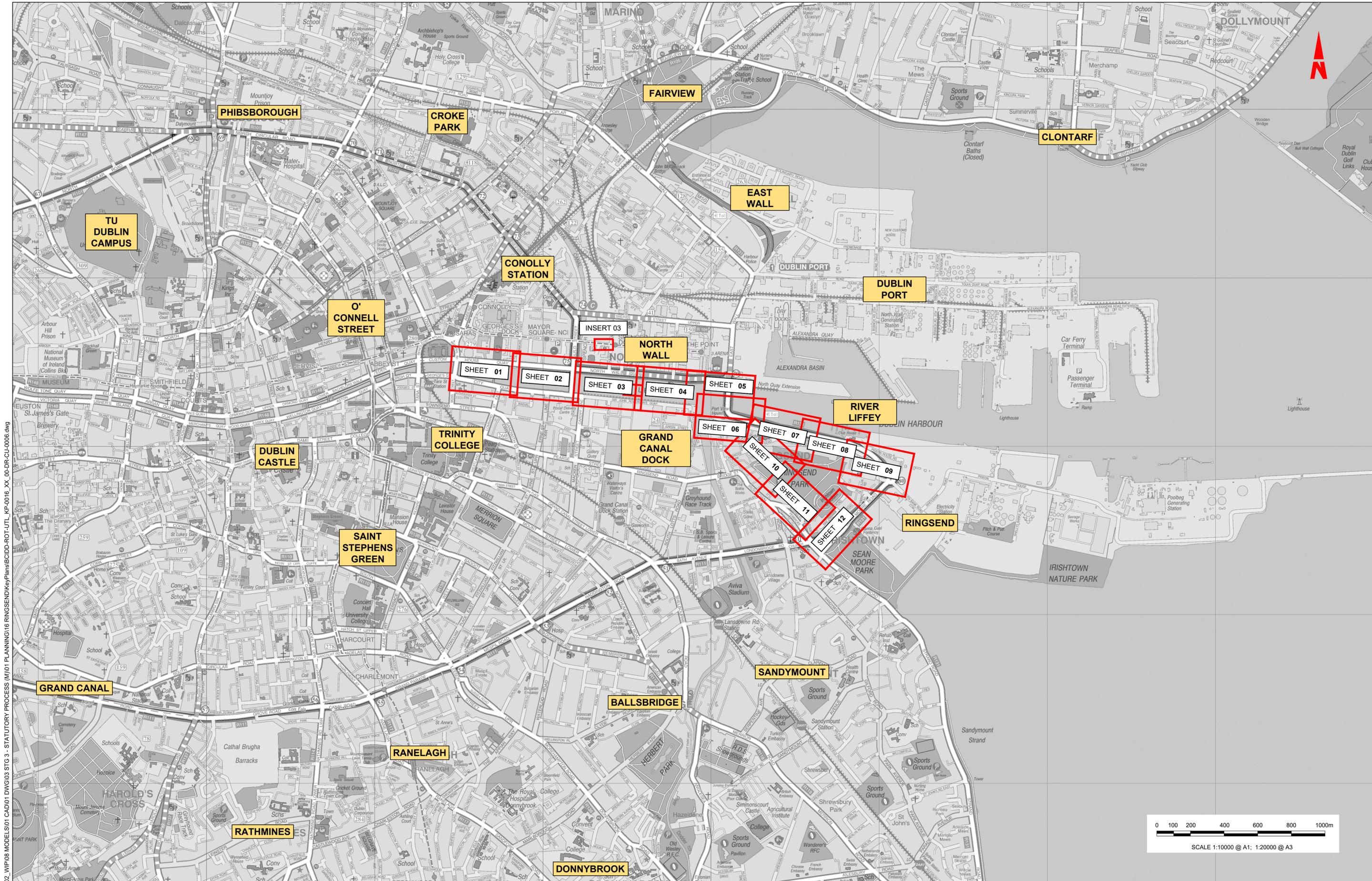


Appendix B15
IW Water Asset
Alterations



W:\000000\1917117-02_WIP\08 MODELS\01 CAD\01 PLANNING\16 RINGSEND\KEY\Plans\BCIDD-ROT-UTL_KP-0016_XX_00-DR-CU-0006.dwg
 W:\000000\1917117-02_WIP\08 MODELS\01 CAD\01 PLANNING\16 RINGSEND\KEY\Plans\BCIDD-ROT-UTL_KP-0016_XX_00-DR-CU-0006.dwg

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 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contained herein does not purport to be comprehensive or final as the apparatus is subject to being altered and/or superseded.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.

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

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

Engineering Designer: **CIROD**
 TYPSA

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

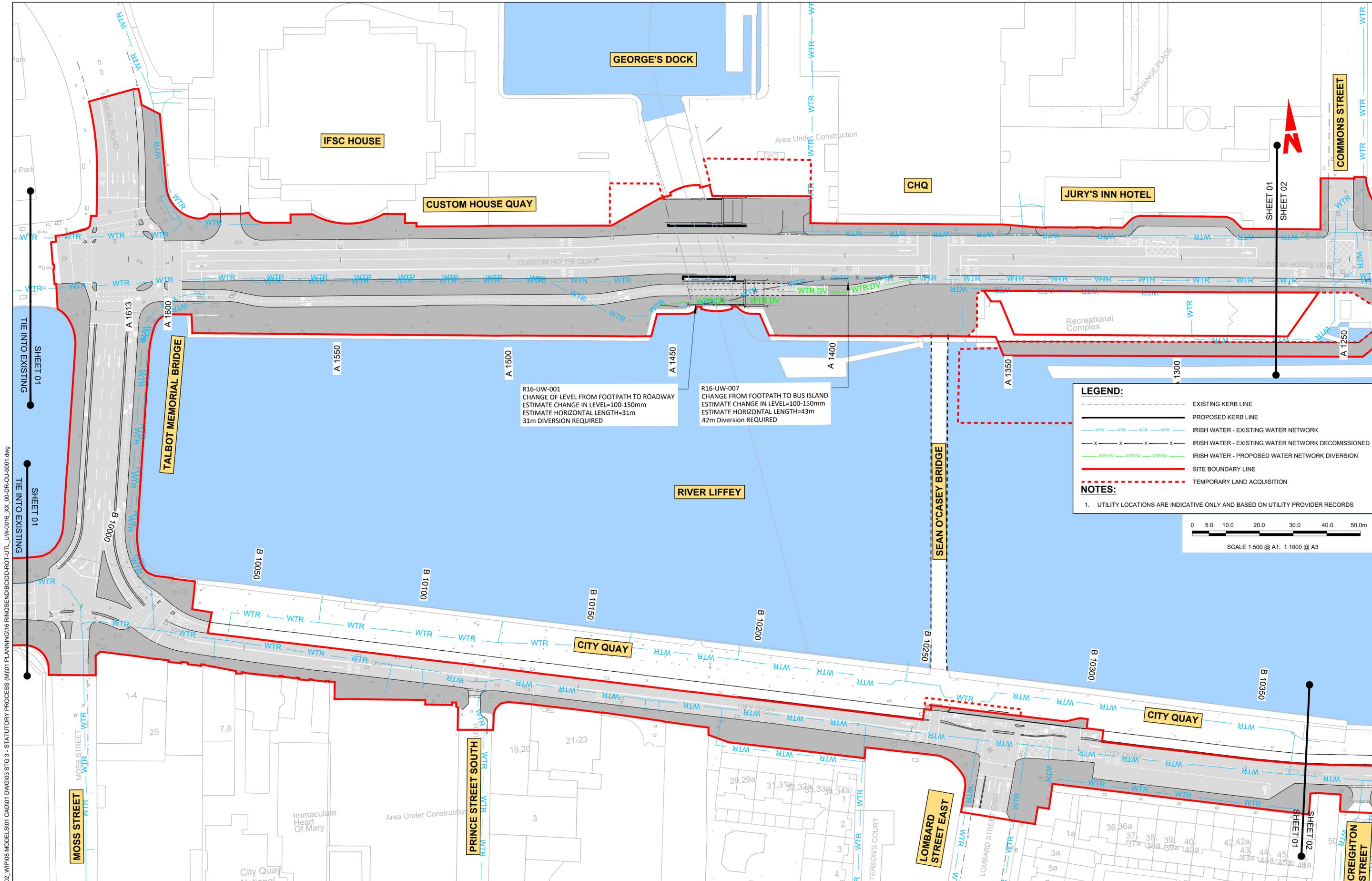
Drawing Title: RINGSEND TO CITY CENTRE CORE BUS CORRIDOR SCHEME IW WATER ASSET ALTERATIONS KEYPLAN

