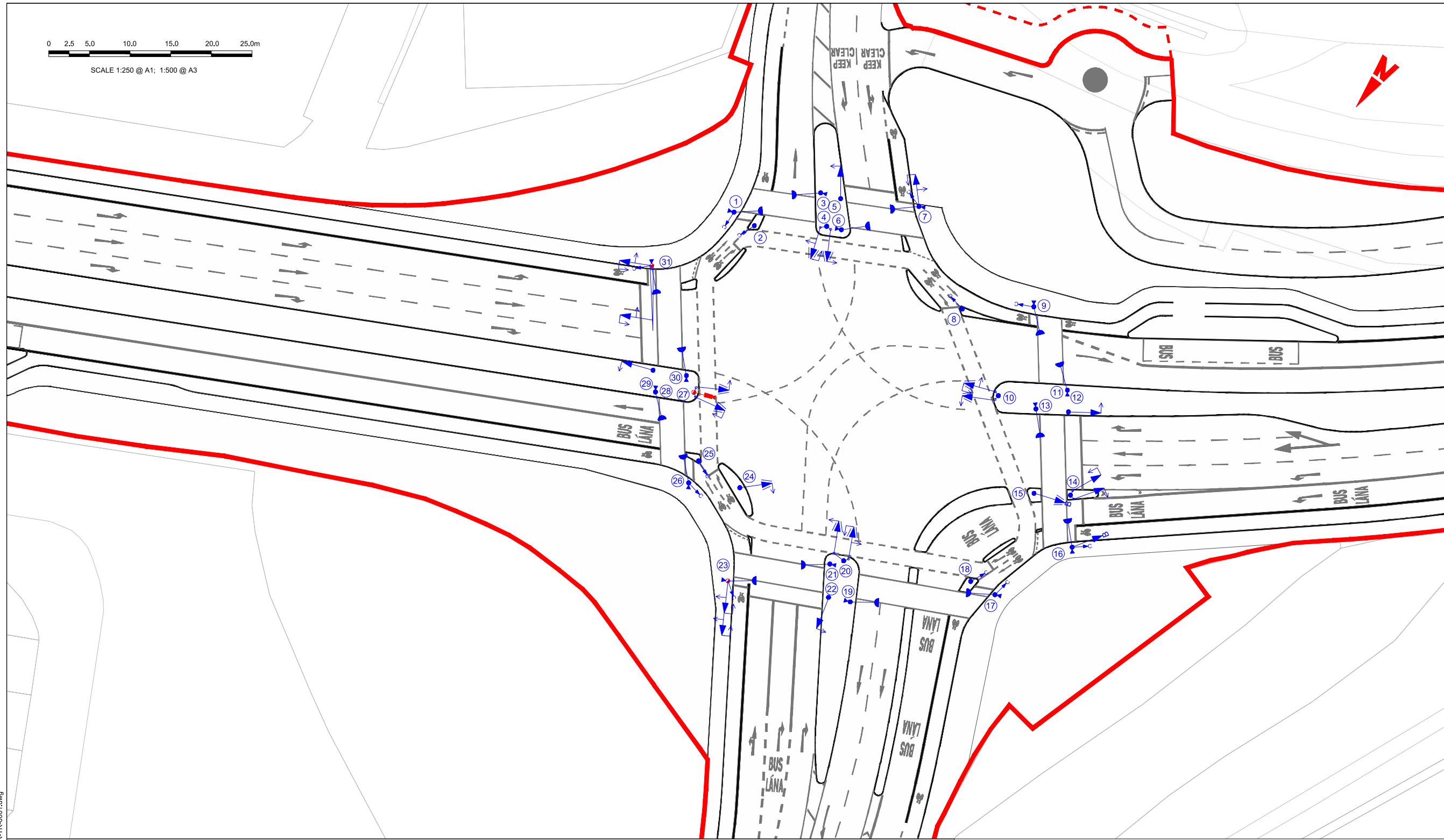
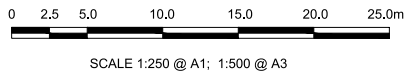
Programme Title: **BUSCONNECTS DUBLIN**  
**CORE BUS CORRIDORS INFRASTRUCTURE WORKS**

Drawing Title: **SWORDS TO CITY CENTRE CORE BUS CORRIDOR SCHEME**  
JUNCTION SYSTEMS DESIGN  
KEY PLAN

Drawing File Name: BCIDB-JAC-TSM\_KP-0002\_XX\_00-DR-TR-0001  
Sheet Number: 01 of 01  
Status: A  
Rev: M01

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**LEGEND:**

**TRAFFIC SIGNAL HEADS:**

RTS 001

RTS 002

RTS 003

RTS 007

RPC 004

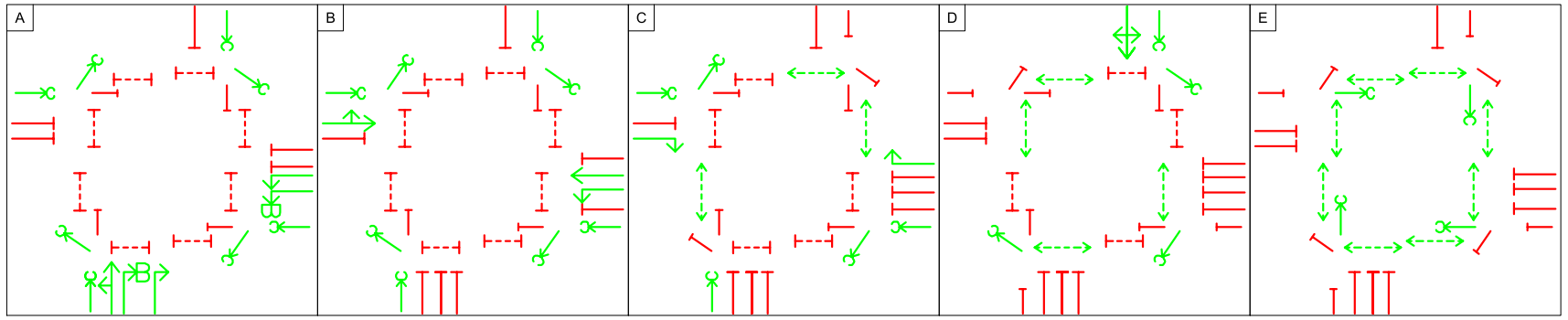
**TRAFFIC SIGNAL EQUIPMENT:**

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

**GENERAL:**

- SITE BOUNDARY LINE
- TEMPORARY LAND ACQUISITION

**INDICATIVE METHOD OF CONTROL**



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Rev	Date	Drn	Chk'd	App'd	Description
M01	06/04/2023	FM	IL	HOS	ISSUE FOR PHASE 4: PLANNING

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

Engineering Designer: **Jacobs**

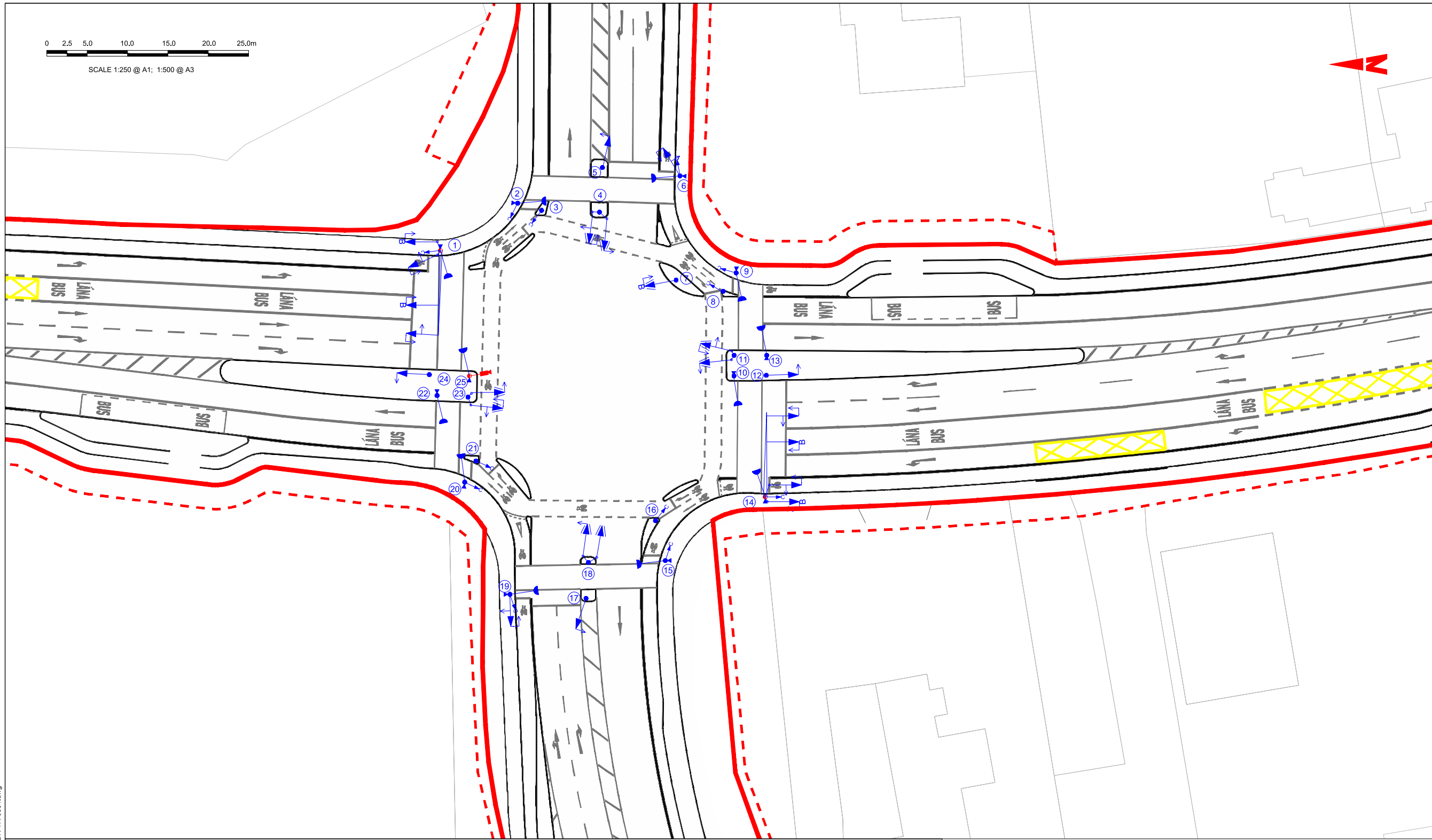
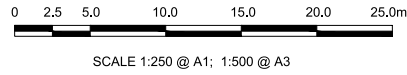
Date	Scale	Drawn	Checked	Approved
06/04/2023	1:250 @ A1 1:500 @ A3	FM	IL	HOS
Project Code	Originator Code	QMS Code		
BCIDB	JAC			

Programme Title: <b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>			
Drawing Title: <b>SWORDS TO CITY CENTRE CORE BUS CORRIDOR SCHEME JUNCTION SYSTEM DESIGN SWORDS ROAD / DUBLIN ROAD JUNCTION (PINNOCKHILL JUNCTION)</b>			
Drawing File Name: BCIDB-JAC-TSM_SJ-0002_XX_00-DR-TR-0001	Sheet Number: 01 of 44	Status: A	Rev: M01

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**LEGEND:**

**TRAFFIC SIGNAL HEADS:**

RTS 001

RTS 002

RTS 003

RTS 007

RPC 004

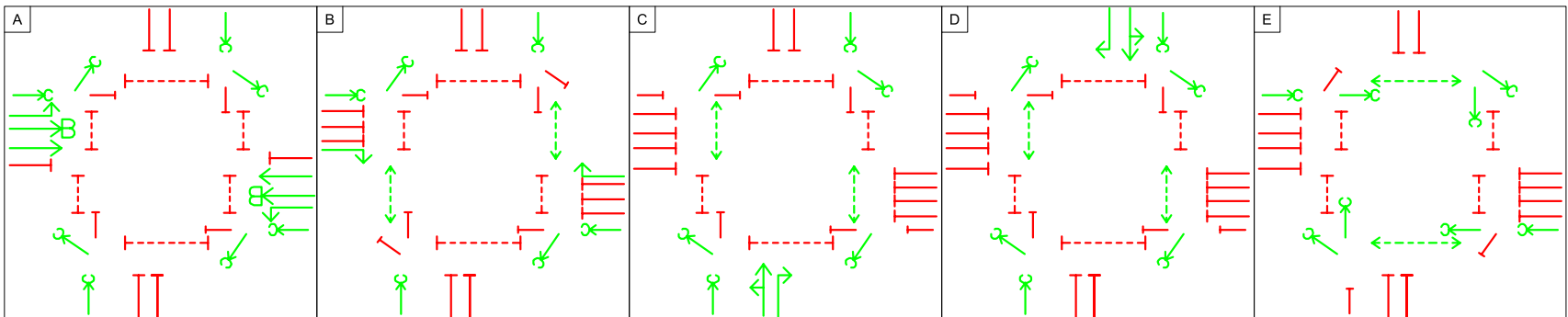
**TRAFFIC SIGNAL EQUIPMENT:**

- POLE (STANDARD HEIGHT)
- TALL POLE (CCTV/TRAFFIC SIGNALS)
- ⊙ POLE NUMBER
- ⊕ PUSH BUTTON UNIT
- CCTV CAMERA

**GENERAL:**

- SITE BOUNDARY LINE
- - - TEMPORARY LAND ACQUISITION

**INDICATIVE METHOD OF CONTROL**



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Rev	Date	Drn	Chk'd	App'd	Description
M01	06/04/2023	FM	IL	HOS	ISSUE FOR PHASE 4: PLANNING

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

Engineering Designer: **Jacobs**

Date: 06/04/2023 | Scale: 1:250 @ A1, 1:500 @ A3 | Drawn: FM | Checked: IL | Approved: HOS

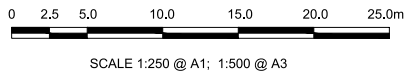
Project Code: BCIDB | Originator Code: JAC | QMS Code:

Programme Title: <b>BUSCONNECTS DUBLIN</b>			
CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title: SWORDS TO CITY CENTRE CORE BUS CORRIDOR SCHEME JUNCTION SYSTEM DESIGN SWORDS ROAD / AIRSIDE / BOROIMHE ROAD JUNCTION			
Drawing File Name: BCIDB-JAC-TSM_SJ-0002_XX_00-DR-TR-0002	Sheet Number: 02 of 44	Status: A	Rev: M01

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**LEGEND:**

**TRAFFIC SIGNAL HEADS:**

- RTS 001: [Symbol]
- RTS 002: [Symbol]
- RTS 003: [Symbol]
- RTS 007: [Symbol]

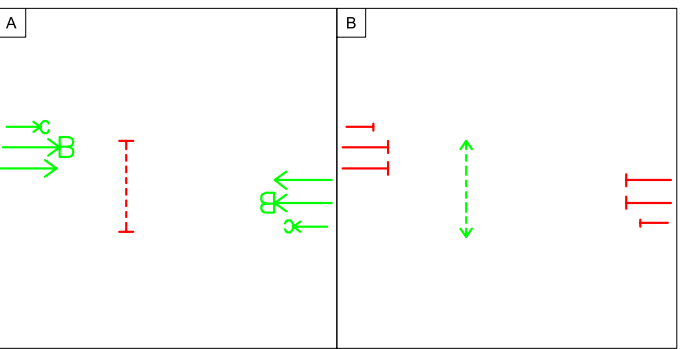
**TRAFFIC SIGNAL EQUIPMENT:**

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

**GENERAL:**

- SITE BOUNDARY LINE
- TEMPORARY LAND ACQUISITION

**INDICATIVE METHOD OF CONTROL**



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Rev	Date	Drn	Chk'd	App'd	Description
M01	06/04/2023	FM	IL	HOS	ISSUE FOR PHASE 4: PLANNING

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

Engineering Designer: **Jacobs**

Date	Scale	Drawn	Checked	Approved
06/04/2023	1:250 @ A1 1:500 @ A3	FM	IL	HOS
Project Code	Originator Code	QMS Code		
BCIDB	JAC			

Programme Title: <b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>			
Drawing Title: <b>SWORDS TO CITY CENTRE CORE BUS CORRIDOR SCHEME JUNCTION SYSTEM DESIGN SWORDS ROAD / N1 BUSINESS PARK PEDESTRIAN CROSSING</b>			
Drawing File Name	Sheet Number	Status	Rev
BCIDB-JAC-TSM_SJ-0002_XX_00-DR-TR-0003	03 of 44	A	M01

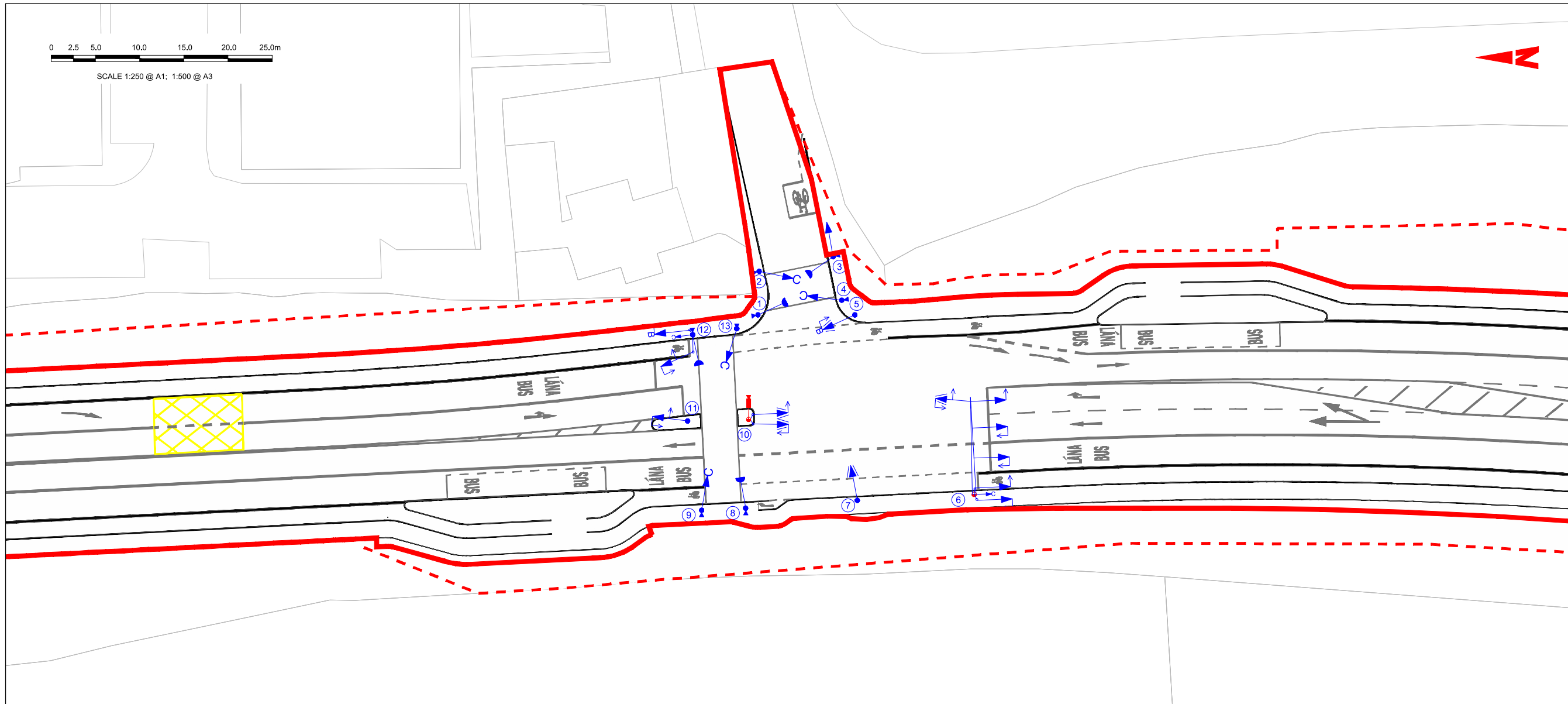
DO NOT SCALE USE FIGURED DIMENSIONS ONLY

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



**LEGEND:**

**TRAFFIC SIGNAL HEADS:**

RTS 001

RTS 002

RTS 003

RTS 007

RPC 004

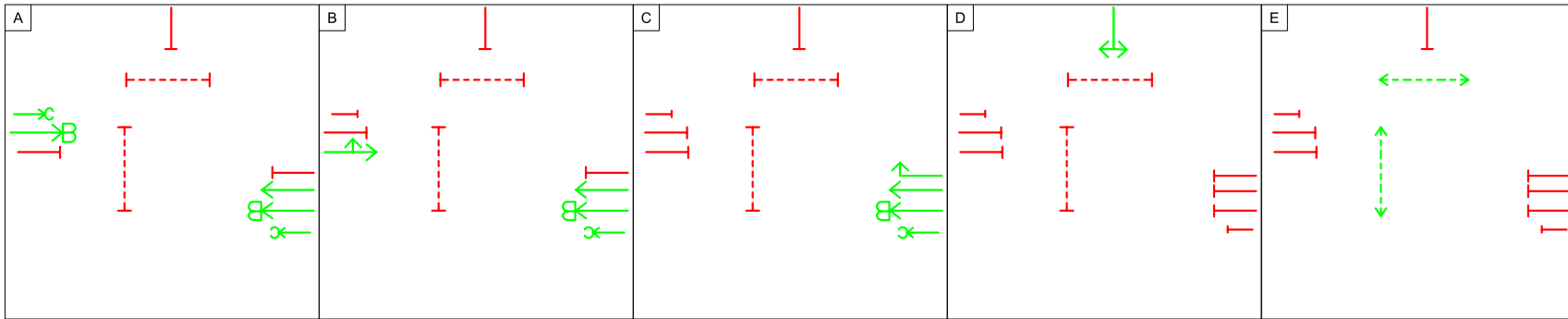
**TRAFFIC SIGNAL EQUIPMENT:**

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

**GENERAL:**

- SITE BOUNDARY LINE
- TEMPORARY LAND ACQUISITION

**INDICATIVE METHOD OF CONTROL**



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Rev	Date	Drn	Chk'd	App'd	Description
M01	06/04/2023	FM	IL	HOS	ISSUE FOR PHASE 4: PLANNING

Client

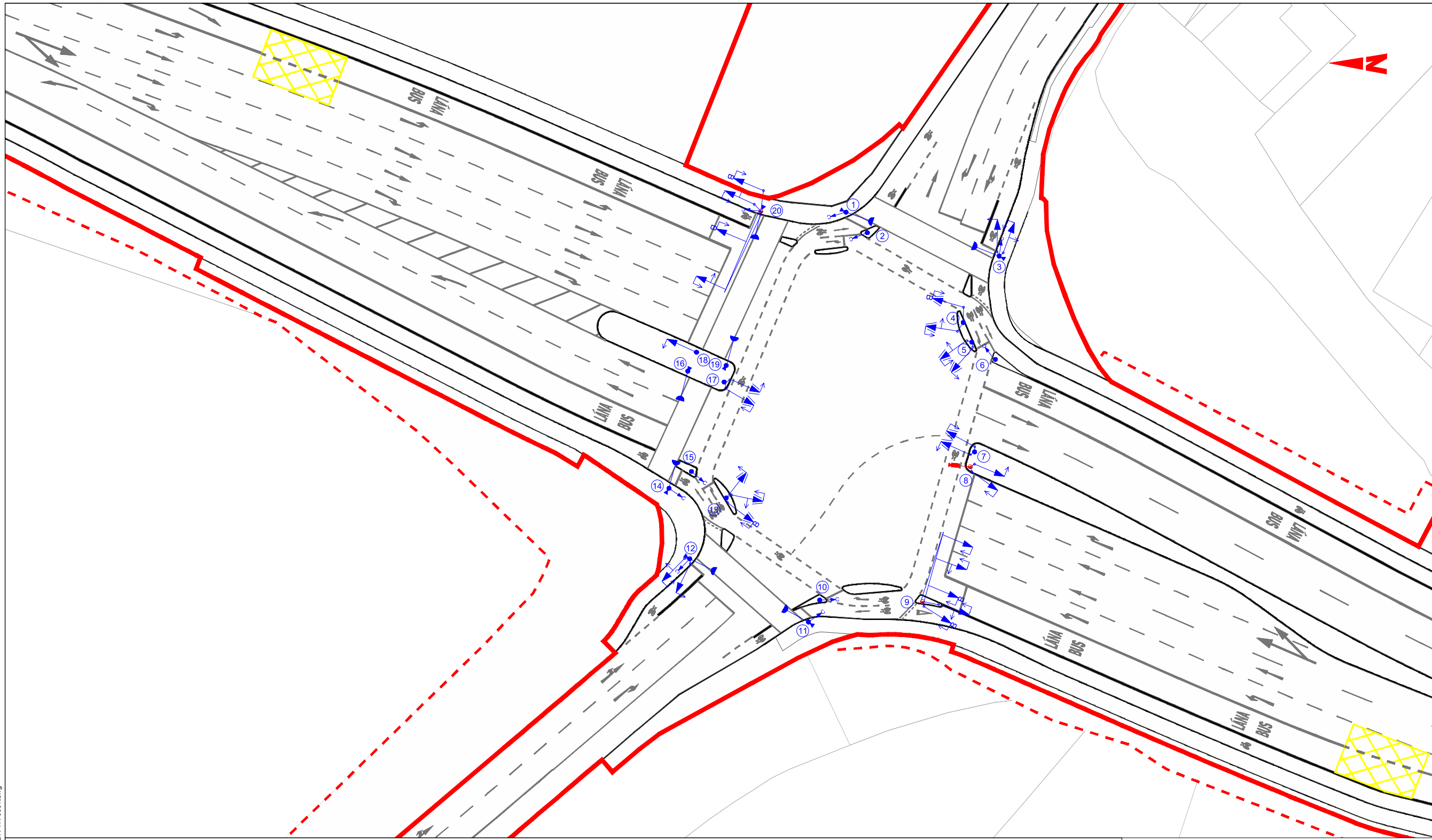
Engineering Designer

Programme Title			
<b>BUSCONNECTS DUBLIN</b>			
<b>CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>			
Drawing Title			
SWORDS TO CITY CENTRE CORE BUS CORRIDOR SCHEME			
JUNCTION SYSTEM DESIGN			
SWORDS ROAD / KETTLES LANE PEDESTRIAN CROSSING			
Drawing File Name	Sheet Number	Status	Rev
BCIDB-JAC-TSM_SJ-0002_XX_00-DR-TR-0004	04 of 44	A	M01

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**LEGEND:**

**TRAFFIC SIGNAL HEADS:**

RTS 001: [Symbol]

RTS 002: [Symbol]

RTS 003: [Symbol]

RTS 007: [Symbol]

RPC 004: [Symbol]

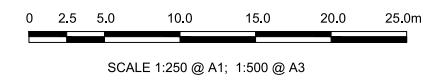
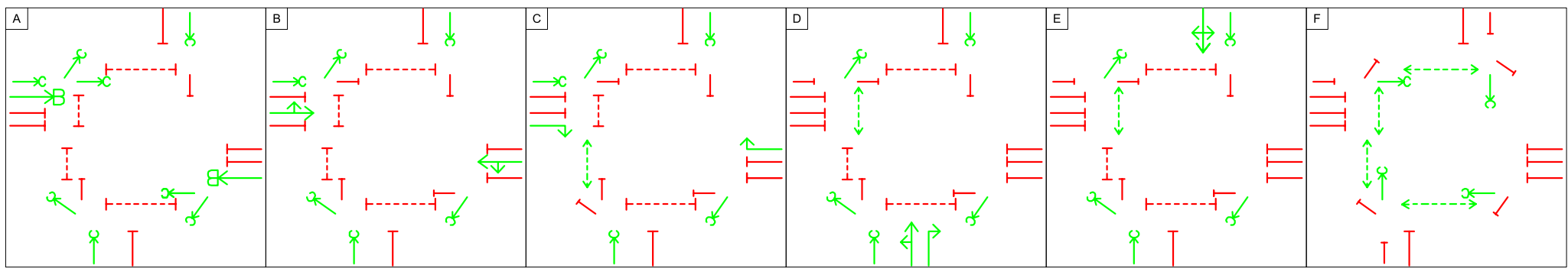
**TRAFFIC SIGNAL EQUIPMENT:**

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

**GENERAL:**

- SITE BOUNDARY LINE
- TEMPORARY LAND ACQUISITION

**INDICATIVE METHOD OF CONTROL**



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Rev	Date	Drn	Chk'd	App'd	Description
M01	06/04/2023	FM	IL	HOS	ISSUE FOR PHASE 4: PLANNING

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

Date: 06/04/2023  
Scale: 1:250 @ A1  
1:500 @ A3

Project Code: BCIDB  
Originator Code: JAC

Engineering Designer: **Jacobs**

Drawn: FM  
Checked: IL  
Approved: HOS

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

Drawing Title: **SWORDS TO CITY CENTRE CORE BUS CORRIDOR SCHEME**  
JUNCTION SYSTEM DESIGN  
SWORDS ROAD / NAULL ROAD JUNCTION

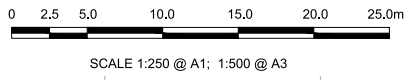
Drawing File Name: BCIDB-JAC-TSM\_SJ-0002\_XX\_00-DR-TR-0005

Sheet Number: 05 of 44  
Status: A  
Rev: M01

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**LEGEND:**

**TRAFFIC SIGNAL HEADS:**

RTS 001

RTS 002

RTS 003

RTS 007

RPC 004

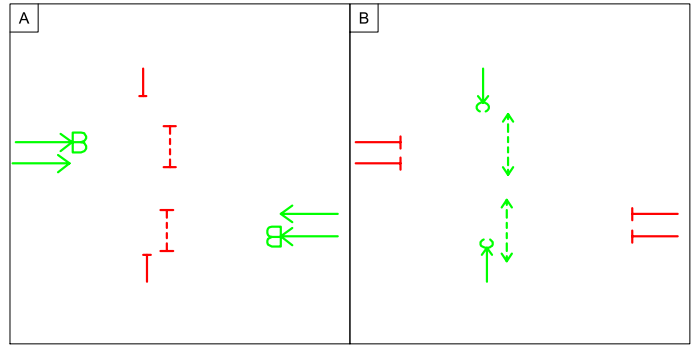
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- POLE (STANDARD HEIGHT)
- TALL POLE (CCTV/TRAFFIC SIGNALS)
- POLE NUMBER
- PUSH BUTTON UNIT
- CCTV CAMERA

**GENERAL:**

- SITE BOUNDARY LINE
- TEMPORARY LAND ACQUISITION

**INDICATIVE METHOD OF CONTROL**



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Rev	Date	Drn	Chk'd	App'd	Description
M01	06/04/2023	FM	IL	HOS	ISSUE FOR PHASE 4: PLANNING

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

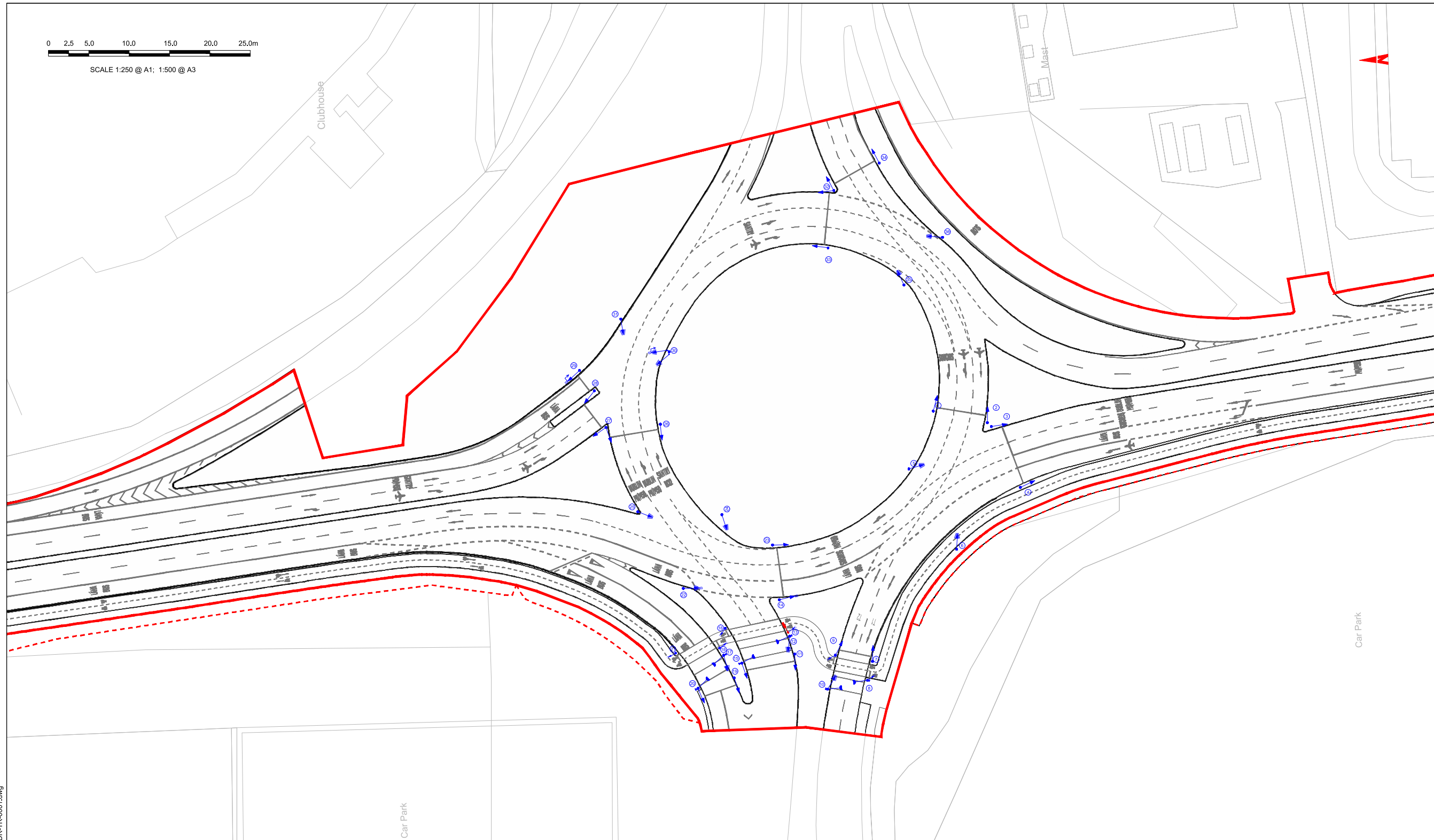
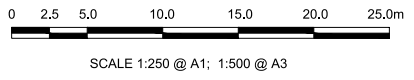
Engineering Designer **Jacobs**

Date	Scale	Drawn	Checked	Approved
06/04/2023	1:250 @ A1 1:500 @ A3	FM	IL	HOS
Project Code	Originator Code	QMS Code		
BCIDB	JAC			

Programme Title <b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>			
Drawing Title SWORDS TO CITY CENTRE CORE BUS CORRIDOR SCHEME JUNCTION SYSTEM DESIGN SWORDS ROAD / COACHMANS INN ACCESS PEDESTRIAN CROSSING			
Drawing File Name BCIDB-JAC-TSM_SJ-0002_XX_00-DR-TR-0006	Sheet Number 06 of 44	Status A	Rev M01

