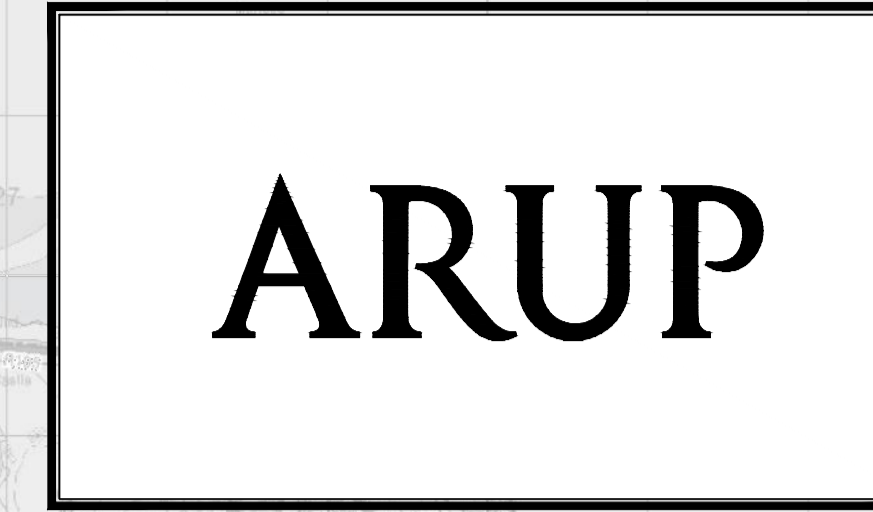




Appendix B13
ESB Asset Alterations



BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS

TEMPLEOGUE / RATHFARNHAM TO CITY CENTRE CORE BUS CORRIDOR SCHEME

ESB ASSET ALTERATIONS

DRAWING SERIES NUMBER(S)

BCIDC-ARP-UTL_IX-1012_XX_00-DR-CU-0003
 BCIDC-ARP-UTL_KP-1012_XX_00-DR-CU-0003
 BCIDC-ARP-UTL_UE-1012_XX_00-DR-CU-0001 to 0037

DRAWING SERIES DESCRIPTION

TEMPLEOGUE / RATHFARNHAM TO CITY CENTRE CORE BUS CORRIDOR SCHEME. ESB ASSET ALTERATIONS. COVER SHEET
 TEMPLEOGUE / RATHFARNHAM TO CITY CENTRE CORE BUS CORRIDOR SCHEME. ESB ASSET ALTERATIONS. KEY PLAN
 TEMPLEOGUE / RATHFARNHAM TO CITY CENTRE CORE BUS CORRIDOR SCHEME. ESB ASSET ALTERATIONS

\\global\europa\dublin\jobs\268600026840-004_Interna\4-02 Drawings\4-02 BCIDC\BCIDC\1012111 UTL\Drawings\DR\BCIDC-ARP-UTL_IX-1012_XX_00-DR-CU-0003.dwg

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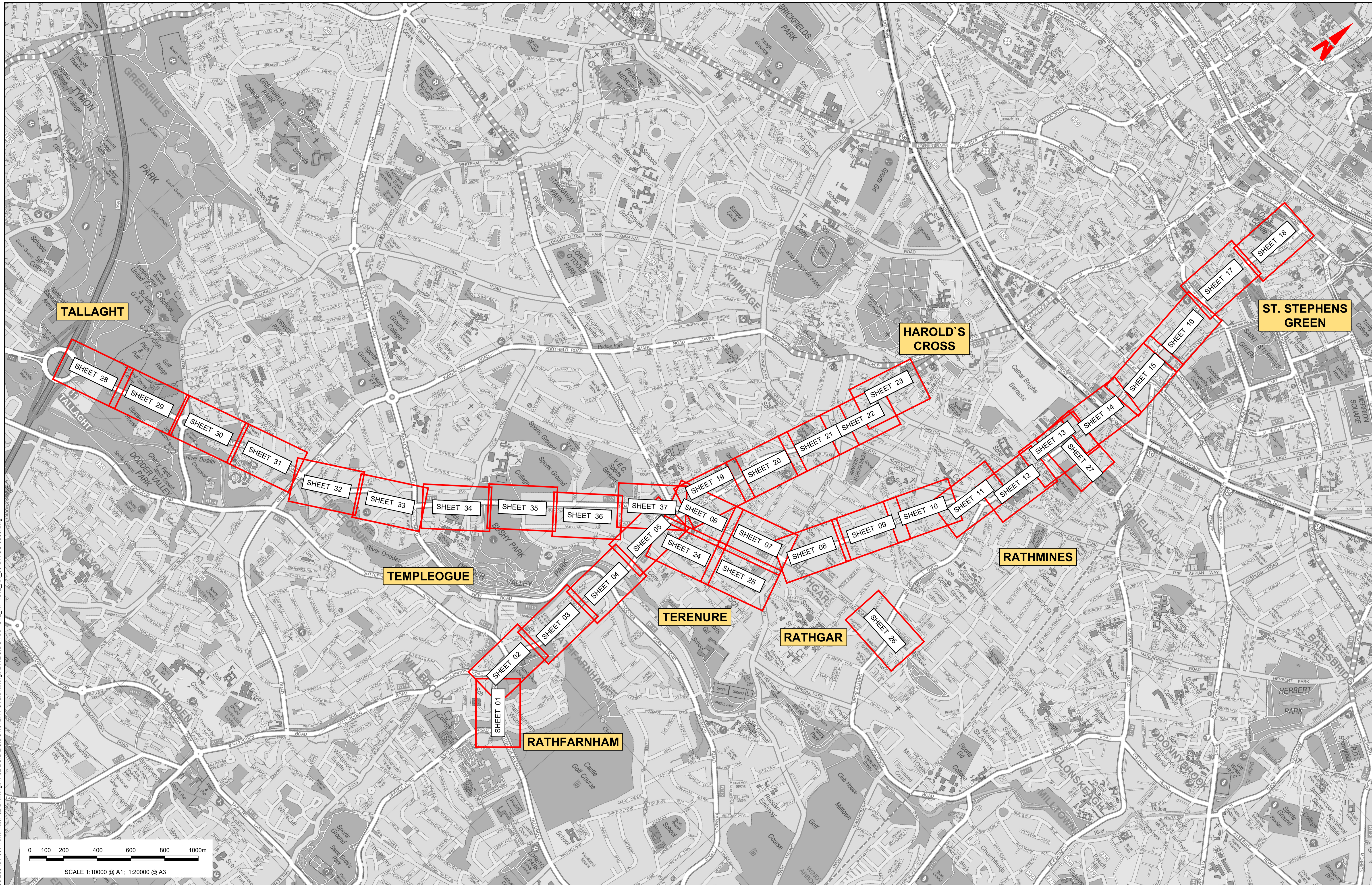


Rev	Date	Drn	Chk'd	App'd	Description
M01	27/01/2023	AG	SW	DC	ISSUE FOR PHASE 4: PLANNING

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

Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title TEMPLEOGUE / RATHFARNHAM TO CITY CENTRE CORE BUS CORRIDOR SCHEME ESB ASSET ALTERATIONS COVER SHEET			
Drawing File Name BCIDC-ARP-UTL_IX-1012_XX_00-DR-CU-0003	Sheet Number 01 of 01	Status A	Rev M01

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Client
NTA
 Údarás Náisiúnta Iompair
 National Transport Authority

Engineering Designer
ARUP

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

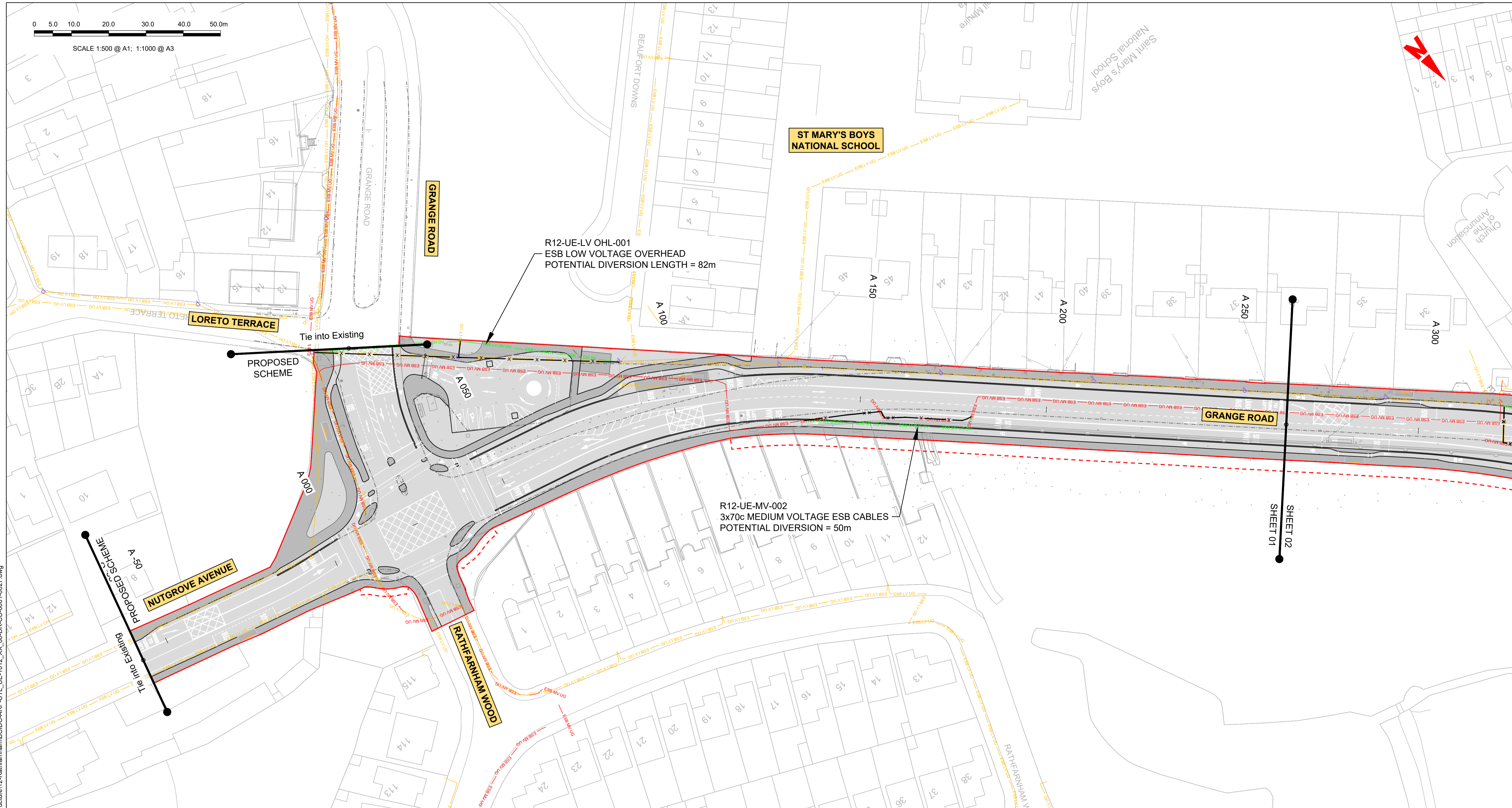
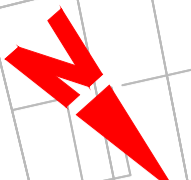
Drawing Title
 TEMPLEOGUE / RATHFARNHAM TO CITY CENTRE CORE BUS CORRIDOR SCHEME
 ESB ASSET ALTERATIONS
 KEY PLAN

Drawing File Name	Sheet Number	Status	Rev
BCIDC-ARP-UTL_KP-1012_XX_00-DR-CU-0003	01 of 01	A	M01

DO NOT SCALE USE FIGURED DIMENSIONS ONLY

0 5.0 10.0 20.0 30.0 40.0 50.0m

SCALE 1:500 @ A1; 1:1000 @ A3



R12-UE-LV-OHL-001
ESB LOW VOLTAGE OVERHEAD
POTENTIAL DIVERSION LENGTH = 82m

R12-UE-MV-002
3x70c MEDIUM VOLTAGE ESB CABLES
POTENTIAL DIVERSION = 50m

LEGEND:

	EXISTING KERB LINE		PROPOSED KERB LINE		ESB - EXISTING ELECTRICAL NETWORK TO BE DECOMMISSIONED
	ESB - HIGH VOLTAGE - EXISTING UNDERGROUND		ESB - HIGH VOLTAGE - PROPOSED UNDERGROUND DIVERSION	NOTES: 1. UTILITY LOCATIONS ARE INDICATIVE ONLY AND BASED ON UTILITY PROVIDER RECORDS	
	ESB - HIGH VOLTAGE - EXISTING OVERHEAD		ESB - HIGH VOLTAGE - PROPOSED OVERHEAD DIVERSION		
	ESB - MEDIUM VOLTAGE - EXISTING UNDERGROUND		ESB - MEDIUM VOLTAGE - PROPOSED UNDERGROUND DIVERSION		
	ESB - MEDIUM VOLTAGE - EXISTING OVERHEAD		ESB - MEDIUM VOLTAGE - PROPOSED OVERHEAD DIVERSION		
	ESB - LOW VOLTAGE - EXISTING UNDERGROUND		ESB - LOW VOLTAGE - PROPOSED UNDERGROUND DIVERSION		
	ESB - LOW VOLTAGE - EXISTING OVERHEAD		ESB - LOW VOLTAGE - PROPOSED OVERHEAD DIVERSION		
	SITE BOUNDARY LINE		TEMPORARY LAND TAKE		

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M01	27/01/2023	AG	SW	DC	ISSUE FOR PHASE 4: PLANNING

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

Engineering Designer: **ARUP**

Date: 27/01/2023 | Scale: 1:500 @ A1, 1:1000 @ A3 | Drawn: AG | Checked: SW | Approved: DC

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

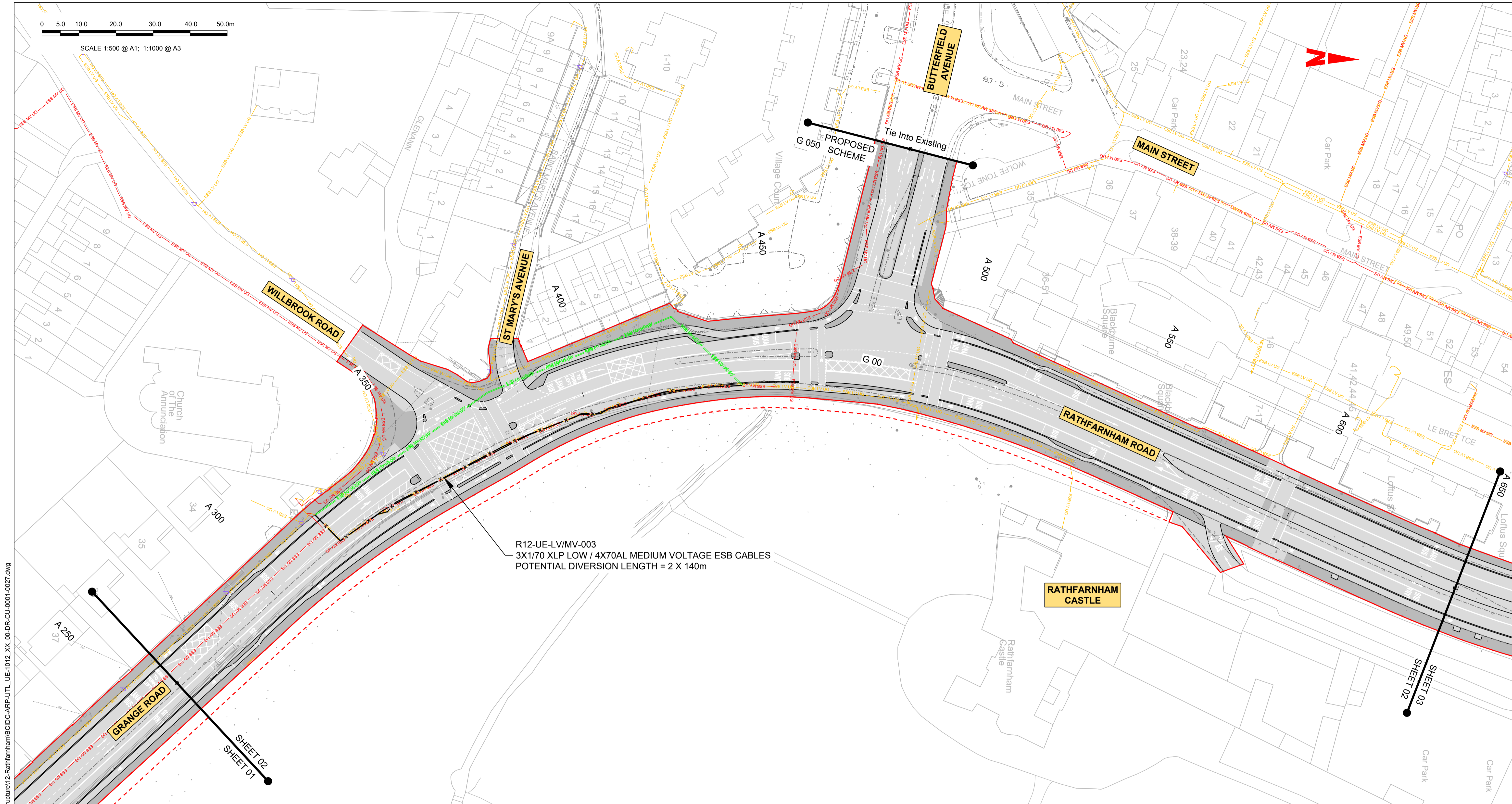
Programme Title: BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title: TEMPLEOGUE / RATHFARNHAM TO CITY CENTRE CORE BUS CORRIDOR SCHEME ESB ASSET ALTERATIONS			
Drawing File Name: BCIDC-ARP-UTL_UE-1012_XX_00-DR-CU-0001	Sheet Number: 01 of 37	Status: A	Rev: M01

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0 5.0 10.0 20.0 30.0 40.0 50.0m

SCALE 1:500 @ A1; 1:1000 @ A3



R12-UE-LV/MV-003
3X1170 XLP LOW / 4X70AL MEDIUM VOLTAGE ESB CABLES
POTENTIAL DIVERSION LENGTH = 2 X 140m

LEGEND:

	EXISTING KERB LINE		PROPOSED KERB LINE		ESB - EXISTING ELECTRICAL NETWORK TO BE DECOMMISSIONED
	ESB - HIGH VOLTAGE - EXISTING UNDERGROUND		ESB - HIGH VOLTAGE - PROPOSED UNDERGROUND DIVERSION		NOTES: 1. UTILITY LOCATIONS ARE INDICATIVE ONLY AND BASED ON UTILITY PROVIDER RECORDS
	ESB - HIGH VOLTAGE - EXISTING OVERHEAD		ESB - HIGH VOLTAGE - PROPOSED OVERHEAD DIVERSION		
	ESB - MEDIUM VOLTAGE - EXISTING UNDERGROUND		ESB - MEDIUM VOLTAGE - PROPOSED UNDERGROUND DIVERSION		
	ESB - MEDIUM VOLTAGE - EXISTING OVERHEAD		ESB - MEDIUM VOLTAGE - PROPOSED OVERHEAD DIVERSION		
	ESB - LOW VOLTAGE - EXISTING UNDERGROUND		ESB - LOW VOLTAGE - PROPOSED UNDERGROUND DIVERSION		
	ESB - LOW VOLTAGE - EXISTING OVERHEAD		ESB - LOW VOLTAGE - PROPOSED OVERHEAD DIVERSION		
	SITE BOUNDARY LINE		TEMPORARY LAND TAKE		

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M01	27/01/2023	AG	SW	DC	ISSUE FOR PHASE 4: PLANNING

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

Engineering Designer: **ARUP**

Date: 27/01/2023 | Scale: 1:500 @ A1, 1:1000 @ A3 | Drawn: AG, Checked: SW, Approved: DC

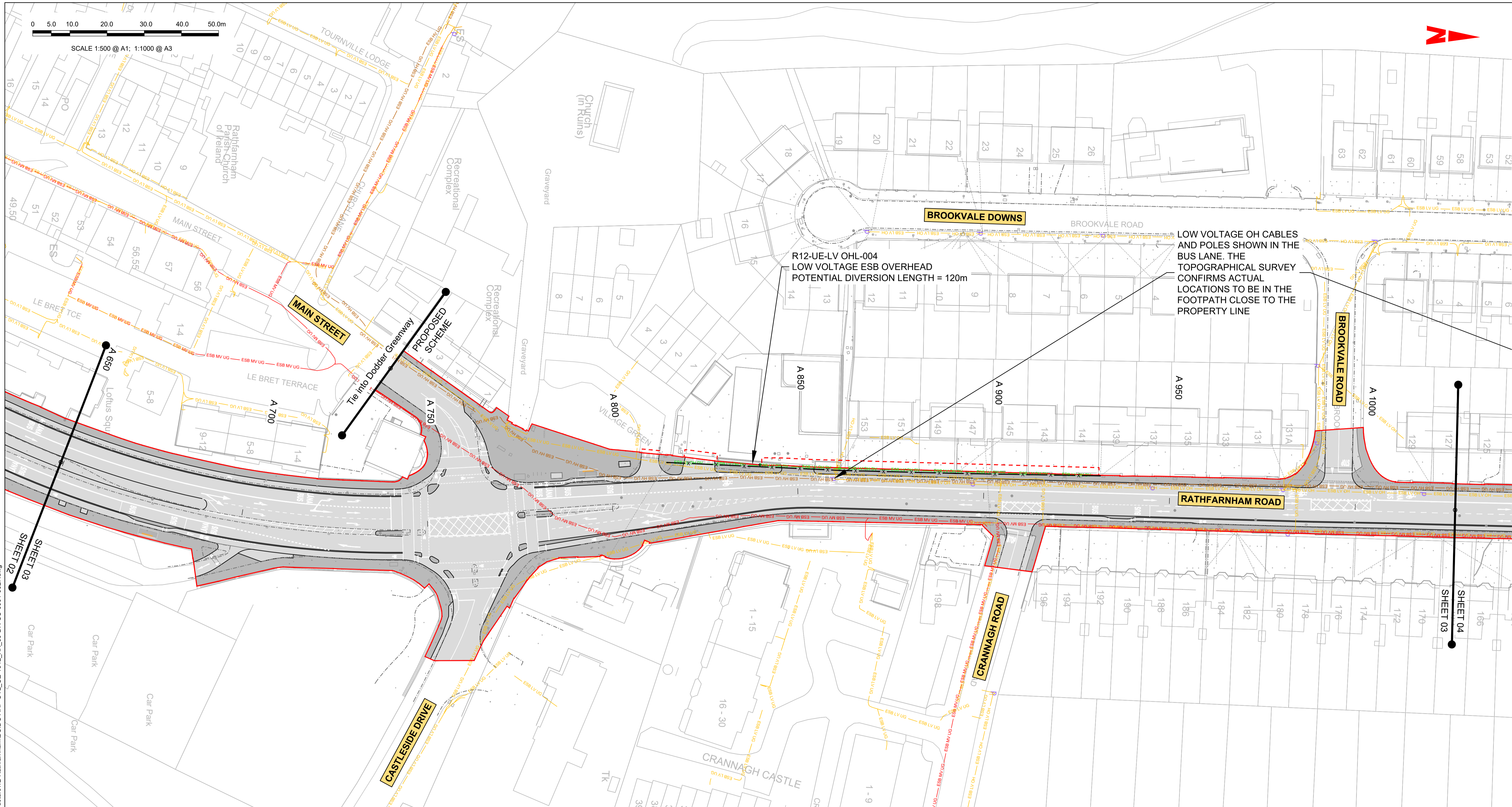
Project Code: BCIDC | Originator Code: ARP | QMS Code: 268401-00

Programme Title: BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title: TEMPLEOGUE / RATHFARNHAM TO CITY CENTRE CORE BUS CORRIDOR SCHEME ESB ASSET ALTERATIONS			
Drawing File Name: BCIDC-ARP-JTL_UE-1012_XX_00-DR-CU-0002	Sheet Number: 02 of 37	Status: A	Rev: M01

DO NOT SCALE USE FIGURED DIMENSIONS ONLY

0 5.0 10.0 20.0 30.0 40.0 50.0m

SCALE 1:500 @ A1; 1:1000 @ A3



LEGEND:

- EXISTING KERB LINE
- PROPOSED KERB LINE
- ESB - HIGH VOLTAGE - EXISTING UNDERGROUND
- ESB - HIGH VOLTAGE - EXISTING OVERHEAD
- ESB - MEDIUM VOLTAGE - EXISTING UNDERGROUND
- ESB - MEDIUM VOLTAGE - EXISTING OVERHEAD
- ESB - LOW VOLTAGE - EXISTING UNDERGROUND
- ESB - LOW VOLTAGE - EXISTING OVERHEAD
- SITE BOUNDARY LINE
- ESB - HIGH VOLTAGE - PROPOSED UNDERGROUND DIVERSION
- ESB - HIGH VOLTAGE - PROPOSED OVERHEAD DIVERSION
- ESB - MEDIUM VOLTAGE - PROPOSED UNDERGROUND DIVERSION
- ESB - MEDIUM VOLTAGE - PROPOSED OVERHEAD DIVERSION
- ESB - LOW VOLTAGE - PROPOSED UNDERGROUND DIVERSION
- ESB - LOW VOLTAGE - PROPOSED OVERHEAD DIVERSION
- TEMPORARY LAND TAKE

NOTES:

1. UTILITY LOCATIONS ARE INDICATIVE ONLY AND BASED ON UTILITY PROVIDER RECORDS

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M01	27/01/2023	AG	SW	DC	ISSUE FOR PHASE 4: PLANNING

Client



Udárás Náisiúnta Iompair
National Transport Authority

Engineering Designer



Drawn AG
Checked SW
Approved DC

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

Drawing Title
TEMPLEOGUE / RATHFARNHAM TO CITY CENTRE CORE BUS CORRIDOR SCHEME
ESB ASSET ALTERATIONS

Drawing File Name
BCIDC-ARP-UTL_UE-1012_XX_00-DR-CU-0003

Sheet Number
03 of 37

Status
A

Rev
M01

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0 50 100 200 300 400 500m

SCALE 1:500 @ A1; 1:1000 @ A3

BROOKVALE DOWNS

LOW VOLTAGE OH CABLES AND POLES SHOWN IN THE BUS LANE. THE TOPOGRAPHICAL SURVEY CONFIRMS ACTUAL LOCATIONS TO BE IN THE FOOTPATH CLOSE TO THE PROPERTY LINE

