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)	DRAWING SERIES DESCRIPTION
BCIDB-JAC-TSM_IX-0002_XX_00-DR-TR-0001 to 0002	SWORDS TO CITY CENTRE CORE BUS CORRIDOR SCHEME. SYSTEM DESIGN. COVER SHEET
BCIDB-JAC-TSM_KP-0002_XX_00-DR-TR-0001	SWORDS TO CITY CENTRE CORE BUS CORRIDOR SCHEME. SYSTEM DESIGN. KEY PLAN
BCIDB-JAC-TSM_SJ-0002_XX_00-DR-TR-0001	SWORDS TO CITY CENTRE CORE BUS CORRIDOR SCHEME. SYSTEM DESIGN SWORDS ROAD / DUBLIN ROAD JUNCTION (PINNOCKHILL JUNCTION
BCIDB-JAC-TSM_SJ-0002_XX_00-DR-TR-0002	SWORDS TO CITY CENTRE CORE BUS CORRIDOR SCHEME. SYSTEM DESIGN SWORDS ROAD / AIRSIDE / BOROIMHE ROAD JUNCTION
BCIDB-JAC-TSM_SJ-0002_XX_00-DR-TR-0003	SWORDS TO CITY CENTRE CORE BUS CORRIDOR SCHEME. SYSTEM DESIGN SWORDS ROAD / N1 BUSINEFM PARK PEDESTRIAN CROFMING
BCIDB-JAC-TSM_SJ-0002_XX_00-DR-TR-0004	SWORDS TO CITY CENTRE CORE BUS CORRIDOR SCHEME. SYSTEM DESIGN SWORDS ROAD / KETTLES LANE PEDESTRIAN CROFMING
BCIDB-JAC-TSM_SJ-0002_XX_00-DR-TR-0005	SWORDS TO CITY CENTRE CORE BUS CORRIDOR SCHEME. SYSTEM DESIGN SWORDS ROAD / NAUL ROAD JUNCTION
BCIDB-JAC-TSM_SJ-0002_XX_00-DR-TR-0006	SWORDS TO CITY CENTRE CORE BUS CORRIDOR SCHEME. SYSTEM DESIGN SWORDS ROAD / COACHMANS INN ACCEFM PEDESTRIAN CROFMING
BCIDB-JAC-TSM_SJ-0002_XX_00-DR-TR-0007	SWORDS TO CITY CENTRE CORE BUS CORRIDOR SCHEME. SYSTEM DESIGN SWORDS ROAD / AIRPORT ACCEFM / M1 LINK JUNCTION
BCIDB-JAC-TSM_SJ-0002_XX_00-DR-TR-0008	SWORDS TO CITY CENTRE CORE BUS CORRIDOR SCHEME. SYSTEM DESIGN SWORDS ROAD / GREEN LONG-TERM CAR PARK / KEALY'S JUNCTION
BCIDB-JAC-TSM_SJ-0002_XX_00-DR-TR-0009	SWORDS TO CITY CENTRE CORE BUS CORRIDOR SCHEME. SYSTEM DESIGN SWORDS ROAD / SOUTH CORBALLIS ROAD / RED LONG-TERM CAR PARK JUNCTION
BCIDB-JAC-TSM_SJ-0002_XX_00-DR-TR-0010	SWORDS TO CITY CENTRE CORE BUS CORRIDOR SCHEME. SYSTEM DESIGN SWORDS ROAD / OLD AIRPORT ROAD/ COLLINSTOWN AVENUE JUNCTION
BCIDB-JAC-TSM_SJ-0002_XX_00-DR-TR-0011	SWORDS TO CITY CENTRE CORE BUS CORRIDOR SCHEME. SYSTEM DESIGN SWORDS ROAD / QUICK PARK CAR PARK JUNCTION
BCIDB-JAC-TSM_SJ-0002_XX_00-DR-TR-0012	SWORDS TO CITY CENTRE CORE BUS CORRIDOR SCHEME. SYSTEM DESIGN SWORDS ROAD / ROYAL COLLEGE OF SURGEONS GROUND PEDESTRIAN CROFMING
BCIDB-JAC-TSM_SJ-0002_XX_00-DR-TR-0013	SWORDS TO CITY CENTRE CORE BUS CORRIDOR SCHEME. SYSTEM DESIGN SWORDS ROAD / TURNAPIN LANE JUNCTION
BCIDB-JAC-TSM_SJ-0002_XX_00-DR-TR-0014	SWORDS TO CITY CENTRE CORE BUS CORRIDOR SCHEME. SYSTEM DESIGN SWORDS ROAD / NORTHWOOD AVENUE JUNCTION
BCIDB-JAC-TSM_SJ-0002_XX_00-DR-TR-0015	SWORDS TO CITY CENTRE CORE BUS CORRIDOR SCHEME. SYSTEM DESIGN SWORDS ROAD / MORTON STADIUM PEDESTRIAN CROFMING
BCIDB-JAC-TSM_SJ-0002_XX_00-DR-TR-0016	SWORDS TO CITY CENTRE CORE BUS CORRIDOR SCHEME. SYSTEM DESIGN SWORDS ROAD / COOLOCK LANE JUNCTION
BCIDB-JAC-TSM_SJ-0002_XX_00-DR-TR-0017	SWORDS TO CITY CENTRE CORE BUS CORRIDOR SCHEME. SYSTEM DESIGN SWORDS ROAD / SANTRY AVENUE JUNCTION
BCIDB-JAC-TSM_SJ-0002_XX_00-DR-TR-0018	SWORDS TO CITY CENTRE CORE BUS CORRIDOR SCHEME. SYSTEM DESIGN SWORDS ROAD / MAGENTA CRESENT PEDESTRIAN CROFMING
BCIDB-JAC-TSM_SJ-0002_XX_00-DR-TR-0019	SWORDS TO CITY CENTRE CORE BUS CORRIDOR SCHEME. SYSTEM DESIGN SWORDS ROAD / OMNI PARK / LORCAN ROAD JUNCTION
BCIDB-JAC-TSM_SJ-0002_XX_00-DR-TR-0020	SWORDS TO CITY CENTRE CORE BUS CORRIDOR SCHEME. SYSTEM DESIGN SWORDS ROAD / SHANOWEN ROAD JUNCTION
BCIDB-JAC-TSM_SJ-0002_XX_00-DR-TR-0021	SWORDS TO CITY CENTRE CORE BUS CORRIDOR SCHEME. SYSTEM DESIGN SWORDS ROAD / SHANRATH JUNCTION
BCIDB-JAC-TSM_SJ-0002_XX_00-DR-TR-0022	SWORDS TO CITY CENTRE CORE BUS CORRIDOR SCHEME. SYSTEM DESIGN SWORDS ROAD / SHANTALLA ROAD JUNCTION
BCIDB-JAC-TSM_SJ-0002_XX_00-DR-TR-0023	SWORDS TO CITY CENTRE CORE BUS CORRIDOR SCHEME. SYSTEM DESIGN SWORDS ROAD / HOLY CHILD CHURCH PEDESTRIAN CROFMING
BCIDB-JAC-TSM_SJ-0002_XX_00-DR-TR-0024	SWORDS TO CITY CENTRE CORE BUS CORRIDOR SCHEME. SYSTEM DESIGN SWORDS ROAD / COLLINS AVENUE JUNCTION
BCIDB-JAC-TSM_SJ-0002_XX_00-DR-TR-0025	SWORDS TO CITY CENTRE CORE BUS CORRIDOR SCHEME. SYSTEM DESIGN SWORDS ROAD / IVERAGH ROAD JUNCTION

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Project Ireland 2040
Building Ireland's Future

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

Programme Title: BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS

Drawing Title: SWORDS TO CITY CENTRE CORE BUS CORRIDOR SCHEME JUNCTION SYSTEMS DESIGN COVER SHEET

Date	Scale	Drawn	Checked	Approved
06/04/2023	NTS @ A1 NTS @ A3	FM	IL	HOS

Project Code	Originator Code	QMS Code	Drawing File Name	Sheet Number	Status	Rev
BCIDB	JAC		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)	DRAWING SERIES DESCRIPTION
BCIDB-JAC-TSM_SJ-0002_XX_00-DR-TR-0026	SWORDS TO CITY CENTRE CORE BUS CORRIDOR SCHEME. SYSTEM DESIGN SWORDS ROAD / HIGHFIELD HOSPITAL PEDESTRIAN CROFMING
BCIDB-JAC-TSM_SJ-0002_XX_00-DR-TR-0027	SWORDS TO CITY CENTRE CORE BUS CORRIDOR SCHEME. SYSTEM DESIGN SWORDS ROAD / SEVEN OAKS JUNCTION
BCIDB-JAC-TSM_SJ-0002_XX_00-DR-TR-0028	SWORDS TO CITY CENTRE CORE BUS CORRIDOR SCHEME. SYSTEM DESIGN SWORDS ROAD / GRIFFITH DOWNS PEDESTRIAN CROFMING
BCIDB-JAC-TSM_SJ-0002_XX_00-DR-TR-0029	SWORDS TO CITY CENTRE CORE BUS CORRIDOR SCHEME. SYSTEM DESIGN SWORDS ROAD / GRIFFITH AVENUE JUNCTION
BCIDB-JAC-TSM_SJ-0002_XX_00-DR-TR-0030	SWORDS TO CITY CENTRE CORE BUS CORRIDOR SCHEME. SYSTEM DESIGN UPPER DRUMCONDRA ROAD / HOME FARM ROAD JUNCTION
BCIDB-JAC-TSM_SJ-0002_XX_00-DR-TR-0031	SWORDS TO CITY CENTRE CORE BUS CORRIDOR SCHEME. SYSTEM DESIGN UPPER DRUMCONDRA ROAD / EBYLON HOTEL PEDESTRIAN CROFMING
BCIDB-JAC-TSM_SJ-0002_XX_00-DR-TR-0032	SWORDS TO CITY CENTRE CORE BUS CORRIDOR SCHEME. SYSTEM DESIGN UPPER DRUMCONDRA ROAD / ORMOND ROAD PEDESTRIAN CROFMING
BCIDB-JAC-TSM_SJ-0002_XX_00-DR-TR-0033	SWORDS TO CITY CENTRE CORE BUS CORRIDOR SCHEME. SYSTEM DESIGN UPPER DRUMCONDRA ROAD / RICHMOND ROAD / MILLMOUNT AVENUE JUNCTION
BCIDB-JAC-TSM_SJ-0002_XX_00-DR-TR-0034	SWORDS TO CITY CENTRE CORE BUS CORRIDOR SCHEME. SYSTEM DESIGN UPPER DRUMCONDRA ROAD / BOTANIC AVENUE / CIAN PARK JUNCTION
BCIDB-JAC-TSM_SJ-0002_XX_00-DR-TR-0035	SWORDS TO CITY CENTRE CORE BUS CORRIDOR SCHEME. SYSTEM DESIGN DRUMCONDRA ROAD LOWER / CLONLIFFE ROAD JUNCTION
BCIDB-JAC-TSM_SJ-0002_XX_00-DR-TR-0036	SWORDS TO CITY CENTRE CORE BUS CORRIDOR SCHEME. SYSTEM DESIGN DRUMCONDRA ROAD LOWER / WHITWORTH PLACE / WHITWORTH ROAD JUNCTION
BCIDB-JAC-TSM_SJ-0002_XX_00-DR-TR-0037	SWORDS TO CITY CENTRE CORE BUS CORRIDOR SCHEME. SYSTEM DESIGN DORSET STREET LOWER / BELVIDERE ROAD / INNISFALLIN PARADE JUNCTION
BCIDB-JAC-TSM_SJ-0002_XX_00-DR-TR-0038	SWORDS TO CITY CENTRE CORE BUS CORRIDOR SCHEME. SYSTEM DESIGN DORSET STREET LOWER / NORTH CIRCULAR ROAD JUNCTION
BCIDB-JAC-TSM_SJ-0002_XX_00-DR-TR-0039	SWORDS TO CITY CENTRE CORE BUS CORRIDOR SCHEME. SYSTEM DESIGN DORSET STREET LOWER / SYNOTT PLACE JUNCTION
BCIDB-JAC-TSM_SJ-0002_XX_00-DR-TR-0040	SWORDS TO CITY CENTRE CORE BUS CORRIDOR SCHEME. SYSTEM DESIGN DORSET STREET UPPER / ECCLES STREET JUNCTION
BCIDB-JAC-TSM_SJ-0002_XX_00-DR-TR-0041	SWORDS TO CITY CENTRE CORE BUS CORRIDOR SCHEME. SYSTEM DESIGN DORSET STREET UPPER / BLEFMINGTON STREET / NORTH FREDRICK STREET JUNCTION
BCIDB-JAC-TSM_SJ-0002_XX_00-DR-TR-0042	SWORDS TO CITY CENTRE CORE BUS CORRIDOR SCHEME. SYSTEM DESIGN NORTH FREDRICK STREET / PARNELL SQUARE NORTH JUNCTION
BCIDB-JAC-TSM_SJ-0002_XX_00-DR-TR-0043	SWORDS TO CITY CENTRE CORE BUS CORRIDOR SCHEME. SYSTEM DESIGN DORSET STREET UPPER / GRANBY ROW / ST. MARY'S PLACE JUNCTION
BCIDB-JAC-TSM_SJ-0002_XX_00-DR-TR-0044	SWORDS TO CITY CENTRE CORE BUS CORRIDOR SCHEME. SYSTEM DESIGN SANTRY VILLAGE PEDESTRIAN CROFMING / COOLOCK LANE-OAK AVE JUNCTION

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Engineering Designer: Jacobs

Date	Scale	Drawn	Checked	Approved
06/04/2023	NTS @ A1 NTS @ 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 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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Engineering Designer: Jacobs

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

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

Date	Scale	Drawn	Checked	Approved
06/04/2023	1:15000 @ A1 1:30000 @ A3	FM	IL	HOS

Project Code	Originator Code	QMS Code	Drawing File Name	Sheet Number	Status	Rev
BCIDB	JAC		BCIDB-JAC-TSM_KP-0002_XX_00-DR-TR-0001	01 of 01	A	M01

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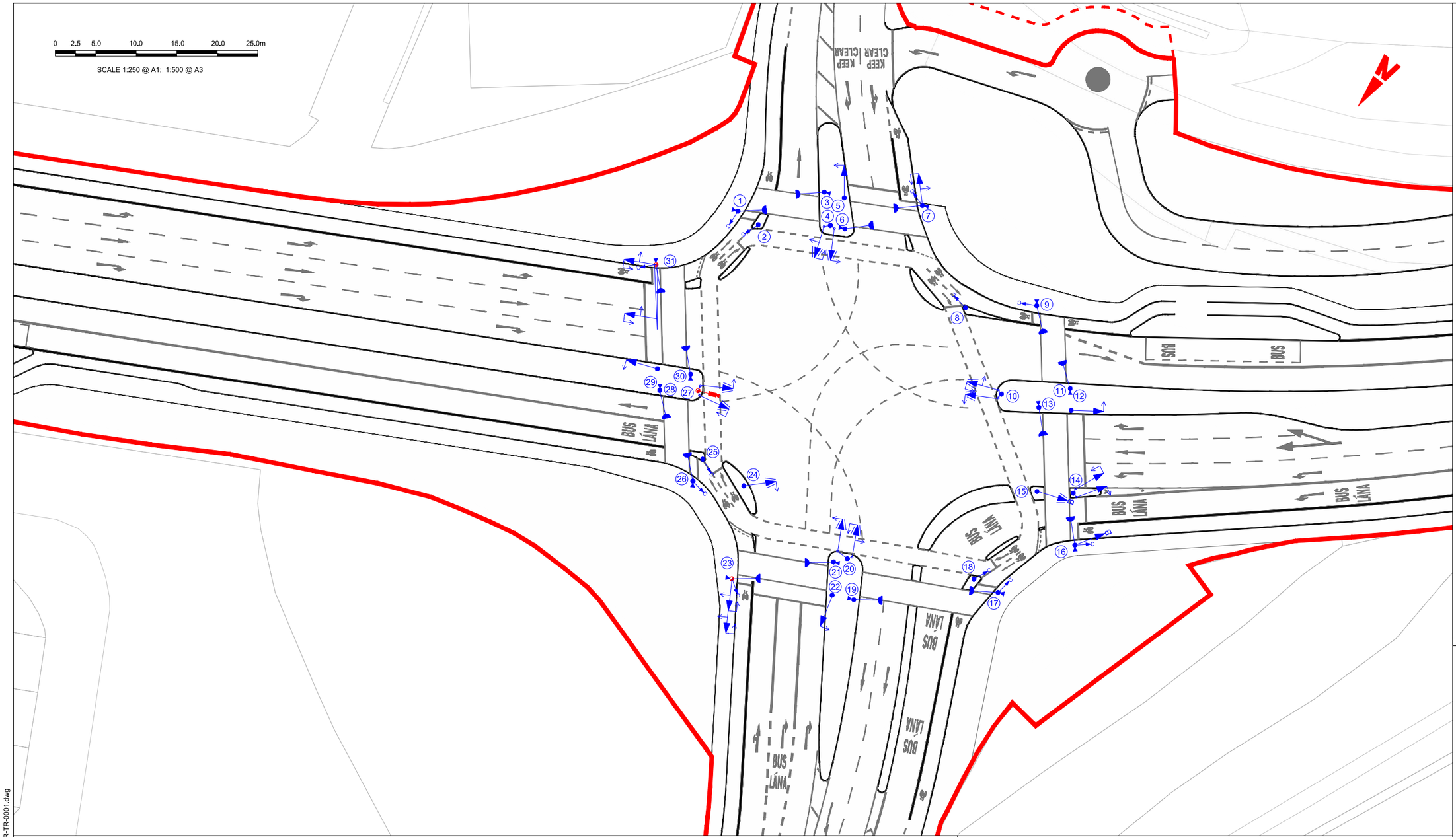


LEGEND:

TRAFFIC SIGNAL HEADS:

RTS 001

RTS 002

RTS 003

RTS 007

RPC 004

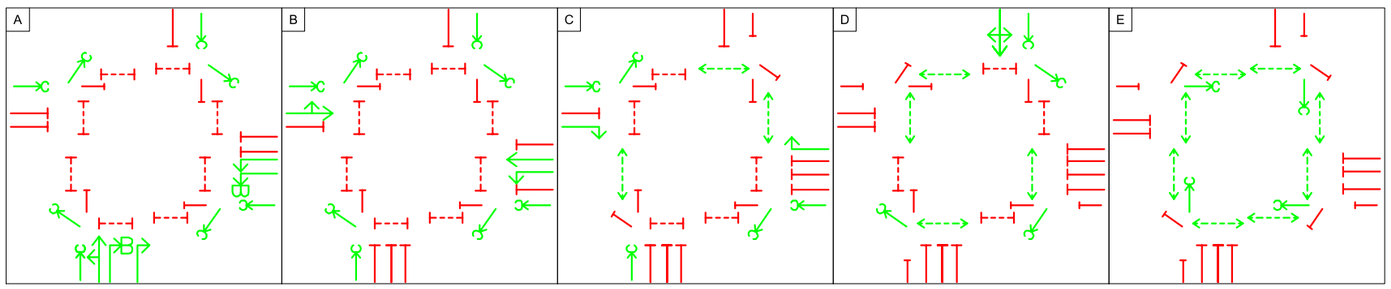
TRAFFIC SIGNAL EQUIPMENT:

- 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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Client: NTA Údarás Náisiúnta Iompair National Transport Authority

Engineering Designer: Jacobs

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

Drawing Title: SWORDS TO CITY CENTRE CORE BUS CORRIDOR SCHEME JUNCTION SYSTEM DESIGN SWORDS ROAD / DUBLIN ROAD JUNCTION (PINNOCKHILL JUNCTION)

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

Project Code	Originator Code	QMS Code	Drawing File Name	Sheet Number	Status	Rev
BCIDB	JAC		BCIDB-JAC-TSM_SJ -0002_XX_00 -DR-TR-0001	01 of 44	A	M01

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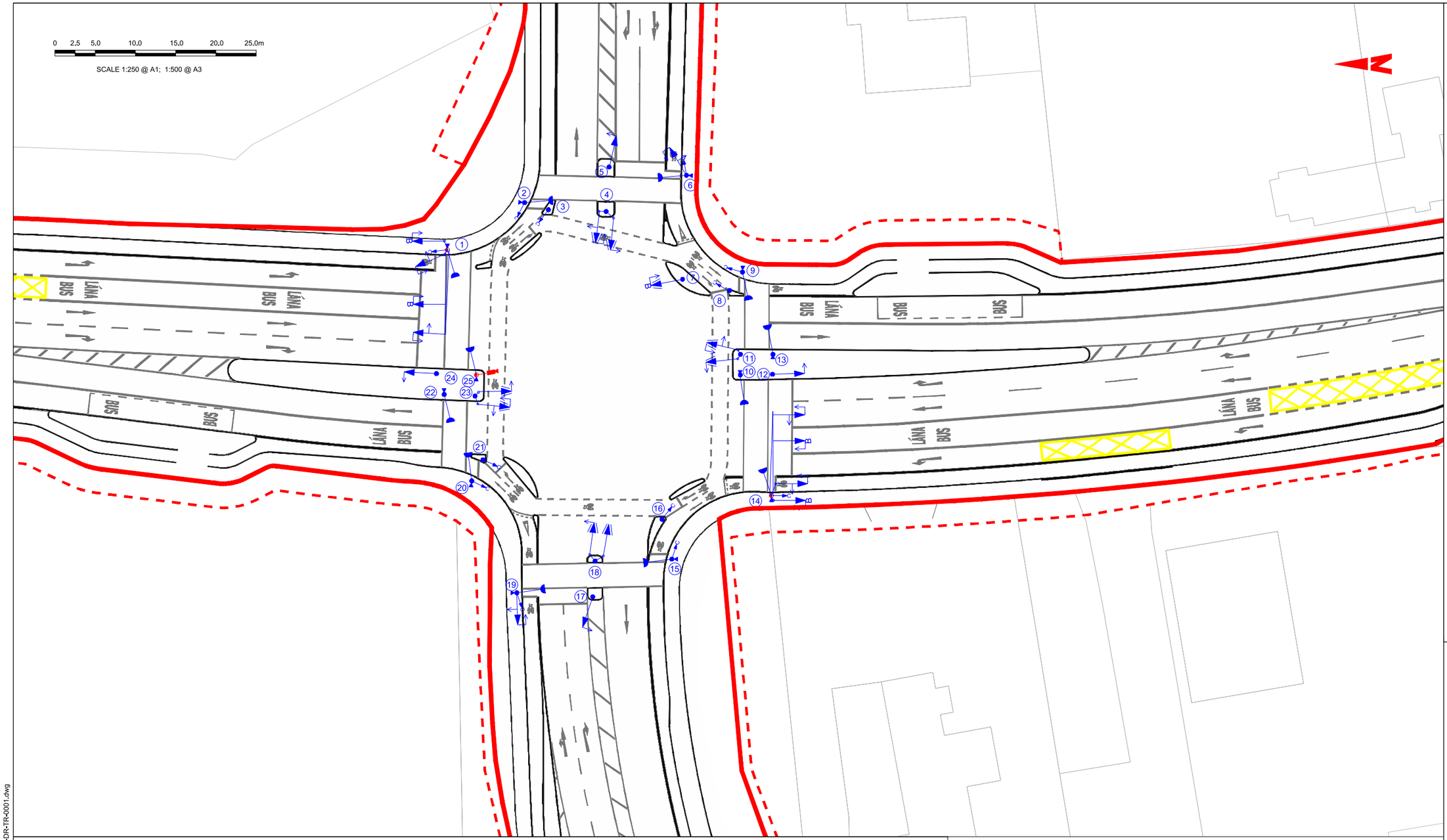