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**LEGEND:**

**TRAFFIC SIGNAL HEADS:**

RTS 001

RTS 002

RTS 003

RTS 007

RPC 004

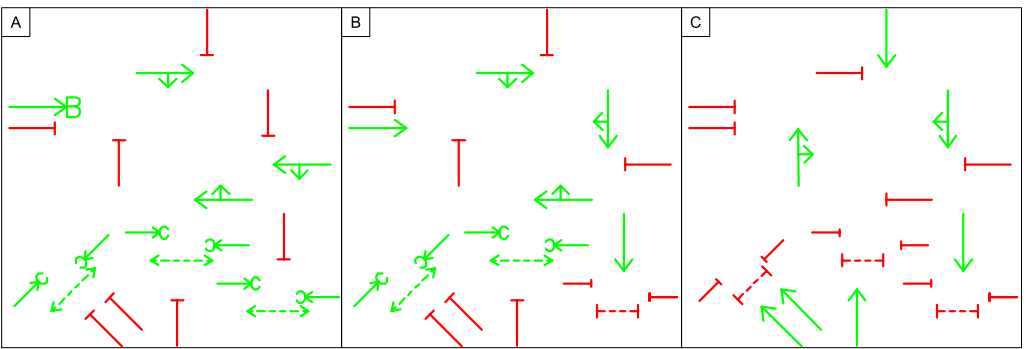
**TRAFFIC SIGNAL EQUIPMENT:**

- POLE (STANDARD HEIGHT)
- TALL POLE (CCTV/TRAFFIC SIGNALS)
- ⊙ POLE NUMBER
- ⊕ PUSH BUTTON UNIT
- CCTV CAMERA

**GENERAL:**

- SITE BOUNDARY LINE
- - - TEMPORARY LAND ACQUISITION

**INDICATIVE METHOD OF CONTROL**



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Rev	Date	Drn	Chk'd	App'd	Description
M01	06/04/2023	FM	IL	HOS	ISSUE FOR PHASE 4: PLANNING

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

Engineering Designer: **Jacobs**

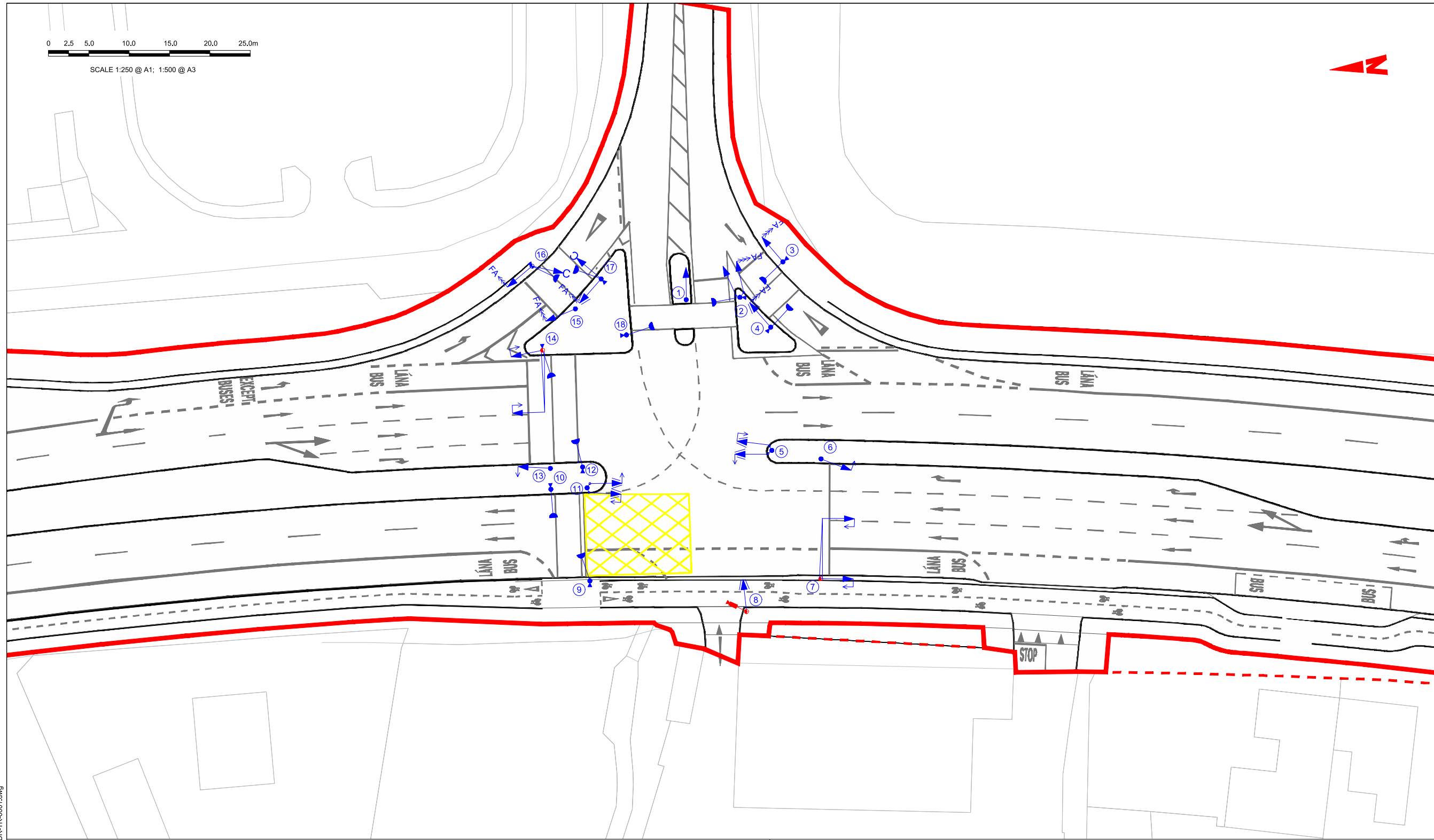
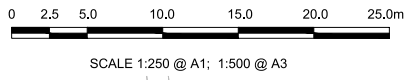
Date	Scale	Drawn	Checked	Approved
06/04/2023	1:500 @ A1 1:1000 @ A3	FM	IL	HOS
Project Code	Originator Code	QMS Code		
BCIDB	JAC			

Programme Title <b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>			
Drawing Title SWORDS TO CITY CENTRE CORE BUS CORRIDOR SCHEME JUNCTION SYSTEM DESIGN SWORDS ROAD / AIRPORT ACCESS / M1 LINK JUNCTION			
Drawing File Name BCIDB-JAC-TSM_SJ-0002_XX_00-DR-TR-0007	Sheet Number 07 of 44	Status A	Rev M01

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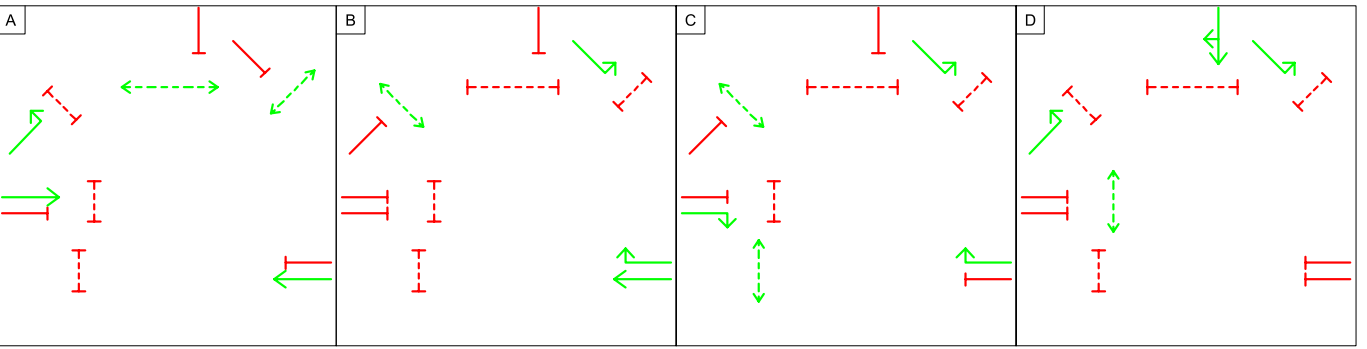
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- LEGEND:**
- TRAFFIC SIGNAL HEADS:**
- RTS 001: [Symbol]
  - RTS 002: [Symbol]
  - RTS 003: [Symbol]
  - RTS 007: [Symbol]
  - RPC 004: [Symbol]
- TRAFFIC SIGNAL EQUIPMENT:**
- POLE (STANDARD HEIGHT)
  - TALL POLE (CCTV/TRAFFIC SIGNALS)
  - ⊙ POLE NUMBER
  - ⊕ PUSH BUTTON UNIT
  - CCTV CAMERA
- GENERAL:**
- SITE BOUNDARY LINE
  - - - TEMPORARY LAND ACQUISITION

**INDICATIVE METHOD OF CONTROL**



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Rev	Date	Drn	Chk'd	App'd	Description
M01	06/04/2023	FM	IL	HOS	ISSUE FOR PHASE 4: PLANNING

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

Engineering Designer: **Jacobs**

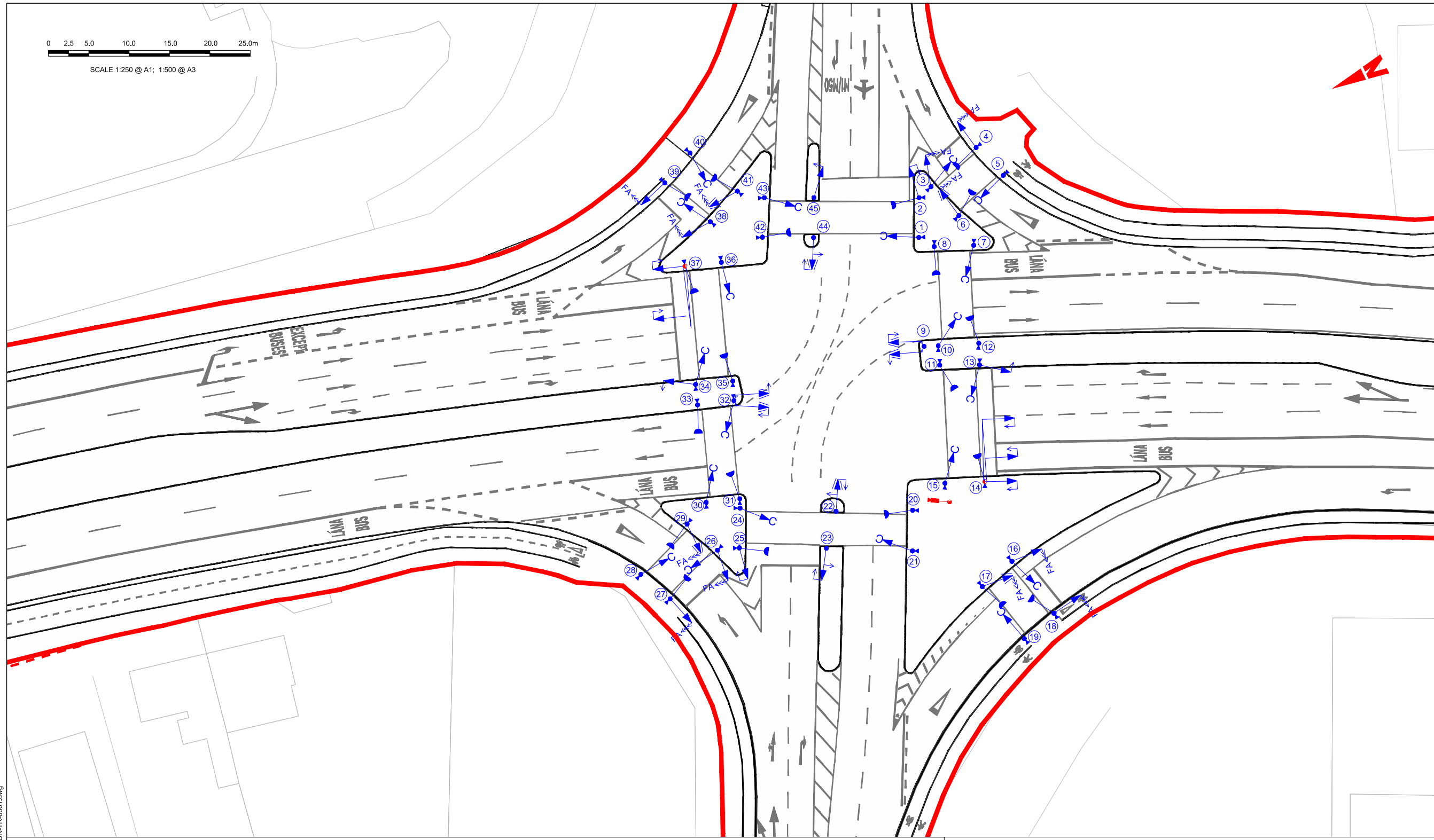
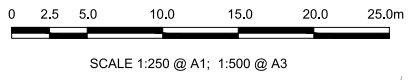
Date	Scale	Drawn	Checked	Approved
06/04/2023	1:250 @ A1 1:500 @ A3	FM	IL	HOS
Project Code	Originator Code	QMS Code		
BCIDB	JAC			

Programme Title: <b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>			
Drawing Title: <b>SWORDS TO CITY CENTRE CORE BUS CORRIDOR SCHEME JUNCTION SYSTEM DESIGN SWORDS ROAD / GREEN LONG-TERM CAR PARK / KEALY'S JUNCTION</b>			
Drawing File Name	Sheet Number	Status	Rev
BCIDB-JAC-TSM_SJ-0002_XX_00-DR-TR-0008	08 of 44	A	M01

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**LEGEND:**

**TRAFFIC SIGNAL HEADS:**

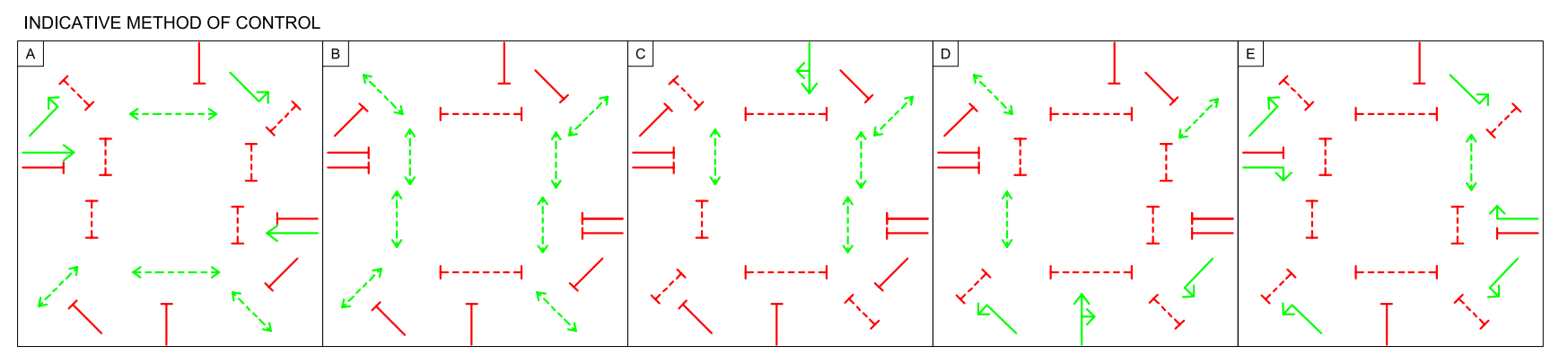
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- RTS 002: [Symbol]
- RTS 003: [Symbol]
- RTS 007: [Symbol]
- RPC 004: [Symbol]

**TRAFFIC SIGNAL EQUIPMENT:**

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

**GENERAL:**

- SITE BOUNDARY LINE
- - - TEMPORARY LAND ACQUISITION



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Rev	Date	Drn	Chk'd	App'd	Description
M01	06/04/2023	FM	IL	HOS	ISSUE FOR PHASE 4: PLANNING

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

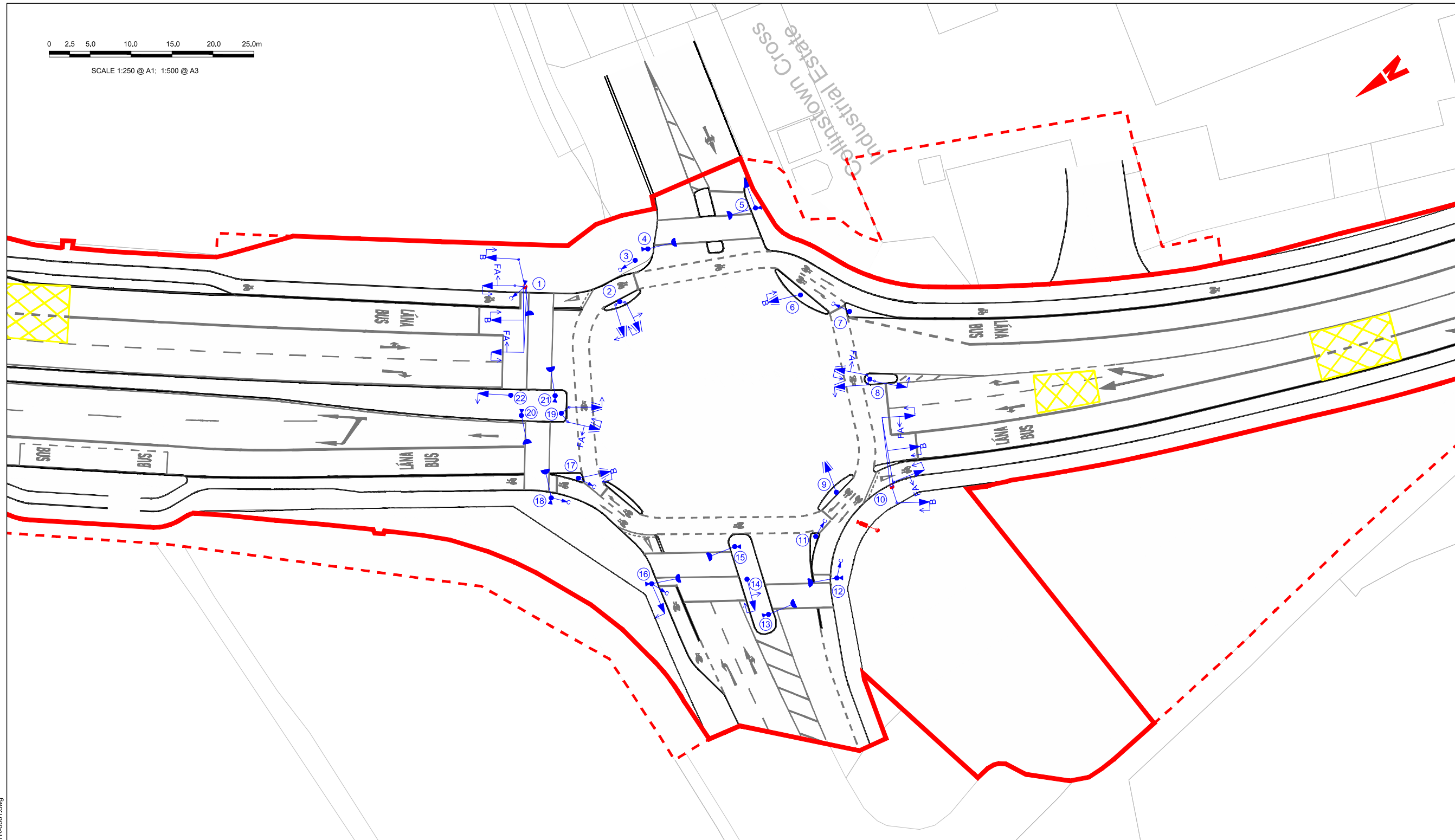
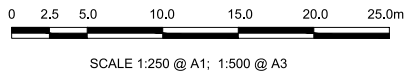
Engineering Designer: **Jacobs**

Date	Scale	Drawn	Checked	Approved
06/04/2023	1:250 @ A1 1:500 @ A3	FM	IL	HOS
Project Code	Originator Code	QMS Code		
BCIDB	JAC			

Programme Title: <b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>			
Drawing Title: <b>SWORDS TO CITY CENTRE CORE BUS CORRIDOR SCHEME JUNCTION SYSTEM DESIGN SWORDS ROAD / SOUTH CORBALLIS ROAD / RED LONG-TERM CAR PARK JUNCTION</b>			
Drawing File Name	Sheet Number	Status	Rev
BCIDB-JAC-TSM_SJ-0002_XX_00-DR-TR-0009	09 of 44	A	M01

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**LEGEND:**

**TRAFFIC SIGNAL HEADS:**

RTS 001

RTS 002

RTS 003

RTS 007

RPC 004

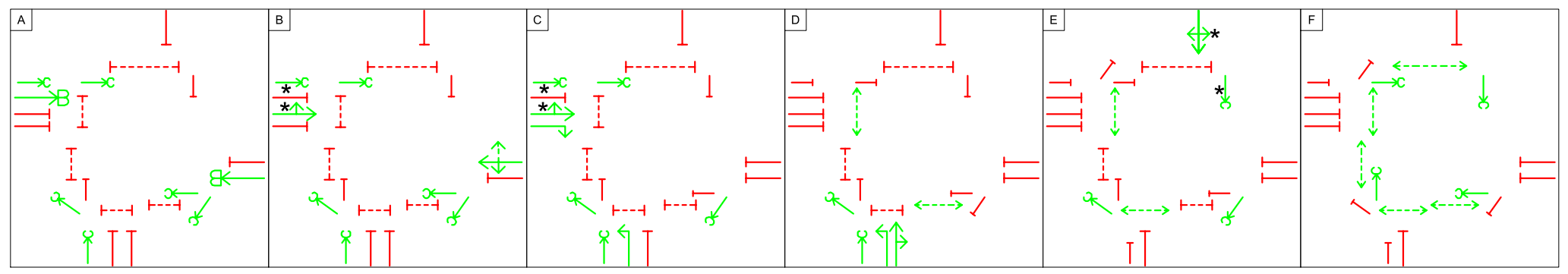
**TRAFFIC SIGNAL EQUIPMENT:**

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

**GENERAL:**

- SITE BOUNDARY LINE
- - - TEMPORARY LAND ACQUISITION

**INDICATIVE METHOD OF CONTROL**



\* DENOTES FLASHING AMBER

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Rev	Date	Drn	Chk'd	App'd	Description
M01	06/04/2023	FM	IL	HOS	ISSUE FOR PHASE 4: PLANNING

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

Engineering Designer: **Jacobs**

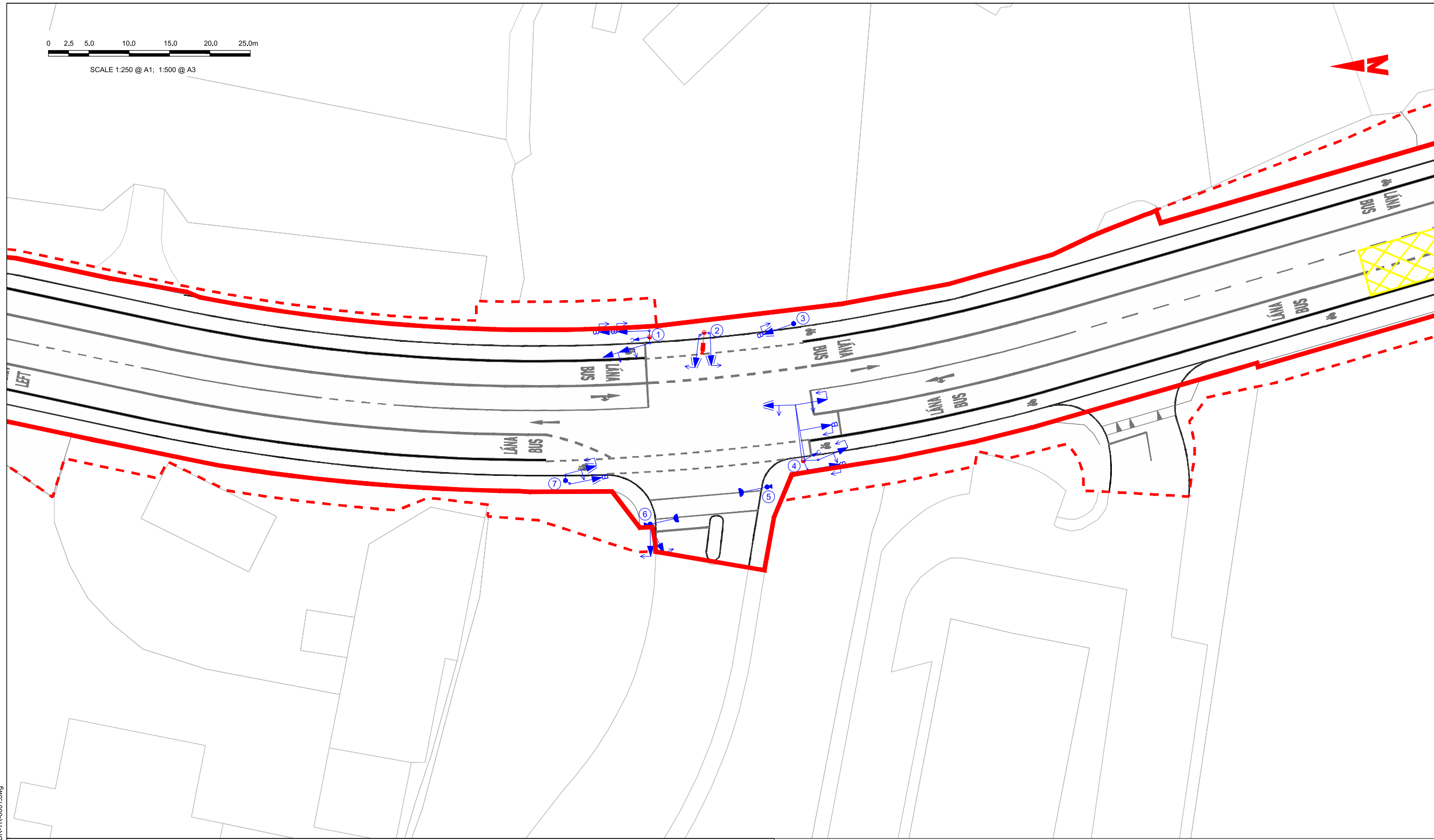
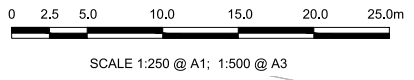
Date	Scale	Drawn	Checked	Approved
06/04/2023	1:250 @ A1 1:500 @ A3	FM	IL	HOS
Project Code	Originator Code	QMS Code		
BCIDB	JAC			

Programme Title: <b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>			
Drawing Title: <b>SWORDS TO CITY CENTRE CORE BUS CORRIDOR SCHEME JUNCTION SYSTEM DESIGN SWORDS ROAD / OLD AIRPORT ROAD/ COLLINSTOWN AVENUE JUNCTION</b>			
Drawing File Name	Sheet Number	Status	Rev
BCIDB-JAC-TSM_SJ-0002_XX_00-DR-TR-0010	10 of 44	A	M01

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**LEGEND:**

**TRAFFIC SIGNAL HEADS:**

RTS 001

RTS 002

RTS 003

RTS 007

RPC 004

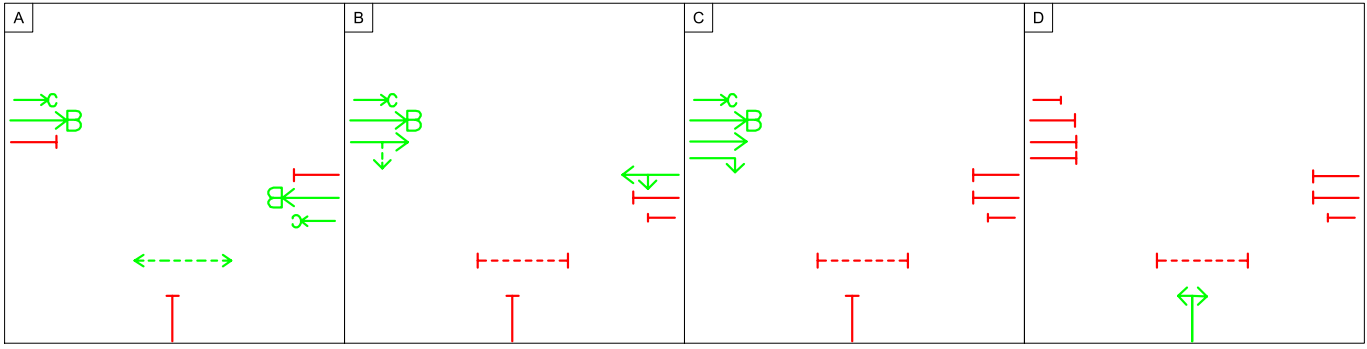
**TRAFFIC SIGNAL EQUIPMENT:**

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

**GENERAL:**

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- TEMPORARY LAND ACQUISITION

**INDICATIVE METHOD OF CONTROL**



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M01	06/04/2023	FM	IL	HOS	ISSUE FOR PHASE 4: PLANNING

Client: **NTA**  
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National Transport Authority

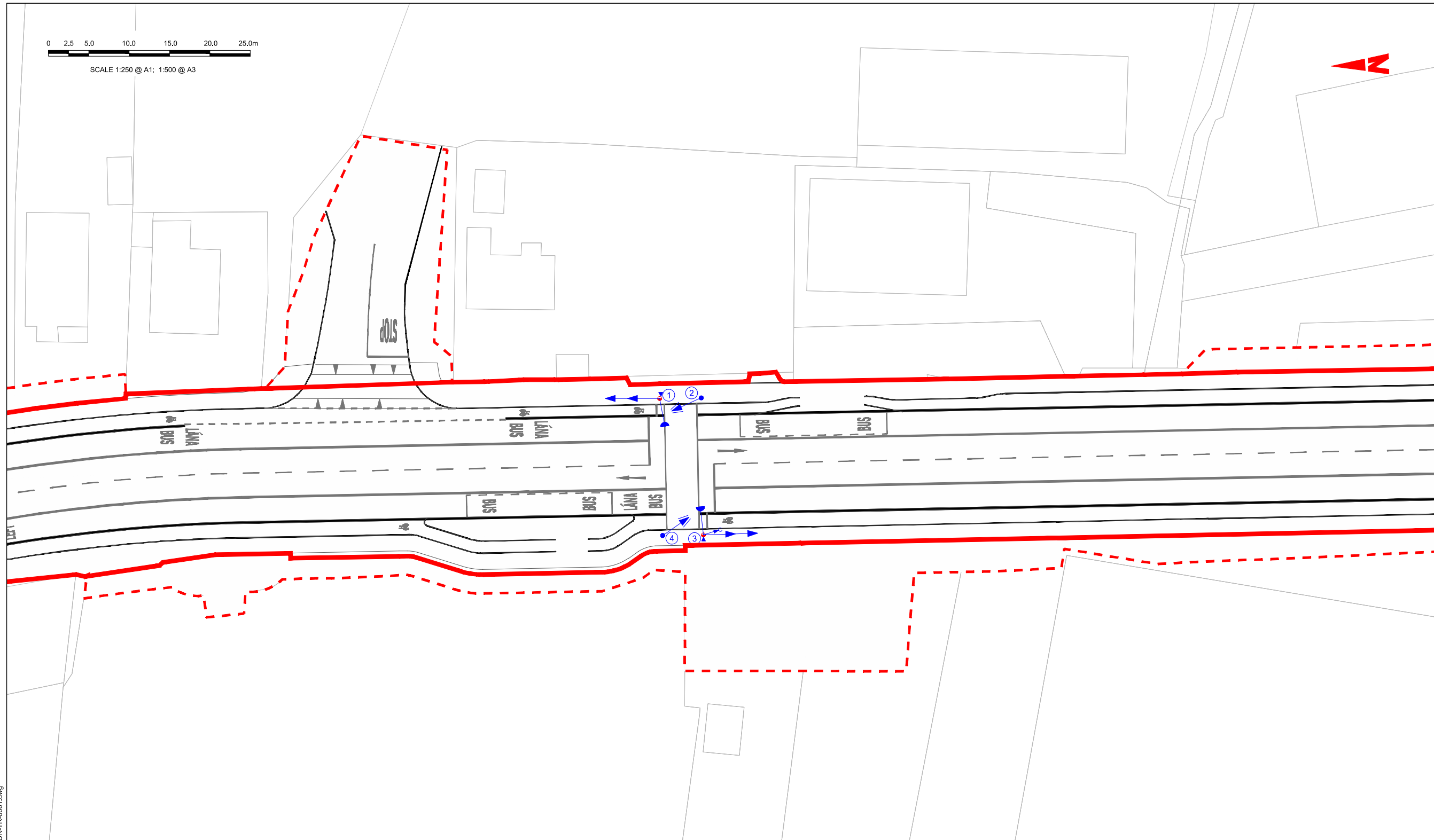
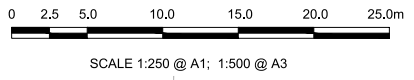
Engineering Designer: **Jacobs**

Date	Scale	Drawn	Checked	Approved
06/04/2023	1:250 @ A1 1:500 @ A3	FM	IL	HOS
Project Code	Originator Code	QMS Code		
BCIDB	JAC			

Programme Title: <b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>			
Drawing Title: <b>SWORDS TO CITY CENTRE CORE BUS CORRIDOR SCHEME JUNCTION SYSTEM DESIGN SWORDS ROAD / QUICK PARK CAR PARK JUNCTION</b>			
Drawing File Name	Sheet Number	Status	Rev
BCIDB-JAC-TSM_SJ-0002_XX_00-DR-TR-0011	11 of 44	A	M01

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**LEGEND:**

**TRAFFIC SIGNAL HEADS:**

- RTS 001: [Symbol]
- RTS 002: [Symbol]
- RTS 003: [Symbol]
- RTS 007: [Symbol]
- RPC 004: [Symbol]

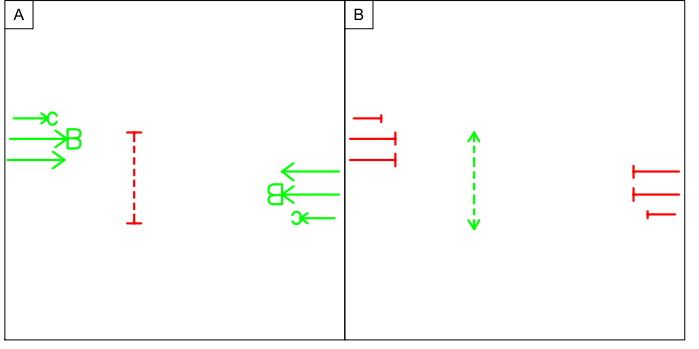
**TRAFFIC SIGNAL EQUIPMENT:**

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

**GENERAL:**

- SITE BOUNDARY LINE
- TEMPORARY LAND ACQUISITION

**INDICATIVE METHOD OF CONTROL**



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M01	06/04/2023	FM	IL	HOS	ISSUE FOR PHASE 4: PLANNING

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National Transport Authority

