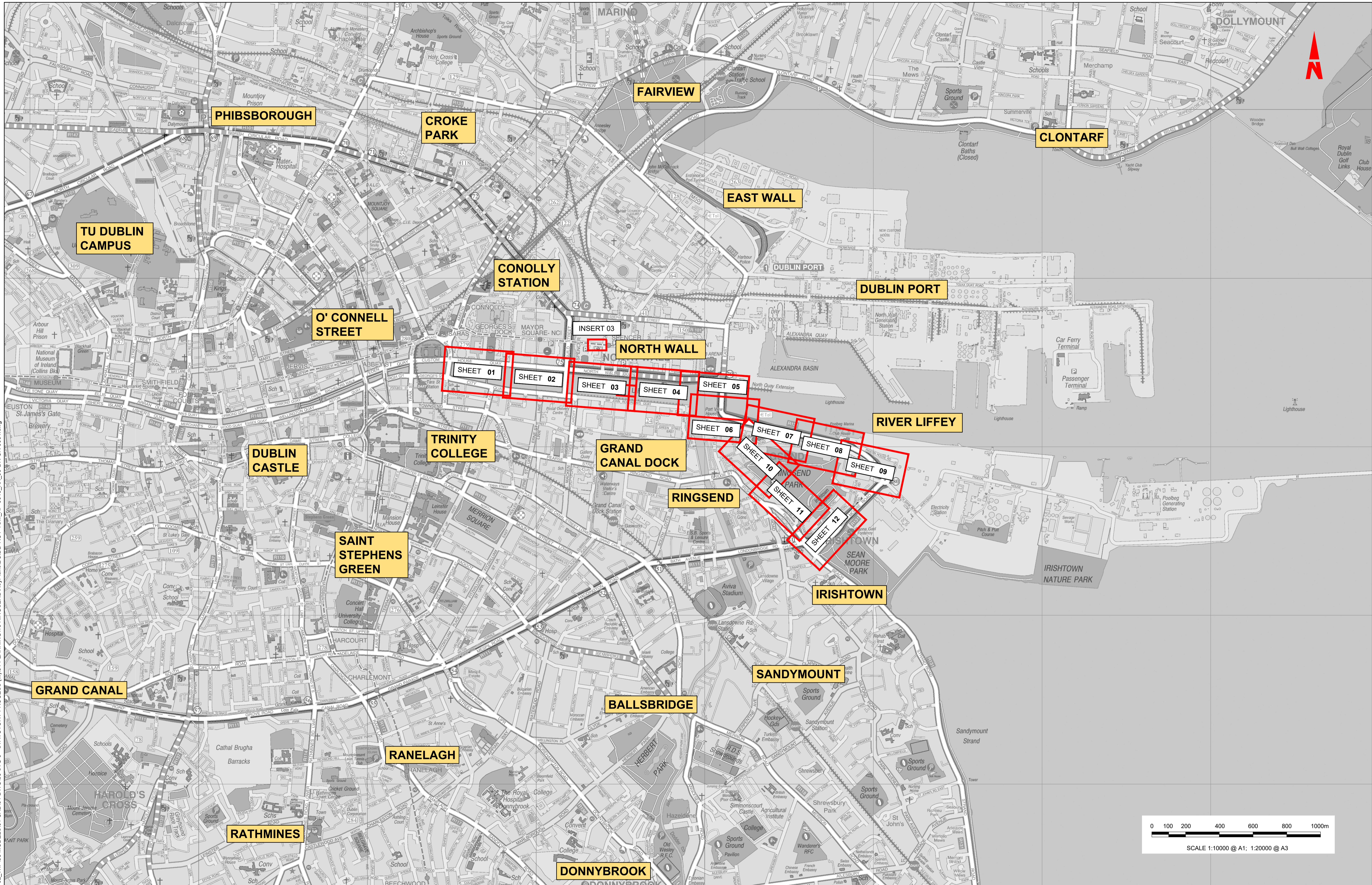


Traffic Signs and Road Markings





W:\000000\19117117-02_WIP\08 MODELS\01 CAD\01 PLANNING\16 RINGSSEND\KeyPlans\BCIDD-ROT-TSM_KP-0016_XX_00-DR-CR-0001.dwg

Disclaimer
 a. © National Transport Authority (NTA) 2022. This drawing is confidential and the copyright in it is owned by NTA. This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior permission of NTA.
 b. This drawing is to be used for the design element identified in the title block. Other information shown is to be considered indicative only. The drawing is to be read in conjunction with all other relevant design drawings.
 c. O.S. data used for plans are printed under © Ordnance Survey Ireland Government of Ireland. All rights reserved. Licence Number 2022/OSI_NMA_180 National Transport Authority. All elevations are in metres and relate to OSi Geoid Model (OSGM15) Mean Head. All Co-ordinates are in Irish

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 the information 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 provided for general guidance only and no representation is made by the NTA as to the accuracy, completeness, sufficiency or otherwise of this information. 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contained herein does not purport to be comprehensive or final as the apparatus is subject to being altered and/or superseded.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.

The information contained herein has been provided by the NTA but does not purport to be comprehensive or final. Recipients should not rely on the information. Neither the NTA nor any of its directors, officers, employees, agents, stakeholders or advisers make any representation or warranty as to, or accept any liability or responsibility in relation to, the adequacy, accuracy, reasonableness or completeness of the information provided as part of this document or any matter on which the information is based (including but not limited to loss or damage arising as a result of reliance by recipients on the information or any part of it). Any liabilities are hereby expressly disclaimed.

| Rev | Date | Drn | Chk'd | App'd | Description |
|-----|----------|-----|-------|-------|-----------------------------|
| M01 | MAR 2023 | DS | EOC | SMG | ISSUE FOR PHASE 4: PLANNING |

| | | | | |
|--|--------------------------------|----------|---------|----------|
| NTA Údarás Náisiúnta Iompair National Transport Authority | | Client | | |
| Date | Scale | Drawn | Checked | Approved |
| MAR 2023 | 1:10,000 @ A1 1:20,000 @ A3 | DS | EOC | SMG |
| Programme Code | Originator Code | QMS Code | | |
| BCIDD | ROT | | | |

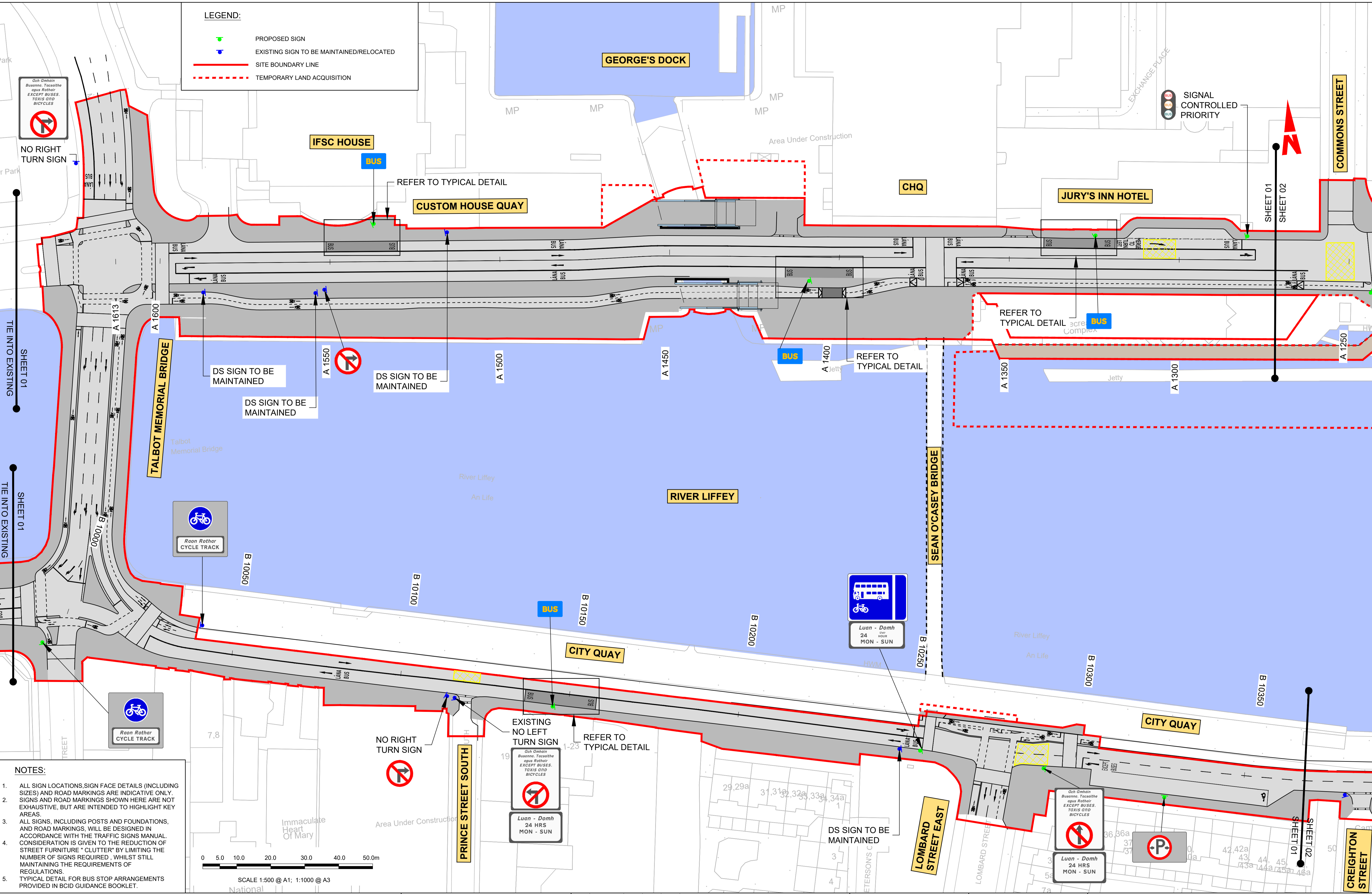
| | | | |
|---|--------------|--------|-----|
| Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS | | | |
| Drawing Title RINGSSEND TO CITY CENTRE SCHEME CORE BUS CORRIDOR SCHEME TRAFFIC SIGNS AND ROAD MARKINGS KEYPLAN | | | |
| Drawing File Name | Sheet Number | Status | Rev |
| BCIDD-ROT-TSM_KP-0016_XX_00-DR-CR-0001 | 01 of 01 | A | M01 |

DO NOT SCALE USE FIGURED DIMENSIONS ONLY

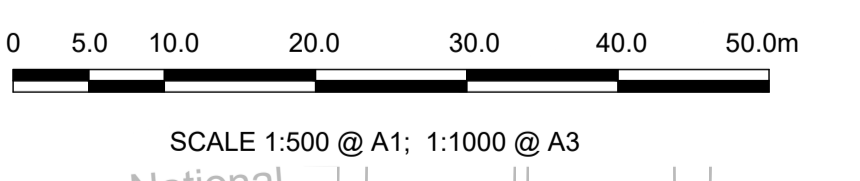
LEGEND:

- PROPOSED SIGN
- EXISTING SIGN TO BE MAINTAINED/RELOCATED
- SITE BOUNDARY LINE
- TEMPORARY LAND ACQUISITION

SIGNAL CONTROLLED PRIORITY



- NOTES:**
- ALL SIGN LOCATIONS, SIGN FACE DETAILS (INCLUDING SIZES) AND ROAD MARKINGS ARE INDICATIVE ONLY. SIGNS AND ROAD MARKINGS SHOWN HERE ARE NOT EXHAUSTIVE, BUT ARE INTENDED TO HIGHLIGHT KEY AREAS.
 - ALL SIGNS, INCLUDING POSTS AND FOUNDATIONS, AND ROAD MARKINGS, WILL BE DESIGNED IN ACCORDANCE WITH THE TRAFFIC SIGNS MANUAL. CONSIDERATION IS GIVEN TO THE REDUCTION OF STREET FURNITURE "CLUTTER" BY LIMITING THE NUMBER OF SIGNS REQUIRED, WHILE STILL MAINTAINING THE REQUIREMENTS OF REGULATIONS.
 - TYPICAL DETAIL FOR BUS STOP ARRANGEMENTS PROVIDED IN BCID GUIDANCE BOOKLET.