A 1050

A 1100

A 1150

A 1200

R12-UE-LV-005
2X50C LOW VOLTAGE ESB CABLE
POTENTIAL DIVERSION LENGTH = 26m

Tie into Dodder Greenway
PROPOSED SCHEME

A 1250

A 1300

R12-UE-LV-007
3X50C LOW VOLTAGE ESB CABLES
POTENTIAL DIVERSION LENGTH = 78m

A 1350

A 1400

RATHFARNHAM ROAD

RATHFARNHAM PARK

DODDER PARK ROAD

DODDER ROAD LR

R12-UE-LV-OHL-006
LOW VOLTAGE ESB OVERHEAD
POTENTIAL DIVERSION LENGTH = 53m

R12-UE-MV-008
4X120C MEDIUM VOLTAGE ESB CABLES
POTENTIAL DIVERSION LENGTH = 75m

PEARSE BRIDGE

WESTBOURNE ROAD

RIVER DODDER

LEGEND:

---	EXISTING KERB LINE	---	PROPOSED KERB LINE	-x-x-x-x-	ESB - EXISTING ELECTRICAL NETWORK TO BE DECOMMISSIONED
---	ESB - HIGH VOLTAGE - EXISTING UNDERGROUND	---	ESB - HIGH VOLTAGE - PROPOSED UNDERGROUND DIVERSION		
---	ESB - HIGH VOLTAGE - EXISTING OVERHEAD	---	ESB - HIGH VOLTAGE - PROPOSED OVERHEAD DIVERSION		
---	ESB - MEDIUM VOLTAGE - EXISTING UNDERGROUND	---	ESB - MEDIUM VOLTAGE - PROPOSED UNDERGROUND DIVERSION		
---	ESB - MEDIUM VOLTAGE - EXISTING OVERHEAD	---	ESB - MEDIUM VOLTAGE - PROPOSED OVERHEAD DIVERSION		
---	ESB - LOW VOLTAGE - EXISTING UNDERGROUND	---	ESB - LOW VOLTAGE - PROPOSED UNDERGROUND DIVERSION		
---	ESB - LOW VOLTAGE - EXISTING OVERHEAD	---	ESB - LOW VOLTAGE - PROPOSED OVERHEAD DIVERSION		
---	SITE BOUNDARY LINE	---	TEMPORARY LAND TAKE		

NOTES:

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M01	27/01/2023	AG	SW	DC	ISSUE FOR PHASE 4: PLANNING

Client
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 National Transport Authority

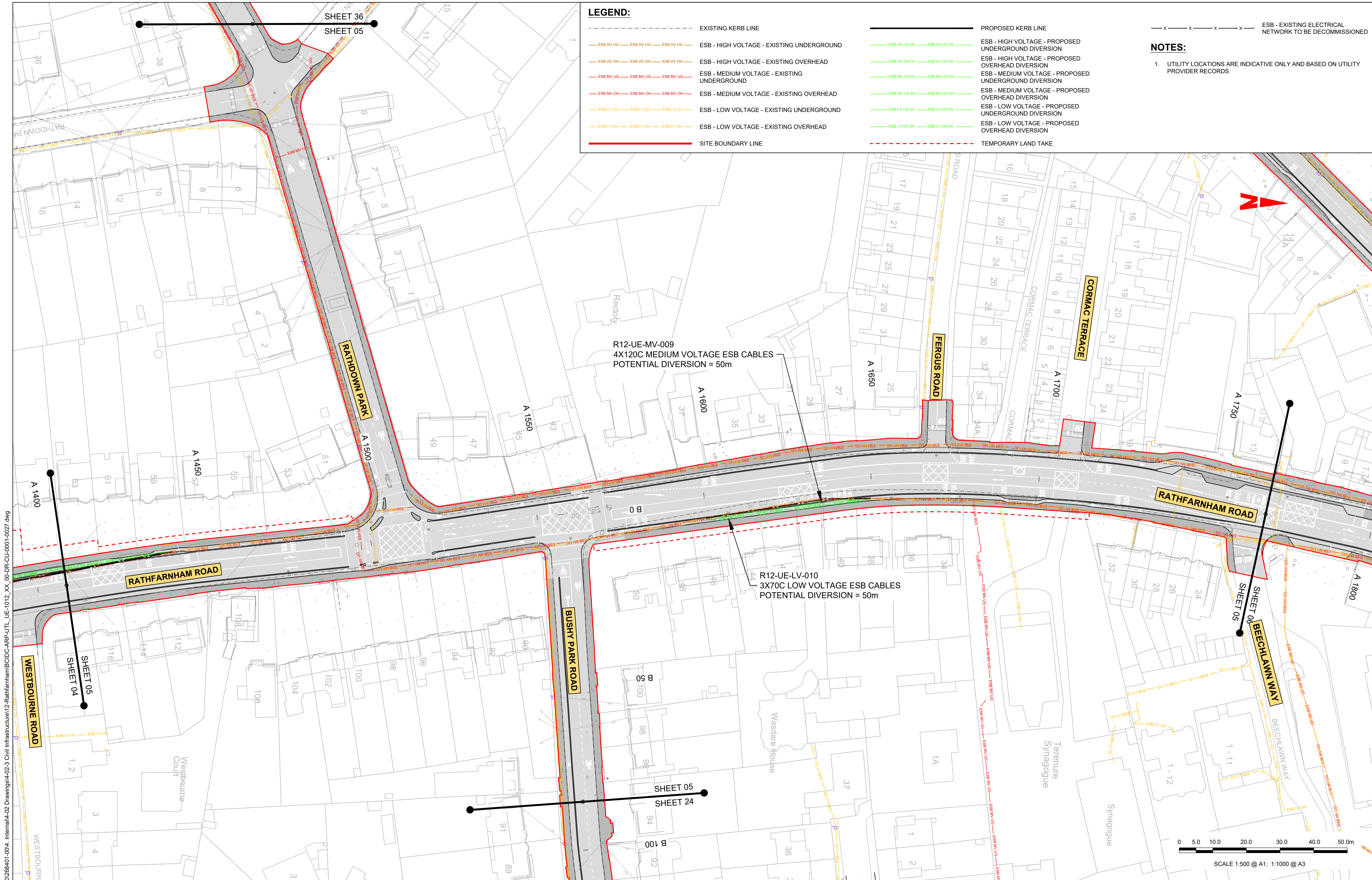
Engineering Designer
ARUP

Date	Scale	Drawn	Checked	Approved
27/01/2023	1:500 @ A1 1:1000 @ A3	AG	SW	DC

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

Drawing Title
 TEMPLEOGUE / RATHFARNHAM TO CITY CENTRE CORE BUS CORRIDOR SCHEME
 ESB ASSET ALTERATIONS

Drawing File Name	Sheet Number	Status	Rev
BCIDC-ARP-UTL_UE-1012_XX_00-DR-CU-004	04 of 37	A	M01



LEGEND:

- EXISTING KERB LINE
- PROPOSED KERB LINE
- ESB - EXISTING ELECTRICAL NETWORK TO BE DECOMMISSIONED
- ESB HV UG --- ESB HV UG --- ESB HV UG --- ESB - HIGH VOLTAGE - EXISTING UNDERGROUND
- ESB HV OH --- ESB HV OH --- ESB HV OH --- ESB - HIGH VOLTAGE - EXISTING OVERHEAD
- ESB MV UG --- ESB MV UG --- ESB MV UG --- ESB - MEDIUM VOLTAGE - EXISTING UNDERGROUND
- ESB MV OH --- ESB MV OH --- ESB MV OH --- ESB - MEDIUM VOLTAGE - EXISTING OVERHEAD
- ESB LV UG --- ESB LV UG --- ESB LV UG --- ESB - LOW VOLTAGE - EXISTING UNDERGROUND
- ESB LV OH --- ESB LV OH --- ESB LV OH --- ESB - LOW VOLTAGE - EXISTING OVERHEAD
- SITE BOUNDARY LINE
- ESB HV UG DV --- ESB HV UG DV --- ESB - HIGH VOLTAGE - PROPOSED UNDERGROUND DIVERSION
- ESB HV OH DV --- ESB HV OH DV --- ESB - HIGH VOLTAGE - PROPOSED OVERHEAD DIVERSION
- ESB MV UG DV --- ESB MV UG DV --- ESB - MEDIUM VOLTAGE - PROPOSED UNDERGROUND DIVERSION
- ESB MV OH DV --- ESB MV OH DV --- ESB - MEDIUM VOLTAGE - PROPOSED OVERHEAD DIVERSION
- ESB LV UG DV --- ESB LV UG DV --- ESB - LOW VOLTAGE - PROPOSED UNDERGROUND DIVERSION
- ESB LV OH DV --- ESB LV OH DV --- ESB - LOW VOLTAGE - PROPOSED OVERHEAD DIVERSION
- TEMPORARY LAND TAKE

NOTES:

1. UTILITY LOCATIONS ARE INDICATIVE ONLY AND BASED ON UTILITY PROVIDER RECORDS

R12-UE-MV-009
4X120C MEDIUM VOLTAGE ESB CABLES
POTENTIAL DIVERSION = 50m

R12-UE-LV-010
3X70C LOW VOLTAGE ESB CABLES
POTENTIAL DIVERSION = 50m

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Project Ireland 2040
Building Ireland's Future

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

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

Date: 27/01/2023
Scale: 1:500 @ A1
1:1000 @ A3

Project Code: BCIDC
Originator Code: ARP

Engineering Designer: **ARUP**

Drawn	Checked	Approved
AG	SW	DC

QMS Code: 268401-00

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

Drawing Title: TEMPLEOGUE / RATHFARNHAM TO CITY CENTRE CORE BUS CORRIDOR SCHEME
ESB ASSET ALTERATIONS

Drawing File Name: BCIDC-ARP-JTL_UE-1012_XX_00-DR-CU-0005
Sheet Number: 05 of 37
Status: A
Rev: M01

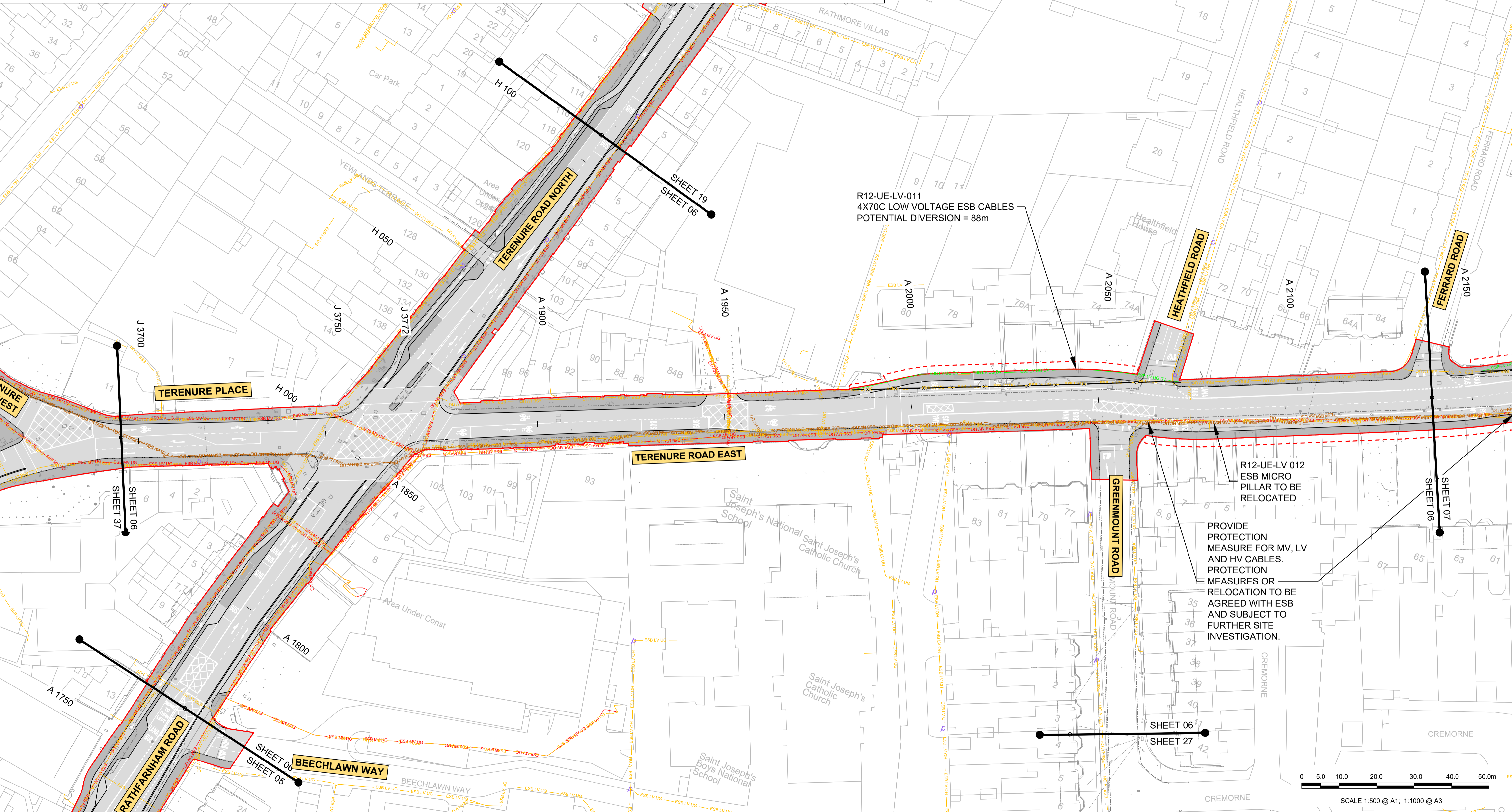
DO NOT SCALE USE FIGURED DIMENSIONS ONLY

LEGEND:

	EXISTING KERB LINE		PROPOSED KERB LINE		ESB - EXISTING ELECTRICAL NETWORK TO BE DECOMMISSIONED
	ESB - HIGH VOLTAGE - EXISTING UNDERGROUND		ESB - HIGH VOLTAGE - PROPOSED UNDERGROUND DIVERSION		
	ESB - HIGH VOLTAGE - EXISTING OVERHEAD		ESB - HIGH VOLTAGE - PROPOSED OVERHEAD DIVERSION		
	ESB - MEDIUM VOLTAGE - EXISTING UNDERGROUND		ESB - MEDIUM VOLTAGE - PROPOSED UNDERGROUND DIVERSION		
	ESB - MEDIUM VOLTAGE - EXISTING OVERHEAD		ESB - MEDIUM VOLTAGE - PROPOSED OVERHEAD DIVERSION		
	ESB - LOW VOLTAGE - EXISTING UNDERGROUND		ESB - LOW VOLTAGE - PROPOSED UNDERGROUND DIVERSION		
	ESB - LOW VOLTAGE - EXISTING OVERHEAD		ESB - LOW VOLTAGE - PROPOSED OVERHEAD DIVERSION		
	SITE BOUNDARY LINE		TEMPORARY LAND TAKE		

NOTES:

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M01	27/01/2023	AG	SW	DC	ISSUE FOR PHASE 4: PLANNING

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

Engineering Designer: **ARUP**

Date: 27/01/2023 | Scale: 1:500 @ A1, 1:1000 @ A3 | Drawn: AG | Checked: SW | Approved: DC

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

Programme Title: BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title: TEMPLEOGUE / RATHFARNHAM TO CITY CENTRE CORE BUS CORRIDOR SCHEME ESB ASSET ALTERATIONS			
Drawing File Name: BCIDC-ARP-UTL_UE-1012_XX_00-DR-CU-0006	Sheet Number: 06 of 37	Status: A	Rev: M01

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SCALE 1:500 @ A1; 1:1000 @ A3



R12-UE-MV-014
2X 3X70C MEDIUM VOLTAGE ESB CABLES
POTENTIAL DIVERSION = 18m

R12-UE-LV-013
2X 4X120C LOW VOLTAGE ESB CABLES
POTENTIAL DIVERSION = 2 X 115m

LEGEND:

--- (dashed line)	EXISTING KERB LINE	--- (dashed line)	PROPOSED KERB LINE	- x - x - x - x -	ESB - EXISTING ELECTRICAL NETWORK TO BE DECOMMISSIONED
--- (orange line)	ESB - HIGH VOLTAGE - EXISTING UNDERGROUND	--- (green line)	ESB - HIGH VOLTAGE - PROPOSED UNDERGROUND DIVERSION		
--- (orange line)	ESB - HIGH VOLTAGE - EXISTING OVERHEAD	--- (green line)	ESB - HIGH VOLTAGE - PROPOSED OVERHEAD DIVERSION		
--- (red line)	ESB - MEDIUM VOLTAGE - EXISTING UNDERGROUND	--- (green line)	ESB - MEDIUM VOLTAGE - PROPOSED UNDERGROUND DIVERSION		
--- (red line)	ESB - MEDIUM VOLTAGE - EXISTING OVERHEAD	--- (green line)	ESB - MEDIUM VOLTAGE - PROPOSED OVERHEAD DIVERSION		
--- (yellow line)	ESB - LOW VOLTAGE - EXISTING UNDERGROUND	--- (green line)	ESB - LOW VOLTAGE - PROPOSED UNDERGROUND DIVERSION		
--- (yellow line)	ESB - LOW VOLTAGE - EXISTING OVERHEAD	--- (green line)	ESB - LOW VOLTAGE - PROPOSED OVERHEAD DIVERSION		
--- (red line)	SITE BOUNDARY LINE	--- (dashed line)	TEMPORARY LAND TAKE		

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M01	27/01/2023	AG	SW	DC	ISSUE FOR PHASE 4: PLANNING

Date	Scale	Drawn	Checked	Approved
27/01/2023	1:500 @ A1 1:1000 @ A3	AG	SW	DC
Project Code	Originator Code	QMS Code	268401-00	
BCIDC	ARP			

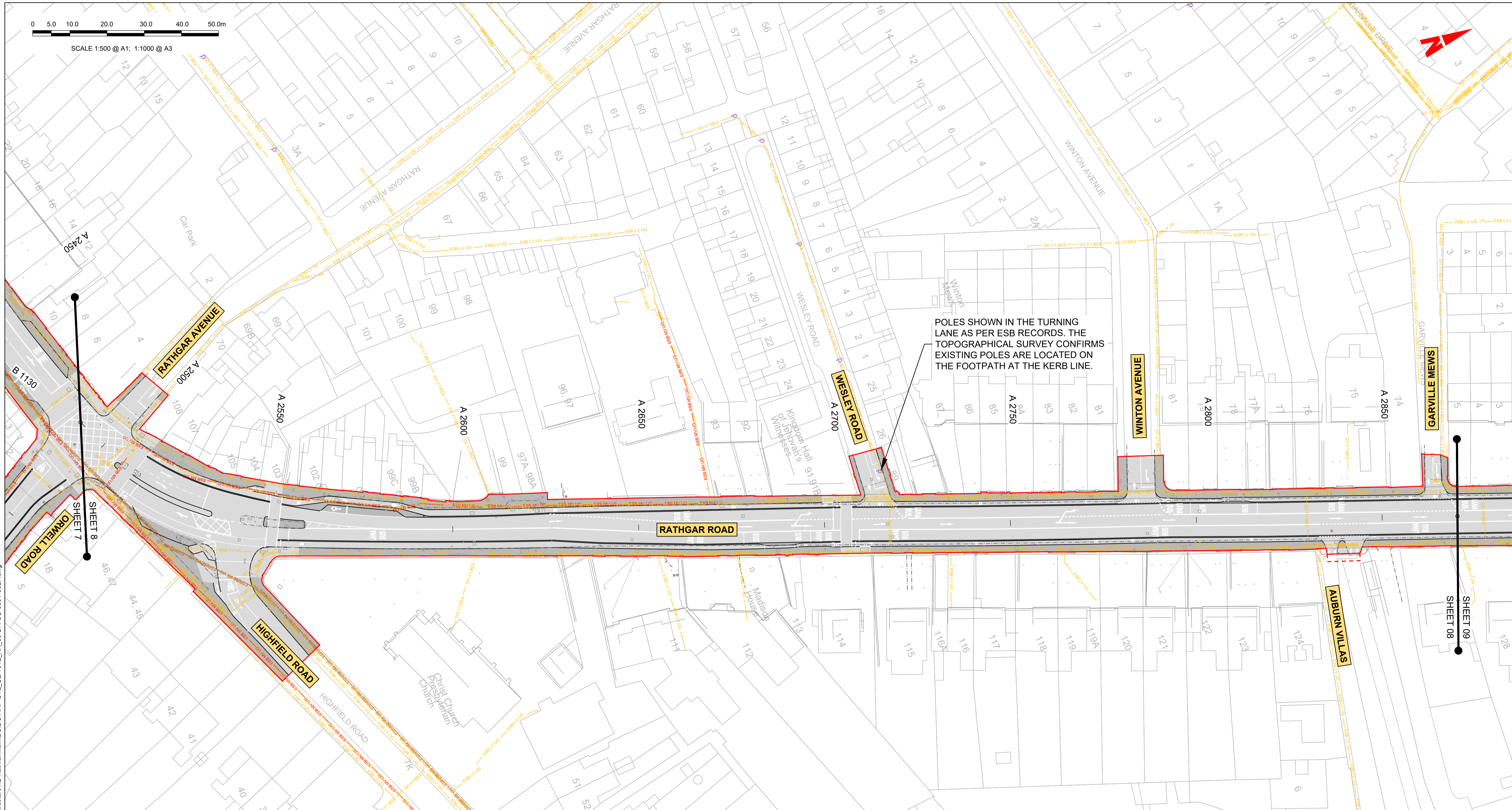
Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title TEMPLEOGUE / RATHFARNHAM TO CITY CENTRE CORE BUS CORRIDOR SCHEME ESB ASSET ALTERATIONS			
Drawing File Name	Sheet Number	Status	Rev
BCIDC-ARP-UTL_UE-1012_XX_00-DR-CU-0007	07 of 37	A	M01

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0 50 100 200 300 400 500m

SCALE 1:500 @ A1; 1:1000 @ A3



LEGEND:

	EXISTING KERB LINE		PROPOSED KERB LINE		ESB - EXISTING ELECTRICAL NETWORK TO BE DECOMMISSIONED
	ESB - HIGH VOLTAGE - EXISTING UNDERGROUND		ESB - HIGH VOLTAGE - PROPOSED UNDERGROUND DIVERSION		
	ESB - HIGH VOLTAGE - EXISTING OVERHEAD		ESB - HIGH VOLTAGE - PROPOSED OVERHEAD DIVERSION		
	ESB - MEDIUM VOLTAGE - EXISTING UNDERGROUND		ESB - MEDIUM VOLTAGE - PROPOSED UNDERGROUND DIVERSION		
	ESB - MEDIUM VOLTAGE - EXISTING OVERHEAD		ESB - MEDIUM VOLTAGE - PROPOSED OVERHEAD DIVERSION		
	ESB - LOW VOLTAGE - EXISTING UNDERGROUND		ESB - LOW VOLTAGE - PROPOSED UNDERGROUND DIVERSION		
	ESB - LOW VOLTAGE - EXISTING OVERHEAD		ESB - LOW VOLTAGE - PROPOSED OVERHEAD DIVERSION		
	SITE BOUNDARY LINE		TEMPORARY LAND TAKE		

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Project Ireland 2040
 Building Ireland's Future

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

Client		Engineering Designer	
 Údarás Náisiúnta Iompair National Transport Authority			
Date	Scale	Drawn	Checked
27/01/2023	1:500 @ A1 1:1000 @ A3	AG	SW
Approved	DC	QMS Code	
BCIDC	ARP	268401-00	

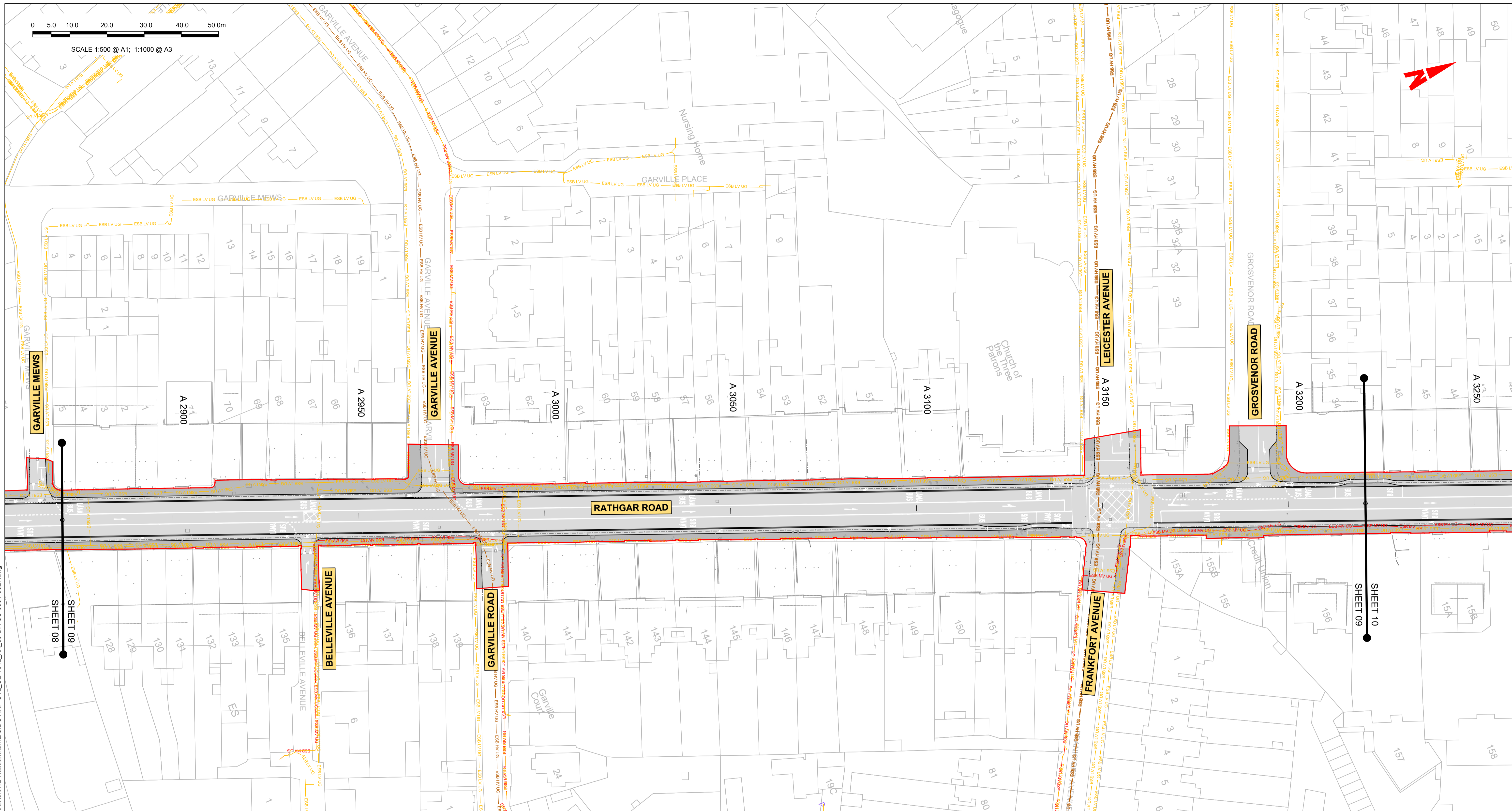
Programme Title			
BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title			
TEMPLEOGUE / RATHFARNHAM TO CITY CENTRE CORE BUS CORRIDOR SCHEME ESB ASSET ALTERATIONS			
Drawing File Name	Sheet Number	Status	Rev
BCIDC-ARP-UTL_UE-1012_XX_00-DR-CU-0008	08 of 37	A	M01

