

**Appendix B3**  
Mainline Plan and Profile



# BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS

## RINGSEND TO CITY CENTRE CORE BUS CORRIDOR SCHEME

### MAINLINE PLAN & PROFILE

#### DRAWING SERIES NUMBER(S)

BCIDD-ROT-GEO\_IX-0016\_ML\_00-DR-CR-0001  
 BCIDD-ROT-GEO\_KP-0016\_ML\_00-DR-CR-0001  
 BCIDD-ROT-GEO\_HV-0016\_ML\_00-DR-CR-0001 to 0009

#### DRAWING SERIES DESCRIPTION

RINGSEND TO CITY CENTRE CORE BUS CORRIDOR SCHEME. MAIN LINE PLAN & PROFILES. COVER SHEET  
 RINGSEND TO CITY CENTRE CORE BUS CORRIDOR SCHEME. MAIN LINE PLAN & PROFILES. KEY PLAN  
 RINGSEND TO CITY CENTRE CORE BUS CORRIDOR SCHEME. MAIN LINE PLAN & PROFILES.

\\rodubp1\U201919\17\117-02\_WIP\08 MODELS\01 CAD\01 DWG\03 STG 3 - STATUTORY PROCESS (M)\01 PLANNING\16 RINGSEND\Cover\_Sheets\BCIDD-ROT-GEO\_IX-0016\_ML\_00-DR-CR-0001.dwg

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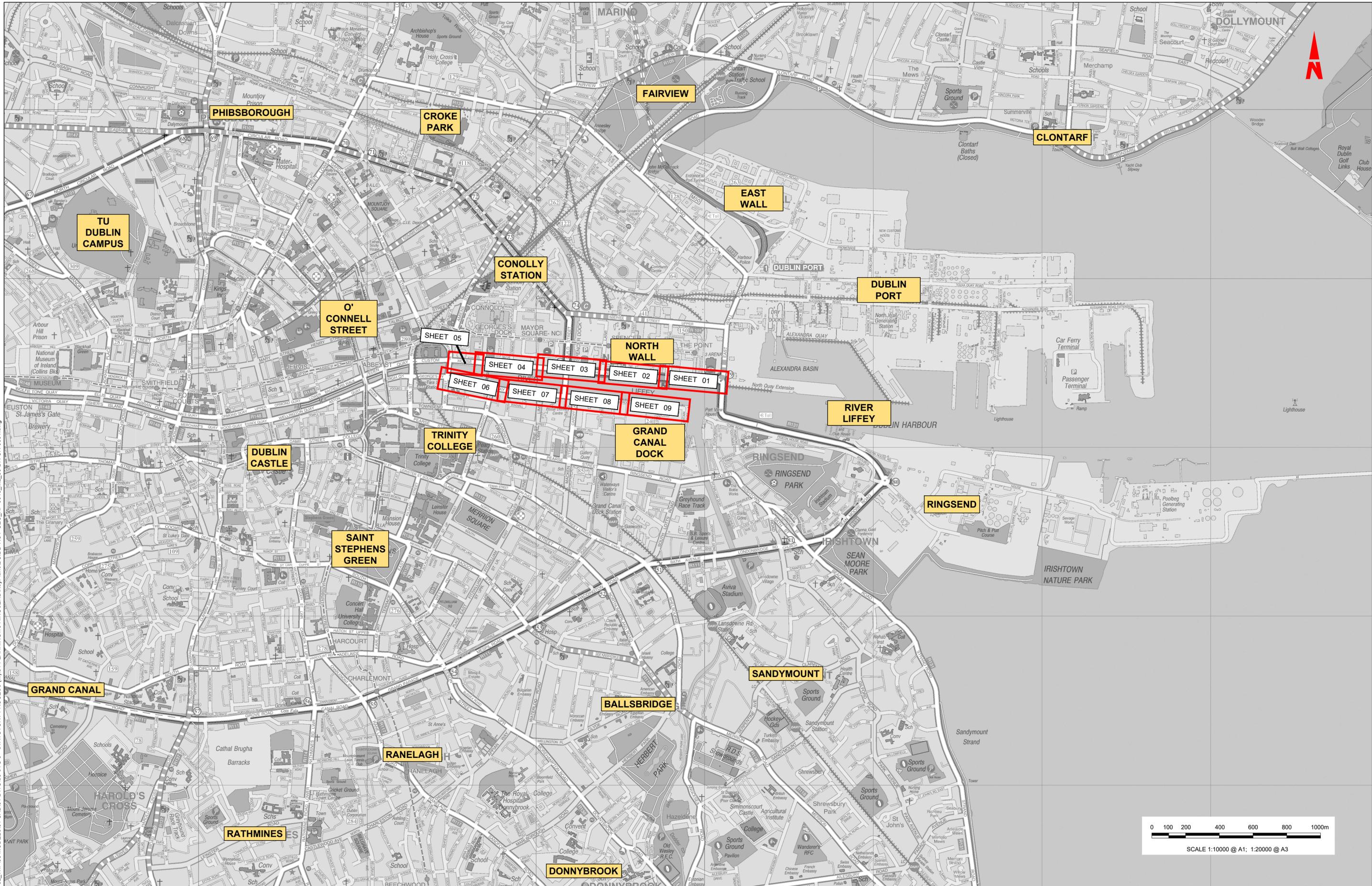