Drawing File Name: BCIDD-ROT-UTL_KP-0016_XX_00-DR-CU-0006
 Sheet Number: 01 of 01
 Status: A
 Rev: M01

Date	Scale	Drawn	Checked	Approved
MAR 2023	1:10,000 @ A1 1:20,000 @ A3	DS	EOC	SMG

Programme Code: BCIDD
 Originator Code: ROT
 QMS Code:

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R16-UW-001
CHANGE OF LEVEL FROM FOOTPATH TO ROADWAY
ESTIMATE CHANGE IN LEVEL=100-150mm
ESTIMATE HORIZONTAL LENGTH=31m
31m DIVERSION REQUIRED

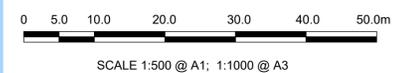
R16-UW-007
CHANGE FROM FOOTPATH TO BUS ISLAND
ESTIMATE CHANGE IN LEVEL=100-150mm
ESTIMATE HORIZONTAL LENGTH=43m
42m DIVERSION REQUIRED

LEGEND:

- EXISTING KERB LINE
- PROPOSED KERB LINE
- WTR — IRISH WATER - EXISTING WATER NETWORK
- X — IRISH WATER - EXISTING WATER NETWORK DECOMMISSIONED
- WTR DV — IRISH WATER - PROPOSED WATER NETWORK DIVERSION
- SITE BOUNDARY LINE
- - - - - TEMPORARY LAND ACQUISITION

NOTES:

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



\\p01\p01\17117-02_WIP\08 MODELS\01 CAD\01 DWG\03 STG 3 - STATUTORY PROCESS (M)\01 PLANNING\16 RINGSEND\BCIDD-ROT-UTL_UW-0016_XX_00-DR-CU-0001.dwg

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Project Ireland 2040
Building Ireland's Future

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

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

Engineering Designer: **CIROD**
CIROD TYPSA

Date: MAR 2023
Scale: 1:500 @ A1
1:1000 @ A3

Drawn: DS
Checked: EOC
Approved: SMG

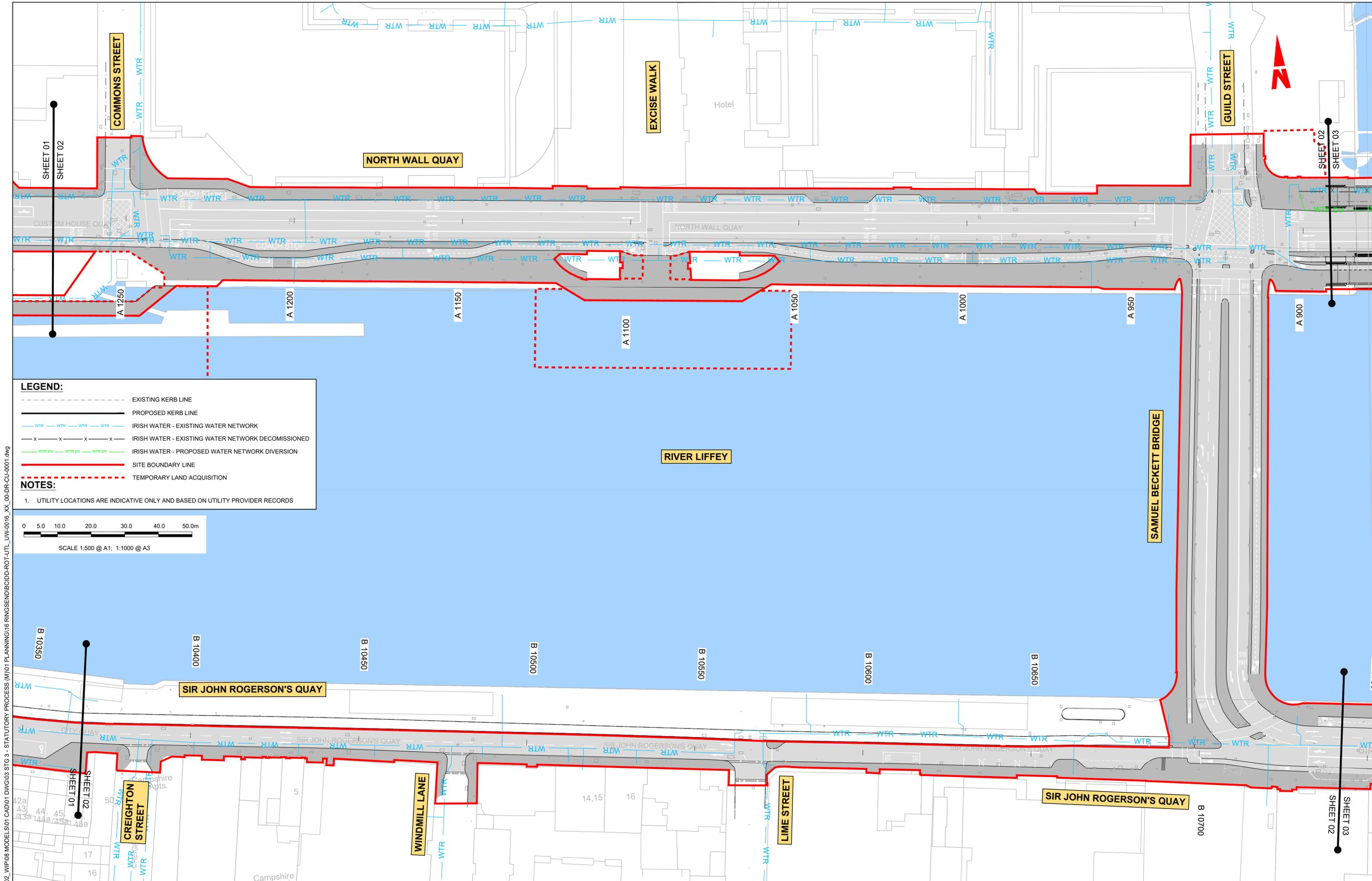
Programme Code: BCIDD
Originator Code: ROT
QMS Code:

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

Drawing Title: RINGSEND TO CITY CENTRE CORE BUS CORRIDOR SCHEME
IW WATER ASSET ALTERATIONS

Drawing File Name: BCIDD-ROT-UTL_UW-0016_XX_00-DR-CU-0001
Sheet Number: 01 of 12
Status: A
Rev: M01

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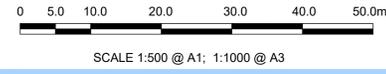


LEGEND:

- EXISTING KERB LINE
- PROPOSED KERB LINE
- WTR IRISH WATER - EXISTING WATER NETWORK
- WTR IRISH WATER - EXISTING WATER NETWORK DECOMMISSIONED
- WTR DV IRISH WATER - PROPOSED WATER NETWORK DIVERSION
- SITE BOUNDARY LINE
- - - - - TEMPORARY LAND ACQUISITION

NOTES:

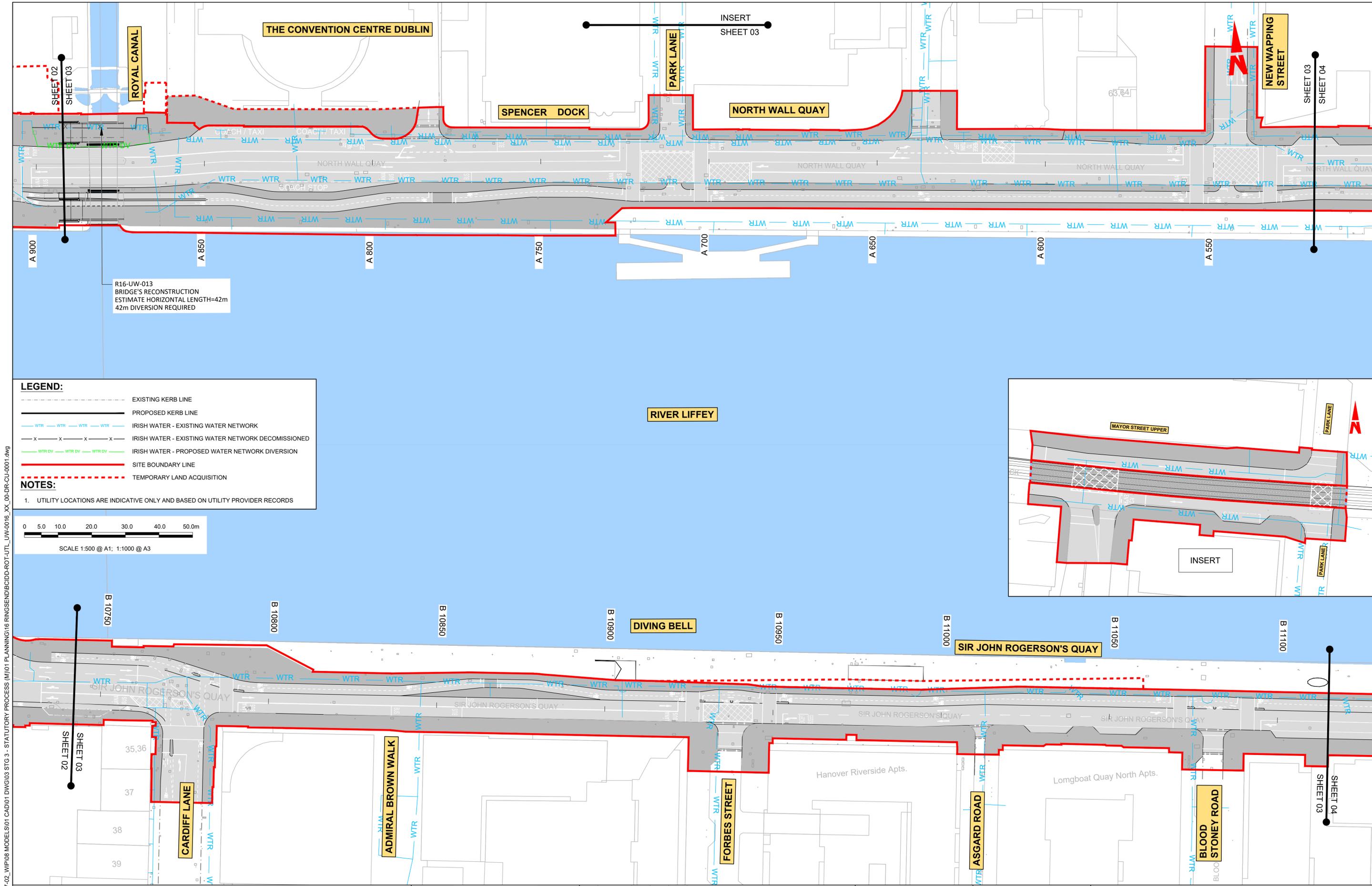
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W:\000000\191717-02_WIP\08 MODELS\01 CAD\01 DWG\03 STG 3 - STATUTORY PROCESS (M)\01 PLANNING\16 RINGSEND\BCIDD-ROT-UTL_UW-0016_XX_00-DR-CU-0001.dwg

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	<p>Date MAR 2023</p> <p>Scale 1:500 @ A1 1:1000 @ A3</p> <p>Programme Code BCIDD</p> <p>Originator Code ROT</p> <p>QMS Code</p>	<p>Drawn DS</p> <p>Checked EOC</p> <p>Approved SMG</p>	<p>Drawing Title</p> <p>RINGSEND TO CITY CENTRE CORE BUS CORRIDOR SCHEME</p> <p>IW WATER ASSET ALTERATIONS</p>	<p>Drawing File Name</p> <p>BCIDD-ROT-UTL_UW-0016_XX_00-DR-CU-0002</p> <p>Sheet Number 02 of 12</p> <p>Status A</p> <p>Rev M01</p>

DO NOT SCALE USE FIGURED DIMENSIONS ONLY



R16-UW-013
BRIDGE'S RECONSTRUCTION
ESTIMATE HORIZONTAL LENGTH=42m
42m DIVERSION REQUIRED

- LEGEND:**
- EXISTING KERB LINE
 - PROPOSED KERB LINE
 - IRISH WATER - EXISTING WATER NETWORK
 - IRISH WATER - EXISTING WATER NETWORK DECOMMISSIONED
 - IRISH WATER - PROPOSED WATER NETWORK DIVERSION
 - SITE BOUNDARY LINE
 - TEMPORARY LAND ACQUISITION
- NOTES:**
- UTILITY LOCATIONS ARE INDICATIVE ONLY AND BASED ON UTILITY PROVIDER RECORDS



\\nodubp1\U201917\1717-02_WIP\08 MODELS\01 CAD\01 DWG\03 STG 3 - STATUTORY PROCESS (M)\01 PLANNING\16 RINGSEND\BCIDD-ROT-UTL_UW-0016_XX_00-DR-CU-0001.dwg

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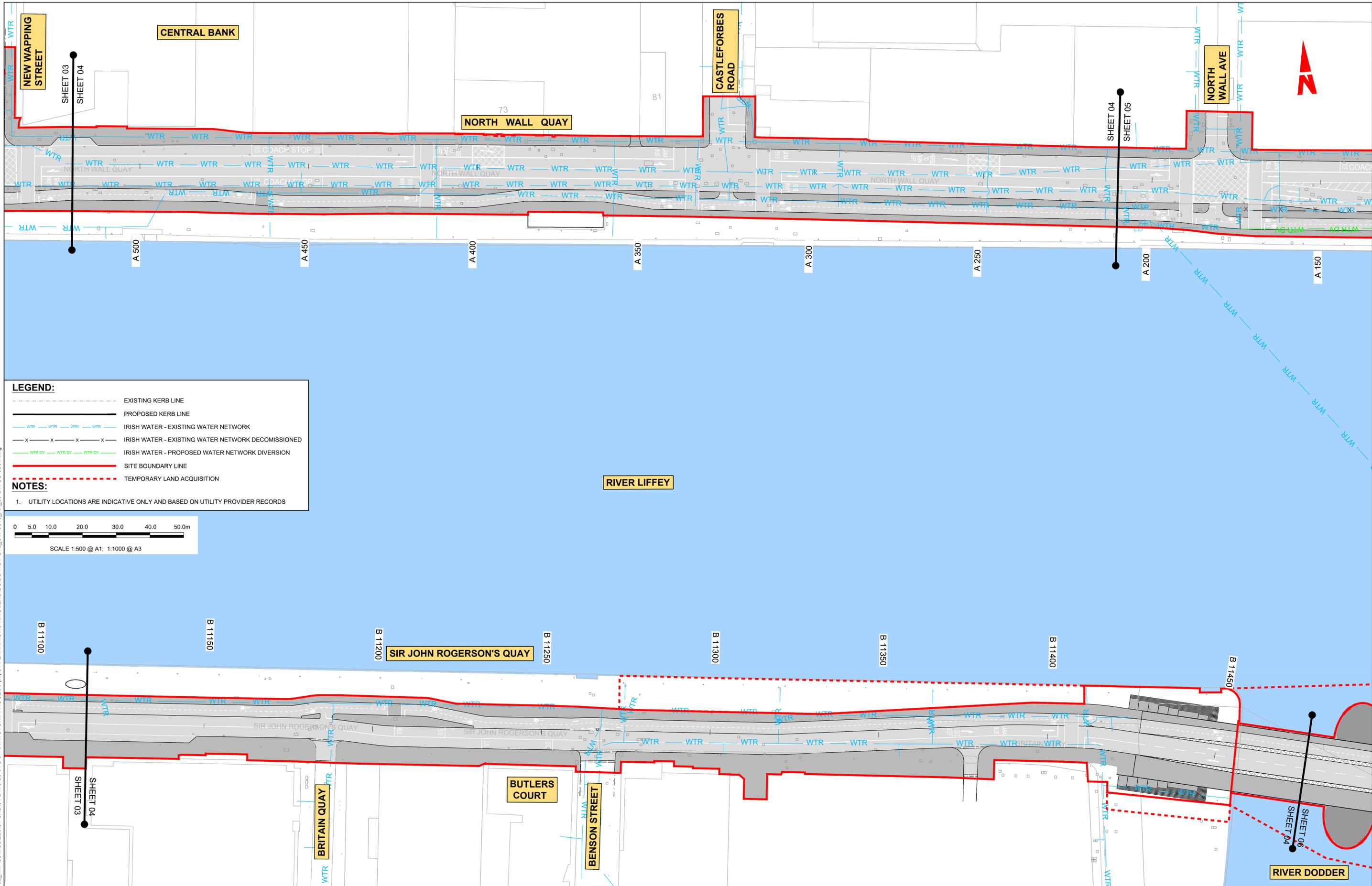
Rev	Date	Drn	Chk'd	App'd	Description
M01	MAR 2023	DS	EOC	SMG	ISSUE FOR PHASE 4: PLANNING