Disclaimer

a. © National Transport Authority (NTA) 2022. This drawing is confidential and the copyright in it is owned by NTA. This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior permission of NTA.

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

c. O.S. data used for plans are printed under © Ordnance Survey Ireland Government of Ireland. All rights reserved. Licence Number 2022/OSI_NMA_180 National Transport Authority. All elevations are in metres and relate to OSI Geoid Model (OSGM15) Mean Head. All Co-ordinates are in Irish 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.

e. The information contained herein has been provided by the NTA but does not purport to be comprehensive or final. Recipients should not rely on the information. Neither the NTA nor any of its directors, officers, employees, agents, stakeholders or advisers make any representation or warranty as to, or accept any liability or responsibility in relation to, the adequacy, accuracy, reasonableness or completeness of the information provided as part of this document or any matter on which the information is based (including but not limited to loss or damage arising as a result of reliance by recipients on the information or any part of it). Any liabilities are hereby expressly disclaimed.

Project Ireland 2040
Building Ireland's Future

| Rev | Date | Drn | Chk'd | App'd | Description |
|-----|----------|-----|-------|-------|------------------------------|
| M01 | MAR 2023 | CG | EOC | SMG | ISSUED FOR PHASE 4: PLANNING |

Client
NTA
Udarás Náisiúnta Iompair
National Transport Authority

Engineering Designer
CIROD
TYPSA

Date: MAR 2023
Scale: 1:500 @ A1, 1:1000 @ A3
Programme Code: BCIDD
Originator Code: ROT
QMS Code: [blank]

Drawn: CG
Checked: EOC
Approved: SMG

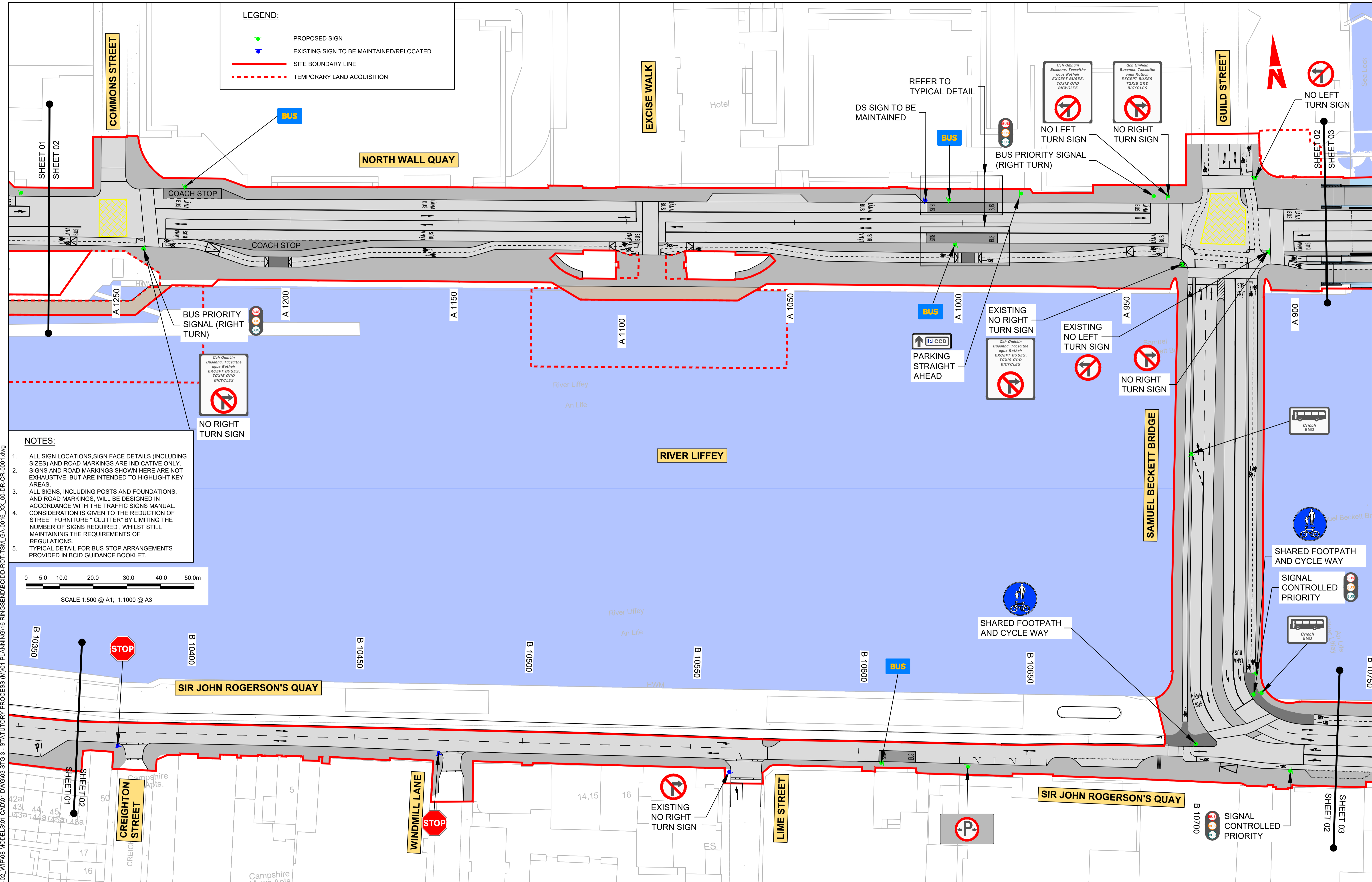
Programme Title
BUSCONNECTS DUBLIN
CORE BUS CORRIDORS INFRASTRUCTURE WORKS

Drawing Title
RINGSEND TO CITY CENTRE CORE BUS CORRIDOR SCHEME
TRAFFIC SIGNS AND ROAD MARKINGS

| | | | |
|--|--------------|--------|-----|
| Drawing File Name | Sheet Number | Status | Rev |
| BCIDD-ROT-TSM_GA-0016_XX_00-DR-CR-0001 | 01 of 12 | A | M01 |

DO NOT SCALE USE FIGURED DIMENSIONS ONLY

\\nodubp1u20191917117-02_WIP08 MODELS01 CAD01 PLANNING16 RINGSEND-ROT-TSM_GA-0016_XX_00-DR-CR-0001.dwg



W:\000000\1717-02_WIP\08 MODELS\01 CAD\01 DWG\03 STG 3 - STATUTORY PROCESS (M)\01 PLANNING\16 RINGSEND\BCIDD-ROT-TSM_GA-0016_XX_00-DR-CR-0001.dwg
 17/03/2023 11:17:02 WIP\08 MODELS\01 CAD\01 DWG\03 STG 3 - STATUTORY PROCESS (M)\01 PLANNING\16 RINGSEND\BCIDD-ROT-TSM_GA-0016_XX_00-DR-CR-0001.dwg

Disclaimer

a. © National Transport Authority (NTA) 2022. This drawing is confidential and the copyright in it is owned by NTA. This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior permission of NTA.

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

c. O.S. data used for plans are printed under © Ordnance Survey Ireland Government of Ireland. All rights reserved. Licence Number 2022/OSI_NMA_180 National Transport Authority. All elevations are in metres and relate to OSI Geoid Model (OSGM15) Mean Head. All Co-ordinates are in Irish 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 superceded. Recipients should not rely on this information. Any liabilities are hereby expressly disclaimed.

e. The information contained herein has been provided by the NTA but does not purport to be comprehensive or final. Recipients should not rely on the information. Neither the NTA nor any of its directors, officers, employees, agents, stakeholders or advisers make any representation or warranty as to, or accept any liability or responsibility in relation to, the adequacy, accuracy, reasonableness or completeness of the information provided as part of this document or any matter on which the information is based (including but not limited to loss or damage arising as a result of reliance by recipients on the information or any part of it). Any liabilities are hereby expressly disclaimed.

Project Ireland 2040
Building Ireland's Future

| Rev | Date | Drn | Chk'd | App'd | Description |
|-----|----------|-----|-------|-------|------------------------------|
| M01 | MAR 2023 | CG | EOC | SMG | ISSUED FOR PHASE 4: PLANNING |

NTA
Udarás Náisiúnta Iompair
National Transport Authority

Engineering Designer

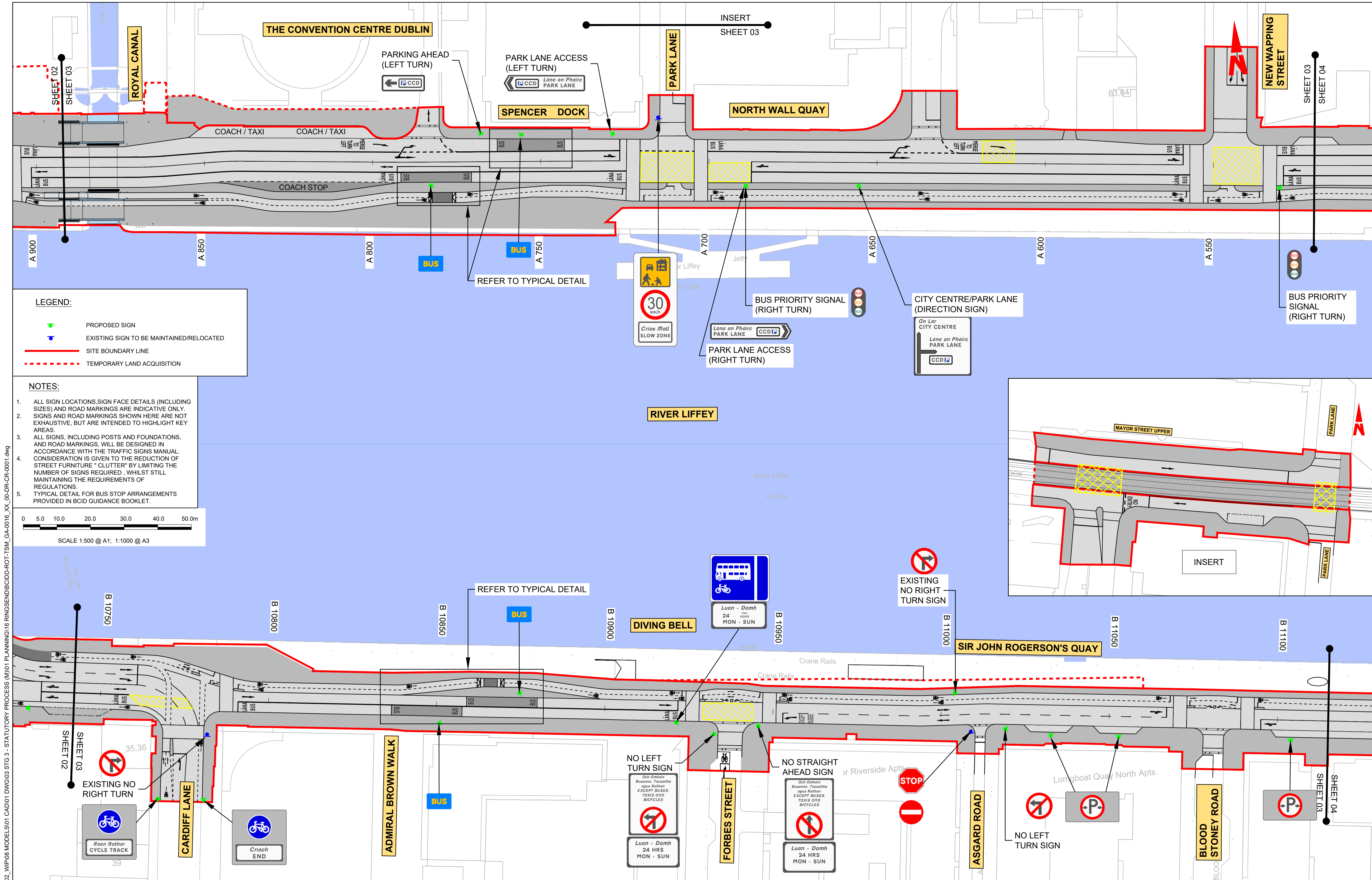
CIROD
TYPSA

Date: MAR 2023
Scale: 1:500 @ A1, 1:1,000 @ A3
Programme Code: BCIDD
Originator Code: ROT