Rev	Date	Drn	Chk'd	App'd	Description
M01	MAR 2023	CG	EOC	SMG	ISSUE FOR PHASE 4: PLANNING

Client <b>NTA</b> Údarás Náisiúnta Iompair National Transport Authority		Engineering Designer <b>ROD</b> TYP SA RUGHAN & O'DONOVAN		
Date MAR 2023	Scale NTS @ A1 NTS @ A3	Drawn CG	Checked EOC	Approved SMG
Programme Code BCIDD	Originator Code ROT	QMS Code		

Programme Title <b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>				
Drawing Title RINGSEND TO CITY CENTRE CORE BUS CORRIDOR SCHEME MAIN LINE PLAN & PROFILES COVER SHEET				
Drawing File Name BCIDD-ROT-GEO_IX-0016_ML_00-DR-CR-0001	Sheet Number 01 of 01	Status A	Rev M01	

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W:\000000\19171171-02\_WIP08 MODELS\01 CAD\01 PLANNING\16 RINGSEND\KeyPlans\BCIDD-ROT-GEO\_KP-0016\_ML\_00-DR-CR-0001.dwg  
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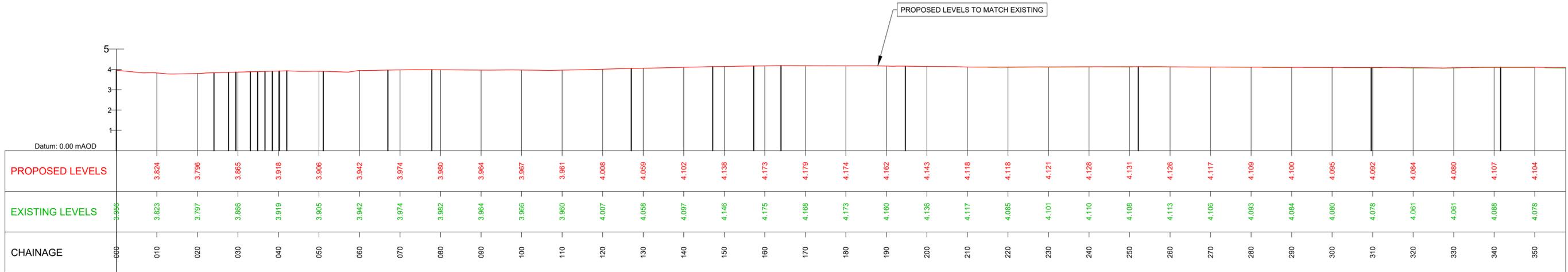
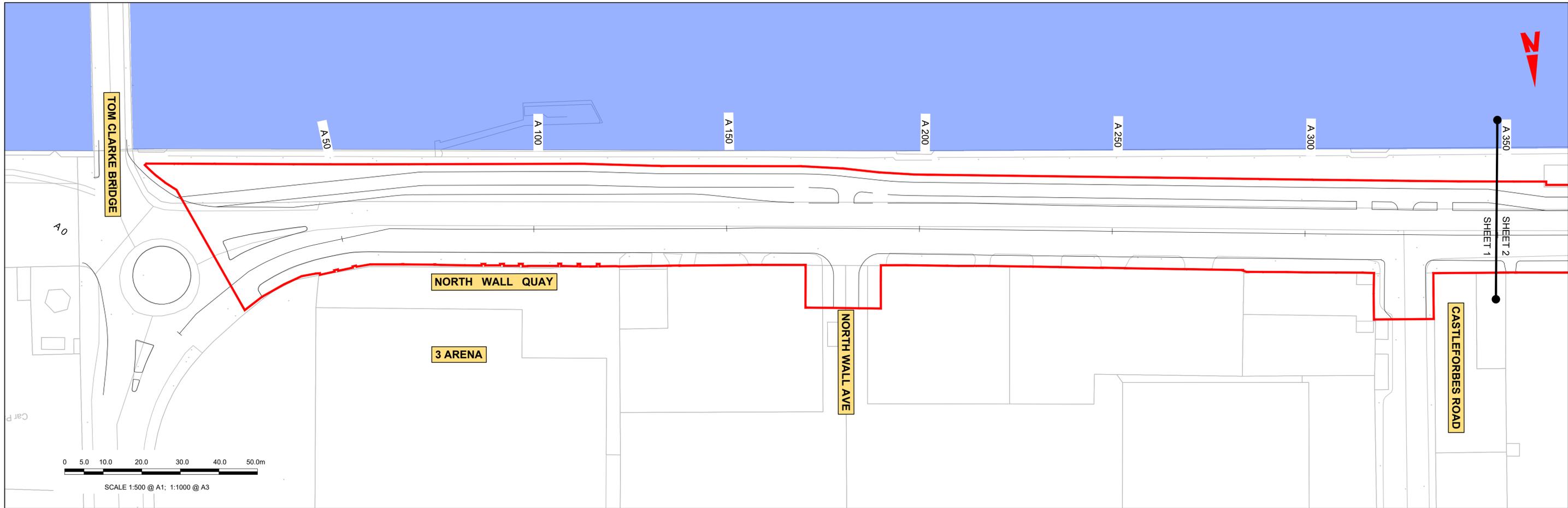