NTA
Údarás Náisiúnta Iompair
National Transport Authority

Date	Scale	Drawn	Checked	Approved
MAR 2023	1:500 @ A1 1:1000 @ A3	DS	EOC	SMG
Programme Code	Originator Code	QMS Code		
BCIDD	ROT			

Programme Title			
BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title			
RINGSEND TO CITY CENTRE CORE BUS CORRIDOR SCHEME IW WATER ASSET ALTERATIONS			
Drawing File Name	Sheet Number	Status	Rev
BCIDD-ROT-UTL_UW-0016_XX_00-DR-CU-0003	03 of 12	A	M01

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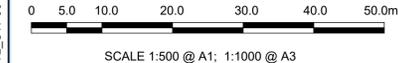


LEGEND:

- EXISTING KERB LINE
- PROPOSED KERB LINE
- WTR IRISH WATER - EXISTING WATER NETWORK
- X X X X X IRISH WATER - EXISTING WATER NETWORK DECOMMISSIONED
- WTR DV IRISH WATER - PROPOSED WATER NETWORK DIVERSION
- SITE BOUNDARY LINE
- - - - - TEMPORARY LAND ACQUISITION

NOTES:

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

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

Engineering Designer: **CIROD**
TYPSA

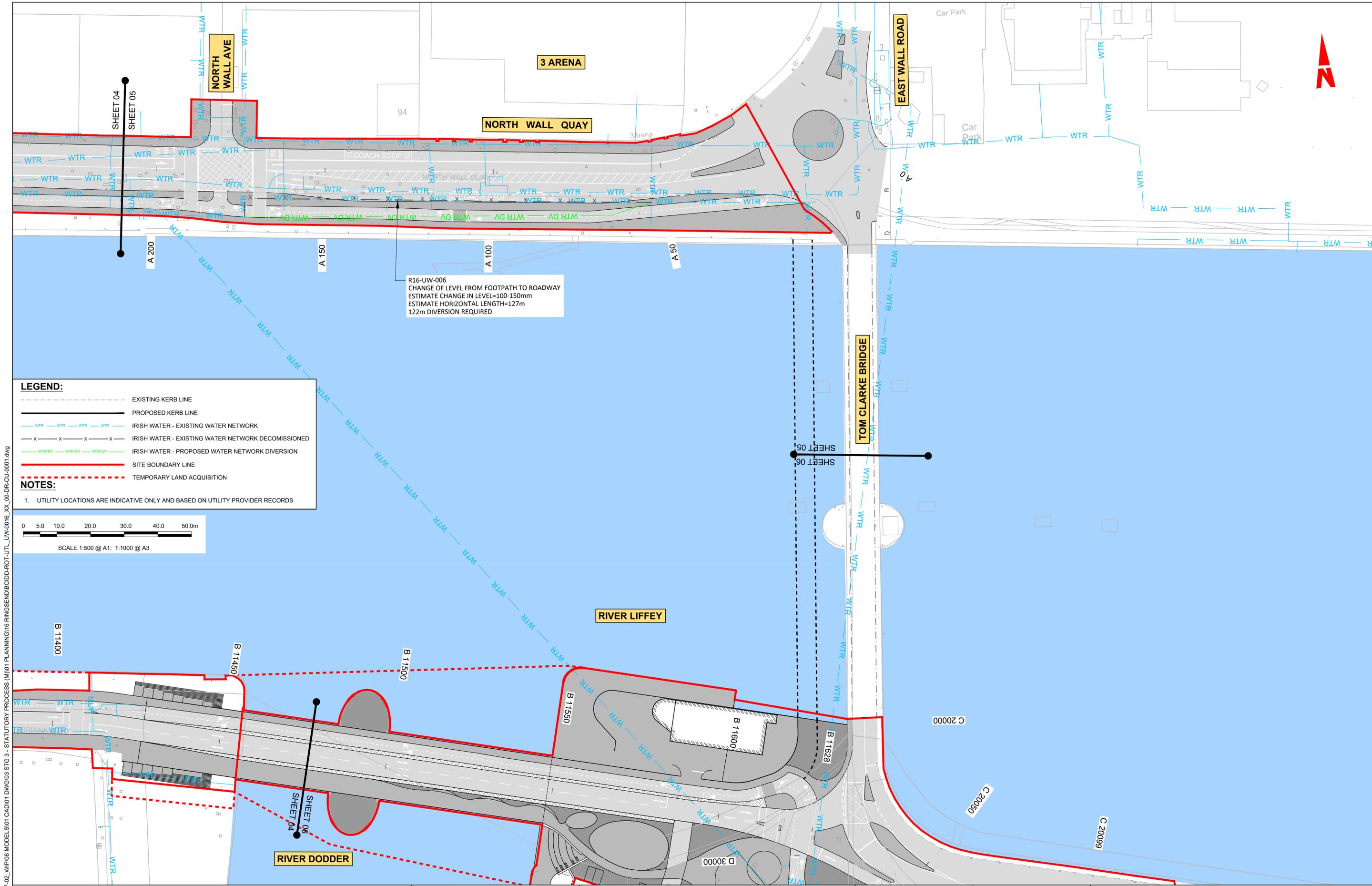
Date: MAR 2023 | Scale: 1:500 @ A1, 1:1000 @ A3 | Drawn: DS | Checked: EOC | Approved: SMG

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 IW WATER ASSET ALTERATIONS			
Drawing File Name: BCIDD-ROT-UTL_UW-0016_XX_00-DR-CU-0004	Sheet Number: 04 of 12	Status: A	Rev: M01

DO NOT SCALE USE FIGURED DIMENSIONS ONLY

\\nodubp1u20191917117-02_WIP08 MODELS01 CAD01 DWG03 STG 3 - STATUTORY PROCESS (M)01 PLANNING16 RINGSEND/BCIDD-ROT-UTL_UW-0016_XX_00-DR-CU-0001.dwg



LEGEND:

- EXISTING KERB LINE
- PROPOSED KERB LINE
- WTR IRISH WATER - EXISTING WATER NETWORK
- WTR X IRISH WATER - EXISTING WATER NETWORK DECOMMISSIONED
- WTR DV IRISH WATER - PROPOSED WATER NETWORK DIVERSION
- SITE BOUNDARY LINE
- TEMPORARY LAND ACQUISITION