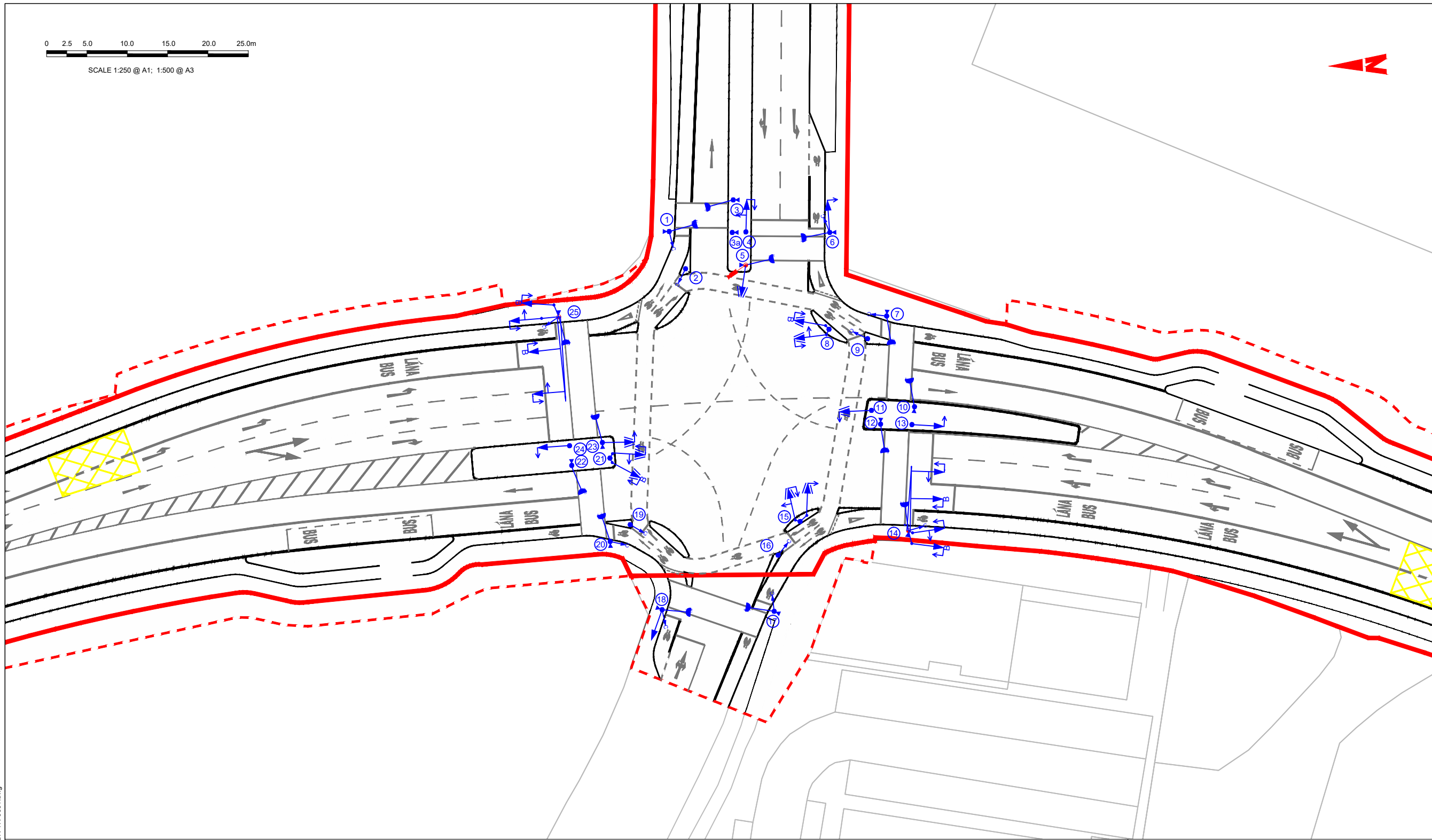
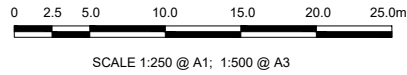
Engineering Designer: **Jacobs**

Date	Scale	Drawn	Checked	Approved
06/04/2023	1:250 @ A1 1:500 @ A3	FM	IL	HOS
Project Code	Originator Code	QMS Code		
BCIDB	JAC			

Programme Title: <b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>			
Drawing Title: <b>SWORDS TO CITY CENTRE CORE BUS CORRIDOR SCHEME JUNCTION SYSTEM DESIGN SWORDS ROAD / ROYAL COLLEGE OF SURGEONS GROUND PEDESTRIAN CROSSING</b>			
Drawing File Name	Sheet Number	Status	Rev
BCIDB-JAC-TSM_SJ-0002_XX_00-DR-TR-0012	12 of 44	A	M01

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**LEGEND:**

**TRAFFIC SIGNAL HEADS:**

RTS 001: [Symbol]

RTS 002: [Symbol]

RTS 003: [Symbol]

RTS 007: [Symbol]

RPC 004: [Symbol]

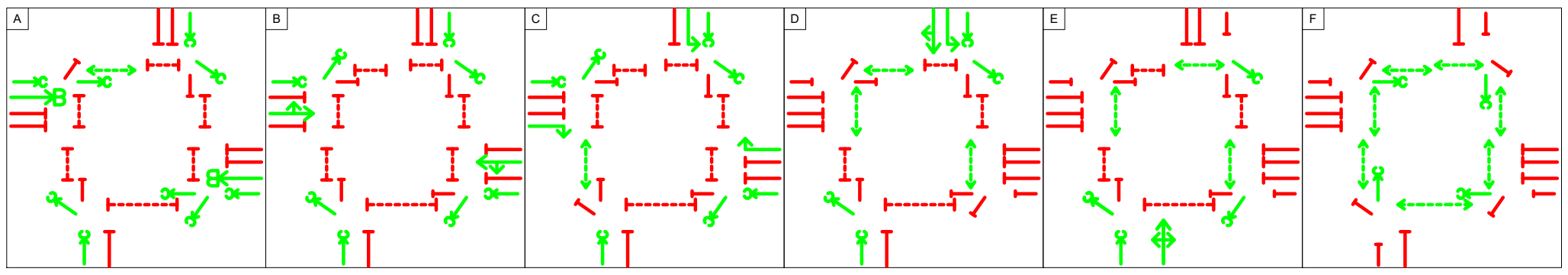
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- POLE (STANDARD HEIGHT)
- TALL POLE (CCTV/TRAFFIC SIGNALS)
- POLE NUMBER
- PUSH BUTTON UNIT
- CCTV CAMERA

**GENERAL:**

- SITE BOUNDARY LINE
- TEMPORARY LAND ACQUISITION

**INDICATIVE METHOD OF CONTROL**



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Rev	Date	Drn	Chk'd	App'd	Description
M01	06/04/2023	FM	IL	HOS	ISSUE FOR PHASE 4: PLANNING

Client: **NTA**  
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National Transport Authority

Engineering Designer: **Jacobs**

Date: 06/04/2023 | Scale: 1:250 @ A1, 1:500 @ A3 | Drawn: FM | Checked: IL | Approved: HOS

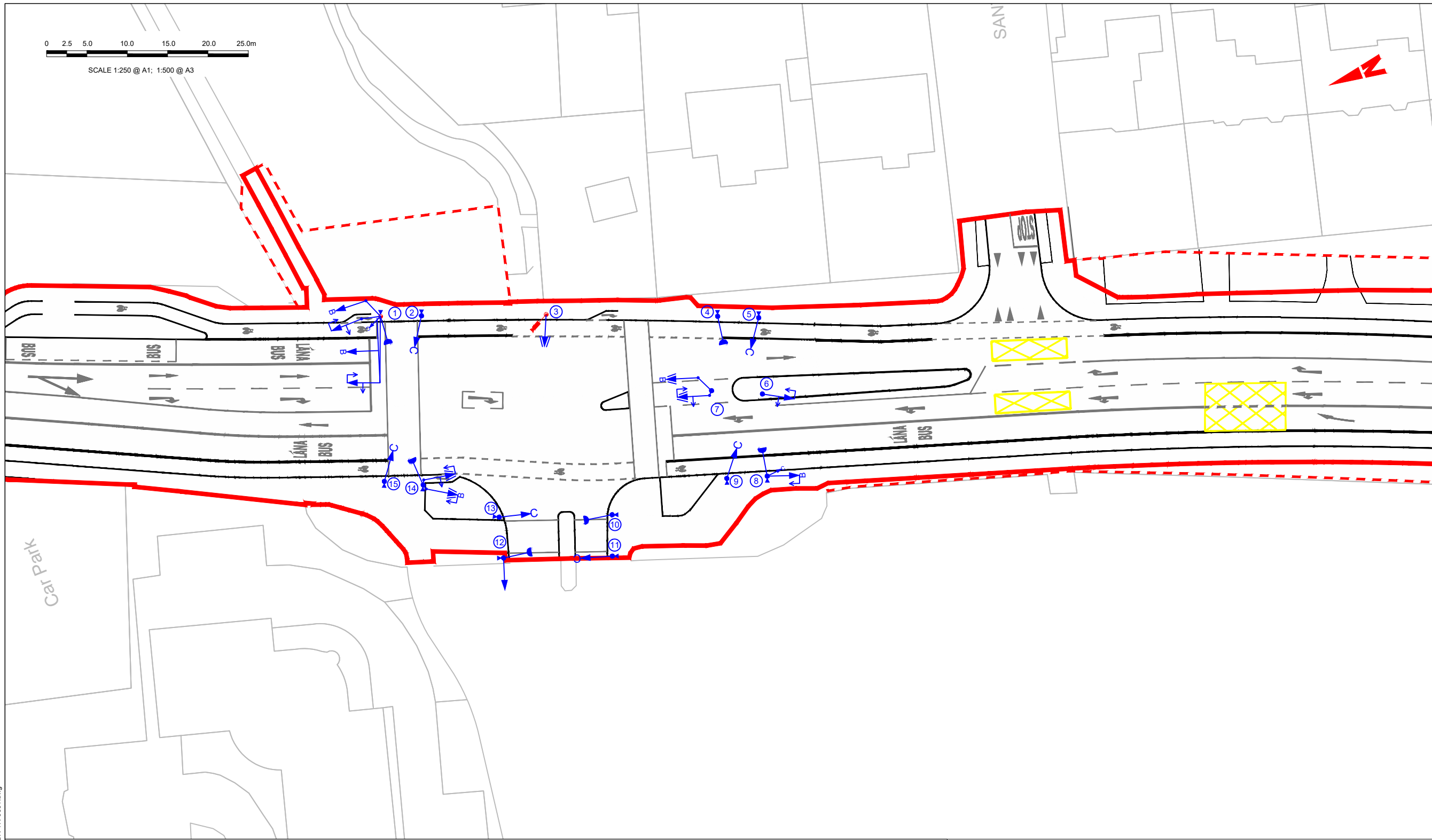
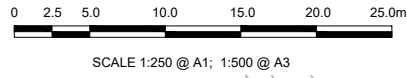
Project Code: BCIDB | Originator Code: JAC | QMS Code:

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

Drawing Title: **SWORDS TO CITY CENTRE CORE BUS CORRIDOR SCHEME**  
JUNCTION SYSTEM DESIGN  
SWORDS ROAD / TURNAPIN LANE JUNCTION

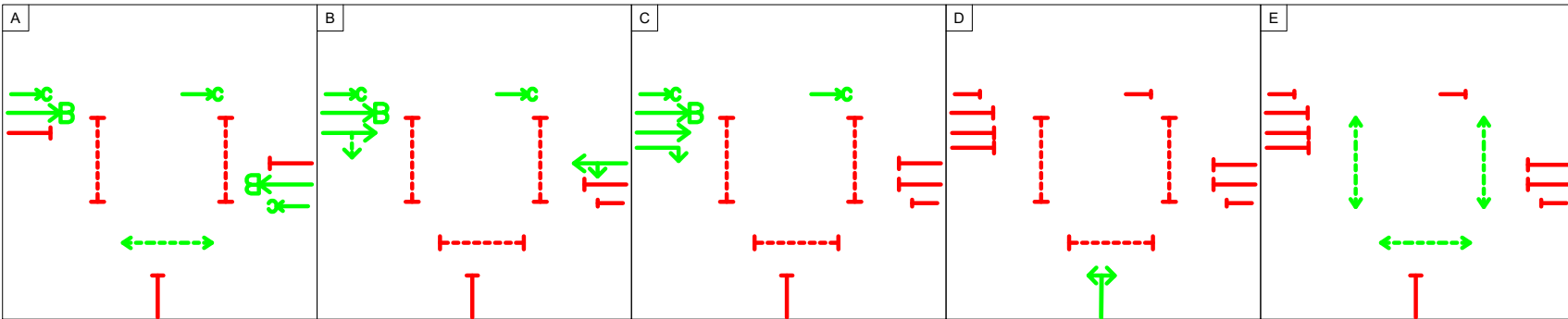
Drawing File Name: BCIDB-JAC-TSM_SJ-0002_XX_00-DR-TR-0013	Sheet Number: 13 of 44	Status: A	Rev: M01
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- LEGEND:**
- TRAFFIC SIGNAL HEADS:**
- RTS 001: [Symbol]
  - RTS 002: [Symbol]
  - RTS 003: [Symbol]
  - RTS 007: [Symbol]
  - RPC 004: [Symbol]
- TRAFFIC SIGNAL EQUIPMENT:**
- POLE (STANDARD HEIGHT)
  - TALL POLE (CCTV/TRAFFIC SIGNALS)
  - POLE NUMBER
  - PUSH BUTTON UNIT
  - CCTV CAMERA
- GENERAL:**
- SITE BOUNDARY LINE
  - TEMPORARY LAND ACQUISITION

**INDICATIVE METHOD OF CONTROL**



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M01	06/04/2023	FM	IL	HOS	ISSUE FOR PHASE 4: PLANNING

Client: **NTA**  
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National Transport Authority

Engineering Designer: **Jacobs**

Date: 06/04/2023 | Scale: 1:250 @ A1, 1:500 @ A3

Project Code: BCIDB | Originator Code: JAC

Drawn: FM | Checked: IL | Approved: HOS

QMS Code:

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

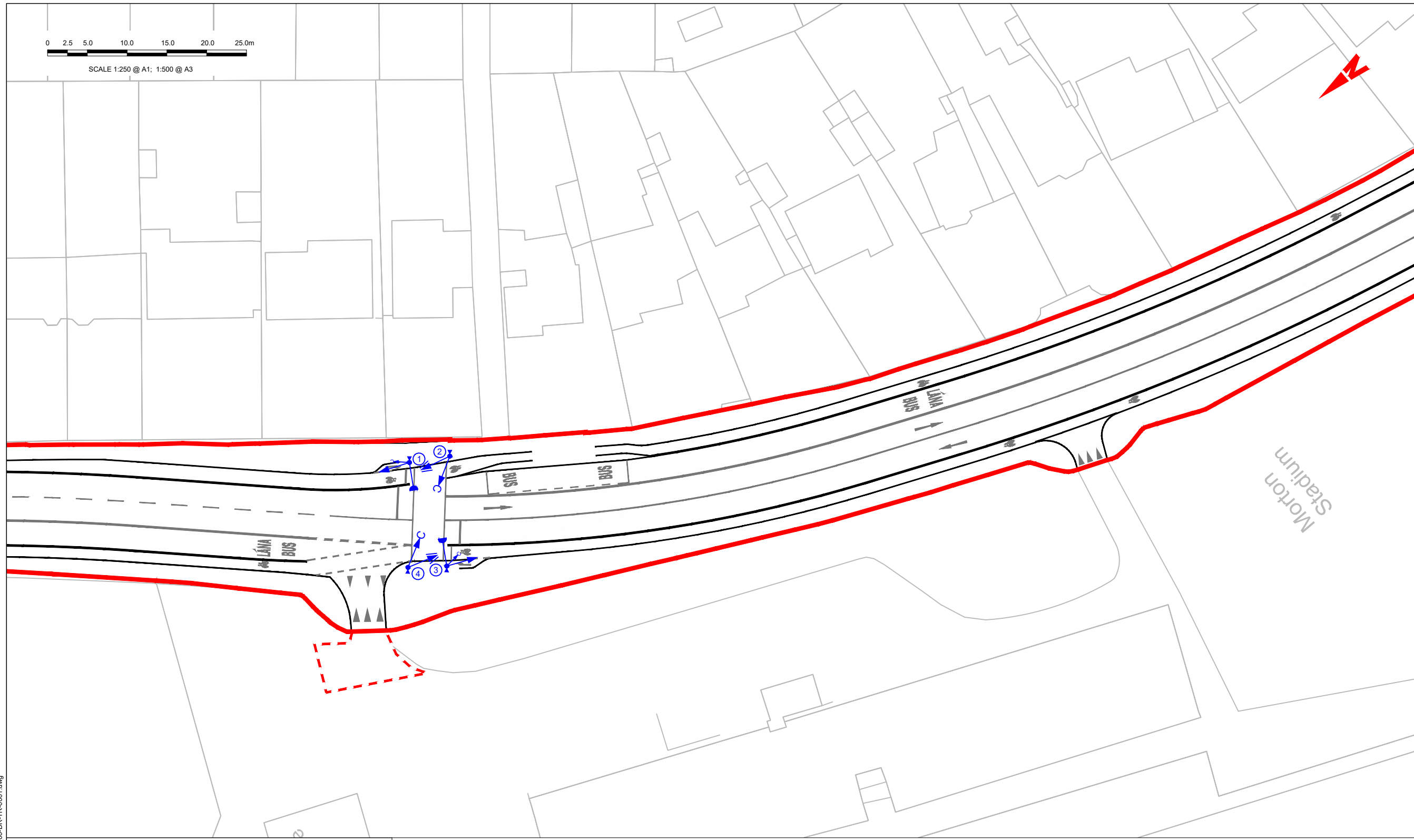
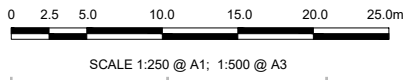
Drawing Title: **SWORDS TO CITY CENTRE CORE BUS CORRIDOR SCHEME JUNCTION SYSTEM DESIGN SWORDS ROAD / NORTHWOOD AVENUE JUNCTION**

Drawing File Name: BCIDB-JAC-TSM_SJ-0002_XX_00-DR-TR-0014	Sheet Number: 14 of 44	Status: A	Rev: M01
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**LEGEND:**

**TRAFFIC SIGNAL HEADS:**

RTS 001

RTS 002

RTS 003

RTS 007

RPC 004

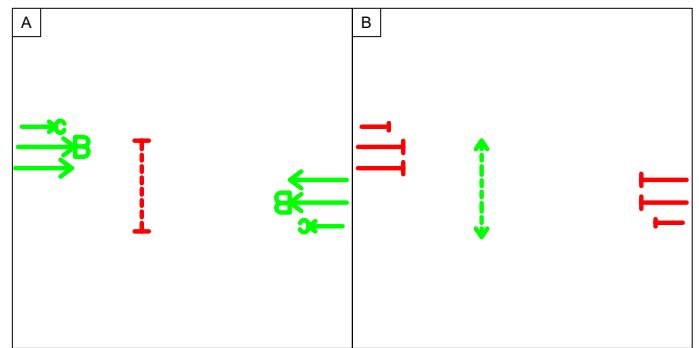
**TRAFFIC SIGNAL EQUIPMENT:**

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

**GENERAL:**

- SITE BOUNDARY LINE
- TEMPORARY LAND ACQUISITION

**INDICATIVE METHOD OF CONTROL**



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M01	06/04/2023	FM	IL	HOS	ISSUE FOR PHASE 4: PLANNING

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

Engineering Designer: **Jacobs**

Date: 06/04/2023 | Scale: 1:250 @ A1, 1:500 @ A3

Project Code: BCIDB | Originator Code: JAC

Drawn: FM | Checked: IL | Approved: HOS

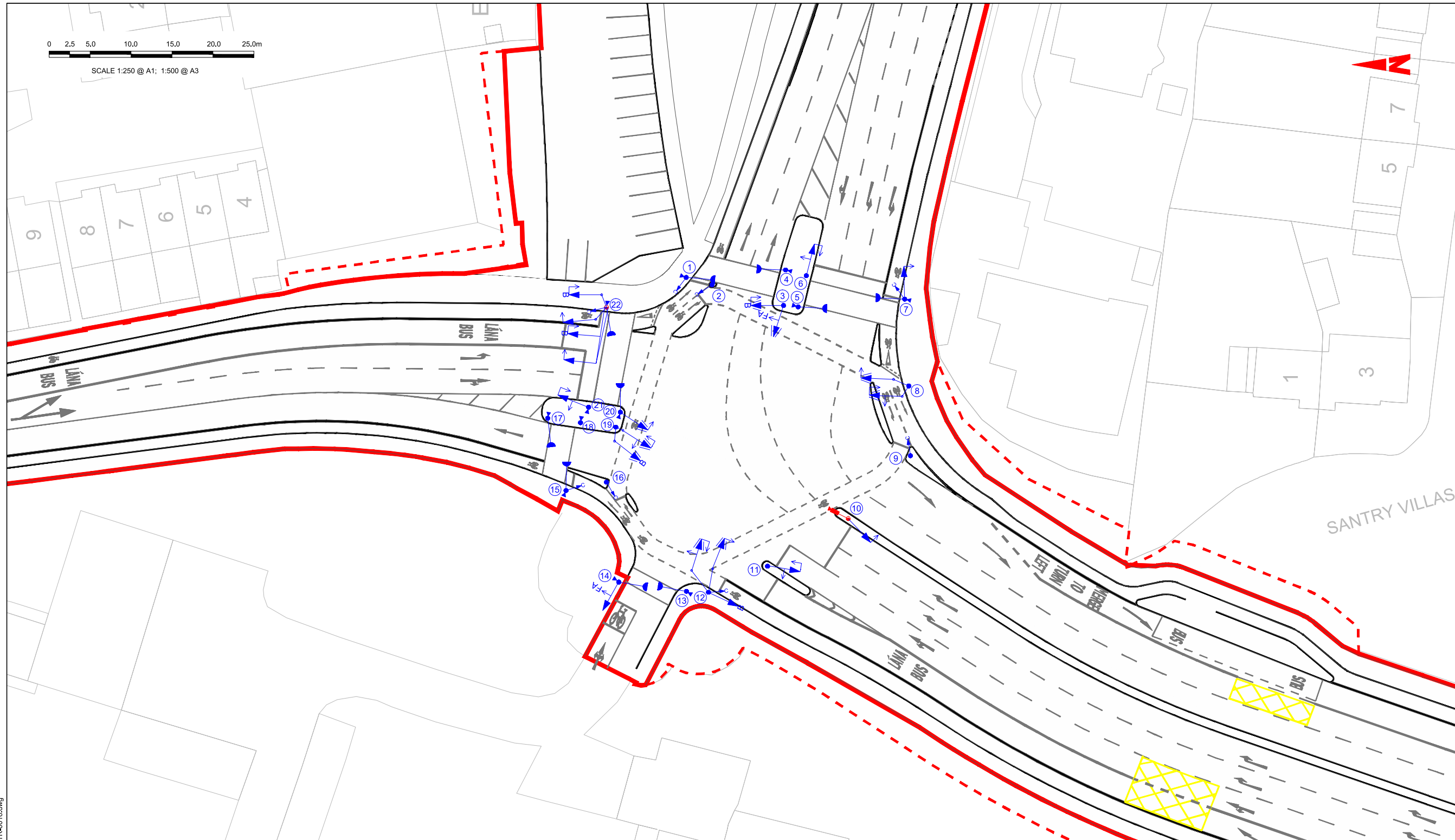
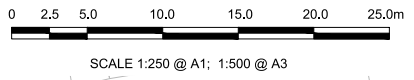
QMS Code:

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

Drawing Title: **SWORDS TO CITY CENTRE CORE BUS CORRIDOR SCHEME**  
**JUNCTION SYSTEM DESIGN**  
**SWORDS ROAD / MORTON STADIUM PEDESTRIAN CROSSING**

Drawing File Name: BCIDB-JAC-TSM_SJ-0002_XX_00-DR-TR-0015	Sheet Number: 15 of 44	Status: A	Rev: M01
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**LEGEND:**

**TRAFFIC SIGNAL HEADS:**

RTS 001

RTS 002

RTS 003

RTS 007

RPC 004

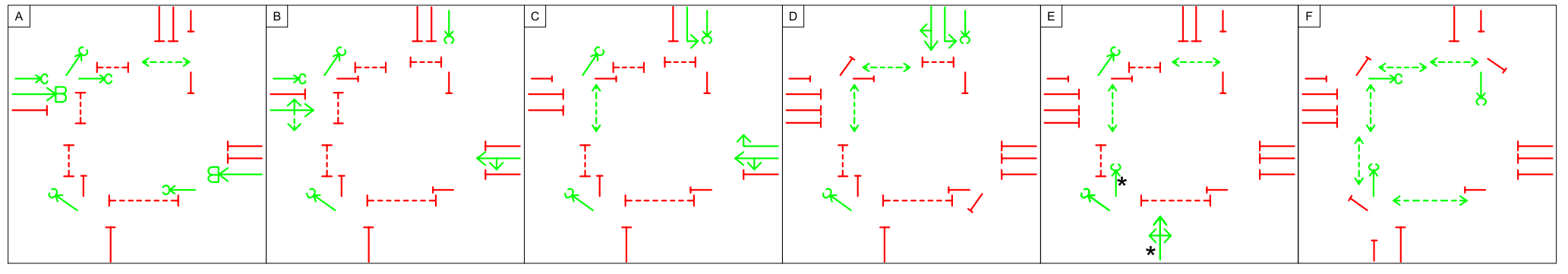
**TRAFFIC SIGNAL EQUIPMENT:**

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

**GENERAL:**

- SITE BOUNDARY LINE
- TEMPORARY LAND ACQUISITION

**INDICATIVE METHOD OF CONTROL**



\* DENOTES FLASHING AMBER

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Rev	Date	Drn	Chk'd	App'd	Description
M01	06/04/2023	FM	IL	HOS	ISSUE FOR PHASE 4: PLANNING

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

Engineering Designer: **Jacobs**

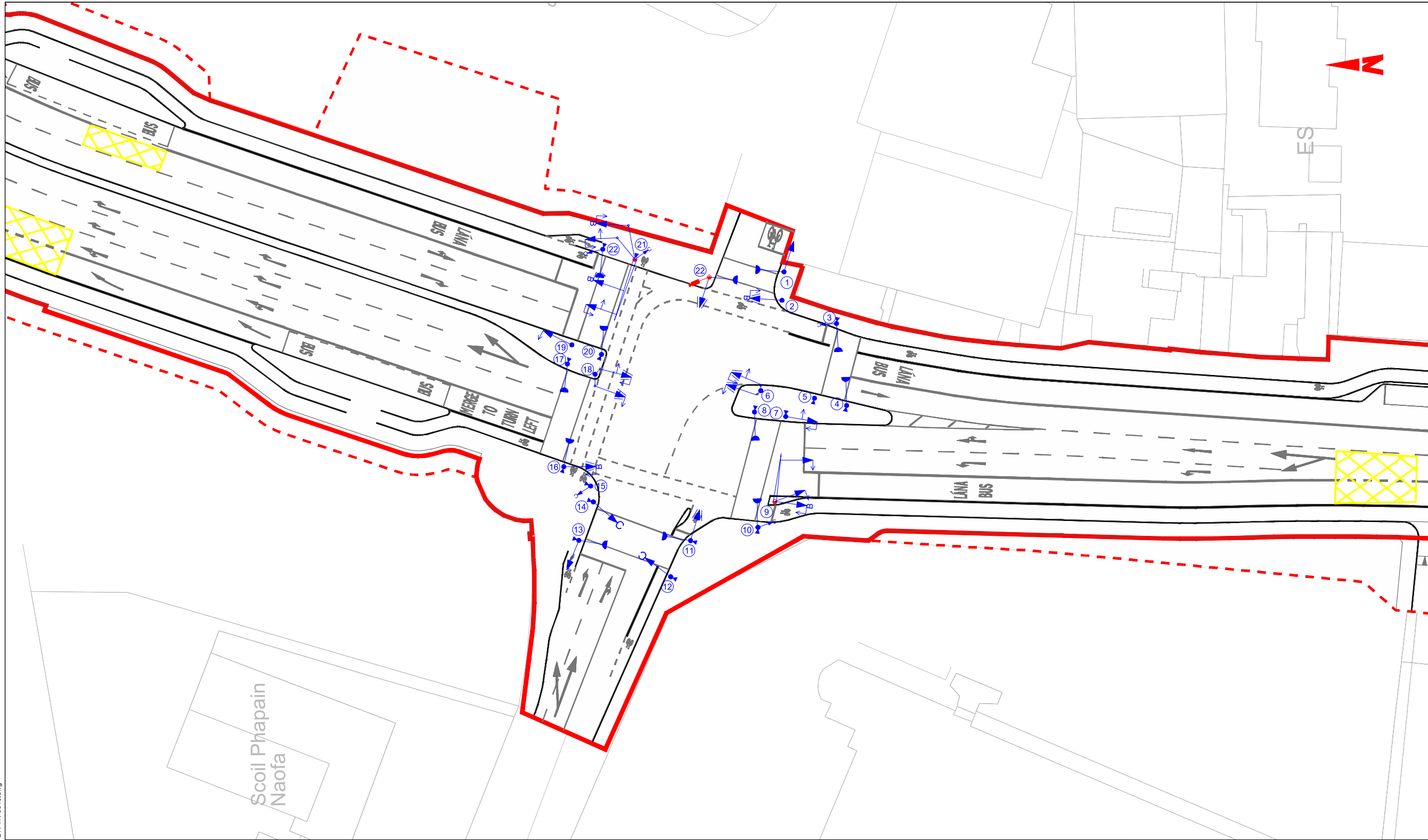
Date: 06/04/2023 | Scale: 1:250 @ A1, 1:500 @ A3 | Drawn: FM | Checked: IL | Approved: HOS

Project Code: BCIDB | Originator Code: JAC | QMS Code:

Programme Title: <b>BUSCONNECTS DUBLIN</b>			
CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title: SWORDS TO CITY CENTRE CORE BUS CORRIDOR SCHEME JUNCTION SYSTEM DESIGN SWORDS ROAD / COOLOCK LANE JUNCTION			
Drawing File Name: BCIDB-JAC-TSM_SJ-0002_XX_00-DR-TR-0016	Sheet Number: 16 of 44	Status: A	Rev: M01

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**LEGEND:**

**TRAFFIC SIGNAL HEADS:**

RTS 001: [Symbol]

RTS 002: [Symbol]

RTS 003: [Symbol]

RTS 007: [Symbol]

RPC 004: [Symbol]

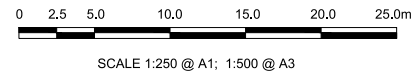
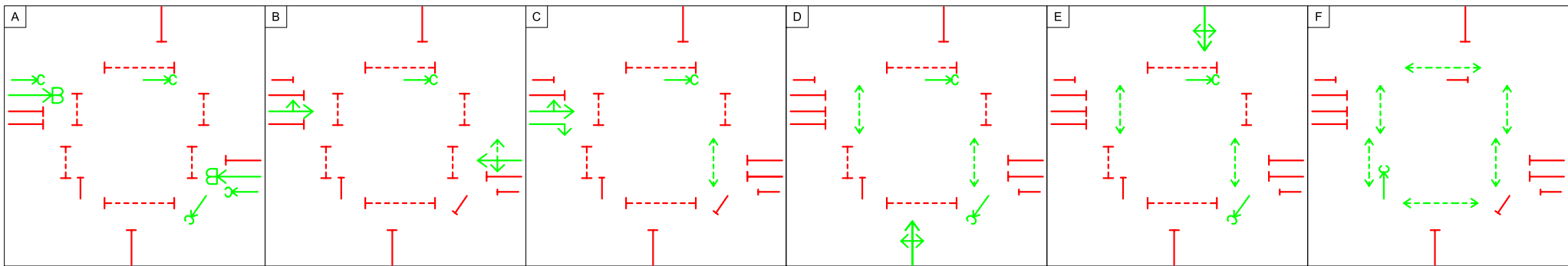
**TRAFFIC SIGNAL EQUIPMENT:**

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

**GENERAL:**

- SITE BOUNDARY LINE
- TEMPORARY LAND ACQUISITION

**INDICATIVE METHOD OF CONTROL**



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M01	06/04/2023	FM	IL	HOS	ISSUE FOR PHASE 4: PLANNING

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

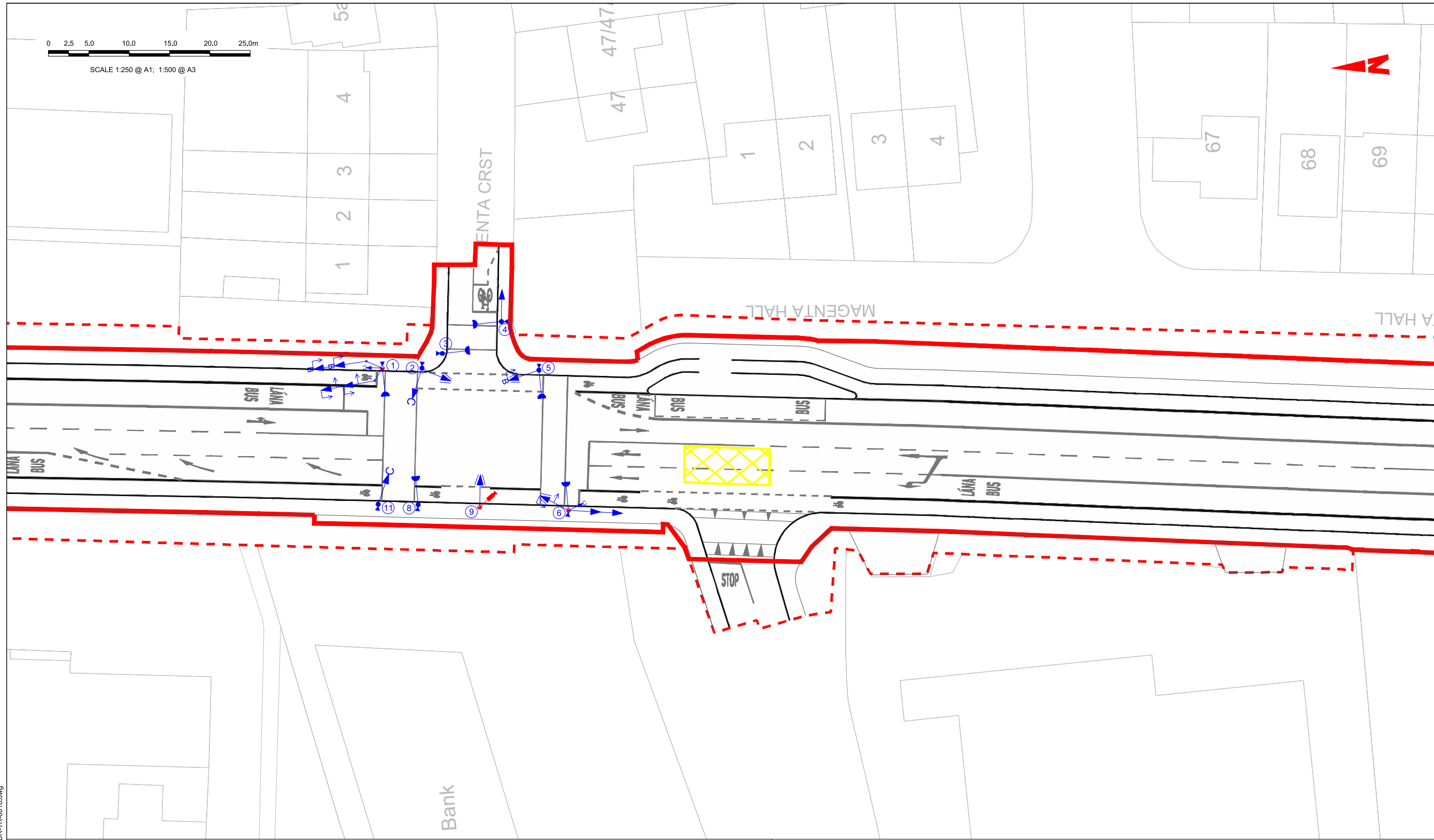
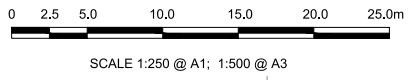
Engineering Designer: **Jacobs**

Date	Scale	Drawn	Checked	Approved
06/04/2023	1:250 @ A1 1:500 @ A3	FM	IL	HOS
Project Code	Originator Code	QMS Code		
BCIDB	JAC			

Programme Title			
<b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>			
Drawing Title			
SWORDS TO CITY CENTRE CORE BUS CORRIDOR SCHEME JUNCTION SYSTEM DESIGN SWORDS ROAD / SANTRY AVENUE JUNCTION			
Drawing File Name	Sheet Number	Status	Rev
BCIDB-JAC-TSM_SJ-0002_XX_00-DR-TR-0017	17 of 44	A	M01

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**LEGEND:**

**TRAFFIC SIGNAL HEADS:**

- RTS 001: [Signal head symbol]
- RTS 002: [Signal head symbol]
- RTS 003: [Signal head symbol]
- RTS 007: [Signal head symbol]
- RPC 004: [Signal head symbol]