Rev	Date	Drn	Chk'd	App'd	Description
M01	MAR 2023	CG	EOC	SMG	ISSUE FOR PHASE 4: PLANNING

Client		Engineering Designer		
 Údarás Náisiúnta Iompair National Transport Authority		 CIROD TYPSA		
Date	Scale	Drawn	Checked	Approved
MAR 2023	1:10,000 @ A1 1:20,000 @ A3	CG	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 SCHEME CORE BUS CORRIDOR SCHEME MAINLINE PLAN AND PROFILES KEYPLAN			
Drawing File Name	Sheet Number	Status	Rev
BCIDD-ROT-GEO_KP-0016_ML_00-DR-CR-0002	02 of 01	A	M01

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**LEGEND:**

- PROPOSED GROUND PROFILE
- - - EXISTING GROUND PROFILE
- SITE BOUNDARY LINE
- - - - - TEMPORARY LAND ACQUISITION

J:\2019\19117-02\_WIPO8 MODELS\01 CAD\01 DWG\03 STG 3 - STATUTORY PROCESS (M)\01 PLANNING\16 RINGSEND\BCIDD-ROT-GEO\_HV-0016\_ML\_00-DR-CR-0001.dwg

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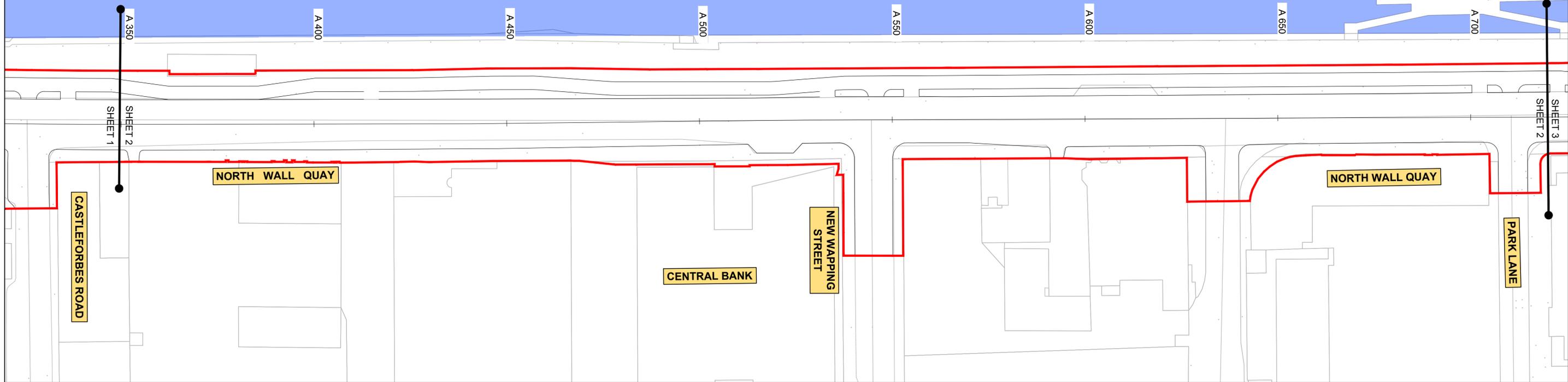
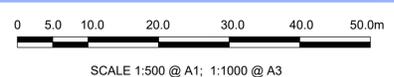
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M01	MAR 2023	CG	EOC	SMG	ISSUE FOR PHASE 4: PLANNING

 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 <b>BUSCONNECTS DUBLIN</b> <b>CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>			