NOTES:

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\\v00dubp1u20191917117-02_WIP008 MODELS01 CAD01 DWG003 STG 3 - STATUTORY PROCESS (M)01 PLANNING16 RINGSEND/BCIDD-ROT-UTL_UW-0016_XX_00-DR-CU-0001.dwg

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

Client

Date: MAR 2023
Scale: 1:500 @ A1, 1:1000 @ A3

Engineering Designer

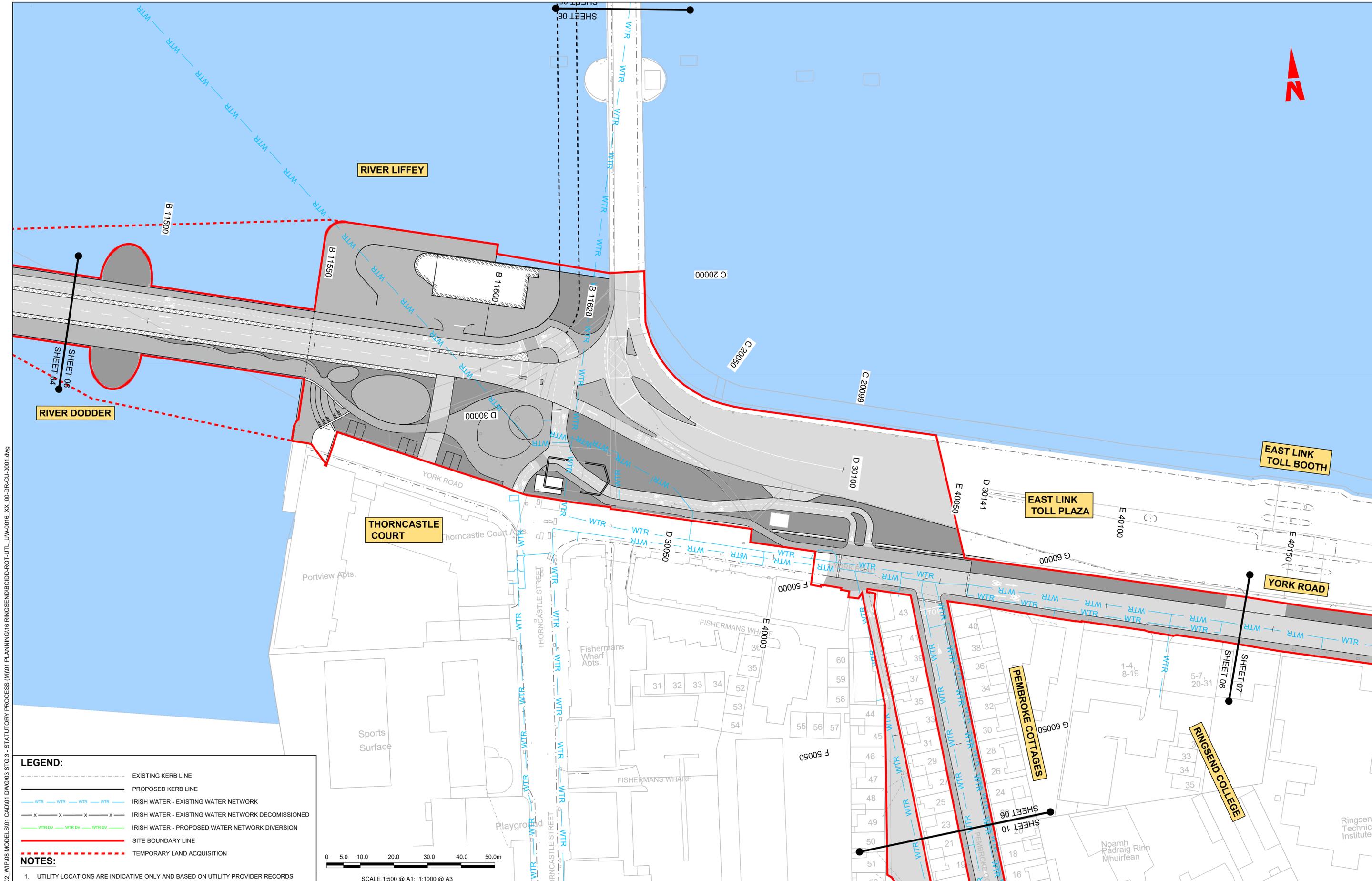
Drawn: DS
Checked: EOC
Approved: SMG

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

Drawing Title: RINGSEND TO CITY CENTRE CORE BUS CORRIDOR SCHEME IW WATER ASSET ALTERATIONS

Drawing File Name: BCIDD-ROT-UTL_UW-0016_XX_00-DR-CU-0005
Sheet Number: 05 of 12
Status: A
Rev: M01

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LEGEND:

- EXISTING KERB LINE
- PROPOSED KERB LINE
- IRISH WATER - EXISTING WATER NETWORK
- IRISH WATER - EXISTING WATER NETWORK DECOMMISSIONED
- IRISH WATER - PROPOSED WATER NETWORK DIVERSION
- SITE BOUNDARY LINE
- TEMPORARY LAND ACQUISITION

NOTES:

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<p>Date MAR 2023 Scale 1:500 @ A1 1:1000 @ A3</p>		<p>Drawn DS Checked EOC Approved SMG</p>		<p>Programme Code BCIDD Originator Code ROT QMS Code</p>		<p>Drawing Title RINGSEND TO CITY CENTRE CORE BUS CORRIDOR SCHEME IW WATER ASSET ALTERATIONS</p>					
<p>Drawing File Name BCIDD-ROT-UTL_UW-0016_XX_00-DR-CU-0006</p>						<p>Sheet Number 06 of 12</p>		<p>Status A</p>		<p>Rev M01</p>	

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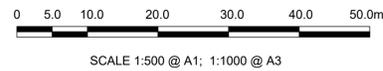
\\nodubp1u201919171717-02_WPI08 MODELS01 CAD01 PLANNING16 RINGSEND\BCIDD-ROT-UTL_UW-0016_XX_00-DR-CU-0001.dwg

LEGEND:

- EXISTING KERB LINE
- PROPOSED KERB LINE
- WTR — WTR — WTR — WTR — IRISH WATER - EXISTING WATER NETWORK
- x — x — x — x — IRISH WATER - EXISTING WATER NETWORK DECOMMISSIONED
- WTR DV — WTR DV — WTR DV — IRISH WATER - PROPOSED WATER NETWORK DIVERSION
- SITE BOUNDARY LINE
- - - - - TEMPORARY LAND ACQUISITION

NOTES:

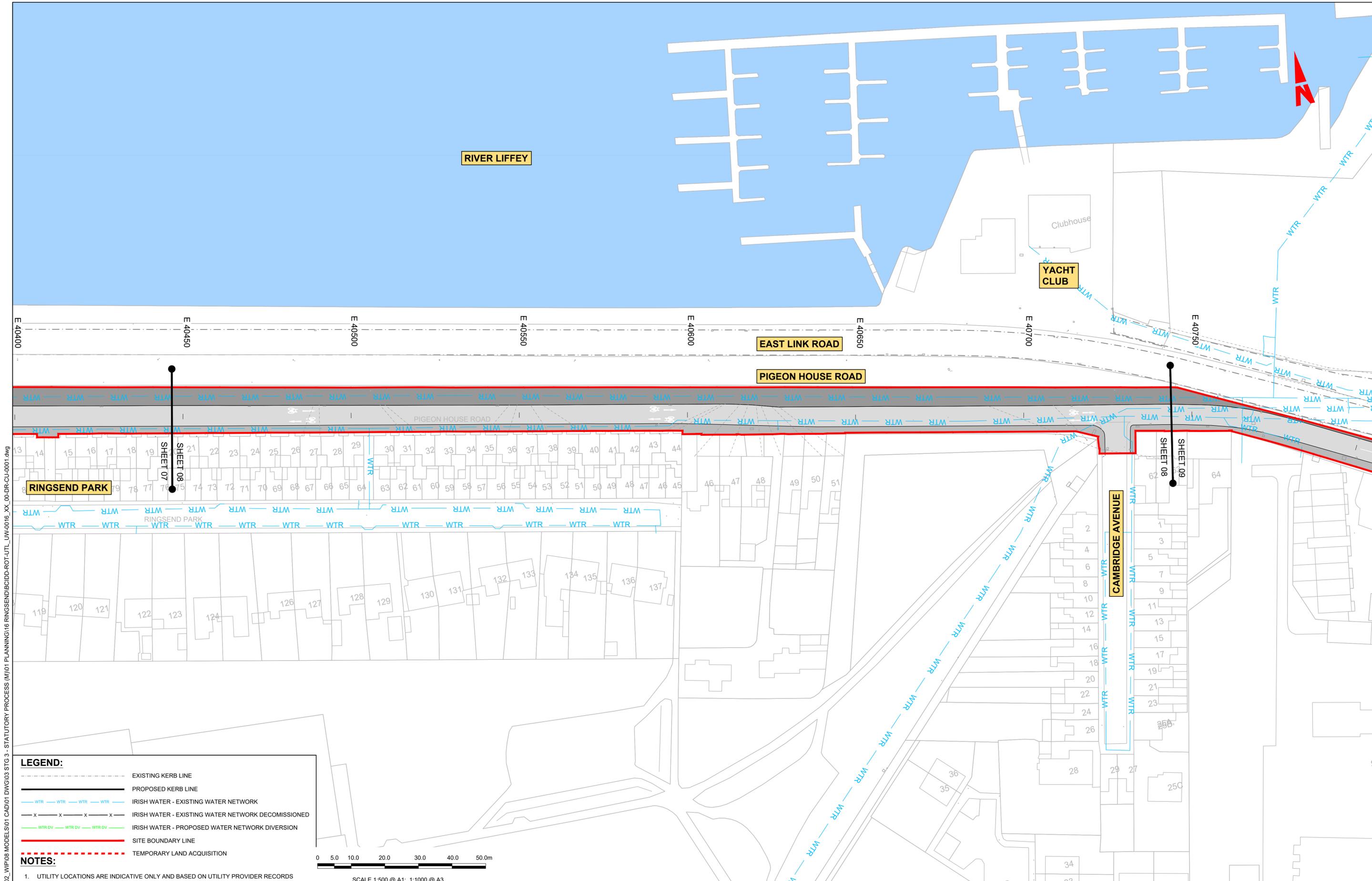
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<p>Rev Date Drm Chk'd App'd Description</p> <p>M01 MAR 2023 DS EOC SMG ISSUE FOR PHASE 4: PLANNING</p>		<p>Client</p> <p>Údarás Náisiúnta Iompair National Transport Authority</p>		<p>Engineering Designer</p> <p>FIROD TYPSA</p>			<p>Programme Title</p> <p>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</p>			
<p>Date</p> <p>MAR 2023</p>		<p>Scale</p> <p>1:500 @ A1 1:1000 @ A3</p>		<p>Drawn</p> <p>DS</p>	<p>Checked</p> <p>EOC</p>	<p>Approved</p> <p>SMG</p>		<p>Drawing Title</p> <p>RINGSEND TO CITY CENTRE CORE BUS CORRIDOR SCHEME IW WATER ASSET ALTERATIONS</p>		
<p>Programme Code</p> <p>BCIDD</p>		<p>Originator Code</p> <p>ROT</p>		<p>QMS Code</p>			<p>Drawing File Name</p> <p>BCIDD-ROT-UTL_UW-0016_XX_00-DR-CU-0007</p>	<p>Sheet Number</p> <p>07 of 12</p>	<p>Status</p> <p>A</p>	<p>Rev</p> <p>M01</p>

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LEGEND:

- EXISTING KERB LINE
- PROPOSED KERB LINE
- IRISH WATER - EXISTING WATER NETWORK
- IRISH WATER - EXISTING WATER NETWORK DECOMMISSIONED
- IRISH WATER - PROPOSED WATER NETWORK DIVERSION
- SITE BOUNDARY LINE
- TEMPORARY LAND ACQUISITION

NOTES:

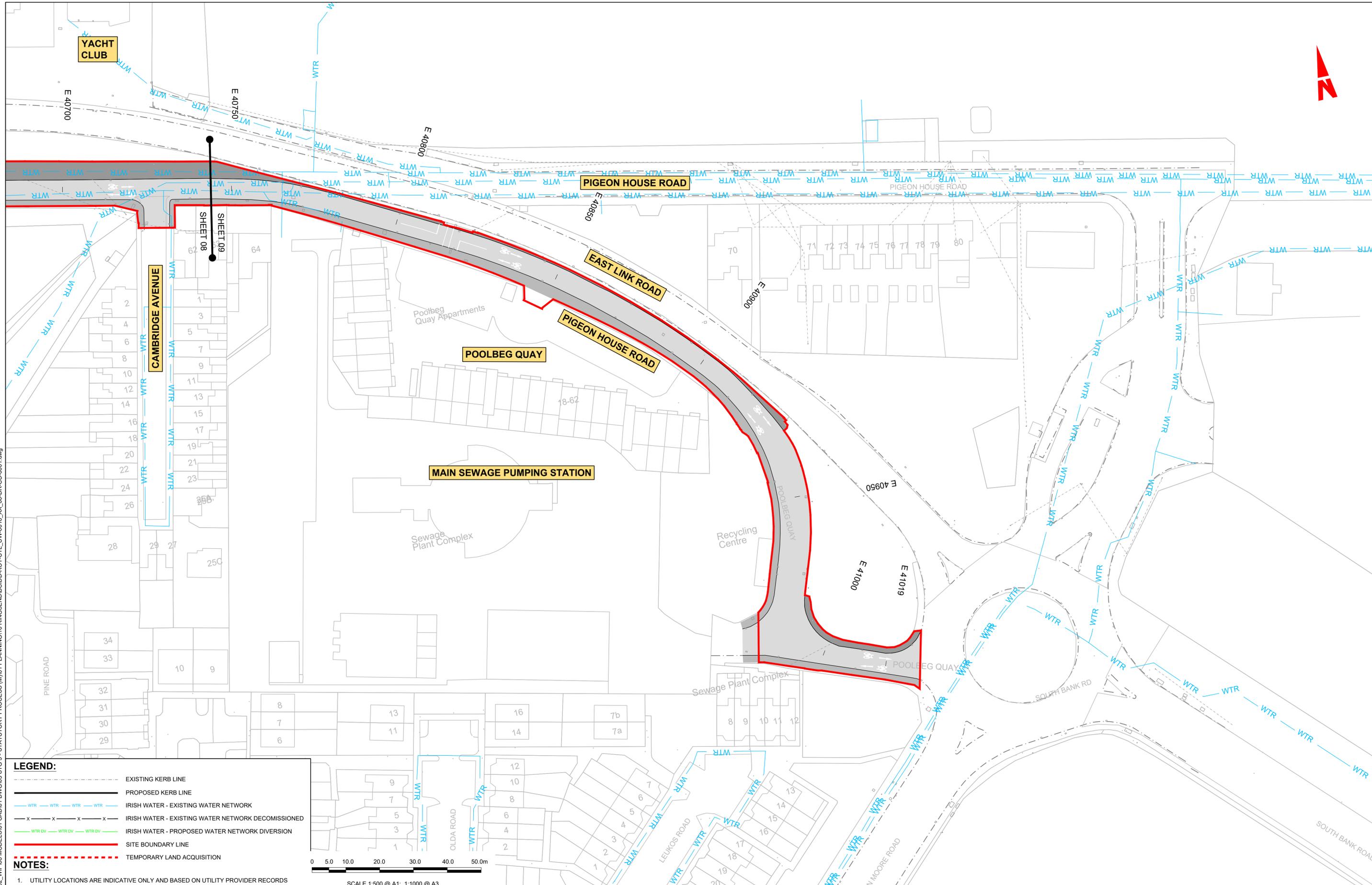
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Rev	Date	Drm	Chk'd	App'd	Description														
M01	MAR 2023	DS	EOC	SMG	ISSUE FOR PHASE 4: PLANNING														
<p>Date</p> <p>MAR 2023</p> <p>Scale</p> <p>1:500 @ A1 1:1000 @ A3</p>		<p>Programme Code</p> <p>BCIDD</p> <p>Originator Code</p> <p>ROT</p> <p>QMS Code</p>		<p>Drawing File Name</p> <p>BCIDD-ROT-UTL_UW-0016_XX_00-DR-CU-0008</p>	<p>Sheet Number</p> <p>08 of 12</p>	<p>Status</p> <p>A</p>	<p>Rev</p> <p>M01</p>												