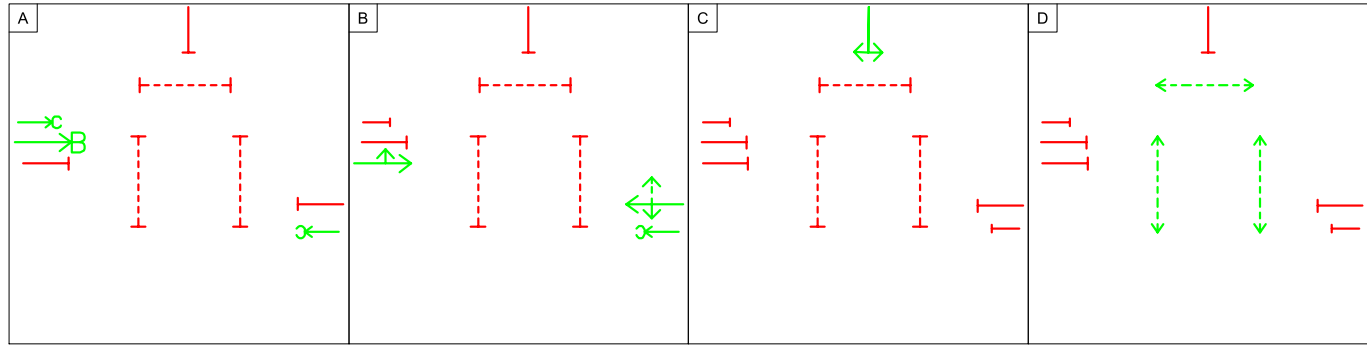
**TRAFFIC SIGNAL EQUIPMENT:**

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

**GENERAL:**

- SITE BOUNDARY LINE
- TEMPORARY LAND ACQUISITION

**INDICATIVE METHOD OF CONTROL**



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M01	06/04/2023	FM	IL	HOS	ISSUE FOR PHASE 4: PLANNING

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

Engineering Designer: **Jacobs**

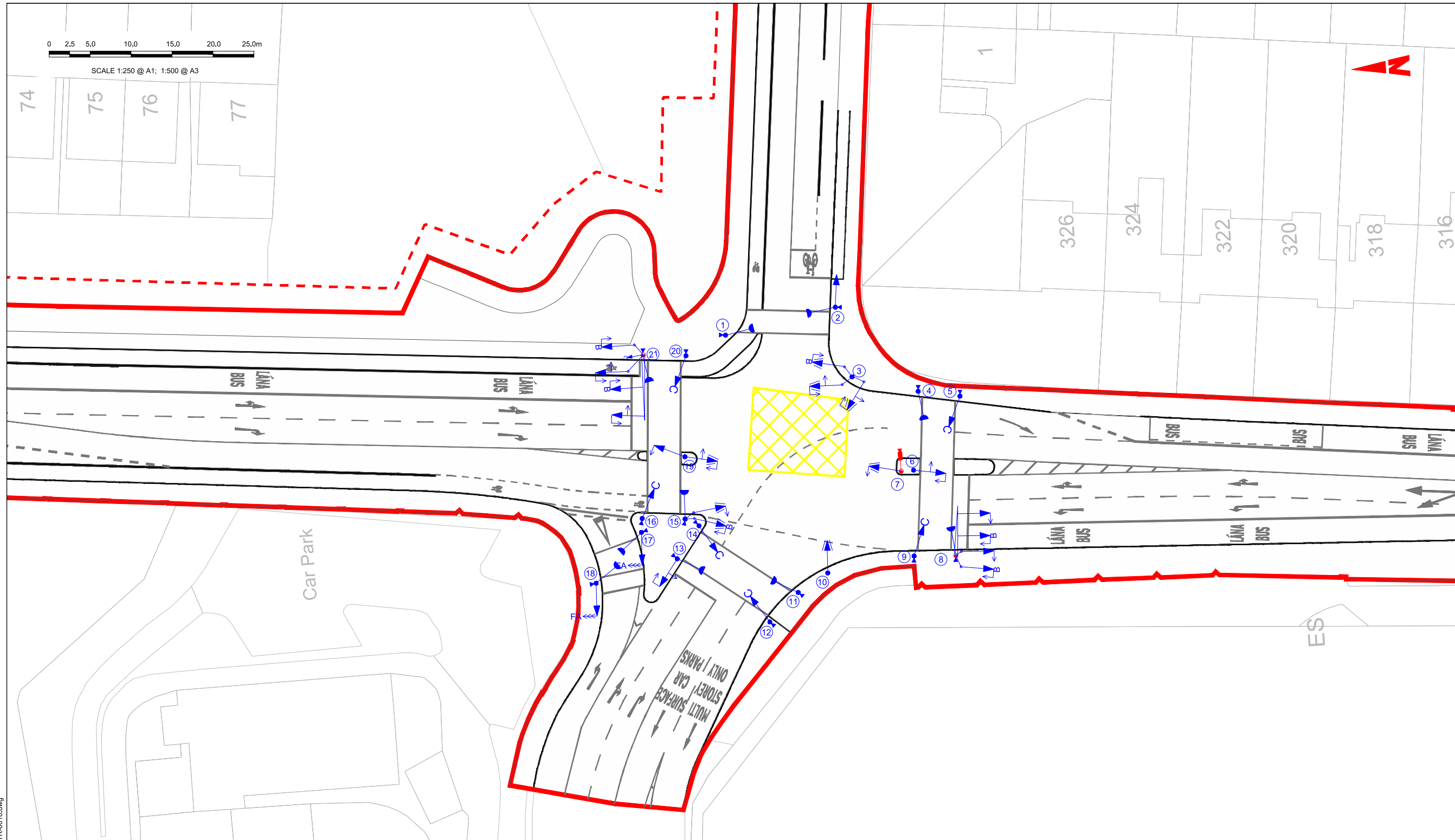
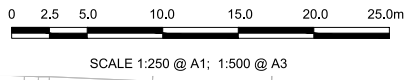
Date	Scale	Drawn	Checked	Approved
06/04/2023	1:250 @ A1 1:500 @ A3	FM	IL	HOS
Project Code	Originator Code	QMS Code		
BCIDB	JAC			

Programme Title <b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>			
Drawing Title SWORDS TO CITY CENTRE CORE BUS CORRIDOR SCHEME JUNCTION SYSTEM DESIGN SWORDS ROAD / MAGENTA CRESENT PEDESTRIAN CROSSING			
Drawing File Name BCIDB-JAC-TSM_SJ-0002_XX_00-DR-TR-0018	Sheet Number 18 of 44	Status A	Rev M01

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**LEGEND:**

**TRAFFIC SIGNAL HEADS:**

- RTS 001: [Symbol]
- RTS 002: [Symbol]
- RTS 003: [Symbol]
- RTS 007: [Symbol]
- RPC 004: [Symbol]

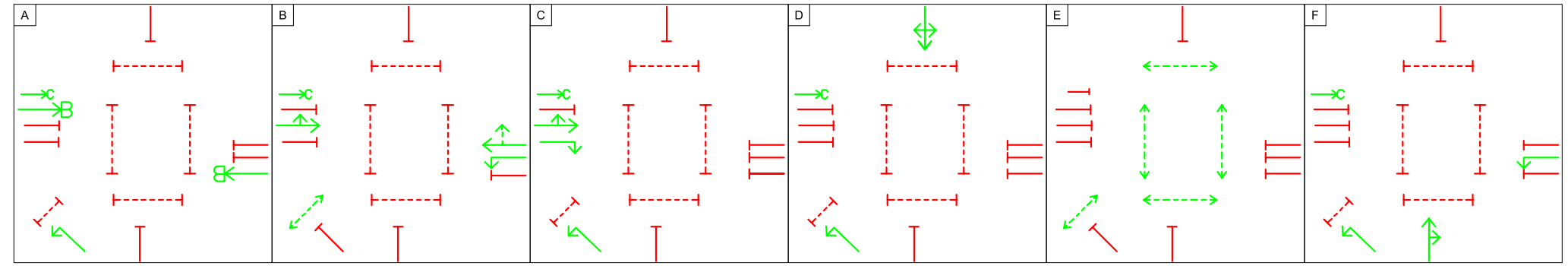
**TRAFFIC SIGNAL EQUIPMENT:**

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

**GENERAL:**

- SITE BOUNDARY LINE
- TEMPORARY LAND ACQUISITION

**INDICATIVE METHOD OF CONTROL**



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Rev	Date	Drn	Chk'd	App'd	Description
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Client: **NTA**  
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National Transport Authority

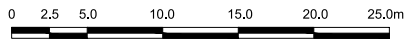
Engineering Designer: **Jacobs**

Date	Scale	Drawn	Checked	Approved
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Project Code	Originator Code	QMS Code		
BCIDB	JAC			

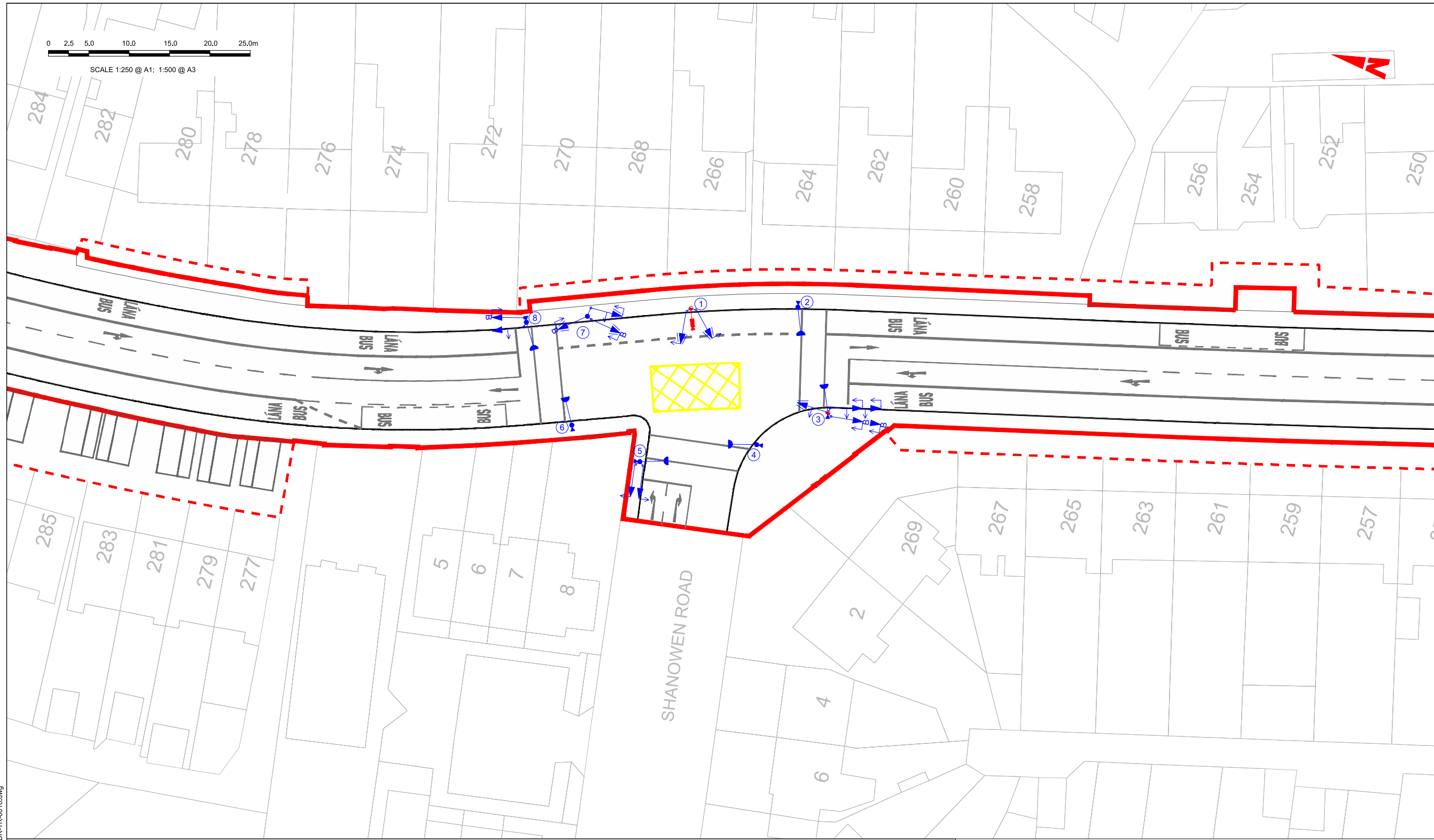
Programme Title <b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>			
Drawing Title SWORDS TO CITY CENTRE CORE BUS CORRIDOR SCHEME JUNCTION SYSTEM DESIGN SWORDS ROAD / OMNI PARK / LORCAN ROAD JUNCTION			
Drawing File Name BCIDB-JAC-TSM_SJ-0002_XX_00-DR-TR-0019	Sheet Number 19 of 44	Status A	Rev M01

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



**LEGEND:**

**TRAFFIC SIGNAL HEADS:**

- RTS 001: [Symbol]
- RTS 002: [Symbol]
- RTS 003: [Symbol]
- RTS 007: [Symbol]
- RPC 004: [Symbol]

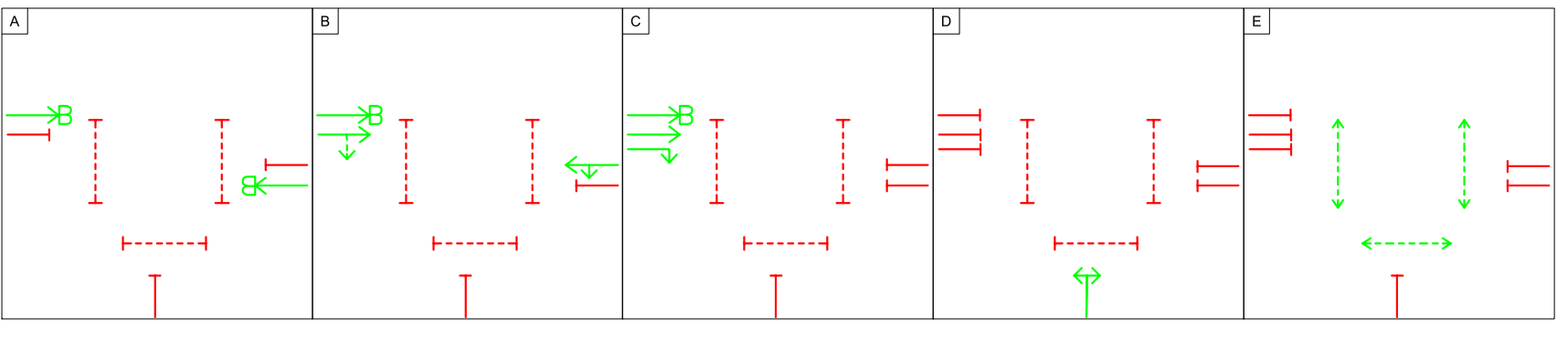
**TRAFFIC SIGNAL EQUIPMENT:**

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

**GENERAL:**

- SITE BOUNDARY LINE
- TEMPORARY LAND ACQUISITION

**INDICATIVE METHOD OF CONTROL**



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National Transport Authority

Engineering Designer: **Jacobs**

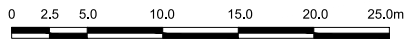
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06/04/2023	1:250 @ A1 1:500 @ A3	FM	IL	HOS
Project Code	Originator Code	QMS Code		
BCIDB	JAC			

Programme Title: <b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>			
Drawing Title: <b>SWORDS TO CITY CENTRE CORE BUS CORRIDOR SCHEME JUNCTION SYSTEM DESIGN SWORDS ROAD / SHANOWEN ROAD JUNCTION</b>			
Drawing File Name	Sheet Number	Status	Rev
BCIDB-JAC-TSM_SJ-0002_XX_00-DR-TR-0020	20 of 44	A	M01

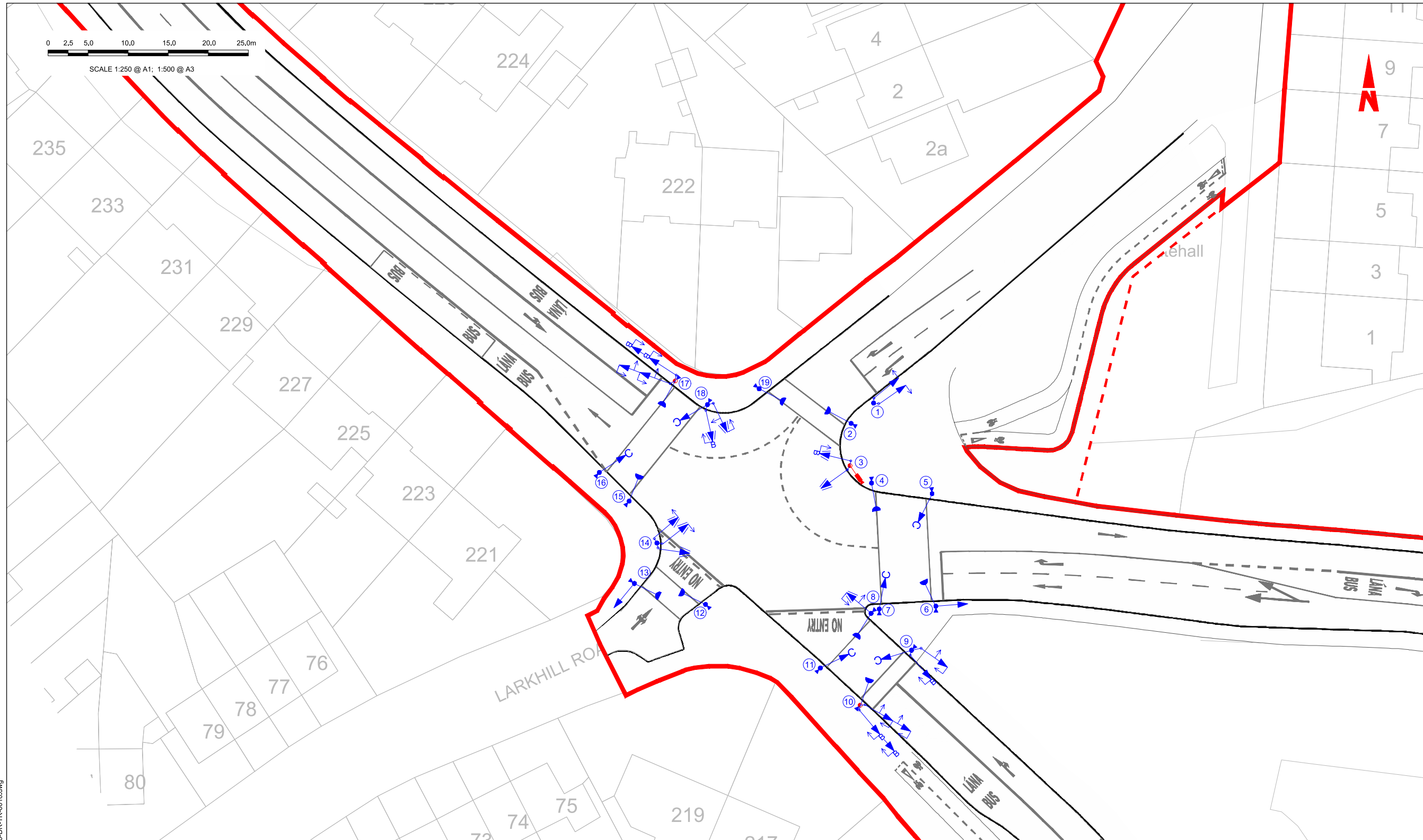
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SCALE 1:250 @ A1; 1:500 @ A3



**LEGEND:**

**TRAFFIC SIGNAL HEADS:**

RTS 001: [Symbol]

RTS 002: [Symbol]

RTS 003: [Symbol]

RTS 007: [Symbol]

RPC 004: [Symbol]

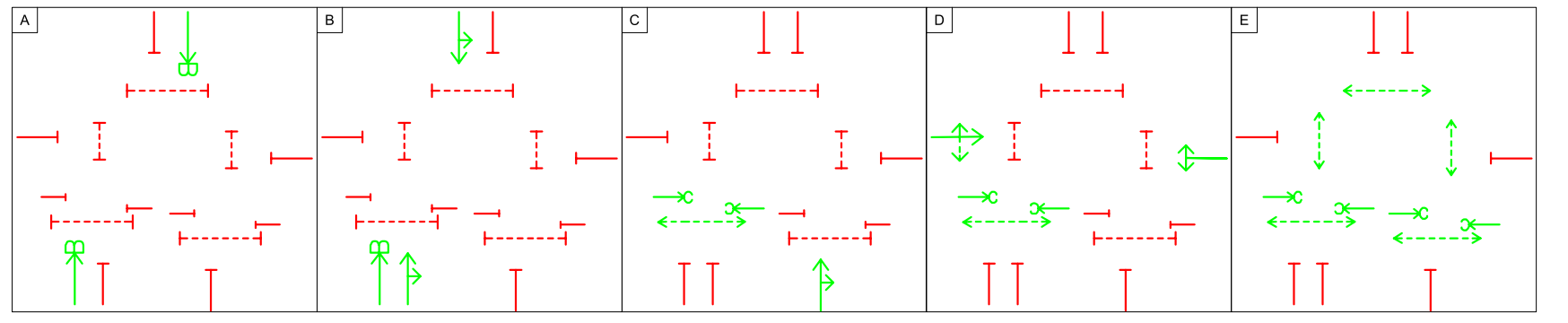
**TRAFFIC SIGNAL EQUIPMENT:**

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

**GENERAL:**

- SITE BOUNDARY LINE
- TEMPORARY LAND ACQUISITION

**INDICATIVE METHOD OF CONTROL**



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

Engineering Designer: **Jacobs**

Date: 06/04/2023 | Scale: 1:250 @ A1, 1:500 @ A3 | Drawn: FM | Checked: IL | Approved: HOS

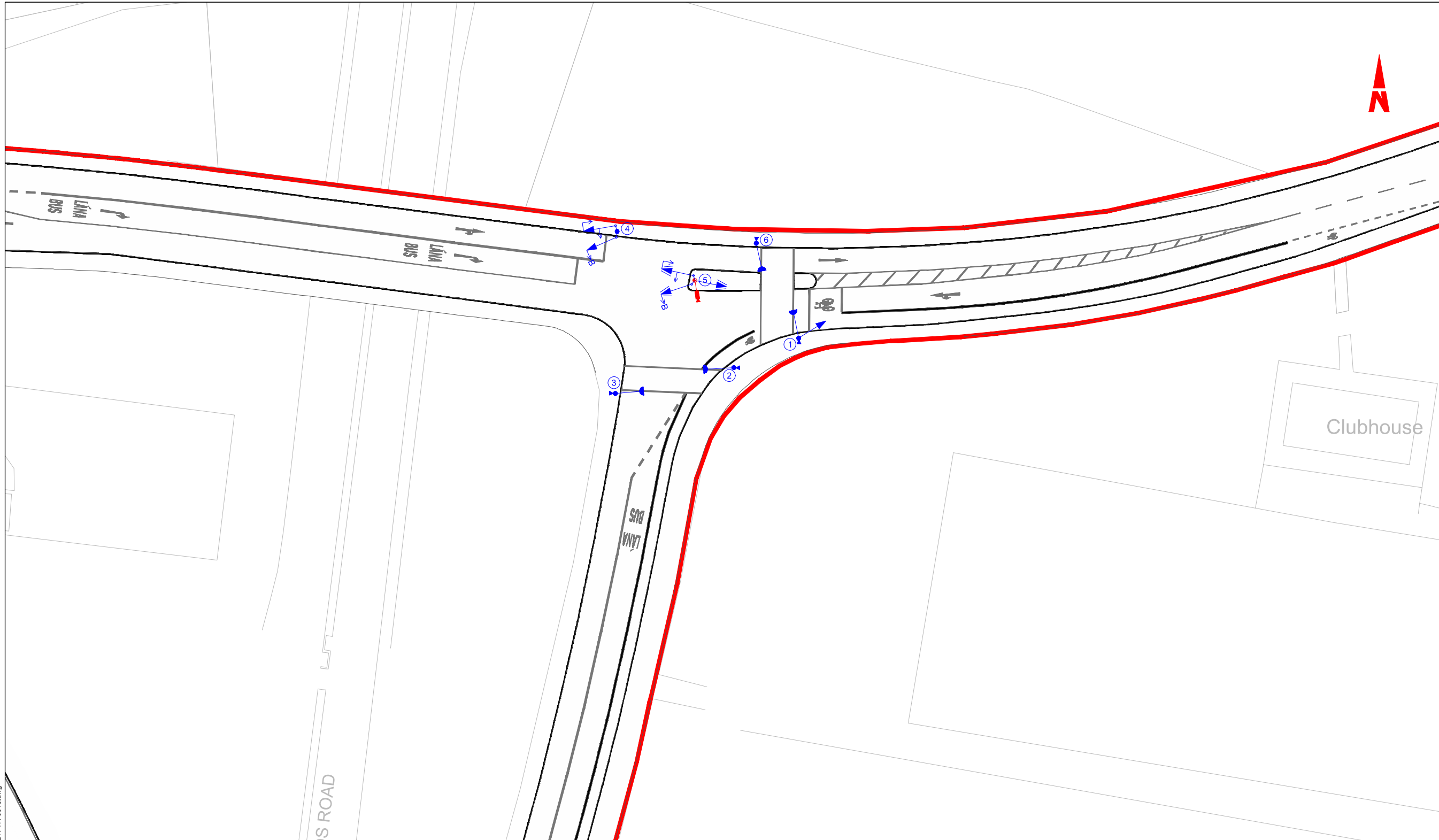
Project Code: BCIDB | Originator Code: JAC | QMS Code:

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

Drawing Title: **SWORDS TO CITY CENTRE CORE BUS CORRIDOR SCHEME**  
JUNCTION SYSTEM DESIGN  
SWORDS ROAD / SHANRATH JUNCTION

Drawing File Name: BCIDB-JAC-TSM\_SJ-0002\_XX\_00-DR-TR-0021 | Sheet Number: 21 of 44 | Status: A | Rev: M01

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**LEGEND:**

**TRAFFIC SIGNAL HEADS:**

RTS 001

RTS 002

RTS 003

RTS 007

RPC 004

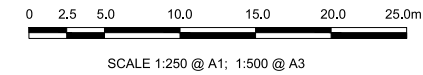
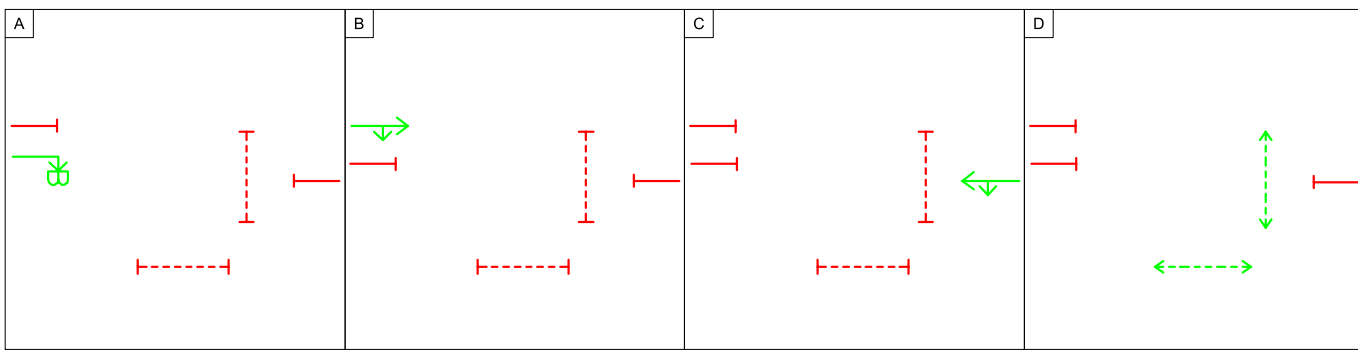
**TRAFFIC SIGNAL EQUIPMENT:**

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- TALL POLE (CCTV/TRAFFIC SIGNALS)
- POLE NUMBER
- PUSH BUTTON UNIT
- CCTV CAMERA

**GENERAL:**

- SITE BOUNDARY LINE
- TEMPORARY LAND ACQUISITION

**INDICATIVE METHOD OF CONTROL**



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Rev	Date	Drn	Chk'd	App'd	Description
M01	06/04/2023	FM	IL	HOS	ISSUE FOR PHASE 4: PLANNING

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

Engineering Designer: **Jacobs**

Date	Scale	Drawn	Checked	Approved
06/04/2023	1:250 @ A1 1:500 @ A3	FM	IL	HOS
Project Code	Originator Code	QMS Code		
BCIDB	JAC			

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

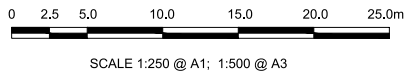
Drawing Title: **SWORDS TO CITY CENTRE CORE BUS CORRIDOR SCHEME  
 JUNCTION SYSTEM DESIGN  
 SWORDS ROAD / SHANTALLA ROAD JUNCTION**

Drawing File Name	Sheet Number	Status	Rev
BCIDB-JAC-TSM_SJ-0002_XX_00-DR-TR-0022	22 of 44	A	M01

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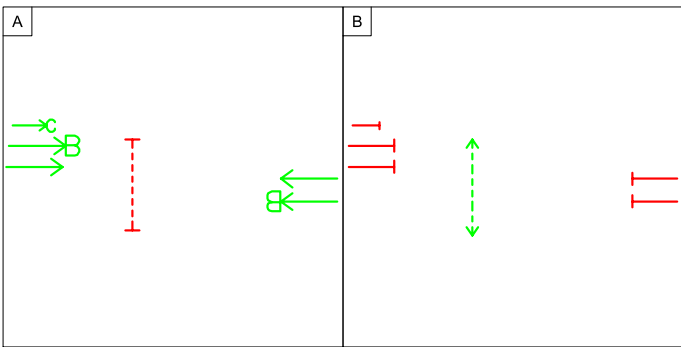
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- LEGEND:**
- TRAFFIC SIGNAL HEADS:**
- RTS 001: [Symbol]
  - RTS 002: [Symbol]
  - RTS 003: [Symbol]
  - RTS 007: [Symbol]
  - RPC 004: [Symbol]
- TRAFFIC SIGNAL EQUIPMENT:**
- POLE (STANDARD HEIGHT)
  - TALL POLE (CCTV/TRAFFIC SIGNALS)
  - POLE NUMBER
  - PUSH BUTTON UNIT
  - CCTV CAMERA
- GENERAL:**
- SITE BOUNDARY LINE
  - TEMPORARY LAND ACQUISITION

**INDICATIVE METHOD OF CONTROL**



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Rev	Date	Drn	Chk'd	App'd	Description
M01	06/04/2023	FM	IL	HOS	ISSUE FOR PHASE 4: PLANNING

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

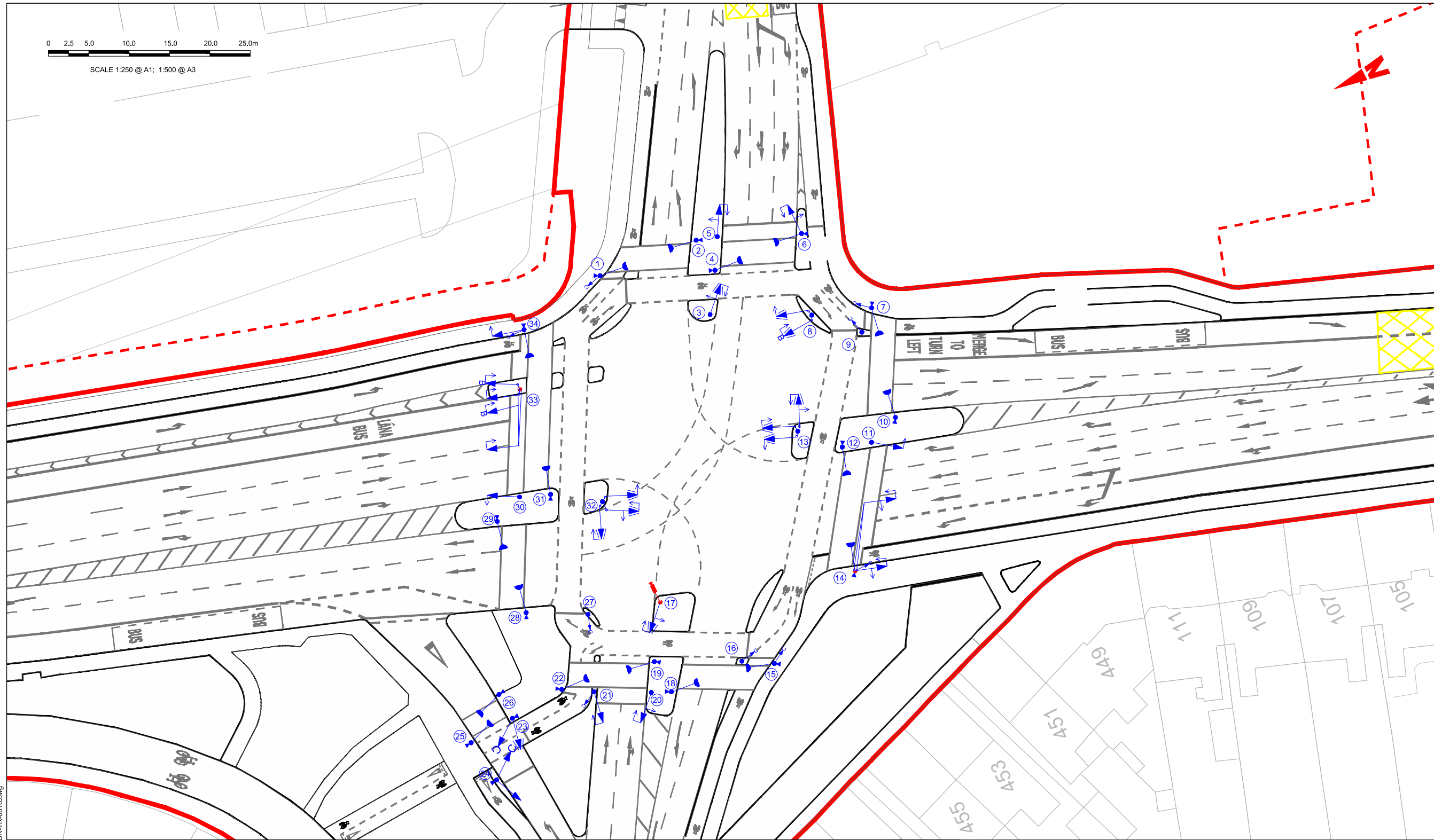
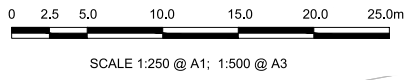
Engineering Designer: **Jacobs**

Date	Scale	Drawn	Checked	Approved
06/04/2023	1:250 @ A1 1:500 @ A3	FM	IL	HOS
Project Code	Originator Code	QMS Code		
BCIDB	JAC			

Programme Title: <b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>			
Drawing Title: <b>SWORDS TO CITY CENTRE CORE BUS CORRIDOR SCHEME JUNCTION SYSTEM DESIGN SWORDS ROAD / HOLY CHILD CHURCH PEDESTRIAN CROSSING</b>			
Drawing File Name	Sheet Number	Status	Rev
BCIDB-JAC-TSM_SJ-0002_XX_00-DR-TR-0023	23 of 44	A	M01