Drawing Title RINGSEND TO CITY CENTRE CORE BUS CORRIDOR SCHEME MAINLINE PLAN AND PROFILE			
Drawing File Name	Sheet Number	Status	Rev
BCIDD-ROT-GEO_HV-0016_ML_00-DR-CR-0001	01 of 09	A	M01

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PROPOSED LEVELS TO MATCH EXISTING

CHAINAGE	EXISTING LEVELS	PROPOSED LEVELS
360	4.057	4.081
370	4.047	4.074
380	4.038	4.067
390	4.032	4.060
400	4.010	4.029
410	3.975	3.994
420	3.954	3.956
430	3.902	3.927
440	3.889	3.924
450	3.854	3.879
460	3.806	3.829
470	3.770	3.789
480	3.726	3.749
490	3.637	3.708
500	3.655	3.668
510	3.636	3.644
520	3.603	3.663
530	3.590	3.630
540	3.513	3.523
550	3.582	3.594
560	3.578	3.589
570	3.535	3.549
580	3.529	3.551
590	3.529	3.545
600	3.510	3.522
610	3.453	3.467
620	3.395	3.421
630	3.387	3.390
640	3.363	3.368
650	3.381	3.381
660	3.371	3.372
670	3.318	3.319
680	3.287	3.286
690	3.245	3.247
700	3.207	3.209
710	3.186	3.184
720	3.206	3.192

**LEGEND:**

- PROPOSED GROUND PROFILE
- - - EXISTING GROUND PROFILE
- SITE BOUNDARY LINE
- - - - - TEMPORARY LAND ACQUISITION

J:\2019\1911\19117-02\_WIP\08 MODELS\01 CAD\01 DWG\03 STG 3 - STATUTORY PROCESS (M)\01 PLANNING\16 RINGSEND\BCIDD-ROT-GEO\_HV-0016\_ML\_00-DR-CR-0001.dwg