LEGEND:

TRAFFIC SIGNAL HEADS:

RTS 001

RTS 002

RTS 003

RTS 007

RPC 004

TRAFFIC SIGNAL EQUIPMENT:

- POLE (STANDARD HEIGHT)
- TALL POLE (CCTV/TRAFFIC SIGNALS)
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- PUSH BUTTON UNIT
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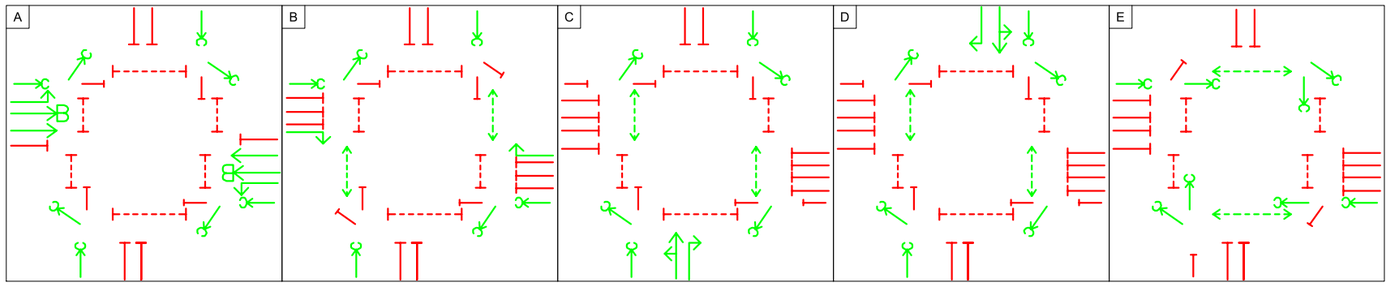
INDICATIVE METHOD OF CONTROL



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

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

Project Code	Originator Code	QMS Code	Drawing File Name	Sheet Number	Status	Rev
BCIDB	JAC		BCIDB-JAC-TSM_SJ -0002_XX_00 -DR-TR -0002	02 of 44	A	M01

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LEGEND:

TRAFFIC SIGNAL HEADS:

RTS 001

RTS 002

RTS 003

RTS 007

RPC 004

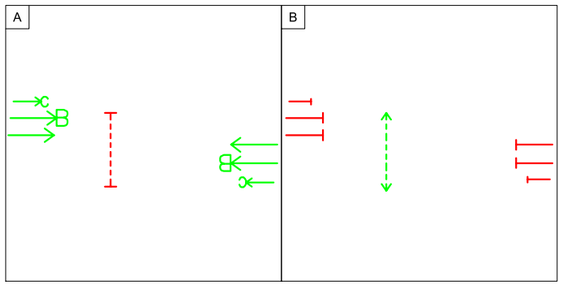
TRAFFIC SIGNAL EQUIPMENT:

- 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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Project Ireland 2040
Building Ireland's Future

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

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

Drawing Title: SWORDS TO CITY CENTRE CORE BUS CORRIDOR SCHEME
JUNCTION SYSTEM DESIGN
SWORDS ROAD / N1 BUSINESS PARK PEDESTRIAN CROSSING

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

Project Code	Originator Code	QMS Code	Drawing File Name	Sheet Number	Status	Rev
BCIDB	JAC		BCIDB-JAC-TSM_SJ -0002_XX_00 -DR-TR-0003	03 of 44	A	M01

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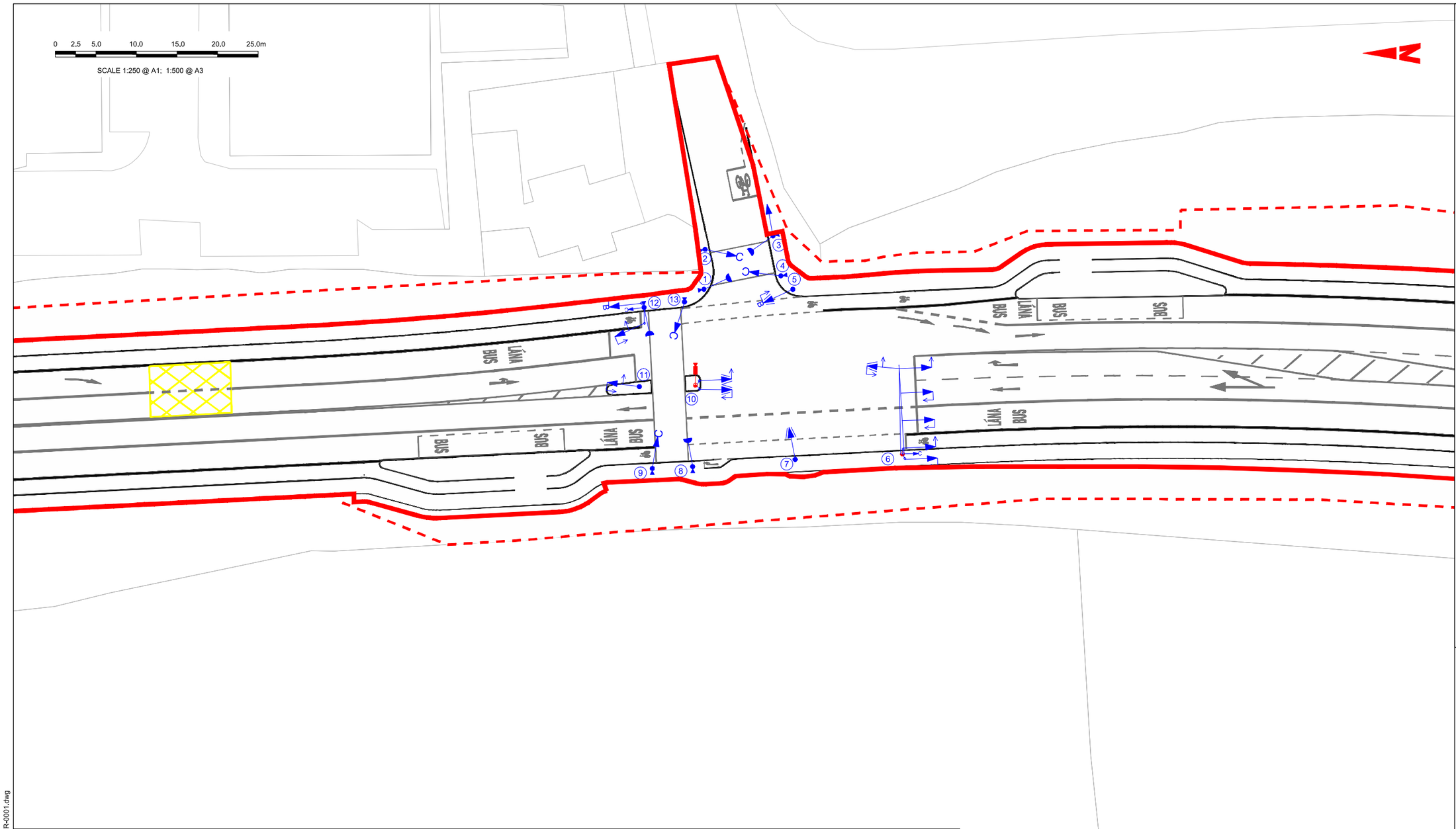


LEGEND:

TRAFFIC SIGNAL HEADS:

RTS 001

RTS 002

RTS 003

RTS 007

RPC 004

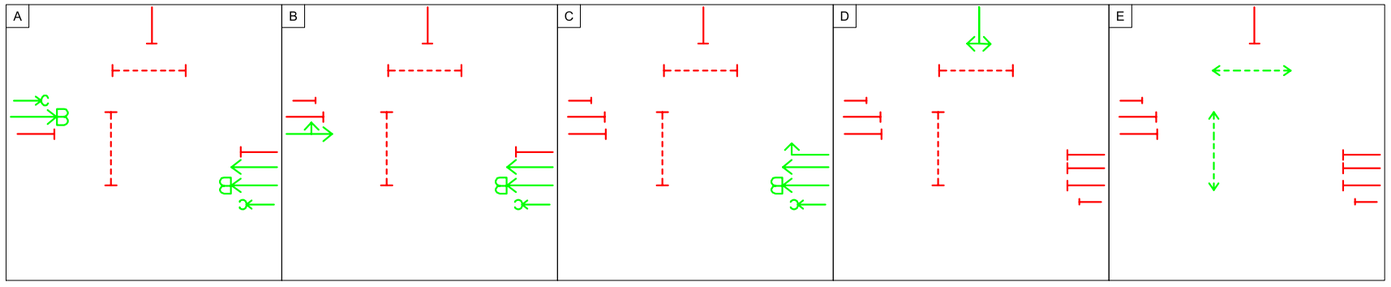
TRAFFIC SIGNAL EQUIPMENT:

- 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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Project Ireland 2040
Building Ireland's Future

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

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

Drawing Title: SWORDS TO CITY CENTRE CORE BUS CORRIDOR SCHEME
JUNCTION SYSTEM DESIGN
SWORDS ROAD / KETTLES LANE PEDESTRIAN CROSSING

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

Project Code	Originator Code	QMS Code	Drawing File Name	Sheet Number	Status	Rev
BCIDB	JAC		BCIDB-JAC-TSM_SJ -0002_XX_00 -DR-TR -0004	04 of 44	A	M01

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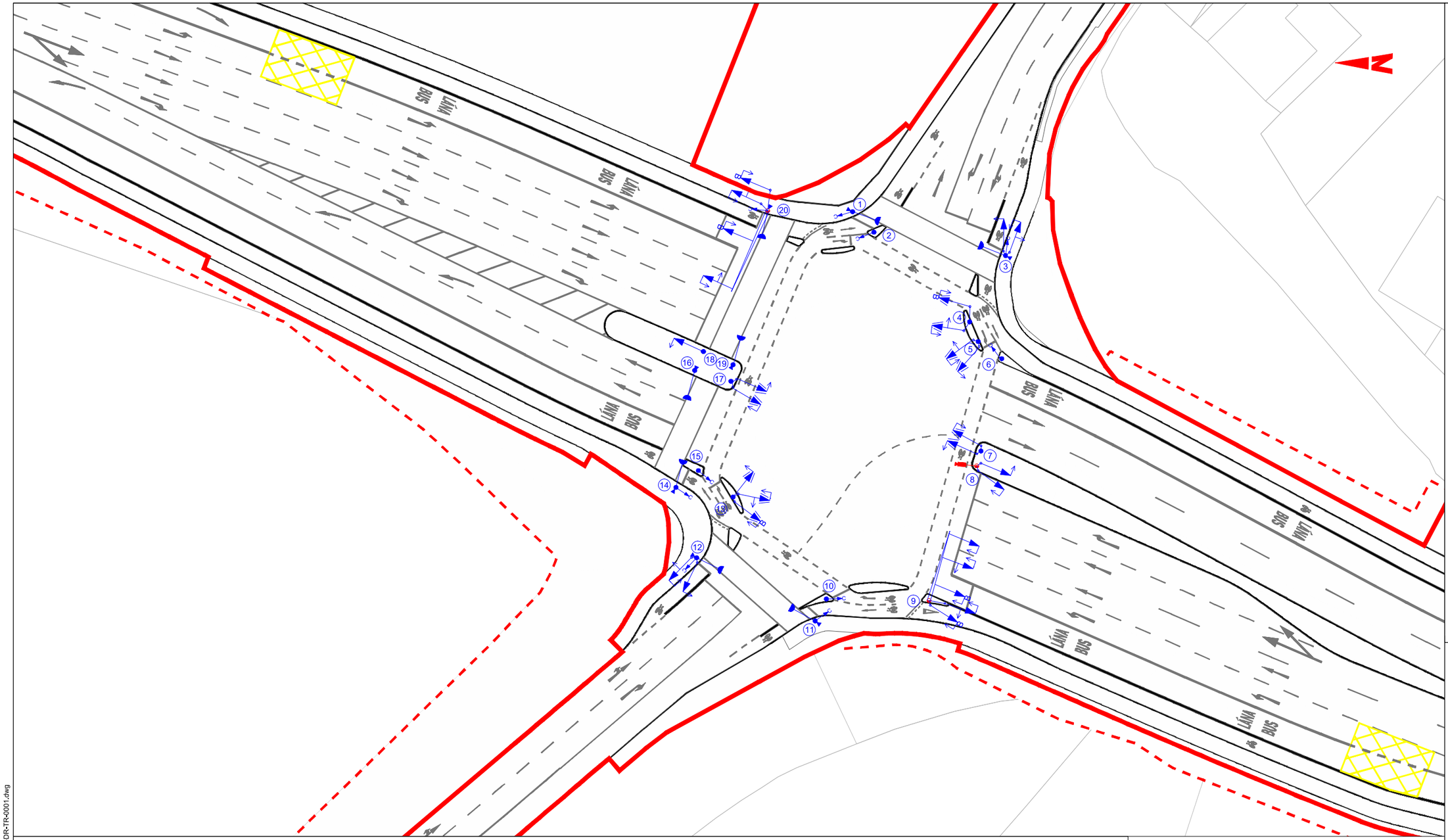


LEGEND:

TRAFFIC SIGNAL HEADS:

RTS 001

RTS 002

RTS 003

RTS 007

RPC 004

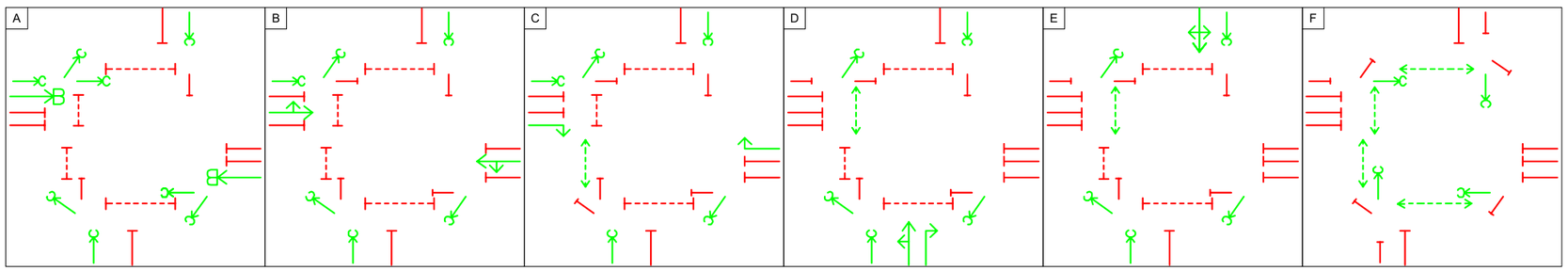
TRAFFIC SIGNAL EQUIPMENT:

- 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



0 2.5 5.0 10.0 15.0 20.0 25.0m

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

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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

Programme Title: BUSCONNECTS DUBLIN
CORE BUS CORRIDORS INFRASTRUCTURE WORKS

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

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

Project Code	Originator Code	QMS Code	Drawing File Name	Sheet Number	Status	Rev
BCIDB	JAC		BCIDB-JAC-TSM_SJ -0002_XX_00 -DR-TR-0005	05 of 44	A	M01

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LEGEND:

TRAFFIC SIGNAL HEADS:

RTS 001

RTS 002

RTS 003

RTS 007

RPC 004

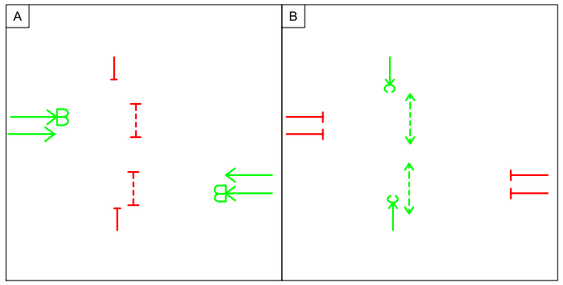
TRAFFIC SIGNAL EQUIPMENT:

- 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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Project Ireland 2040
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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 / COACHMANS INN ACCESS PEDESTRIAN CROSSING

Drawing File Name	Sheet Number	Status	Rev
BCIDB-JAC-TSM_SJ -0002_XX_00 -DR-TR-0006	06 of 44	A	M01

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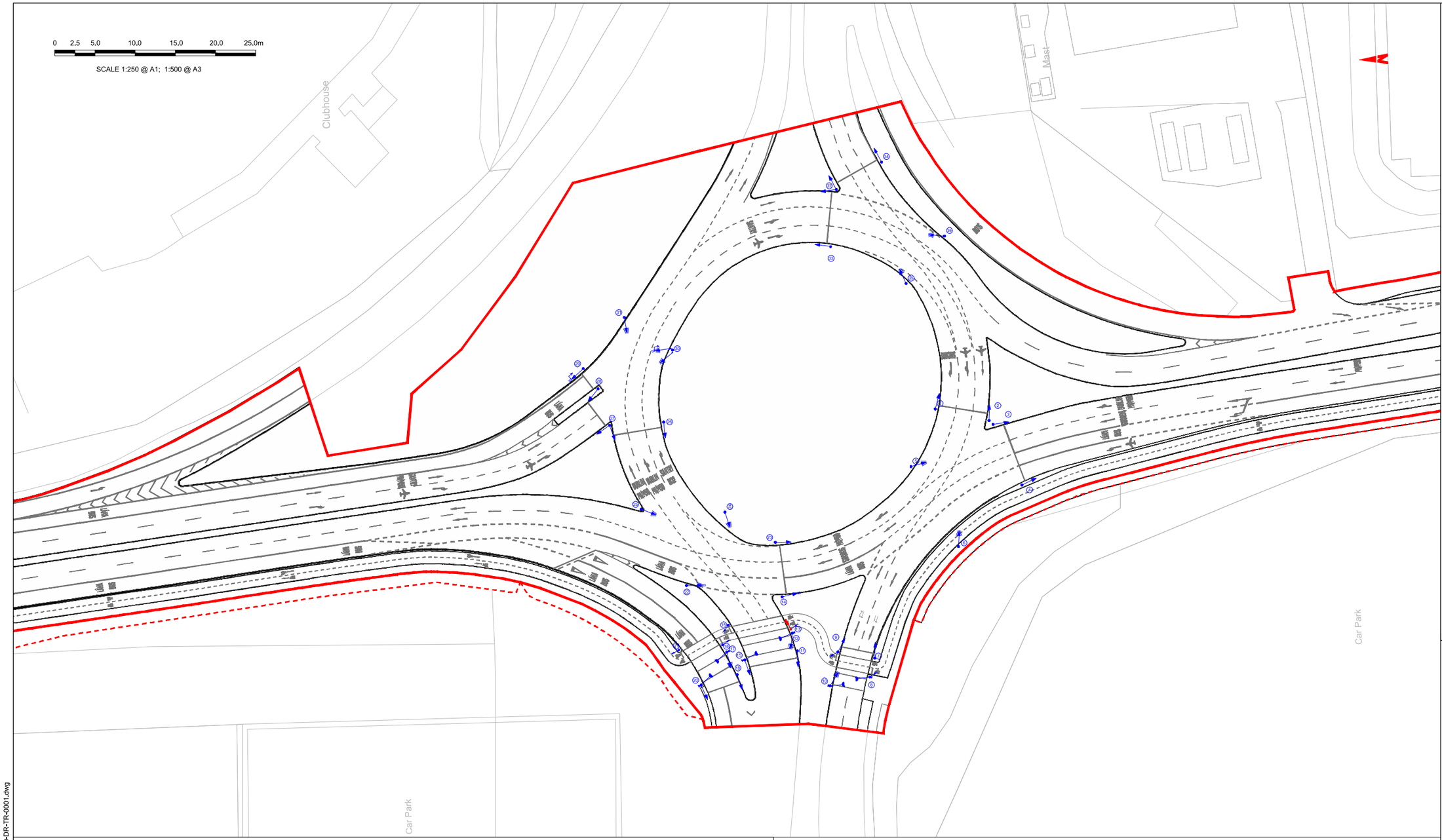
SCALE 1:250 @ A1; 1:500 @ A3



LEGEND:

TRAFFIC SIGNAL HEADS:

RTS 001

RTS 002

RTS 003

RTS 007

RPC 004

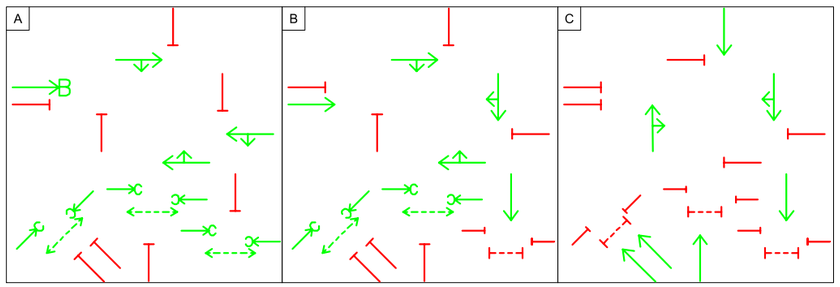
TRAFFIC SIGNAL EQUIPMENT:

- 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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Project Ireland 2040
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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: **BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS**

Drawing Title: SWORDS TO CITY CENTRE CORE BUS CORRIDOR SCHEME
JUNCTION SYSTEM DESIGN
SWORDS ROAD / AIRPORT ACCESS / M1 LINK JUNCTION

Drawing File Name	Sheet Number	Status	Rev
BCIDB-JAC-TSM_SJ -0002_XX_00 -DR-TR-0007	07 of 44	A	M01

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

LÁNA BUS

EXCEPT BUSES

STOP

LEGEND:

TRAFFIC SIGNAL HEADS:

RTS 001

RTS 002

RTS 003

RTS 007

RPC 004

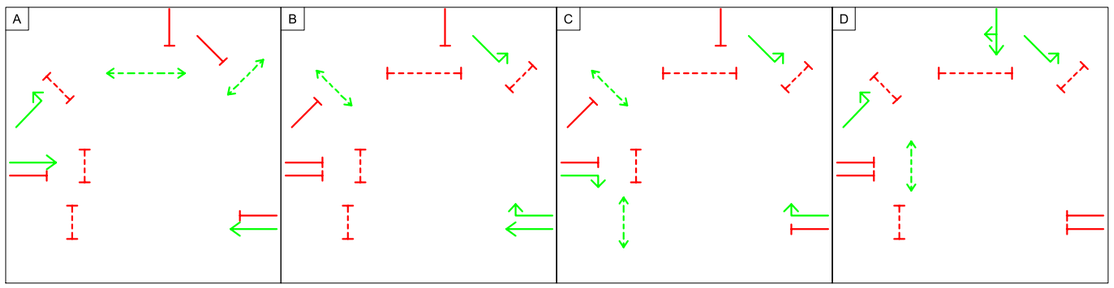
TRAFFIC SIGNAL EQUIPMENT:

- 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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Project Ireland 2040
Building Ireland's Future

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

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

Drawing Title: SWORDS TO CITY CENTRE CORE BUS CORRIDOR SCHEME JUNCTION SYSTEM DESIGN SWORDS ROAD / GREEN LONG-TERM CAR PARK / KEALY'S JUNCTION

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

Project Code	Originator Code	QMS Code	Drawing File Name	Sheet Number	Status	Rev
BCIDB	JAC		BCIDB-JAC-TSM_SJ -0002_XX_00 -DR-TR-0008	08 of 44	A	M01