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**LEGEND:**

**TRAFFIC SIGNAL HEADS:**

RTS 001

RTS 002

RTS 003

RTS 007

RPC 004

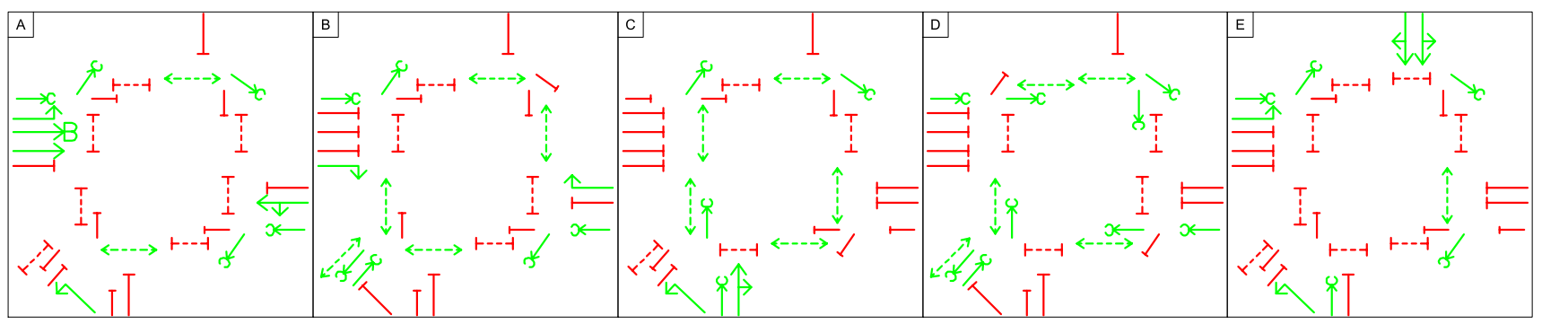
**TRAFFIC SIGNAL EQUIPMENT:**

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

**GENERAL:**

- SITE BOUNDARY LINE
- - - TEMPORARY LAND ACQUISITION

**INDICATIVE METHOD OF CONTROL**



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Rev	Date	Drn	Chk'd	App'd	Description
M01	06/04/2023	FM	IL	HOS	ISSUE FOR PHASE 4: PLANNING

Client

**NTA**  
Údarás Náisiúnta Iompair  
National Transport Authority

Engineering Designer

**Jacobs**

Date: 06/04/2023  
Scale: 1:250 @ A1  
1:500 @ A3

Drawn: FM  
Checked: IL  
Approved: HOS

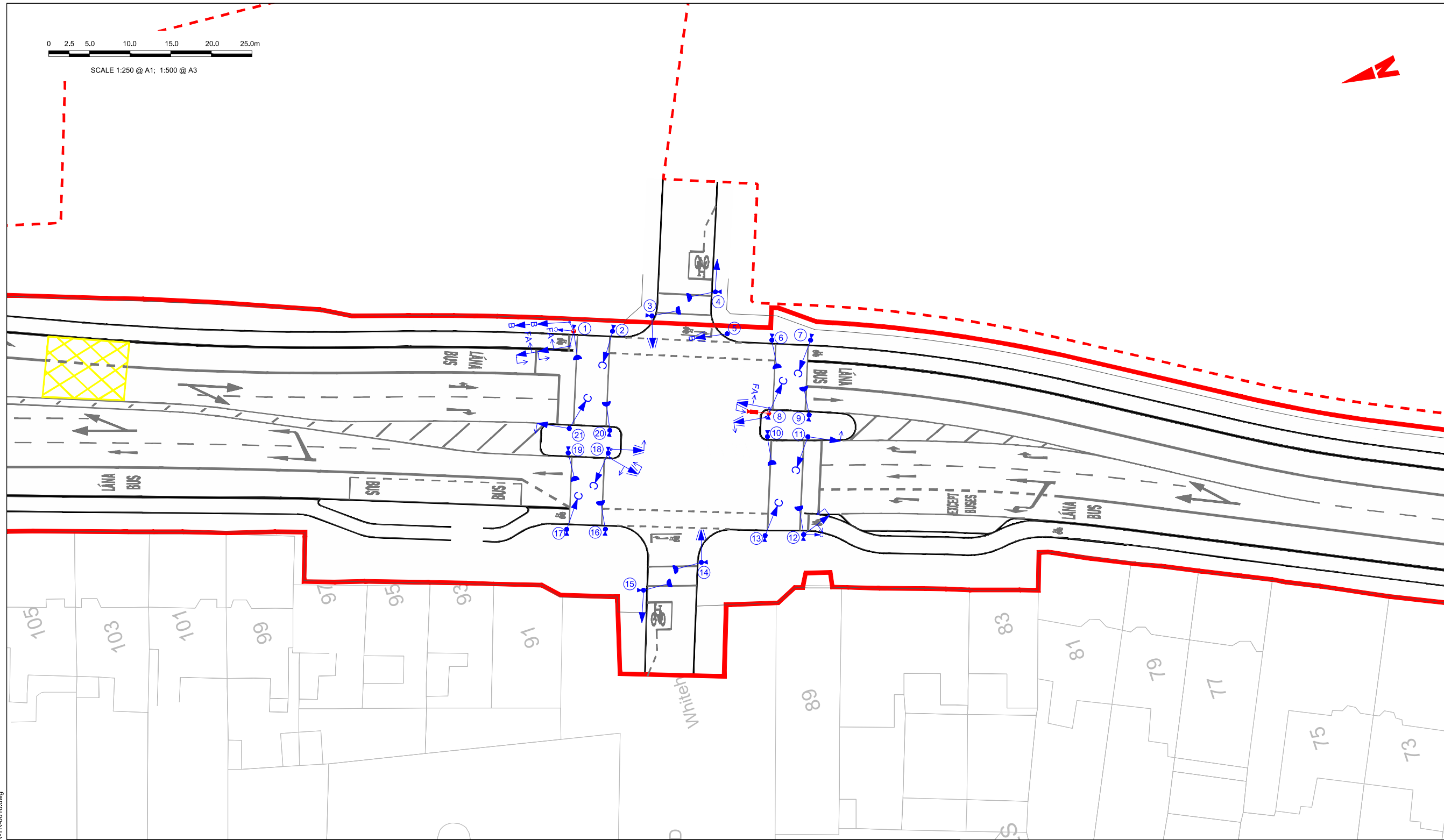
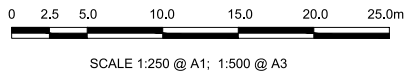
Project Code: BCIDB  
Originator Code: JAC

QMS Code

Programme Title				<b>BUSCONNECTS DUBLIN</b>			
				<b>CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>			
Drawing Title				SWORDS TO CITY CENTRE CORE BUS CORRIDOR SCHEME			
				JUNCTION SYSTEM DESIGN			
				SWORDS ROAD / COLLINS AVENUE JUNCTION			
Drawing File Name		Sheet Number		Status		Rev	
BCIDB-JAC-TSM_SJ-0002_XX_00-DR-TR-0024		24 of 44		A		M01	

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**LEGEND:**

**TRAFFIC SIGNAL HEADS:**

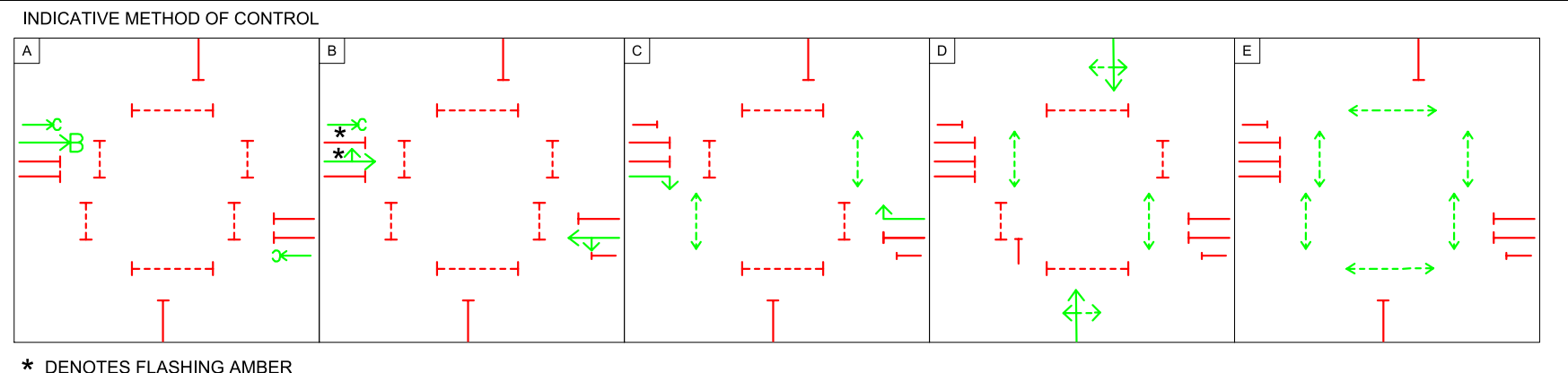
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- RTS 002: [Symbol]
- RTS 003: [Symbol]
- RTS 007: [Symbol]
- RPC 004: [Symbol]

**TRAFFIC SIGNAL EQUIPMENT:**

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

**GENERAL:**

- SITE BOUNDARY LINE
- TEMPORARY LAND ACQUISITION



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

Engineering Designer: **Jacobs**

Date: 06/04/2023 | Scale: 1:250 @ A1, 1:500 @ A3

Project Code: BCIDB | Originator Code: JAC

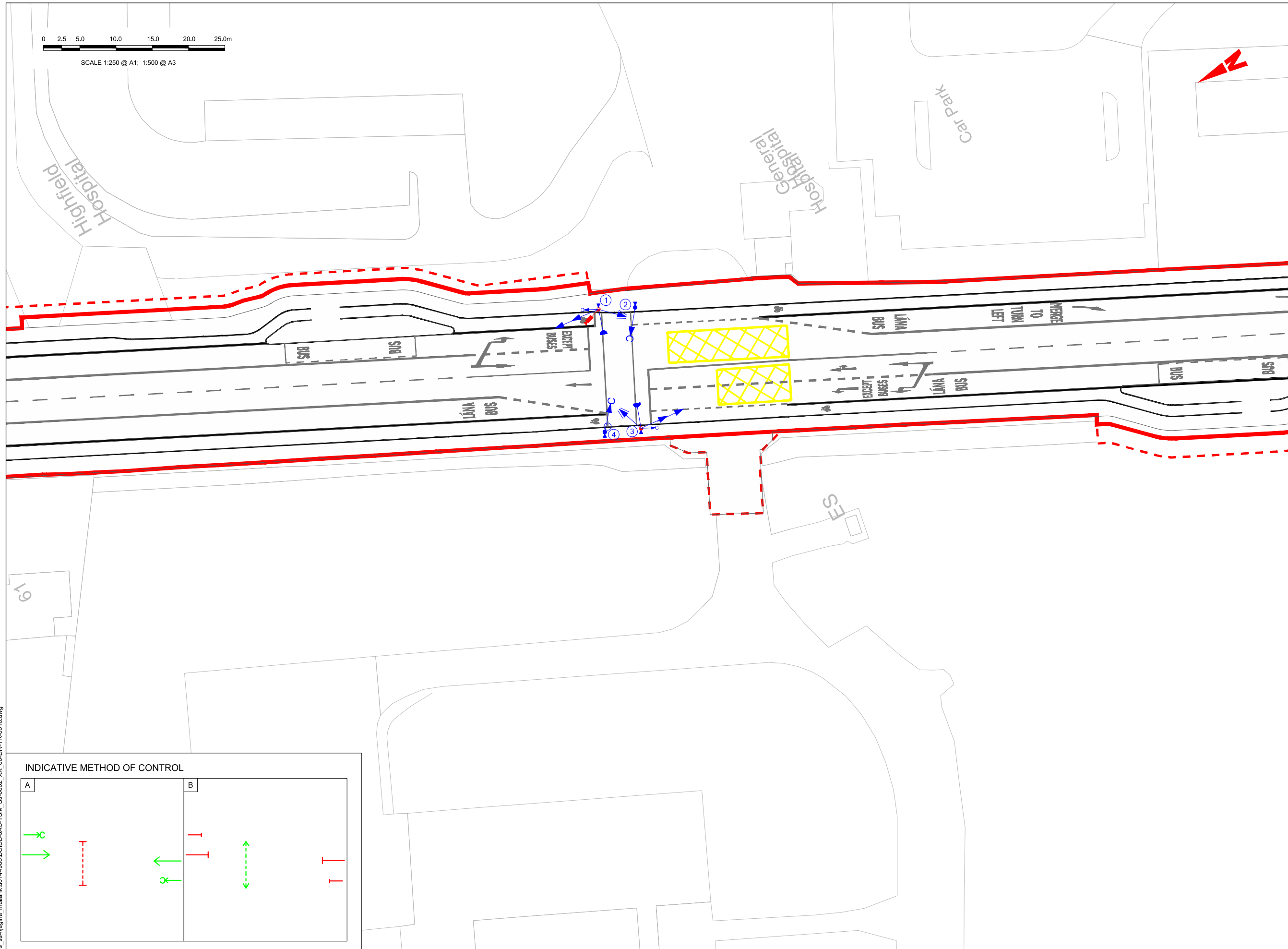
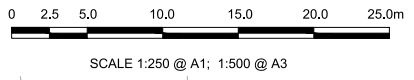
Drawn: FM | Checked: IL | Approved: HOS

QMS Code

Programme Title: <b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>			
Drawing Title: <b>SWORDS TO CITY CENTRE CORE BUS CORRIDOR SCHEME JUNCTION SYSTEM DESIGN SWORDS ROAD / IVERAGH ROAD JUNCTION</b>			
Drawing File Name: BCIDB-JAC-TSM_SJ-0002_XX_00-DR-TR-0025	Sheet Number: 25 of 44	Status: A	Rev: M01

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**LEGEND:**

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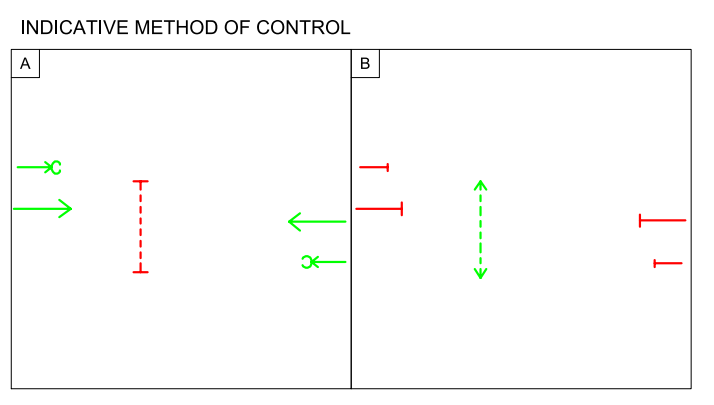
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- RTS 002: [Signal head symbols]
- RTS 003: [Signal head symbols]
- RTS 007: [Signal head symbol]
- RPC 004: [Signal head symbol]

**TRAFFIC SIGNAL EQUIPMENT:**

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

**GENERAL:**

- SITE BOUNDARY LINE
- TEMPORARY LAND ACQUISITION



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M01	06/04/2023	FM	IL	HOS	ISSUE FOR PHASE 4: PLANNING

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

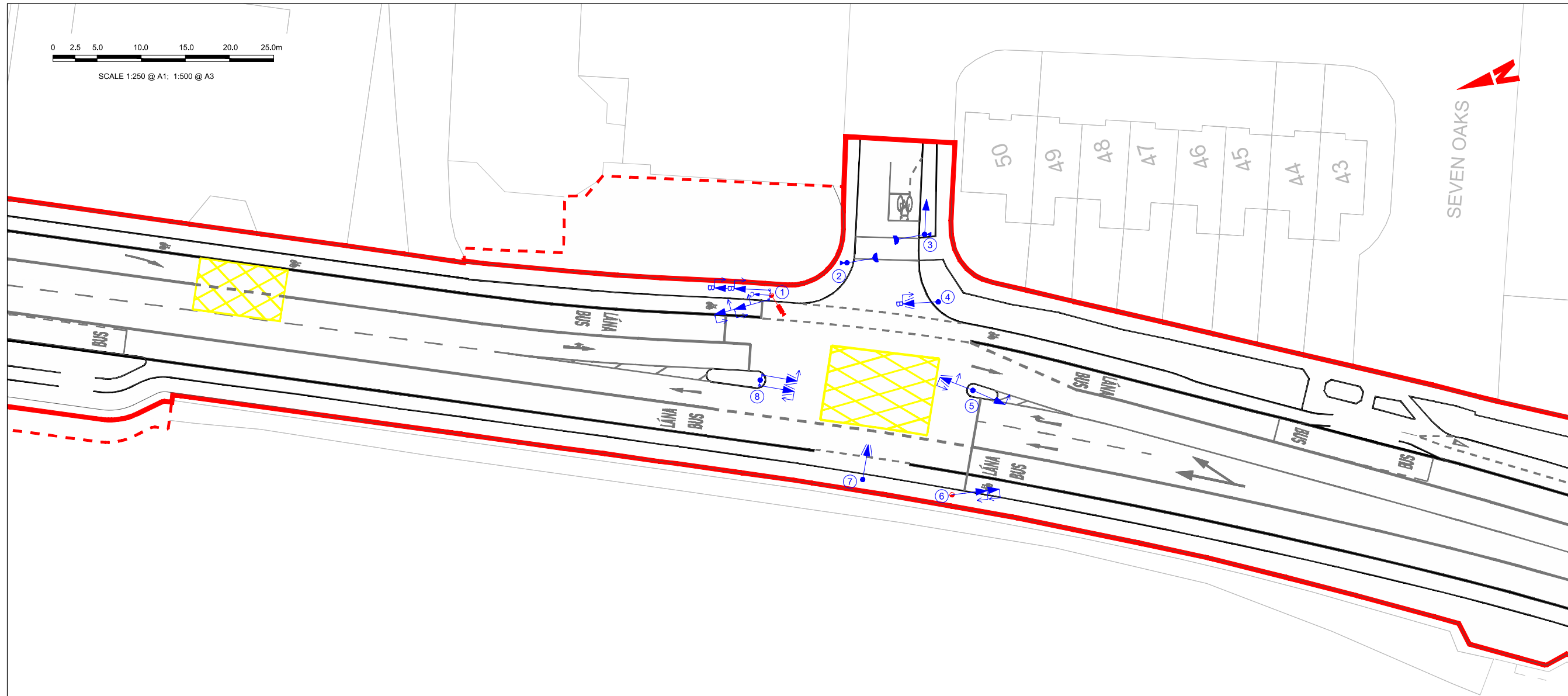
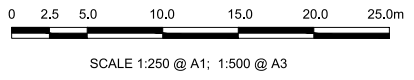
Engineering Designer: **Jacobs**

Date	Scale	Drawn	Checked	Approved
06/04/2023	1:250 @ A1 1:500 @ A3	FM	IL	HOS
Project Code	Originator Code	QMS Code		
BCIDB	JAC			

Programme Title: <b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>			
Drawing Title: <b>SWORDS TO CITY CENTRE CORE BUS CORRIDOR SCHEME JUNCTION SYSTEM DESIGN SWORDS ROAD / HIGHFIELD HOSPITAL PEDESTRIAN CROSSING</b>			
Drawing File Name	Sheet Number	Status	Rev
BCIDB-JAC-TSM_SJ-0002_XX_00-DR-TR-0026	26 of 44	A	M01

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**LEGEND:**

**TRAFFIC SIGNAL HEADS:**

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- RTS 002: [Symbol]
- RTS 003: [Symbol]
- RTS 007: [Symbol]
- RPC 004: [Symbol]

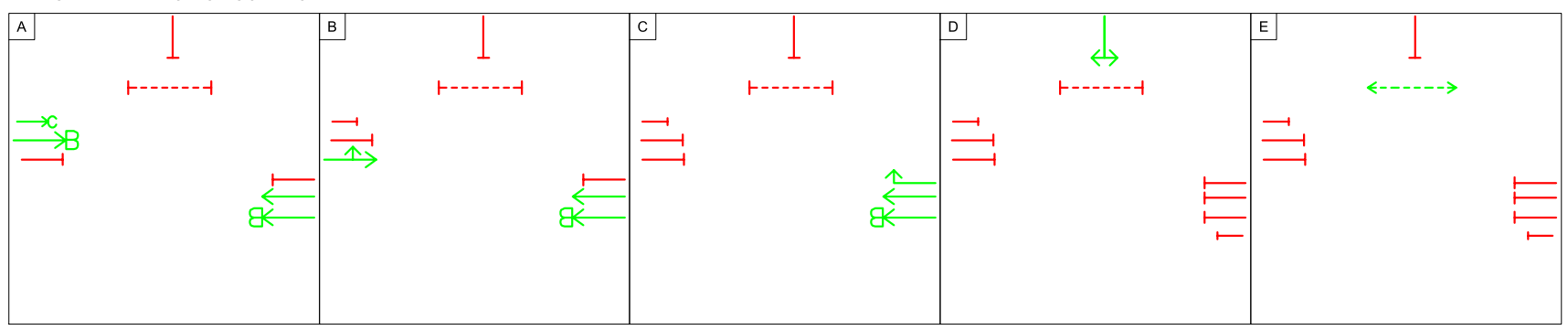
**TRAFFIC SIGNAL EQUIPMENT:**

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

**GENERAL:**

- SITE BOUNDARY LINE
- TEMPORARY LAND ACQUISITION

**INDICATIVE METHOD OF CONTROL**



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Rev	Date	Drn	Chk'd	App'd	Description
M01	06/04/2023	FM	IL	HOS	ISSUE FOR PHASE 4: PLANNING

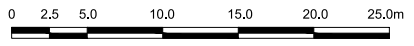
Client: **NTA**  
Údarás Náisiúnta Iompair  
National Transport Authority

Engineering Designer: **Jacobs**

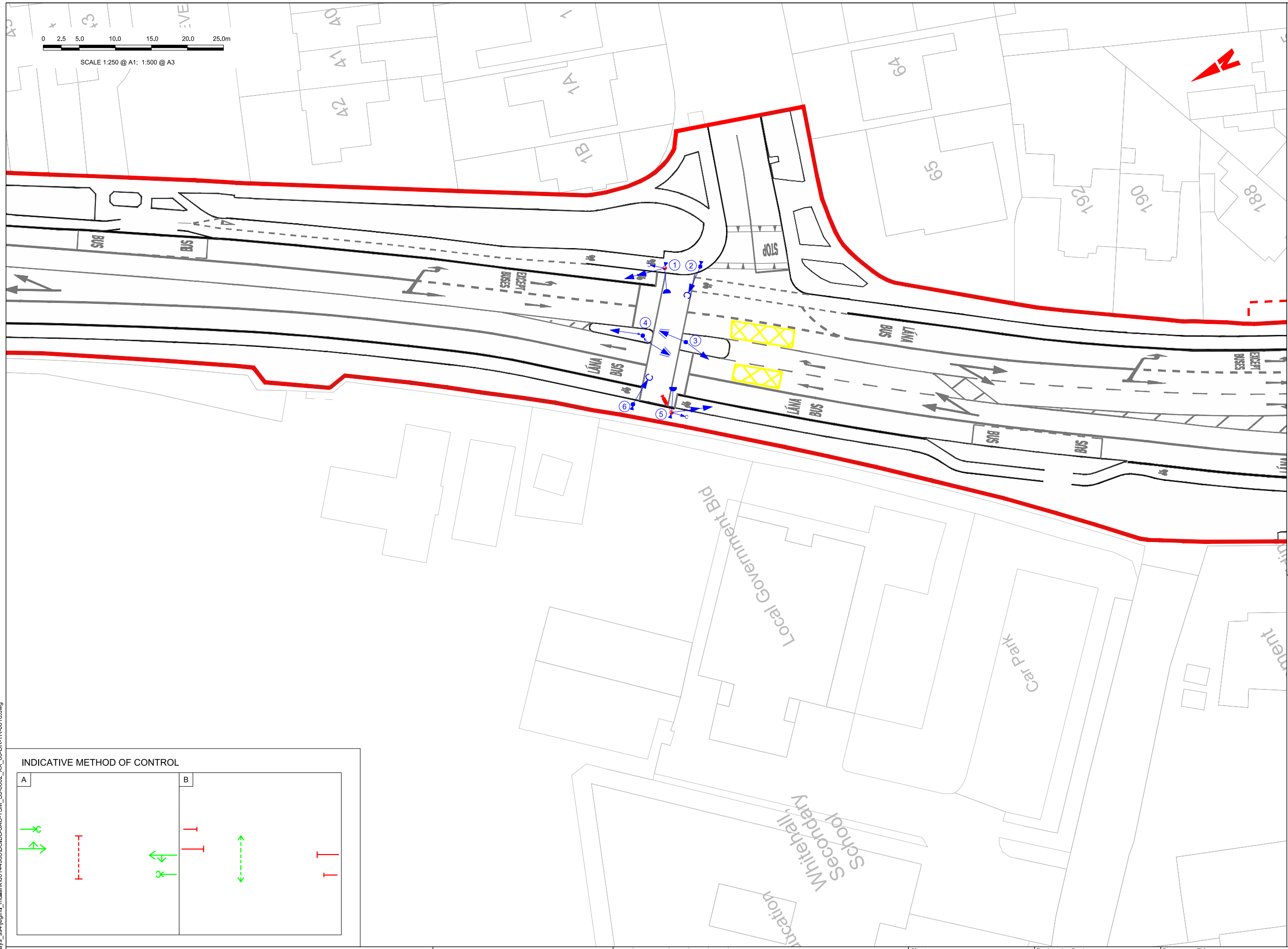
Date	Scale	Drawn	Checked	Approved
06/04/2023	1:250 @ A1 1:500 @ A3	FM	IL	HOS
Project Code	Originator Code	QMS Code		
BCIDB	JAC			

Programme Title <b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>			
Drawing Title SWORDS TO CITY CENTRE CORE BUS CORRIDOR SCHEME JUNCTION SYSTEM DESIGN SWORDS ROAD / SEVEN OAKS JUNCTION			
Drawing File Name BCIDB-JAC-TSM_SJ-0002_XX_00-DR-TR-0027	Sheet Number 27 of 44	Status A	Rev M01

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



**LEGEND:**

**TRAFFIC SIGNAL HEADS:**

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- RTS 002: [Symbol]
- RTS 003: [Symbol]
- RTS 007: [Symbol]
- RPC 004: [Symbol]

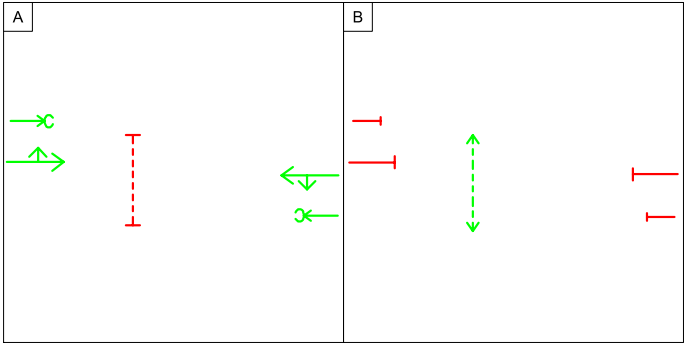
**TRAFFIC SIGNAL EQUIPMENT:**

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

**GENERAL:**

- SITE BOUNDARY LINE
- TEMPORARY LAND ACQUISITION

**INDICATIVE METHOD OF CONTROL**



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Údarás Náisiúnta Iompair  
National Transport Authority

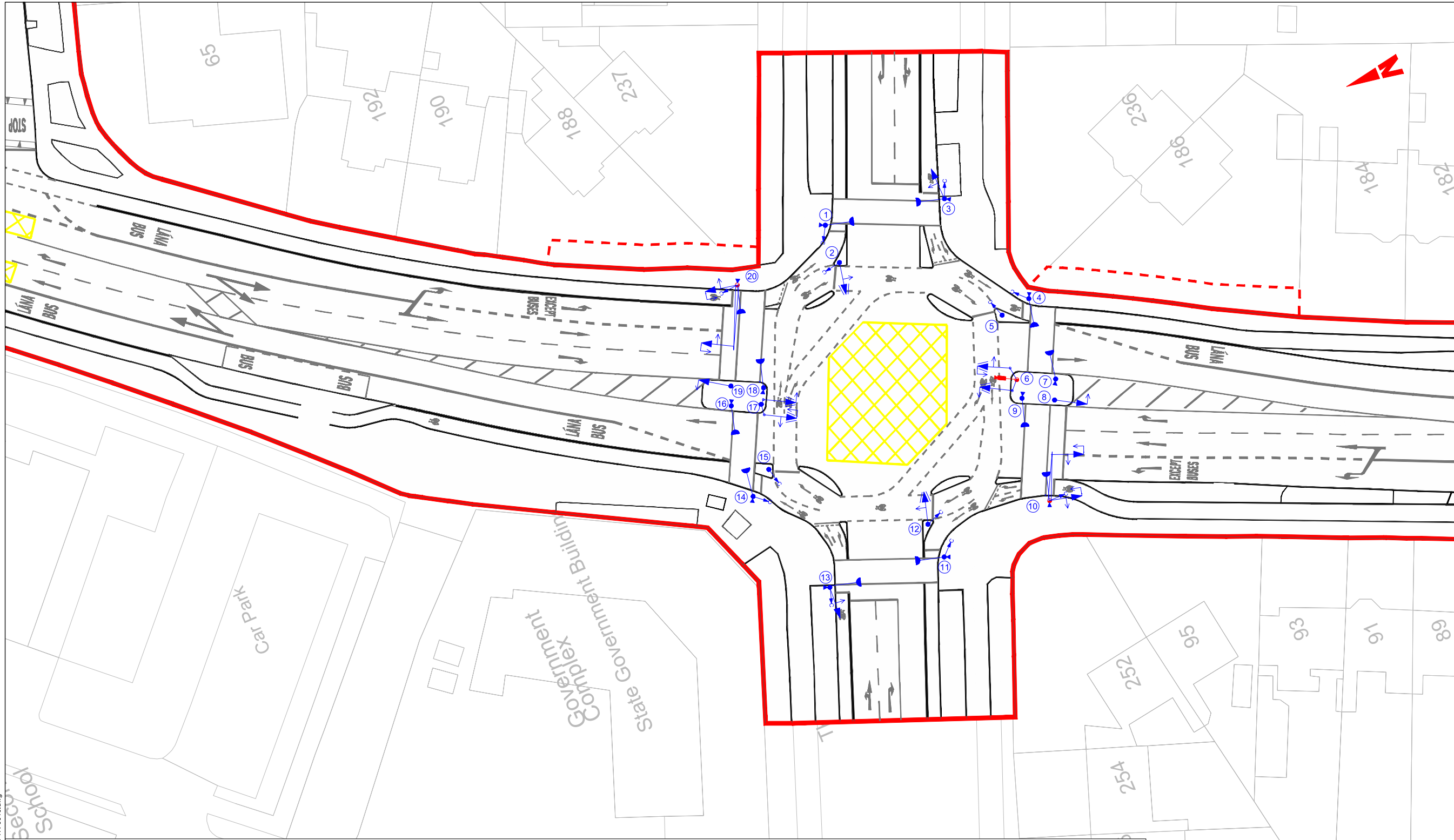
Engineering Designer: **Jacobs**

Date	Scale	Drawn	Checked	Approved
06/04/2023	1:250 @ A1 1:500 @ A3	FM	IL	HOS
Project Code	Originator Code	QMS Code		
BCIDB	JAC			

Programme Title: <b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>			
Drawing Title: <b>SWORDS TO CITY CENTRE CORE BUS CORRIDOR SCHEME JUNCTION SYSTEM DESIGN SWORDS ROAD / GRIFFITH DOWNS PEDESTRIAN CROSSING</b>			
Drawing File Name	Sheet Number	Status	Rev
BCIDB-JAC-TSM_SJ-0002_XX_00-DR-TR-0028	28 of 44	A	M01

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**LEGEND:**

**TRAFFIC SIGNAL HEADS:**

RTS 001

RTS 002

RTS 003

RTS 007

RPC 004

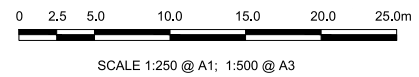
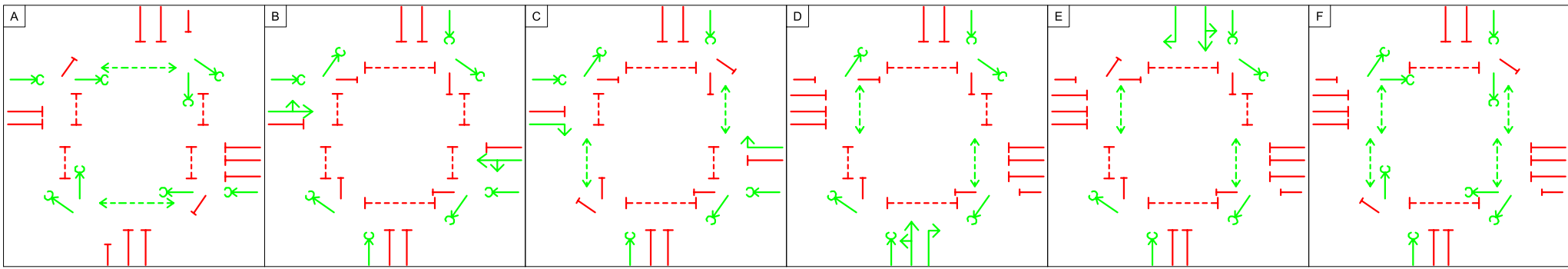
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- POLE (STANDARD HEIGHT)
- TALL POLE (CCTV/TRAFFIC SIGNALS)
- POLE NUMBER
- PUSH BUTTON UNIT
- CCTV CAMERA

**GENERAL:**

- SITE BOUNDARY LINE
- TEMPORARY LAND ACQUISITION

**INDICATIVE METHOD OF CONTROL**



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Rev	Date	Drn	Chk'd	App'd	Description
M01	06/04/2023	FM	IL	HOS	ISSUE FOR PHASE 4: PLANNING

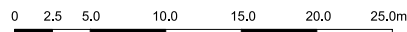
Client: **NTA**  
Údarás Náisiúnta Iompair  
National Transport Authority

Engineering Designer: **Jacobs**

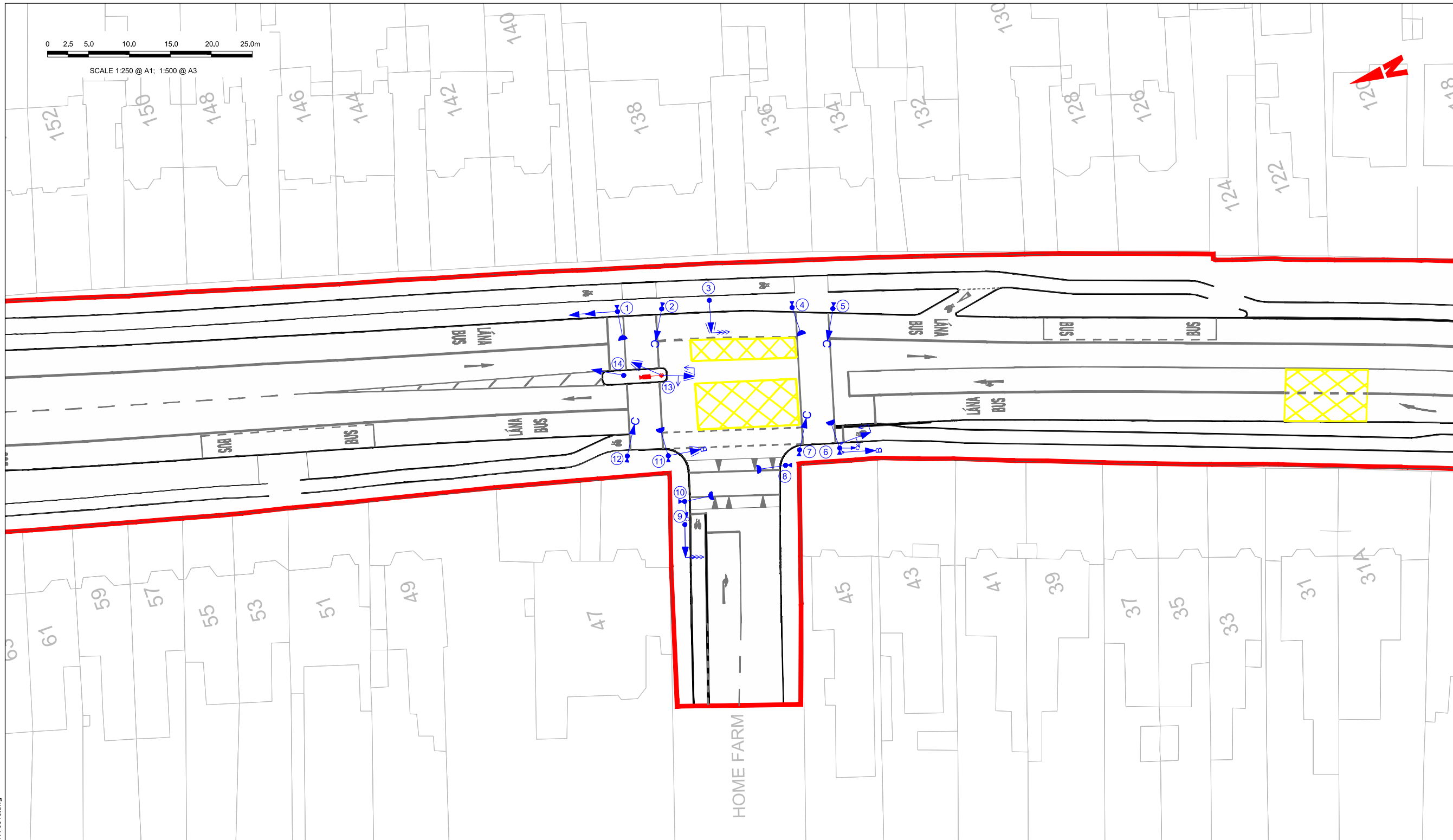
Date	Scale	Drawn	Checked	Approved
06/04/2023	1:250 @ A1 1:500 @ A3	FM	IL	HOS
Project Code	Originator Code	QMS Code		
BCIDB	JAC			