DO NOT SCALE USE FIGURED DIMENSIONS ONLY



LEGEND:

- EXISTING KERB LINE
- PROPOSED KERB LINE
- IRISH WATER - EXISTING WATER NETWORK
- IRISH WATER - EXISTING WATER NETWORK DECOMMISSIONED
- IRISH WATER - PROPOSED WATER NETWORK DIVERSION
- SITE BOUNDARY LINE
- TEMPORARY LAND ACQUISITION

NOTES:

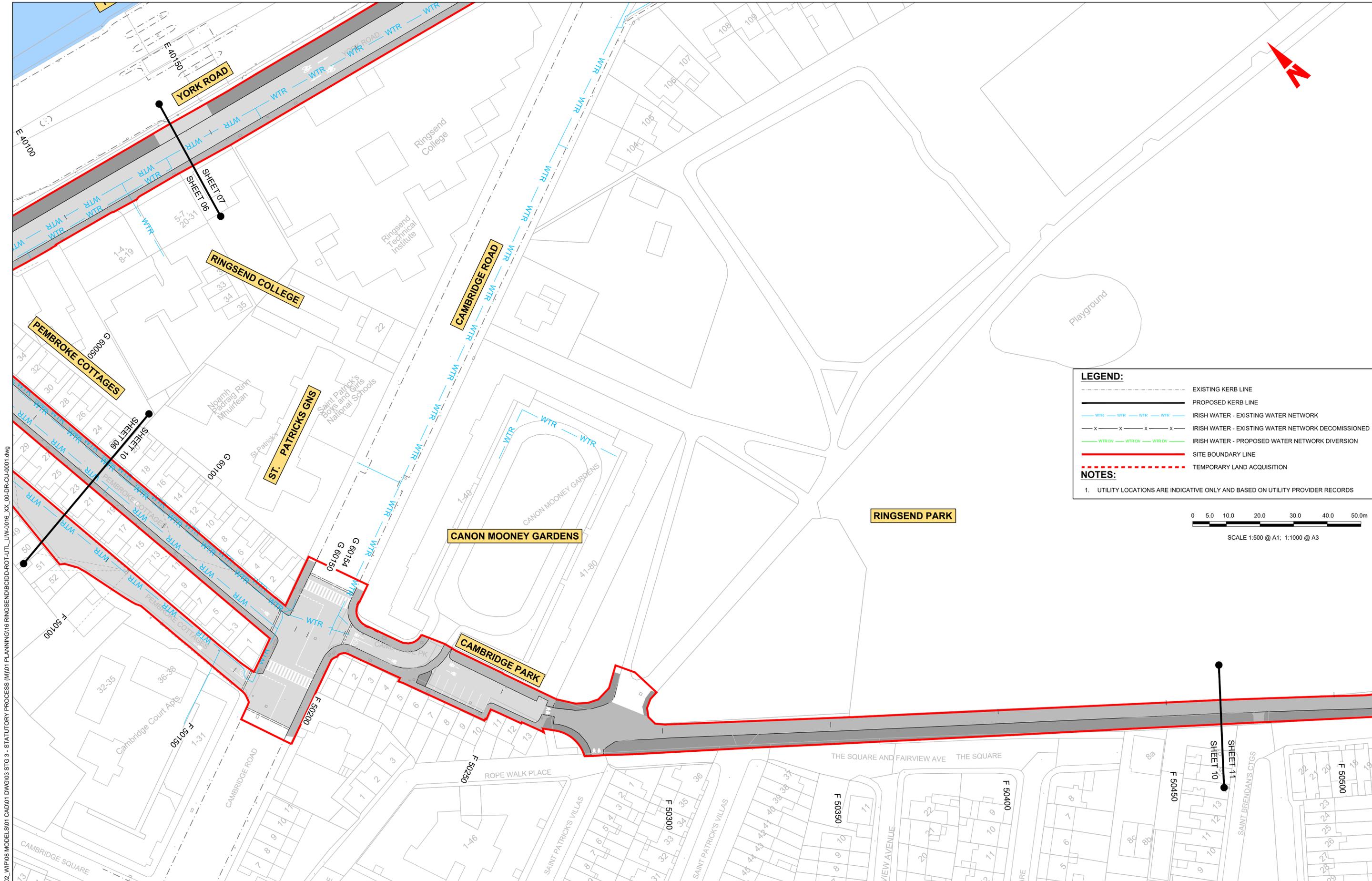
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		Rev	Date	Drn	Chk'd	App'd	Description										
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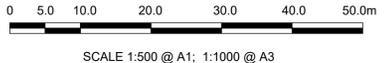


LEGEND:

- EXISTING KERB LINE
- PROPOSED KERB LINE
- IRISH WATER - EXISTING WATER NETWORK
- IRISH WATER - EXISTING WATER NETWORK DECOMMISSIONED
- IRISH WATER - PROPOSED WATER NETWORK DIVERSION
- SITE BOUNDARY LINE
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Rev	Date	Drn	Chk'd	App'd	Description
M01	MAR 2023	DS	EOC	SMG	ISSUE 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: DS
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 IW WATER ASSET ALTERATIONS			
Drawing File Name: BCIDD-ROT-UTL_UW-0016_XX_00-DR-CU-0010	Sheet Number: 10 of 12	Status: A	Rev: M01