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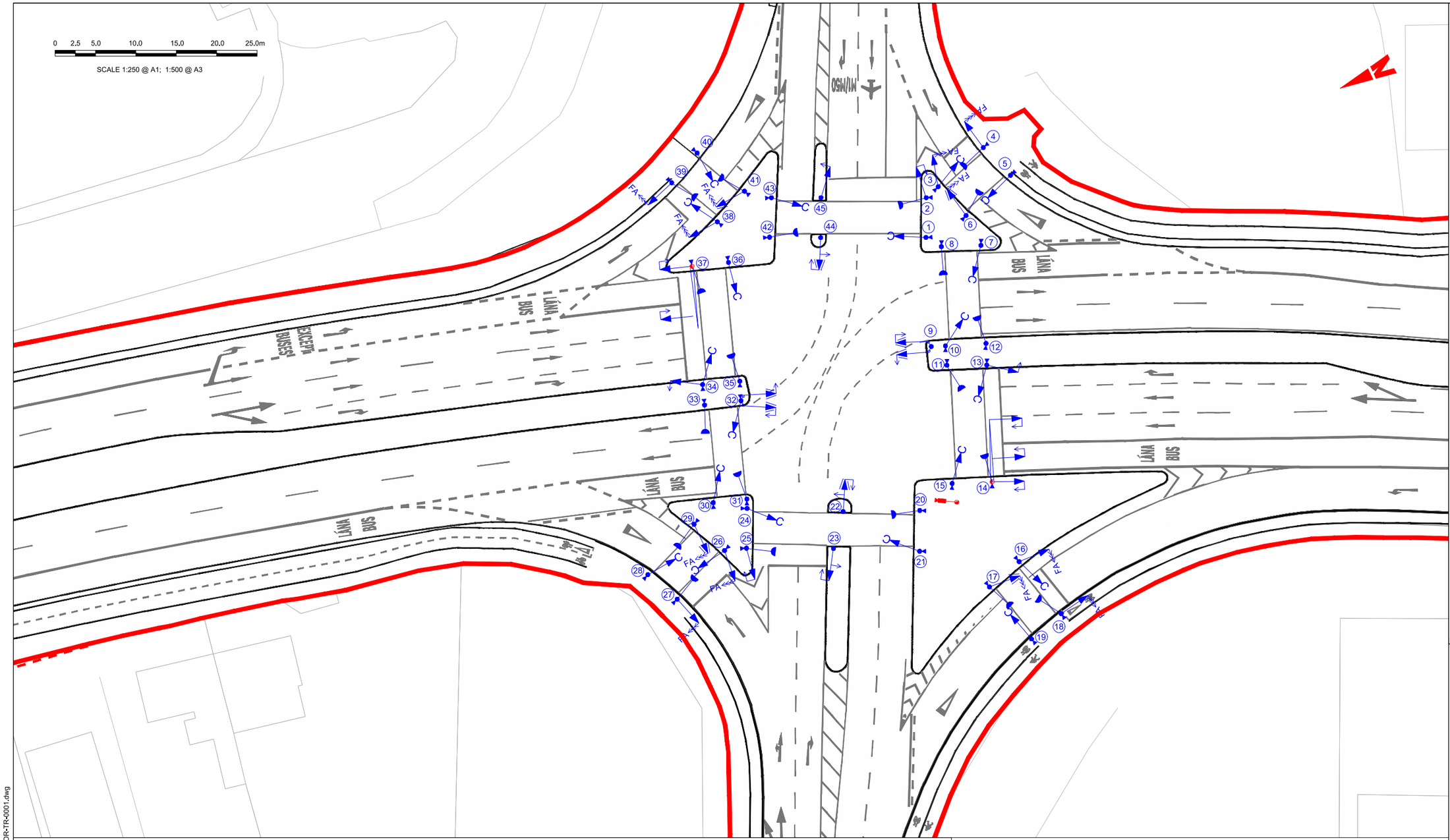


LEGEND:

TRAFFIC SIGNAL HEADS:

RTS 001

RTS 002

RTS 003

RTS 007

RPC 004

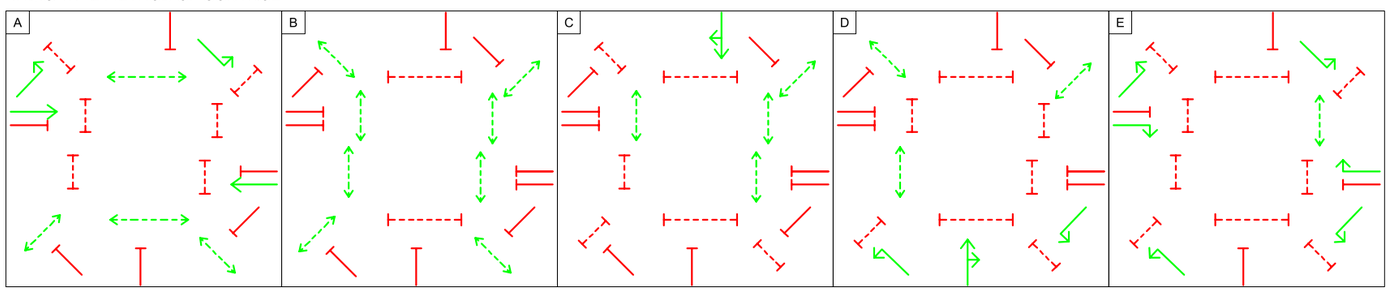
TRAFFIC SIGNAL EQUIPMENT:

- 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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Project Ireland 2040
Building Ireland's Future

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

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

Drawing Title: SWORDS TO CITY CENTRE CORE BUS CORRIDOR SCHEME JUNCTION SYSTEM DESIGN SWORDS ROAD / SOUTH CORBALLIS ROAD / RED LONG-TERM CAR PARK JUNCTION

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

Project Code	Originator Code	QMS Code	Drawing File Name	Sheet Number	Status	Rev
BCIDB	JAC		BCIDB-JAC-TSM_SJ -0002_XX_00 -DR-TR-0009	09 of 44	A	M01

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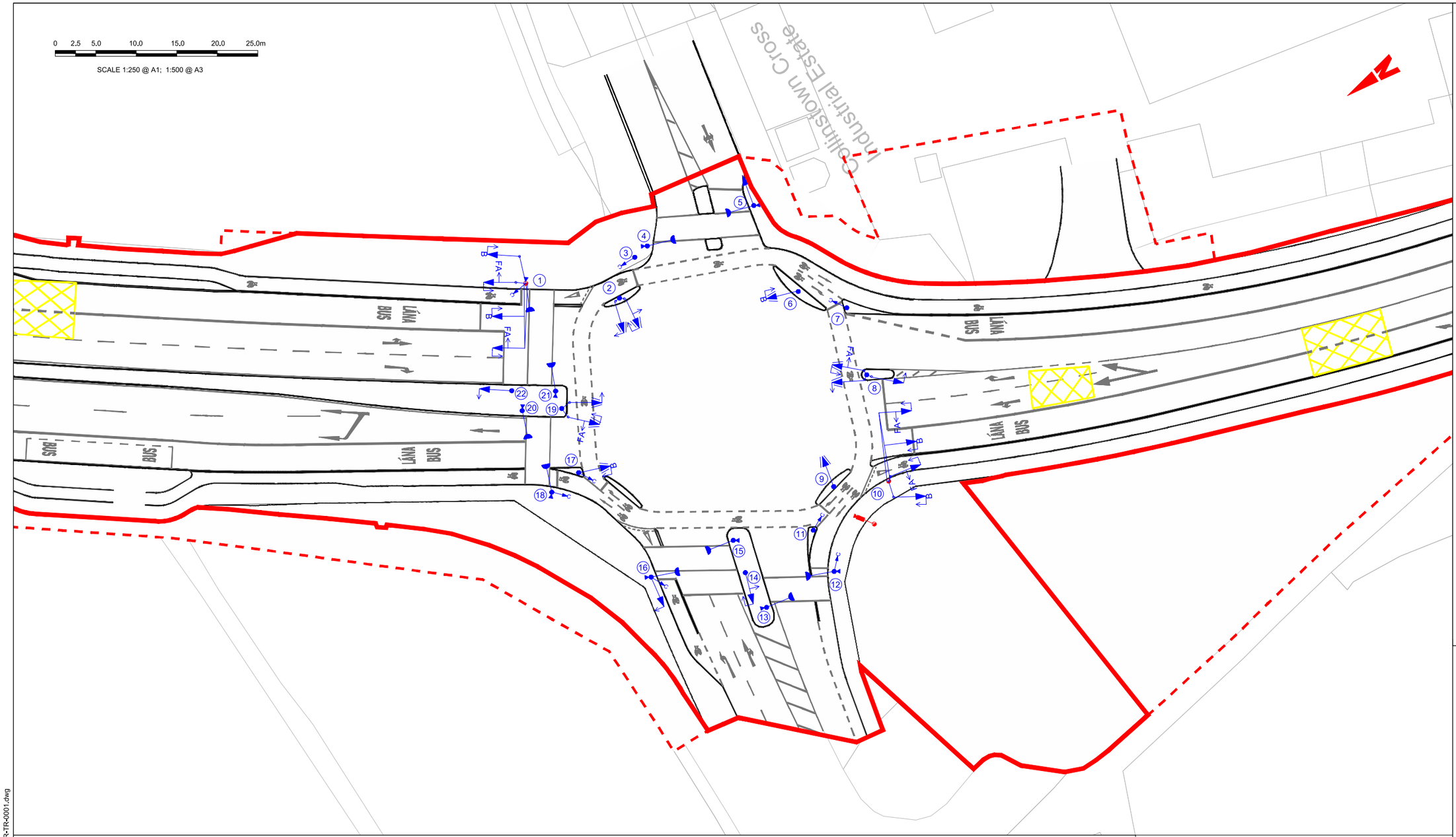
0 2.5 5.0 10.0 15.0 20.0 25.0m

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



LEGEND:

TRAFFIC SIGNAL HEADS:

RTS 001

RTS 002

RTS 003

RTS 007

RPC 004

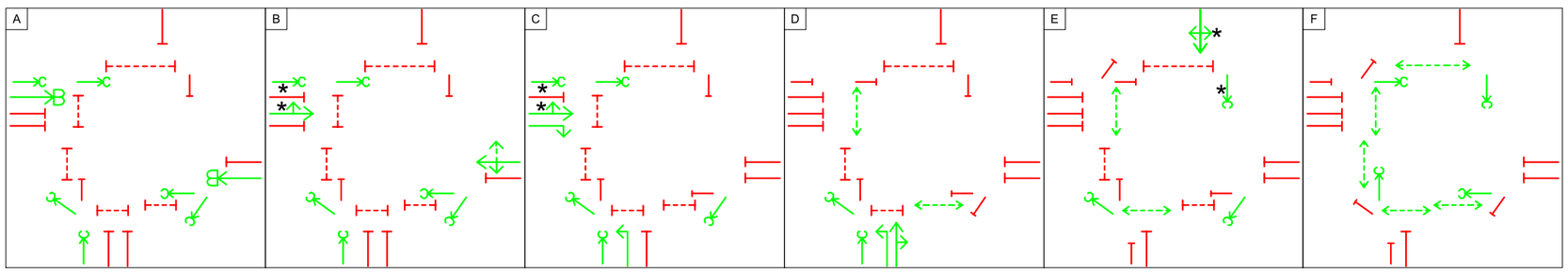
TRAFFIC SIGNAL EQUIPMENT:

- 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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Project Ireland 2040
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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

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

Drawing Title: SWORDS TO CITY CENTRE CORE BUS CORRIDOR SCHEME JUNCTION SYSTEM DESIGN SWORDS ROAD / OLD AIRPORT ROAD/ COLLINSTOWN AVENUE JUNCTION

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

Project Code	Originator Code	QMS Code	Drawing File Name	Sheet Number	Status	Rev
BCIDB	JAC		BCIDB-JAC-TSM_SJ -0002_XX_00 -DR-TR-0010	10 of 44	A	M01

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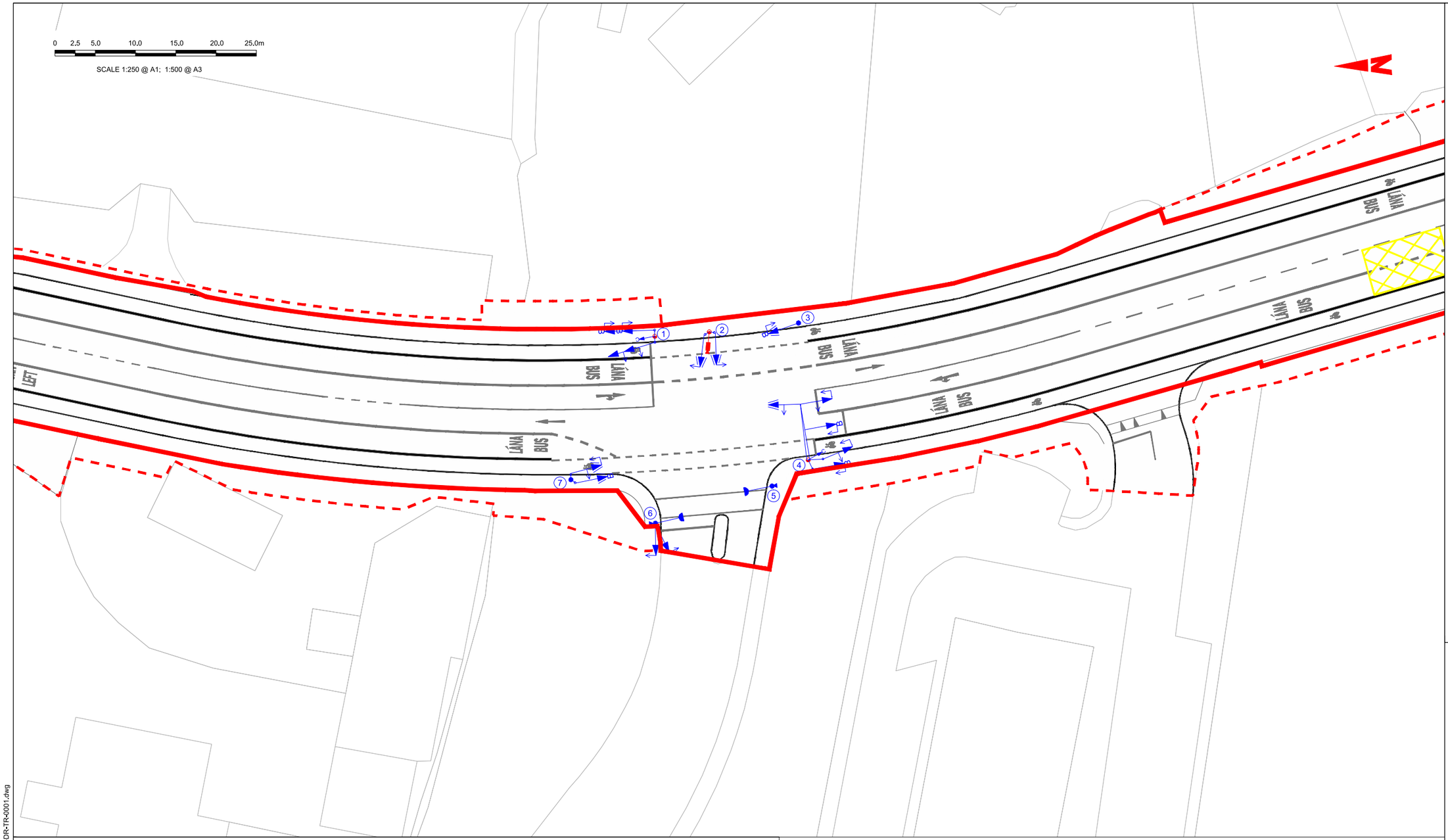


LEGEND:

TRAFFIC SIGNAL HEADS:

RTS 001

RTS 002

RTS 003

RTS 007

RPC 004

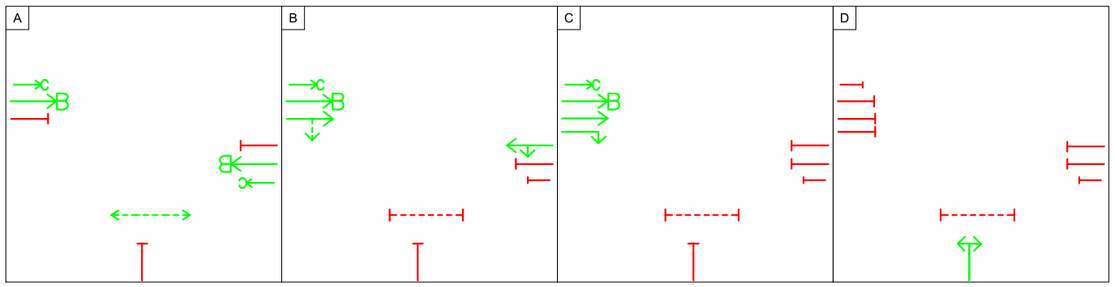
TRAFFIC SIGNAL EQUIPMENT:

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

GENERAL:

- SITE BOUNDARY LINE
- TEMPORARY LAND ACQUISITION

INDICATIVE METHOD OF CONTROL



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Project Ireland 2040
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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 / QUICK PARK CAR PARK JUNCTION

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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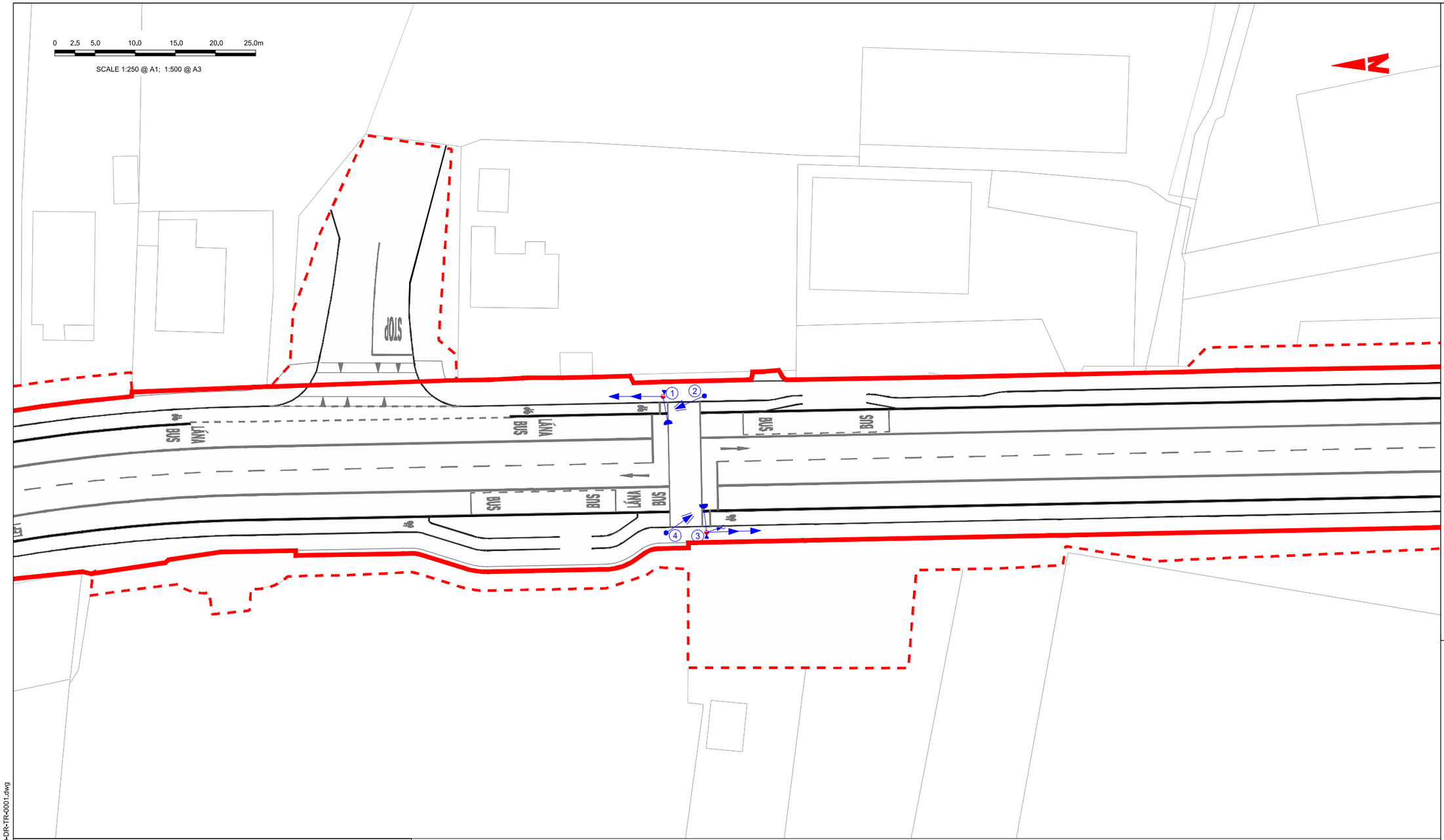


LEGEND:

TRAFFIC SIGNAL HEADS:

RTS 001

RTS 002

RTS 003

RTS 007

RPC 004

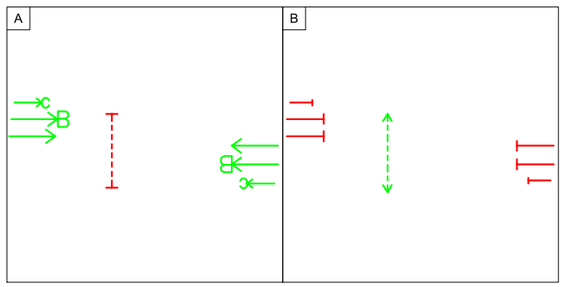
TRAFFIC SIGNAL EQUIPMENT:

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

Drawing Title:
SWORDS TO CITY CENTRE CORE BUS CORRIDOR SCHEME
JUNCTION SYSTEM DESIGN
SWORDS ROAD / ROYAL COLLEGE OF SURGEONS GROUND PEDESTRIAN CROSSING

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

LEGEND:

TRAFFIC SIGNAL HEADS:

RTS 001

RTS 002

RTS 003

RTS 007

RPC 004

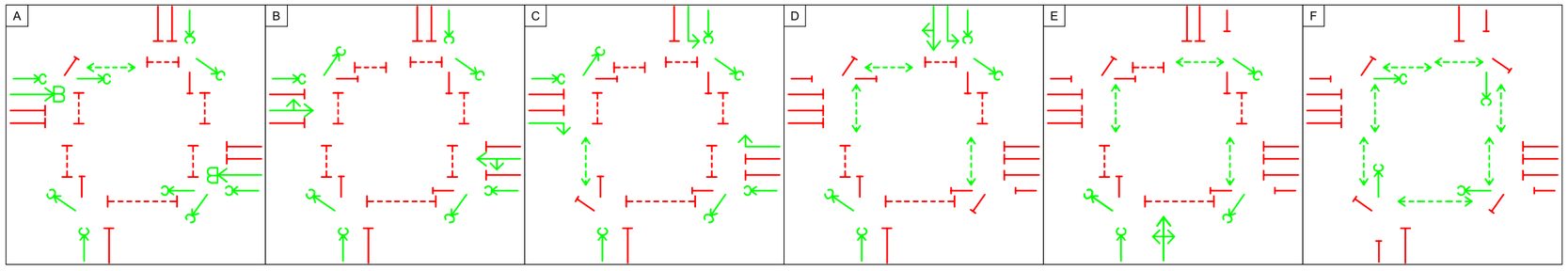
TRAFFIC SIGNAL EQUIPMENT:

- 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: NTA Údarás Náisiúnta Iompair National Transport Authority

Engineering Designer: Jacobs

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

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

Project Code	Originator Code	QMS Code	Drawing File Name	Sheet Number	Status	Rev
BCIDB	JAC		BCIDB-JAC-TSM_SJ -0002_XX_00 -DR-TR -0013	13 of 44	A	M01

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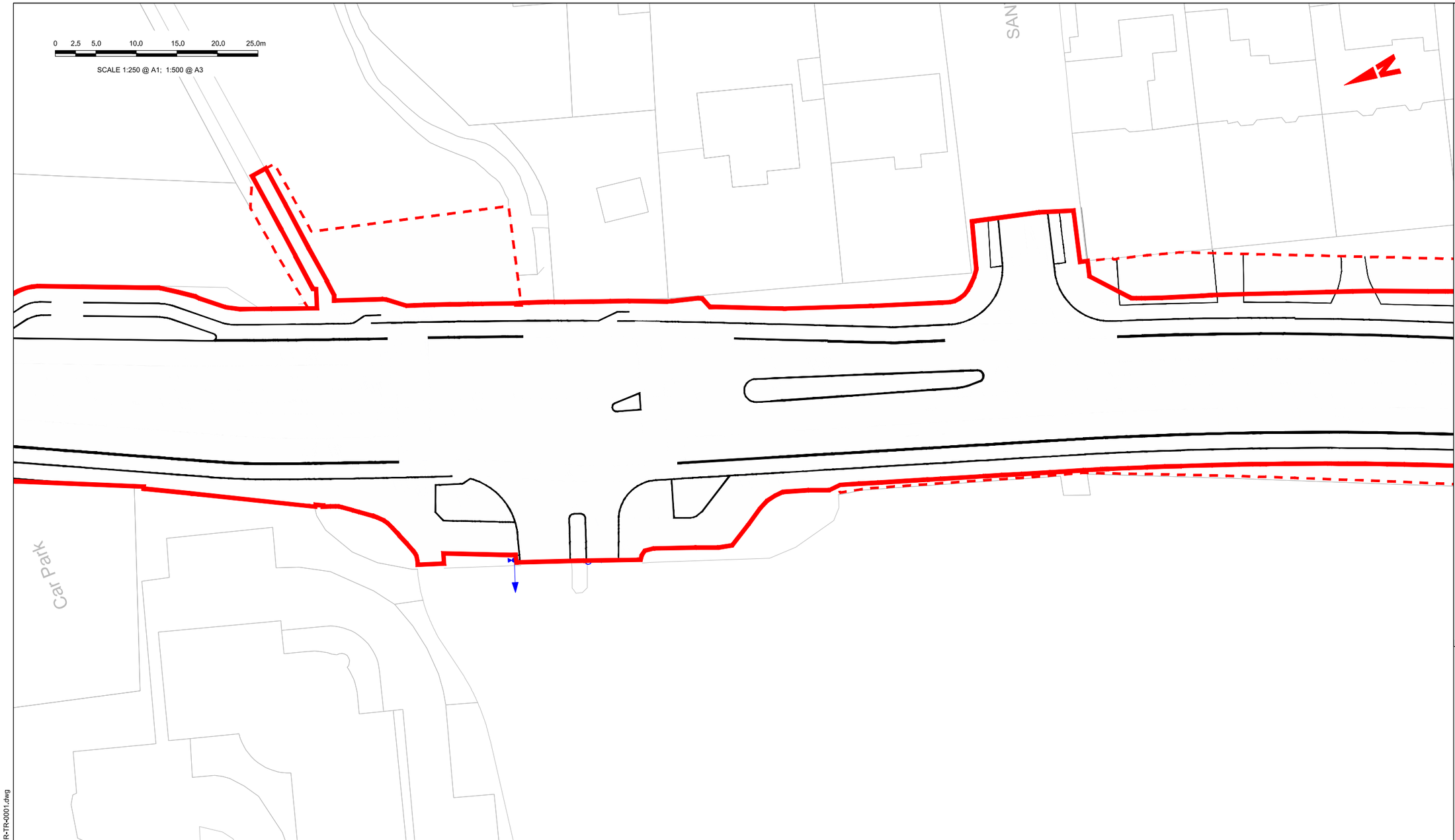


LEGEND:

TRAFFIC SIGNAL HEADS:

RTS 001

RTS 002

RTS 003

RTS 007

RPC 004

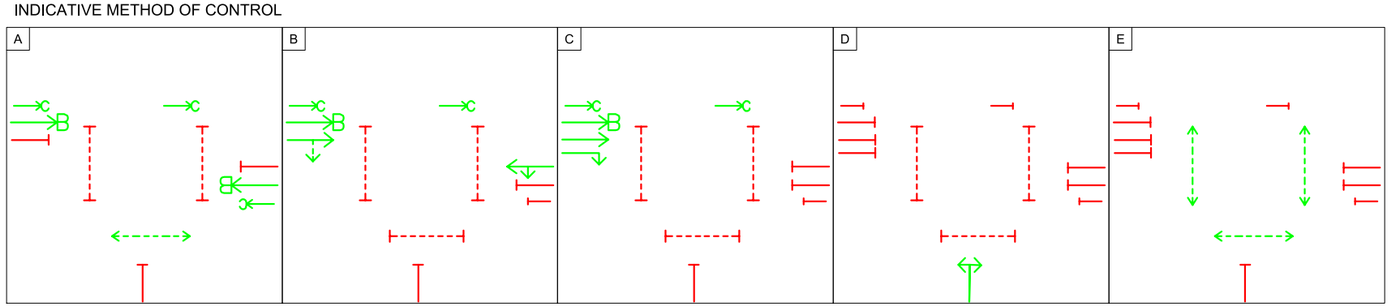
TRAFFIC SIGNAL EQUIPMENT:

- 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

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

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

Project Code	Originator Code	QMS Code	Drawing File Name	Sheet Number	Status	Rev
BCIDB	JAC		BCIDB-JAC-TSM_SJ -0002_XX_00 -DR-TR-0014	14 of 44	A	M01

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LEGEND:

TRAFFIC SIGNAL HEADS:

RTS 001

RTS 002

RTS 003

RTS 007

RPC 004

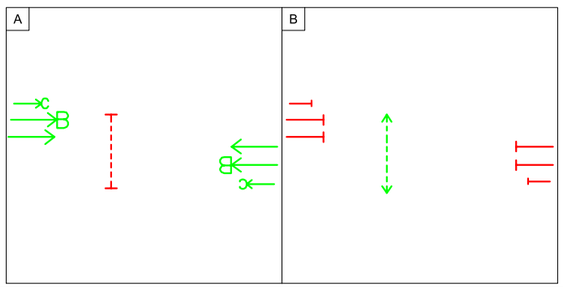
TRAFFIC SIGNAL EQUIPMENT:

- 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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Project Ireland 2040
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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 / MORTON STADIUM PEDESTRIAN CROSSING

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

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

LÁNA BUS

LÁNA BUS

SANTRY VILLAS

TO CITY CENTRE

BUS

BUS

LEGEND:

TRAFFIC SIGNAL HEADS:

RTS 001

RTS 002

RTS 003

RTS 007

RPC 004

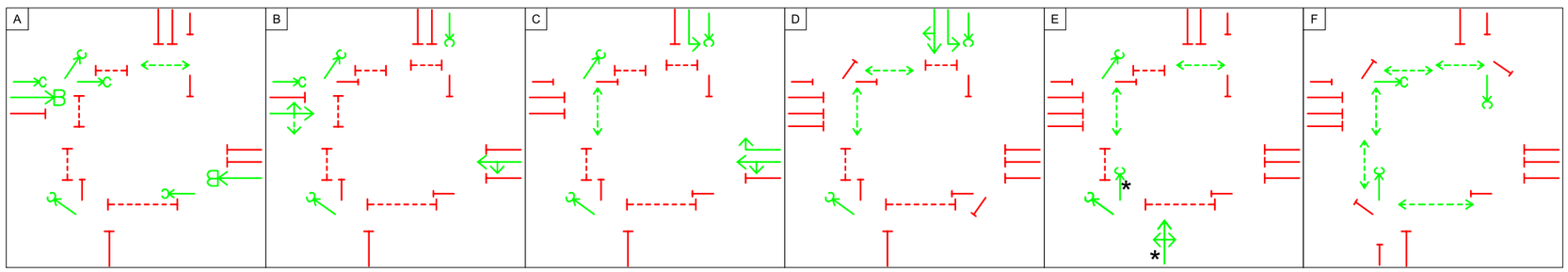
TRAFFIC SIGNAL EQUIPMENT:

- 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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Project Ireland 2040
Building Ireland's Future

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

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

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

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

Project Code	Originator Code	QMS Code	Drawing File Name	Sheet Number	Status	Rev
BCIDB	JAC		BCIDB-JAC-TSM_SJ -0002_XX_00 -DR-TR-0016	16 of 44	A	M01

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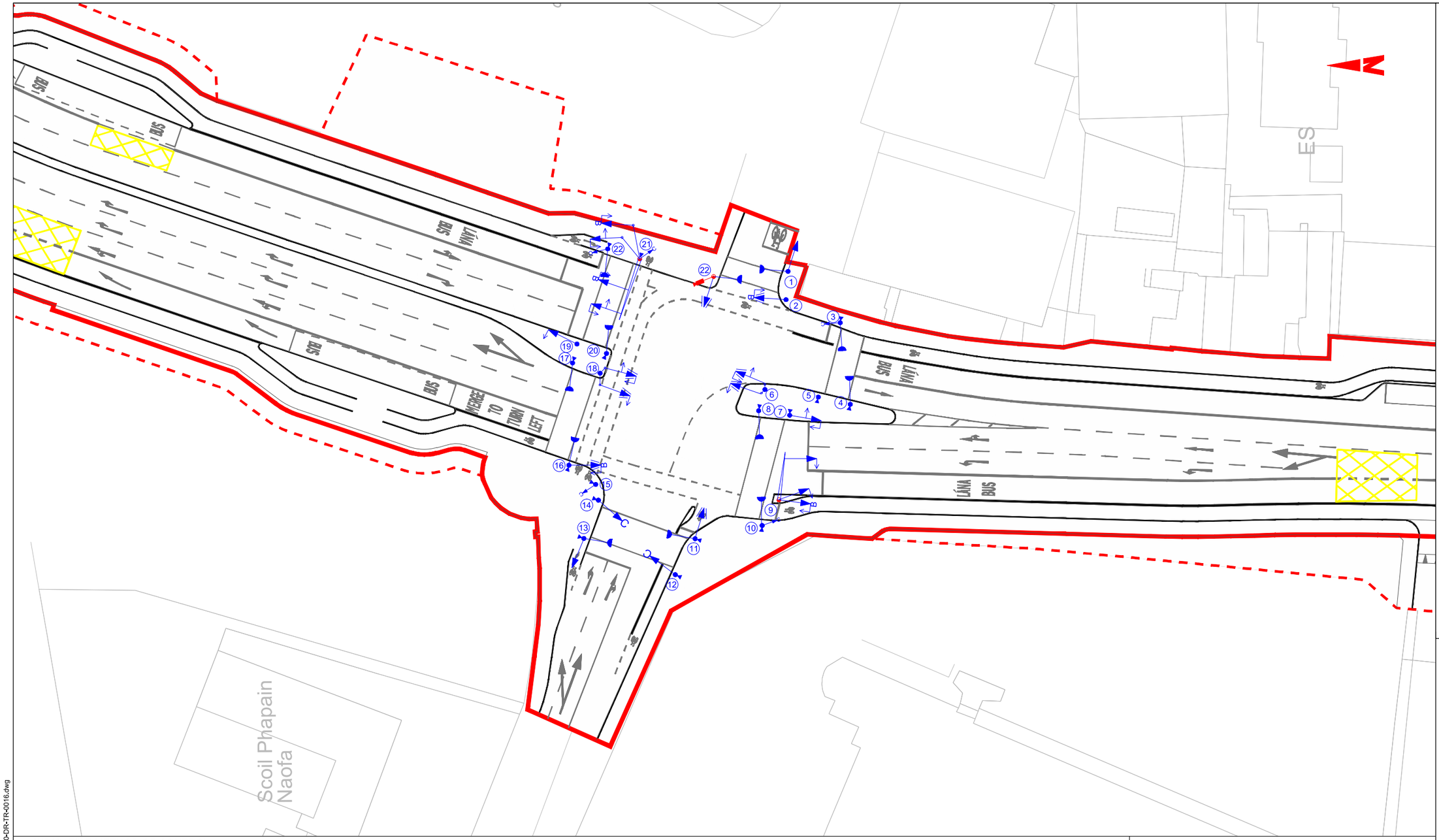


LEGEND:

TRAFFIC SIGNAL HEADS:

RTS 001

RTS 002

RTS 003

RTS 007

RPC 004

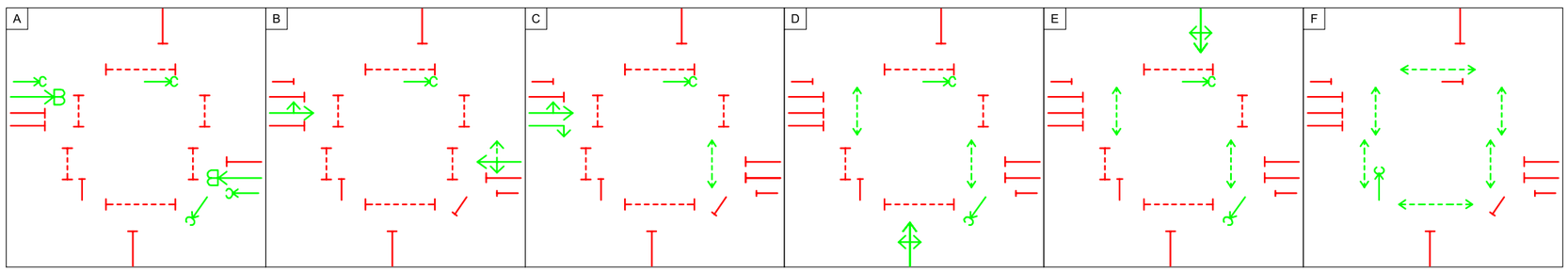
TRAFFIC SIGNAL EQUIPMENT:

- 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



0 2.5 5.0 10.0 15.0 20.0 25.0m

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

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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

Programme Title: BUSCONNECTS DUBLIN
CORE BUS CORRIDORS INFRASTRUCTURE WORKS

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

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

Project Code	Originator Code	QMS Code	Drawing File Name	Sheet Number	Status	Rev
BCIDB	JAC		BCIDB-JAC-TSM_SJ -0002_XX_00 -DR-TR-0017	17 of 44	A	M01

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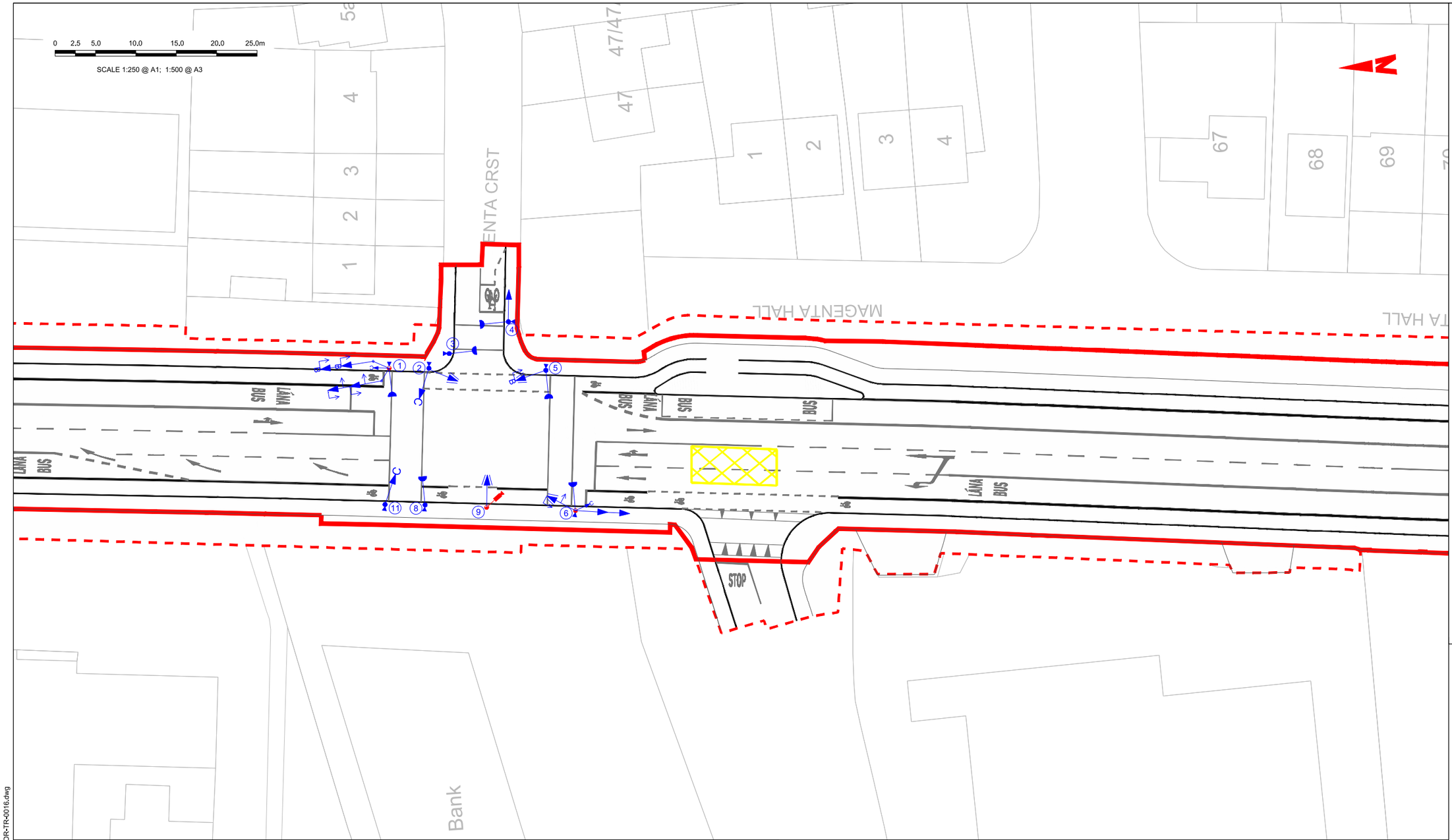
0 2.5 5.0 10.0 15.0 20.0 25.0m

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



LEGEND:

TRAFFIC SIGNAL HEADS:

RTS 001

RTS 002

RTS 003

RTS 007

RPC 004

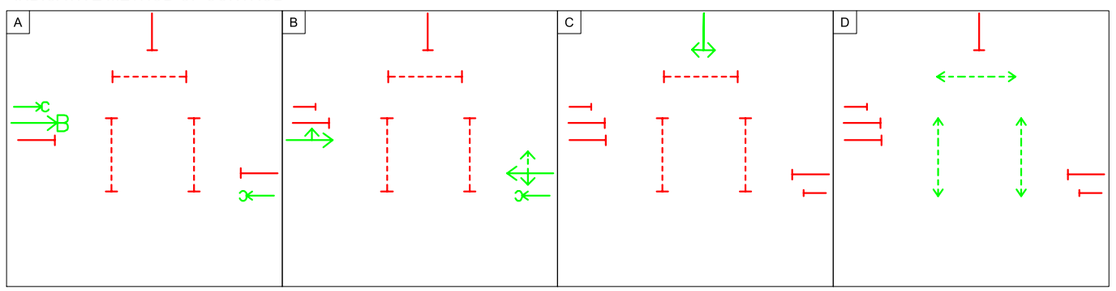
TRAFFIC SIGNAL EQUIPMENT:

- 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

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

Drawing Title: SWORDS TO CITY CENTRE CORE BUS CORRIDOR SCHEME JUNCTION SYSTEM DESIGN SWORDS ROAD / MAGENTA CRESENT PEDESTRIAN CROSSING

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

Project Code	Originator Code	QMS Code	Drawing File Name	Sheet Number	Status	Rev
BCIDB	JAC		BCIDB-JAC-TSM_SJ -0002_XX_00 -DR-TR -0018	18 of 44	A	M01

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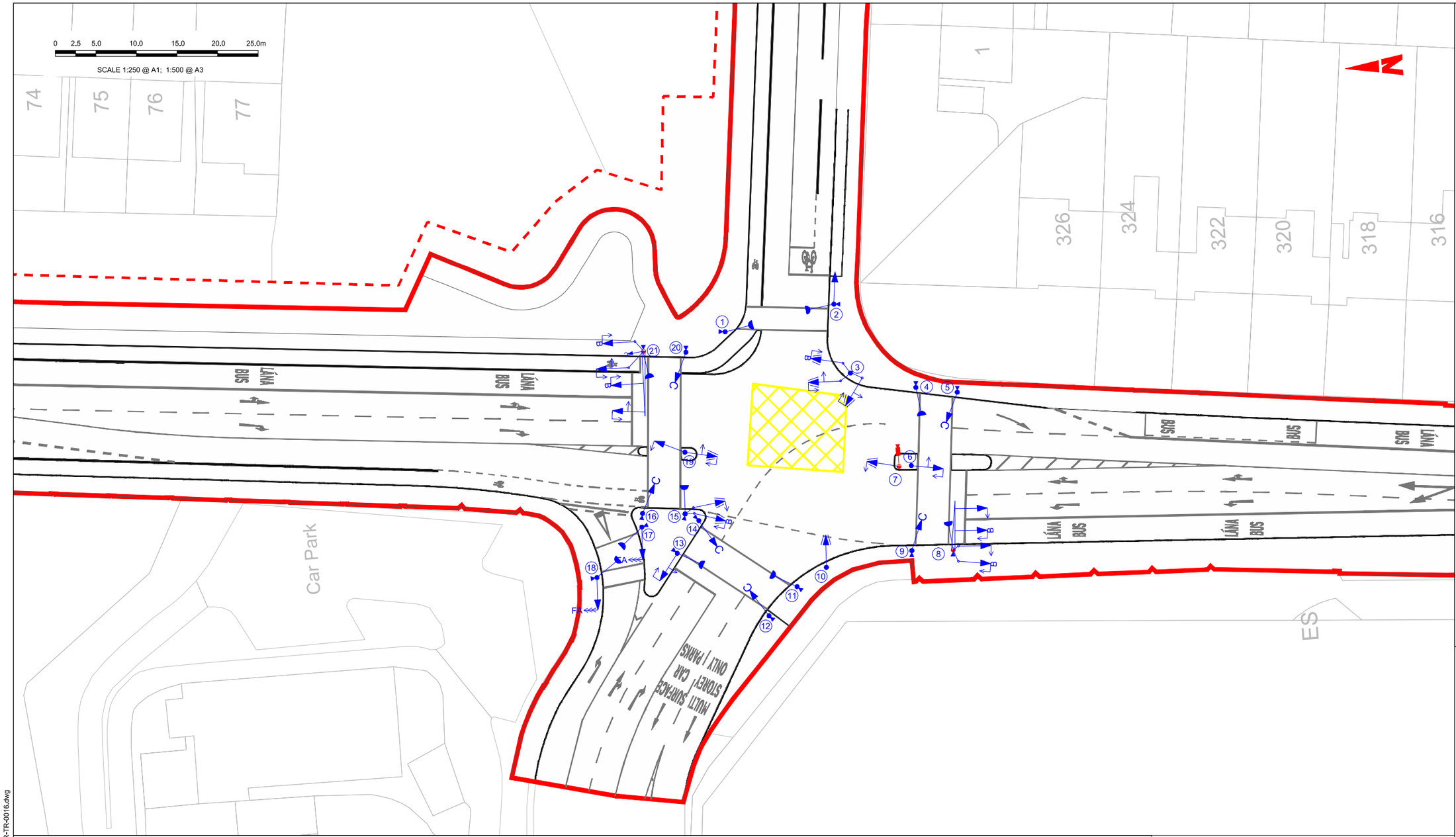