Drawn: CG
Checked: EOC
Approved: SMG

| | | | |
|---|---------------------------------|--------------------|-------------------|
| Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS | | | |
| Drawing Title RINGSEND TO CITY CENTRE CORE BUS CORRIDOR SCHEME TRAFFIC SIGNS AND ROAD MARKINGS | | | |
| Drawing File Name BCIDD-ROT-TSM_GA-0016_XX_00-DR-CR-0002 | Sheet Number 02 of 12 | Status A | Rev M01 |

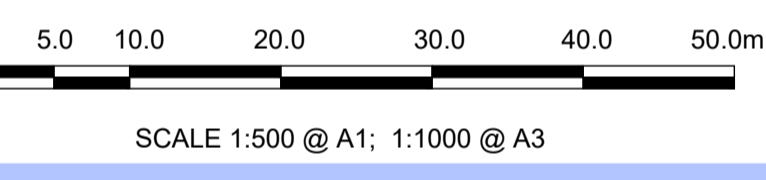
DO NOT SCALE USE FIGURED DIMENSIONS ONLY



LEGEND:

- PROPOSED SIGN
- EXISTING SIGN TO BE MAINTAINED/RELOCATED
- SITE BOUNDARY LINE
- TEMPORARY LAND ACQUISITION

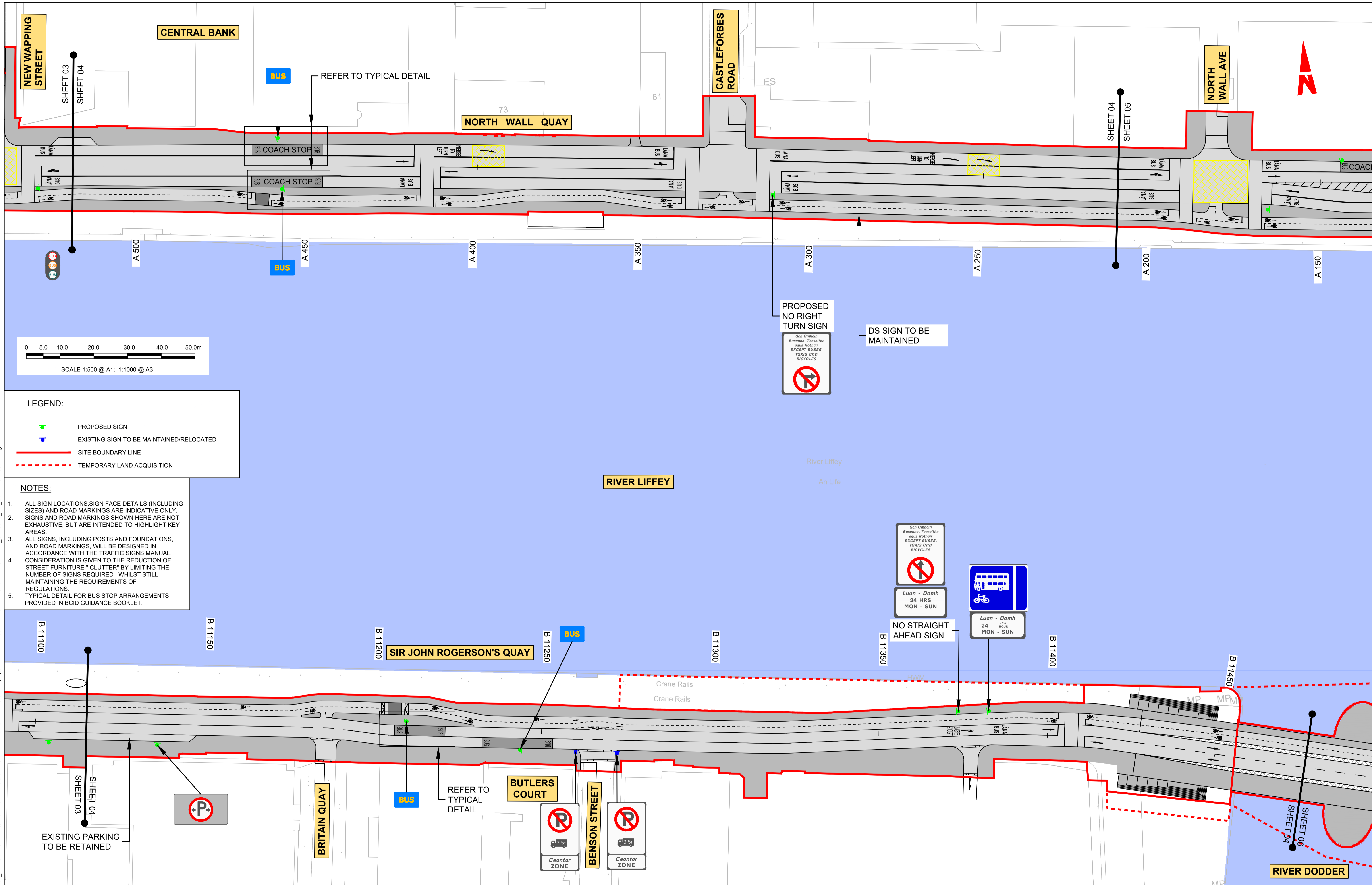
- NOTES:**
- ALL SIGN LOCATIONS, SIGN FACE DETAILS (INCLUDING SIZES) AND ROAD MARKINGS ARE INDICATIVE ONLY. SIGNS AND ROAD MARKINGS SHOWN HERE ARE NOT EXHAUSTIVE, BUT ARE INTENDED TO HIGHLIGHT KEY AREAS.
 - ALL SIGNS, INCLUDING POSTS AND FOUNDATIONS, AND ROAD MARKINGS, WILL BE DESIGNED IN ACCORDANCE WITH THE TRAFFIC SIGNS MANUAL. CONSIDERATION IS GIVEN TO THE REDUCTION OF STREET FURNITURE "CLUTTER" BY LIMITING THE NUMBER OF SIGNS REQUIRED, WHILST STILL MAINTAINING THE REQUIREMENTS OF REGULATIONS.
 - TYPICAL DETAIL FOR BUS STOP ARRANGEMENTS PROVIDED IN BCID GUIDANCE BOOKLET.



W:\roadhub\p1\2019\1917\1917-02_WIP\08 MODELS\01 CAD\01 DWG\03 STG 3 - STATUTORY PROCESS (M)\01 PLANNING\16 RINGSEND\BCIDD-ROT-TSM_GA-0016_XX_00-DR-CR-0001.dwg
 35,36
 39
 63,64
 35,36
 39

| | | | | | | | | | | | | |
|---|--|---|--|--|--|--|--|---|---|--|--|--|
| <p>Disclaimer</p> <p>a. © National Transport Authority (NTA) 2022. This drawing is confidential and the copyright in it is owned by NTA. This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior permission of NTA.</p> <p>b. This drawing is to be used for the design element identified in the titlebox. Other information shown is to be considered indicative only. The drawing is to be read in conjunction with all other relevant design drawings.</p> <p>c. O.S. data used for plans are printed under © Ordnance Survey Ireland Government of Ireland. All rights reserved. Licence Number 2022/OSI_NMA_180 National Transport Authority. All elevations are in metres and relate to OSI Geoid Model (OSGM15) Mean Head. All Co-ordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSI active local GPS station.</p> <p>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 information. The information contained herein does not purport to be comprehensive or final as the apparatus is subject to being altered and/or superceded. Recipients should not rely on this information. Any liabilities are hereby expressly disclaimed.</p> | | <p>Rev M01 Date MAR 2023 Dm CG Chk'd EOC App'd SMG Description ISSUED FOR PHASE 4: PLANNING</p> | | <p>Client NTA Údarás Náisiúnta Iompair National Transport Authority</p> | | <p>Engineering Designer CIROD TYPSA</p> | | | <p>Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</p> | | | |
| <p>Date MAR 2023 Scale 1:500 @ A1 1:1,000 @ A3</p> | | <p>Drawn CG Checked EOC Approved SMG</p> | | <p>Programme Code BCIDD Originator Code ROT</p> | | <p>QMS Code</p> | | | <p>Drawing Title RINGSEND TO CITY CENTRE CORE BUS CORRIDOR SCHEME TRAFFIC SIGNS AND ROAD MARKINGS</p> | | | |
| <p>Drawing File Name BCIDD-ROT-TSM_GA-0016_XX_00-DR-CR-0003</p> | | <p>Sheet Number 03 of 12</p> | | <p>Status A</p> | | <p>Rev M01</p> | | <p>DO NOT SCALE USE FIGURED DIMENSIONS ONLY</p> | | | | |





LEGEND:

- PROPOSED SIGN
- EXISTING SIGN TO BE MAINTAINED/RELOCATED
- SITE BOUNDARY LINE
- TEMPORARY LAND ACQUISITION

- NOTES:**
- ALL SIGN LOCATIONS, SIGN FACE DETAILS (INCLUDING SIZES) AND ROAD MARKINGS ARE INDICATIVE ONLY. SIGNS AND ROAD MARKINGS SHOWN HERE ARE NOT EXHAUSTIVE, BUT ARE INTENDED TO HIGHLIGHT KEY AREAS.
 - ALL SIGNS, INCLUDING POSTS AND FOUNDATIONS, AND ROAD MARKINGS, WILL BE DESIGNED IN ACCORDANCE WITH THE TRAFFIC SIGNS MANUAL. CONSIDERATION IS GIVEN TO THE REDUCTION OF STREET FURNITURE "CLUTTER" BY LIMITING THE NUMBER OF SIGNS REQUIRED, WHILE STILL MAINTAINING THE REQUIREMENTS OF REGULATIONS.
 - TYPICAL DETAIL FOR BUS STOP ARRANGEMENTS PROVIDED IN BCID GUIDANCE BOOKLET.

\\vodubp1u2019191717-02_WIP08 MODELS01 CAD01 DWG003 STG 3 - STATUTORY PROCESS (M)01 PLANNING16 RINGSEND/BCIDD-ROT-TSM_GA-0016_XX_00-DR-CR-0001.dwg

Disclaimer

a. © National Transport Authority (NTA) 2022. This drawing is confidential and the copyright in it is owned by NTA. This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior permission of NTA.

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

c. O.S. data used for plans are printed under © Ordnance Survey Ireland Government of Ireland. All rights reserved. Licence Number 2022/OSI_NMA_180 National Transport Authority. All elevations are in metres and relate to OSI Geoid Model (OSGM15) Mean Head. All Co-ordinates are in Irish 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 information. 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.

e. The information contained herein has been provided by the NTA but does not purport to be comprehensive or final. Recipients should not rely on the information. Neither the NTA nor any of its directors, officers, employees, agents, stakeholders or advisers make any representation or warranty as to, or accept any liability or responsibility in relation to, the adequacy, accuracy, reasonableness or completeness of the information provided as part of this document or any matter on which the information is based (including but not limited to loss or damage arising as a result of reliance by recipients on the information or any part of it). Any liabilities are hereby expressly disclaimed.