Programme Title <b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>			
Drawing Title SWORDS TO CITY CENTRE CORE BUS CORRIDOR SCHEME JUNCTION SYSTEM DESIGN SWORDS ROAD / GRIFFITH AVENUE JUNCTION			
Drawing File Name BCIDB-JAC-TSM_SJ-0002_XX_00-DR-TR-0029	Sheet Number 29 of 44	Status A	Rev M01

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



**LEGEND:**

**TRAFFIC SIGNAL HEADS:**

- RTS 001: [Symbol]
- RTS 002: [Symbol]
- RTS 003: [Symbol]
- RTS 007: [Symbol]
- RPC 004: [Symbol]

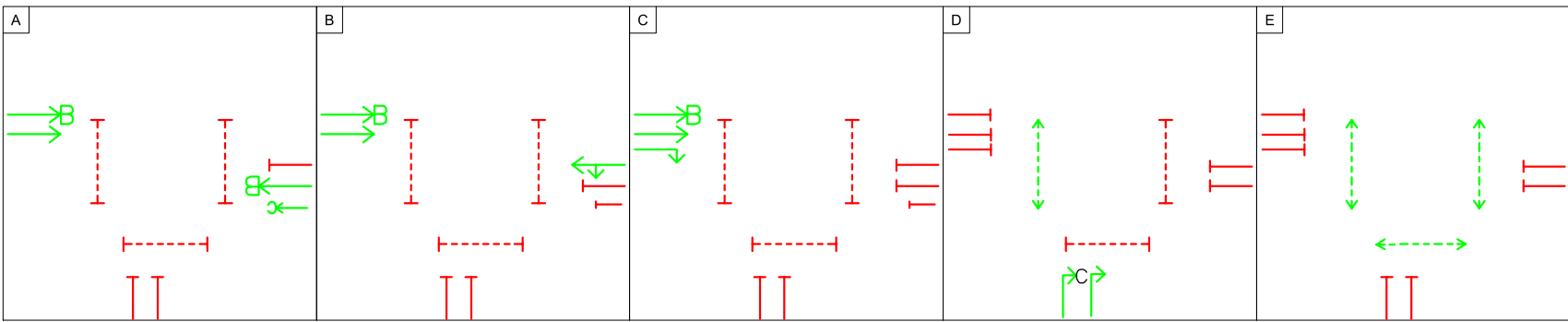
**TRAFFIC SIGNAL EQUIPMENT:**

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

**GENERAL:**

- SITE BOUNDARY LINE
- TEMPORARY LAND ACQUISITION

**INDICATIVE METHOD OF CONTROL**



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Rev	Date	Drn	Chk'd	App'd	Description
M01	06/04/2023	FM	IL	HOS	ISSUE FOR PHASE 4: PLANNING

Client

**NTA**  
Údarás Náisiúnta Iompair  
National Transport Authority

Engineering Designer

**Jacobs**

Date	Scale	Drawn	Checked	Approved
06/04/2023	1:250 @ A1 1:500 @ A3	FM	IL	HOS
Project Code	Originator Code	QMS Code		
BCIDB	JAC			

Programme Title

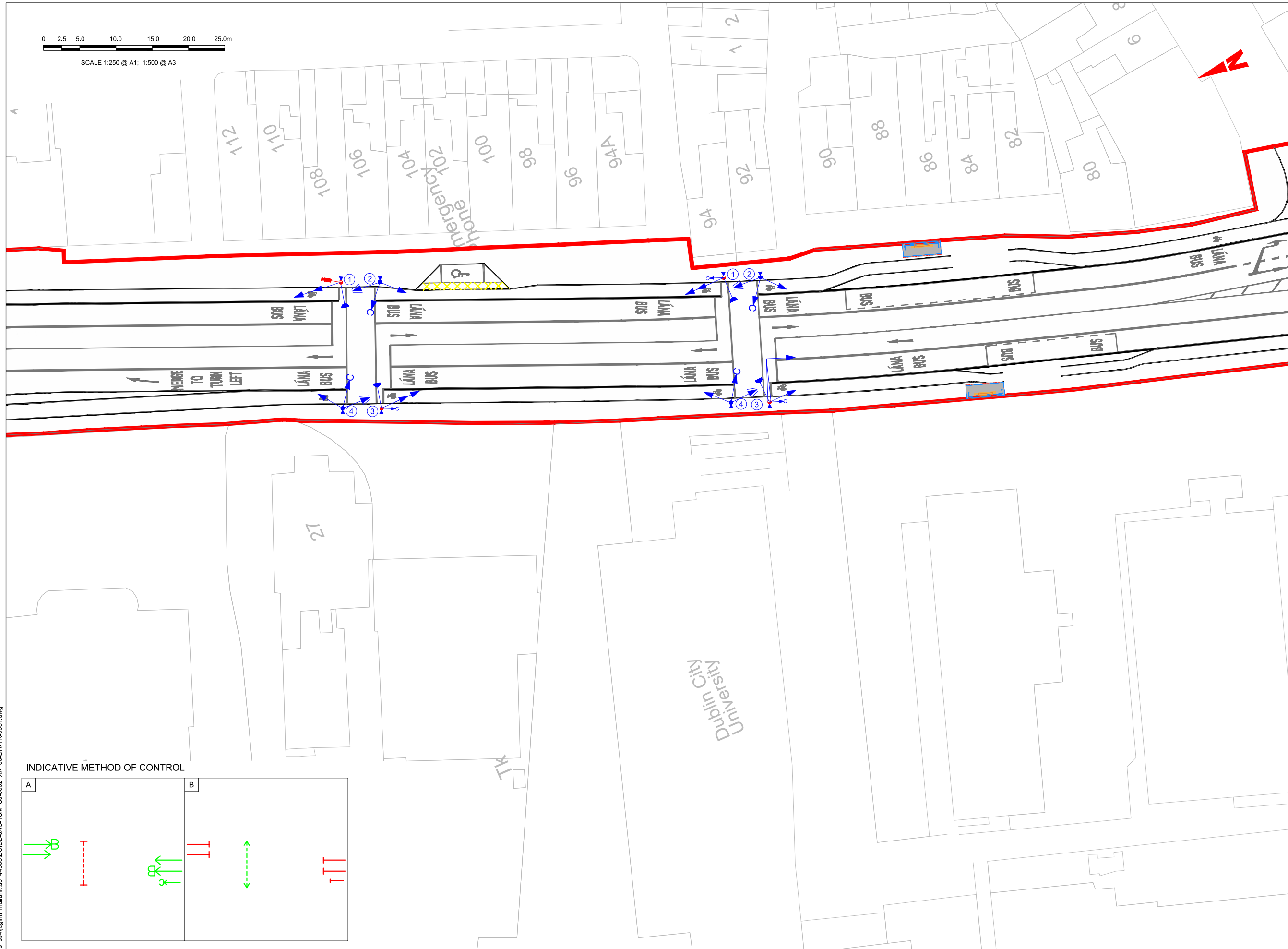
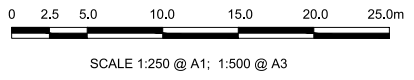
**BUSCONNECTS DUBLIN**  
**CORE BUS CORRIDORS INFRASTRUCTURE WORKS**

Drawing Title

SWORDS TO CITY CENTRE CORE BUS CORRIDOR SCHEME  
JUNCTION SYSTEM DESIGN  
UPPER DRUMCONDRA ROAD / HOME FARM ROAD JUNCTION

Drawing File Name	Sheet Number	Status	Rev
BCIDB-JAC-TSM_SJ-0002_XX_00-DR-TR-0030	30 of 44	A	M01

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**LEGEND:**

**TRAFFIC SIGNAL HEADS:**

- RTS 001: [Symbol]
- RTS 002: [Symbol]
- RTS 003: [Symbol]
- RTS 007: [Symbol]
- RPC 004: [Symbol]

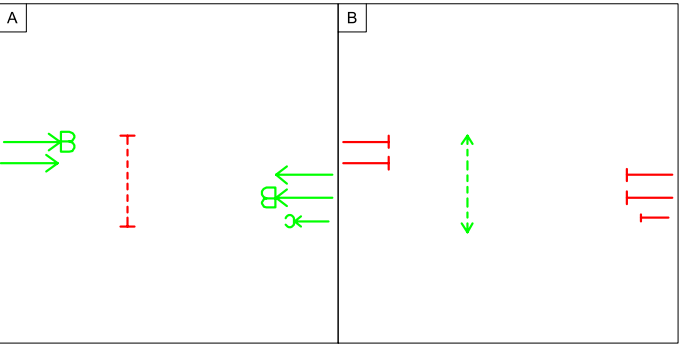
**TRAFFIC SIGNAL EQUIPMENT:**

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

**GENERAL:**

- SITE BOUNDARY LINE
- TEMPORARY LAND ACQUISITION

**INDICATIVE METHOD OF CONTROL**



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National Transport Authority

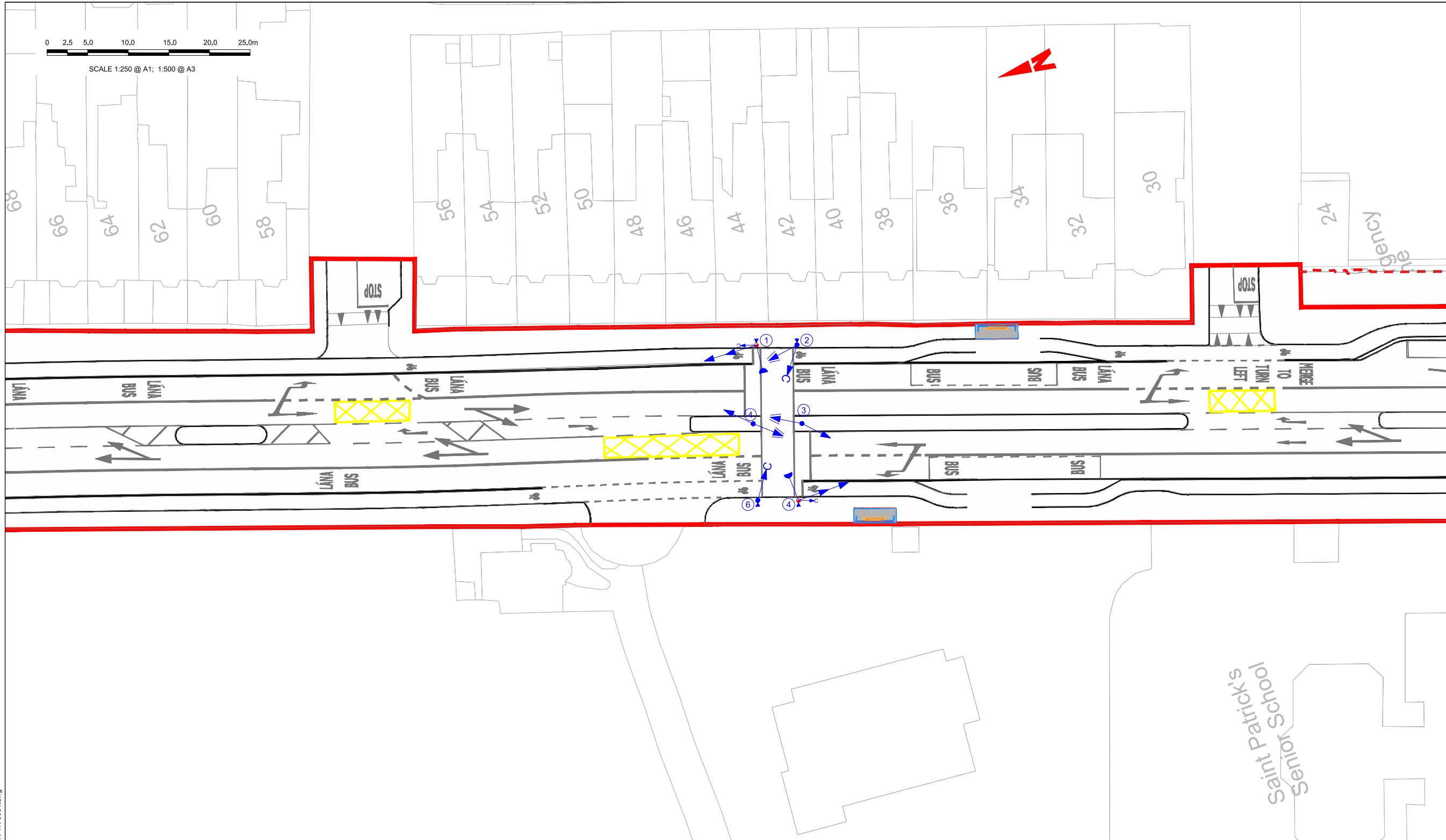
Engineering Designer: **Jacobs**

Date	Scale	Drawn	Checked	Approved
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Project Code	Originator Code	QMS Code		
BCIDB	JAC			

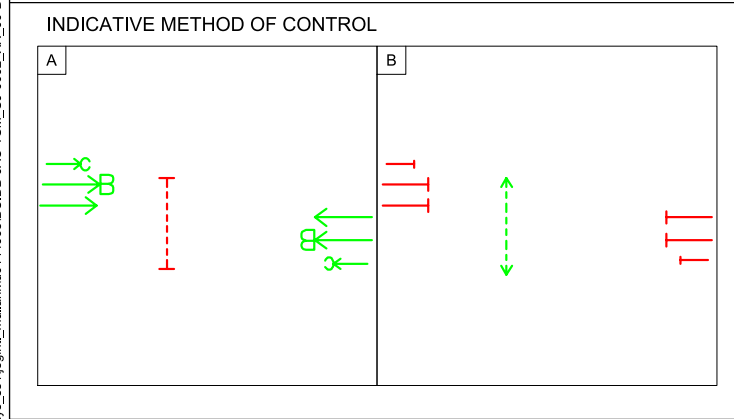
Programme Title: <b>BUSCONNECTS DUBLIN</b>			
CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title: SWORDS TO CITY CENTRE CORE BUS CORRIDOR SCHEME JUNCTION SYSTEM DESIGN UPPER DRUMCONDRA ROAD / FMYLON HOTEL PEDESTRIAN CROSSING			
Drawing File Name	Sheet Number	Status	Rev
BCIDB-JAC-TSM_SJ-0002_XX_00-DR-TR-0031	31 of 44	A	M01

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- LEGEND:**
- TRAFFIC SIGNAL HEADS:**
- RTS 001: [Symbol]
  - RTS 002: [Symbol]
  - RTS 003: [Symbol]
  - RTS 007: [Symbol]
  - RPC 004: [Symbol]
- TRAFFIC SIGNAL EQUIPMENT:**
- POLE (STANDARD HEIGHT)
  - TALL POLE (CCTV/TRAFFIC SIGNALS)
  - POLE NUMBER
  - PUSH BUTTON UNIT
  - CCTV CAMERA
- GENERAL:**
- SITE BOUNDARY LINE
  - TEMPORARY LAND ACQUISITION



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Rev	Date	Drn	Chk'd	App'd	Description
M01	06/04/2023	FM	IL	HOS	ISSUE FOR PHASE 4: PLANNING

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

Engineering Designer: **Jacobs**

Date: 06/04/2023 | Scale: 1:250 @ A1, 1:500 @ A3 | Drawn: FM | Checked: IL | Approved: HOS

Project Code: BCIDB | Originator Code: JAC | QMS Code:

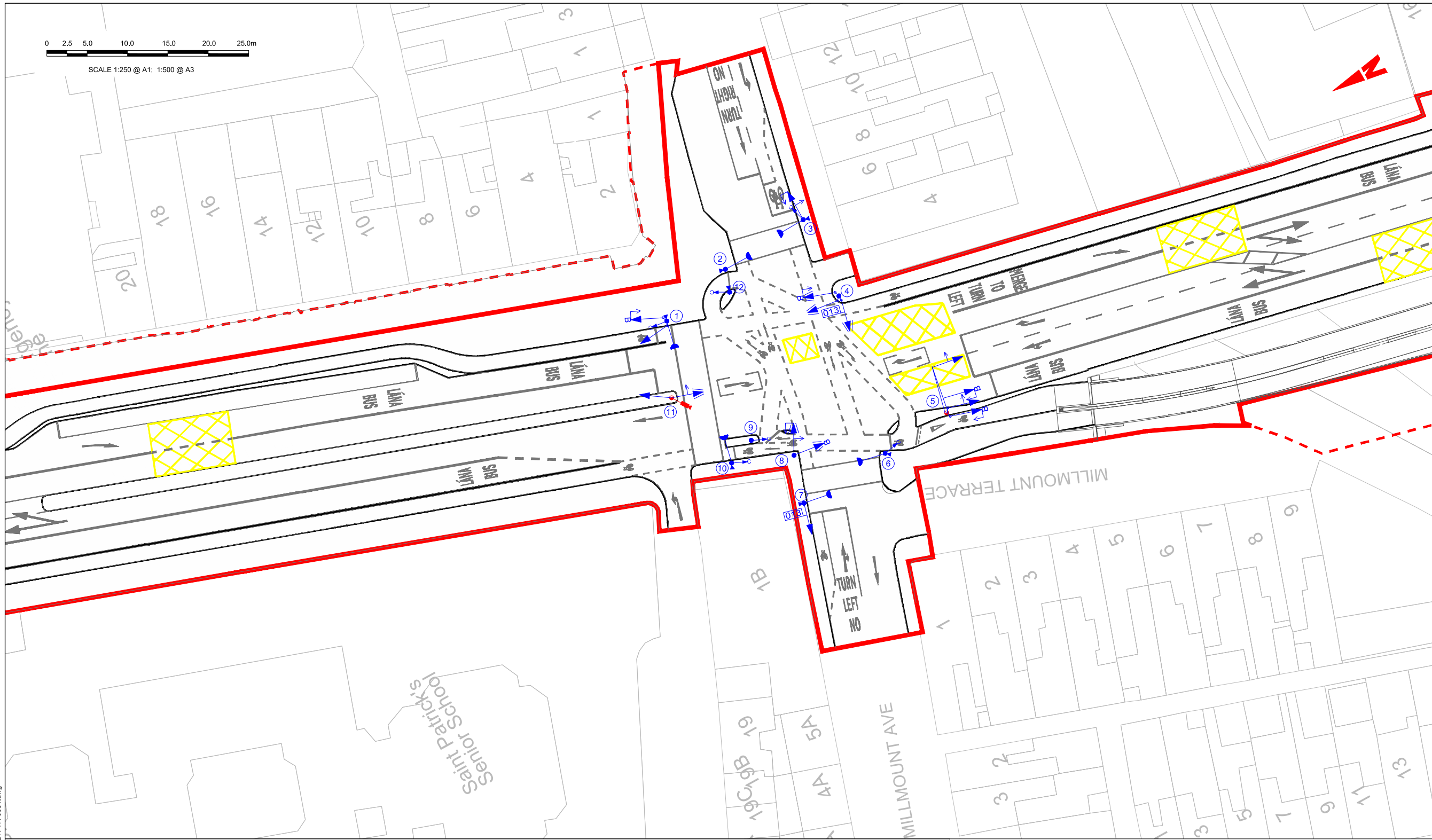
Programme Title: <b>BUSCONNECTS DUBLIN</b>			
CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title: SWORDS TO CITY CENTRE CORE BUS CORRIDOR SCHEME JUNCTION SYSTEM DESIGN UPPER DRUMCONDRA ROAD / ORMOND ROAD PEDESTRIAN CROSSING			
Drawing File Name: BCIDB-JAC-TSM_SJ-0002_XX_00-DR-TR-0032	Sheet Number: 32 of 44	Status: A	Rev: M01

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



**LEGEND:**

**TRAFFIC SIGNAL HEADS:**

- RTS 001: [Signal head symbol]
- RTS 002: [Signal head symbol]
- RTS 003: [Signal head symbol]
- RTS 007: [Signal head symbol]
- RPC 004: [Signal head symbol]

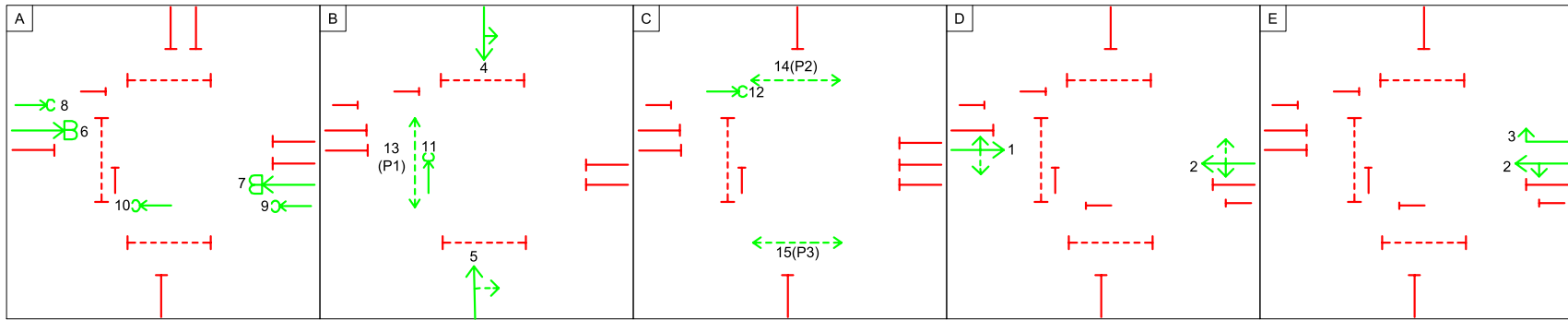
**TRAFFIC SIGNAL EQUIPMENT:**

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

**GENERAL:**

- SITE BOUNDARY LINE
- TEMPORARY LAND ACQUISITION

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Rev	Date	Drn	Chk'd	App'd	Description
M01	06/04/2023	FM	IL	HOS	ISSUE FOR PHASE 4: PLANNING

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

Engineering Designer: **Jacobs**

Date	Scale	Drawn	Checked	Approved
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Project Code	Originator Code	QMS Code		
BCIDB	JAC			

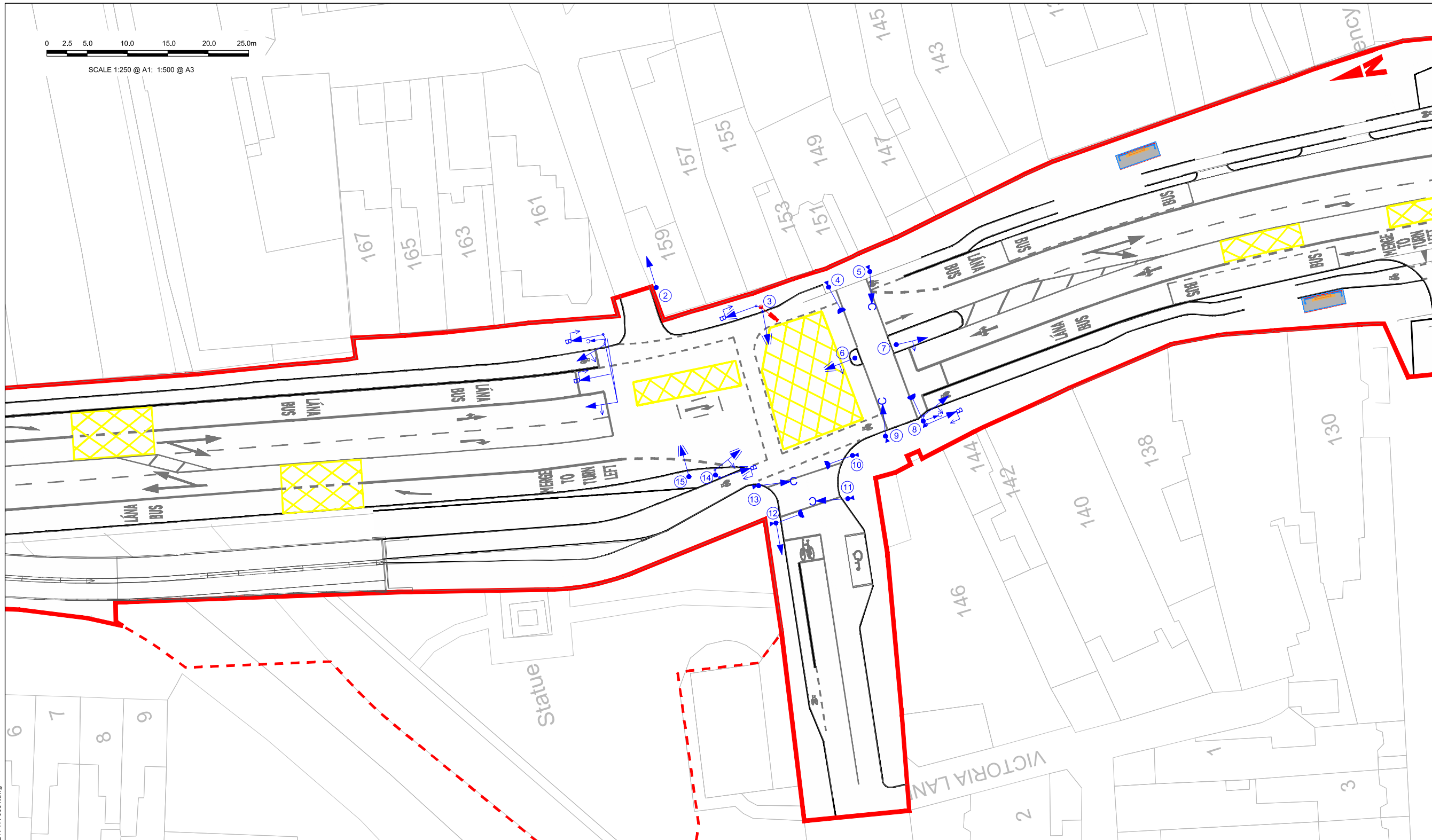
Programme Title	<b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>		
Drawing Title	SWORDS TO CITY CENTRE CORE BUS CORRIDOR SCHEME JUNCTION SYSTEM DESIGN UPPER DRUMCONDRA ROAD / RICHMOND ROAD / MILLMOUNT AVENUE JUNCTION		
Drawing File Name	Sheet Number	Status	Rev
BCIDB-JAC-TSM_SJ-0002_XX_00-DR-TR-0033	33 of 44	A	M01

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



**LEGEND:**

**TRAFFIC SIGNAL HEADS:**

- RTS 001: [Symbol]
- RTS 002: [Symbol]
- RTS 003: [Symbol]
- RTS 007: [Symbol]
- RPC 004: [Symbol]

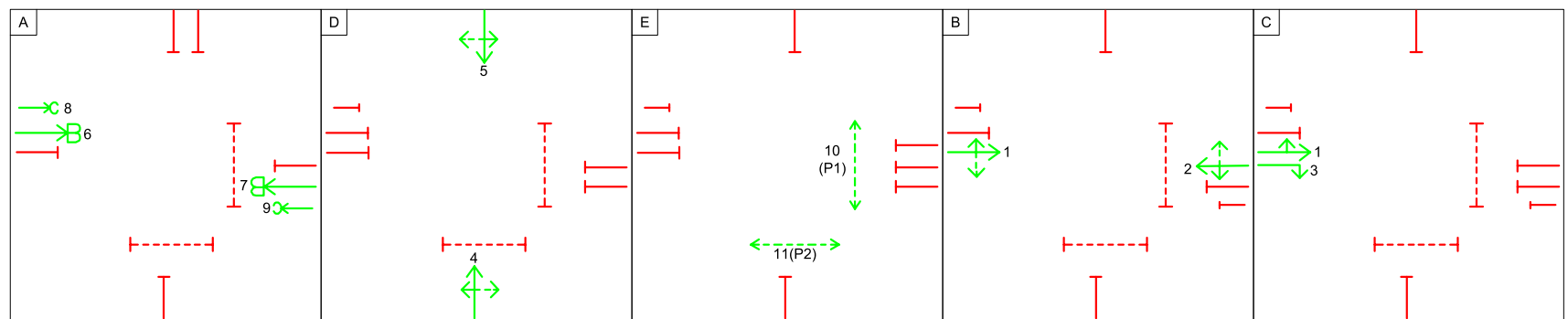
**TRAFFIC SIGNAL EQUIPMENT:**

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

**GENERAL:**

- SITE BOUNDARY LINE
- TEMPORARY LAND ACQUISITION

**INDICATIVE METHOD OF CONTROL**



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M01	06/04/2023	FM	IL	HOS	ISSUE FOR PHASE 4: PLANNING

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

Engineering Designer: **Jacobs**

Date: 06/04/2023 Scale: 1:250 @ A1, 1:500 @ A3

Project Code: BCIDB Originator Code: JAC

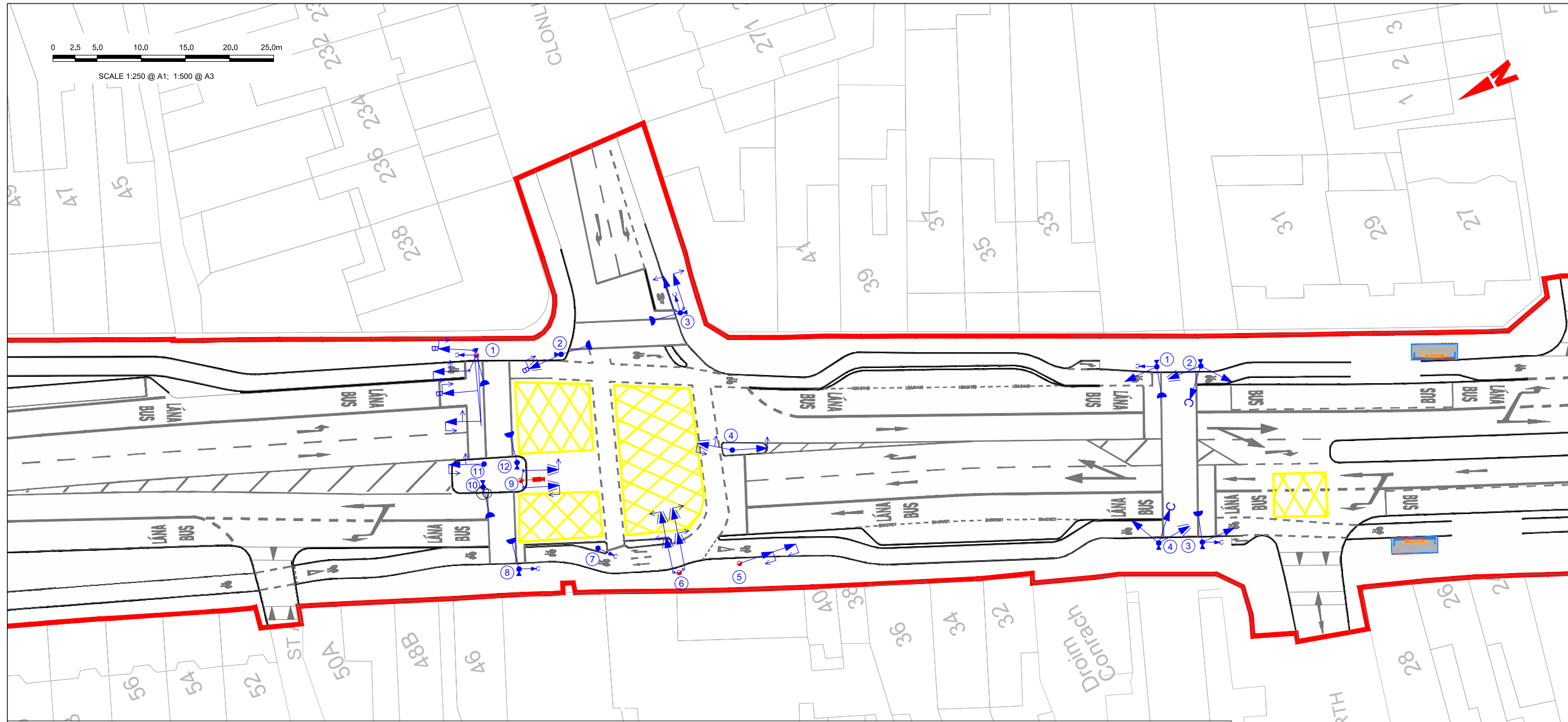
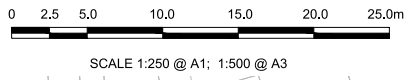
Drawn: FM, Checked: IL, Approved: HOS

Programme Title: <b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>			
Drawing Title: <b>SWORDS TO CITY CENTRE CORE BUS CORRIDOR SCHEME JUNCTION SYSTEM DESIGN UPPER DRUMCONDRA ROAD / BOTANIC AVENUE / CIAN PARK JUNCTION</b>			
Drawing File Name: BCIDB-JAC-TSM_SJ-0002_XX_00-DR-TR-0034	Sheet Number: 34 of 44	Status: A	Rev: M01

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**LEGEND:**

**TRAFFIC SIGNAL HEADS:**

- RTS 001: [Signal head symbol]
- RTS 002: [Signal head symbol]
- RTS 003: [Signal head symbol]
- RTS 007: [Signal head symbol]
- RPC 004: [Signal head symbol]