LEGEND:

TRAFFIC SIGNAL HEADS:

RTS 001

RTS 002

RTS 003

RTS 007

RPC 004

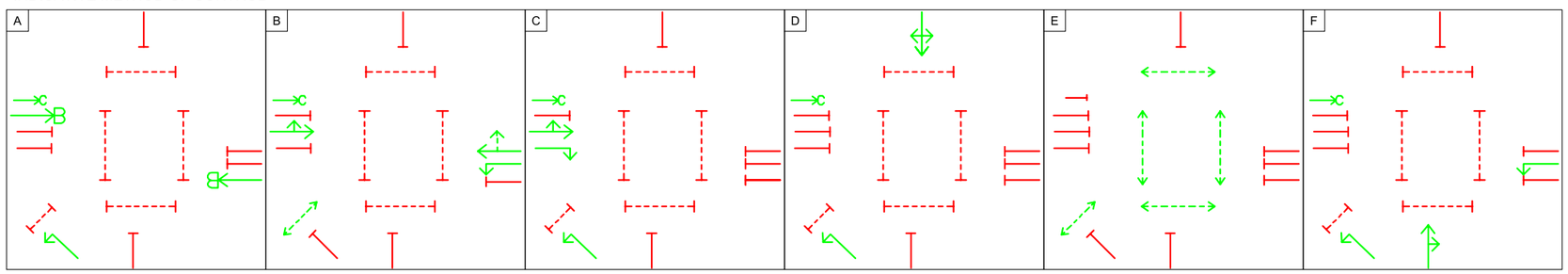
TRAFFIC SIGNAL EQUIPMENT:

- 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

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

Drawing Title: SWORDS TO CITY CENTRE CORE BUS CORRIDOR SCHEME JUNCTION SYSTEM DESIGN SWORDS ROAD / OMNI PARK / LORCAN ROAD JUNCTION

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

Project Code	Originator Code	QMS Code	Drawing File Name	Sheet Number	Status	Rev
BCIDB	JAC		BCIDB-JAC-TSM_SJ -0002_XX_00 -DR-TR -0019	19 of 44	A	M01

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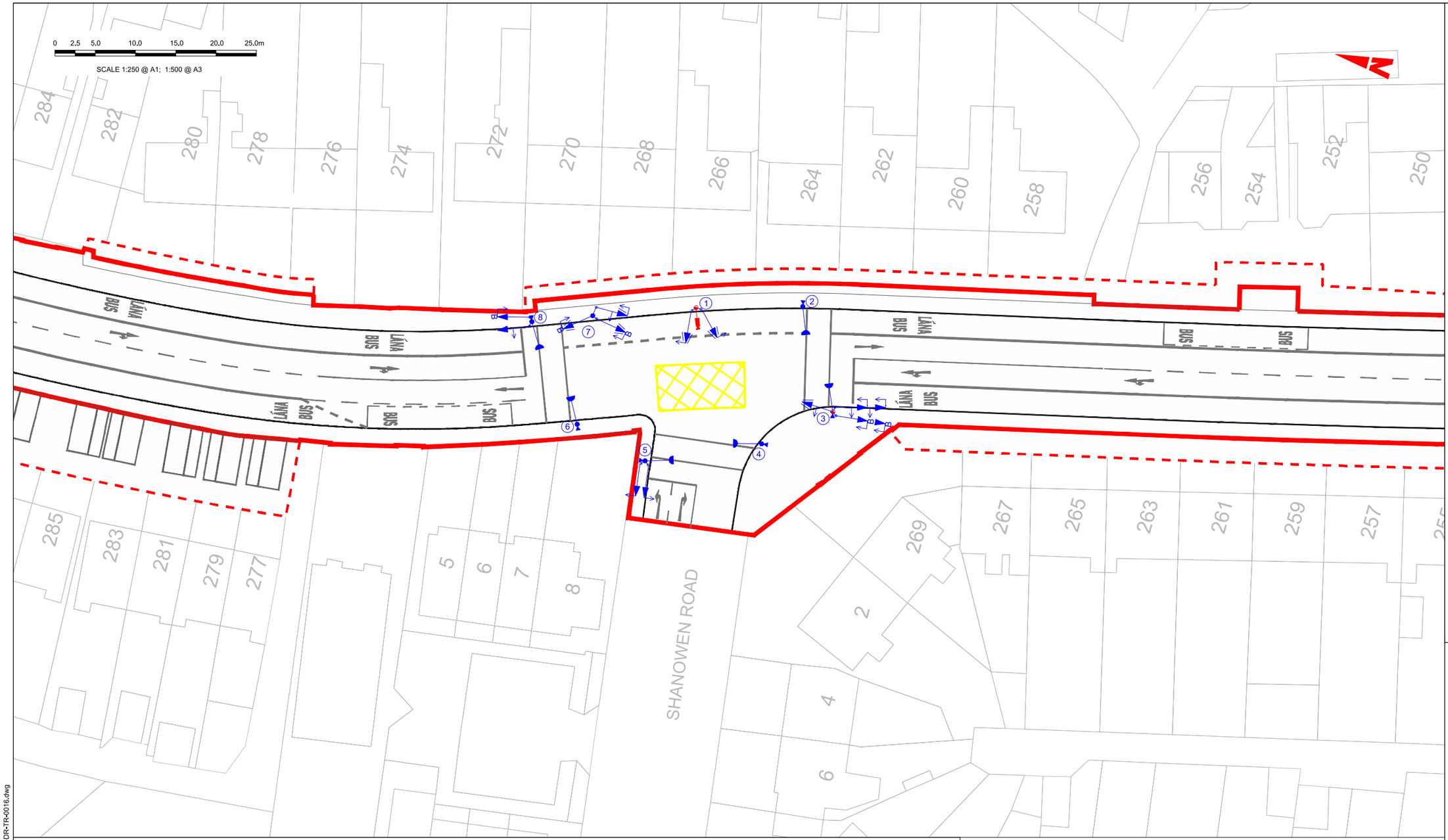


LEGEND:

TRAFFIC SIGNAL HEADS:

RTS 001

RTS 002

RTS 003

RTS 007

RPC 004

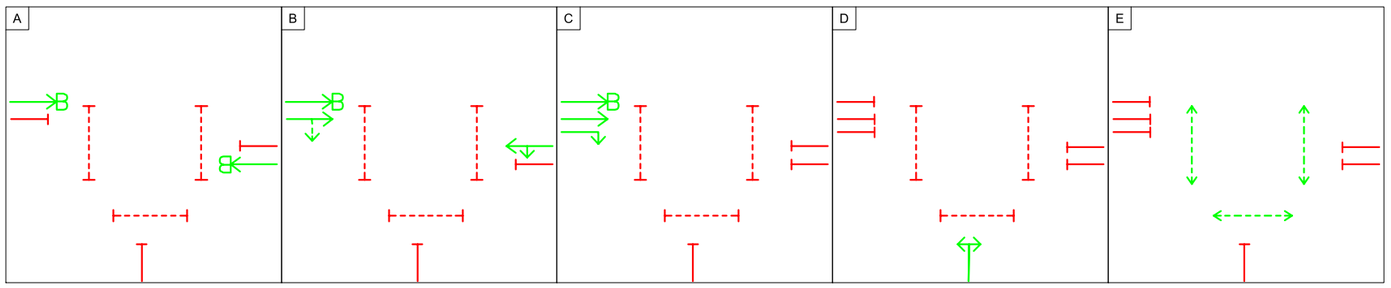
TRAFFIC SIGNAL EQUIPMENT:

- 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

Programme Title: BUSCONNECTS DUBLIN
CORE BUS CORRIDORS INFRASTRUCTURE WORKS

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

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

Project Code	Originator Code	QMS Code	Drawing File Name	Sheet Number	Status	Rev
BCIDB	JAC		BCIDB-JAC-TSM_SJ -0002_XX_00 -DR-TR-0020	20 of 44	A	M01

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0 2.5 5.0 10.0 15.0 20.0 25.0m

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

224 4 2 2a 222 235 233 231 229 227 225 223 221 76 77 78 79 80 75 74 219 9 7 5 3 1

LARKHILL ROAD

BUS LANE

NO ENTRY

TURN RIGHT NO

N

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

A B C D E

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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

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

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

Project Code	Originator Code	QMS Code	Drawing File Name	Sheet Number	Status	Rev
BCIDB	JAC		BCIDB-JAC-TSM_SJ -0002_XX_00 -DR-TR-0021	21 of 44	A	M01

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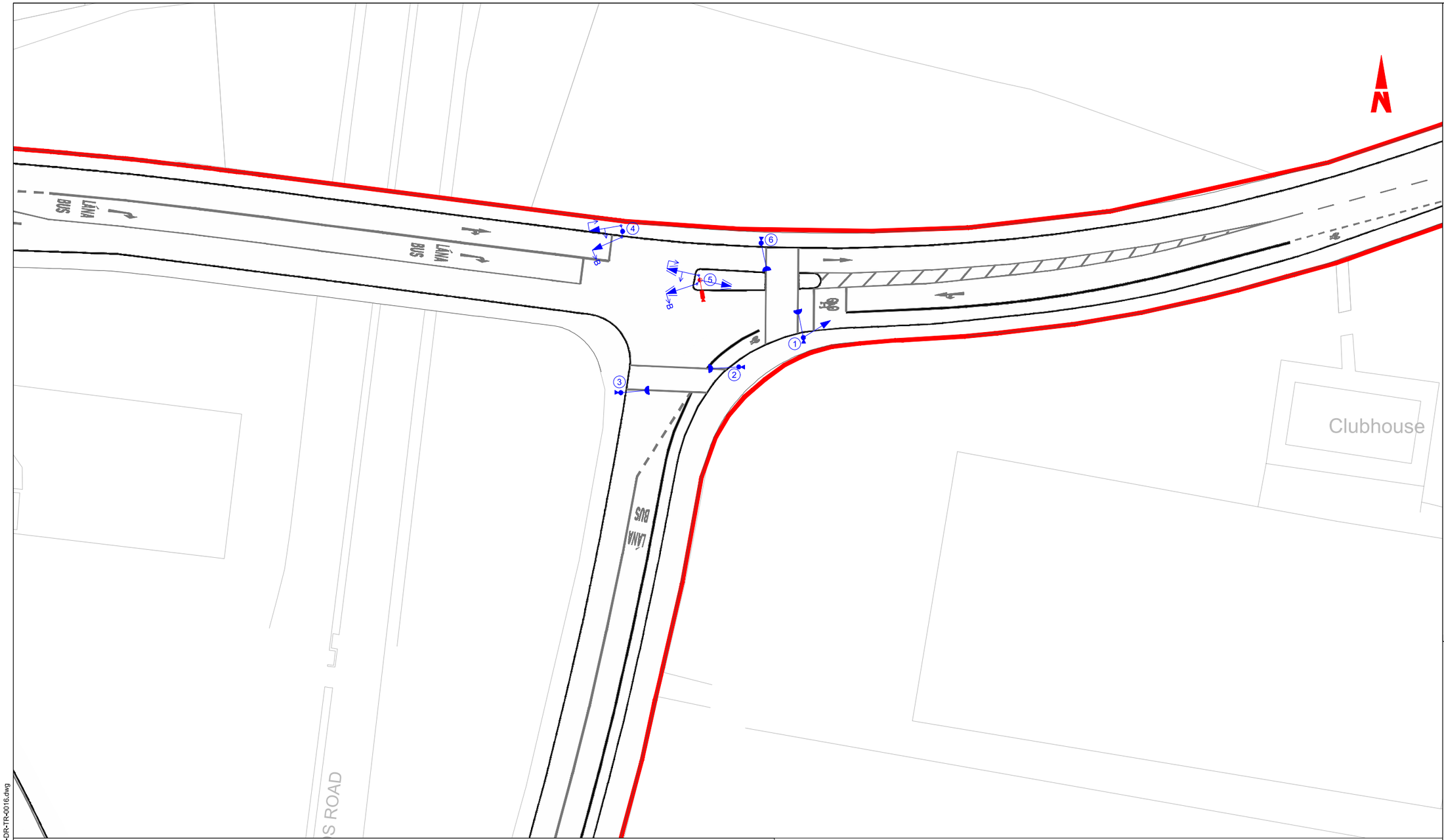


LEGEND:

TRAFFIC SIGNAL HEADS:

RTS 001

RTS 002

RTS 003

RTS 007

RPC 004

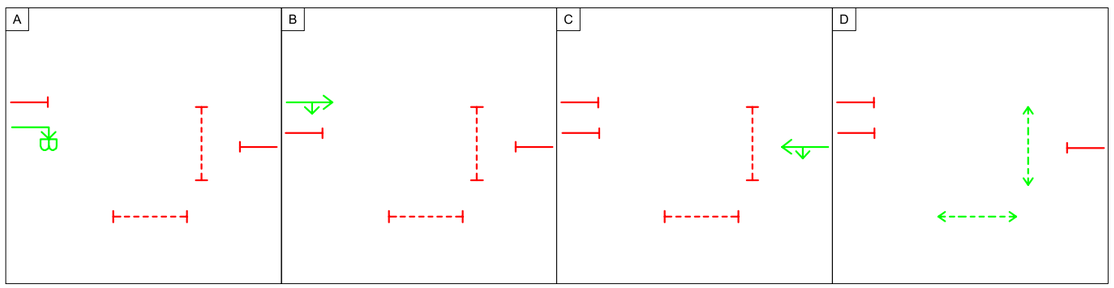
TRAFFIC SIGNAL EQUIPMENT:

- 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



0 2.5 5.0 10.0 15.0 20.0 25.0m

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

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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

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

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

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

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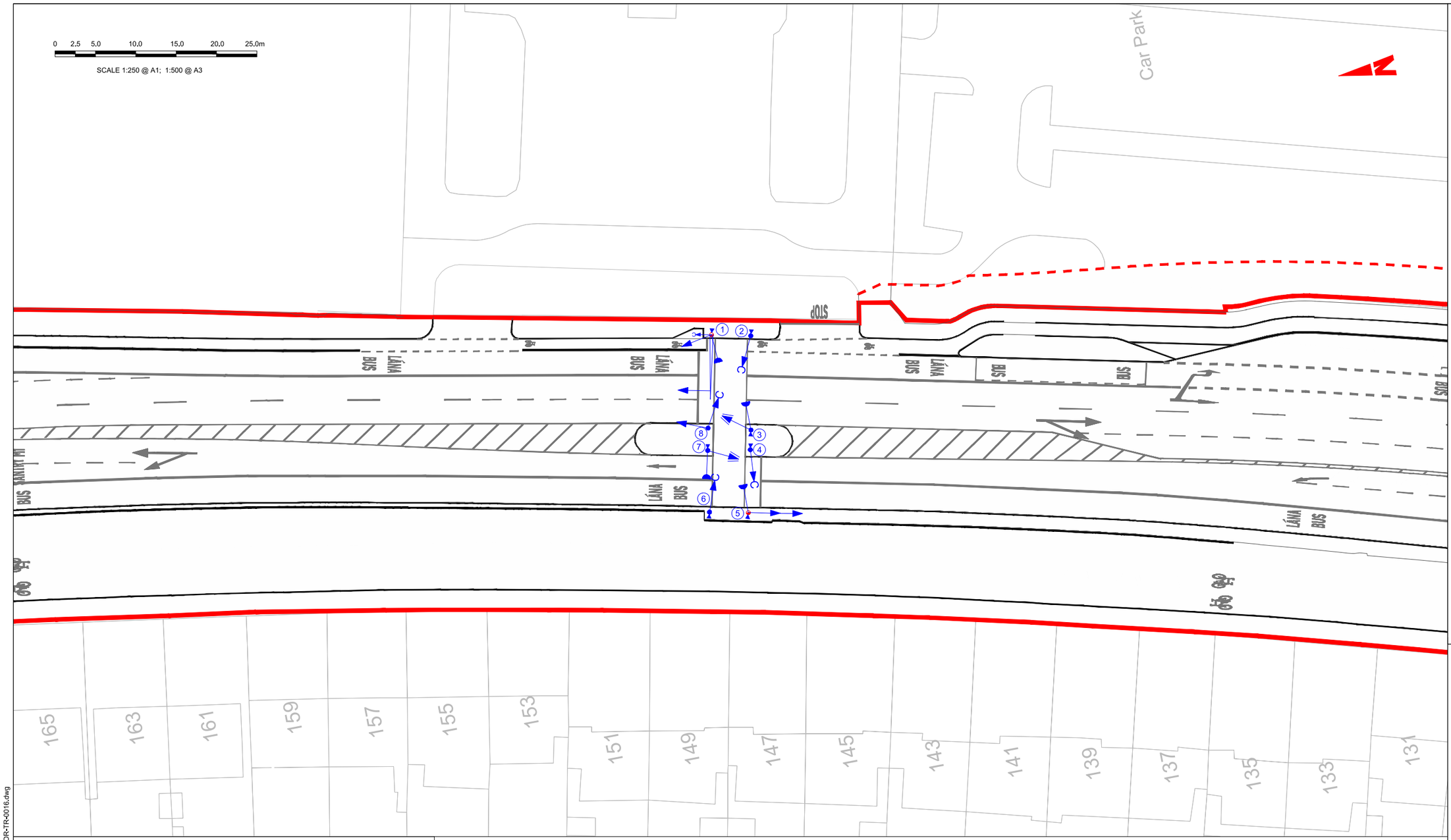


LEGEND:

TRAFFIC SIGNAL HEADS:

RTS 001

RTS 002

RTS 003

RTS 007

RPC 004

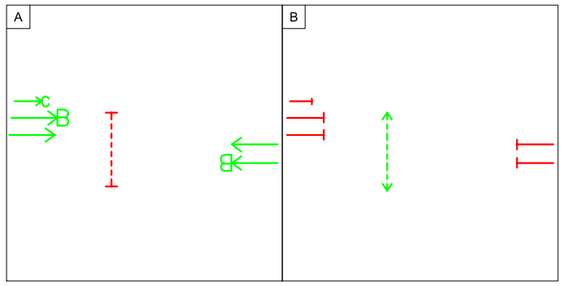
TRAFFIC SIGNAL EQUIPMENT:

- 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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Project Ireland 2040
Building Ireland's Future

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

Programme Title: BUSCONNECTS DUBLIN
CORE BUS CORRIDORS INFRASTRUCTURE WORKS

Drawing Title: SWORDS TO CITY CENTRE CORE BUS CORRIDOR SCHEME
JUNCTION SYSTEM DESIGN
SWORDS ROAD / HOLY CHILD CHURCH PEDESTRIAN CROSSING

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

Project Code	Originator Code	QMS Code	Drawing File Name	Sheet Number	Status	Rev
BCIDB	JAC		BCIDB-JAC-TSM_SJ -0002_XX_00 -DR-TR-0023	23 of 44	A	M01

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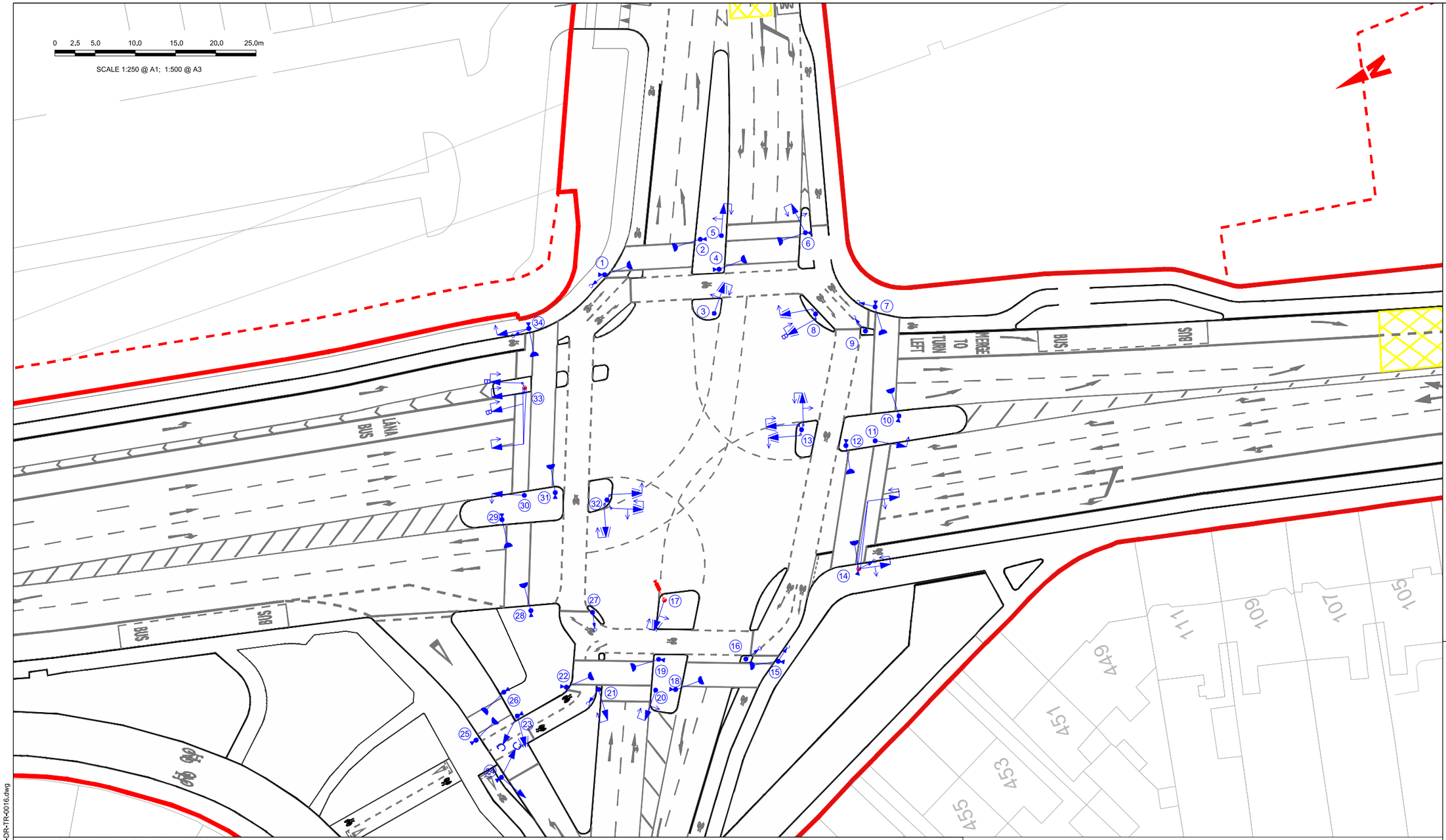
SCALE 1:250 @ A1; 1:500 @ A3



LEGEND:

TRAFFIC SIGNAL HEADS:

RTS 001

RTS 002

RTS 003

RTS 007

RPC 004

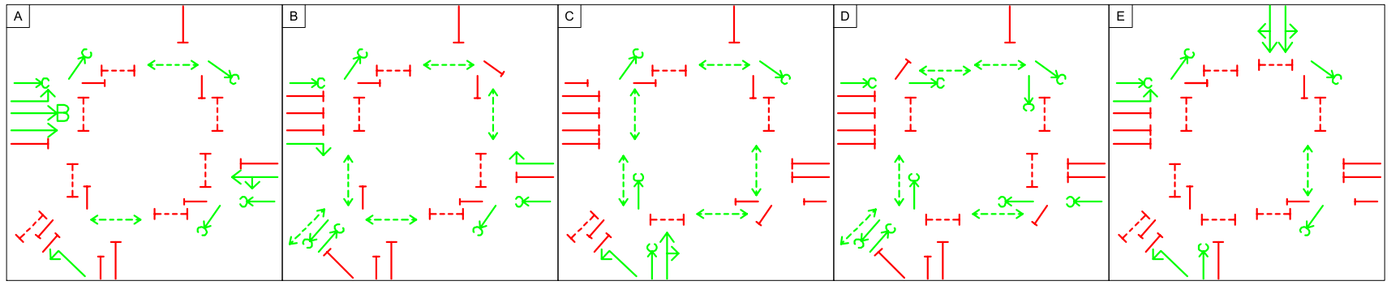
TRAFFIC SIGNAL EQUIPMENT:

- 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: NTA Údarás Náisiúnta Iompair National Transport Authority

Engineering Designer: Jacobs

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

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

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

Project Code	Originator Code	QMS Code	Drawing File Name	Sheet Number	Status	Rev
BCIDB	JAC		BCIDB-JAC-TSM_SJ -0002_XX_00 -DR-TR-0024	24 of 44	A	M01

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0 2.5 5.0 10.0 15.0 20.0 25.0m

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

LÁNA BUS

BUS

EXCEPT BUSES

Whitehall

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

A B C D E

* 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

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

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

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

Project Code	Originator Code	QMS Code	Drawing File Name	Sheet Number	Status	Rev
BCIDB	JAC		BCIDB-JAC-TSM_SJ -0002_XX_00 -DR-TR-0025	25 of 44	A	M01

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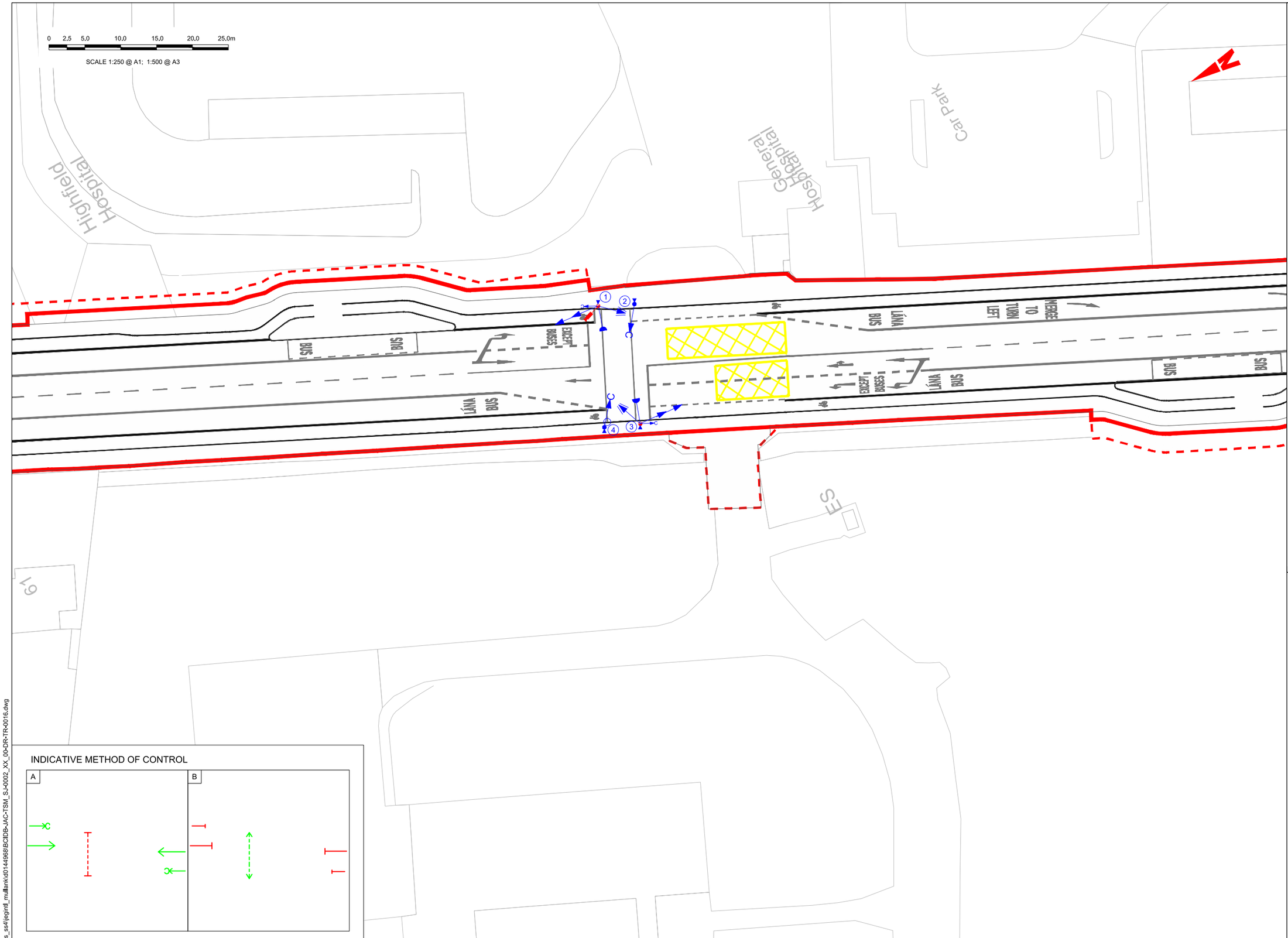

LEGEND:

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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Project Ireland 2040
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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

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

Drawing Title: SWORDS TO CITY CENTRE CORE BUS CORRIDOR SCHEME
JUNCTION SYSTEM DESIGN
SWORDS ROAD / HIGHFIELD HOSPITAL PEDESTRIAN CROSSING

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

Project Code	Originator Code	QMS Code	Drawing File Name	Sheet Number	Status	Rev
BCIDB	JAC		BCIDB-JAC-TSM_SJ -0002_XX_00 -DR-TR-0026	26 of 44	A	M01

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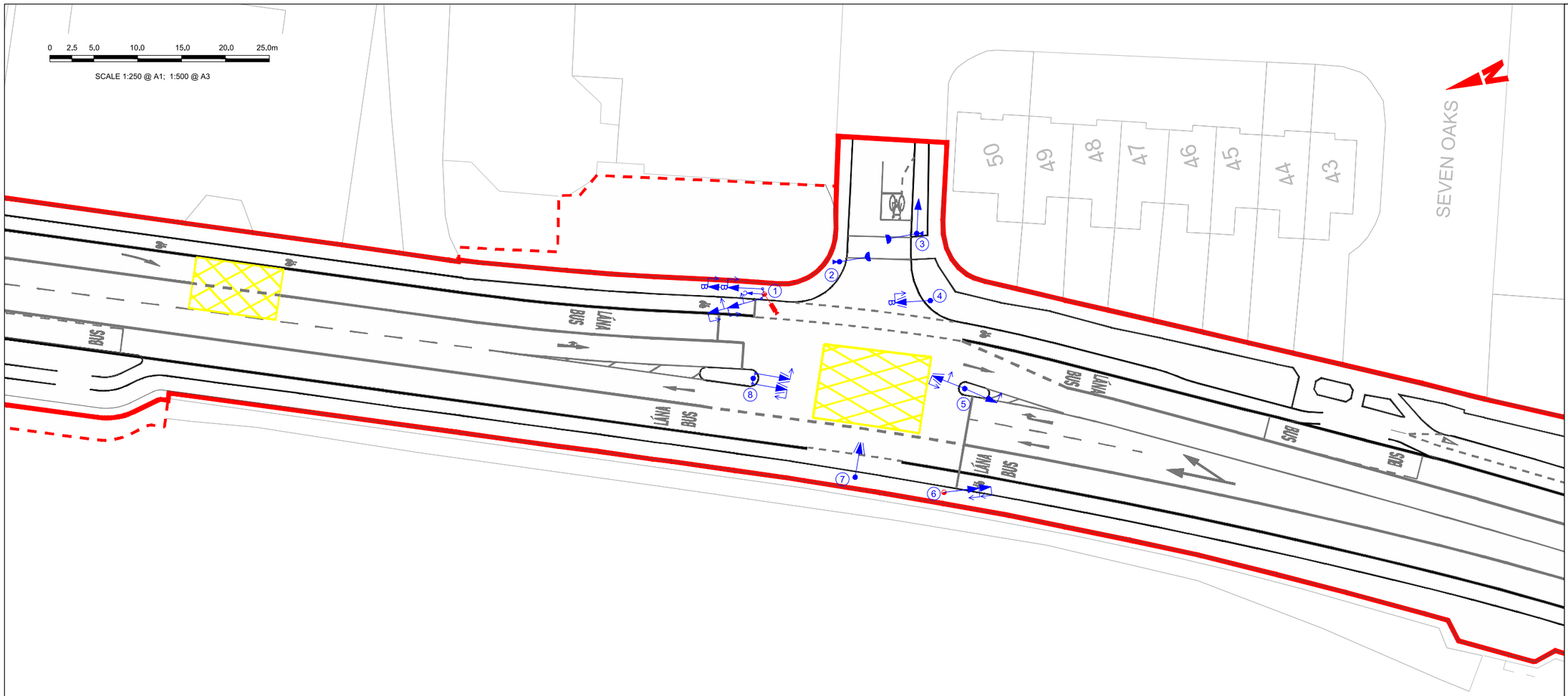


LEGEND:

TRAFFIC SIGNAL HEADS:

RTS 001

RTS 002

RTS 003

RTS 007

RPC 004

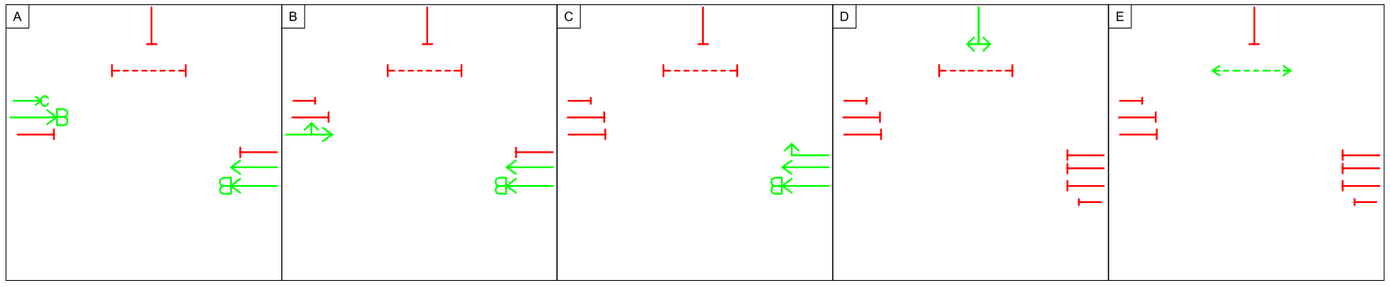
TRAFFIC SIGNAL EQUIPMENT:

- 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

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

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

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

Project Code	Originator Code	QMS Code	Drawing File Name	Sheet Number	Status	Rev
BCIDB	JAC		BCIDB-JAC-TSM_SJ -0002_XX_00 -DR-TR -0027	27 of 44	A	M01

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0 2.5 5.0 10.0 15.0 20.0 25.0m

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

BUS
BUS
EXCEPT BUSES
STOP
LÁNA BUS
LÁNA BUS
LÁNA BUS
LÁNA BUS
EXCEPT BUSES
BUS
BUS
Local Government Bld
Car Park
Whitehall Secondary School

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

A

B

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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 / GRIFFITH DOWNS PEDESTRIAN CROSSING

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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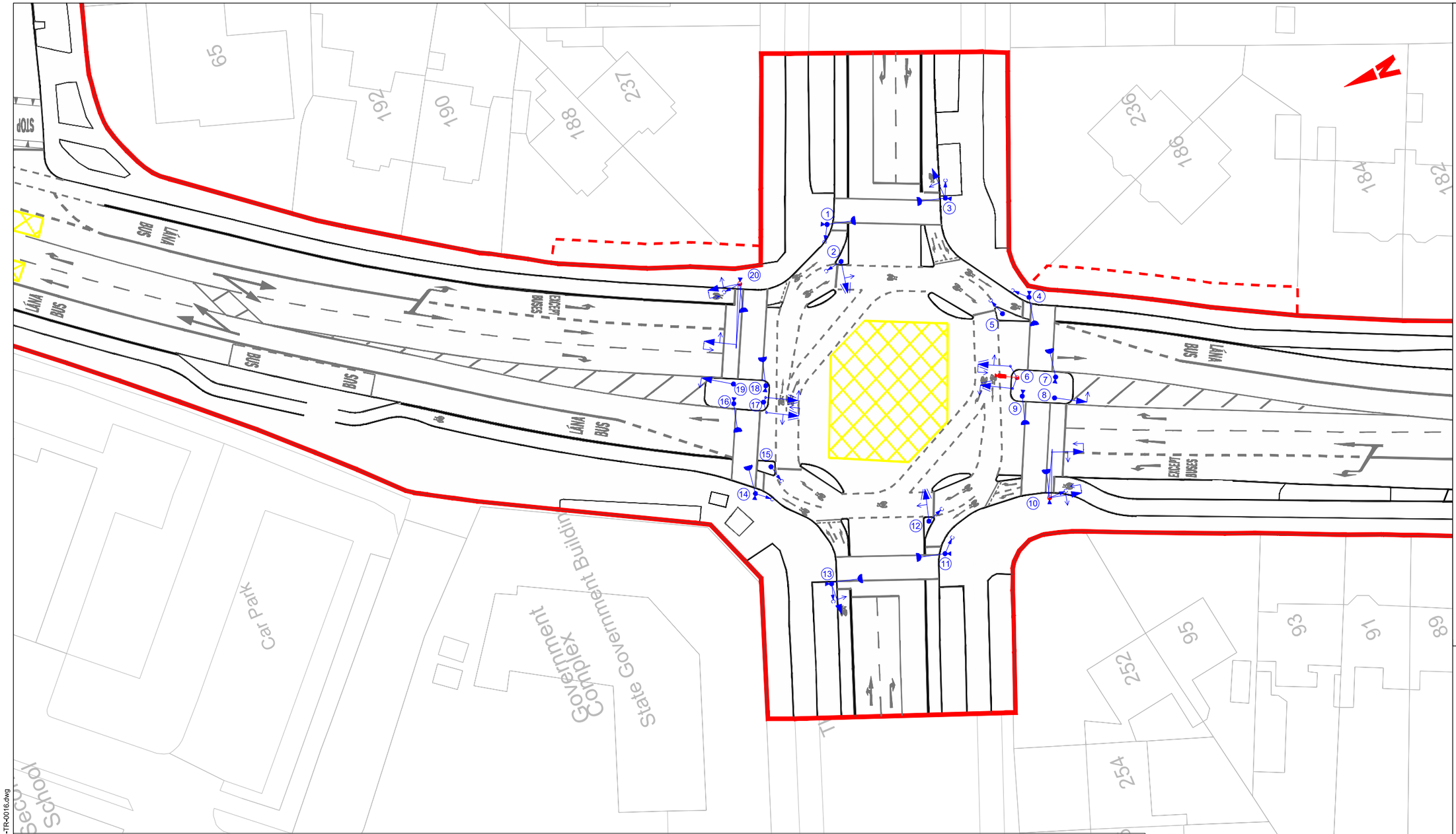


LEGEND:

TRAFFIC SIGNAL HEADS:

RTS 001

RTS 002

RTS 003

RTS 007

RPC 004

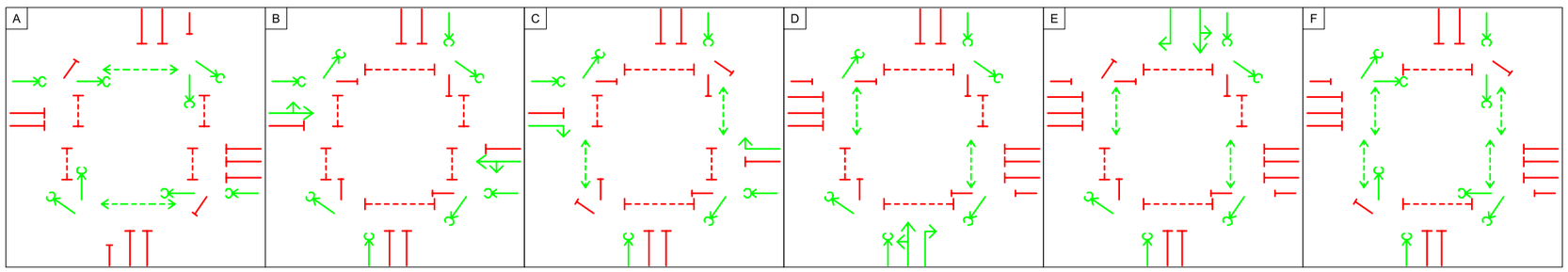
TRAFFIC SIGNAL EQUIPMENT:

- 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



0 2.5 5.0 10.0 15.0 20.0 25.0m

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

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Project Ireland 2040
Building Ireland's Future

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 / GRIFFITH AVENUE JUNCTION

Drawing File Name	Sheet Number	Status	Rev
BCIDB-JAC-TSM_SJ -0002_XX_00 -DR-TR-0029	29 of 44	A	M01

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0 2.5 5.0 10.0 15.0 20.0 25.0m

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

LÁNA BUS

HOME FARM

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

A B C D E

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Project Ireland 2040 — Building Ireland's Future

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

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

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

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

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0 2.5 5.0 10.0 15.0 20.0 25.0m

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

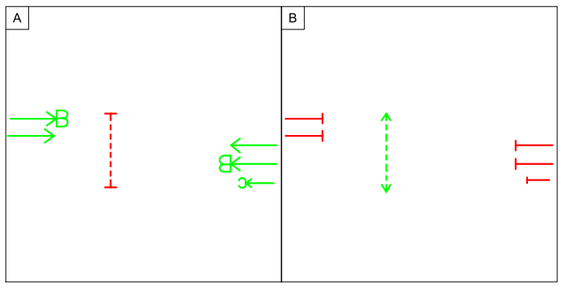
LÁNA BUS

MERGE TO NEAR LEFT

Emergency Phone

Dublin City University

INDICATIVE METHOD OF CONTROL



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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Project Ireland 2040 — Building Ireland's Future

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 / 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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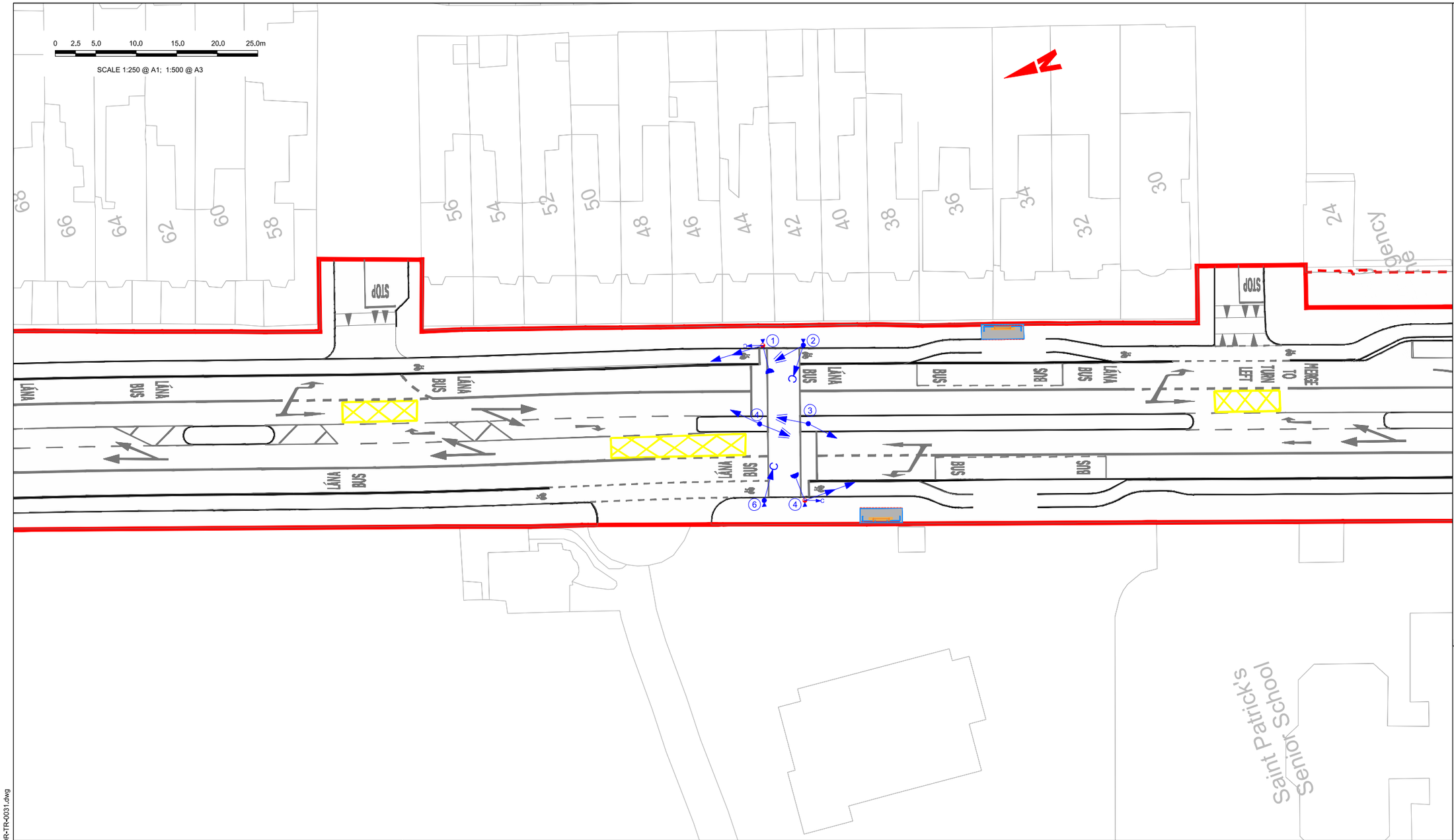


LEGEND:

TRAFFIC SIGNAL HEADS:

RTS 001

RTS 002

RTS 003

RTS 007

RPC 004

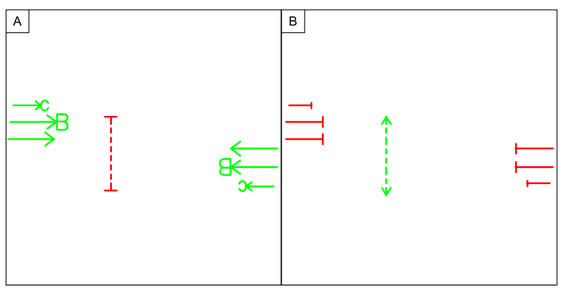
TRAFFIC SIGNAL EQUIPMENT:

- 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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Project Ireland 2040
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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 / ORMOND ROAD PEDESTRIAN CROSSING

Drawing File Name	Sheet Number	Status	Rev
BCIDB-JAC-TSM_SJ -0002_XX_00 -DR-TR -0032	32 of 44	A	M01