Building Ireland's Future

| Rev | Date | Drn | Chk'd | App'd | Description |
|-----|----------|-----|-------|-------|------------------------------|
| M01 | MAR 2023 | CG | EOC | SMG | ISSUED FOR PHASE 4: PLANNING |

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

Engineering Designer: **CIROD**
TYPSA

Date: MAR 2023 | Scale: 1:500 @ A1, 1:1000 @ A3 | Drawn: CG | Checked: EOC | Approved: SMG

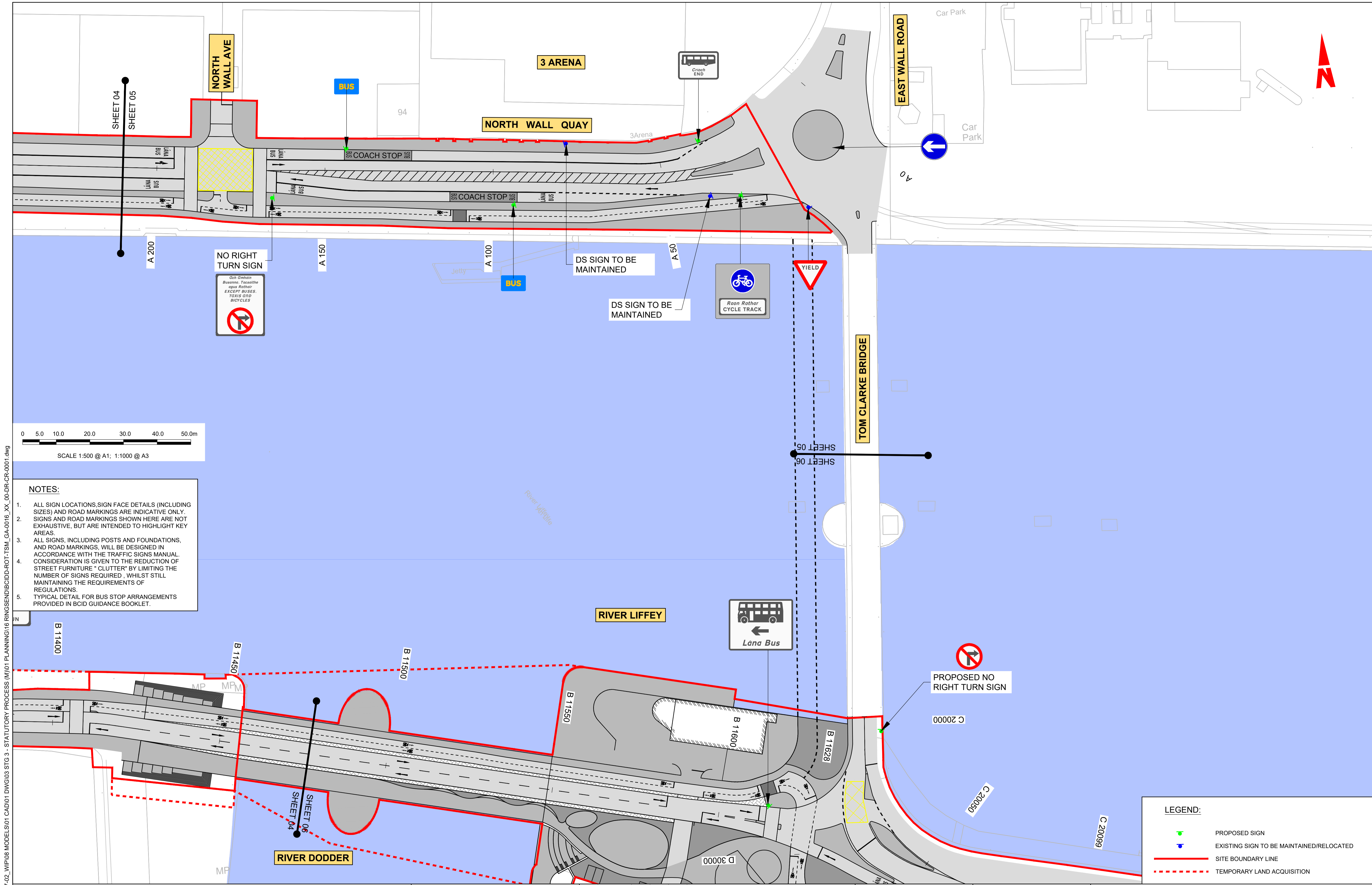
Programme Code: BCIDD | Originator Code: ROT | QMS Code:

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

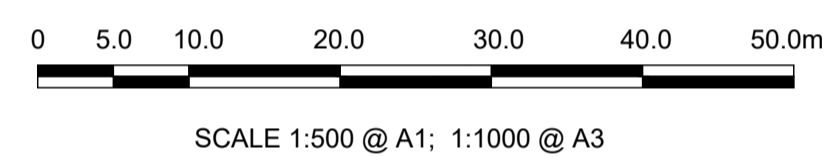
Drawing Title: RINGSEND TO CITY CENTRE CORE BUS CORRIDOR SCHEME TRAFFIC SIGNS AND ROAD MARKINGS

Drawing File Name: BCIDD-ROT-TSM_GA-0016_XX_00-DR-CR-0004 | Sheet Number: 04 of 12 | Status: A | Rev: M01

DO NOT SCALE USE FIGURED DIMENSIONS ONLY



NO RIGHT TURN SIGN
 Gch Omheán
 Busanna, Tacaíthe
 sae Rialaithe
 EXCEPT BUSES,
 TAXIS AND
 BICYCLES



- NOTES:**
1. ALL SIGN LOCATIONS, SIGN FACE DETAILS (INCLUDING SIZES) AND ROAD MARKINGS ARE INDICATIVE ONLY. SIGNS AND ROAD MARKINGS SHOWN HERE ARE NOT EXHAUSTIVE, BUT ARE INTENDED TO HIGHLIGHT KEY AREAS.
 2. ALL SIGNS, INCLUDING POSTS AND FOUNDATIONS, AND ROAD MARKINGS, WILL BE DESIGNED IN ACCORDANCE WITH THE TRAFFIC SIGNS MANUAL. CONSIDERATION IS GIVEN TO THE REDUCTION OF STREET FURNITURE "CLUTTER" BY LIMITING THE NUMBER OF SIGNS REQUIRED, WHILST STILL MAINTAINING THE REQUIREMENTS OF REGULATIONS.
 3. TYPICAL DETAIL FOR BUS STOP ARRANGEMENTS PROVIDED IN BCID GUIDANCE BOOKLET.

LEGEND:

- PROPOSED SIGN
- EXISTING SIGN TO BE MAINTAINED/RELOCATED
- SITE BOUNDARY LINE
- TEMPORARY LAND ACQUISITION

Disclaimer
 a. © National Transport Authority (NTA) 2022. This drawing is confidential and the copyright in it is owned by NTA. This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior permission of NTA.
 b. This drawing is to be used for the design element identified in the titleblock. Other information shown is to be considered indicative only. The drawing is to be read in conjunction with all other relevant design drawings.
 c. O.S. data used for plans are printed under © Ordnance Survey Ireland Government of Ireland. All rights reserved. Licence Number 2022/OSI_NMA_180 National Transport Authority. All elevations are in metres and relate to OSI Geoid Model (OSGM15) Mean Head. All Co-ordinates are in Irish 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 information. 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.
 e. The information contained herein has been provided by the NTA but does not purport to be comprehensive or final. Recipients should not rely on the information. Neither the NTA nor any of its directors, officers, employees, agents, stakeholders or advisers make any representation or warranty as to, or accept any liability or responsibility in relation to, the adequacy, accuracy, reasonableness or completeness of the information provided as part of this document or any matter on which the information is based (including but not limited to loss or damage arising as a result of reliance by recipients on the information or any part of it). Any liabilities are hereby expressly disclaimed.

Project Ireland 2040
 Building Ireland's Future



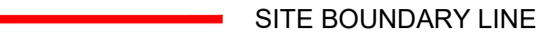

| Rev | Date | Drm | Chk'd | App'd | Description |
|-----|----------|-----|-------|-------|------------------------------|
| M01 | MAR 2023 | CG | EOC | SMG | ISSUED FOR PHASE 4: PLANNING |

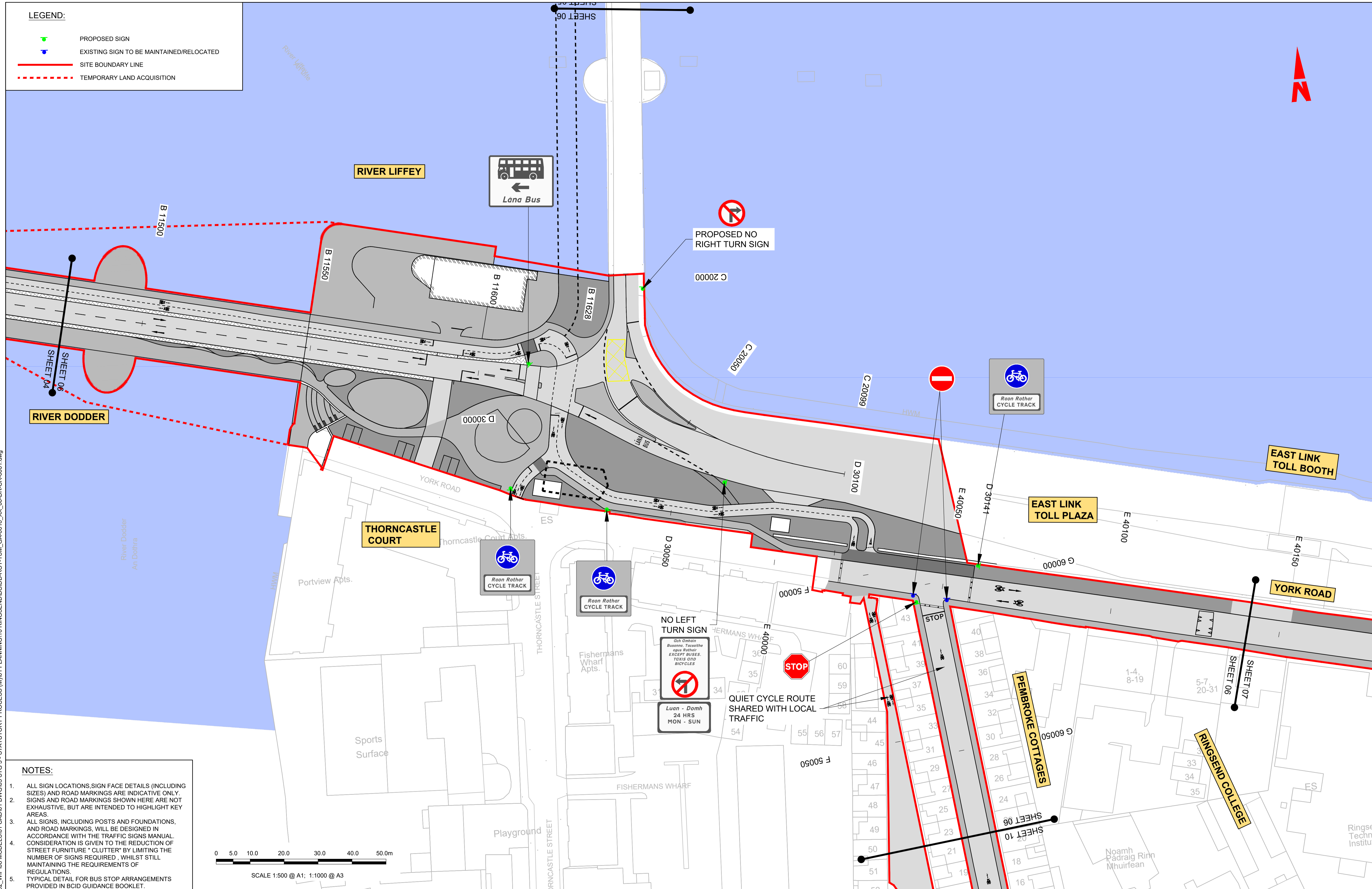
| | | | | |
|--|-------------------------------------|---|----------------|-----------------|
| Client NTA Udarás Náisiúnta Iompair National Transport Authority | | Engineering Designer CIROD TYPSA | | |
| Date MAR 2023 | Scale 1:500 @ A1 1:1,000 @ A3 | Drawn CG | Checked EOC | Approved SMG |
| Programme Code BCIDD | Originator Code ROT | QMS Code | | |

| | | | |
|--|--------------------------|-------------|------------|
| Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS | | | |
| Drawing Title RINGSEND TO CITY CENTRE CORE BUS CORRIDOR SCHEME TRAFFIC SIGNS AND ROAD MARKINGS | | | |
| Drawing File Name BCIDD-ROT-TSM_GA-0016_XX_00-DR-CR-0005 | Sheet Number 05 of 12 | Status A | Rev M01 |