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0 5.0 10.0 20.0 30.0 40.0 50.0m

SCALE 1:500 @ A1; 1:1000 @ A3



LEGEND:

- EXISTING KERB LINE
- PROPOSED KERB LINE
- ESB - HIGH VOLTAGE - EXISTING UNDERGROUND
- ESB - HIGH VOLTAGE - EXISTING OVERHEAD
- ESB - MEDIUM VOLTAGE - EXISTING UNDERGROUND
- ESB - MEDIUM VOLTAGE - EXISTING OVERHEAD
- ESB - LOW VOLTAGE - EXISTING UNDERGROUND
- ESB - LOW VOLTAGE - EXISTING OVERHEAD
- SITE BOUNDARY LINE
- ESB - HIGH VOLTAGE - PROPOSED UNDERGROUND DIVERSION
- ESB - HIGH VOLTAGE - PROPOSED OVERHEAD DIVERSION
- ESB - MEDIUM VOLTAGE - PROPOSED UNDERGROUND DIVERSION
- ESB - MEDIUM VOLTAGE - PROPOSED OVERHEAD DIVERSION
- ESB - LOW VOLTAGE - PROPOSED UNDERGROUND DIVERSION
- ESB - LOW VOLTAGE - PROPOSED OVERHEAD DIVERSION
- TEMPORARY LAND TAKE
- ESB - EXISTING ELECTRICAL NETWORK TO BE DECOMMISSIONED

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M01	27/01/2023	AG	SW	DC	ISSUE FOR PHASE 4: PLANNING

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

Engineering Designer: **ARUP**

Date: 27/01/2023 | Scale: 1:500 @ A1, 1:1000 @ A3 | Drawn: AG | Checked: SW | Approved: DC

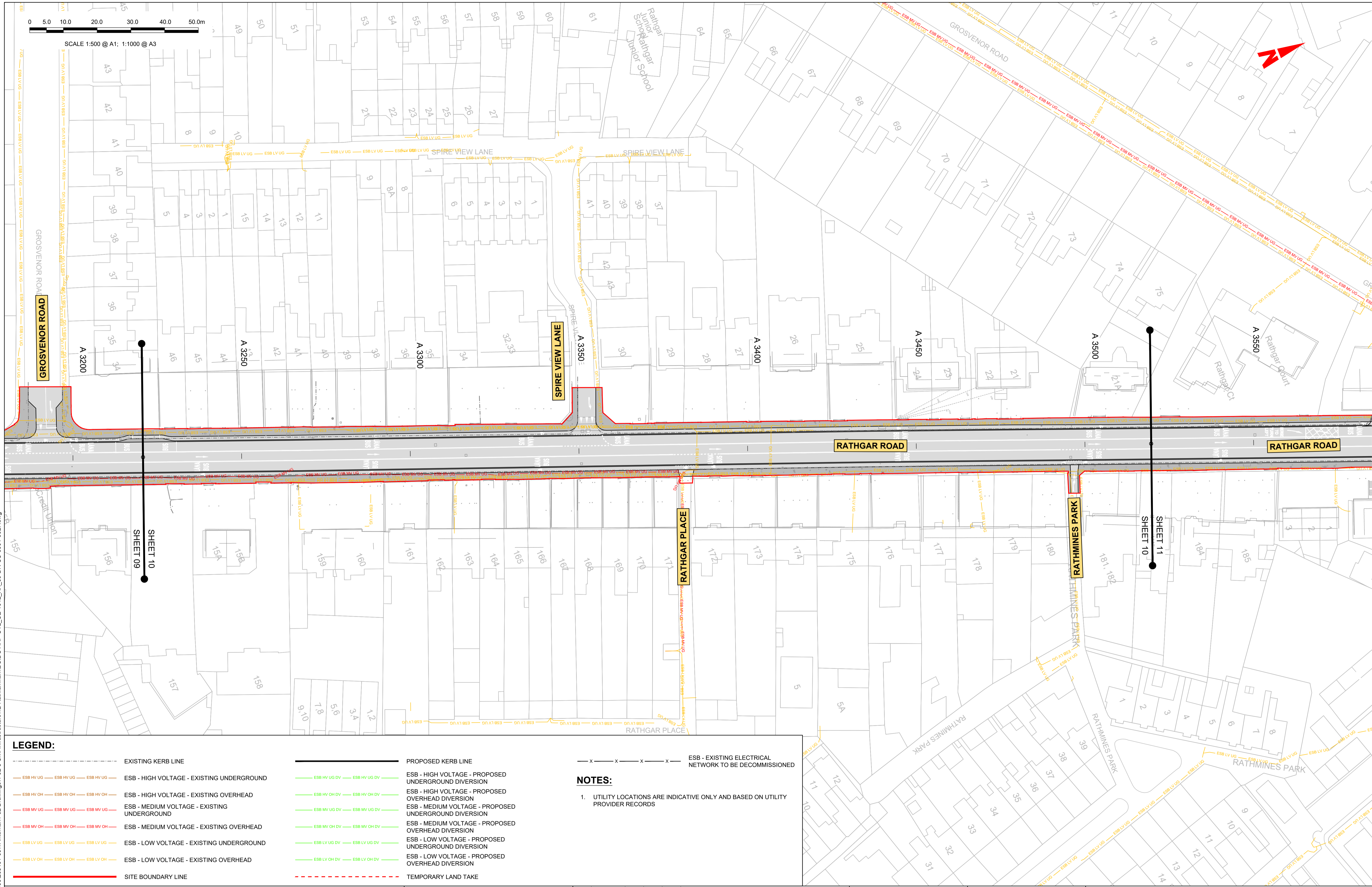
Project Code: BCIDC | Originator Code: ARP | QMS Code: 268401-00

Programme Title: BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS	
Drawing Title: TEMPLEOGUE / RATHFARNHAM TO CITY CENTRE CORE BUS CORRIDOR SCHEME ESB ASSET ALTERATIONS	
Drawing File Name: BCIDC-ARP-UTL_UE-1012_XX_00-DR-CU-0009	Sheet Number: 09 of 37
Status: A	Rev: M01

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0 50 100 200 300 400 500m

SCALE 1:500 @ A1; 1:1000 @ A3



LEGEND:

- | | | |
|---|--|--|
| <ul style="list-style-type: none"> --- EXISTING KERB LINE --- ESB HV UG --- ESB HV UG --- ESB HV UG --- ESB - HIGH VOLTAGE - EXISTING UNDERGROUND --- ESB HV OH --- ESB HV OH --- ESB HV OH --- ESB - HIGH VOLTAGE - EXISTING OVERHEAD --- ESB MV UG --- ESB MV UG --- ESB MV UG --- ESB - MEDIUM VOLTAGE - EXISTING UNDERGROUND --- ESB MV OH --- ESB MV OH --- ESB MV OH --- ESB - MEDIUM VOLTAGE - EXISTING OVERHEAD --- ESB LV UG --- ESB LV UG --- ESB LV UG --- ESB - LOW VOLTAGE - EXISTING UNDERGROUND --- ESB LV OH --- ESB LV OH --- ESB LV OH --- ESB - LOW VOLTAGE - EXISTING OVERHEAD --- SITE BOUNDARY LINE | <ul style="list-style-type: none"> --- PROPOSED KERB LINE --- ESB HV UG DV --- ESB HV UG DV --- ESB - HIGH VOLTAGE - PROPOSED UNDERGROUND DIVERSION --- ESB HV OH DV --- ESB HV OH DV --- ESB - HIGH VOLTAGE - PROPOSED OVERHEAD DIVERSION --- ESB MV UG DV --- ESB MV UG DV --- ESB - MEDIUM VOLTAGE - PROPOSED UNDERGROUND DIVERSION --- ESB MV OH DV --- ESB MV OH DV --- ESB - MEDIUM VOLTAGE - PROPOSED OVERHEAD DIVERSION --- ESB LV UG DV --- ESB LV UG DV --- ESB - LOW VOLTAGE - PROPOSED UNDERGROUND DIVERSION --- ESB LV OH DV --- ESB LV OH DV --- ESB - LOW VOLTAGE - PROPOSED OVERHEAD DIVERSION --- TEMPORARY LAND TAKE | <ul style="list-style-type: none"> - x - x - x - x - ESB - EXISTING ELECTRICAL NETWORK TO BE DECOMMISSIONED |
|---|--|--|

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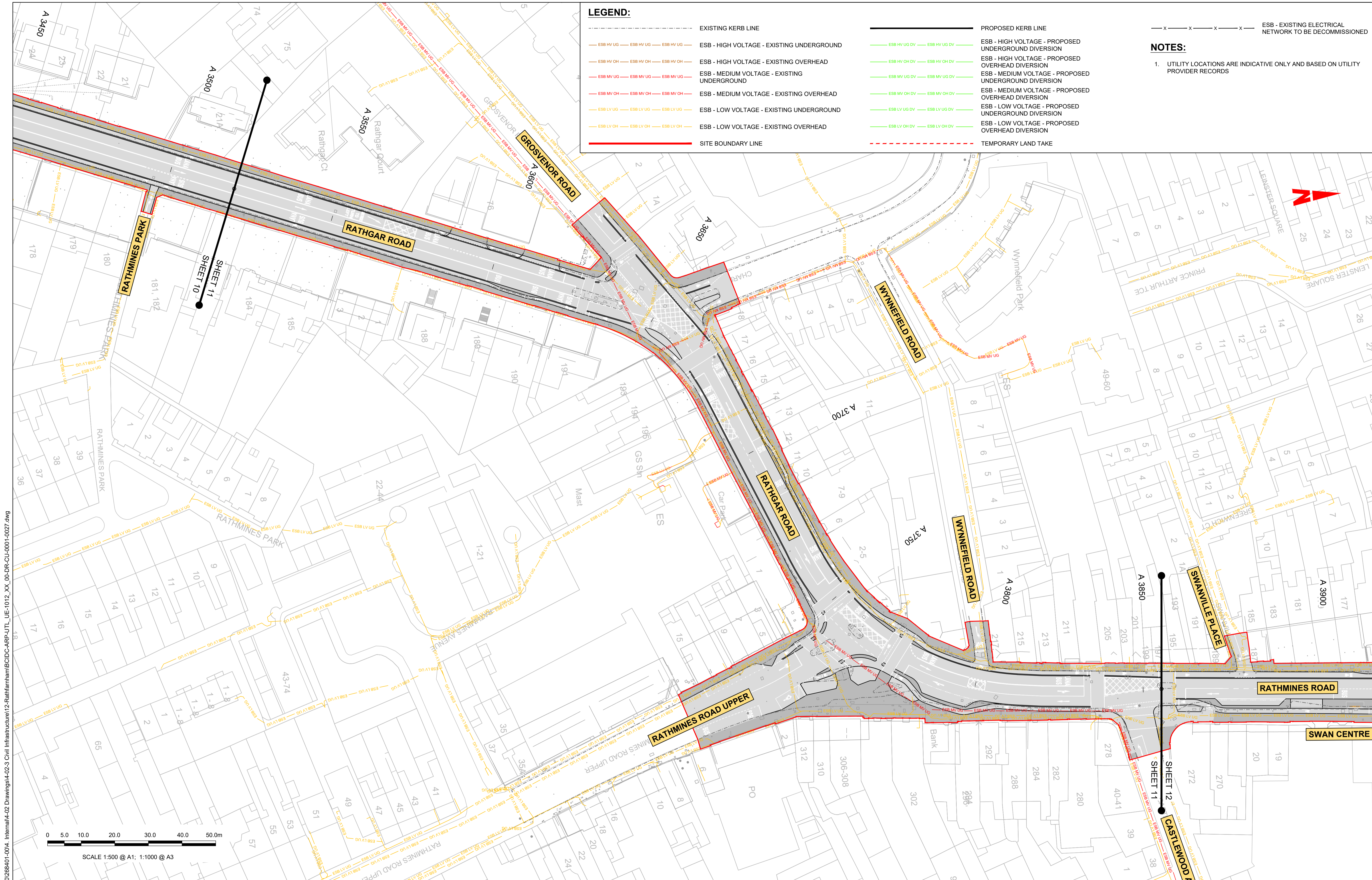


Rev	Date	Drn	Chk'd	App'd	Description
M01	27/01/2023	AG	SW	DC	ISSUE FOR PHASE 4: PLANNING

Client
NTA
 Údarás Náisiúnta Iompair
 National Transport Authority

Engineering Designer
ARUP

Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS	
Drawing Title TEMPLEOGUE / RATHFARNHAM TO CITY CENTRE CORE BUS CORRIDOR SCHEME ESB ASSET ALTERATIONS	
Drawing File Name BCIDC-ARP-UTL_UE-1012_XX_00-DR-CU-0010	Sheet Number 10 of 37
Status A	Rev M01



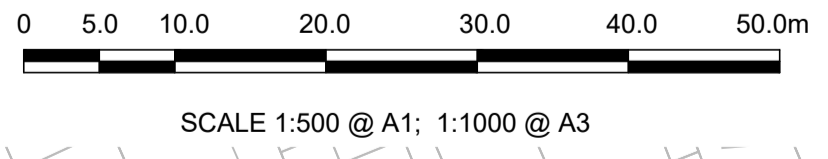
LEGEND:

- EXISTING KERB LINE
- ESB - HIGH VOLTAGE - EXISTING UNDERGROUND
- ESB - HIGH VOLTAGE - EXISTING OVERHEAD
- ESB - MEDIUM VOLTAGE - EXISTING UNDERGROUND
- ESB - MEDIUM VOLTAGE - EXISTING OVERHEAD
- ESB - LOW VOLTAGE - EXISTING UNDERGROUND
- ESB - LOW VOLTAGE - EXISTING OVERHEAD
- SITE BOUNDARY LINE
- PROPOSED KERB LINE
- ESB - HIGH VOLTAGE - PROPOSED UNDERGROUND DIVERSION
- ESB - HIGH VOLTAGE - PROPOSED OVERHEAD DIVERSION
- ESB - MEDIUM VOLTAGE - PROPOSED UNDERGROUND DIVERSION
- ESB - MEDIUM VOLTAGE - PROPOSED OVERHEAD DIVERSION
- ESB - LOW VOLTAGE - PROPOSED UNDERGROUND DIVERSION
- ESB - LOW VOLTAGE - PROPOSED OVERHEAD DIVERSION
- TEMPORARY LAND TAKE
- ESB - EXISTING ELECTRICAL NETWORK TO BE DECOMMISSIONED

NOTES:

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Udarás Náisiúnta Iompair
National Transport Authority

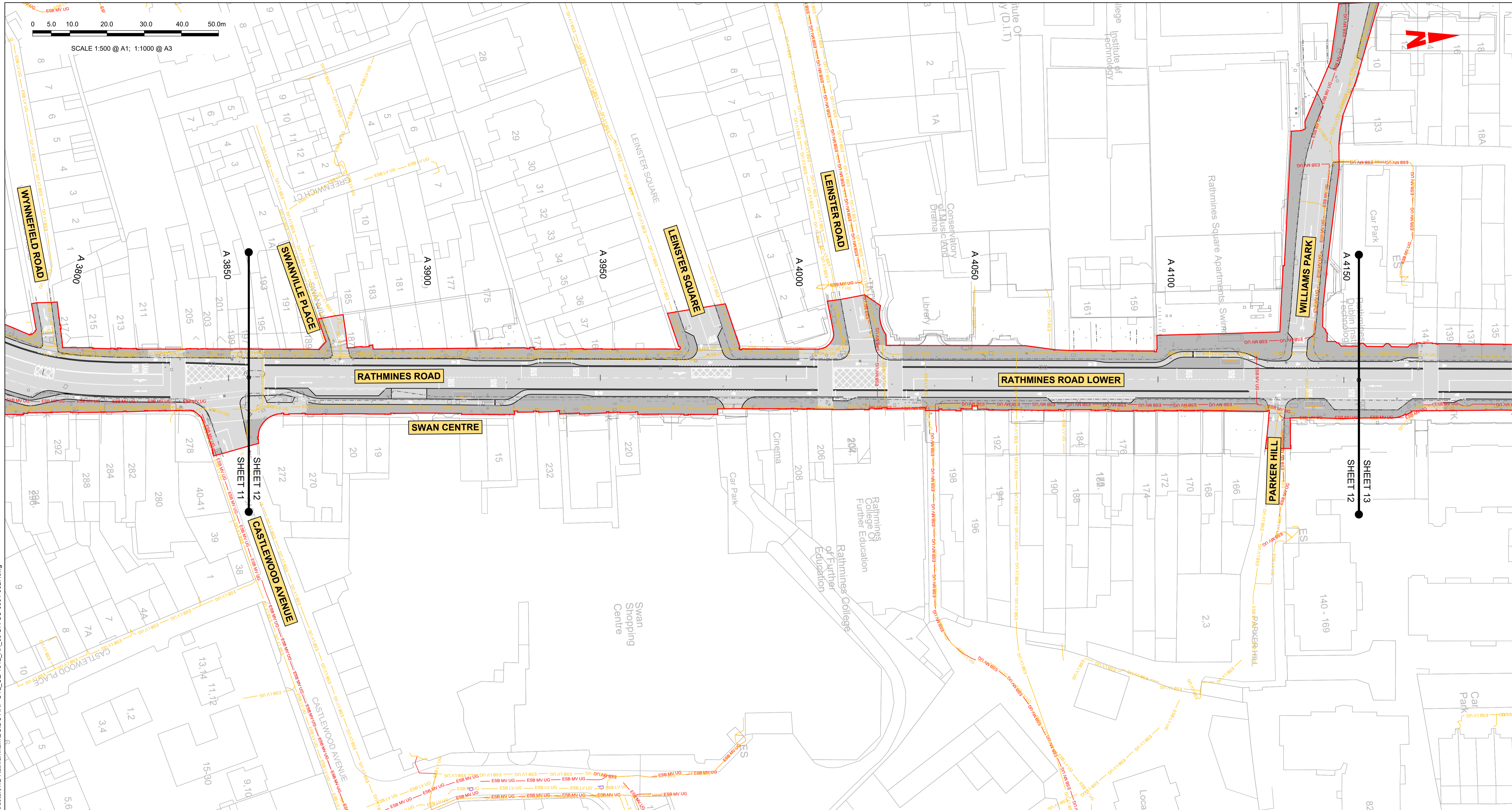
Engineering Designer: **ARUP**

Date: 27/01/2023 | Scale: 1:500 @ A1, 1:1000 @ A3 | Drawn: AG | Checked: SW | Approved: DC

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

Programme Title: BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title: TEMPLEOGUE / RATHFARNHAM TO CITY CENTRE CORE BUS CORRIDOR SCHEME ESB ASSET ALTERATIONS			
Drawing File Name: BCIDC-ARP-UTL_UE-1012_XX_00-DR-CU-0011	Sheet Number: 11 of 37	Status: A	Rev: M01

DO NOT SCALE USE FIGURED DIMENSIONS ONLY



LEGEND:

--- EXISTING KERB LINE	--- PROPOSED KERB LINE	--- x --- x --- x --- x --- ESB - EXISTING ELECTRICAL NETWORK TO BE DECOMMISSIONED
--- ESB HV UG --- ESB HV UG --- ESB HV UG --- ESB - HIGH VOLTAGE - EXISTING UNDERGROUND	--- ESB HV UG DV --- ESB HV UG DV --- ESB - HIGH VOLTAGE - PROPOSED UNDERGROUND DIVERSION	
--- ESB HV OH --- ESB HV OH --- ESB HV OH --- ESB - HIGH VOLTAGE - EXISTING OVERHEAD	--- ESB HV OH DV --- ESB HV OH DV --- ESB - HIGH VOLTAGE - PROPOSED OVERHEAD DIVERSION	
--- ESB MV UG --- ESB MV UG --- ESB MV UG --- ESB - MEDIUM VOLTAGE - EXISTING UNDERGROUND	--- ESB MV UG DV --- ESB MV UG DV --- ESB - MEDIUM VOLTAGE - PROPOSED UNDERGROUND DIVERSION	
--- ESB MV OH --- ESB MV OH --- ESB MV OH --- ESB - MEDIUM VOLTAGE - EXISTING OVERHEAD	--- ESB MV OH DV --- ESB MV OH DV --- ESB - MEDIUM VOLTAGE - PROPOSED OVERHEAD DIVERSION	
--- ESB LV UG --- ESB LV UG --- ESB LV UG --- ESB - LOW VOLTAGE - EXISTING UNDERGROUND	--- ESB LV UG DV --- ESB LV UG DV --- ESB - LOW VOLTAGE - PROPOSED UNDERGROUND DIVERSION	
--- ESB LV OH --- ESB LV OH --- ESB LV OH --- ESB - LOW VOLTAGE - EXISTING OVERHEAD	--- ESB LV OH DV --- ESB LV OH DV --- ESB - LOW VOLTAGE - PROPOSED OVERHEAD DIVERSION	
--- SITE BOUNDARY LINE	--- TEMPORARY LAND TAKE	

NOTES:

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

Client

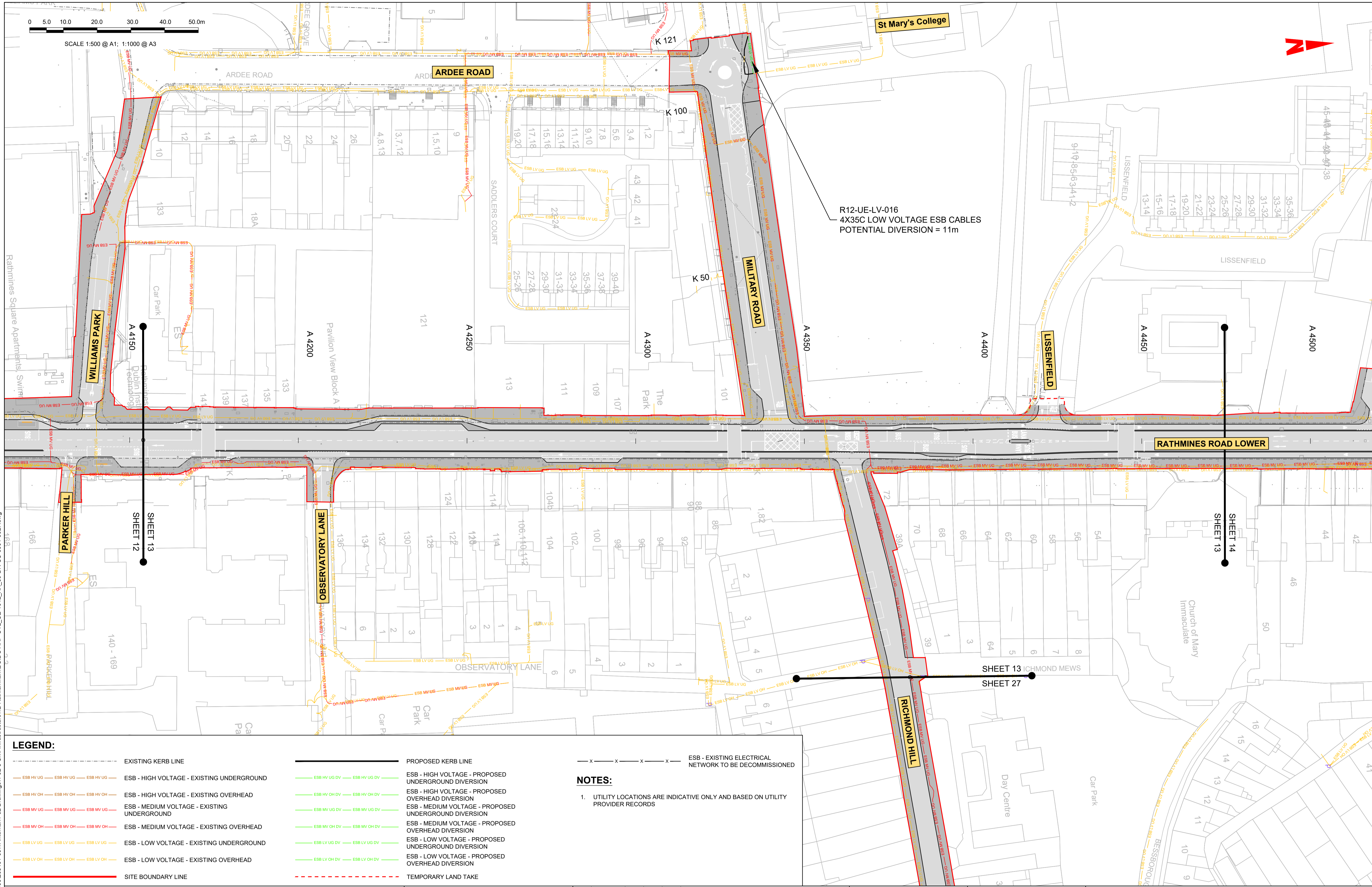
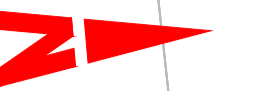
Engineering Designer

Programme Title		BUSCONNECTS DUBLIN		
		CORE BUS CORRIDORS INFRASTRUCTURE WORKS		
Drawing Title		TEMPLEOGUE / RATHFARNHAM TO CITY CENTRE CORE BUS CORRIDOR SCHEME		
		ESB ASSET ALTERATIONS		
Drawing File Name	Sheet Number	Status	Rev	
BCIDC-ARP-UTL_UE-1012_XX_00-DR-CU-0012	12 of 37	A	M01	

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0 50 100 200 300 400 500m

SCALE 1:500 @ A1; 1:1000 @ A3



R12-UE-LV-016
4X35C LOW VOLTAGE ESB CABLES
POTENTIAL DIVERSION = 11m

LEGEND:

- EXISTING KERB LINE
- SITE BOUNDARY LINE
- ESB - HIGH VOLTAGE - EXISTING UNDERGROUND
- ESB - HIGH VOLTAGE - EXISTING OVERHEAD
- ESB - MEDIUM VOLTAGE - EXISTING UNDERGROUND
- ESB - MEDIUM VOLTAGE - EXISTING OVERHEAD
- ESB - LOW VOLTAGE - EXISTING UNDERGROUND
- ESB - LOW VOLTAGE - EXISTING OVERHEAD
- PROPOSED KERB LINE
- ESB - HIGH VOLTAGE - PROPOSED UNDERGROUND DIVERSION
- ESB - HIGH VOLTAGE - PROPOSED OVERHEAD DIVERSION
- ESB - MEDIUM VOLTAGE - PROPOSED UNDERGROUND DIVERSION
- ESB - MEDIUM VOLTAGE - PROPOSED OVERHEAD DIVERSION
- ESB - LOW VOLTAGE - PROPOSED UNDERGROUND DIVERSION
- ESB - LOW VOLTAGE - PROPOSED OVERHEAD DIVERSION
- TEMPORARY LAND TAKE
- ESB - EXISTING ELECTRICAL NETWORK TO BE DECOMMISSIONED

NOTES:

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

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

Engineering Designer: **ARUP**

Date: 27/01/2023 | Scale: 1:500 @ A1, 1:1000 @ A3 | Drawn: AG | Checked: SW | Approved: DC

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

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

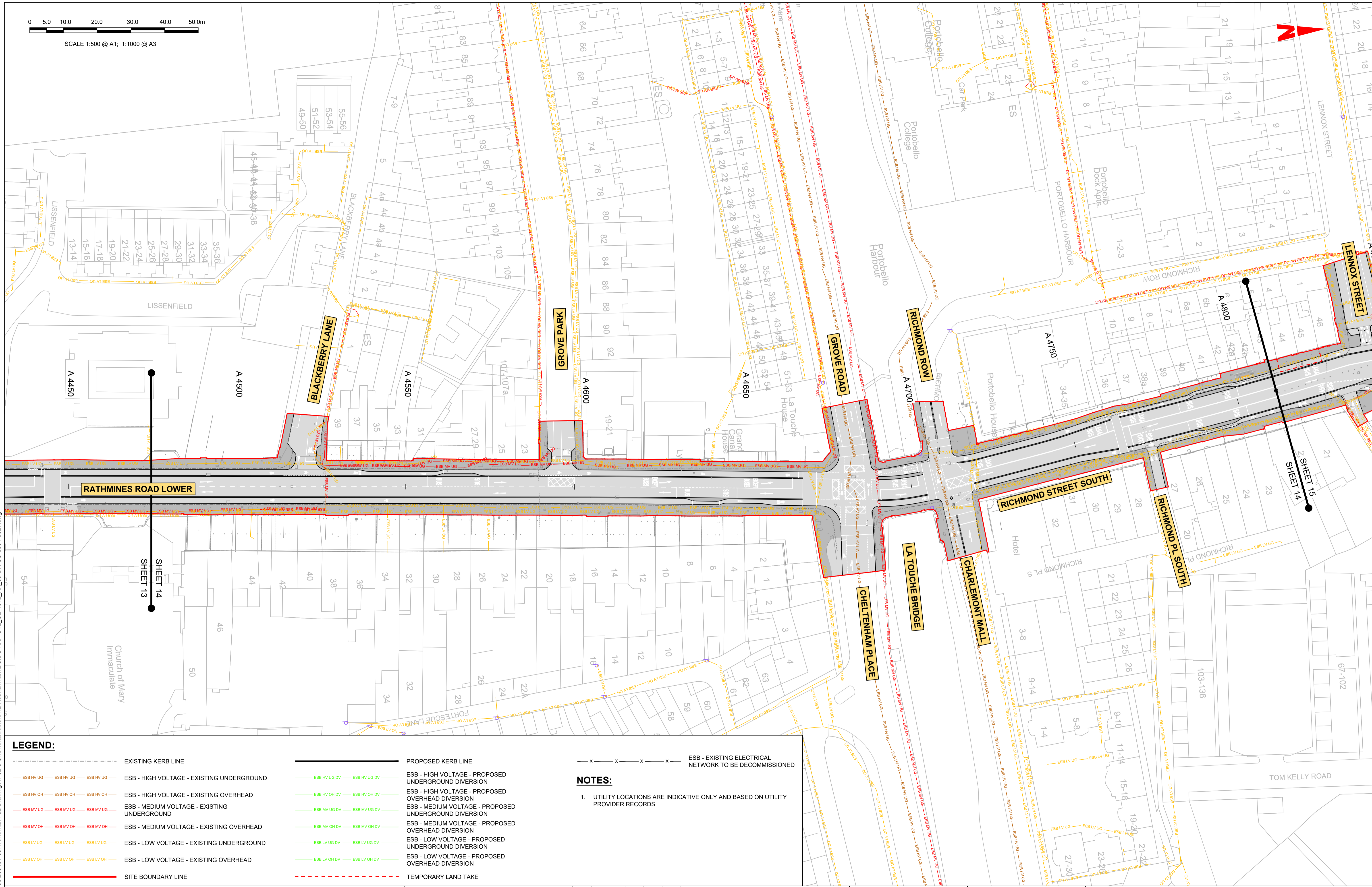
Drawing Title: TEMPLEOGUE / RATHFARNHAM TO CITY CENTRE CORE BUS CORRIDOR SCHEME ESB ASSET ALTERATIONS

Drawing File Name: BCIDC-ARP-UTL_UE-1012_XX_00-DR-CU-0013 | Sheet Number: 13 of 37 | Status: A | Rev: M01

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0 50 100 200 300 400 500m

SCALE 1:500 @ A1; 1:1000 @ A3



LEGEND:

- EXISTING KERB LINE
- ESB - HIGH VOLTAGE - EXISTING UNDERGROUND
- ESB - HIGH VOLTAGE - EXISTING OVERHEAD
- ESB - MEDIUM VOLTAGE - EXISTING UNDERGROUND
- ESB - MEDIUM VOLTAGE - EXISTING OVERHEAD
- ESB - LOW VOLTAGE - EXISTING UNDERGROUND
- ESB - LOW VOLTAGE - EXISTING OVERHEAD
- SITE BOUNDARY LINE
- PROPOSED KERB LINE
- ESB - HIGH VOLTAGE - PROPOSED UNDERGROUND DIVERSION
- ESB - HIGH VOLTAGE - PROPOSED OVERHEAD DIVERSION
- ESB - MEDIUM VOLTAGE - PROPOSED UNDERGROUND DIVERSION
- ESB - MEDIUM VOLTAGE - PROPOSED OVERHEAD DIVERSION
- ESB - LOW VOLTAGE - PROPOSED UNDERGROUND DIVERSION
- ESB - LOW VOLTAGE - PROPOSED OVERHEAD DIVERSION
- TEMPORARY LAND TAKE
- x - x - x - x - ESB - EXISTING ELECTRICAL NETWORK TO BE DECOMMISSIONED

NOTES:

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

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

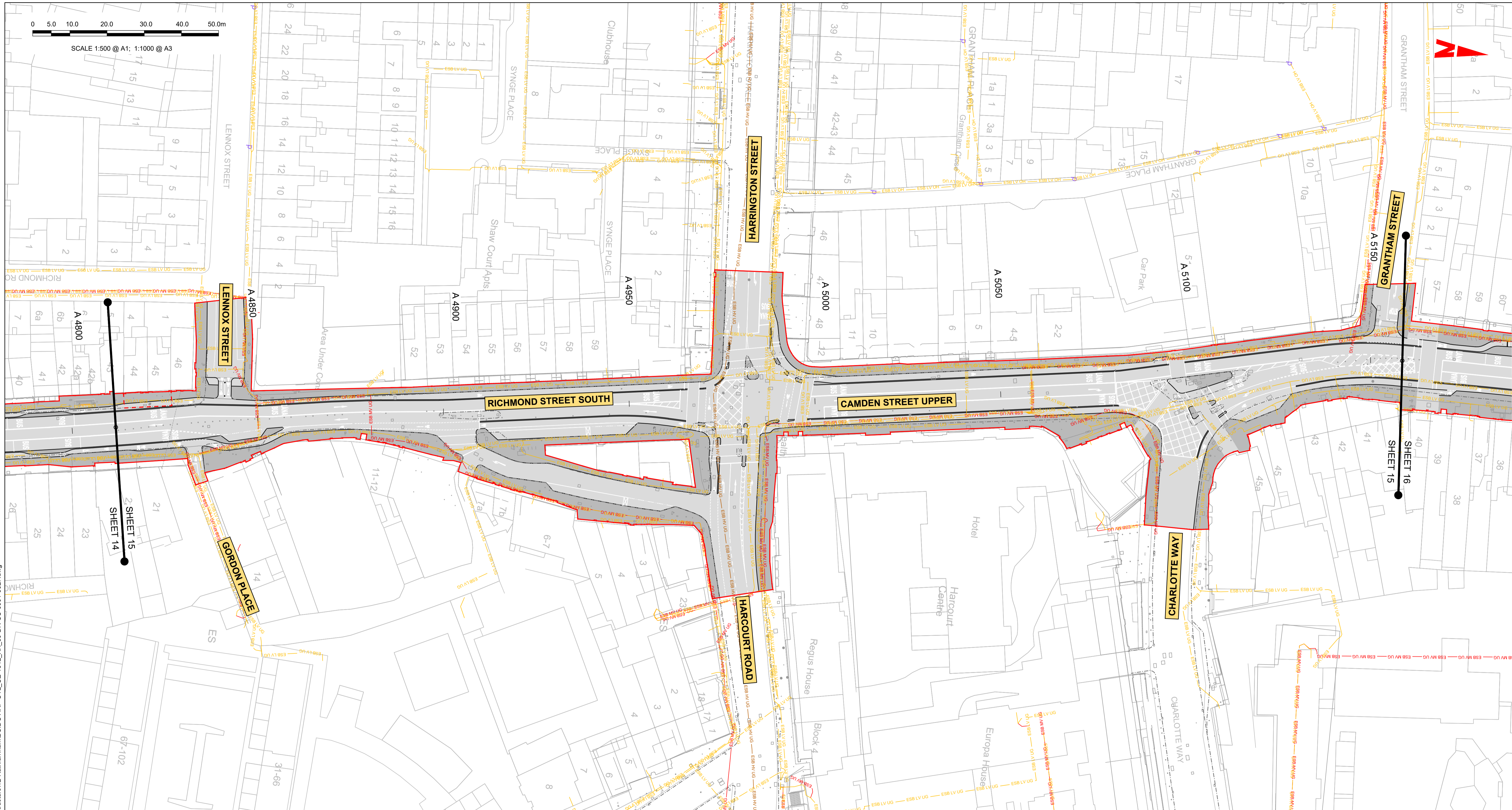
Engineering Designer: **ARUP**

Date: 27/01/2023 Scale: 1:500 @ A1, 1:1000 @ A3
 Drawn: AG, Checked: SW, Approved: DC

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

Programme Title: BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title: TEMPLEOGUE / RATHFARNHAM TO CITY CENTRE CORE BUS CORRIDOR SCHEME ESB ASSET ALTERATIONS			
Drawing File Name: BCIDC-ARP-UTL_UE-1012_XX_00-DR-CU-0014	Sheet Number: 14 of 37	Status: A	Rev: M01

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LEGEND:

	EXISTING KERB LINE		PROPOSED KERB LINE		ESB - EXISTING ELECTRICAL NETWORK TO BE DECOMMISSIONED
	ESB - HIGH VOLTAGE - EXISTING UNDERGROUND		ESB - HIGH VOLTAGE - PROPOSED UNDERGROUND DIVERSION		ESB - HIGH VOLTAGE - PROPOSED OVERHEAD DIVERSION
	ESB - HIGH VOLTAGE - EXISTING OVERHEAD		ESB - HIGH VOLTAGE - PROPOSED OVERHEAD DIVERSION		ESB - MEDIUM VOLTAGE - PROPOSED UNDERGROUND DIVERSION
	ESB - MEDIUM VOLTAGE - EXISTING UNDERGROUND		ESB - MEDIUM VOLTAGE - PROPOSED UNDERGROUND DIVERSION		ESB - MEDIUM VOLTAGE - PROPOSED OVERHEAD DIVERSION
	ESB - MEDIUM VOLTAGE - EXISTING OVERHEAD		ESB - MEDIUM VOLTAGE - PROPOSED OVERHEAD DIVERSION		ESB - LOW VOLTAGE - PROPOSED UNDERGROUND DIVERSION
	ESB - LOW VOLTAGE - EXISTING UNDERGROUND		ESB - LOW VOLTAGE - PROPOSED UNDERGROUND DIVERSION		ESB - LOW VOLTAGE - PROPOSED OVERHEAD DIVERSION
	ESB - LOW VOLTAGE - EXISTING OVERHEAD		ESB - LOW VOLTAGE - PROPOSED OVERHEAD DIVERSION		
	SITE BOUNDARY LINE		TEMPORARY LAND TAKE		

NOTES:

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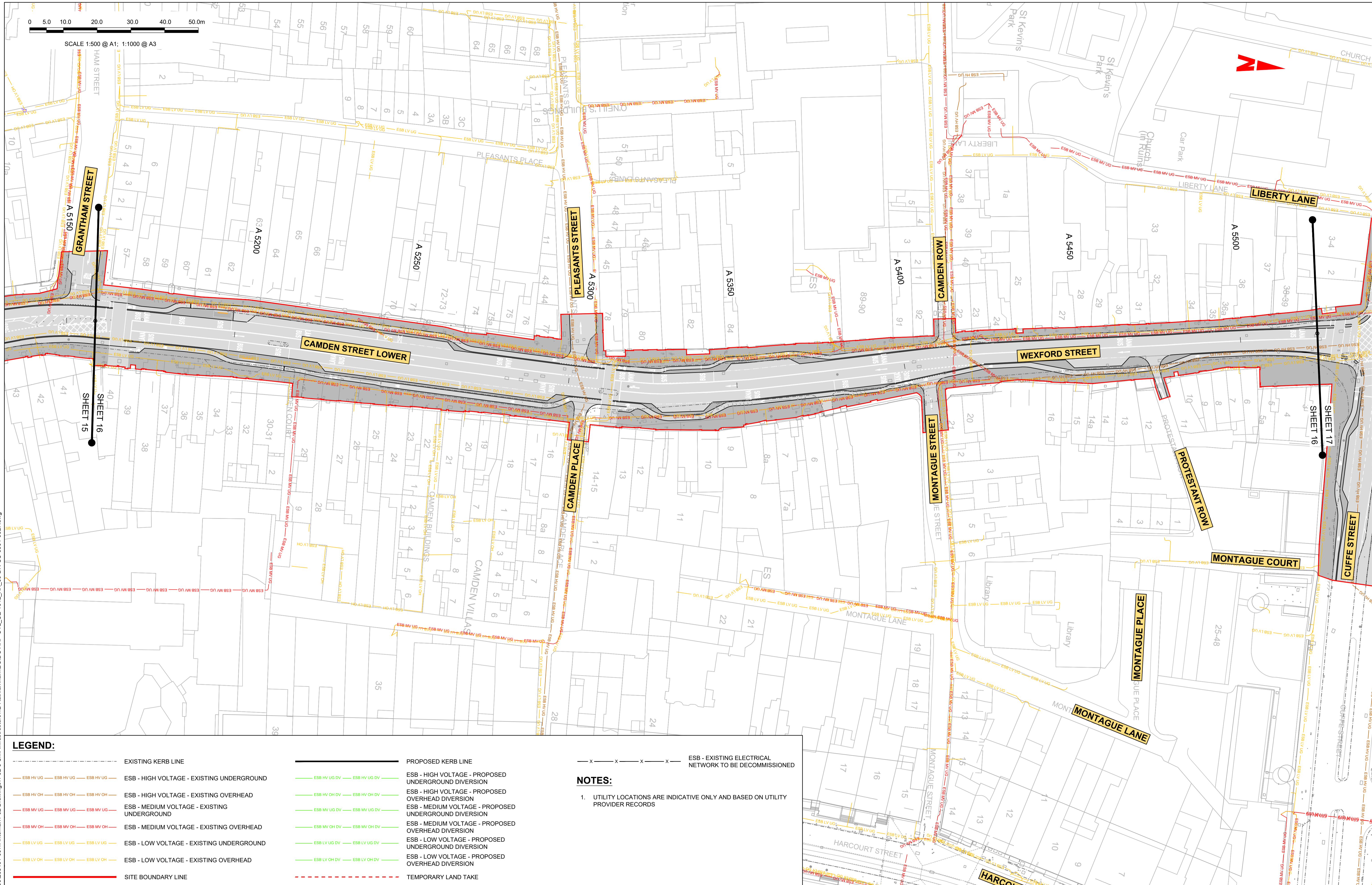


Rev	Date	Drn	Chk'd	App'd	Description
M01	27/01/2023	AG	SW	DC	ISSUE FOR PHASE 4: PLANNING

Client NTA Udarás Náisiúnta Iompair National Transport Authority		Engineering Designer ARUP		
Date 27/01/2023	Scale 1:500 @ A1 1:1000 @ A3	Drawn AG	Checked SW	Approved DC
Project Code BCIDC	Originator Code ARP	QMS Code 268401-00		

Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS	
Drawing Title TEMPLEOGUE / RATHFARNHAM TO CITY CENTRE CORE BUS CORRIDOR SCHEME ESB ASSET ALTERATIONS	
Drawing File Name BCIDC-ARP-UTL_UE-1012_XX_00-DR-CU-0015	Sheet Number 15 of 37
Status A	Rev M01

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LEGEND:

	EXISTING KERB LINE		PROPOSED KERB LINE		ESB - EXISTING ELECTRICAL NETWORK TO BE DECOMMISSIONED
	ESB - HIGH VOLTAGE - EXISTING UNDERGROUND		ESB - HIGH VOLTAGE - PROPOSED UNDERGROUND DIVERSION		
	ESB - HIGH VOLTAGE - EXISTING OVERHEAD		ESB - HIGH VOLTAGE - PROPOSED OVERHEAD DIVERSION		
	ESB - MEDIUM VOLTAGE - EXISTING UNDERGROUND		ESB - MEDIUM VOLTAGE - PROPOSED UNDERGROUND DIVERSION		
	ESB - MEDIUM VOLTAGE - EXISTING OVERHEAD		ESB - MEDIUM VOLTAGE - PROPOSED OVERHEAD DIVERSION		
	ESB - LOW VOLTAGE - EXISTING UNDERGROUND		ESB - LOW VOLTAGE - PROPOSED UNDERGROUND DIVERSION		
	ESB - LOW VOLTAGE - EXISTING OVERHEAD		ESB - LOW VOLTAGE - PROPOSED OVERHEAD DIVERSION		
	SITE BOUNDARY LINE		TEMPORARY LAND TAKE		

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M01	27/01/2023	AG	SW	DC	ISSUE FOR PHASE 4: PLANNING

Client NTA Udárás Náisiúnta Iompair National Transport Authority		Engineering Designer ARUP		
Date 27/01/2023	Scale 1:500 @ A1 1:1000 @ A3	Drawn AG	Checked SW	Approved DC
Project Code BCIDC	Originator Code ARP	QMS Code 268401-00		

Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS				
Drawing Title TEMPLEOGUE / RATHFARNHAM TO CITY CENTRE CORE BUS CORRIDOR SCHEME ESB ASSET ALTERATIONS				
Drawing File Name BCIDC-ARP-UTL_UE-1012_XX_00-DR-CU-0016	Sheet Number 16 of 37	Status A	Rev M01	

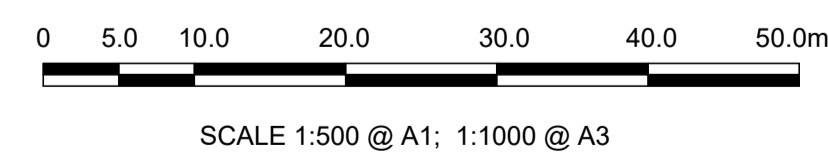
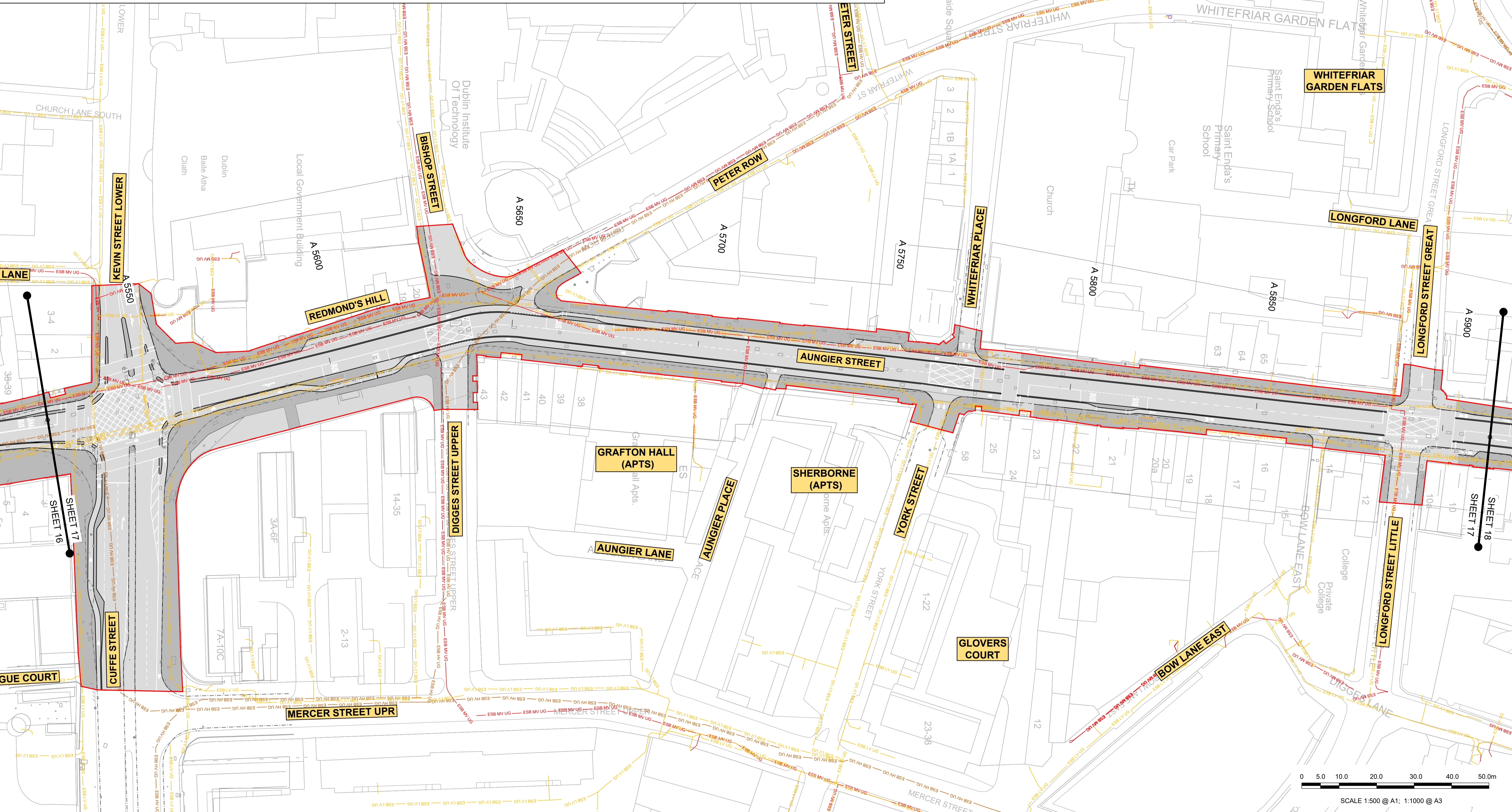
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LEGEND:

	EXISTING KERB LINE		PROPOSED KERB LINE		ESB - EXISTING ELECTRICAL NETWORK TO BE DECOMMISSIONED
	ESB - HIGH VOLTAGE - EXISTING UNDERGROUND		ESB - HIGH VOLTAGE - PROPOSED UNDERGROUND DIVERSION		
	ESB - HIGH VOLTAGE - EXISTING OVERHEAD		ESB - HIGH VOLTAGE - PROPOSED OVERHEAD DIVERSION		
	ESB - MEDIUM VOLTAGE - EXISTING UNDERGROUND		ESB - MEDIUM VOLTAGE - PROPOSED UNDERGROUND DIVERSION		
	ESB - MEDIUM VOLTAGE - EXISTING OVERHEAD		ESB - MEDIUM VOLTAGE - PROPOSED OVERHEAD DIVERSION		
	ESB - LOW VOLTAGE - EXISTING UNDERGROUND		ESB - LOW VOLTAGE - PROPOSED UNDERGROUND DIVERSION		
	ESB - LOW VOLTAGE - EXISTING OVERHEAD		ESB - LOW VOLTAGE - PROPOSED OVERHEAD DIVERSION		
	SITE BOUNDARY LINE		TEMPORARY LAND TAKE		

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Project Ireland 2040
 Building Ireland's Future