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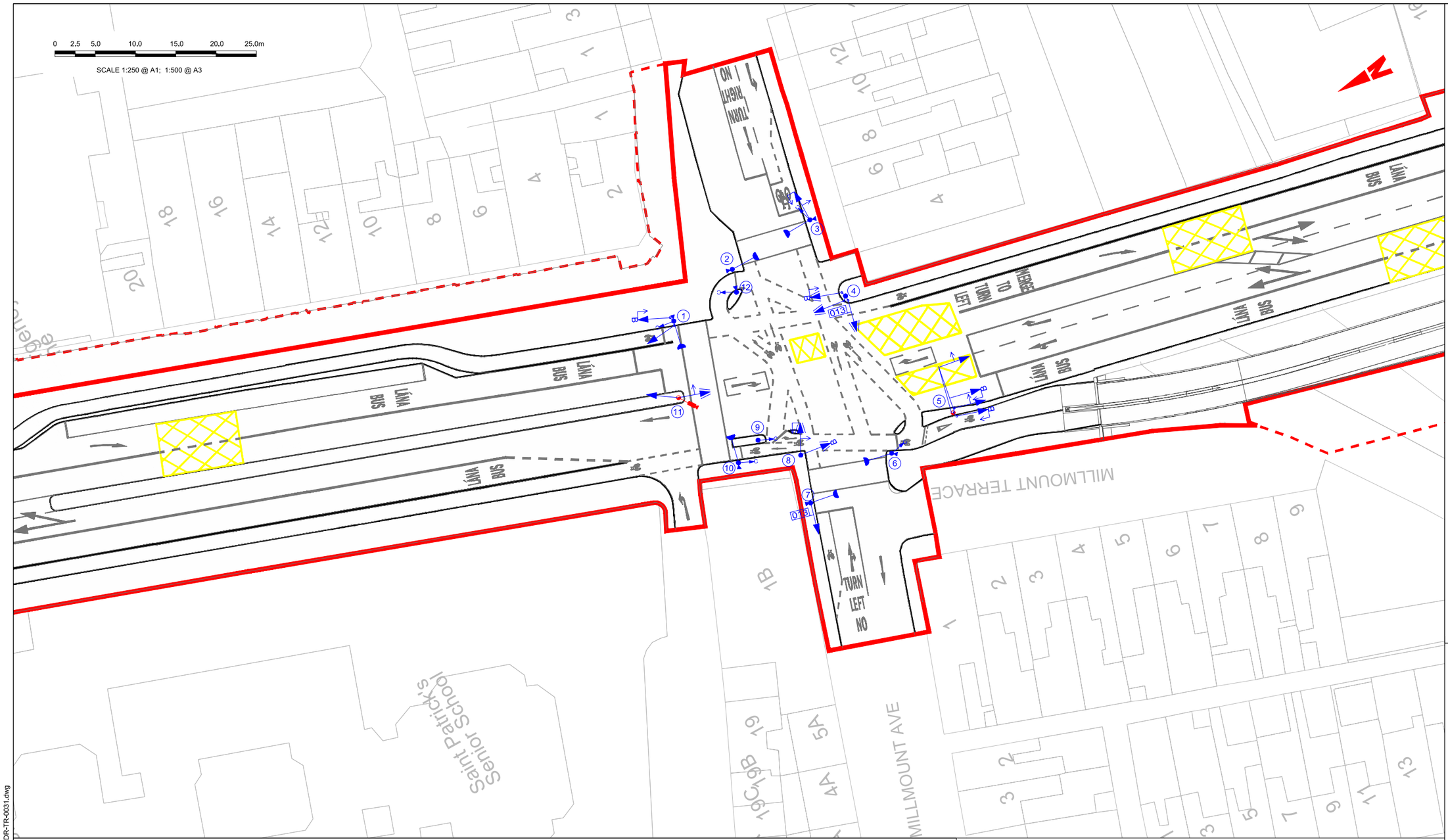
SCALE 1:250 @ A1; 1:500 @ A3



LEGEND:

TRAFFIC SIGNAL HEADS:

RTS 001

RTS 002

RTS 003

RTS 007

RPC 004

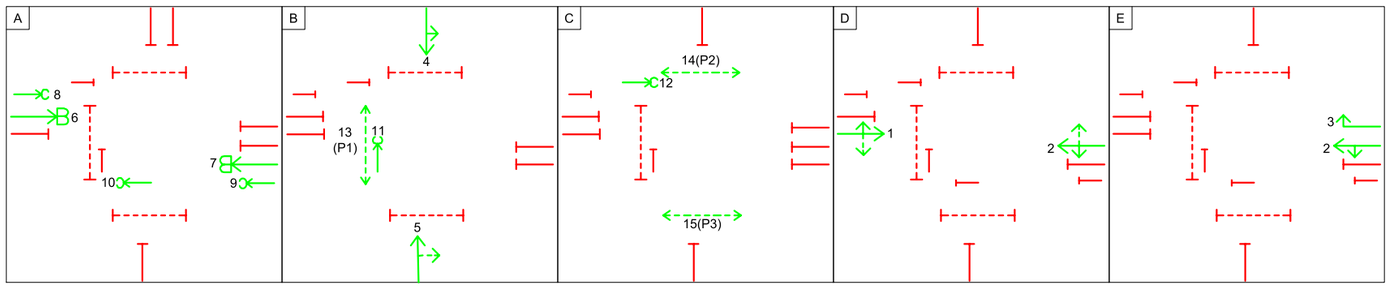
TRAFFIC SIGNAL EQUIPMENT:

- 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: NTA Údarás Náisiúnta Iompair National Transport Authority

Engineering Designer: Jacobs

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 / RICHMOND ROAD / MILLMOUNT AVENUE JUNCTION

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

Project Code	Originator Code	QMS Code	Drawing File Name	Sheet Number	Status	Rev
BCIDB	JAC		BCIDB-JAC-TSM_SJ -0002_XX_00 -DR-TR -0033	33 of 44	A	M01

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0 2.5 5.0 10.0 15.0 20.0 25.0m

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

LÁNA BUS

MERGE TO TURN LEFT

Statue

VICTORIA LANE

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

A: 8, 6, 7, 9

D: 5, 4

E: 10 (P1), 11(P2)

B: 1, 2

C: 1, 3

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Project Ireland 2040
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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

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 / BOTANIC AVENUE / CIAN PARK JUNCTION

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

Project Code	Originator Code	QMS Code	Drawing File Name	Sheet Number	Status	Rev
BCIDB	JAC		BCIDB-JAC-TSM_SJ -0002_XX_00 -DR-TR-0034	34 of 44	A	M01

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0 2.5 5.0 10.0 15.0 20.0 25.0m

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

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

A B C D E F

A B

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Project Ireland 2040
Building Ireland's Future

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

Programme Title: BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS

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

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

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

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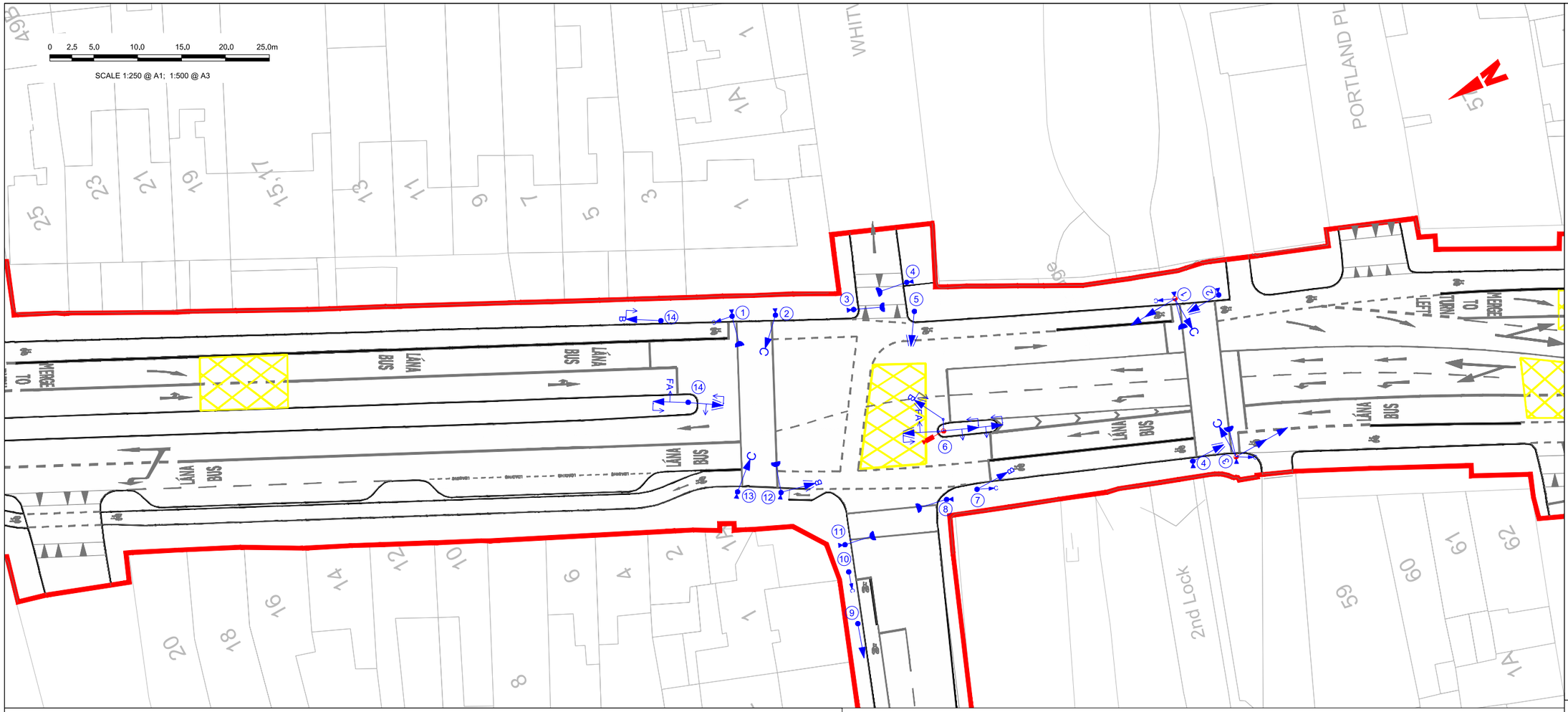


LEGEND:

TRAFFIC SIGNAL HEADS:

RTS 001

RTS 002

RTS 003

RTS 007

RPC 004

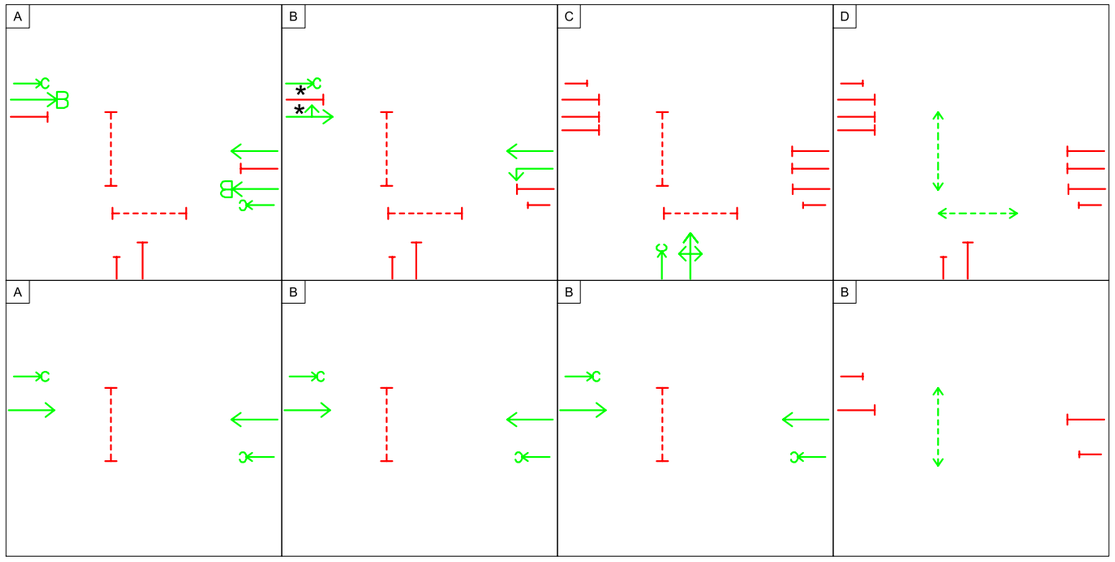
TRAFFIC SIGNAL EQUIPMENT:

- 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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Project Ireland 2040
Building Ireland's Future

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

Programme Title: **BUSCONNECTS DUBLIN 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

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

Project Code	Originator Code	QMS Code	Drawing File Name	Sheet Number	Status	Rev
BCIDB	JAC		BCIDB-JAC-TSM_SJ -0002_XX_00 -DR-TR -0036	36 of 44	A	M01

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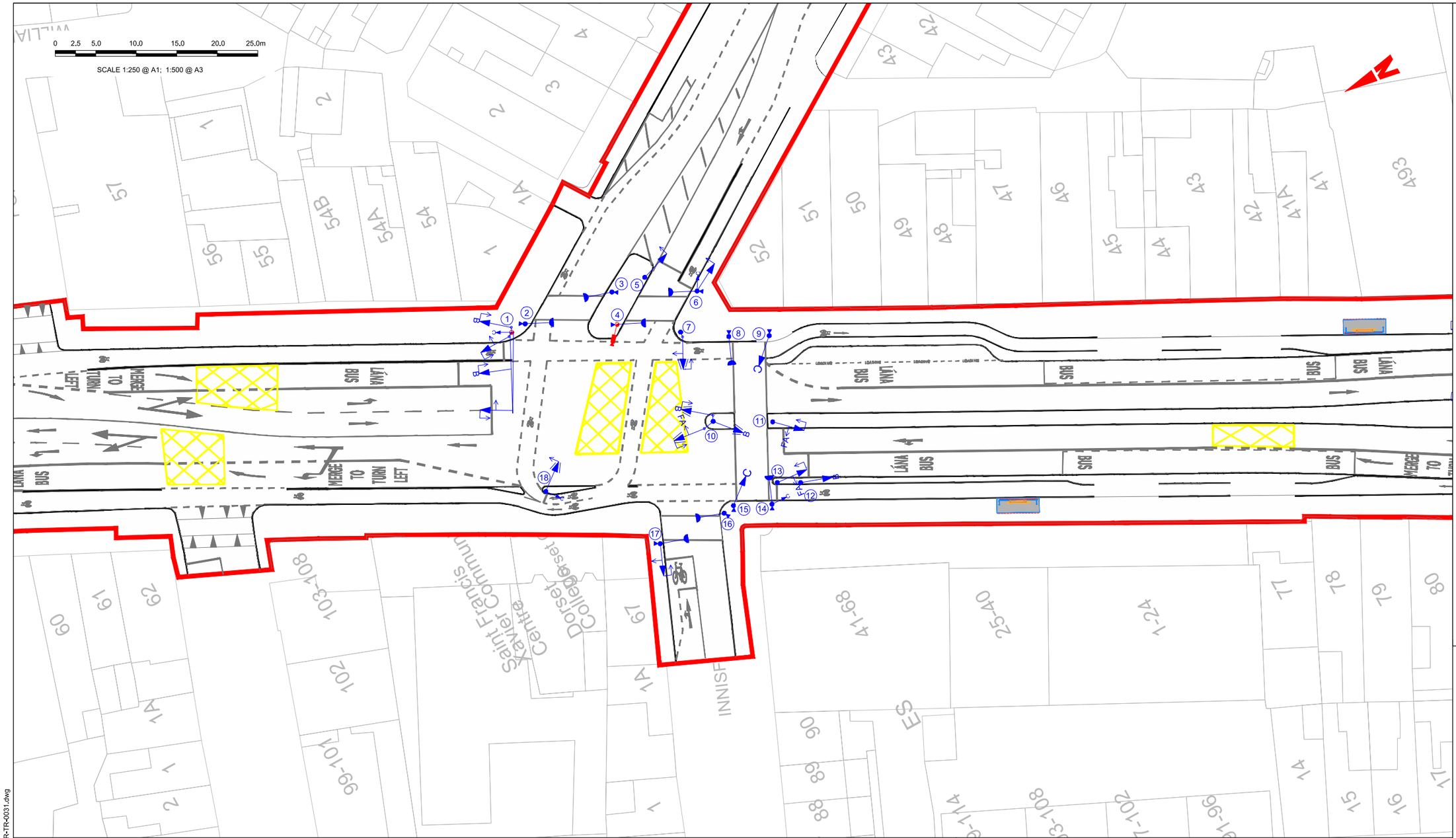


LEGEND:

TRAFFIC SIGNAL HEADS:

RTS 001

RTS 002

RTS 003

RTS 007

RPC 004

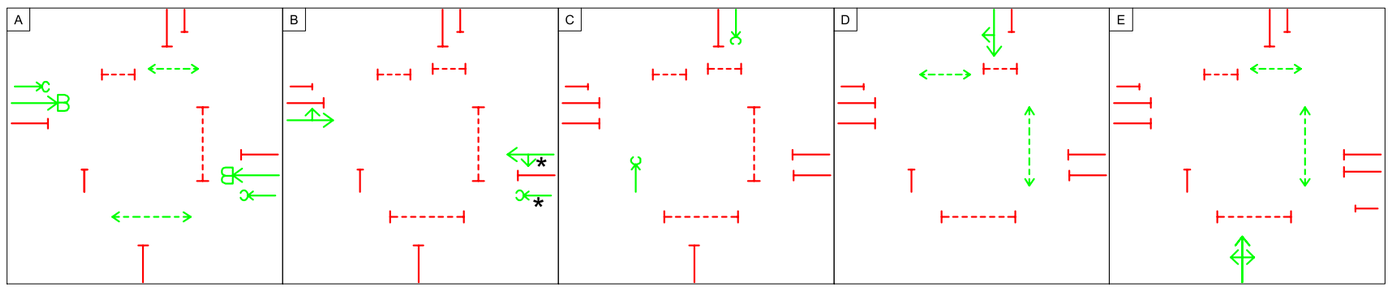
TRAFFIC SIGNAL EQUIPMENT:

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

GENERAL:

- SITE BOUNDARY LINE
- TEMPORARY LAND ACQUISITION

INDICATIVE METHOD OF CONTROL



* DENOTES FLASHING AMBER

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Project Ireland 2040
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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

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

Drawing Title: SWORDS TO CITY CENTRE CORE BUS CORRIDOR SCHEME
JUNCTION SYSTEM DESIGN
DORSET STREET LOWER / BELVIDERE ROAD / INNISFALLIN PARADE JUNCTION

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

Project Code	Originator Code	QMS Code	Drawing File Name	Sheet Number	Status	Rev
BCIDB	JAC		BCIDB-JAC-TSM_SJ -0002_XX_00 -DR-TR-0037	37 of 44	A	M01

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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

A B C D E F

* DENOTES FLASHING AMBER

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Project Ireland 2040
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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

Programme Title: BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS

Drawing Title: SWORDS TO CITY CENTRE CORE BUS CORRIDOR SCHEME JUNCTION SYSTEM DESIGN DORSET STREET LOWER / NORTH CIRCULAR ROAD JUNCTION

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

Project Code	Originator Code	QMS Code	Drawing File Name	Sheet Number	Status	Rev
BCIDB	JAC		BCIDB-JAC-TSM_SJ -0002_XX_00 -DR-TR-0038	38 of 44	A	M01

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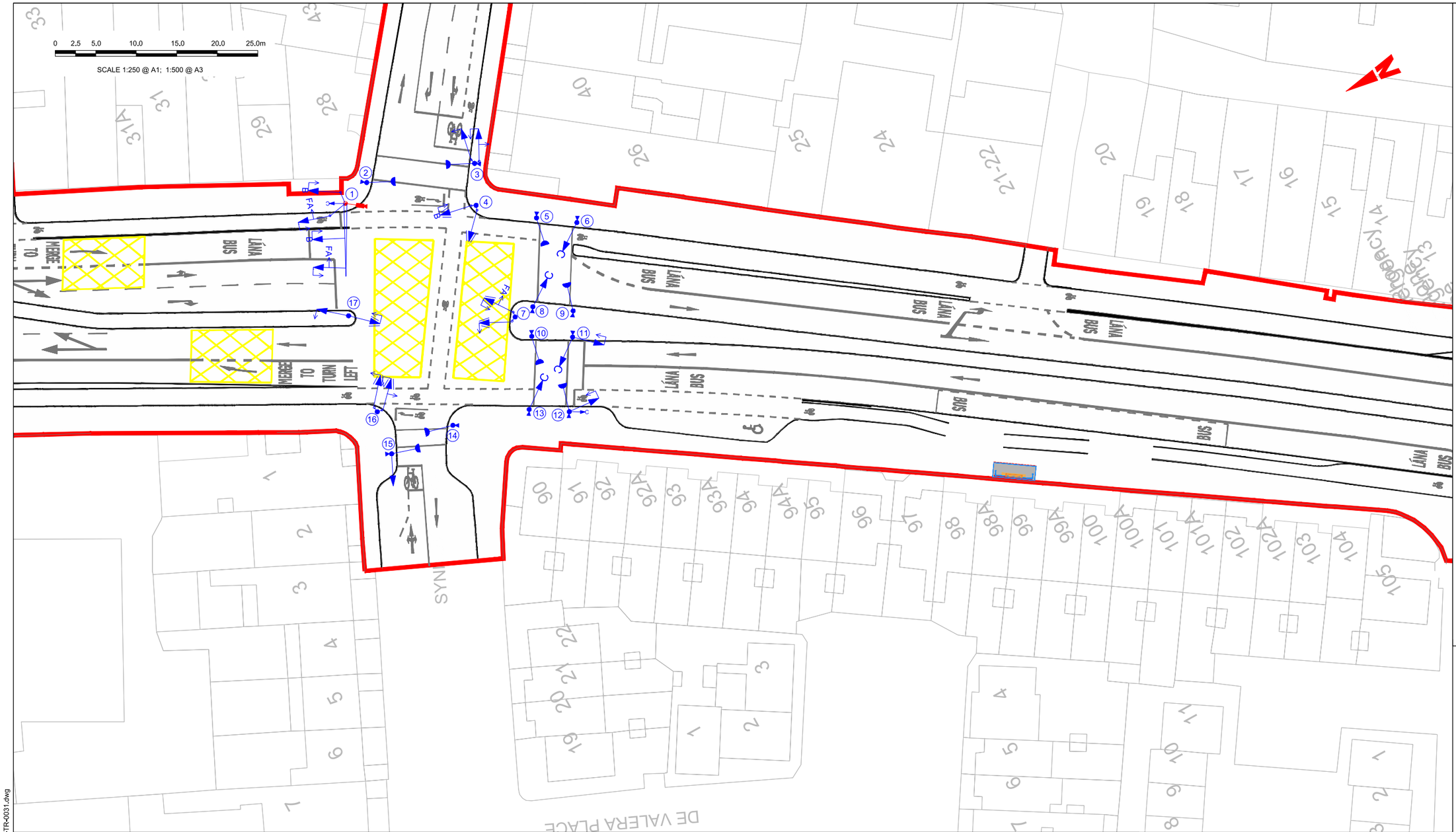
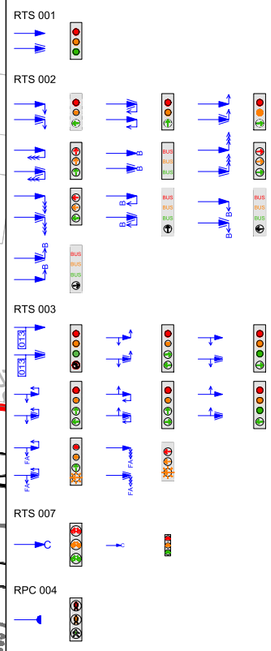