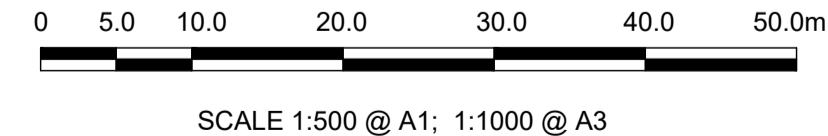
DO NOT SCALE USE FIGURED DIMENSIONS ONLY

\\vodubp1u2019191717-02_WIP08 MODELS01 CAD01 DWG003 STG 3 - STATUTORY PROCESS (M)01 PLANNING16 RINGSEND-ROT-TSM_GA-0016_XX_00-DR-CR-0001.dwg

- LEGEND:**
-  PROPOSED SIGN
 -  EXISTING SIGN TO BE MAINTAINED/RELOCATED
 -  SITE BOUNDARY LINE
 -  TEMPORARY LAND ACQUISITION



- NOTES:**
1. ALL SIGN LOCATIONS, SIGN FACE DETAILS (INCLUDING SIZES) AND ROAD MARKINGS ARE INDICATIVE ONLY. SIGNS AND ROAD MARKINGS SHOWN HERE ARE NOT EXHAUSTIVE, BUT ARE INTENDED TO HIGHLIGHT KEY AREAS.
 2. ALL SIGNS, INCLUDING POSTS AND FOUNDATIONS, AND ROAD MARKINGS, WILL BE DESIGNED IN ACCORDANCE WITH THE TRAFFIC SIGNS MANUAL. CONSIDERATION IS GIVEN TO THE REDUCTION OF STREET FURNITURE "CLUTTER" BY LIMITING THE NUMBER OF SIGNS REQUIRED, WHILE STILL MAINTAINING THE REQUIREMENTS OF REGULATIONS.
 3. TYPICAL DETAIL FOR BUS STOP ARRANGEMENTS PROVIDED IN BCID GUIDANCE BOOKLET.



Disclaimer

a. © National Transport Authority (NTA) 2022. This drawing is confidential and the copyright in it is owned by NTA. This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior permission of NTA.

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

c. O.S. data used for plans are printed under © Ordnance Survey Ireland Government of Ireland. All rights reserved. Licence Number 2022/OSI_NMA_180 National Transport Authority. All elevations are in metres and relate to OSI Geoid Model (OSGM15) Mean Head. All Co-ordinates are in Irish 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.

e. The information contained herein has been provided by the NTA but does not purport to be comprehensive or final. Recipients should not rely on the information. Neither the NTA nor any of its directors, officers, employees, agents, stakeholders or advisers make any representation or warranty as to, or accept any liability or responsibility in relation to, the adequacy, accuracy, reasonableness or completeness of the information provided as part of this document or any matter on which the information is based (including but not limited to loss or damage arising as a result of reliance by recipients on the information or any part of it). Any liabilities are hereby expressly disclaimed.



| Rev | Date | Drn | Chk'd | App'd | Description |
|-----|----------|-----|-------|-------|------------------------------|
| M01 | MAR 2023 | CG | EOC | SMG | ISSUED FOR PHASE 4: PLANNING |

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

Engineering Designer: **CIROD**
TYPSA

Date: MAR 2023 | Scale: 1:500 @ A1, 1:1000 @ A3 | Drawn: CG | Checked: EOC | Approved: SMG





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

| | | | |
|--|------------------------|-----------|----------|
| Programme Title: BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS | | | |
| Drawing Title: RINGSEND TO CITY CENTRE CORE BUS CORRIDOR SCHEME TRAFFIC SIGNS AND ROAD MARKINGS | | | |
| Drawing File Name: BCIDD-ROT-TSM_GA-0016_XX_00-DR-CR-0006 | Sheet Number: 06 of 12 | Status: A | Rev: M01 |

DO NOT SCALE USE FIGURED DIMENSIONS ONLY

\\vodubp1u20191917117117-02_WIP08 MODELS01 CAD01 DWG03 STG 3 - STATUTORY PROCESS (M)01 PLANNING16 RINGSEND/BCIDD-ROT-TSM_GA-0016_XX_00-DR-CR-0001.dwg

LEGEND:

-  PROPOSED SIGN
-  EXISTING SIGN TO BE MAINTAINED/RELOCATED
-  SITE BOUNDARY LINE
-  TEMPORARY LAND ACQUISITION



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



RIVER LIFFEY

EAST LINK TOLL BOOTH

QUIET CYCLE ROUTE SHARED WITH LOCAL TRAFFIC

Rampai RAMPs

E 40100 E 40150 E 40200 E 40250 E 40300 E 40350 E 40400 E 40450

YORK ROAD

PIGEON HOUSE ROAD

1-4, 8-19 5-7, 20-31 1a 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28

RINGSEND PARK

RINGSEND COLLEGE

Ringsend College

Ringsend Technical Institute

Rampai RAMPs

CAMBRIDGE ROAD

- NOTES:**
1. ALL SIGN LOCATIONS, SIGN FACE DETAILS (INCLUDING SIZES) AND ROAD MARKINGS ARE INDICATIVE ONLY. SIGNS AND ROAD MARKINGS SHOWN HERE ARE NOT EXHAUSTIVE, BUT ARE INTENDED TO HIGHLIGHT KEY AREAS.
 2. ALL SIGNS, INCLUDING POSTS AND FOUNDATIONS, AND ROAD MARKINGS, WILL BE DESIGNED IN ACCORDANCE WITH THE TRAFFIC SIGNS MANUAL. CONSIDERATION IS GIVEN TO THE REDUCTION OF STREET FURNITURE "CLUTTER" BY LIMITING THE NUMBER OF SIGNS REQUIRED, WHILST STILL MAINTAINING THE REQUIREMENTS OF REGULATIONS.
 3. TYPICAL DETAIL FOR BUS STOP ARRANGEMENTS PROVIDED IN BCID GUIDANCE BOOKLET.

\\vodubp1\U201919\17119117-02_WIP\08 MODELS\01 CAD\01 PLANNING\16 RINGSEND\BCIDD-ROT-TSM_GA-0016_XX_00-DR-CR-0001.dwg

Disclaimer
 a. © National Transport Authority (NTA) 2022. This drawing is confidential and the copyright in it is owned by NTA. This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior permission of NTA.
 b. This drawing is to be used for the design element identified in the titleblock. Other information shown is to be considered indicative only. The drawing is to be read in conjunction with all other relevant design drawings.
 c. O.S. data used for plans are printed under © Ordnance Survey Ireland Government of Ireland. All rights reserved. Licence Number 2022/OSI_NMA_180 National Transport Authority. All elevations are in metres and relate to OSI Geoid Model (OSGM15) Mean Head. All Co-ordinates are in Irish 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 as appropriate 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.
 e. The information contained herein has been provided by the NTA but does not purport to be comprehensive or final. Recipients should not rely on the information. Neither the NTA nor any of its directors, officers, employees, agents, stakeholders or advisers make any representation or warranty as to, or accept any liability or responsibility in relation to, the adequacy, accuracy, reasonableness or completeness of the information provided as part of this document or any matter on which the information is based (including but not limited to loss or damage arising as a result of reliance by recipients on the information or any part of it). Any liabilities are hereby expressly disclaimed.

Project Ireland 2040
 Building Ireland's Future

| Rev | Date | Drn | Chk'd | App'd | Description |
|-----|----------|-----|-------|-------|------------------------------|
| M01 | MAR 2023 | CG | EOC | SMG | ISSUED FOR PHASE 4: PLANNING |

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

Engineering Designer: **CIROD**
 TYPSA

Date: MAR 2023
 Scale: 1:500 @ A1, 1:1,000 @ A3
 Programme Code: BCIDD
 Originator Code: ROT
 QMS Code: CG





Drawn: CG
 Checked: EOC
 Approved: SMG

| Rev | Date | Drn | Chk'd | App'd | Description |
|-----|----------|-----|-------|-------|------------------------------|
| M01 | MAR 2023 | CG | EOC | SMG | ISSUED FOR PHASE 4: PLANNING |

| | | | |
|--|------------------------|-----------|----------|
| Programme Title: BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS | | | |
| Drawing Title: RINGSEND TO CITY CENTRE CORE BUS CORRIDOR SCHEME TRAFFIC SIGNS AND ROAD MARKINGS | | | |
| Drawing File Name: BCIDD-ROT-TSM_GA-0016_XX_00-DR-CR-0007 | Sheet Number: 07 of 12 | Status: A | Rev: M01 |

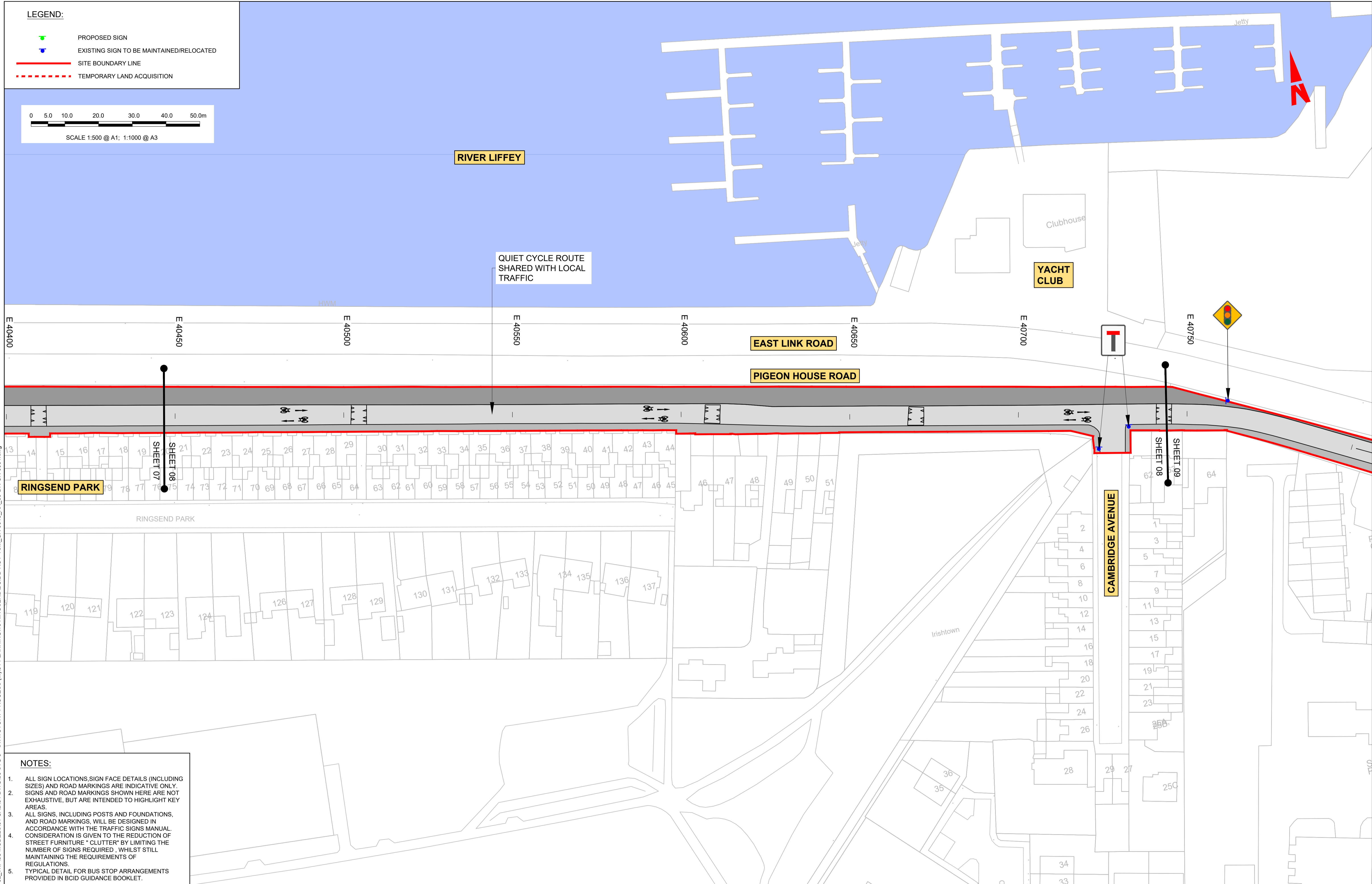
DO NOT SCALE USE FIGURED DIMENSIONS ONLY

LEGEND:

-  PROPOSED SIGN
-  EXISTING SIGN TO BE MAINTAINED/RELOCATED
-  SITE BOUNDARY LINE
-  TEMPORARY LAND ACQUISITION

0 5.0 10.0 20.0 30.0 40.0 50.0m

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





NOTES:

1. ALL SIGN LOCATIONS, SIGN FACE DETAILS (INCLUDING SIZES) AND ROAD MARKINGS ARE INDICATIVE ONLY. SIGNS AND ROAD MARKINGS SHOWN HERE ARE NOT EXHAUSTIVE, BUT ARE INTENDED TO HIGHLIGHT KEY AREAS.
2. ALL SIGNS, INCLUDING POSTS AND FOUNDATIONS, AND ROAD MARKINGS, WILL BE DESIGNED IN ACCORDANCE WITH THE TRAFFIC SIGNS MANUAL. CONSIDERATION IS GIVEN TO THE REDUCTION OF STREET FURNITURE "CLUTTER" BY LIMITING THE NUMBER OF SIGNS REQUIRED, WHILE STILL MAINTAINING THE REQUIREMENTS OF REGULATIONS.
3. TYPICAL DETAIL FOR BUS STOP ARRANGEMENTS PROVIDED IN BCID GUIDANCE BOOKLET.

Disclaimer
 a. © National Transport Authority (NTA) 2022. This drawing is confidential and the copyright in it is owned by NTA. This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior permission of NTA.
 b. This drawing is to be used for the design element identified in the titleblock. Other information shown is to be considered indicative only. The drawing is to be read in conjunction with all other relevant design drawings.
 c. O.S. data used for plans are printed under © Ordnance Survey Ireland Government of Ireland. All rights reserved. Licence Number 2022/OSI_NMA_180 National Transport Authority. All elevations are in metres and relate to OSI Geoid Model (OSGM15) Mean Head. All Co-ordinates are in Irish 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.
 e. The information contained herein has been provided by the NTA but does not purport to be comprehensive or final. Recipients should not rely on the information. Neither the NTA nor any of its directors, officers, employees, agents, stakeholders or advisers make any representation or warranty as to, or accept any liability or responsibility in relation to, the adequacy, accuracy, reasonableness or completeness of the information provided as part of this document or any matter on which the information is based (including but not limited to loss or damage arising as a result of reliance by recipients on the information or any part of it). Any liabilities are hereby expressly disclaimed.







| Rev | Date | Drn | Chk'd | App'd | Description |
|-----|----------|-----|-------|-------|------------------------------|
| M01 | MAR 2023 | CG | EOC | SMG | ISSUED FOR PHASE 4: PLANNING |

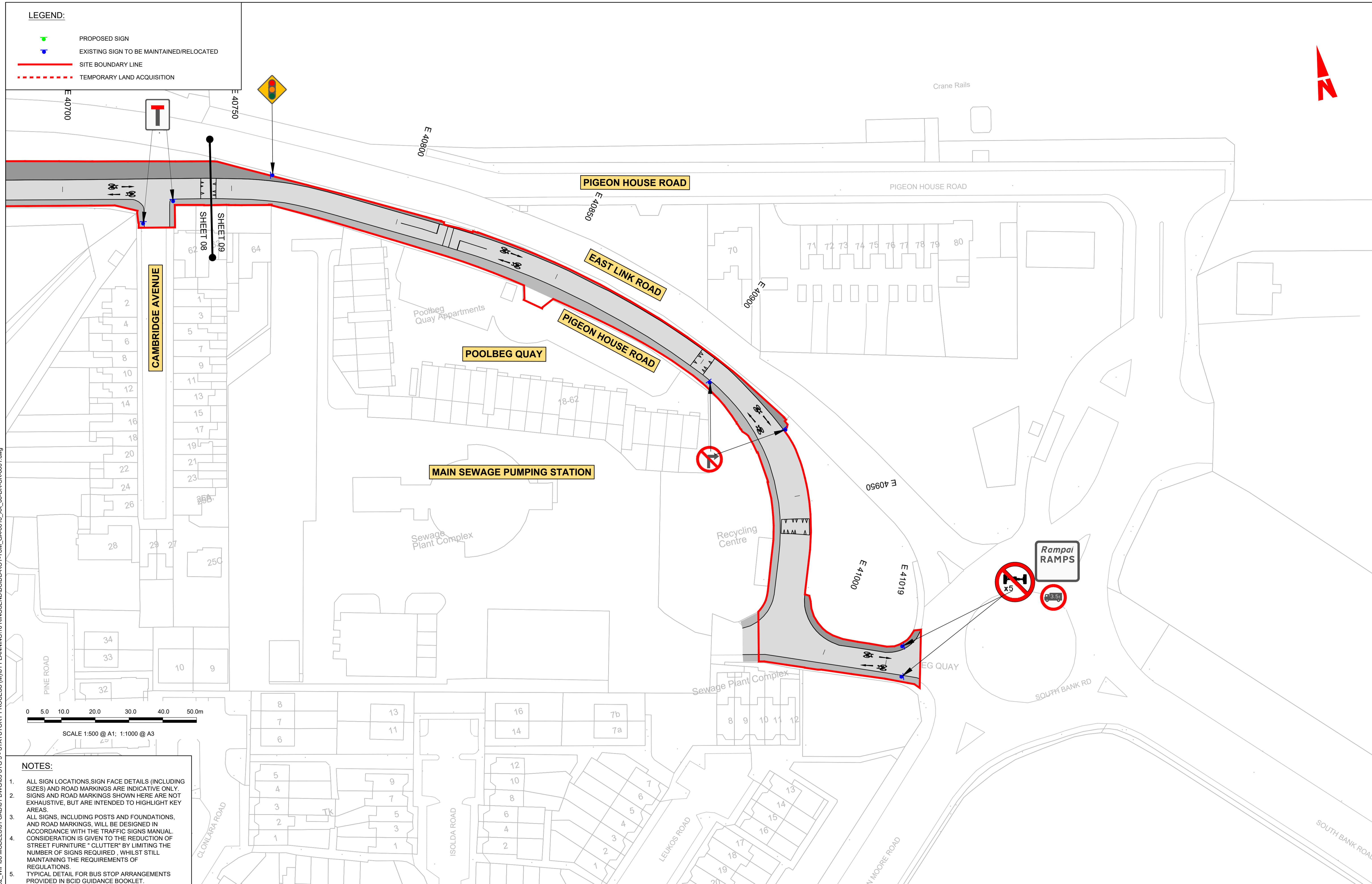
| | | | | |
|---|----------------------------|--|---------|----------|
|  Údarás Náisiúnta Iompair National Transport Authority | | Engineering Designer  IROD TYPSA | | |
| Date | Scale | Drawn | Checked | Approved |
| MAR 2023 | 1:500 @ A1 1:1,000 @ A3 | CG | EOC | SMG |
| Programme Code | Originator Code | QMS Code | | |
| BCIDD | ROT | | | |

| | | | |
|---|--------------|--------|-----|
| Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS | | | |
| Drawing Title RINGSSEND TO CITY CENTRE CORE BUS CORRIDOR SCHEME TRAFFIC SIGNS AND ROAD MARKINGS | | | |
| Drawing File Name | Sheet Number | Status | Rev |
| BCIDD-ROT-TSM_GA-0016_XX_00-DR-CR-0008 | 08 of 12 | A | M01 |

DO NOT SCALE USE FIGURED DIMENSIONS ONLY

\\vodubp1\U201919\17\117-02_WIP\08 MODELS\01 CAD\01 PLANNING\16 RINGSSEND\BCIDD-ROT-TSM_GA-0016_XX_00-DR-CR-0001.dwg

- LEGEND:**
-  PROPOSED SIGN
 -  EXISTING SIGN TO BE MAINTAINED/RELOCATED
 -  SITE BOUNDARY LINE
 -  TEMPORARY LAND ACQUISITION



- NOTES:**
- ALL SIGN LOCATIONS, SIGN FACE DETAILS (INCLUDING SIZES) AND ROAD MARKINGS ARE INDICATIVE ONLY. SIGNS AND ROAD MARKINGS SHOWN HERE ARE NOT EXHAUSTIVE, BUT ARE INTENDED TO HIGHLIGHT KEY AREAS.
 - ALL SIGNS, INCLUDING POSTS AND FOUNDATIONS, AND ROAD MARKINGS, WILL BE DESIGNED IN ACCORDANCE WITH THE TRAFFIC SIGNS MANUAL. CONSIDERATION IS GIVEN TO THE REDUCTION OF STREET FURNITURE "CLUTTER" BY LIMITING THE NUMBER OF SIGNS REQUIRED, WHILE STILL MAINTAINING THE REQUIREMENTS OF REGULATIONS.
 - TYPICAL DETAIL FOR BUS STOP ARRANGEMENTS PROVIDED IN BCID GUIDANCE BOOKLET.

Disclaimer

a. © National Transport Authority (NTA) 2022. This drawing is confidential and the copyright in it is owned by NTA. This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior permission of NTA.

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

c. O.S. data used for plans are printed under © Ordnance Survey Ireland Government of Ireland. All rights reserved. Licence Number 2022/OSI_NMA_180 National Transport Authority. All elevations are in metres and relate to OSI Geoid Model (OSGM15) Mean Head. All Co-ordinates are in Irish 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 superceded. Recipients should not rely on this information. Any liabilities are hereby expressly disclaimed.

e. The information contained herein has been provided by the NTA but does not purport to be comprehensive or final. Recipients should not rely on the information. Neither the NTA nor any of its directors, officers, employees, agents, stakeholders or advisers make any representation or warranty as to, or accept any liability or responsibility in relation to, the adequacy, accuracy, reasonableness or completeness of the information provided as part of this document or any matter on which the information is based (including but not limited to loss or damage arising as a result of reliance by recipients on the information or any part of it). Any liabilities are hereby expressly disclaimed.







| Rev | Date | Drn | Chk'd | App'd | Description |
|-----|----------|-----|-------|-------|------------------------------|
| M01 | MAR 2023 | CG | EOC | SMG | ISSUED FOR PHASE 4: PLANNING |