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

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

Date: 27/01/2023 Scale: 1:500 @ A1, 1:1000 @ A3

Engineering Designer: **ARUP**

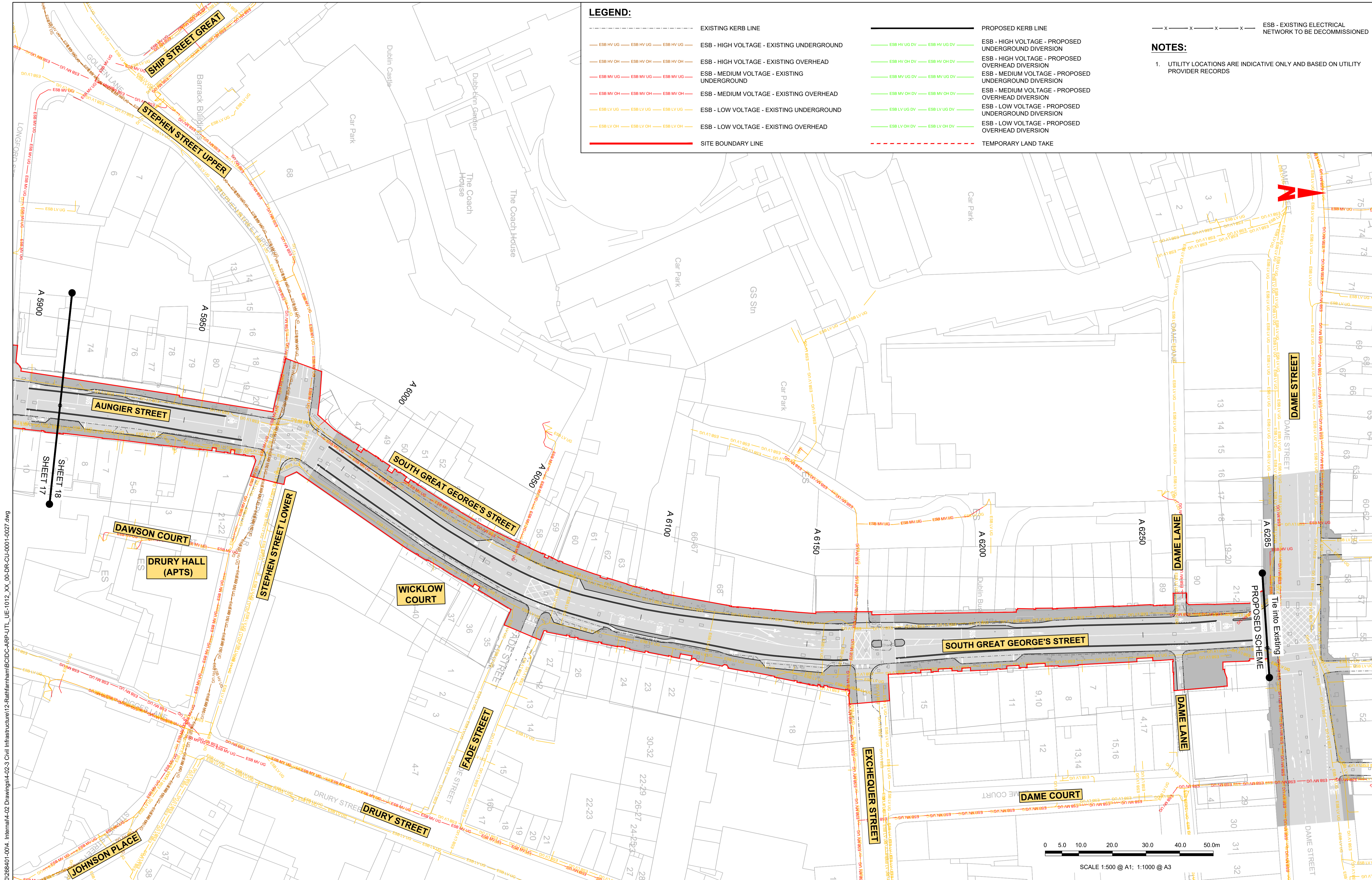
Drawn	Checked	Approved
AG	SW	DC

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

Programme Title: BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title: TEMPLEOGUE / RATHFARNHAM TO CITY CENTRE CORE BUS CORRIDOR SCHEME ESB ASSET ALTERATIONS			
Drawing File Name: BCIDC-ARP-UTL_UE-1012_XX_00-DR-CU-0017	Sheet Number: 17 of 37	Status: A	Rev: M01

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LEGEND:

	EXISTING KERB LINE		PROPOSED KERB LINE		ESB - EXISTING ELECTRICAL NETWORK TO BE DECOMMISSIONED
	ESB - HIGH VOLTAGE - EXISTING UNDERGROUND		ESB - HIGH VOLTAGE - PROPOSED UNDERGROUND DIVERSION		
	ESB - HIGH VOLTAGE - EXISTING OVERHEAD		ESB - HIGH VOLTAGE - PROPOSED OVERHEAD DIVERSION		
	ESB - MEDIUM VOLTAGE - EXISTING UNDERGROUND		ESB - MEDIUM VOLTAGE - PROPOSED UNDERGROUND DIVERSION		
	ESB - MEDIUM VOLTAGE - EXISTING OVERHEAD		ESB - MEDIUM VOLTAGE - PROPOSED OVERHEAD DIVERSION		
	ESB - LOW VOLTAGE - EXISTING UNDERGROUND		ESB - LOW VOLTAGE - PROPOSED UNDERGROUND DIVERSION		
	ESB - LOW VOLTAGE - EXISTING OVERHEAD		ESB - LOW VOLTAGE - PROPOSED OVERHEAD DIVERSION		
	SITE BOUNDARY LINE		TEMPORARY LAND TAKE		

NOTES:

- UTILITY LOCATIONS ARE INDICATIVE ONLY AND BASED ON UTILITY PROVIDER RECORDS

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Project Ireland 2040
Building Ireland's Future

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

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

Date: 27/01/2023 Scale: 1:500 @ A1
1:1000 @ A3

Engineering Designer: **ARUP**

Drawn: AG Checked: SW Approved: DC

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

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

Drawing Title: TEMPLEOGUE / RATHFARNHAM TO CITY CENTRE CORE BUS CORRIDOR SCHEME
ESB ASSET ALTERATIONS

Drawing File Name: BCIDC-ARP-JTL_UE-1012_XX_00-DR-CU-0018 Sheet Number: 18 of 37 Status: A Rev: M01

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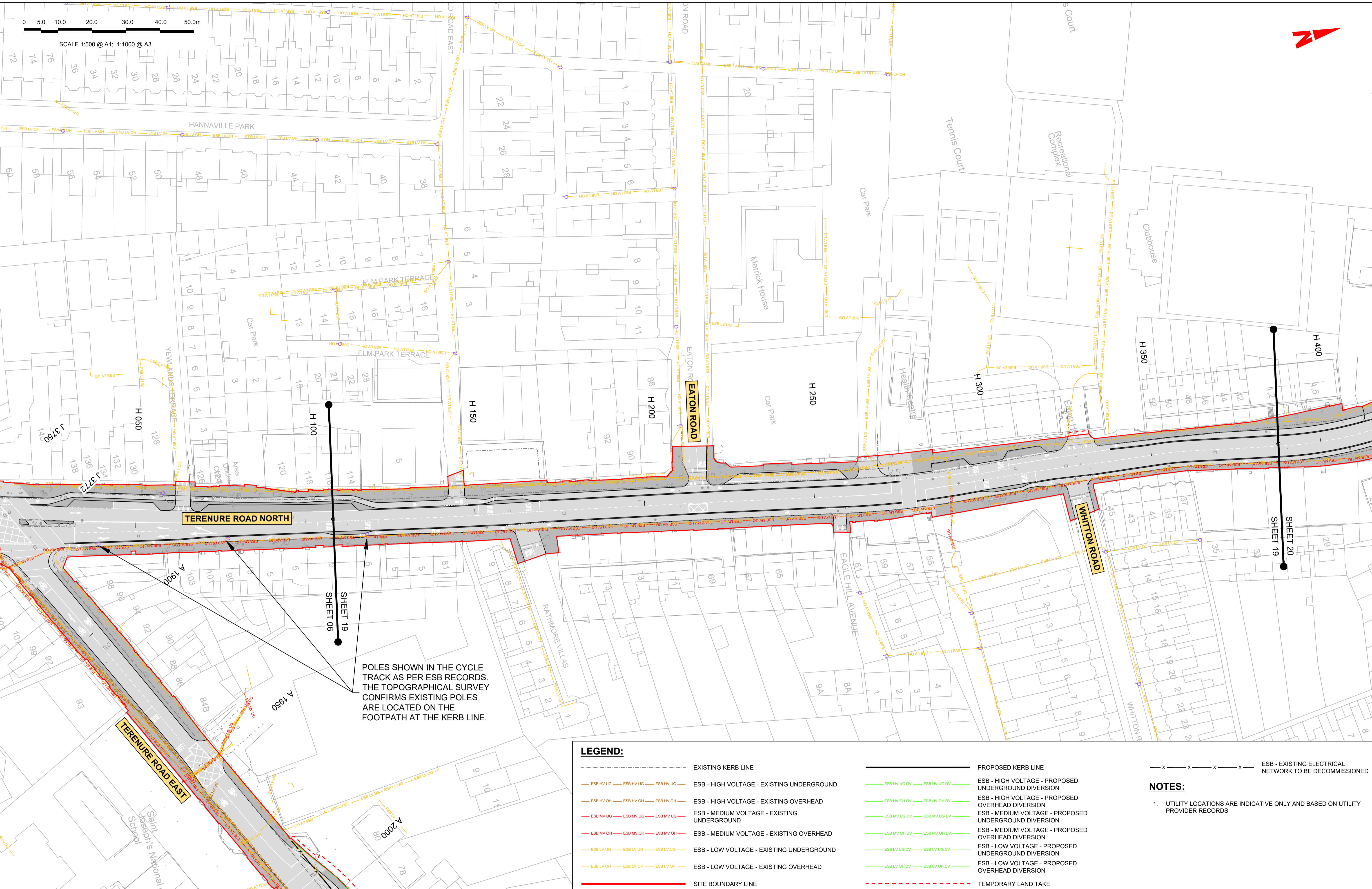
SCALE 1:500 @ A1; 1:1000 @ A3



POLES SHOWN IN THE CYCLE TRACK AS PER ESB RECORDS. THE TOPOGRAPHICAL SURVEY CONFIRMS EXISTING POLES ARE LOCATED ON THE FOOTPATH AT THE KERB LINE.

LEGEND:

	EXISTING KERB LINE		PROPOSED KERB LINE		ESB - EXISTING ELECTRICAL NETWORK TO BE DECOMMISSIONED
	ESB - HIGH VOLTAGE - EXISTING UNDERGROUND		ESB - HIGH VOLTAGE - PROPOSED UNDERGROUND DIVERSION	NOTES: 1. UTILITY LOCATIONS ARE INDICATIVE ONLY AND BASED ON UTILITY PROVIDER RECORDS	
	ESB - HIGH VOLTAGE - EXISTING OVERHEAD		ESB - HIGH VOLTAGE - PROPOSED OVERHEAD DIVERSION		
	ESB - MEDIUM VOLTAGE - EXISTING UNDERGROUND		ESB - MEDIUM VOLTAGE - PROPOSED UNDERGROUND DIVERSION		
	ESB - MEDIUM VOLTAGE - EXISTING OVERHEAD		ESB - MEDIUM VOLTAGE - PROPOSED OVERHEAD DIVERSION		
	ESB - LOW VOLTAGE - EXISTING UNDERGROUND		ESB - LOW VOLTAGE - PROPOSED UNDERGROUND DIVERSION		
	ESB - LOW VOLTAGE - EXISTING OVERHEAD		ESB - LOW VOLTAGE - PROPOSED OVERHEAD DIVERSION		
	SITE BOUNDARY LINE		TEMPORARY LAND TAKE		



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

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

Engineering Designer: **ARUP**

Date: 27/01/2023 | Scale: 1:500 @ A1, 1:1000 @ A3 | Drawn: AG | Checked: SW | Approved: DC

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

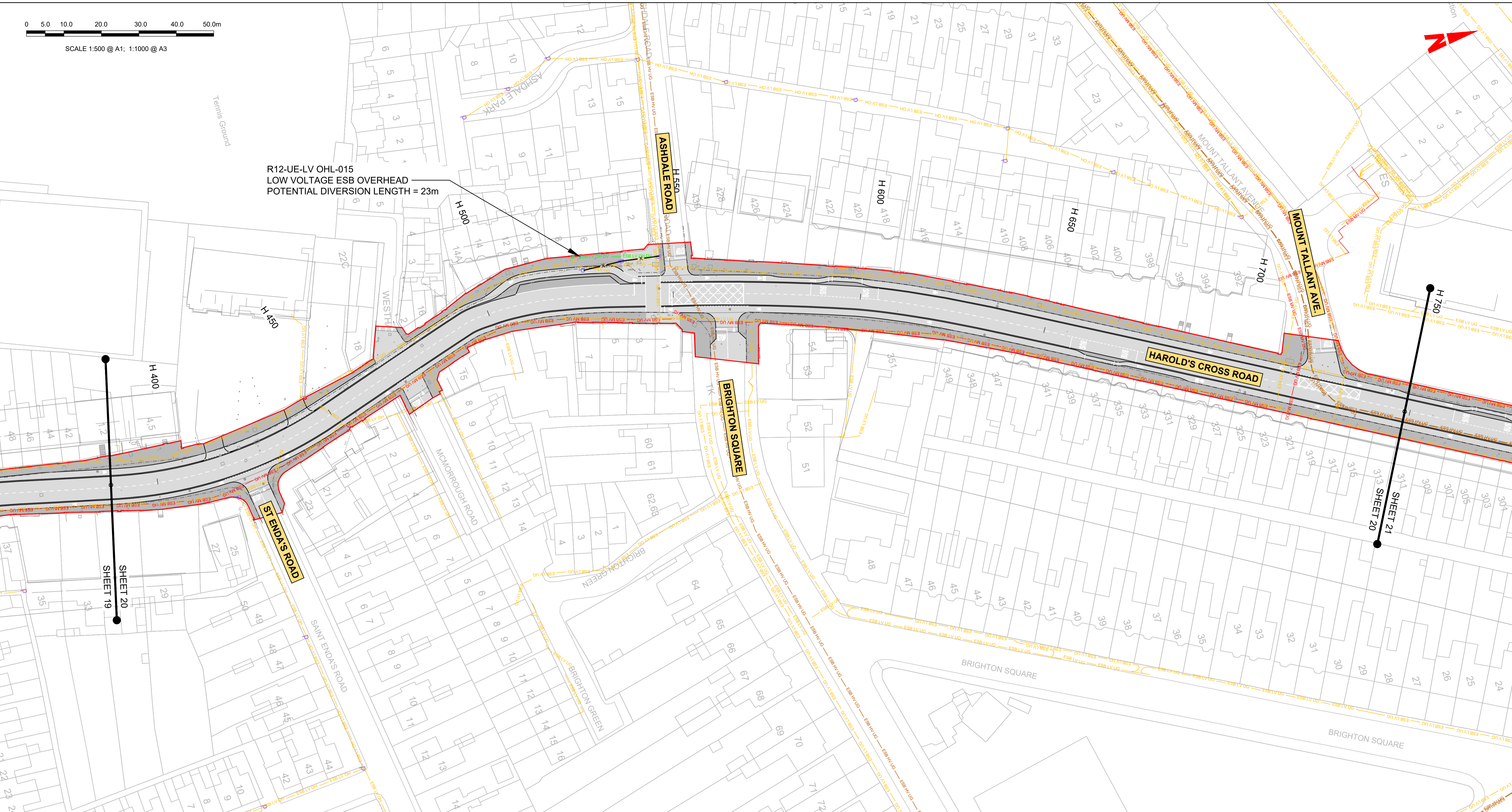
Programme Title: BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title: TEMPLEOGUE / RATHFARNHAM TO CITY CENTRE CORE BUS CORRIDOR SCHEME ESB ASSET ALTERATIONS			
Drawing File Name: BCIDC-ARP-UTL_UE-1012_XX_00-DR-CU-0019	Sheet Number: 19 of 37	Status: A	Rev: M01

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0 50 100 200 300 400 500m

SCALE 1:500 @ A1; 1:1000 @ A3

R12-UE-LV OHL-015
LOW VOLTAGE ESB OVERHEAD
POTENTIAL DIVERSION LENGTH = 23m



LEGEND:

	EXISTING KERB LINE		PROPOSED KERB LINE		ESB - EXISTING ELECTRICAL NETWORK TO BE DECOMMISSIONED
	ESB - HIGH VOLTAGE - EXISTING UNDERGROUND		ESB - HIGH VOLTAGE - PROPOSED UNDERGROUND DIVERSION		
	ESB - HIGH VOLTAGE - EXISTING OVERHEAD		ESB - HIGH VOLTAGE - PROPOSED OVERHEAD DIVERSION		
	ESB - MEDIUM VOLTAGE - EXISTING UNDERGROUND		ESB - MEDIUM VOLTAGE - PROPOSED UNDERGROUND DIVERSION		
	ESB - MEDIUM VOLTAGE - EXISTING OVERHEAD		ESB - MEDIUM VOLTAGE - PROPOSED OVERHEAD DIVERSION		
	ESB - LOW VOLTAGE - EXISTING UNDERGROUND		ESB - LOW VOLTAGE - PROPOSED UNDERGROUND DIVERSION		
	ESB - LOW VOLTAGE - EXISTING OVERHEAD		ESB - LOW VOLTAGE - PROPOSED OVERHEAD DIVERSION		
	SITE BOUNDARY LINE		TEMPORARY LAND TAKE		

NOTES:

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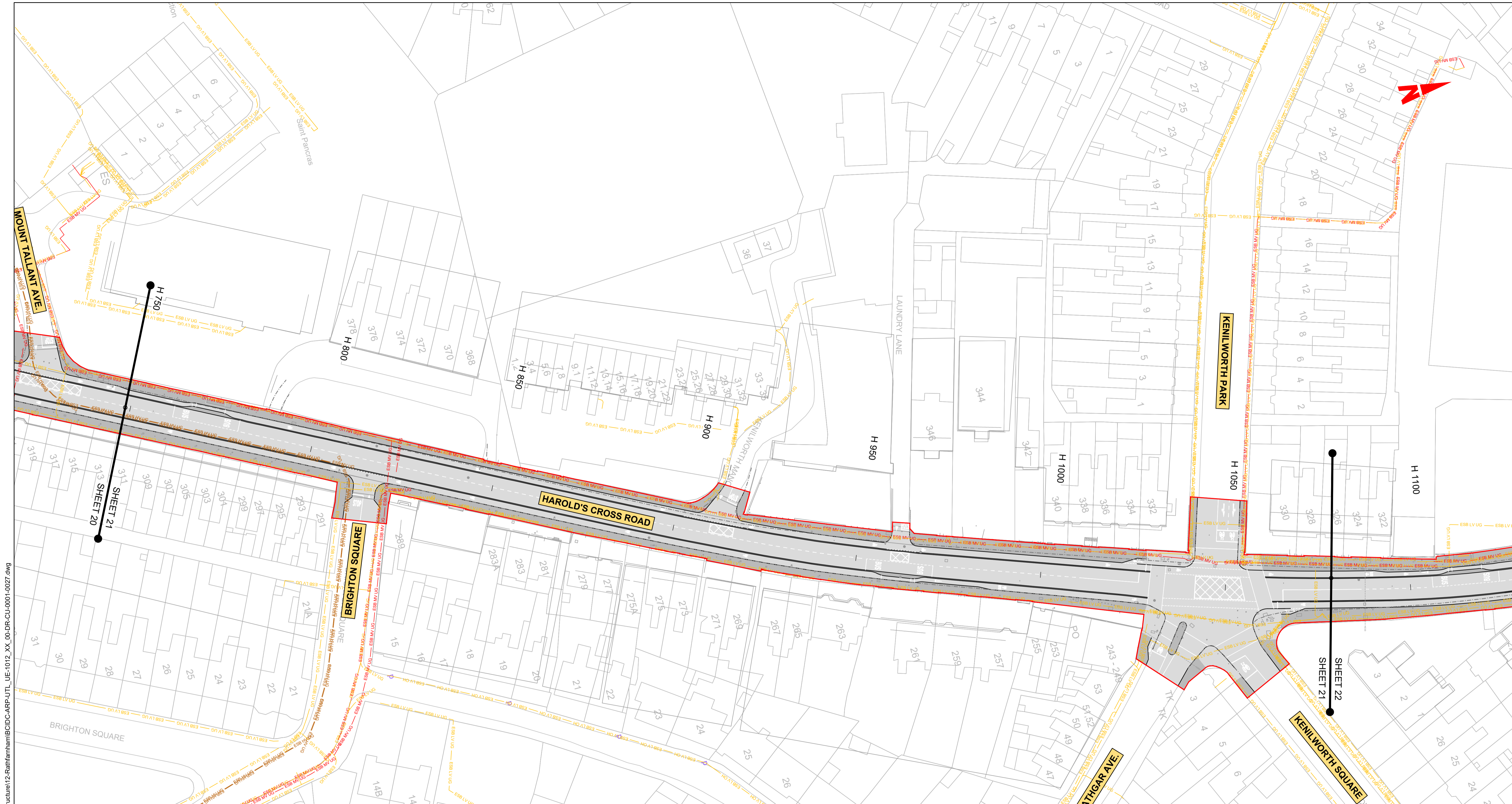
Rev	Date	Drn	Chk'd	App'd	Description
M01	27/01/2023	AG	SW	DC	ISSUE FOR PHASE 4: PLANNING

Client
NTA
 Údarás Náisiúnta Iompair
 National Transport Authority

Engineering Designer
ARUP

Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS	
Drawing Title TEMPLEOGUE / RATHFARNHAM TO CITY CENTRE CORE BUS CORRIDOR SCHEME ESB ASSET ALTERATIONS	
Drawing File Name BCIDC-ARP-UTL_UE-1012_XX_00-DR-CU-0020	Sheet Number 20 of 37
Status A	Rev M01

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LEGEND:

	EXISTING KERB LINE		PROPOSED KERB LINE		ESB - EXISTING ELECTRICAL NETWORK TO BE DECOMMISSIONED
	ESB - HIGH VOLTAGE - EXISTING UNDERGROUND		ESB - HIGH VOLTAGE - PROPOSED UNDERGROUND DIVERSION		
	ESB - HIGH VOLTAGE - EXISTING OVERHEAD		ESB - HIGH VOLTAGE - PROPOSED OVERHEAD DIVERSION		
	ESB - MEDIUM VOLTAGE - EXISTING UNDERGROUND		ESB - MEDIUM VOLTAGE - PROPOSED UNDERGROUND DIVERSION		
	ESB - MEDIUM VOLTAGE - EXISTING OVERHEAD		ESB - MEDIUM VOLTAGE - PROPOSED OVERHEAD DIVERSION		
	ESB - LOW VOLTAGE - EXISTING UNDERGROUND		ESB - LOW VOLTAGE - PROPOSED UNDERGROUND DIVERSION		
	ESB - LOW VOLTAGE - EXISTING OVERHEAD		ESB - LOW VOLTAGE - PROPOSED OVERHEAD DIVERSION		
	SITE BOUNDARY LINE		TEMPORARY LAND TAKE		

NOTES:

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

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

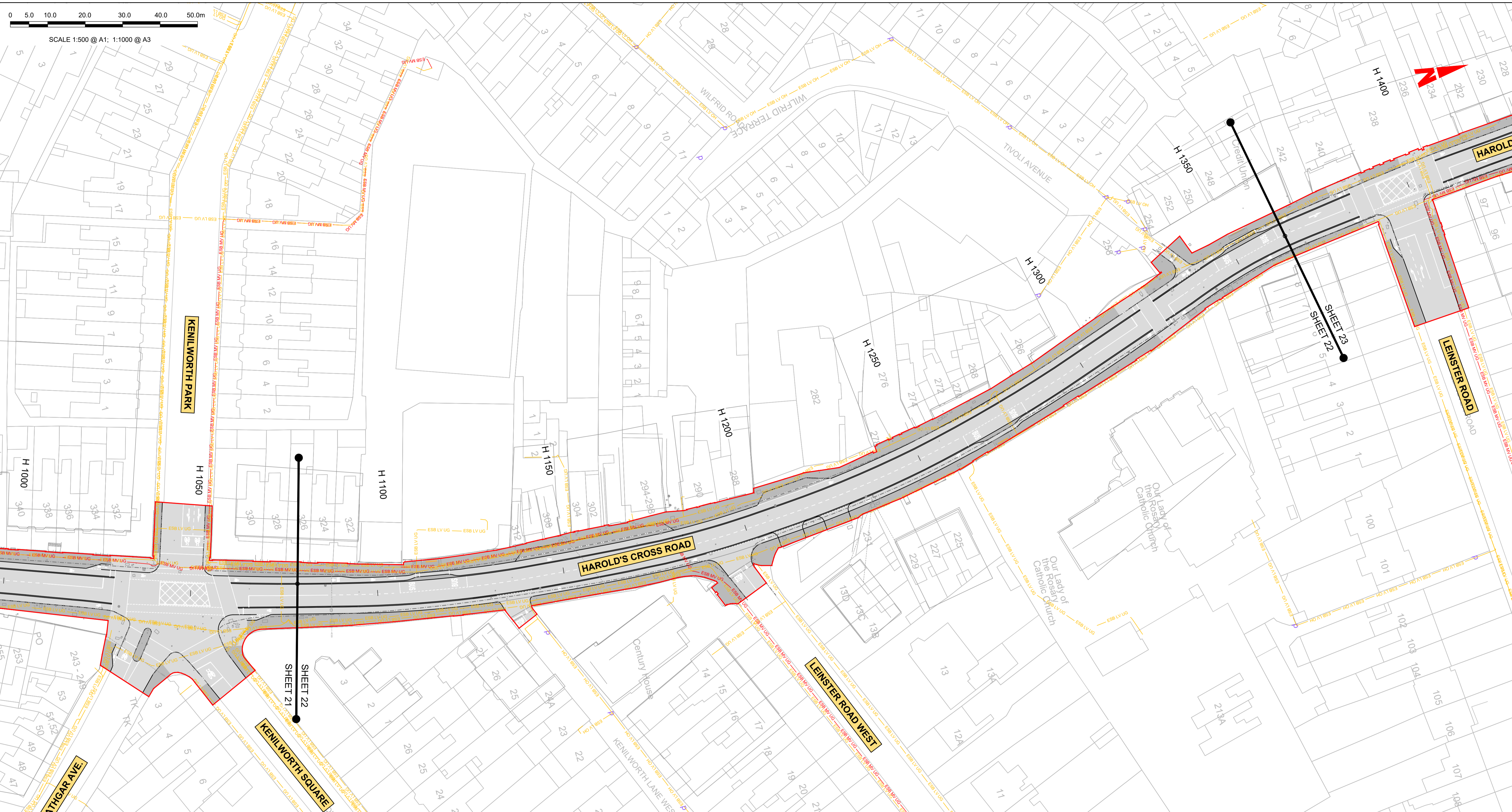
Engineering Designer: **ARUP**

Date	Scale	Drawn	Checked	Approved
27/01/2023	1:500 @ A1 1:1000 @ A3	AG	SW	DC

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

Programme Title: BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title: TEMPLEOGUE / RATHFARNHAM TO CITY CENTRE CORE BUS CORRIDOR SCHEME ESB ASSET ALTERATIONS			
Drawing File Name: BCIDC-ARP-JTL_UE-1012_XX_00-DR-CU-0021	Sheet Number: 21 of 37	Status: A	Rev: M01

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LEGEND:

	EXISTING KERB LINE		PROPOSED KERB LINE		ESB - EXISTING ELECTRICAL NETWORK TO BE DECOMMISSIONED
	ESB - HIGH VOLTAGE - EXISTING UNDERGROUND		ESB - HIGH VOLTAGE - PROPOSED UNDERGROUND DIVERSION		
	ESB - HIGH VOLTAGE - EXISTING OVERHEAD		ESB - HIGH VOLTAGE - PROPOSED OVERHEAD DIVERSION		
	ESB - MEDIUM VOLTAGE - EXISTING UNDERGROUND		ESB - MEDIUM VOLTAGE - PROPOSED UNDERGROUND DIVERSION		
	ESB - MEDIUM VOLTAGE - EXISTING OVERHEAD		ESB - MEDIUM VOLTAGE - PROPOSED OVERHEAD DIVERSION		
	ESB - LOW VOLTAGE - EXISTING UNDERGROUND		ESB - LOW VOLTAGE - PROPOSED UNDERGROUND DIVERSION		
	ESB - LOW VOLTAGE - EXISTING OVERHEAD		ESB - LOW VOLTAGE - PROPOSED OVERHEAD DIVERSION		
	SITE BOUNDARY LINE		TEMPORARY LAND TAKE		

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

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

Engineering Designer: **ARUP**

Date: 27/01/2023 Scale: 1:500 @ A1, 1:1000 @ A3

Project Code: BCIDC Originator Code: ARP

QMS Code: 268401-00

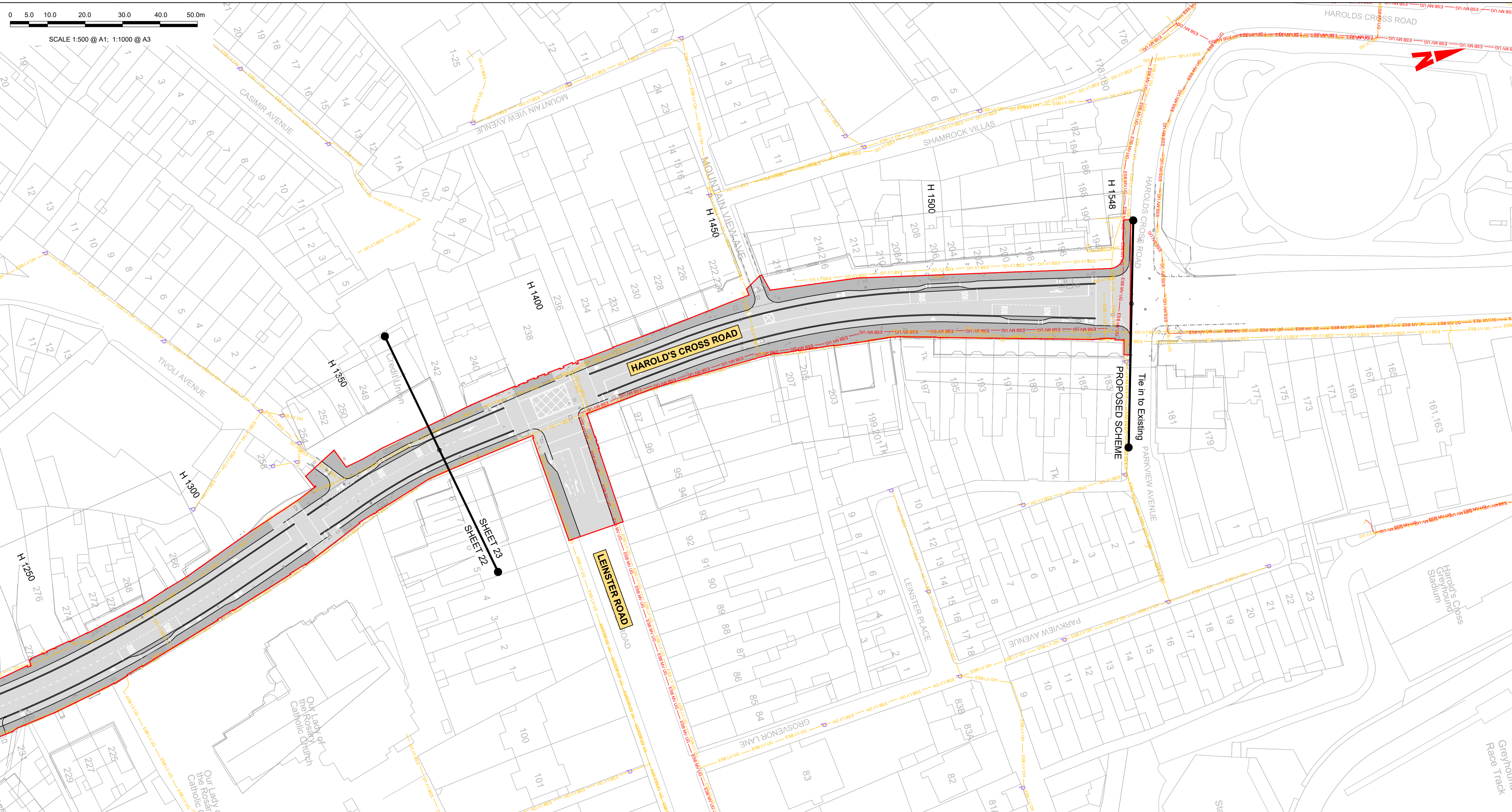
Drawn: AG Checked: SW Approved: DC

Programme Title: BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title: TEMPLEOGUE / RATHFARNHAM TO CITY CENTRE CORE BUS CORRIDOR SCHEME ESB ASSET ALTERATIONS			
Drawing File Name: BCIDC-ARP-JTL_UE-1012_XX_00-DR-CU-0022	Sheet Number: 22 of 37	Status: A	Rev: M01

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SCALE 1:500 @ A1; 1:1000 @ A3



LEGEND:

	EXISTING KERB LINE		PROPOSED KERB LINE		ESB - EXISTING ELECTRICAL NETWORK TO BE DECOMMISSIONED
	ESB - HIGH VOLTAGE - EXISTING UNDERGROUND		ESB - HIGH VOLTAGE - PROPOSED UNDERGROUND DIVERSION	NOTES: 1. UTILITY LOCATIONS ARE INDICATIVE ONLY AND BASED ON UTILITY PROVIDER RECORDS	
	ESB - HIGH VOLTAGE - EXISTING OVERHEAD		ESB - HIGH VOLTAGE - PROPOSED OVERHEAD DIVERSION		
	ESB - MEDIUM VOLTAGE - EXISTING UNDERGROUND		ESB - MEDIUM VOLTAGE - PROPOSED UNDERGROUND DIVERSION		
	ESB - MEDIUM VOLTAGE - EXISTING OVERHEAD		ESB - MEDIUM VOLTAGE - PROPOSED OVERHEAD DIVERSION		
	ESB - LOW VOLTAGE - EXISTING UNDERGROUND		ESB - LOW VOLTAGE - PROPOSED UNDERGROUND DIVERSION		
	ESB - LOW VOLTAGE - EXISTING OVERHEAD		ESB - LOW VOLTAGE - PROPOSED OVERHEAD DIVERSION		
	SITE BOUNDARY LINE		TEMPORARY LAND TAKE		

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

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

Engineering Designer: **ARUP**

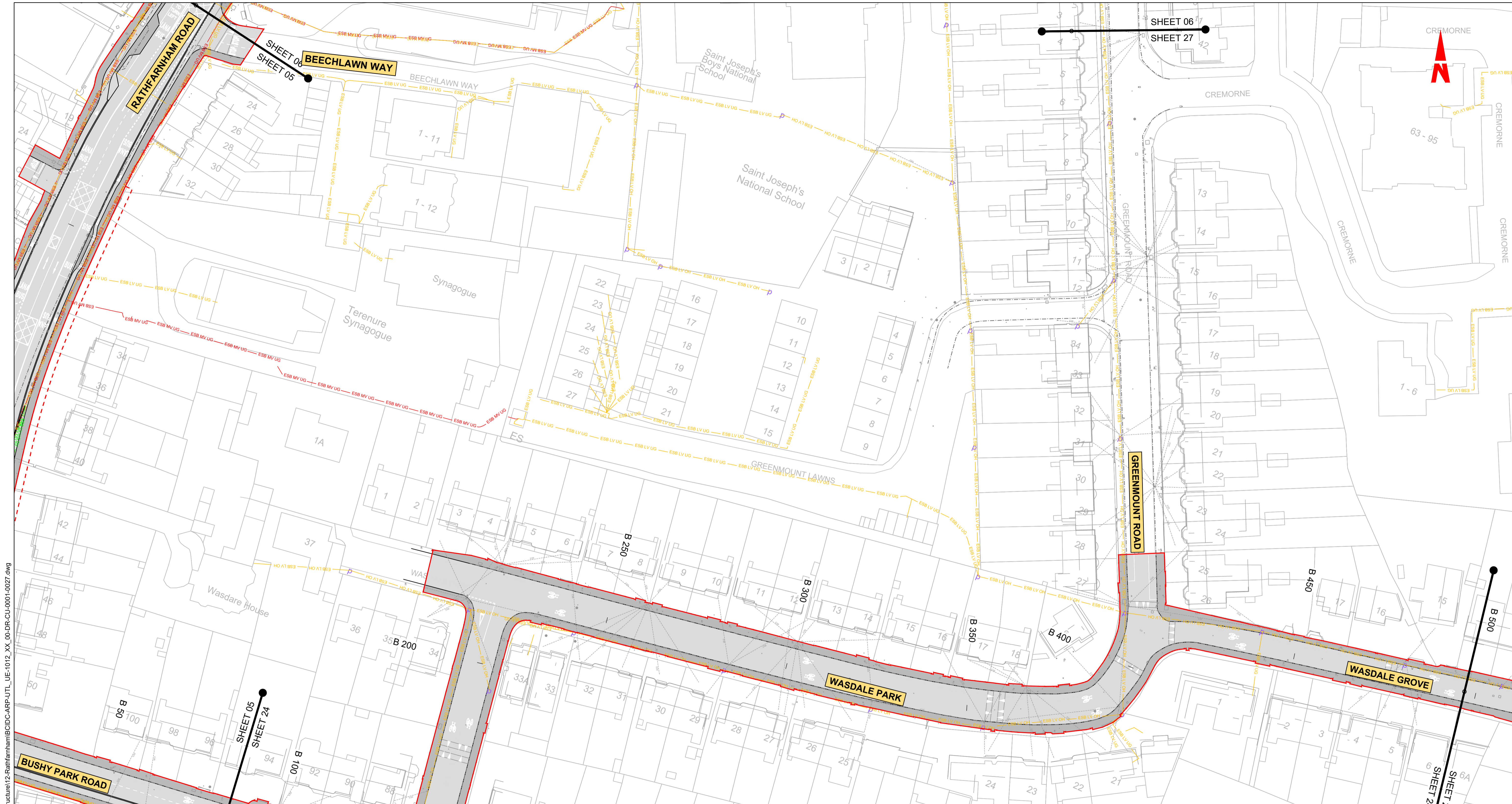
Date: 27/01/2023 | Scale: 1:500 @ A1, 1:1000 @ A3 | Drawn: AG | Checked: SW | Approved: DC

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

Programme Title: BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title: TEMPLEOGUE / RATHFARNHAM TO CITY CENTRE CORE BUS CORRIDOR SCHEME ESB ASSET ALTERATIONS			
Drawing File Name: BCIDC-ARP-UTL_UE-1012_XX_00-DR-CU-0023	Sheet Number: 23 of 37	Status: A	Rev: M01

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 268401-004

LEGEND:

	EXISTING KERB LINE		PROPOSED KERB LINE		ESB - EXISTING ELECTRICAL NETWORK TO BE DECOMMISSIONED
	ESB - HIGH VOLTAGE - EXISTING UNDERGROUND		ESB - HIGH VOLTAGE - PROPOSED UNDERGROUND DIVERSION		ESB - HIGH VOLTAGE - PROPOSED OVERHEAD DIVERSION
	ESB - HIGH VOLTAGE - EXISTING OVERHEAD		ESB - HIGH VOLTAGE - PROPOSED OVERHEAD DIVERSION		ESB - MEDIUM VOLTAGE - PROPOSED UNDERGROUND DIVERSION
	ESB - MEDIUM VOLTAGE - EXISTING UNDERGROUND		ESB - MEDIUM VOLTAGE - PROPOSED OVERHEAD DIVERSION		ESB - MEDIUM VOLTAGE - PROPOSED OVERHEAD DIVERSION
	ESB - MEDIUM VOLTAGE - EXISTING OVERHEAD		ESB - MEDIUM VOLTAGE - PROPOSED UNDERGROUND DIVERSION		ESB - LOW VOLTAGE - PROPOSED UNDERGROUND DIVERSION
	ESB - LOW VOLTAGE - EXISTING UNDERGROUND		ESB - LOW VOLTAGE - PROPOSED OVERHEAD DIVERSION		ESB - LOW VOLTAGE - PROPOSED OVERHEAD DIVERSION
	ESB - LOW VOLTAGE - EXISTING OVERHEAD		ESB - LOW VOLTAGE - PROPOSED UNDERGROUND DIVERSION		ESB - LOW VOLTAGE - PROPOSED OVERHEAD DIVERSION
	SITE BOUNDARY LINE		TEMPORARY LAND TAKE		

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- UTILITY LOCATIONS ARE INDICATIVE ONLY AND BASED ON UTILITY PROVIDER RECORDS

<p>Rev M01 Date 27/01/2023 Dn AG Chk'd SW App'd DC Description ISSUE FOR PHASE 4: PLANNING</p>		<p>Client NTA Udaráis Náisiúnta Iompair National Transport Authority</p>		<p>Engineering Designer ARUP</p>		<p>Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</p>	
<p>Date 27/01/2023 Scale 1:500 @ A1 1:1000 @ A3 Drawn AG Checked SW Approved DC</p>		<p>Project Code BCIDC Originator Code ARP QMS Code 268401-00</p>		<p>Drawing File Name BCIDC-ARP-JTL_UE-1012_XX_00-DR-CU-0024 Sheet Number 24 of 37 Status A Rev M01</p>		<p>Drawing Title TEMPLEOGUE / RATHFARNHAM TO CITY CENTRE CORE BUS CORRIDOR SCHEME ESB ASSET ALTERATIONS</p>	

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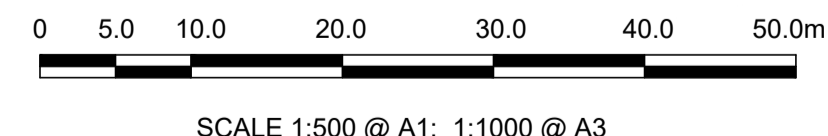
Project Ireland 2040
Building Ireland's Future

LEGEND:

	EXISTING KERB LINE		PROPOSED KERB LINE
	ESB - HIGH VOLTAGE - EXISTING UNDERGROUND		ESB - HIGH VOLTAGE - PROPOSED UNDERGROUND DIVERSION
	ESB - HIGH VOLTAGE - EXISTING OVERHEAD		ESB - HIGH VOLTAGE - PROPOSED OVERHEAD DIVERSION
	ESB - MEDIUM VOLTAGE - EXISTING UNDERGROUND		ESB - MEDIUM VOLTAGE - PROPOSED UNDERGROUND DIVERSION
	ESB - MEDIUM VOLTAGE - EXISTING OVERHEAD		ESB - MEDIUM VOLTAGE - PROPOSED OVERHEAD DIVERSION
	ESB - LOW VOLTAGE - EXISTING UNDERGROUND		ESB - LOW VOLTAGE - PROPOSED UNDERGROUND DIVERSION
	ESB - LOW VOLTAGE - EXISTING OVERHEAD		ESB - LOW VOLTAGE - PROPOSED OVERHEAD DIVERSION
	SITE BOUNDARY LINE		TEMPORARY LAND TAKE

NOTES:

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Project Ireland 2040
 Building Ireland's Future

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

Client		Engineering Designer		Programme Title	
NTA Udárás Náisiúnta Iompair National Transport Authority		ARUP		BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS	
Date	Scale	Drawn	Checked	Approved	Drawing Title
27/01/2023	1:500 @ A1 1:1000 @ A3	AG	SW	DC	TEMPLEOGUE / RATHFARNHAM TO CITY CENTRE CORE BUS CORRIDOR SCHEME ESB ASSET ALTERATIONS
Project Code	Originator Code	QMS Code	Drawing File Name		Sheet Number
BCIDC	ARP	268401-00	BCIDC-ARP-UTL_UE-1012_XX_00-DR-CU-0025		25 of 37
Status		Rev			
A		M01			

Client	Engineering Designer	Programme Title
NTA Udárás Náisiúnta Iompair National Transport Authority	ARUP	BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS
Date	Scale	Drawn
27/01/2023	1:500 @ A1 1:1000 @ A3	AG
Project Code	Originator Code	QMS Code
BCIDC	ARP	268401-00
Drawing File Name		Sheet Number
BCIDC-ARP-UTL_UE-1012_XX_00-DR-CU-0025		25 of 37
Status	Rev	
A	M01	

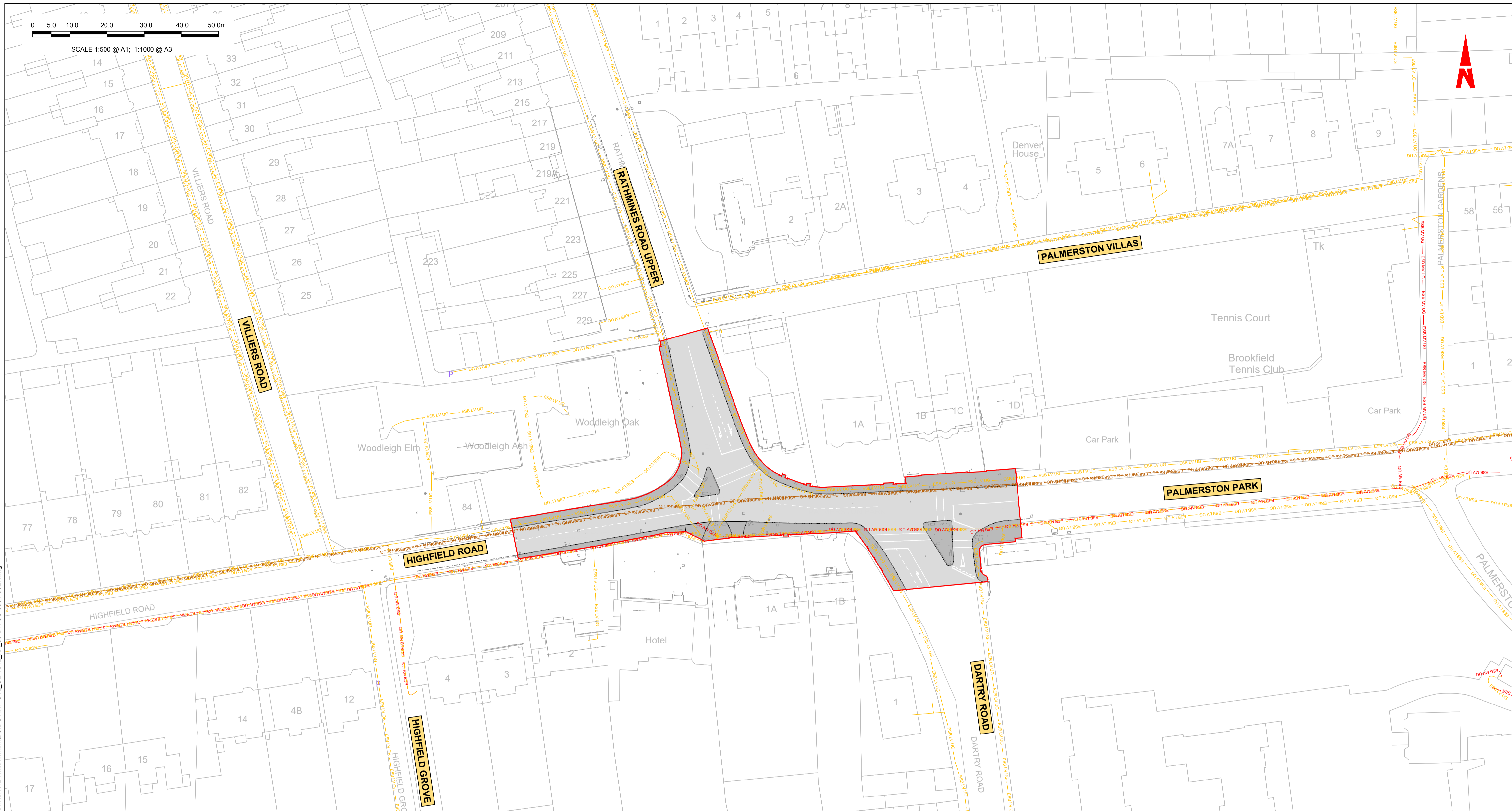
Client	Engineering Designer	Programme Title
NTA Udárás Náisiúnta Iompair National Transport Authority	ARUP	BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS
Date	Scale	Drawn
27/01/2023	1:500 @ A1 1:1000 @ A3	AG
Project Code	Originator Code	QMS Code
BCIDC	ARP	268401-00
Drawing File Name		Sheet Number
BCIDC-ARP-UTL_UE-1012_XX_00-DR-CU-0025		25 of 37
Status	Rev	
A	M01	

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SCALE 1:500 @ A1; 1:1000 @ A3



LEGEND:

- EXISTING KERB LINE
- PROPOSED KERB LINE
- x --- x --- x --- x --- ESB - EXISTING ELECTRICAL NETWORK TO BE DECOMMISSIONED
- ESB - HIGH VOLTAGE - EXISTING UNDERGROUND
- ESB - HIGH VOLTAGE - EXISTING OVERHEAD
- ESB - MEDIUM VOLTAGE - EXISTING UNDERGROUND
- ESB - MEDIUM VOLTAGE - EXISTING OVERHEAD
- ESB - LOW VOLTAGE - EXISTING UNDERGROUND
- ESB - LOW VOLTAGE - EXISTING OVERHEAD
- SITE BOUNDARY LINE
- ESB - HIGH VOLTAGE - PROPOSED UNDERGROUND DIVERSION
- ESB - HIGH VOLTAGE - PROPOSED OVERHEAD DIVERSION
- ESB - MEDIUM VOLTAGE - PROPOSED UNDERGROUND DIVERSION
- ESB - MEDIUM VOLTAGE - PROPOSED OVERHEAD DIVERSION
- ESB - LOW VOLTAGE - PROPOSED UNDERGROUND DIVERSION
- ESB - LOW VOLTAGE - PROPOSED OVERHEAD DIVERSION
- TEMPORARY LAND TAKE

NOTES:

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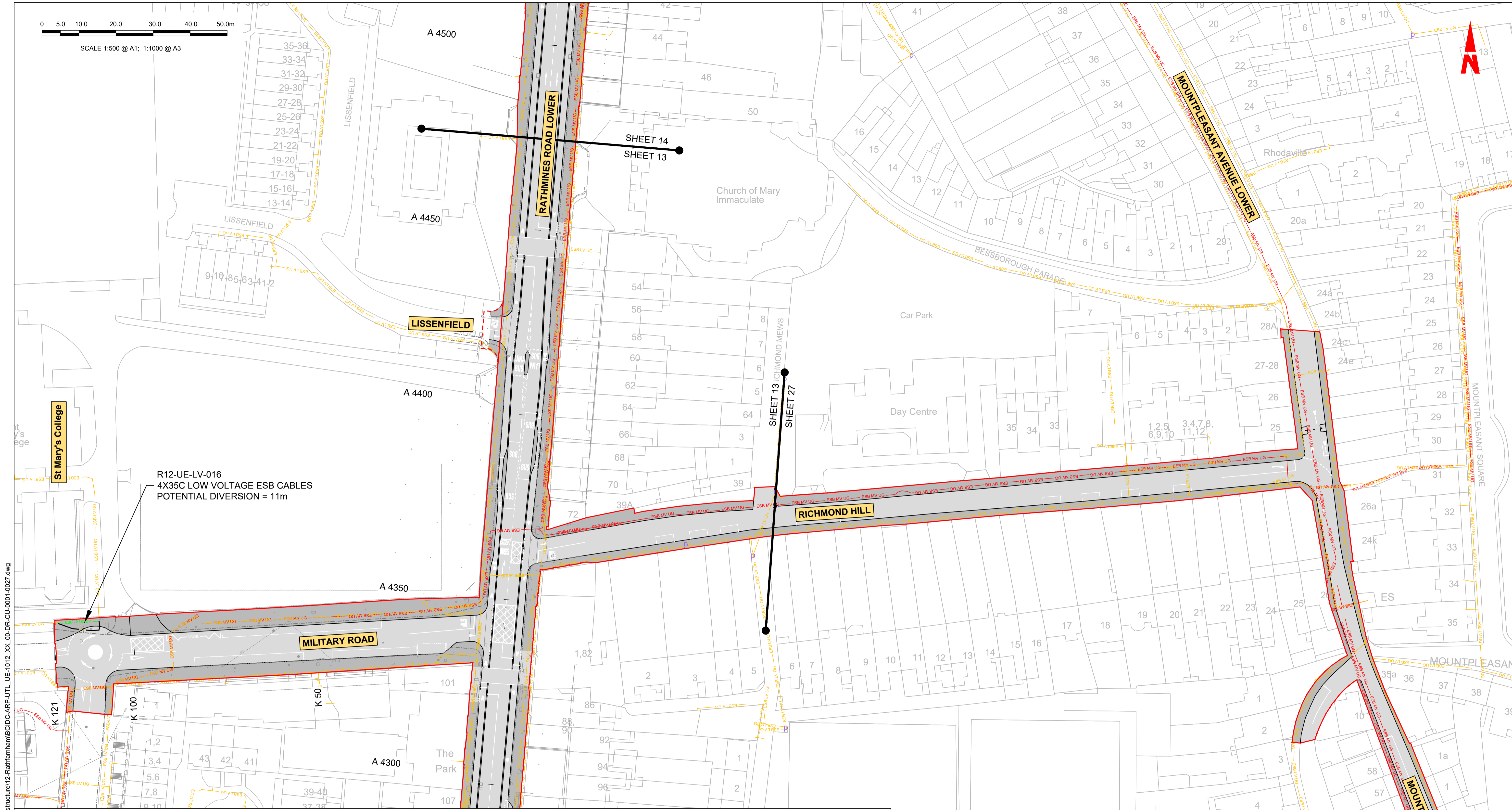
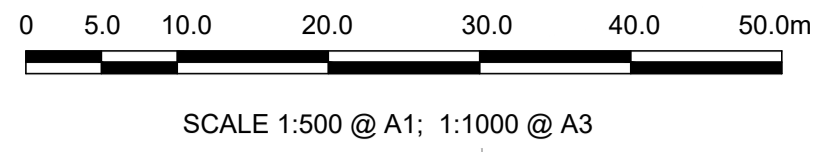


Rev	Date	Drn	Chk'd	App'd	Description
M01	27/01/2023	AG	SW	DC	ISSUE FOR PHASE 4: PLANNING