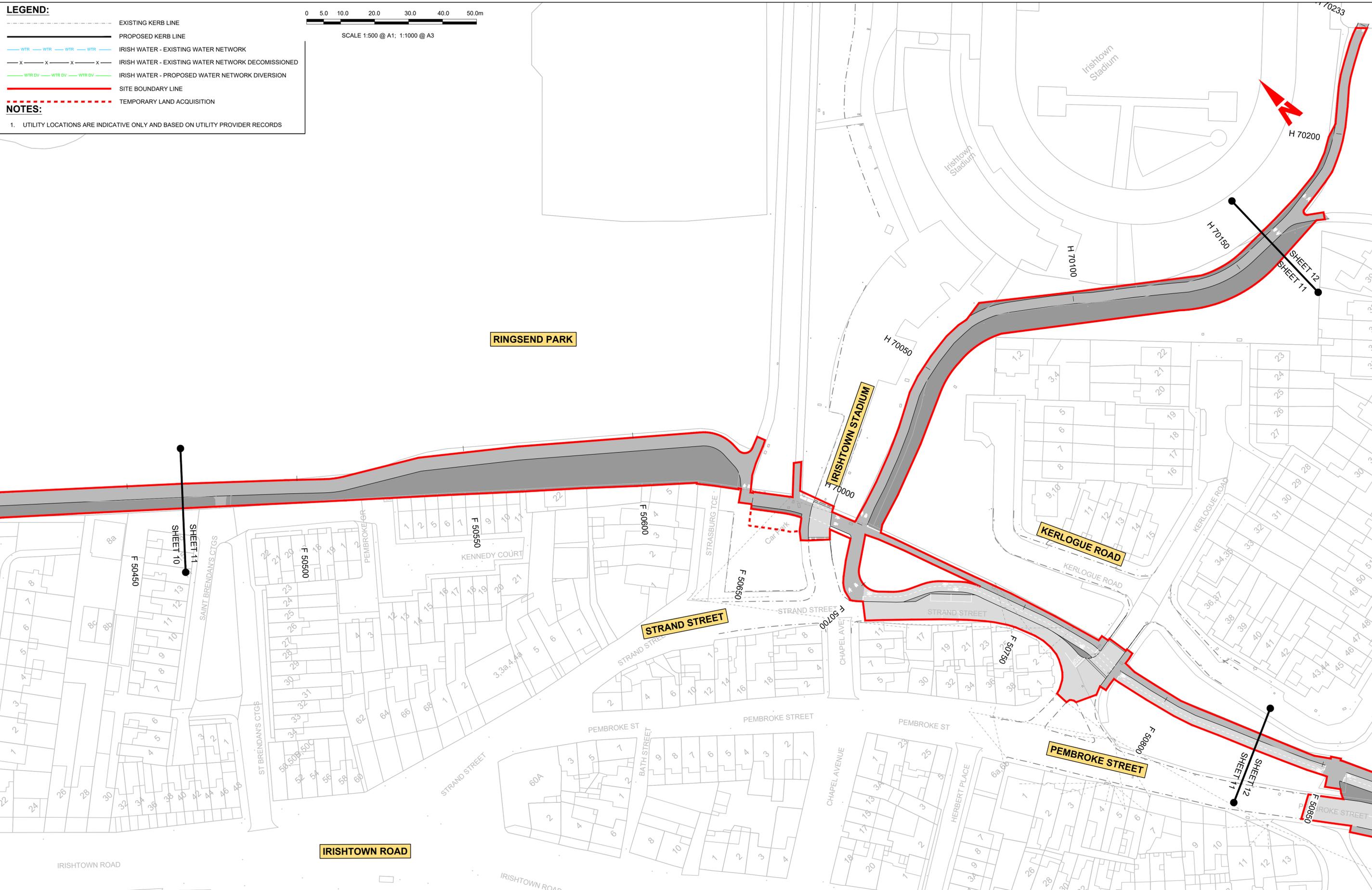
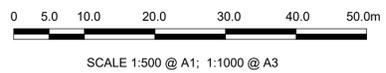
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LEGEND:

- EXISTING KERB LINE
- PROPOSED KERB LINE
- WTR — WTR — WTR — WTR — IRISH WATER - EXISTING WATER NETWORK
- x — x — x — x — IRISH WATER - EXISTING WATER NETWORK DECOMMISSIONED
- WTR DV — WTR DV — WTR DV — IRISH WATER - PROPOSED WATER NETWORK DIVERSION
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M01	MAR 2023	DS	EOC	SMG	ISSUE 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

Programme Code: BCIDD
Originator Code: ROT

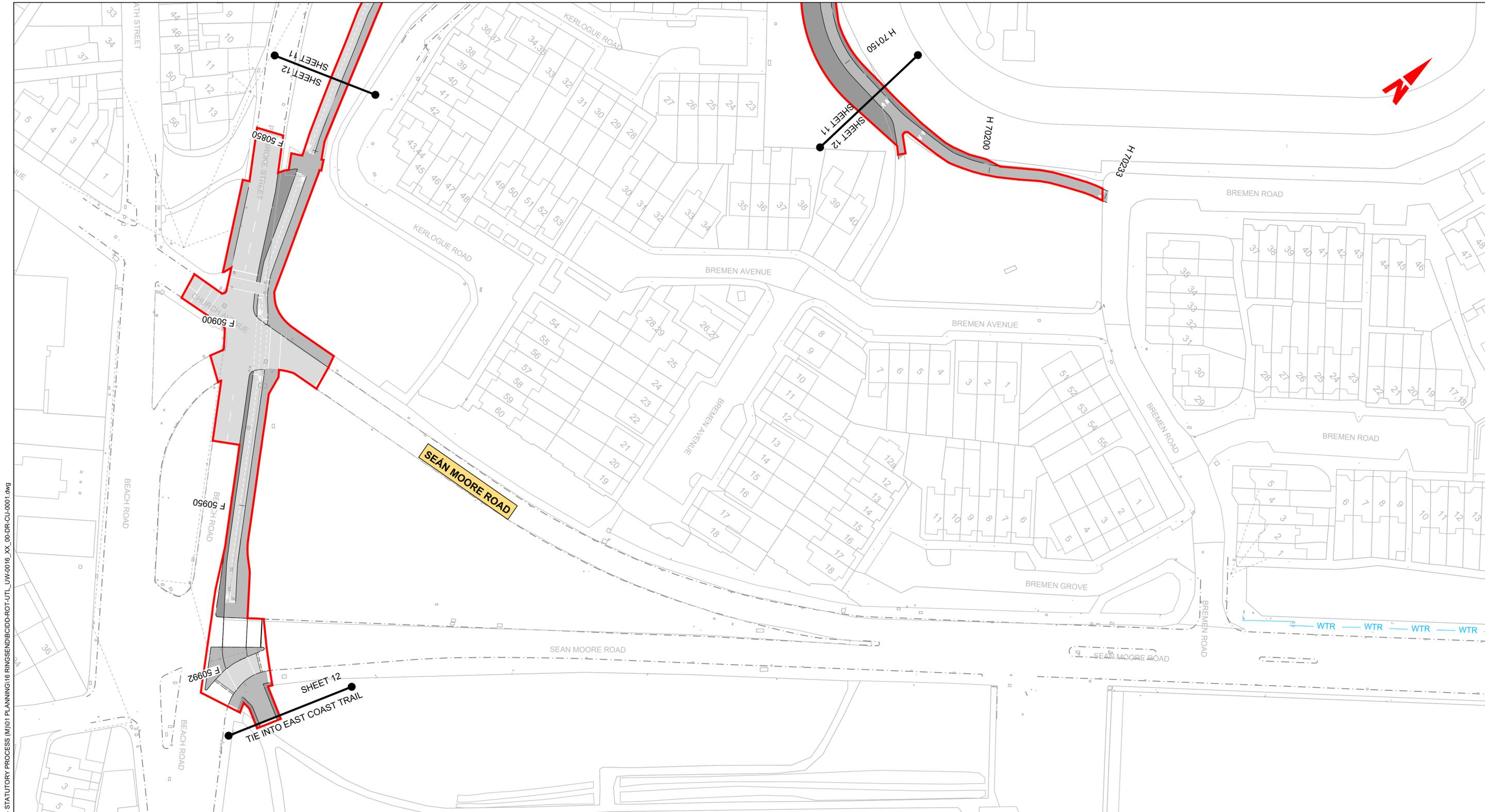
Drawn: DS
Checked: EOC
Approved: SMG

QMS Code

Programme Title: BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title: RINGSEND TO CITY CENTRE CORE BUS CORRIDOR SCHEME IW WATER ASSET ALTERATIONS			
Drawing File Name: BCIDD-ROT-UTL_UW-0016_XX_00-DR-CU-0011	Sheet Number: 11 of 12	Status: A	Rev: M01

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\\vodubp1u2019191717117-02_WIP08 MODELS01 CAD01 DWG003 STG 3 - STATUTORY PROCESS (M)01 PLANNING16 RINGSENDICDD-ROT-UTL_UW-0016_XX_00-DR-CU-0001.dwg

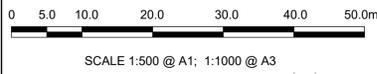


LEGEND:

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Date	Scale	Drawn	Checked	Approved
MAR 2023	1:500 @ A1 1:1000 @ A3	DS	EOC	SMG
Programme Code	Originator Code	QMS Code		
BCIDD	ROT			

Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title RINGSEND TO CITY CENTRE CORE BUS CORRIDOR SCHEME IW WATER ASSET ALTERATIONS			
Drawing File Name	Sheet Number	Status	Rev
BCIDD-ROT-UTL_UW-0016_XX_00-DR-CU-0012	12 of 12	A	M01

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