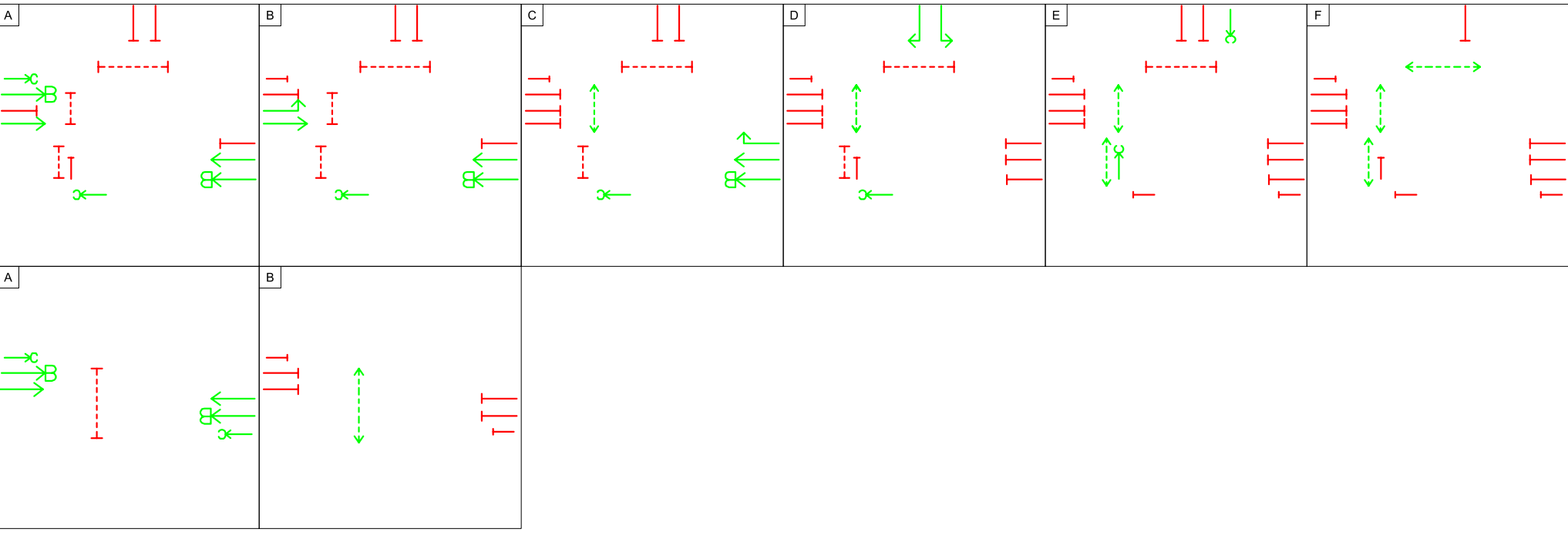
**TRAFFIC SIGNAL EQUIPMENT:**

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

**GENERAL:**

- SITE BOUNDARY LINE
- TEMPORARY LAND ACQUISITION

**INDICATIVE METHOD OF CONTROL**



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Rev	Date	Drn	Chk'd	App'd	Description
M01	06/04/2023	FM	IL	HOS	ISSUE FOR PHASE 4: PLANNING

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

Engineering Designer: **Jacobs**

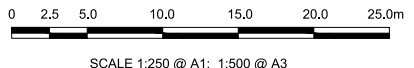
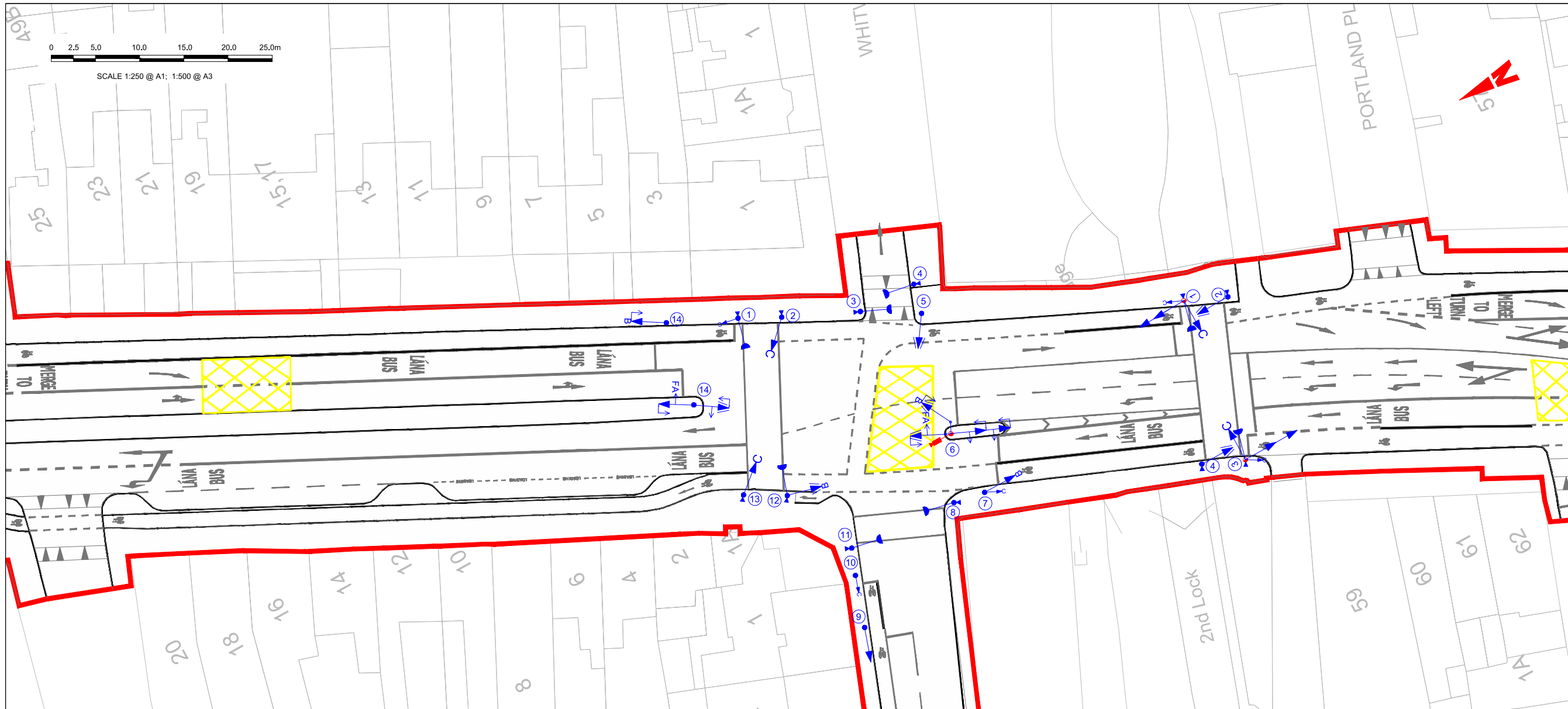
Date	Scale	Drawn	Checked	Approved
06/04/2023	1:250 @ A1 1:500 @ A3	FM	IL	HOS
Project Code	Originator Code	QMS Code		
BCIDB	JAC			

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

Drawing Title: **SWORDS TO CITY CENTRE CORE BUS CORRIDOR SCHEME**  
**JUNCTION SYSTEM DESIGN**  
**DRUMCONDRÁ ROAD LOWER / CLONLIFFE ROAD JUNCTION**

Drawing File Name	Sheet Number	Status	Rev
BCIDB-JAC-TSM_SJ-0002_XX_00-DR-TR-0035	35 of 44	A	M01

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**LEGEND:**

**TRAFFIC SIGNAL HEADS:**

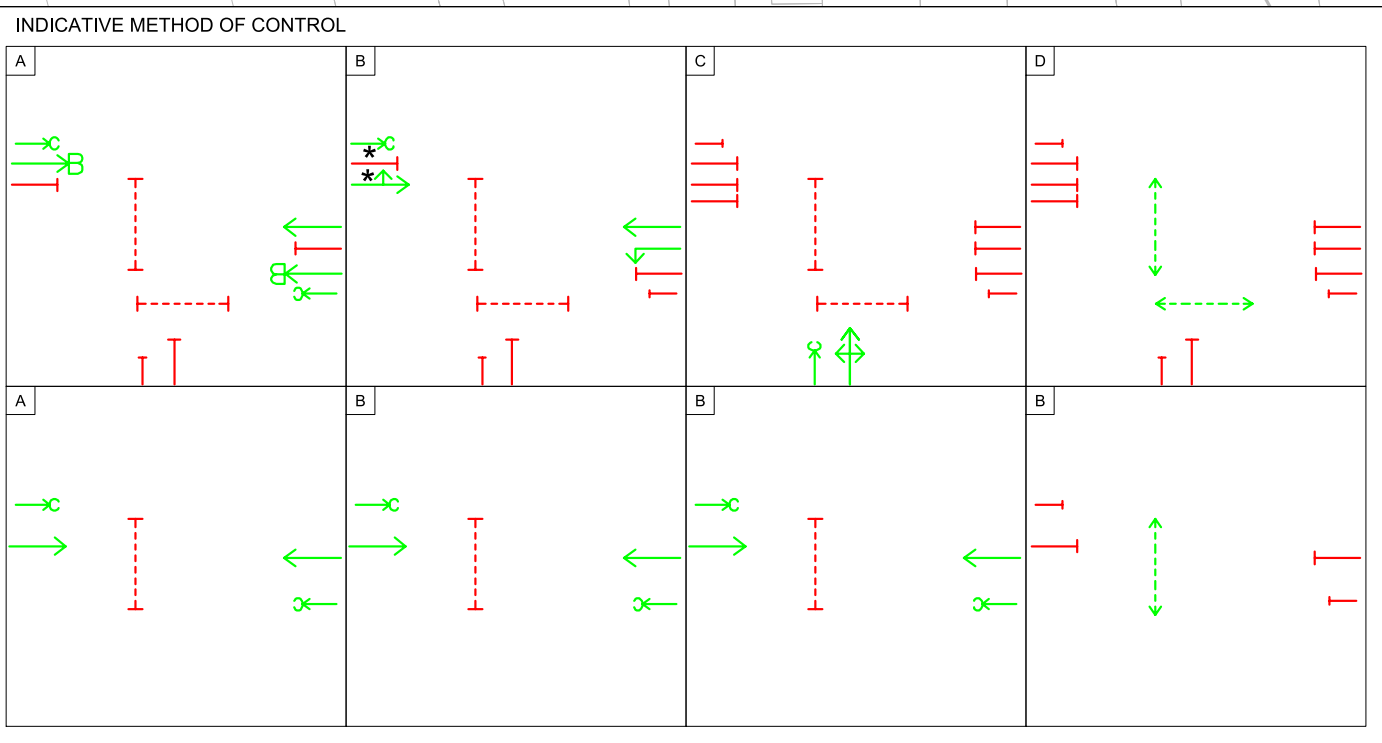
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- RTS 002: [Symbol]
- RTS 003: [Symbol]
- RTS 007: [Symbol]
- RPC 004: [Symbol]

**TRAFFIC SIGNAL EQUIPMENT:**

- POLE (STANDARD HEIGHT)
- TALL POLE (CCTV/TRAFFIC SIGNALS)
- ⊙ POLE NUMBER
- ⊕ PUSH BUTTON UNIT
- CCTV CAMERA

**GENERAL:**

- SITE BOUNDARY LINE
- - - TEMPORARY LAND ACQUISITION



\* DENOTES FLASHING AMBER

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Rev	Date	Drn	Chk'd	App'd	Description
M01	06/04/2023	FM	IL	HOS	ISSUE FOR PHASE 4: PLANNING

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

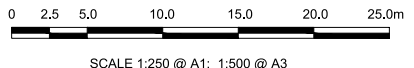
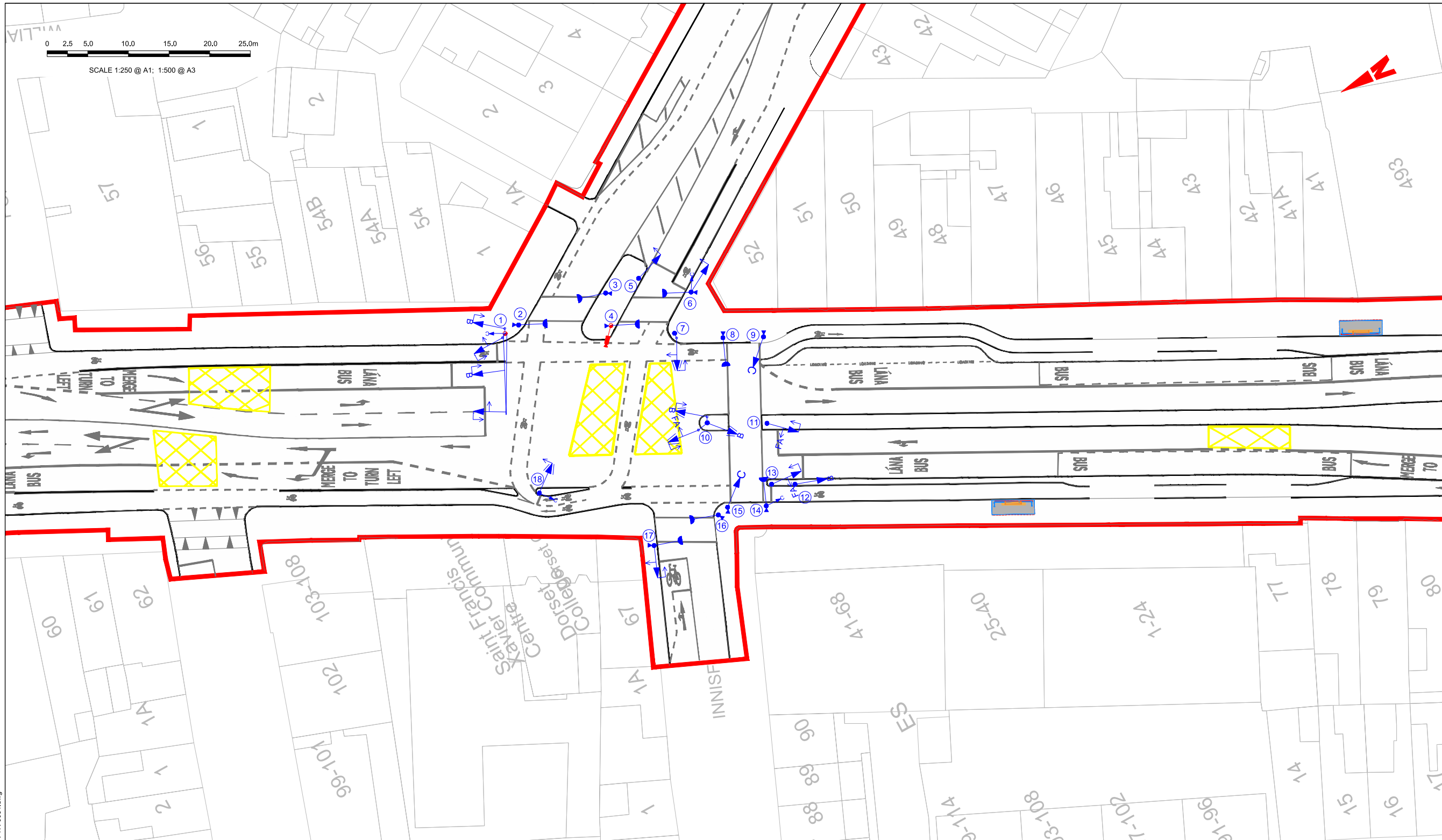
Engineering Designer: **Jacobs**

Date	Scale	Drawn	Checked	Approved
06/04/2023	1:250 @ A1 1:500 @ A3	FM	IL	HOS
Project Code	Originator Code	QMS Code		
BCIDB	JAC			

Programme Title: <b>BUSCONNECTS DUBLIN</b>			
CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title: SWORDS TO CITY CENTRE CORE BUS CORRIDOR SCHEME JUNCTION SYSTEM DESIGN DRUMCONDRA ROAD LOWER / WHITWORTH PLACE / WHITWORTH ROAD JUNCTION			
Drawing File Name	Sheet Number	Status	Rev
BCIDB-JAC-TSM_SJ-0002_XX_00-DR-TR-0036	36 of 44	A	M01

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**LEGEND:**

**TRAFFIC SIGNAL HEADS:**

RTS 001

RTS 002

RTS 003

RTS 007

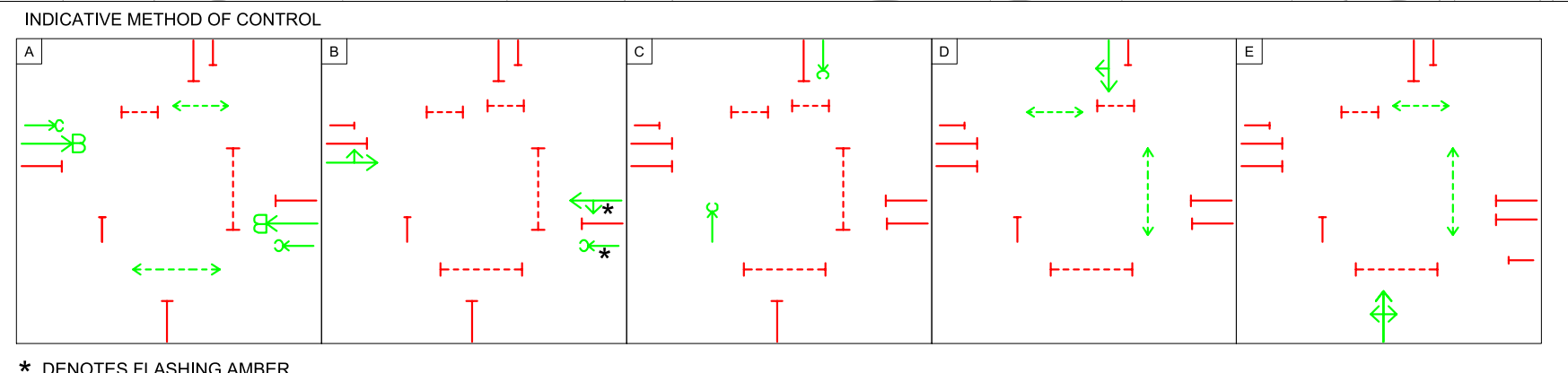
RPC 004

**TRAFFIC SIGNAL EQUIPMENT:**

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

**GENERAL:**

- SITE BOUNDARY LINE
- TEMPORARY LAND ACQUISITION



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Rev	Date	Drn	Chk'd	App'd	Description
M01	06/04/2023	FM	IL	HOS	ISSUE FOR PHASE 4: PLANNING

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

Engineering Designer **Jacobs**

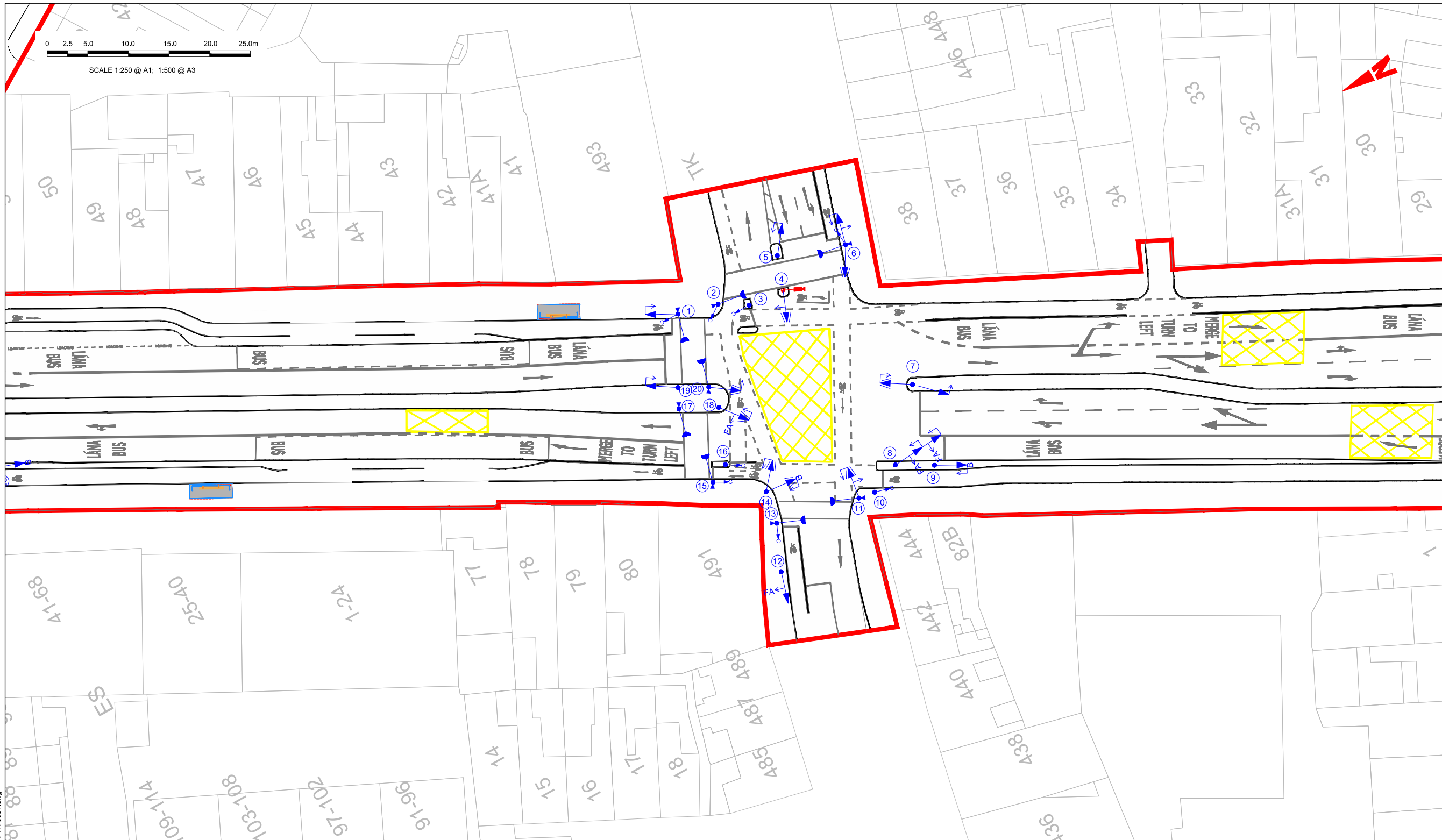
Date	Scale	Drawn	Checked	Approved
06/04/2023	1:250 @ A1 1:500 @ A3	FM	IL	HOS
Project Code	Originator Code	QMS Code		
BCIDB	JAC			

Programme Title <b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>			
Drawing Title SWORDS TO CITY CENTRE CORE BUS CORRIDOR SCHEME JUNCTION SYSTEM DESIGN DORSET STREET LOWER / BELVIDERE ROAD / INNISFALLIN PARADE JUNCTION			
Drawing File Name BCIDB-JAC-TSM_SJ-0002_XX_00-DR-TR-0037	Sheet Number 37 of 44	Status A	Rev M01

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**LEGEND:**

**TRAFFIC SIGNAL HEADS:**

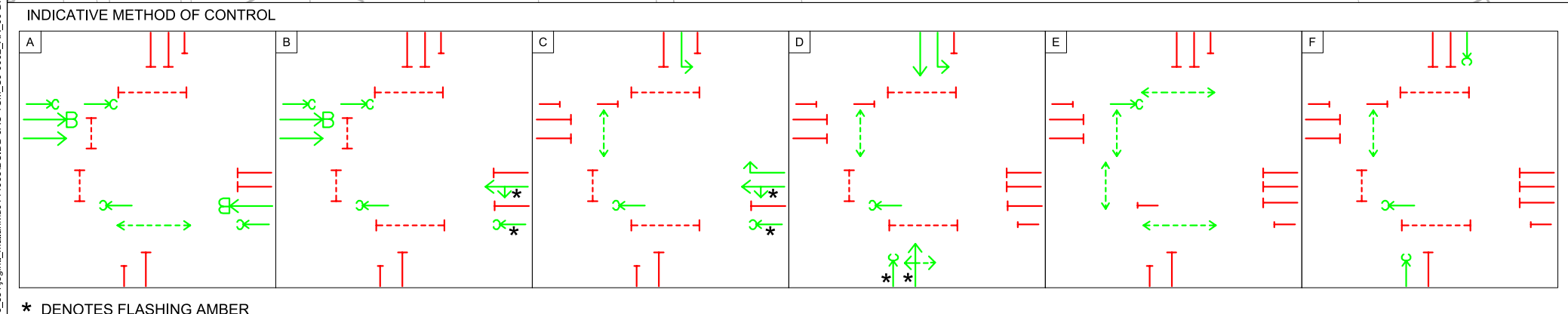
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- RTS 002: [Symbol]
- RTS 003: [Symbol]
- RTS 007: [Symbol]
- RPC 004: [Symbol]

**TRAFFIC SIGNAL EQUIPMENT:**

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

**GENERAL:**

- SITE BOUNDARY LINE
- TEMPORARY LAND ACQUISITION



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Rev	Date	Drn	Chk'd	App'd	Description
M01	06/04/2023	FM	IL	HOS	ISSUE FOR PHASE 4: PLANNING

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

Engineering Designer: **Jacobs**

Date: 06/04/2023 | Scale: 1:250 @ A1, 1:500 @ A3

Project Code: BCIDB | Originator Code: JAC

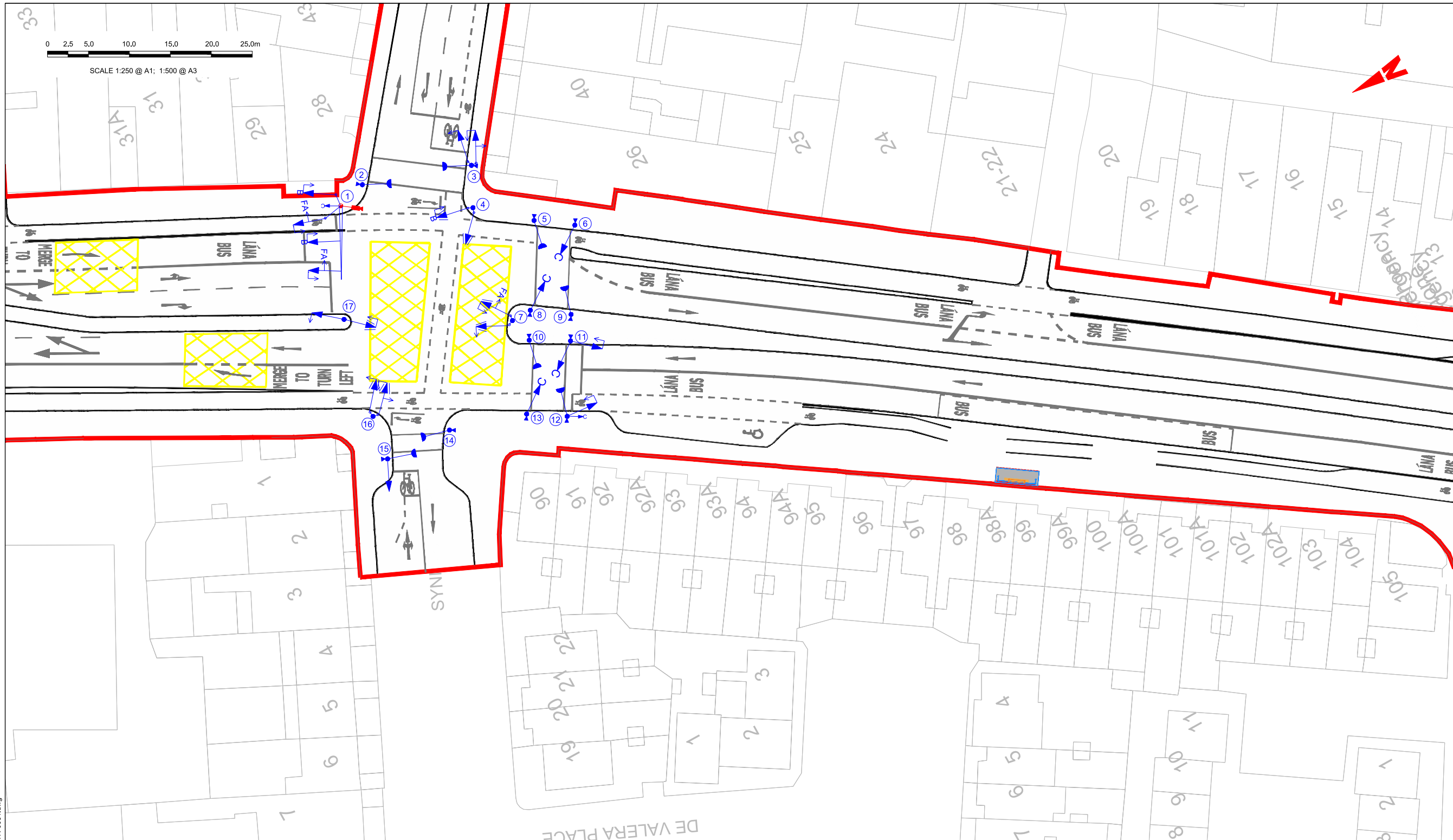
Drawn: FM | Checked: IL | Approved: HOS

QMS Code:

Programme Title: <b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>			
Drawing Title: <b>SWORDS TO CITY CENTRE CORE BUS CORRIDOR SCHEME JUNCTION SYSTEM DESIGN DORSET STREET LOWER / NORTH CIRCULAR ROAD JUNCTION</b>			
Drawing File Name: BCIDB-JAC-TSM_SJ-0002_XX_00-DR-TR-0038	Sheet Number: 38 of 44	Status: A	Rev: M01

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**LEGEND:**

**TRAFFIC SIGNAL HEADS:**

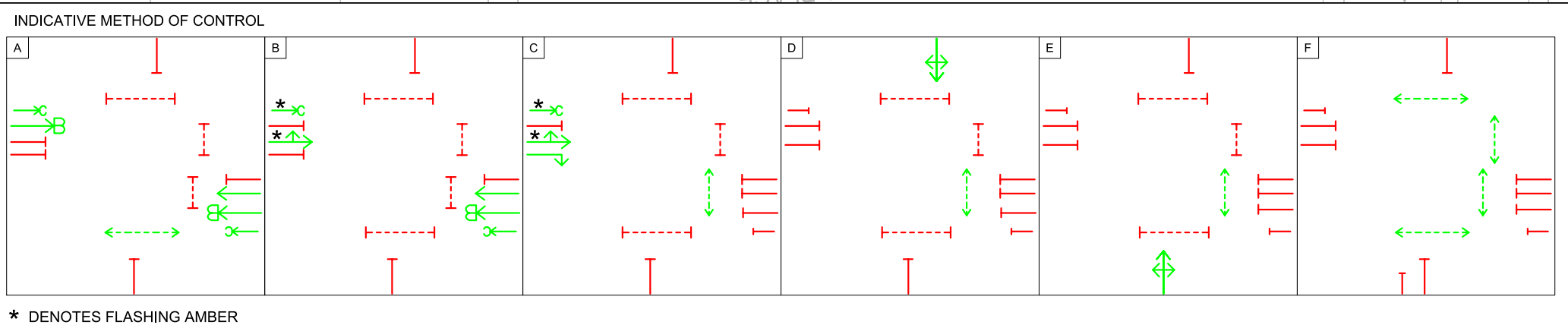
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- RTS 002: [Symbol]
- RTS 003: [Symbol]
- RTS 007: [Symbol]
- RPC 004: [Symbol]

**TRAFFIC SIGNAL EQUIPMENT:**

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

**GENERAL:**

- SITE BOUNDARY LINE
- TEMPORARY LAND ACQUISITION



\* DENOTES FLASHING AMBER

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M01	06/04/2023	FM	IL	HOS	ISSUE FOR PHASE 4: PLANNING

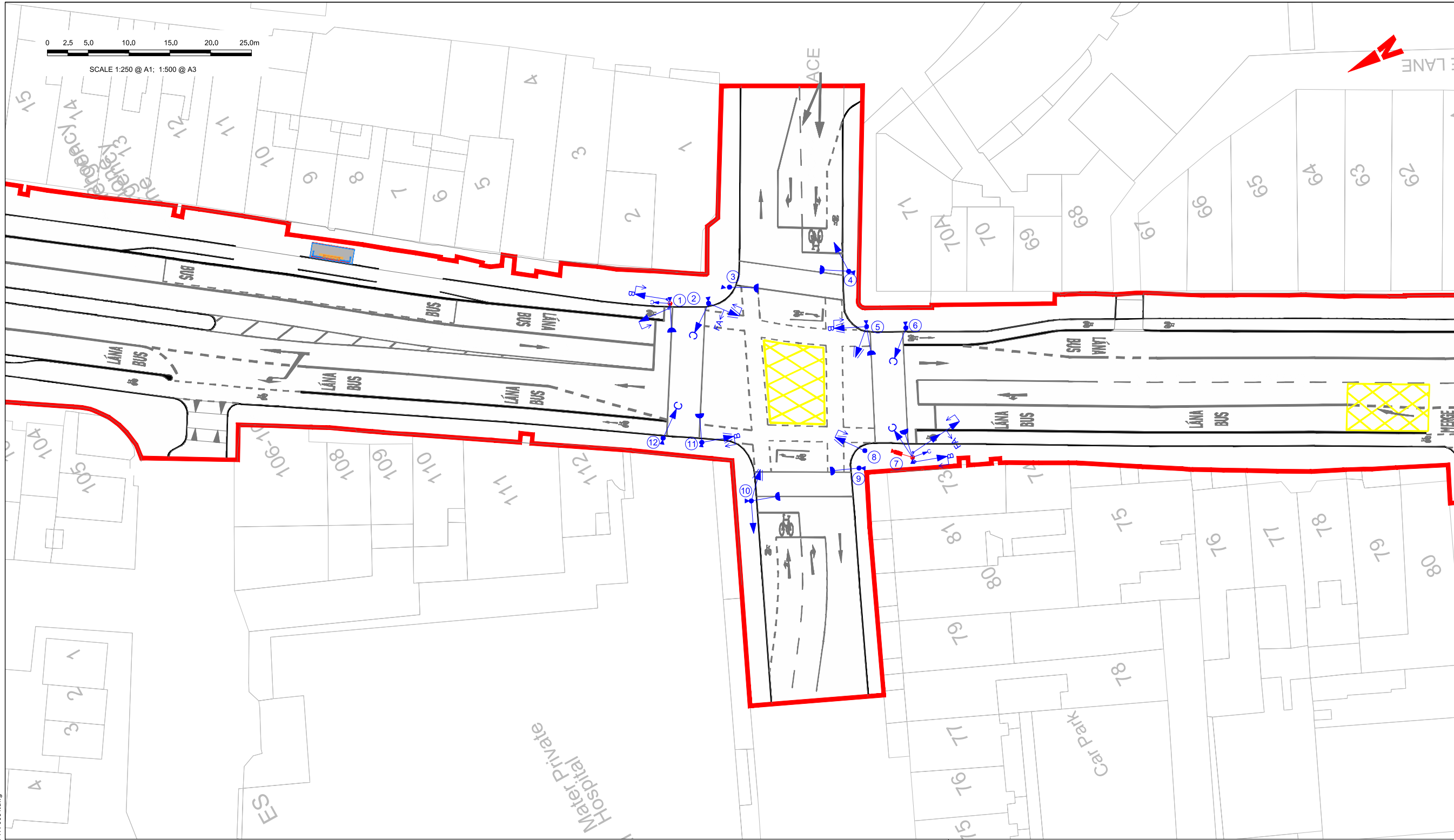
Client: **NTA**  
Údarás Náisiúnta Iompair  
National Transport Authority

Engineering Designer: **Jacobs**

Date	Scale	Drawn	Checked	Approved
06/04/2023	1:250 @ A1 1:500 @ A3	FM	IL	HOS
Project Code	Originator Code	QMS Code		
BCIDB	JAC			

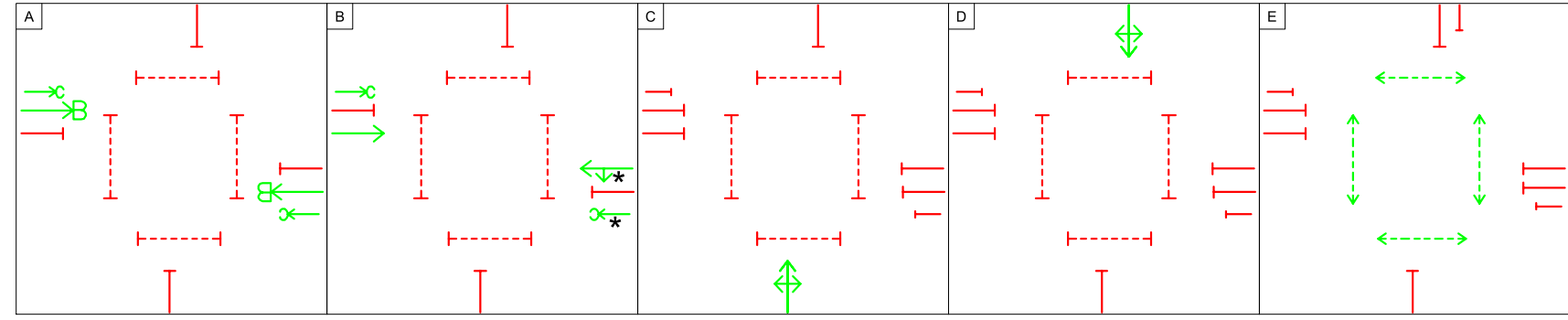
Programme Title <b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>			
Drawing Title SWORDS TO CITY CENTRE CORE BUS CORRIDOR SCHEME JUNCTION SYSTEM DESIGN DORSET STREET LOWER / SYNOTT PLACE JUNCTION			
Drawing File Name BCIDB-JAC-TSM_SJ-0002_XX_00-DR-TR-0039	Sheet Number 39 of 44	Status A	Rev M01