Client
NTA
Udárás Náisiúnta Iompair
National Transport Authority

Engineering Designer
ARUP

Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS	
Drawing Title TEMPLEOGUE / RATHFARNHAM TO CITY CENTRE CORE BUS CORRIDOR SCHEME ESB ASSET ALTERATIONS	
Drawing File Name BCIDC-ARP-UTL_UE-1012_XX_00-DR-CU-0026	Sheet Number 26 of 37
Status A	Rev M01



R12-UE-LV-016
4X35C LOW VOLTAGE ESB CABLES
POTENTIAL DIVERSION = 11m

LEGEND:

	EXISTING KERB LINE		PROPOSED KERB LINE		ESB - EXISTING ELECTRICAL NETWORK TO BE DECOMMISSIONED
	ESB - HIGH VOLTAGE - EXISTING UNDERGROUND		ESB - HIGH VOLTAGE - PROPOSED UNDERGROUND DIVERSION	NOTES:	
	ESB - HIGH VOLTAGE - EXISTING OVERHEAD		ESB - HIGH VOLTAGE - PROPOSED OVERHEAD DIVERSION	1. UTILITY LOCATIONS ARE INDICATIVE ONLY AND BASED ON UTILITY PROVIDER RECORDS	
	ESB - MEDIUM VOLTAGE - EXISTING UNDERGROUND		ESB - MEDIUM VOLTAGE - PROPOSED UNDERGROUND DIVERSION		
	ESB - MEDIUM VOLTAGE - EXISTING OVERHEAD		ESB - MEDIUM VOLTAGE - PROPOSED OVERHEAD DIVERSION		
	ESB - LOW VOLTAGE - EXISTING UNDERGROUND		ESB - LOW VOLTAGE - PROPOSED UNDERGROUND DIVERSION		
	ESB - LOW VOLTAGE - EXISTING OVERHEAD		ESB - LOW VOLTAGE - PROPOSED OVERHEAD DIVERSION		
	SITE BOUNDARY LINE		TEMPORARY LAND TAKE		

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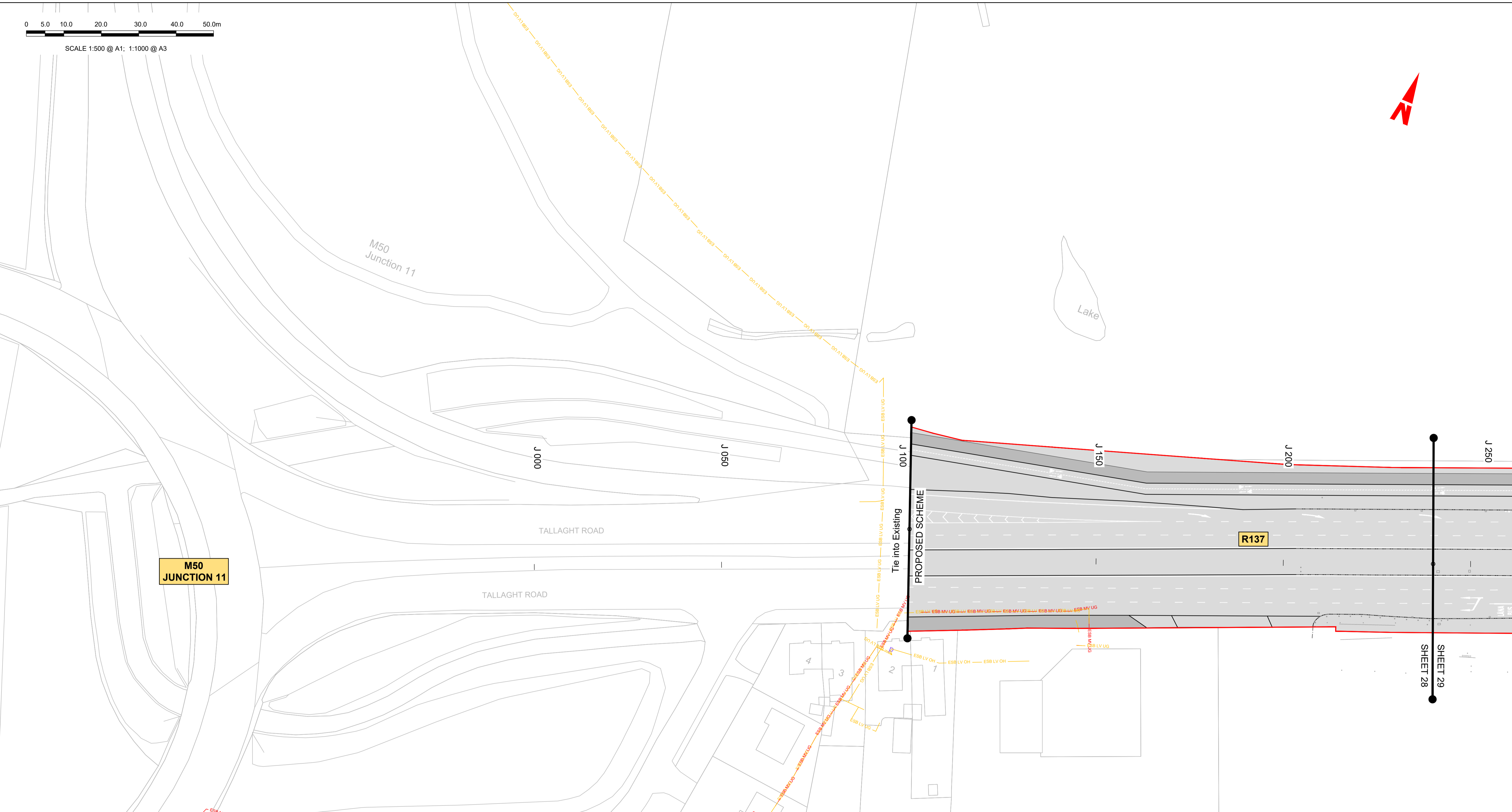
Rev	Date	Drn	Chk'd	App'd	Description
M01	27/01/2023	AG	SW	DC	ISSUE FOR PHASE 4: PLANNING

Client NTA Údarás Náisiúnta Iompair National Transport Authority		Engineering Designer ARUP		
Date 27/01/2023	Scale 1:500 @ A1 1:1000 @ A3	Drawn AG	Checked SW	Approved DC
Project Code BCIDC	Originator Code ARP	QMS Code 268401-00		

Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS				
Drawing Title TEMPLEOGUE / RATHFARNHAM TO CITY CENTRE CORE BUS CORRIDOR SCHEME ESB ASSET ALTERATIONS				
Drawing File Name BCIDC-ARP-UTL_UE-1012_XX_00-DR-CU-0027	Sheet Number 27 of 37	Status A	Rev M01	

0 5.0 10.0 20.0 30.0 40.0 50.0m

SCALE 1:500 @ A1; 1:1000 @ A3



LEGEND:

- EXISTING KERB LINE
- PROPOSED KERB LINE
- ES - HIGH VOLTAGE - EXISTING UNDERGROUND
- ES - HIGH VOLTAGE - EXISTING OVERHEAD
- ES - MEDIUM VOLTAGE - EXISTING UNDERGROUND
- ES - MEDIUM VOLTAGE - EXISTING OVERHEAD
- ES - LOW VOLTAGE - EXISTING UNDERGROUND
- ES - LOW VOLTAGE - EXISTING OVERHEAD
- SITE BOUNDARY LINE
- ES - HIGH VOLTAGE - PROPOSED UNDERGROUND DIVERSION
- ES - HIGH VOLTAGE - PROPOSED OVERHEAD DIVERSION
- ES - MEDIUM VOLTAGE - PROPOSED UNDERGROUND DIVERSION
- ES - MEDIUM VOLTAGE - PROPOSED OVERHEAD DIVERSION
- ES - LOW VOLTAGE - PROPOSED UNDERGROUND DIVERSION
- ES - LOW VOLTAGE - PROPOSED OVERHEAD DIVERSION
- TEMPORARY LAND TAKE

ESB - EXISTING ELECTRICAL NETWORK TO BE DECOMMISSIONED

NOTES:

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Rev	Date	Drm	Chk'd	App'd	Description
M01	27/01/2023	AG	SW	DC	ISSUE FOR PHASE 4: PLANNING

Client

Engineering Designer

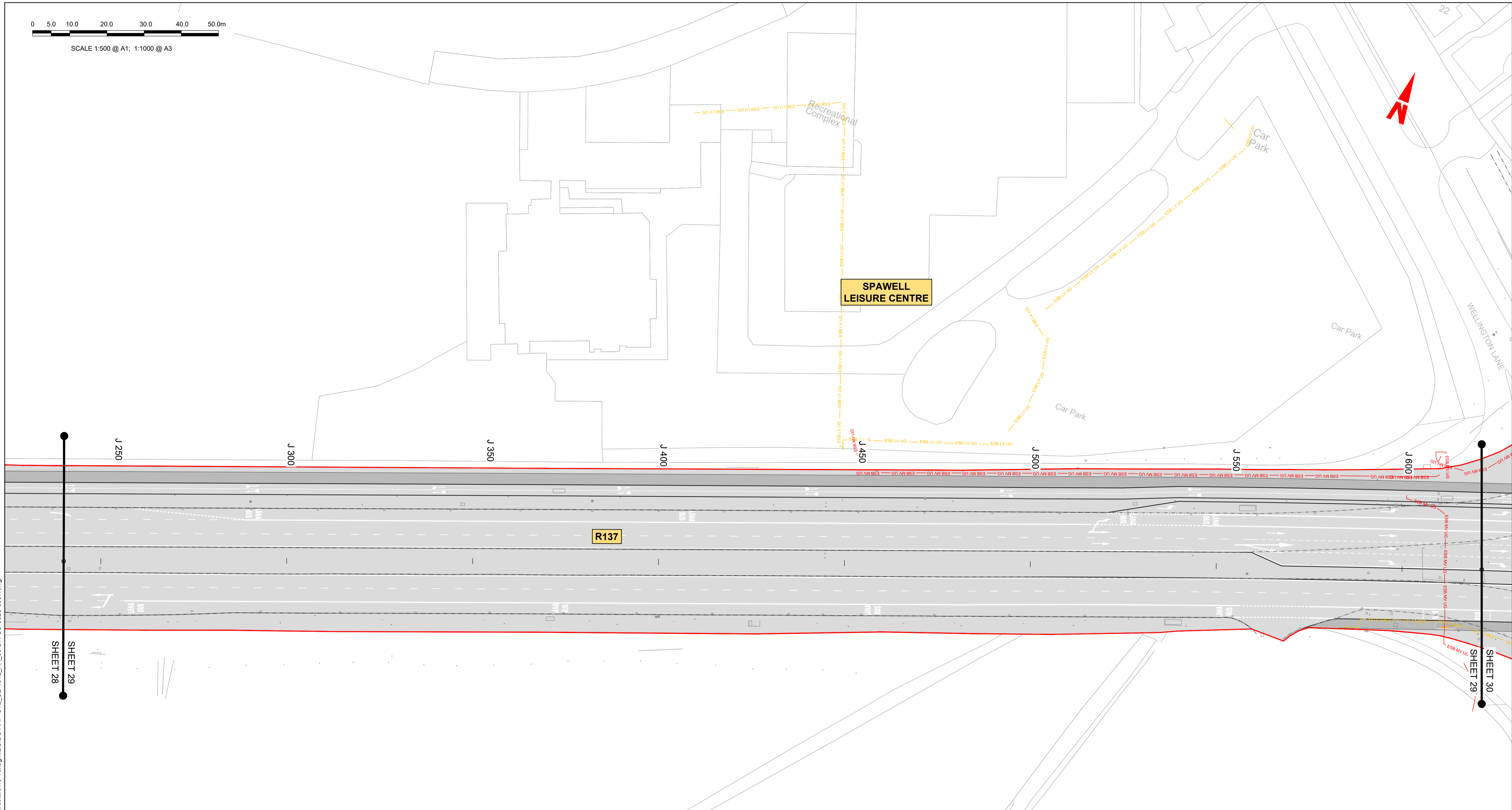
Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS				
Drawing Title TEMPLEOGUE / RATHFARNHAM TO CITY CENTRE CORE BUS CORRIDOR SCHEME ESB ASSET ALTERATIONS				
Date 27/01/2023	Scale BS @ A1 1:500 @ A3	Drawn BCIDC	Checked SW	Approved DC
Project Code BCIDC	Originator Code ARP	QMS Code 268401-00	Drawing File Name BCIDC-ARP-UTL_UE-1012_XX_00-DR-CU-0028	Sheet Number 28 of 37
Status A	Rev M01			

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0 5.0 10.0 20.0 30.0 40.0 50.0m

SCALE 1:500 @ A1; 1:1000 @ A3



LEGEND:

- EXISTING KERB LINE
- PROPOSED KERB LINE
- ESB - HIGH VOLTAGE - EXISTING UNDERGROUND
- ESB - HIGH VOLTAGE - PROPOSED UNDERGROUND DIVERSION
- ESB - HIGH VOLTAGE - EXISTING OVERHEAD
- ESB - HIGH VOLTAGE - PROPOSED OVERHEAD DIVERSION
- ESB - MEDIUM VOLTAGE - EXISTING UNDERGROUND
- ESB - MEDIUM VOLTAGE - PROPOSED UNDERGROUND DIVERSION
- ESB - MEDIUM VOLTAGE - EXISTING OVERHEAD
- ESB - MEDIUM VOLTAGE - PROPOSED OVERHEAD DIVERSION
- ESB - LOW VOLTAGE - EXISTING UNDERGROUND
- ESB - LOW VOLTAGE - PROPOSED UNDERGROUND DIVERSION
- ESB - LOW VOLTAGE - EXISTING OVERHEAD
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Rev	Date	Drm	Chk'd	App'd	Description
M01	27/01/2023	AG	SW	DC	ISSUE FOR PHASE 4: PLANNING

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

Engineering Designer: **ARUP**

Date: 27/01/2023 | Scale: 1:500 @ A1, 1:1000 @ A3 | Drawn: AG, Checked: SW, Approved: DC

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

Programme Title: BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title: TEMPLEOGUE / RATHFARNHAM TO CITY CENTRE CORE BUS CORRIDOR SCHEME ESB ASSET ALTERATIONS			
Drawing File Name: BCIDC-ARP-UTL_UE-1012_XX_00-DR-CU-0029	Sheet Number: 29 of 37	Status: A	Rev: M01

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0 5.0 10.0 20.0 30.0 40.0 50.0m

SCALE 1:500 @ A1; 1:1000 @ A3

TEMPLEOGUE CEMETERY

WELLINGTON LANE

Tie into Wellington Lane Walking and Cycling Scheme
PROPOSED SCHEME

ROSSMORE PARK

ROSSMORE CRESCENT

R137 TEMPLEOGUE ROAD

R10 - UE - MV - 001
3X1/185 XLP MEDIUM VOLTAGE ESB
POTENTIAL DIVERSION LENGTH = 93m

SPAWELL

Tie into Dodder Greenway
PROPOSED SCHEME

LEGEND:

- EXISTING KERB LINE
- PROPOSED KERB LINE
- x --- x --- x --- x --- ESB - EXISTING ELECTRICAL NETWORK TO BE DECOMMISSIONED
- ESB HV UG --- ESB HV UG --- ESB HV UG --- ESB - HIGH VOLTAGE - EXISTING UNDERGROUND
- ESB HV OH --- ESB HV OH --- ESB HV OH --- ESB - HIGH VOLTAGE - EXISTING OVERHEAD
- ESB MV UG --- ESB MV UG --- ESB MV UG --- ESB - MEDIUM VOLTAGE - EXISTING UNDERGROUND
- ESB MV OH --- ESB MV OH --- ESB MV OH --- ESB - MEDIUM VOLTAGE - EXISTING OVERHEAD
- ESB LV UG --- ESB LV UG --- ESB LV UG --- ESB - LOW VOLTAGE - EXISTING UNDERGROUND
- ESB LV OH --- ESB LV OH --- ESB LV OH --- ESB - LOW VOLTAGE - EXISTING OVERHEAD
- SITE BOUNDARY LINE
- ESB - HIGH VOLTAGE - PROPOSED UNDERGROUND DIVERSION
- ESB - HIGH VOLTAGE - PROPOSED OVERHEAD DIVERSION
- ESB - MEDIUM VOLTAGE - PROPOSED UNDERGROUND DIVERSION
- ESB - MEDIUM VOLTAGE - PROPOSED OVERHEAD DIVERSION
- ESB - LOW VOLTAGE - PROPOSED UNDERGROUND DIVERSION
- ESB - LOW VOLTAGE - PROPOSED OVERHEAD DIVERSION
- TEMPORARY LAND TAKE

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Project Ireland 2040
Building Ireland's Future

Rev M01 Date 27/01/2023 Dm AG Chk'd SW App'd DC Description ISSUE FOR PHASE 4: PLANNING

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

Engineering Designer **ARUP**

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

Drawing Title
TEMPLEOGUE / RATHFARNHAM TO CITY CENTRE CORE BUS CORRIDOR SCHEME
ESB ASSET ALTERATIONS

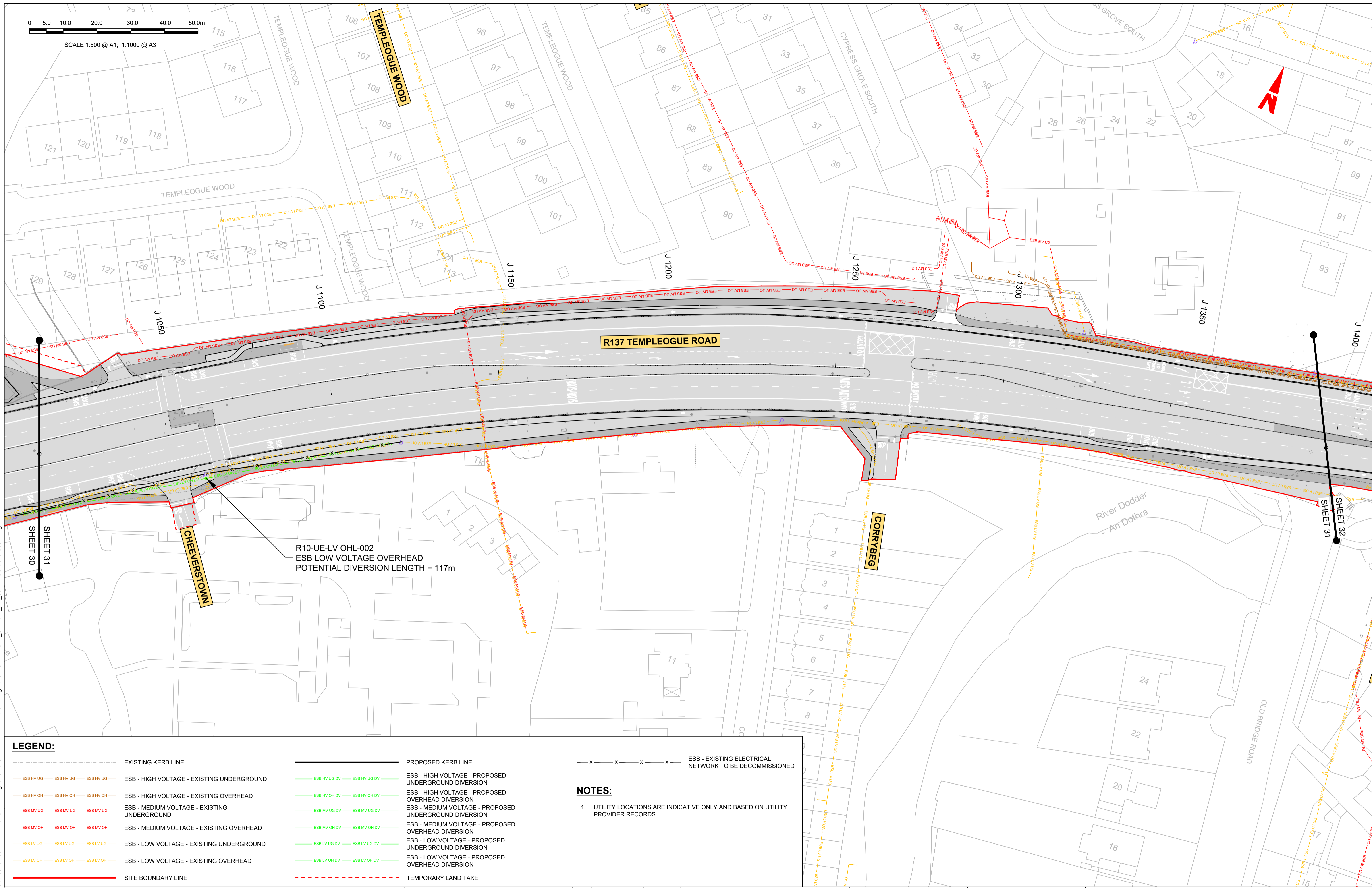
Date 27/01/2023 Scale 1:500 @ A1
1:1000 @ A3 Drawn AG Checked SW Approved DC

Project Code BCIDC Originator Code ARP QMS Code 268401-00

Drawing File Name BCIDC-ARP-UTL_UE-1012_XX_00-DR-CU-0030 Sheet Number 30 of 37 Status A Rev M01

0 5.0 10.0 20.0 30.0 40.0 50.0m

SCALE 1:500 @ A1; 1:1000 @ A3



LEGEND:

- EXISTING KERB LINE
- PROPOSED KERB LINE
- ESB - HIGH VOLTAGE - EXISTING UNDERGROUND
- ESB - HIGH VOLTAGE - EXISTING OVERHEAD
- ESB - MEDIUM VOLTAGE - EXISTING UNDERGROUND
- ESB - MEDIUM VOLTAGE - EXISTING OVERHEAD
- ESB - LOW VOLTAGE - EXISTING UNDERGROUND
- ESB - LOW VOLTAGE - EXISTING OVERHEAD
- SITE BOUNDARY LINE
- ESB - HIGH VOLTAGE - PROPOSED UNDERGROUND DIVERSION
- ESB - HIGH VOLTAGE - PROPOSED OVERHEAD DIVERSION
- ESB - MEDIUM VOLTAGE - PROPOSED UNDERGROUND DIVERSION
- ESB - MEDIUM VOLTAGE - PROPOSED OVERHEAD DIVERSION
- ESB - LOW VOLTAGE - PROPOSED UNDERGROUND DIVERSION
- ESB - LOW VOLTAGE - PROPOSED OVERHEAD DIVERSION
- ESB - EXISTING ELECTRICAL NETWORK TO BE DECOMMISSIONED

NOTES:

- UTILITY LOCATIONS ARE INDICATIVE ONLY AND BASED ON UTILITY PROVIDER RECORDS

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

Client
NTA
 Údarás Náisiúnta Iompair
 National Transport Authority

Engineering Designer
ARUP

Date	Scale	Drawn	Checked	Approved
27/01/2023	1:500 @ A1 1:1000 @ A3	AG	SW	DC

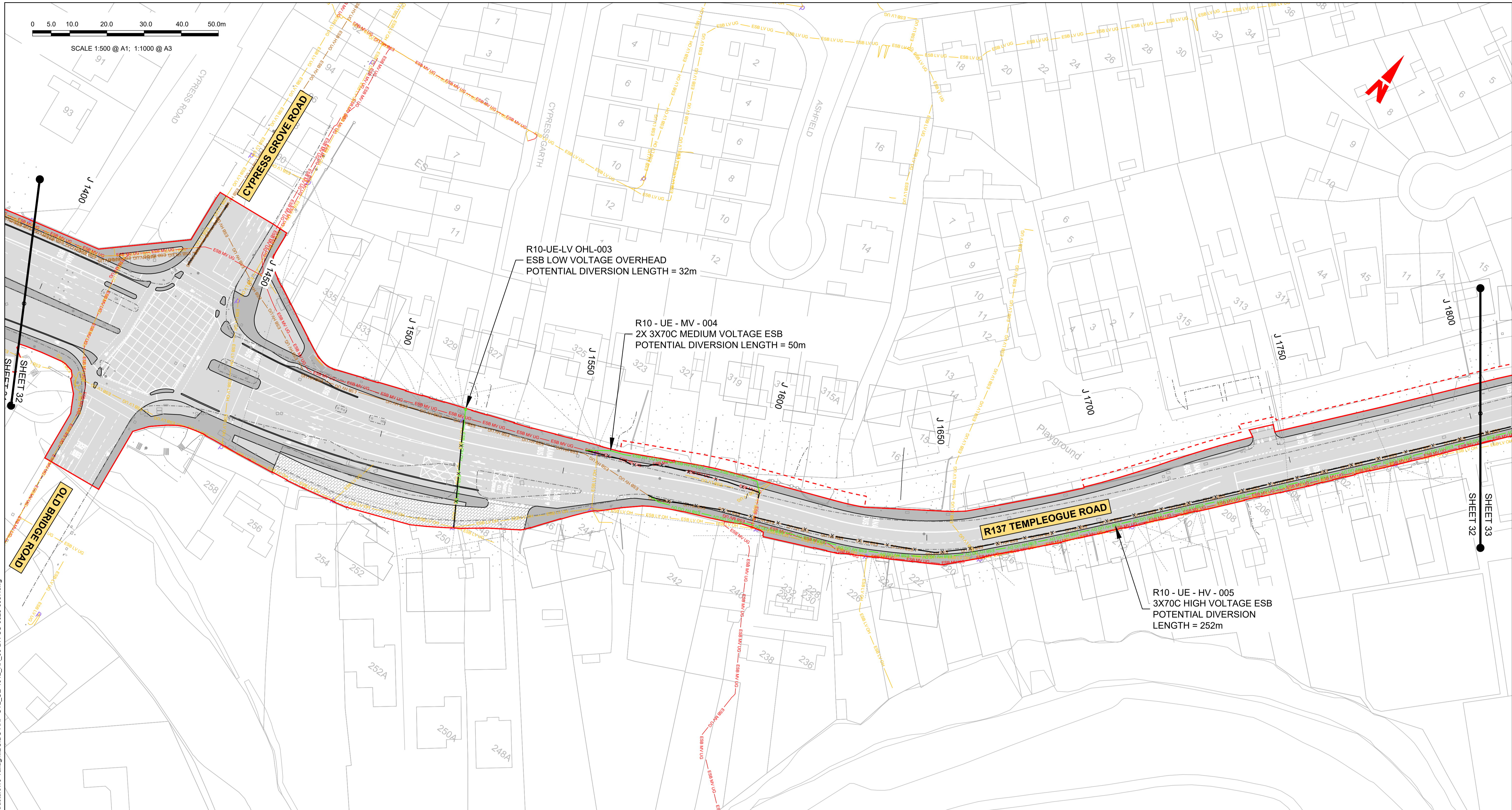
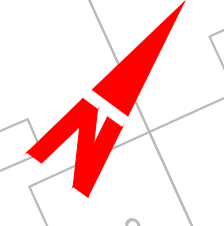
Programme Title
**BUSCONNECTS DUBLIN
 CORE BUS CORRIDORS INFRASTRUCTURE WORKS**