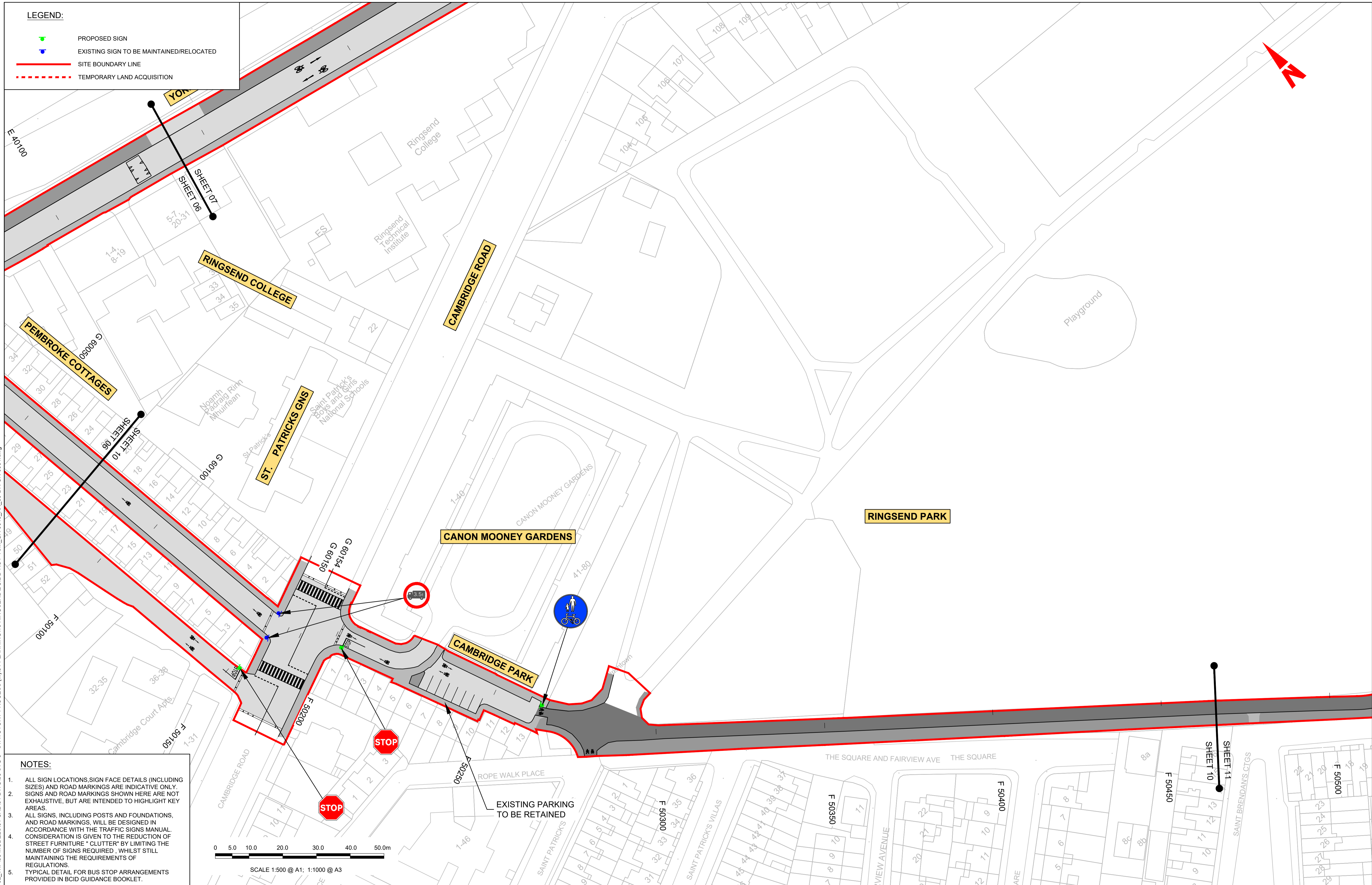
| | | | | |
|--|----------------------------|--|---------|----------|
| NTA Údarás Náisiúnta Iompair National Transport Authority | | Engineering Designer CIROD TYPSA | | |
| Date | Scale | Drawn | Checked | Approved |
| MAR 2023 | 1:500 @ A1 1:1,000 @ A3 | CG | EOC | SMG |
| Programme Code | Originator Code | QMS Code | | |
| BCIDD | ROT | | | |

| | | | |
|--|--------------|--------|-----|
| BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS | | | |
| Drawing Title RINGSEND TO CITY CENTRE CORE BUS CORRIDOR SCHEME TRAFFIC SIGNS AND ROAD MARKINGS | | | |
| Drawing File Name | Sheet Number | Status | Rev |
| BCIDD-ROT-TSM_GA-0016_XX_00-DR-CR-0009 | 09 of 12 | A | M01 |

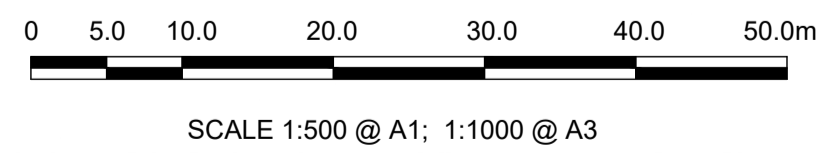
DO NOT SCALE USE FIGURED DIMENSIONS ONLY

\\vodubp1\U201917\171117-02_WIP\08 MODELS\01 CAD\01 PLANNING\16 RINGSEND\BCIDD-ROT-TSM_GA-0016_XX_00-DR-CR-0001.dwg

- LEGEND:**
-  PROPOSED SIGN
 -  EXISTING SIGN TO BE MAINTAINED/RELOCATED
 -  SITE BOUNDARY LINE
 -  TEMPORARY LAND ACQUISITION



- NOTES:**
- ALL SIGN LOCATIONS, SIGN FACE DETAILS (INCLUDING SIZES) AND ROAD MARKINGS ARE INDICATIVE ONLY. SIGNS AND ROAD MARKINGS SHOWN HERE ARE NOT EXHAUSTIVE, BUT ARE INTENDED TO HIGHLIGHT KEY AREAS.
 - ALL SIGNS, INCLUDING POSTS AND FOUNDATIONS, AND ROAD MARKINGS, WILL BE DESIGNED IN ACCORDANCE WITH THE TRAFFIC SIGNS MANUAL. CONSIDERATION IS GIVEN TO THE REDUCTION OF STREET FURNITURE "CLUTTER" BY LIMITING THE NUMBER OF SIGNS REQUIRED, WHILE STILL MAINTAINING THE REQUIREMENTS OF REGULATIONS.
 - TYPICAL DETAIL FOR BUS STOP ARRANGEMENTS PROVIDED IN BCID GUIDANCE BOOKLET.



Disclaimer

a. © National Transport Authority (NTA) 2022. This drawing is confidential and the copyright in it is owned by NTA. This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior permission of NTA.

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

c. O.S. data used for plans are printed under © Ordnance Survey Ireland Government of Ireland. All rights reserved. Licence Number 2022/OSI_NMA_180 National Transport Authority. All elevations are in metres and relate to OSI Geoid Model (OSGM15) Mean Head. All Co-ordinates are in Irish 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 information. The information contained herein does not purport to be comprehensive or final as the apparatus is subject to being altered and/or superceded. Recipients should not rely on this information. Any liabilities are hereby expressly disclaimed.

e. The information contained herein has been provided by the NTA but does not purport to be comprehensive or final. Recipients should not rely on the information. Neither the NTA nor any of its directors, officers, employees, agents, stakeholders or advisers make any representation or warranty as to, or accept any liability or responsibility in relation to, the adequacy, accuracy, reasonableness or completeness of the information provided as part of this document or any matter on which the information is based (including but not limited to loss or damage arising as a result of reliance by recipients on the information or any part of it). Any liabilities are hereby expressly disclaimed.



| Rev | Date | Drm | Chk'd | App'd | Description |
|-----|----------|-----|-------|-------|------------------------------|
| M01 | MAR 2023 | CG | EOC | SMG | ISSUED FOR PHASE 4: PLANNING |

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

Engineering Designer: **CIROD**
TYPSA

Date: MAR 2023
Scale: 1:500 @ A1
1:1,000 @ A3

Drawn: CG
Checked: EOC
Approved: SMG





Programme Code: BCIDD
Originator Code: ROT
QMS Code:

| | | | |
|--|------------------------|-----------|----------|
| Programme Title: BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS | | | |
| Drawing Title: RINGSEND TO CITY CENTRE CORE BUS CORRIDOR SCHEME TRAFFIC SIGNS AND ROAD MARKINGS | | | |
| Drawing File Name: BCIDD-ROT-TSM_GA-0016_XX_00-DR-CR-0010 | Sheet Number: 10 of 12 | Status: A | Rev: M01 |

DO NOT SCALE USE FIGURED DIMENSIONS ONLY

\\produbp1\j\2019\1917\1917-02_WIP\08 MODELS\01 CAD\01 PLANNING\16 RINGSEND\BCIDD-ROT-TSM_GA-0016_XX_00-DR-CR-0001.dwg

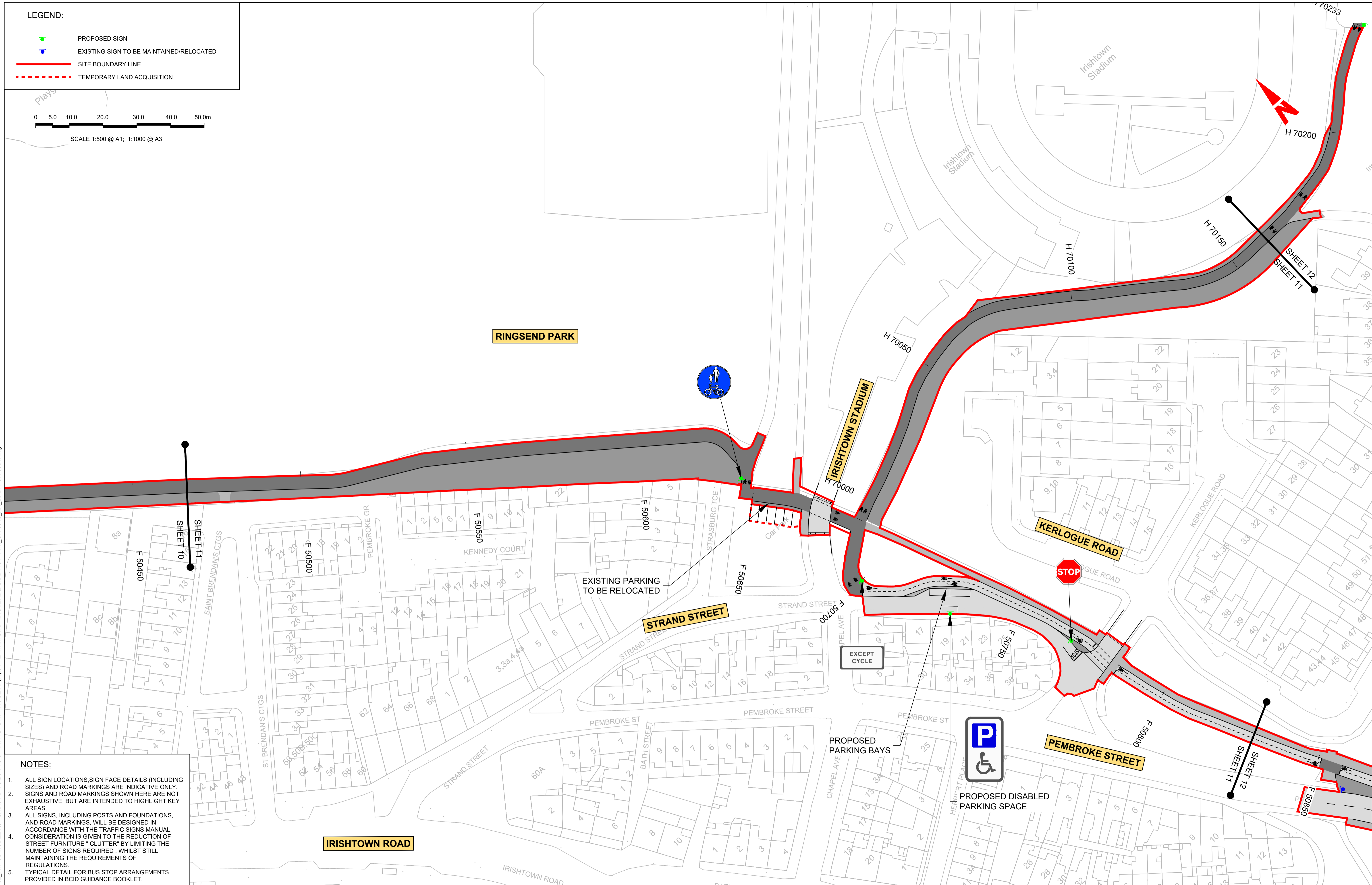
LEGEND:

-  PROPOSED SIGN
-  EXISTING SIGN TO BE MAINTAINED/RELOCATED
-  SITE BOUNDARY LINE
-  TEMPORARY LAND ACQUISITION



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

\\wddubp1u20191717117-02_WIP008 MODELS01 CAD01 DWG003 STG 3 - STATUTORY PROCESS (M)01 PLANNING16 RINGSEND\BCIDD-ROT-TSM_GA-0016_XX_00-DR-CR-0001.dwg



NOTES:

1. ALL SIGN LOCATIONS, SIGN FACE DETAILS (INCLUDING SIZES) AND ROAD MARKINGS ARE INDICATIVE ONLY. SIGNS AND ROAD MARKINGS SHOWN HERE ARE NOT EXHAUSTIVE, BUT ARE INTENDED TO HIGHLIGHT KEY AREAS.
2. ALL SIGNS, INCLUDING POSTS AND FOUNDATIONS, AND ROAD MARKINGS, WILL BE DESIGNED IN ACCORDANCE WITH THE TRAFFIC SIGNS MANUAL. CONSIDERATION IS GIVEN TO THE REDUCTION OF STREET FURNITURE "CLUTTER" BY LIMITING THE NUMBER OF SIGNS REQUIRED, WHILST STILL MAINTAINING THE REQUIREMENTS OF REGULATIONS.
3. TYPICAL DETAIL FOR BUS STOP ARRANGEMENTS PROVIDED IN BCID GUIDANCE BOOKLET.