LEGEND:

TRAFFIC SIGNAL HEADS:



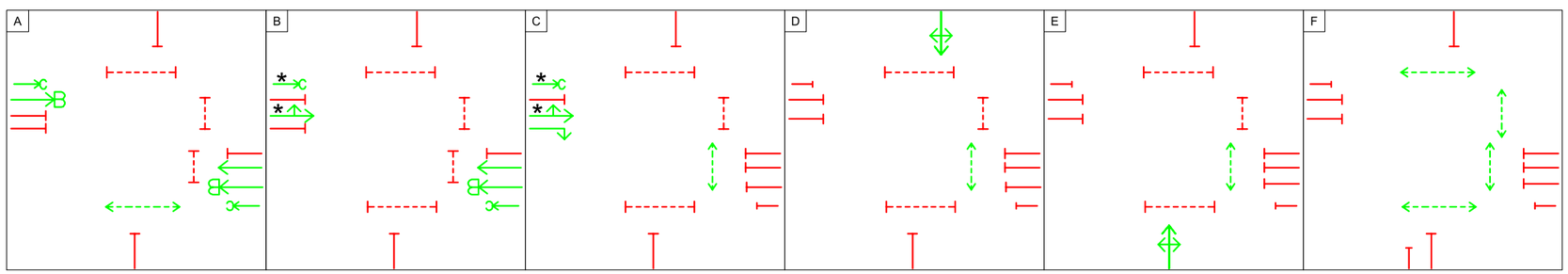
TRAFFIC SIGNAL EQUIPMENT:

- 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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Building Ireland's Future

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

Programme Title: BUSCONNECTS DUBLIN
CORE BUS CORRIDORS INFRASTRUCTURE WORKS

Drawing Title: SWORDS TO CITY CENTRE CORE BUS CORRIDOR SCHEME
JUNCTION SYSTEM DESIGN
DORSET STREET LOWER / SYNOTT PLACE JUNCTION

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

Project Code	Originator Code	QMS Code	Drawing File Name	Sheet Number	Status	Rev
BCIDB	JAC		BCIDB-JAC-TSM_SJ -0002_XX_00 -DR-TR -0039	39 of 44	A	M01

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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

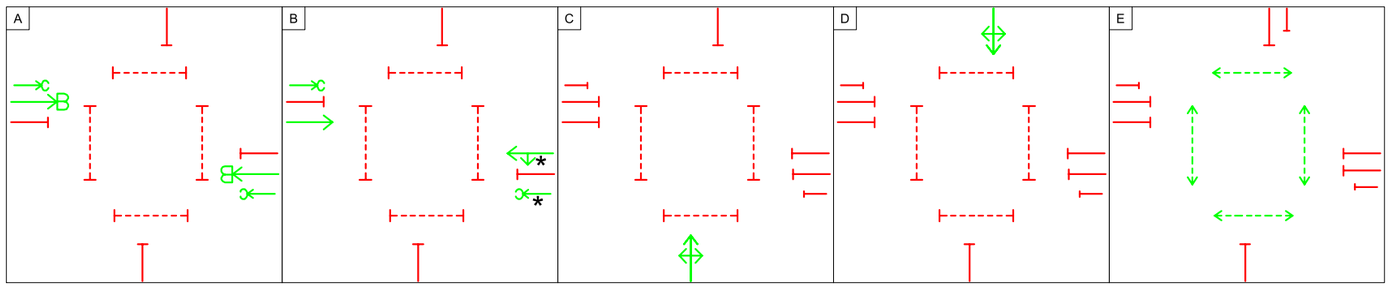
TRAFFIC SIGNAL EQUIPMENT:

- 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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Project Ireland 2040
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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

Programme Title: BUSCONNECTS DUBLIN
CORE BUS CORRIDORS INFRASTRUCTURE WORKS

Drawing Title: SWORDS TO CITY CENTRE CORE BUS CORRIDOR SCHEME
JUNCTION SYSTEM DESIGN
DORSET STREET UPPER / ECCLES STREET JUNCTION

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

Project Code	Originator Code	QMS Code	Drawing File Name	Sheet Number	Status	Rev
BCIDB	JAC		BCIDB-JAC-TSM_SJ -0002_XX_00 -DR-TR-0040	40 of 44	A	M01

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

CCTV ON EXISTING COLUMN TO BE RETAINED

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

A B C D E F

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Project Ireland 2040
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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

Programme Title: BUSCONNECTS DUBLIN
CORE BUS CORRIDORS INFRASTRUCTURE WORKS

Drawing Title: SWORDS TO CITY CENTRE CORE BUS CORRIDOR SCHEME
JUNCTION SYSTEM DESIGN
DORSET STREET UPPER / BLESSINGTON STREET / NORTH FREDRICK STREET JUNCTION

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

Project Code	Originator Code	QMS Code	Drawing File Name	Sheet Number	Status	Rev
BCIDB	JAC		BCIDB-JAC-TSM_SJ -0002_XX_00 -DR-TR-0041	41 of 44	A	M01

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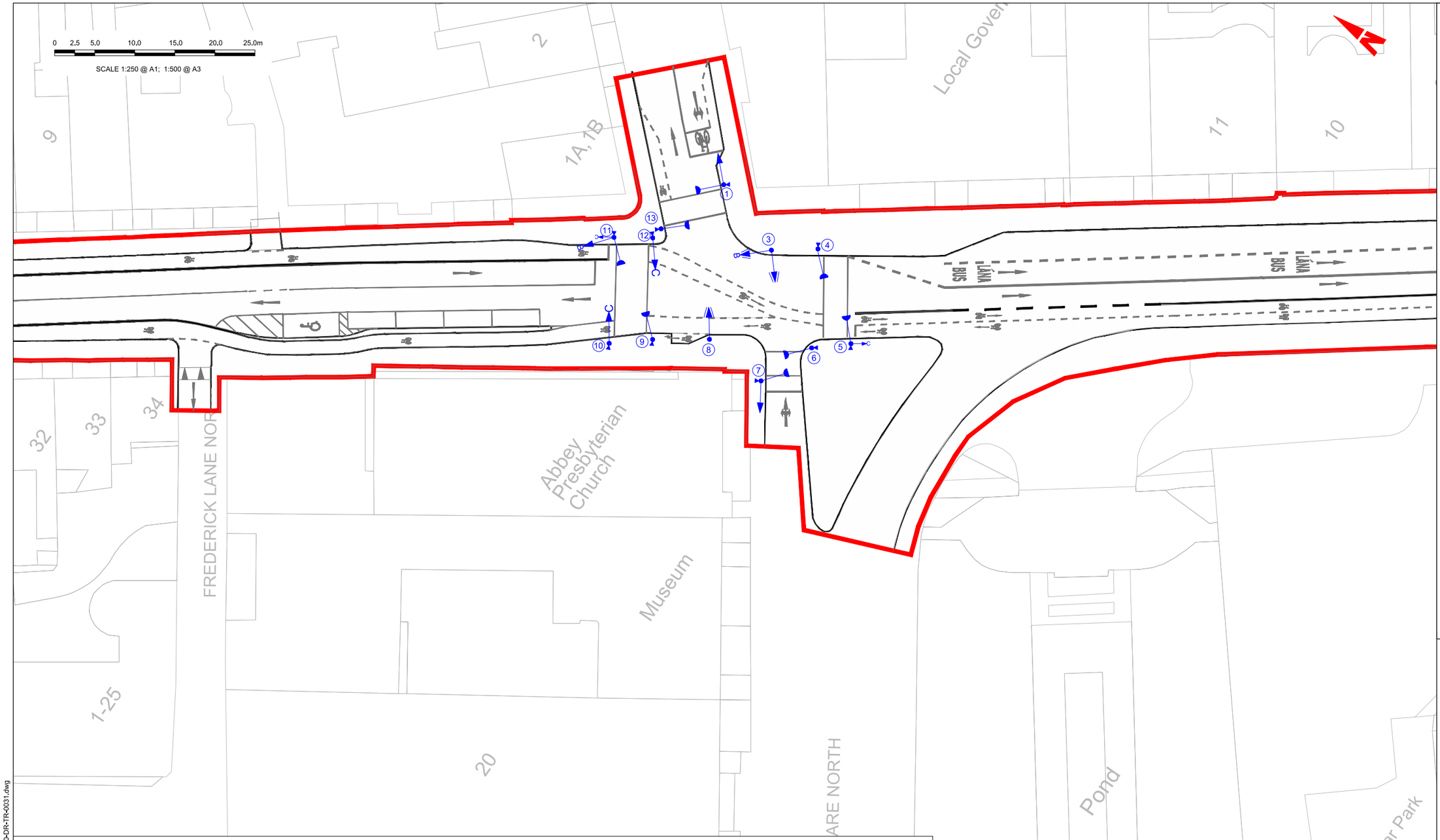


LEGEND:

TRAFFIC SIGNAL HEADS:

RTS 001

RTS 002

RTS 003

RTS 007

RPC 004

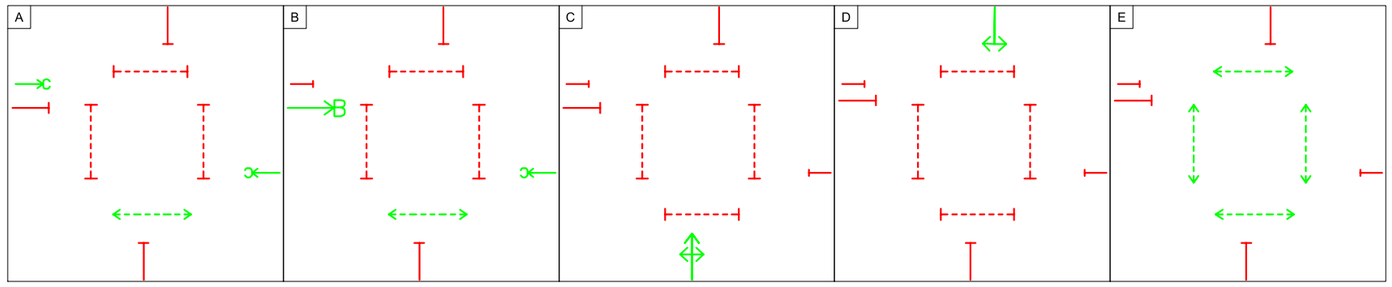
TRAFFIC SIGNAL EQUIPMENT:

- 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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Project Ireland 2040
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Client: NTA Údarás Náisiúnta Iompair National Transport Authority

Engineering Designer: Jacobs

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

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

Project Code	Originator Code	QMS Code	Drawing File Name	Sheet Number	Status	Rev
BCIDB	JAC		BCIDB-JAC-TSM_SJ -0002_XX_00 -DR-TR -0042	42 of 44	A	M01

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

LÁNA BUS

SAINT MA

Amharclann Choláiste Mhuire

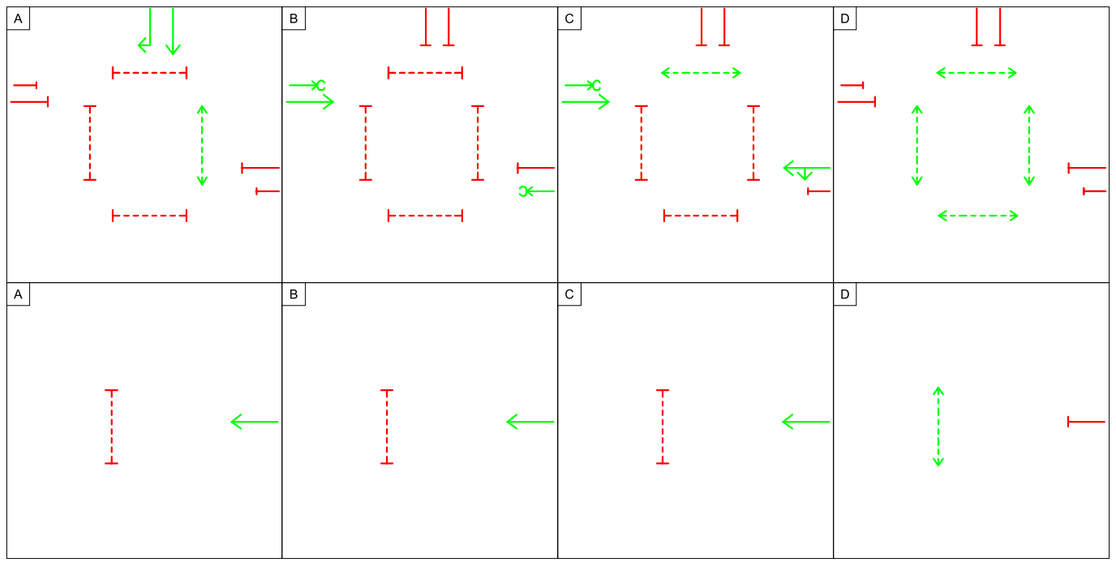
Granby House

GRANBY LANE

Talbot House

1 2 3 4 5 6,7 13 14 16-21 31 32 1-12 118 120

INDICATIVE METHOD OF CONTROL



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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Project Ireland 2040
Building Ireland's Future

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

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

Drawing Title: SWORDS TO CITY CENTRE CORE BUS CORRIDOR SCHEME
JUNCTION SYSTEM DESIGN
DORSET STREET UPPER / GRANBY ROW / ST. MARY'S PLACE JUNCTION

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

Project Code	Originator Code	QMS Code	Drawing File Name	Sheet Number	Status	Rev
BCIDB	JAC		BCIDB-JAC-TSM_SJ -0002_XX_00 -DR-TR -0043	43 of 44	A	M01

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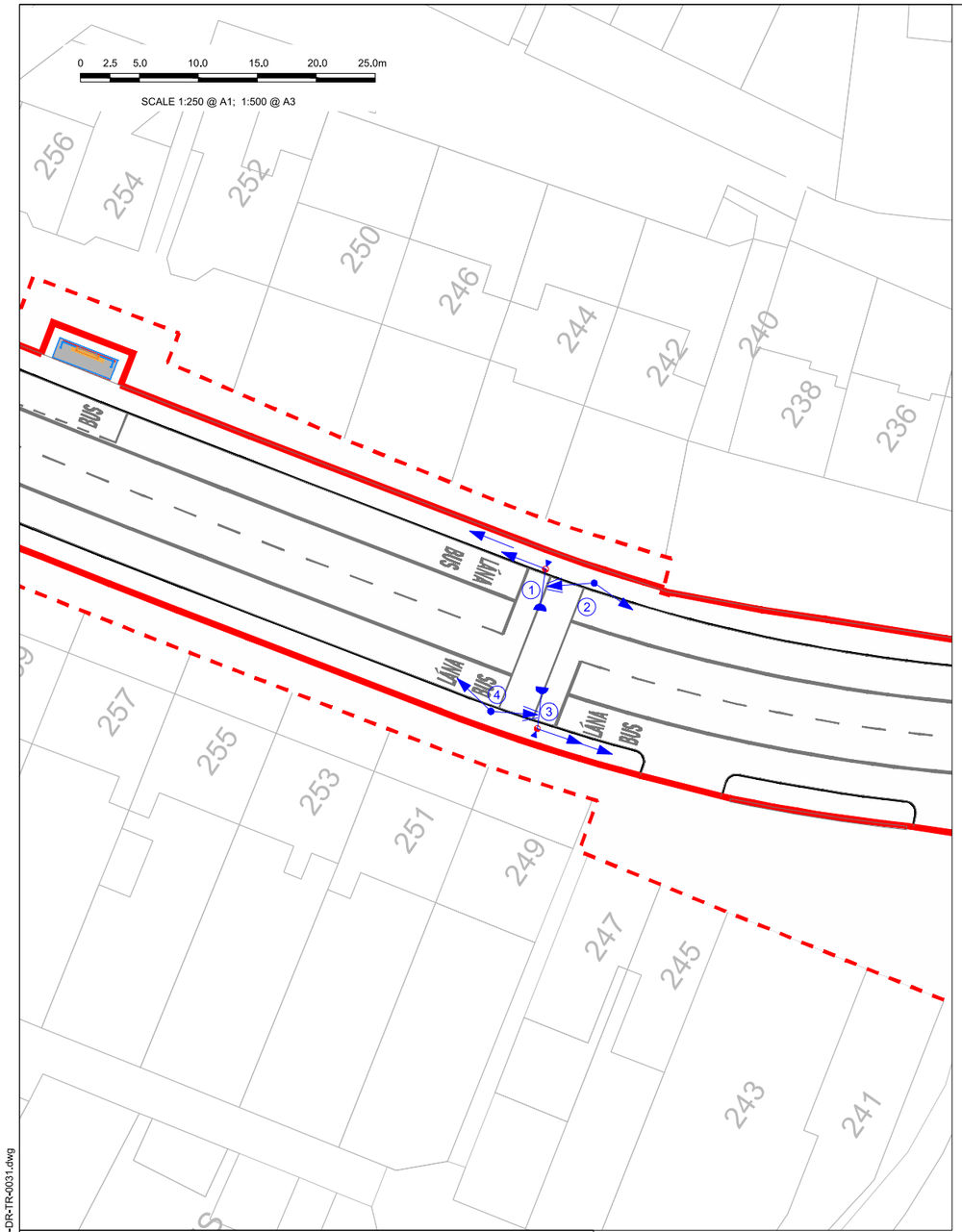

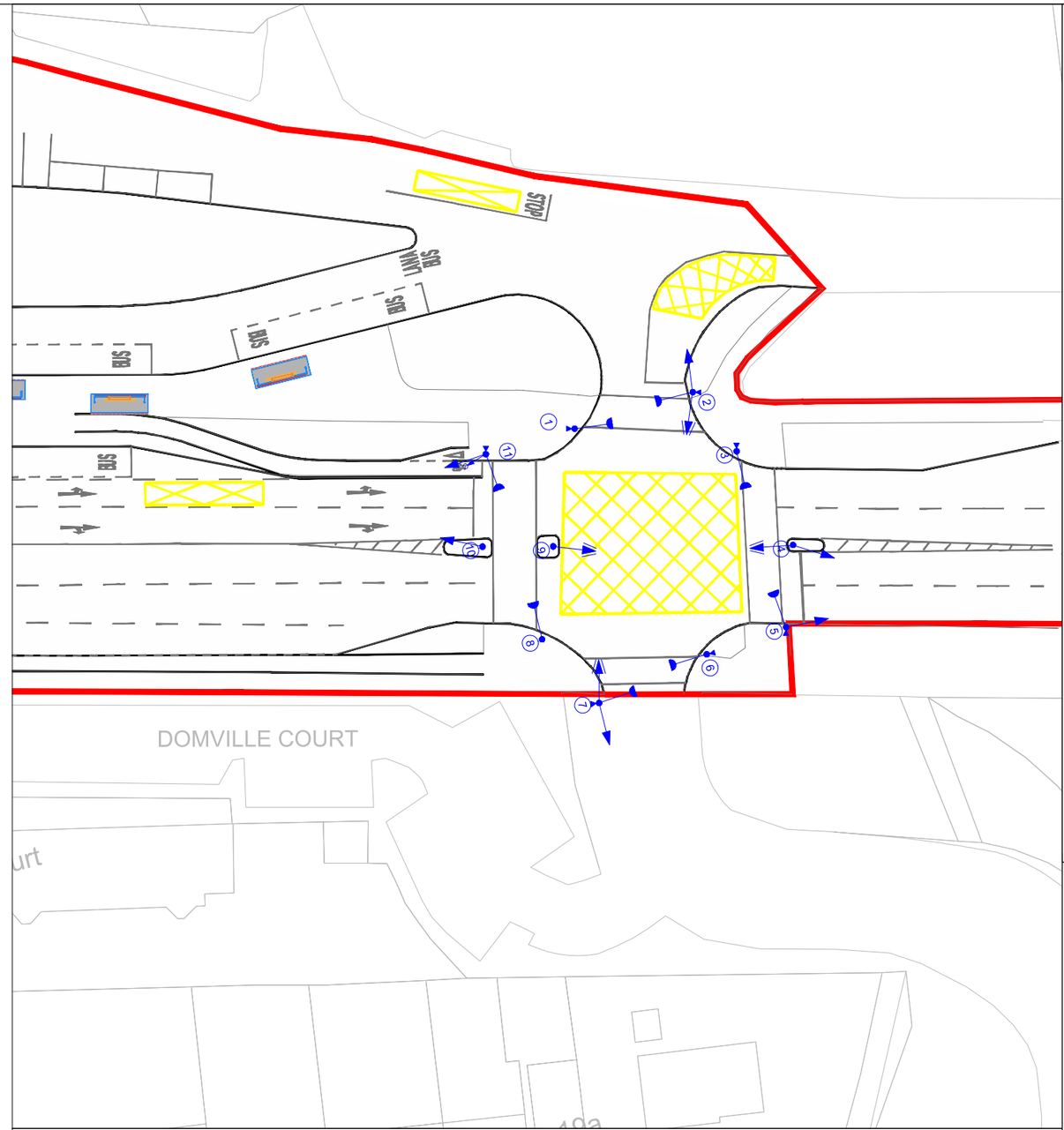

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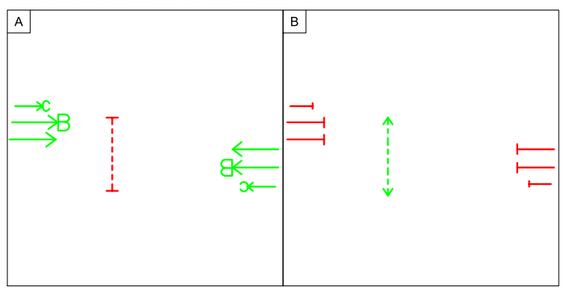
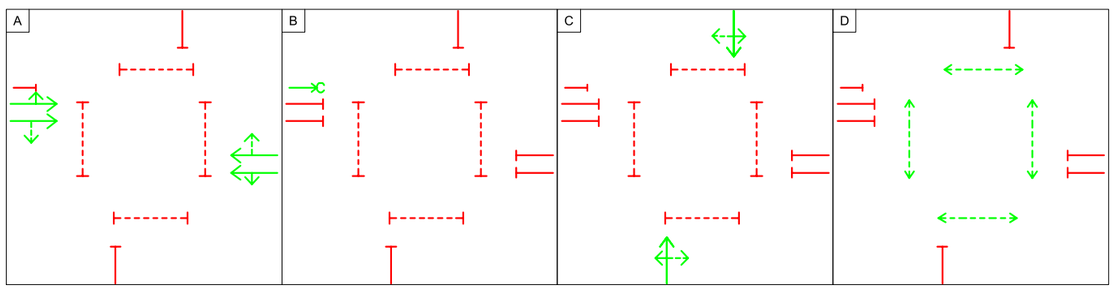
INDICATIVE METHOD OF CONTROL



INDICATIVE METHOD OF CONTROL



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JUNCTION SYSTEM DESIGN
SANTRY VILLAGE PEDESTRIAN CROSSING / COOLOCK LANE-OAK AVE JUNCTION

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

Project Code	Originator Code	QMS Code	Drawing File Name	Sheet Number	Status	Rev
BCIDB	JAC		BCIDB-JAC-TSM_SJ -0002_XX_00 -DR-TR-0044	44 of 44	A	M01

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