Drawing Title
 TEMPLEOGUE / RATHFARNHAM TO CITY CENTRE CORE BUS CORRIDOR SCHEME
 ESB ASSET ALTERATIONS

Drawing File Name	Sheet Number	Status	Rev
BCIDC-ARP-UTL_UE-1012_XX_00-DR-CU-0031	31 of 37	A	M01

0 50 100 200 300 400 500m

SCALE 1:500 @ A1; 1:1000 @ A3



R10-UE-LV OHL-003
ESB LOW VOLTAGE OVERHEAD
POTENTIAL DIVERSION LENGTH = 32m

R10 - UE - MV - 004
2X 3X70C MEDIUM VOLTAGE ESB
POTENTIAL DIVERSION LENGTH = 50m

R10 - UE - HV - 005
3X70C HIGH VOLTAGE ESB
POTENTIAL DIVERSION LENGTH = 252m

LEGEND:

	EXISTING KERB LINE		PROPOSED KERB LINE		ESB - EXISTING ELECTRICAL NETWORK TO BE DECOMMISSIONED
	ESB - HIGH VOLTAGE - EXISTING UNDERGROUND		ESB - HIGH VOLTAGE - PROPOSED UNDERGROUND DIVERSION	NOTES: 1. UTILITY LOCATIONS ARE INDICATIVE ONLY AND BASED ON UTILITY PROVIDER RECORDS	
	ESB - HIGH VOLTAGE - EXISTING OVERHEAD		ESB - HIGH VOLTAGE - PROPOSED OVERHEAD DIVERSION		
	ESB - MEDIUM VOLTAGE - EXISTING UNDERGROUND		ESB - MEDIUM VOLTAGE - PROPOSED UNDERGROUND DIVERSION		
	ESB - MEDIUM VOLTAGE - EXISTING OVERHEAD		ESB - MEDIUM VOLTAGE - PROPOSED OVERHEAD DIVERSION		
	ESB - LOW VOLTAGE - EXISTING UNDERGROUND		ESB - LOW VOLTAGE - PROPOSED UNDERGROUND DIVERSION		
	ESB - LOW VOLTAGE - EXISTING OVERHEAD		ESB - LOW VOLTAGE - PROPOSED OVERHEAD DIVERSION		
	SITE BOUNDARY LINE		TEMPORARY LAND TAKE		

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

Client NTA Udarás Náisiúnta Iompair National Transport Authority		Engineering Designer ARUP		
Date 27/01/2023	Scale 1:500 @ A1 1:1000 @ A3	Drawn AG	Checked SW	Approved DC
Project Code BCIDC	Originator Code ARP	QMS Code 268401-00		

Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS				
Drawing Title TEMPLEOGUE / RATHFARNHAM TO CITY CENTRE CORE BUS CORRIDOR SCHEME ESB ASSET ALTERATIONS				
Drawing File Name BCIDC-ARP-UTL_UE-1012_XX_00-DR-CU-0032	Sheet Number 32 of 37	Status A	Rev M01	

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0 50 100 200 300 400 500m

SCALE 1:500 @ A1; 1:1000 @ A3

FORTROSE PARK

TEMPLEVILLE PARK

TEMPLEVILLE ROAD

TEMPLEOGUE VILLAGE

R10-UE-LV OHL-006
LOW VOLTAGE ESB OVERHEAD
POTENTIAL DIVERSION LENGTH = 117m

TEMPLEOGUE TENNIS CLUB

R137 TEMPLEOGUE ROAD

SPRINGFIELD AVENUE

LEGEND:

- EXISTING KERB LINE
- PROPOSED KERB LINE
- ESB - HIGH VOLTAGE - EXISTING UNDERGROUND
- ESB - HIGH VOLTAGE - EXISTING OVERHEAD
- ESB - MEDIUM VOLTAGE - EXISTING UNDERGROUND
- ESB - MEDIUM VOLTAGE - EXISTING OVERHEAD
- ESB - LOW VOLTAGE - EXISTING UNDERGROUND
- ESB - LOW VOLTAGE - EXISTING OVERHEAD
- SITE BOUNDARY LINE
- ESB - HIGH VOLTAGE - PROPOSED UNDERGROUND DIVERSION
- ESB - HIGH VOLTAGE - PROPOSED OVERHEAD DIVERSION
- ESB - MEDIUM VOLTAGE - PROPOSED UNDERGROUND DIVERSION
- ESB - MEDIUM VOLTAGE - PROPOSED OVERHEAD DIVERSION
- ESB - LOW VOLTAGE - PROPOSED UNDERGROUND DIVERSION
- ESB - LOW VOLTAGE - PROPOSED OVERHEAD DIVERSION
- ESB - EXISTING ELECTRICAL NETWORK TO BE DECOMMISSIONED

NOTES:

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M01	27/01/2023	AG	SW	DC	ISSUE FOR PHASE 4: PLANNING

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

Engineering Designer: **ARUP**

Date: 27/01/2023 Scale: 1:500 @ A1, 1:1000 @ A3
 Drawn: AG, Checked: SW, Approved: DC

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

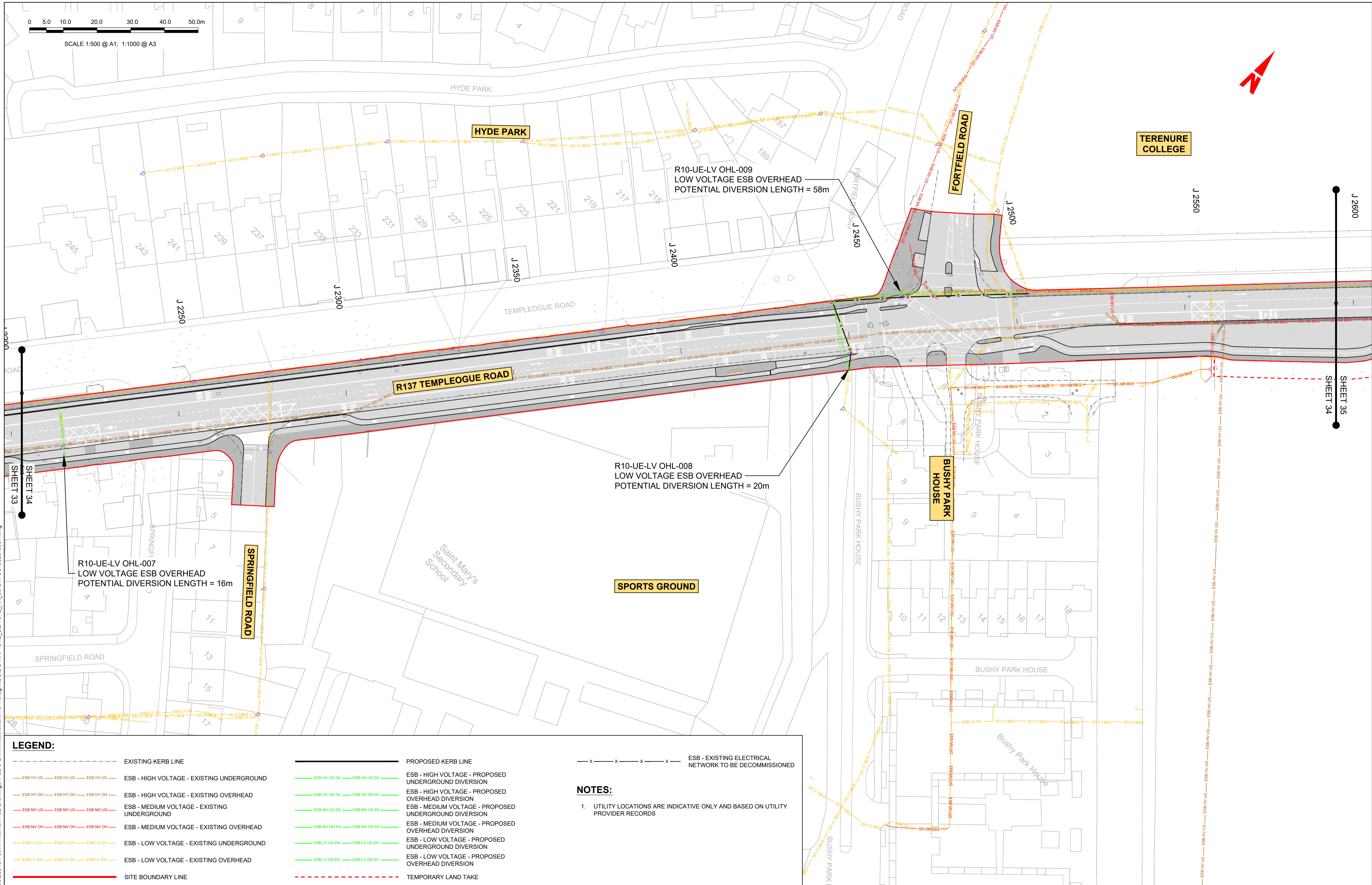
Programme Title: BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title: TEMPLEOGUE / RATHFARNHAM TO CITY CENTRE CORE BUS CORRIDOR SCHEME ESB ASSET ALTERATIONS			
Drawing File Name: BCIDC-ARP-UTL_UE-1012_XX_00-DR-CU-0033	Sheet Number: 33 of 37	Status: A	Rev: M01

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0 5.0 10.0 20.0 30.0 40.0 50.0m

SCALE 1:500 @ A1; 1:1000 @ A3



LEGEND:

	EXISTING KERB LINE		PROPOSED KERB LINE		ESB - EXISTING ELECTRICAL NETWORK TO BE DECOMMISSIONED
	ESB - HIGH VOLTAGE - EXISTING UNDERGROUND		ESB - HIGH VOLTAGE - PROPOSED UNDERGROUND DIVERSION	NOTES: 1. UTILITY LOCATIONS ARE INDICATIVE ONLY AND BASED ON UTILITY PROVIDER RECORDS	
	ESB - HIGH VOLTAGE - EXISTING OVERHEAD		ESB - HIGH VOLTAGE - PROPOSED OVERHEAD DIVERSION		
	ESB - MEDIUM VOLTAGE - EXISTING UNDERGROUND		ESB - MEDIUM VOLTAGE - PROPOSED UNDERGROUND DIVERSION		
	ESB - MEDIUM VOLTAGE - EXISTING OVERHEAD		ESB - MEDIUM VOLTAGE - PROPOSED OVERHEAD DIVERSION		
	ESB - LOW VOLTAGE - EXISTING UNDERGROUND		ESB - LOW VOLTAGE - PROPOSED UNDERGROUND DIVERSION		
	ESB - LOW VOLTAGE - EXISTING OVERHEAD		ESB - LOW VOLTAGE - PROPOSED OVERHEAD DIVERSION		
	SITE BOUNDARY LINE		TEMPORARY LAND TAKE		

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M01	27/01/2023	AG	SW	DC	ISSUE FOR PHASE 4: PLANNING

Client NTA Údaráis Náisiúnta Iompair National Transport Authority		Engineering Designer ARUP		
Date 27/01/2023	Scale 1:500 @ A1 1:1000 @ A3	Drawn AG	Checked SW	Approved DC
Project Code BCIDC	Originator Code ARP	QMS Code 268401-00		

Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS				
Drawing Title TEMPLEOGUE / RATHFARNHAM TO CITY CENTRE CORE BUS CORRIDOR SCHEME ESB ASSET ALTERATIONS				
Drawing File Name BCIDC-ARP-UTL_UE-1012_XX_00-DR-CU-0034	Sheet Number 34 of 37	Status A	Rev M01	

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0 5.0 10.0 20.0 30.0 40.0 50.0m

SCALE 1:500 @ A1; 1:1000 @ A3



TERENURE COLLEGE

R10-UE-LV OHL-010
LOW VOLTAGE ESB OVERHEAD
POTENTIAL DIVERSION LENGTH = 1033m

R137 TEMPLEOGUE ROAD

RATHDOWN DRIVE

BUSHY PARK

RATHDOWN AVENUE

SHEET 34
SHEET 35

SHEET 35
SHEET 36

LEGEND:

	EXISTING KERB LINE		PROPOSED KERB LINE		ESB - EXISTING ELECTRICAL NETWORK TO BE DECOMMISSIONED
	ESB - HIGH VOLTAGE - EXISTING UNDERGROUND		ESB - HIGH VOLTAGE - PROPOSED UNDERGROUND DIVERSION	NOTES: 1. UTILITY LOCATIONS ARE INDICATIVE ONLY AND BASED ON UTILITY PROVIDER RECORDS	
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	ESB - MEDIUM VOLTAGE - EXISTING UNDERGROUND		ESB - MEDIUM VOLTAGE - PROPOSED UNDERGROUND DIVERSION		
	ESB - MEDIUM VOLTAGE - EXISTING OVERHEAD		ESB - MEDIUM VOLTAGE - PROPOSED OVERHEAD DIVERSION		
	ESB - LOW VOLTAGE - EXISTING UNDERGROUND		ESB - LOW VOLTAGE - PROPOSED UNDERGROUND DIVERSION		
	ESB - LOW VOLTAGE - EXISTING OVERHEAD		ESB - LOW VOLTAGE - PROPOSED OVERHEAD DIVERSION		
	SITE BOUNDARY LINE		TEMPORARY LAND TAKE		

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M01	27/01/2023	AG	SW	DC	ISSUE FOR PHASE 4: PLANNING

Client NTA Údarás Náisiúnta Iompair National Transport Authority		Engineering Designer ARUP		
Date 27/01/2023	Scale 1:500 @ A1 1:1000 @ A3	Drawn AG	Checked SW	Approved DC
Project Code BCIDC	Originator Code ARP	QMS Code 268401-00		

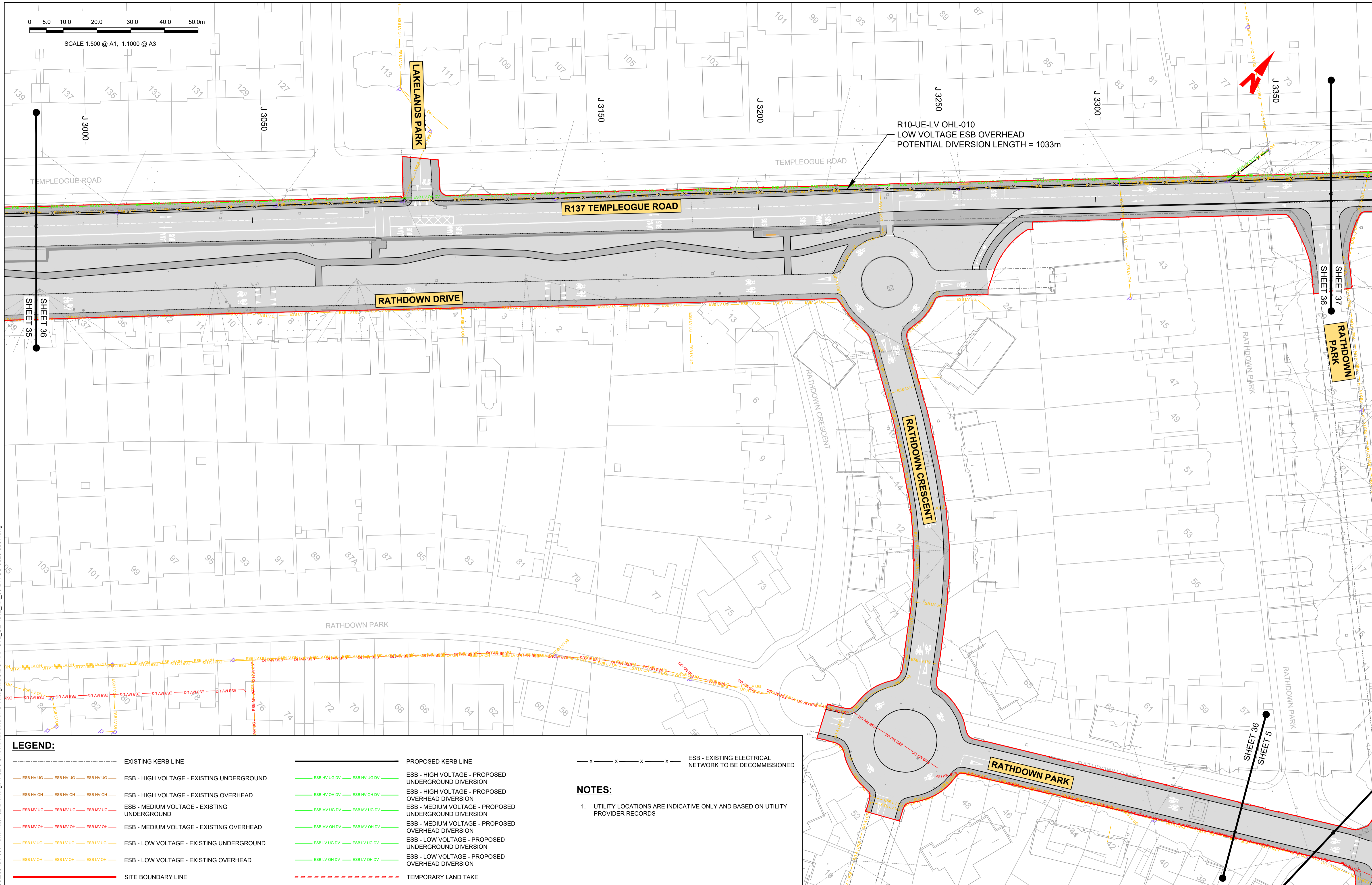
Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title TEMPLEOGUE / RATHFARNHAM TO CITY CENTRE CORE BUS CORRIDOR SCHEME ESB ASSET ALTERATIONS			
Drawing File Name BCIDC-ARP-UTL_UE-1012_XX_00-DR-CU-0035	Sheet Number 35 of 37	Status A	Rev M01

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0 5.0 10.0 20.0 30.0 40.0 50.0m

SCALE 1:500 @ A1; 1:1000 @ A3



R10-UE-LV OHL-010
LOW VOLTAGE ESB OVERHEAD
POTENTIAL DIVERSION LENGTH = 1033m

R137 TEMPLEOGUE ROAD

RATHDOWN DRIVE

RATHDOWN CRESCENT

RATHDOWN PARK

LEGEND:

- EXISTING KERB LINE
- PROPOSED KERB LINE
- x---x---x---x--- ESB - EXISTING ELECTRICAL NETWORK TO BE DECOMMISSIONED
- ESB - HIGH VOLTAGE - EXISTING UNDERGROUND
- ESB - HIGH VOLTAGE - EXISTING OVERHEAD
- ESB - MEDIUM VOLTAGE - EXISTING UNDERGROUND
- ESB - MEDIUM VOLTAGE - EXISTING OVERHEAD
- ESB - LOW VOLTAGE - EXISTING UNDERGROUND
- ESB - LOW VOLTAGE - EXISTING OVERHEAD
- SITE BOUNDARY LINE
- ESB - HIGH VOLTAGE - PROPOSED UNDERGROUND DIVERSION
- ESB - HIGH VOLTAGE - PROPOSED OVERHEAD DIVERSION
- ESB - MEDIUM VOLTAGE - PROPOSED UNDERGROUND DIVERSION
- ESB - MEDIUM VOLTAGE - PROPOSED OVERHEAD DIVERSION
- ESB - LOW VOLTAGE - PROPOSED UNDERGROUND DIVERSION
- ESB - LOW VOLTAGE - PROPOSED OVERHEAD DIVERSION
- TEMPORARY LAND TAKE

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Project Ireland 2040
Building Ireland's Future

Rev	Date	Drm	Chk'd	App'd	Description
M01	27/01/2023	AG	SW	DC	ISSUE FOR PHASE 4: PLANNING

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

Engineering Designer: **ARUP**

Date: 27/01/2023 | Scale: BS @ A1 1:500 @ A3 | Drawn: BCIDC | Checked: SW | Approved: DC

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

Programme Title: BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title: TEMPLEOGUE / RATHFARNHAM TO CITY CENTRE CORE BUS CORRIDOR SCHEME ESB ASSET ALTERATIONS			
Drawing File Name: BCIDC-ARP-UTL_UE-1012_XX_00-DR-CU-0036	Sheet Number: 36 of 37	Status: A	Rev: M01

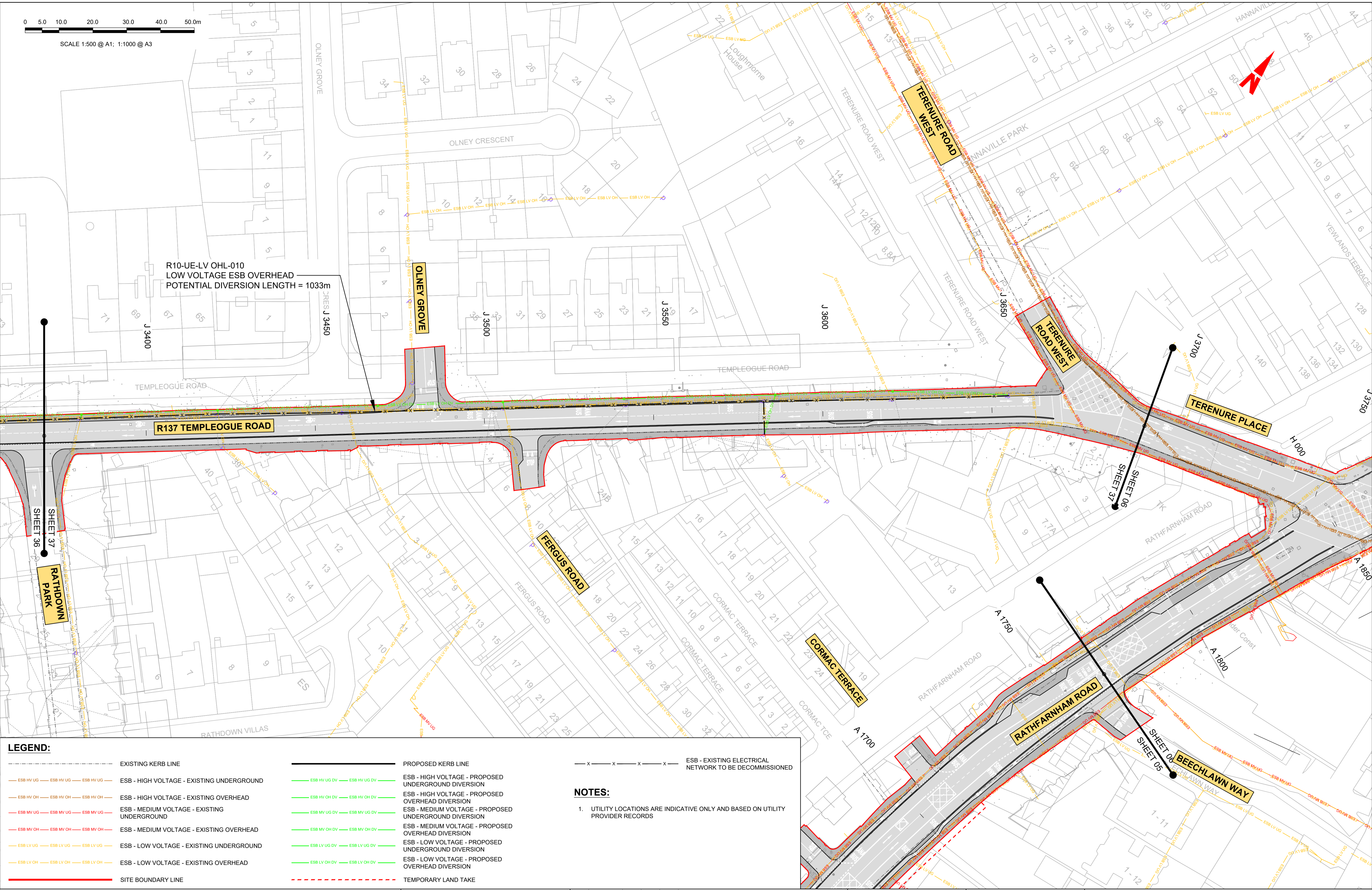
DO NOT SCALE USE FIGURED DIMENSIONS ONLY

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0 50 100 200 300 400 500m

SCALE 1:500 @ A1; 1:1000 @ A3

R10-UE-LV OHL-010
LOW VOLTAGE ESB OVERHEAD
POTENTIAL DIVERSION LENGTH = 1033m



LEGEND:

- EXISTING KERB LINE
- PROPOSED KERB LINE
- x --- x --- x --- x --- ESB - EXISTING ELECTRICAL NETWORK TO BE DECOMMISSIONED
- ESB HV UG --- ESB HV UG --- ESB HV UG --- ESB - HIGH VOLTAGE - EXISTING UNDERGROUND
- ESB HV OH --- ESB HV OH --- ESB HV OH --- ESB - HIGH VOLTAGE - EXISTING OVERHEAD
- ESB MV UG --- ESB MV UG --- ESB MV UG --- ESB - MEDIUM VOLTAGE - EXISTING UNDERGROUND
- ESB MV OH --- ESB MV OH --- ESB MV OH --- ESB - MEDIUM VOLTAGE - EXISTING OVERHEAD
- ESB LV UG --- ESB LV UG --- ESB LV UG --- ESB - LOW VOLTAGE - EXISTING UNDERGROUND
- ESB LV OH --- ESB LV OH --- ESB LV OH --- ESB - LOW VOLTAGE - EXISTING OVERHEAD
- SITE BOUNDARY LINE
- ESB HV UG DV --- ESB HV UG DV --- ESB - HIGH VOLTAGE - PROPOSED UNDERGROUND DIVERSION
- ESB HV OH DV --- ESB HV OH DV --- ESB - HIGH VOLTAGE - PROPOSED OVERHEAD DIVERSION
- ESB MV UG DV --- ESB MV UG DV --- ESB - MEDIUM VOLTAGE - PROPOSED UNDERGROUND DIVERSION
- ESB MV OH DV --- ESB MV OH DV --- ESB - MEDIUM VOLTAGE - PROPOSED OVERHEAD DIVERSION
- ESB LV UG DV --- ESB LV UG DV --- ESB - LOW VOLTAGE - PROPOSED UNDERGROUND DIVERSION
- ESB LV OH DV --- ESB LV OH DV --- ESB - LOW VOLTAGE - PROPOSED OVERHEAD DIVERSION
- TEMPORARY LAND TAKE

NOTES:

1. UTILITY LOCATIONS ARE INDICATIVE ONLY AND BASED ON UTILITY PROVIDER RECORDS

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Transverse Mercator Grid (ITM) as defined by OSI active local GPS station.

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

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

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

Engineering Designer: **ARUP**

Date: 27/01/2023 | Scale: 1:500 @ A1, 1:1000 @ A3 | Drawn: AG | Checked: SW | Approved: DC

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

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