Disclaimer

a. © National Transport Authority (NTA) 2022. This drawing is confidential and the copyright in it is owned by NTA. This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior permission of NTA.

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

c. O.S. data used for plans are printed under © Ordnance Survey Ireland Government of Ireland. All rights reserved. Licence Number 2022/OSI_NMA_180 National Transport Authority. All elevations are in metres and relate to OSI Geoid Model (OSGM15) Mean Head. All Co-ordinates are in Irish 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 superceded. Recipients should not rely on this information. Any liabilities are hereby expressly disclaimed.

e. The information contained herein has been provided by the NTA but does not purport to be comprehensive or final. Recipients should not rely on the information. Neither the NTA nor any of its directors, officers, employees, agents, stakeholders or advisers make any representation or warranty as to, or accept any liability or responsibility in relation to, the adequacy, accuracy, reasonableness or completeness of the information provided as part of this document or any matter on which the information is based (including but not limited to loss or damage arising as a result of reliance by recipients on the information or any part of it). Any liabilities are hereby expressly disclaimed.

Project Ireland 2040
Building Ireland's Future

| Rev | Date | Drn | Chk'd | App'd | Description |
|-----|----------|-----|-------|-------|------------------------------|
| M01 | MAR 2023 | CG | EOC | SMG | ISSUED FOR PHASE 4: PLANNING |

Client
NTA
Udarás Náisiúnta Iompair
National Transport Authority

Engineering Designer
IROD
TYPSA





Date: MAR 2023
Scale: 1:500 @ A1, 1:1000 @ A3
Programme Code: BCIDD
Originator Code: ROT

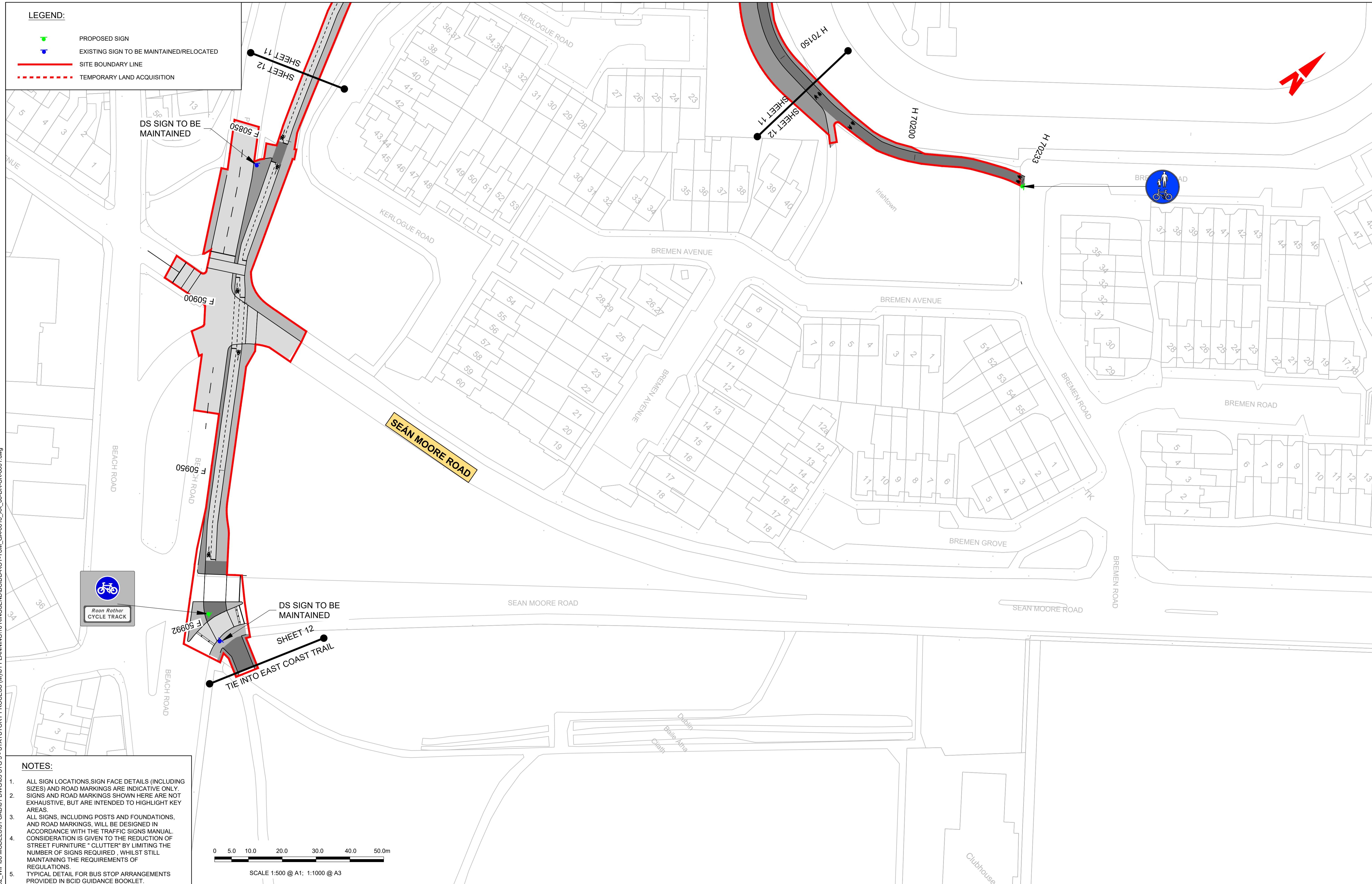
Drawn: CG
Checked: EOC
Approved: SMG

| | | | |
|---|--------------------------|-------------|------------|
| Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS | | | |
| Drawing Title RINGSEND TO CITY CENTRE CORE BUS CORRIDOR SCHEME TRAFFIC SIGNS AND ROAD MARKINGS | | | |
| Drawing File Name BCIDD-ROT-TSM_GA-0016_XX_00-DR-CR-0011 | Sheet Number 11 of 12 | Status A | Rev M01 |

DO NOT SCALE USE FIGURED DIMENSIONS ONLY

LEGEND:

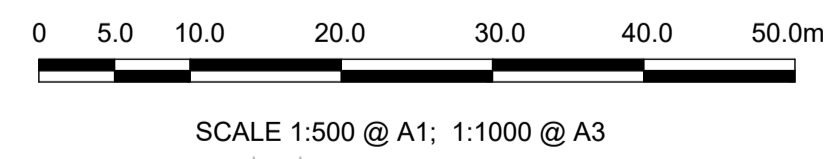
-  PROPOSED SIGN
-  EXISTING SIGN TO BE MAINTAINED/RELOCATED
-  SITE BOUNDARY LINE
-  TEMPORARY LAND ACQUISITION



\\wddubhp1u20191917117117-02_WIP008 MODELS01 CAD01 DWG003 STG 3 - STATUTORY PROCESS (M)01 PLANNING16 RINGSEND/BCIDD-ROT-TSM_GA-0016_XX_00-DR-CR-0001.dwg

NOTES:

1. ALL SIGN LOCATIONS, SIGN FACE DETAILS (INCLUDING SIZES) AND ROAD MARKINGS ARE INDICATIVE ONLY. SIGNS AND ROAD MARKINGS SHOWN HERE ARE NOT EXHAUSTIVE, BUT ARE INTENDED TO HIGHLIGHT KEY AREAS.
2. ALL SIGNS, INCLUDING POSTS AND FOUNDATIONS, AND ROAD MARKINGS, WILL BE DESIGNED IN ACCORDANCE WITH THE TRAFFIC SIGNS MANUAL. CONSIDERATION IS GIVEN TO THE REDUCTION OF STREET FURNITURE "CLUTTER" BY LIMITING THE NUMBER OF SIGNS REQUIRED, WHILE STILL MAINTAINING THE REQUIREMENTS OF REGULATIONS.
3. TYPICAL DETAIL FOR BUS STOP ARRANGEMENTS PROVIDED IN BCID GUIDANCE BOOKLET.



Disclaimer
 a. © National Transport Authority (NTA) 2022. This drawing is confidential and the copyright in it is owned by NTA. This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior permission of NTA.
 b. This drawing is to be used for the design element identified in the titlebox. Other information shown is to be considered indicative only. The drawing is to be read in conjunction with all other relevant design drawings.
 c. O.S. data used for plans are printed under © Ordnance Survey Ireland Government of Ireland. All rights reserved. Licence Number 2022/OSI_NMA_180 National Transport Authority. All elevations are in metres and relate to OSI Geoid Model (OSGM15) Mean Head. All Co-ordinates are in Irish 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 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.
 e. The information contained herein has been provided by the NTA but does not purport to be comprehensive or final. Recipients should not rely on the information. Neither the NTA nor any of its directors, officers, employees, agents, stakeholders or advisers make any representation or warranty as to, or accept any liability or responsibility in relation to, the adequacy, accuracy, reasonableness or completeness of the information provided as part of this document or any matter on which the information is based (including but not limited to loss or damage arising as a result of reliance by recipients on the information or any part of it). Any liabilities are hereby expressly disclaimed.



| Rev | Date | Drn | Chk'd | App'd | Description |
|-----|----------|-----|-------|-------|------------------------------|
| M01 | MAR 2023 | CG | EOC | SMG | ISSUED FOR PHASE 4: PLANNING |

| | | | | |
|--|-------------------------------------|---|----------------|-----------------|
| Client NTA Údarás Náisiúnta Iompair National Transport Authority | | Engineering Designer CIROD TYPSA | | |
| Date MAR 2023 | Scale 1:500 @ A1 1:1,000 @ A3 | Drawn CG | Checked EOC | Approved SMG |
| Programme Code BCIDD | Originator Code ROT | QMS Code | | |

| | | | |
|--|--------------------------|-------------|------------|
| Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS | | | |
| Drawing Title RINGSEND TO CITY CENTRE CORE BUS CORRIDOR SCHEME TRAFFIC SIGNS AND ROAD MARKINGS | | | |
| Drawing File Name BCIDD-ROT-TSM_GA-0016_XX_00-DR-CR-0012 | Sheet Number 12 of 12 | Status A | Rev M01 |

DO NOT SCALE USE FIGURED DIMENSIONS ONLY