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- LEGEND:**
- TRAFFIC SIGNAL HEADS:**
- RTS 001
  - RTS 002
  - RTS 003
  - RTS 007
  - RPC 004
- TRAFFIC SIGNAL EQUIPMENT:**
- POLE (STANDARD HEIGHT)
  - TALL POLE (CCTV/TRAFFIC SIGNALS)
  - POLE NUMBER
  - PUSH BUTTON UNIT
  - CCTV CAMERA
- GENERAL:**
- SITE BOUNDARY LINE
  - TEMPORARY LAND ACQUISITION

**INDICATIVE METHOD OF CONTROL**



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Rev	Date	Drn	Chk'd	App'd	Description
M01	06/04/2023	FM	IL	HOS	ISSUE FOR PHASE 4: PLANNING

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

Engineering Designer: **Jacobs**

Date: 06/04/2023 | Scale: 1:250 @ A1, 1:500 @ A3 | Drawn: FM | Checked: IL | Approved: HOS

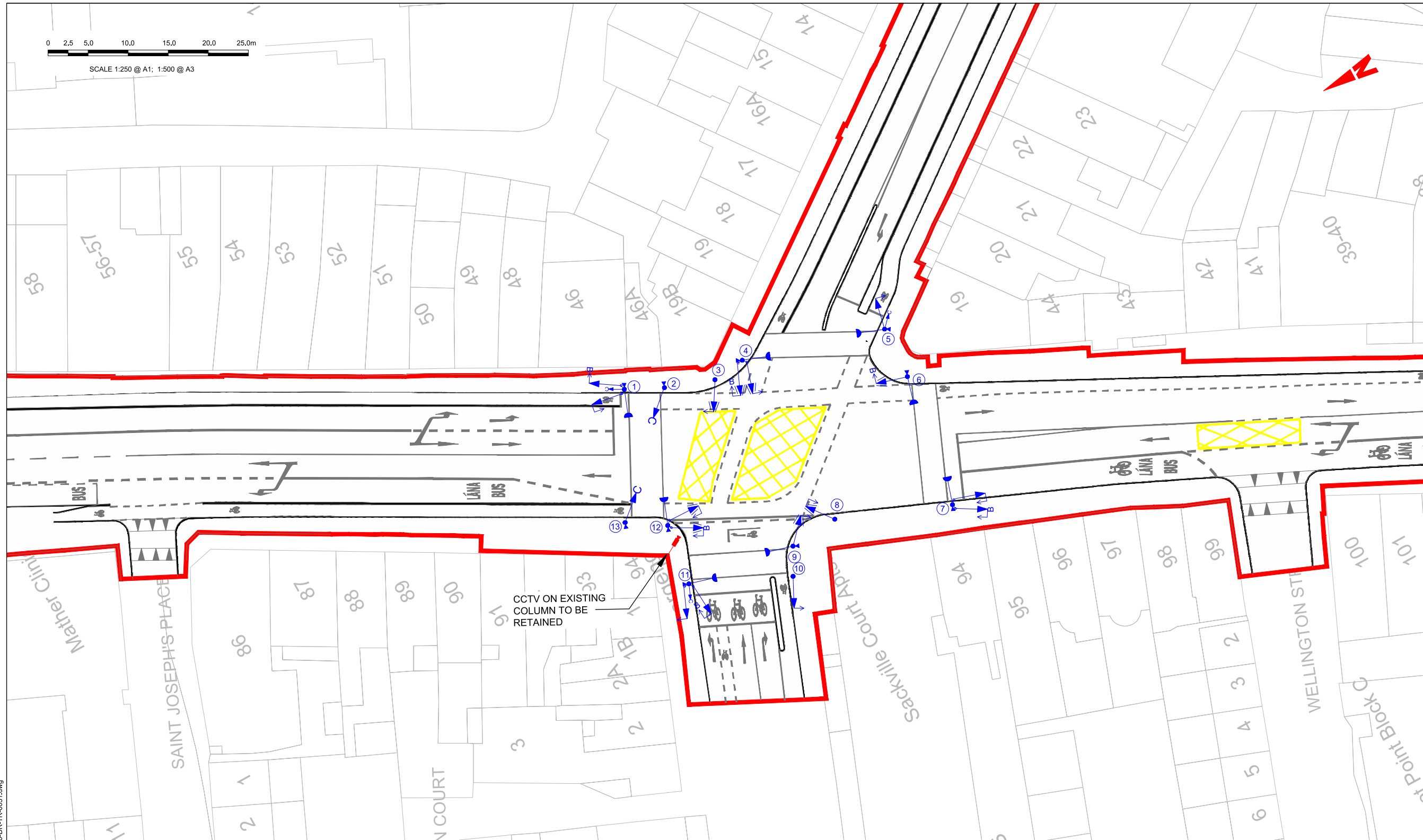
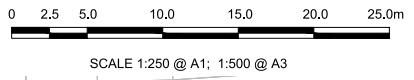
Project Code: BCIDB | Originator Code: JAC | QMS Code:

Programme Title: <b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>			
Drawing Title: <b>SWORDS TO CITY CENTRE CORE BUS CORRIDOR SCHEME JUNCTION SYSTEM DESIGN DORSET STREET UPPER / ECCLES STREET JUNCTION</b>			
Drawing File Name: BCIDB-JAC-TSM_SJ-0002_XX_00-DR-TR-0040	Sheet Number: 40 of 44	Status: A	Rev: M01

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**LEGEND:**

**TRAFFIC SIGNAL HEADS:**

- RTS 001: [Symbol]
- RTS 002: [Symbol]
- RTS 003: [Symbol]
- RTS 007: [Symbol]
- RPC 004: [Symbol]

**TRAFFIC SIGNAL EQUIPMENT:**

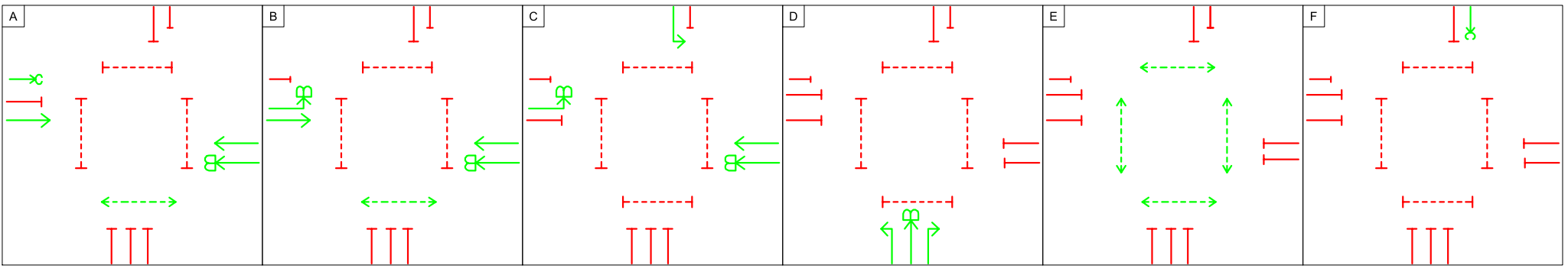
- POLE (STANDARD HEIGHT)
- TALL POLE (CCTV/TRAFFIC SIGNALS)
- POLE NUMBER
- PUSH BUTTON UNIT
- CCTV CAMERA

**GENERAL:**

- SITE BOUNDARY LINE
- TEMPORARY LAND ACQUISITION

CCTV ON EXISTING COLUMN TO BE RETAINED

**INDICATIVE METHOD OF CONTROL**



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M01	06/04/2023	FM	IL	HOS	ISSUE FOR PHASE 4: PLANNING

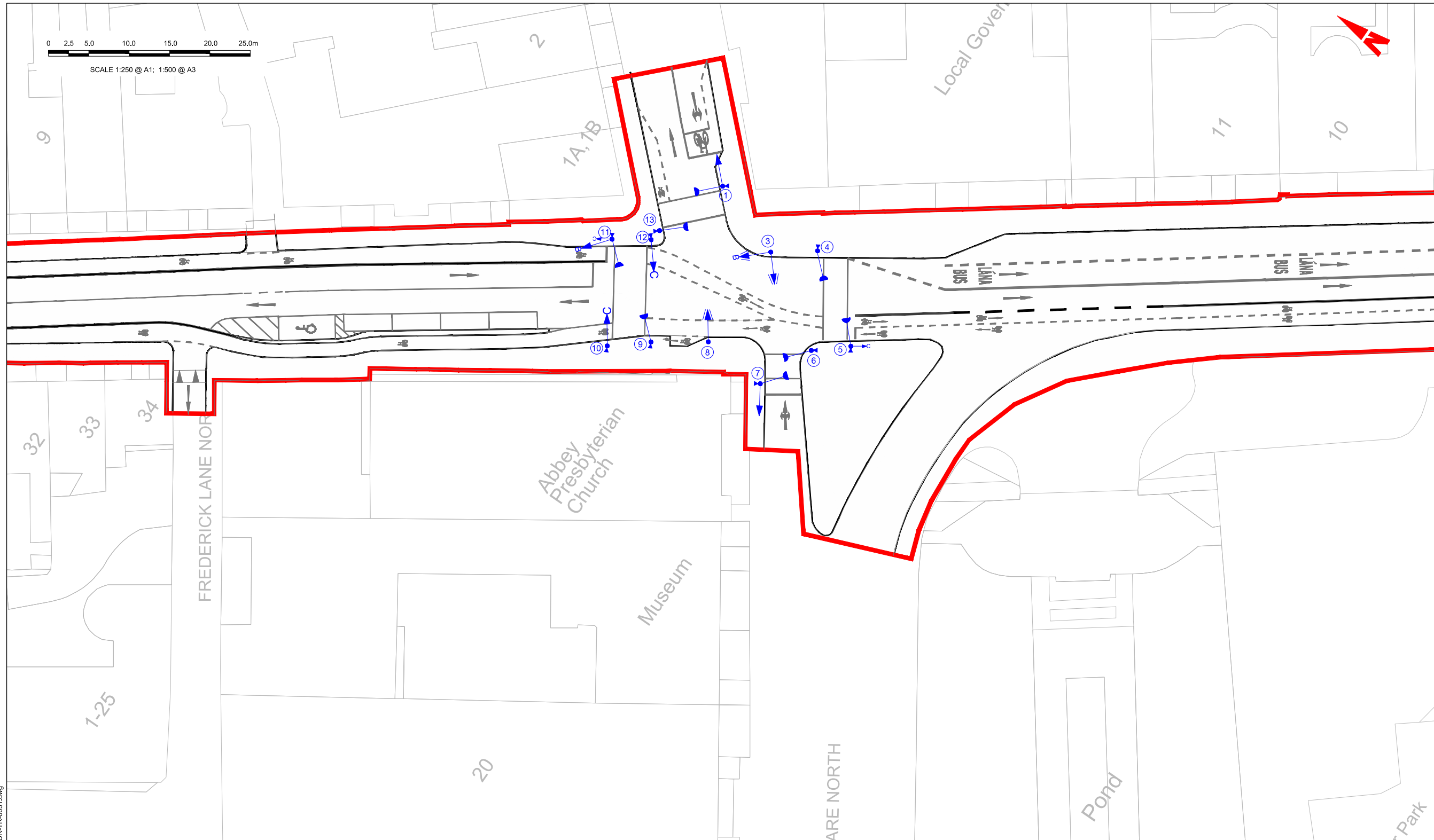
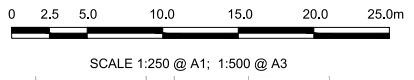
Client: **NTA**  
Údarás Náisiúnta Iompair  
National Transport Authority

Engineering Designer: **Jacobs**

Date	Scale	Drawn	Checked	Approved
06/04/2023	1:250 @ A1 1:500 @ A3	FM	IL	HOS
Project Code	Originator Code	QMS Code		
BCIDB	JAC			

Programme Title: <b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>			
Drawing Title: <b>SWORDS TO CITY CENTRE CORE BUS CORRIDOR SCHEME JUNCTION SYSTEM DESIGN DORSET STREET UPPER / BLESSINGTON STREET / NORTH FREDRICK STREET JUNCTION</b>			
Drawing File Name	Sheet Number	Status	Rev
BCIDB-JAC-TSM_SJ-0002_XX_00-DR-TR-0041	41 of 44	A	M01

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**LEGEND:**

**TRAFFIC SIGNAL HEADS:**

RTS 001: [Signal head symbols]

RTS 002: [Signal head symbols]

RTS 003: [Signal head symbols]

RTS 007: [Signal head symbols]

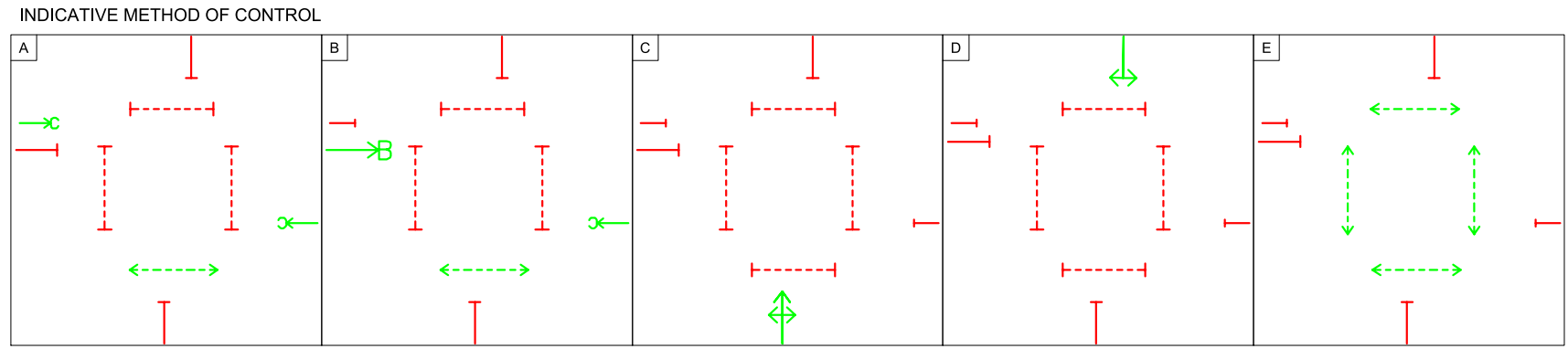
RPC 004: [Signal head symbols]

**TRAFFIC SIGNAL EQUIPMENT:**

- POLE (STANDARD HEIGHT)
- TALL POLE (CCTV/TRAFFIC SIGNALS)
- ⊙ POLE NUMBER
- ⊕ PUSH BUTTON UNIT
- CCTV CAMERA

**GENERAL:**

- SITE BOUNDARY LINE
- - - TEMPORARY LAND ACQUISITION



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Rev	Date	Drn	Chk'd	App'd	Description
M01	06/04/2023	FM	IL	HOS	ISSUE FOR PHASE 4: PLANNING

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

Engineering Designer: **Jacobs**

Date: 06/04/2023  
Scale: 1:250 @ A1, 1:500 @ A3

Project Code: BCIDB  
Originator Code: JAC

Drawn: FM  
Checked: IL  
Approved: HOS

QMS Code

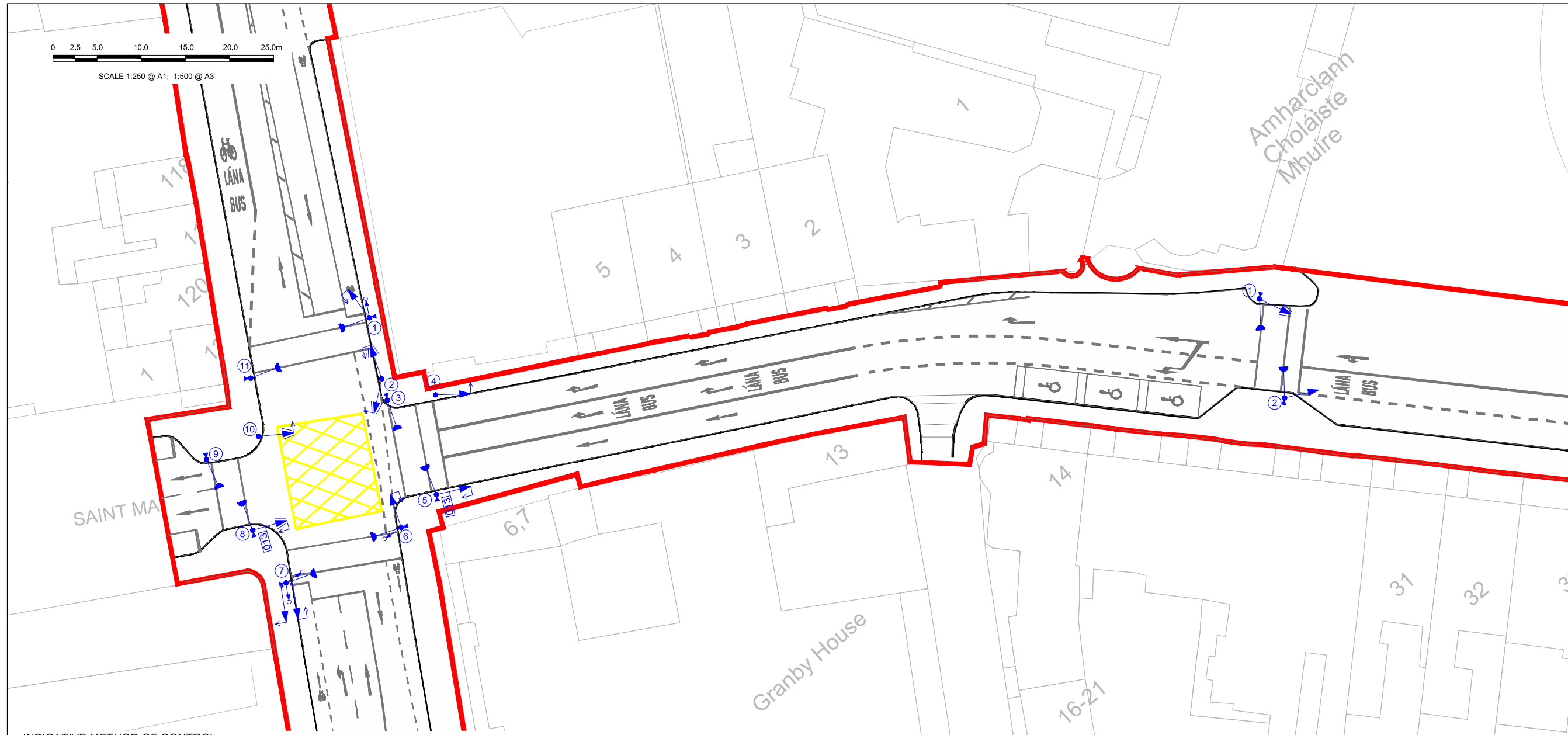
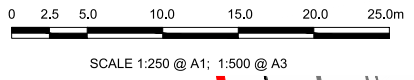
Programme Title: **BUSCONNECTS DUBLIN**  
**CORE BUS CORRIDORS INFRASTRUCTURE WORKS**

Drawing Title: **SWORDS TO CITY CENTRE CORE BUS CORRIDOR SCHEME**  
**JUNCTION SYSTEM DESIGN**  
**NORTH FREDRICK STREET / PARNELL SQUARE NORTH JUNCTION**

Drawing File Name: BCIDB-JAC-TSM\_SJ-0002\_XX\_00-DR-TR-0042  
Sheet Number: 42 of 44  
Status: A  
Rev: M01

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**LEGEND:**

**TRAFFIC SIGNAL HEADS:**

- RTS 001: [Symbol]
- RTS 002: [Symbol]
- RTS 003: [Symbol]
- RTS 007: [Symbol]
- RPC 004: [Symbol]

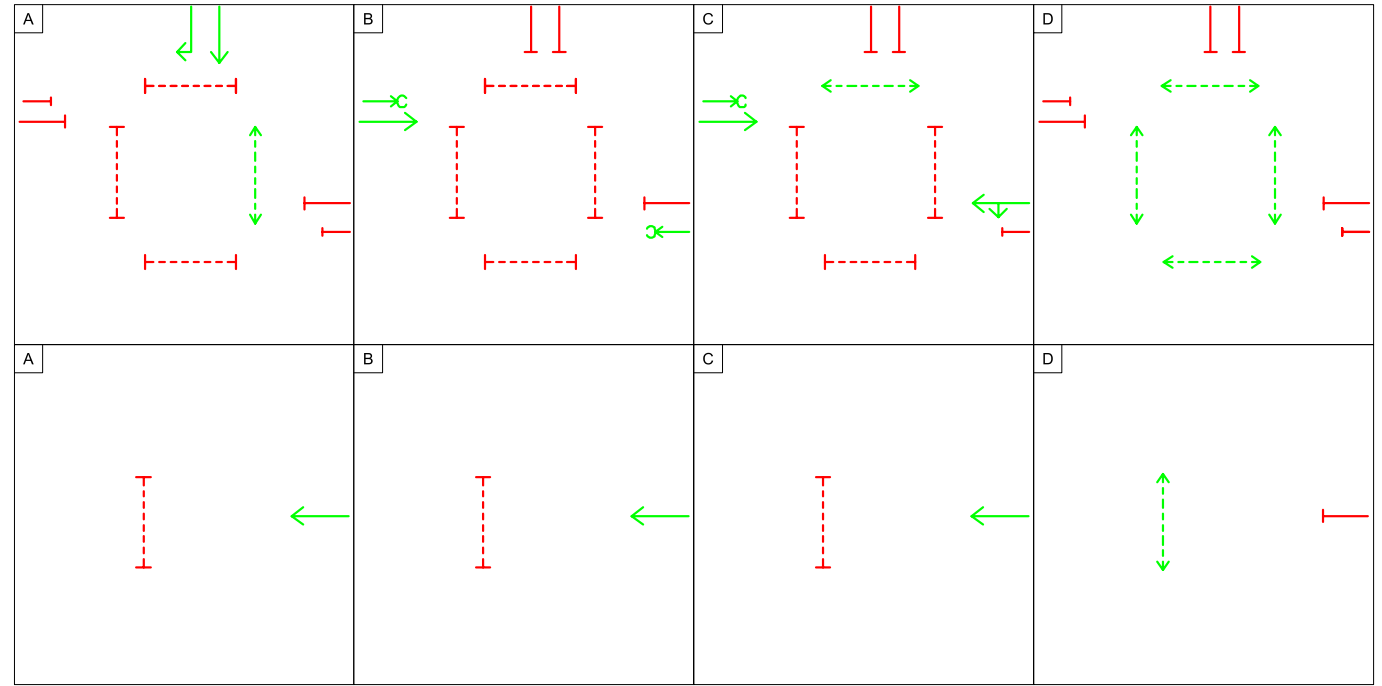
**TRAFFIC SIGNAL EQUIPMENT:**

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

**GENERAL:**

- SITE BOUNDARY LINE
- TEMPORARY LAND ACQUISITION

**INDICATIVE METHOD OF CONTROL**



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

Engineering Designer: **Jacobs**

Date: 06/04/2023 | Scale: 1:250 @ A1, 1:500 @ A3 | Drawn: FM | Checked: IL | Approved: HOS

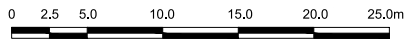
Project Code: BCIDB | Originator Code: JAC | QMS Code:

Programme Title: <b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>			
Drawing Title: <b>SWORDS TO CITY CENTRE CORE BUS CORRIDOR SCHEME JUNCTION SYSTEM DESIGN DORSET STREET UPPER / GRANBY ROW / ST. MARY'S PLACE JUNCTION</b>			
Drawing File Name: BCIDB-JAC-TSM_SJ-0002_XX_00-DR-TR-0043	Sheet Number: 43 of 44	Status: A	Rev: M01

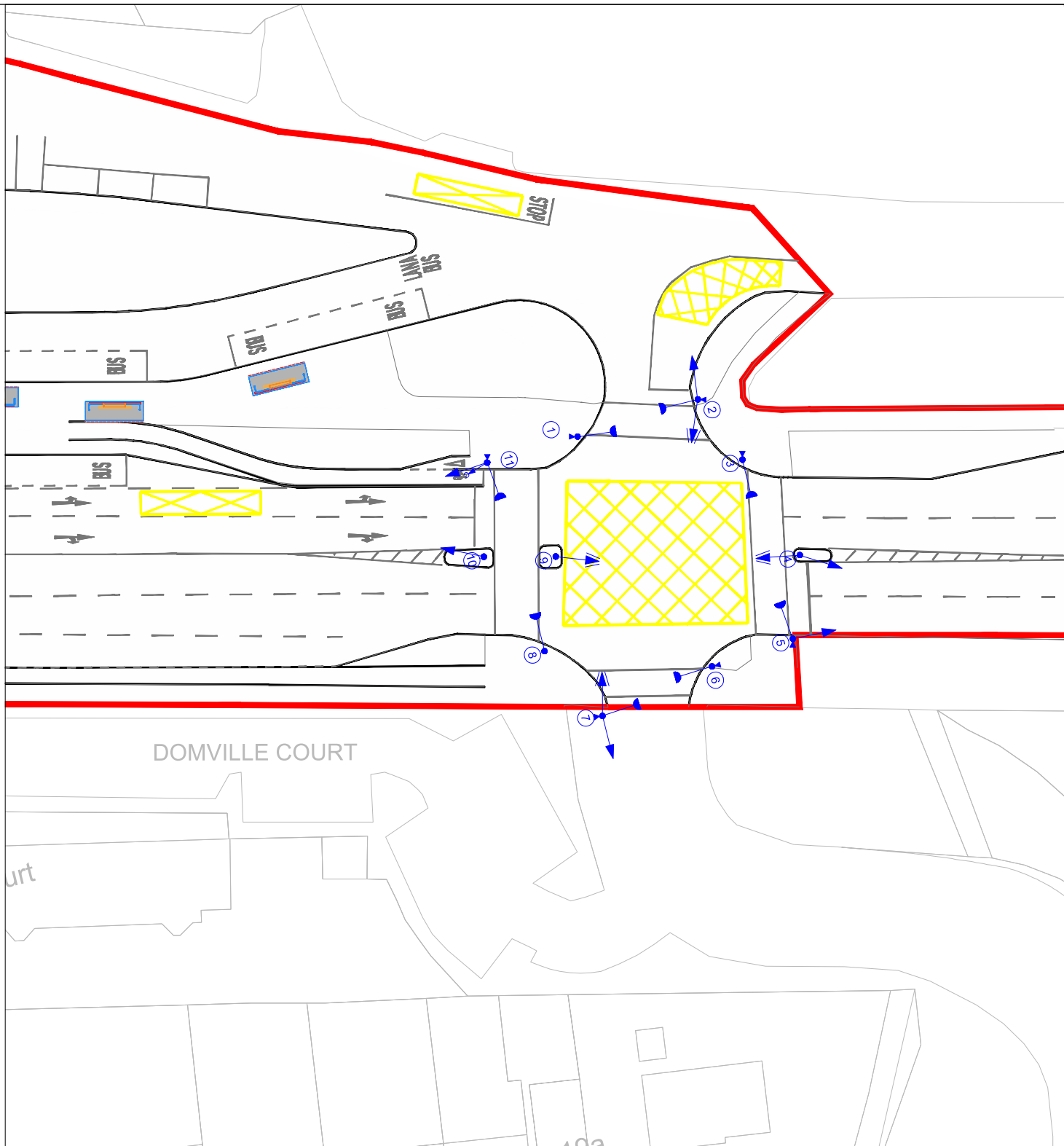
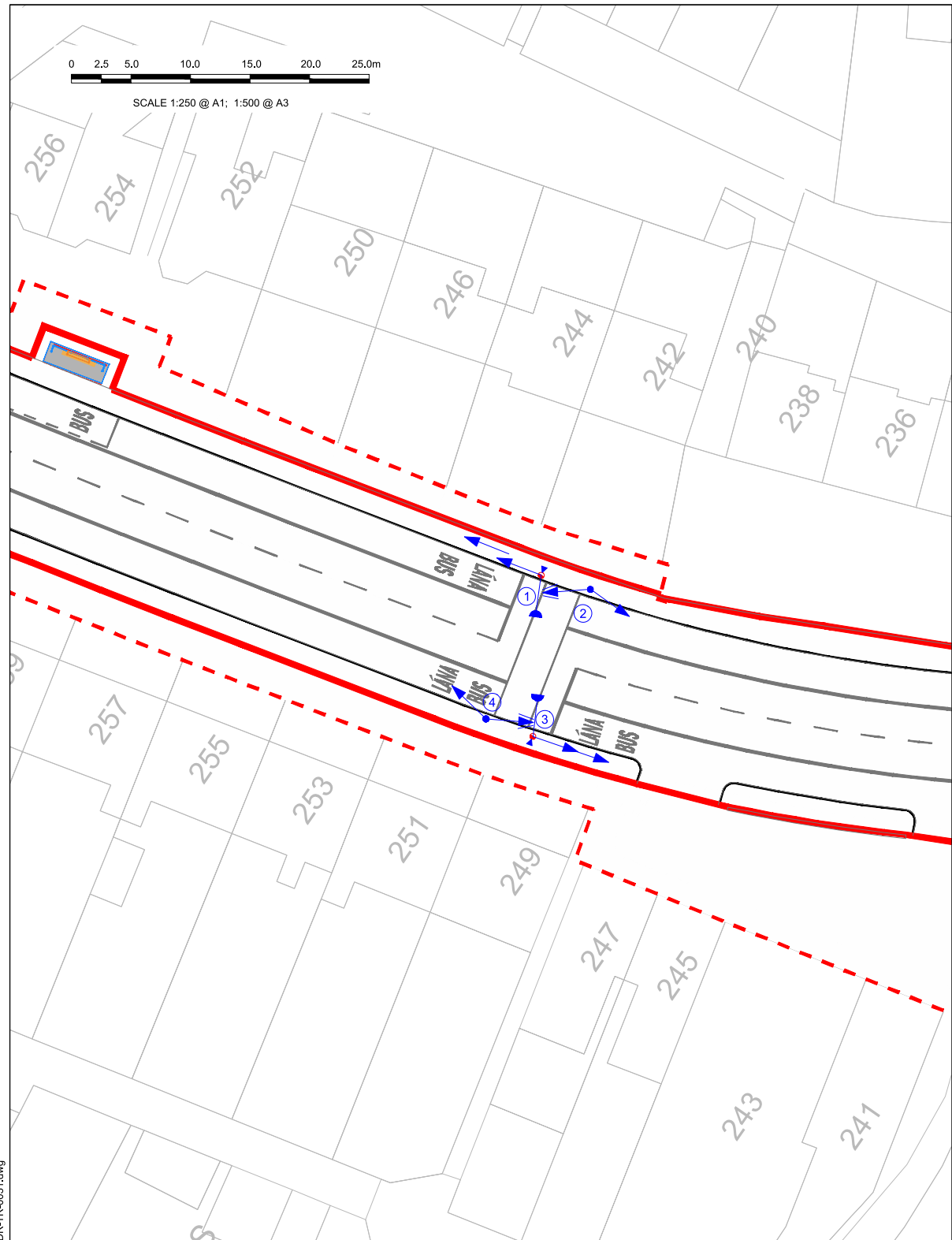
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SCALE 1:250 @ A1; 1:500 @ A3



**LEGEND:**

**TRAFFIC SIGNAL HEADS:**

- RTS 001: [Symbol]
- RTS 002: [Symbol]
- RTS 003: [Symbol]
- RTS 007: [Symbol]
- RPC 004: [Symbol]

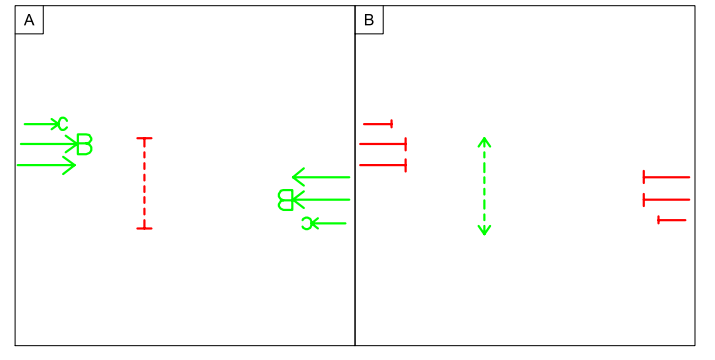
**TRAFFIC SIGNAL EQUIPMENT:**

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

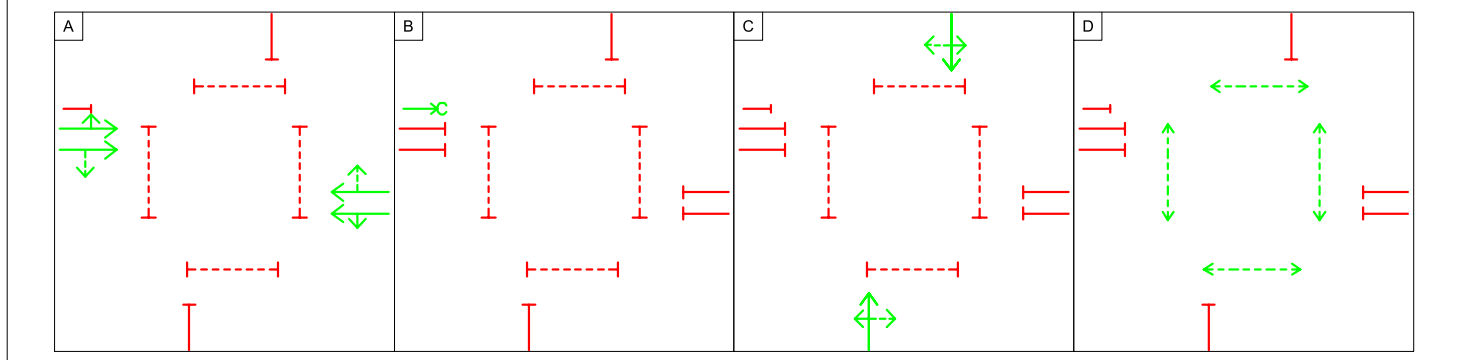
**GENERAL:**

- SITE BOUNDARY LINE
- TEMPORARY LAND ACQUISITION

**INDICATIVE METHOD OF CONTROL**



**INDICATIVE METHOD OF CONTROL**



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M01	06/04/2023	FM	IL	HOS	ISSUE FOR PHASE 4: PLANNING

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

Engineering Designer: **Jacobs**

Date: 06/04/2023 | Scale: 1:250 @ A1, 1:500 @ A3 | Drawn: FM | Checked: IL | Approved: HOS

Project Code: BCIDB | Originator Code: JAC | OMS Code:

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

Drawing Title: **SWORDS TO CITY CENTRE CORE BUS CORRIDOR SCHEME**  
**JUNCTION SYSTEM DESIGN**  
**SANTRY VILLAGE PEDESTRIAN CROSSING / COOLLOCK LANE-OAK AVE JUNCTION**

Drawing File Name: BCIDB-JAC-TSM\_SJ-0002\_XX\_00-DR-TR-0044 | Sheet Number: 44 of 44 | Status: A | Rev: M01

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