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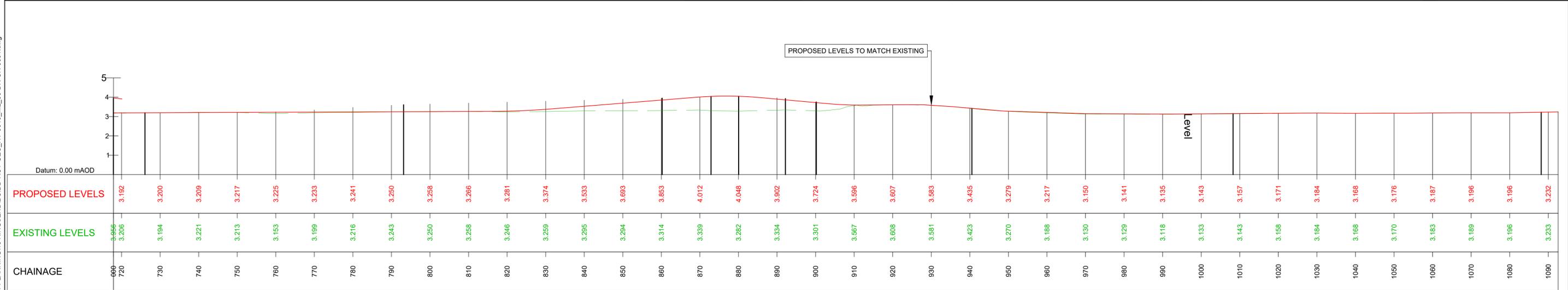
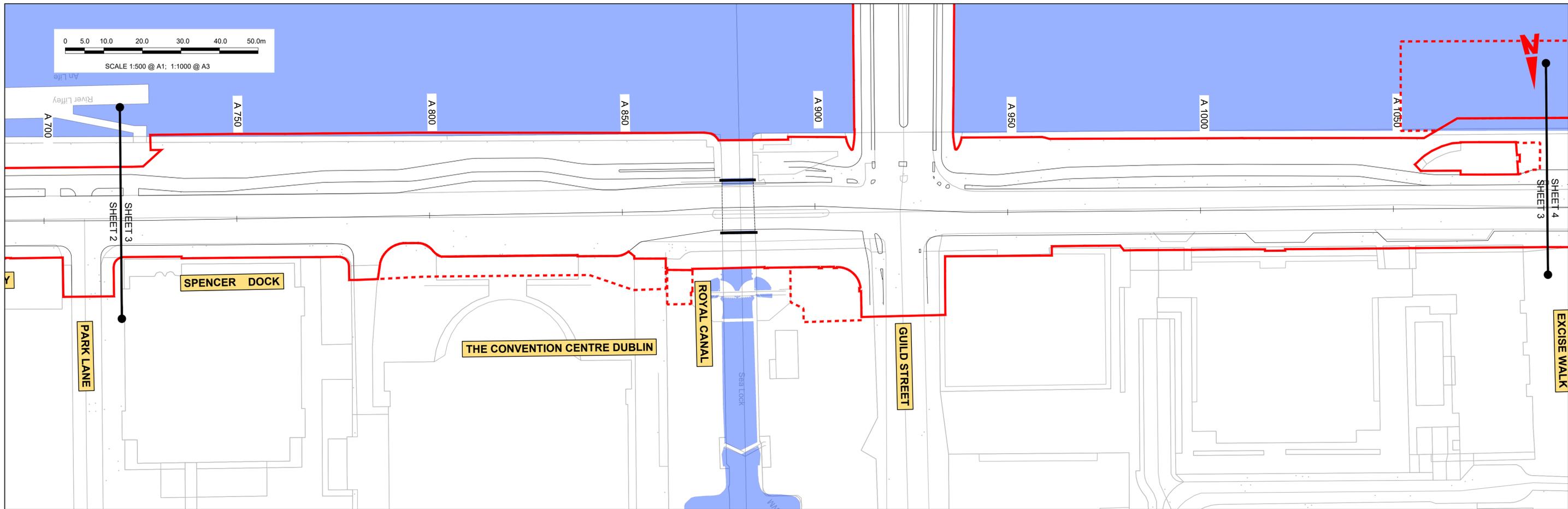


Rev	Date	Dwn	Chk'd	App'd	Description
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Date	Scale	Drawn	Checked	Approved
MAR 2023	1:500 @ A1 1:1,000 @ A3	CG	EOC	SMG
Programme Code	Originator Code	QMS Code		
BCIDD	ROT			

<b>Programme Title</b> BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
<b>Drawing Title</b> RINGSEND TO CITY CENTRE CORE BUS CORRIDOR SCHEME MAINLINE PLAN AND PROFILE			
Drawing File Name	Sheet Number	Status	Rev
BCIDD-ROT-GEO_HV-0016_ML_00-DR-CR-0002	02 of 09	A	M01

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GEO\_HV-0016\_ML\_00-M3-CR-0001-A01  
SCALE: H 1:500,V 1:100

**LEGEND:**

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- SITE BOUNDARY LINE
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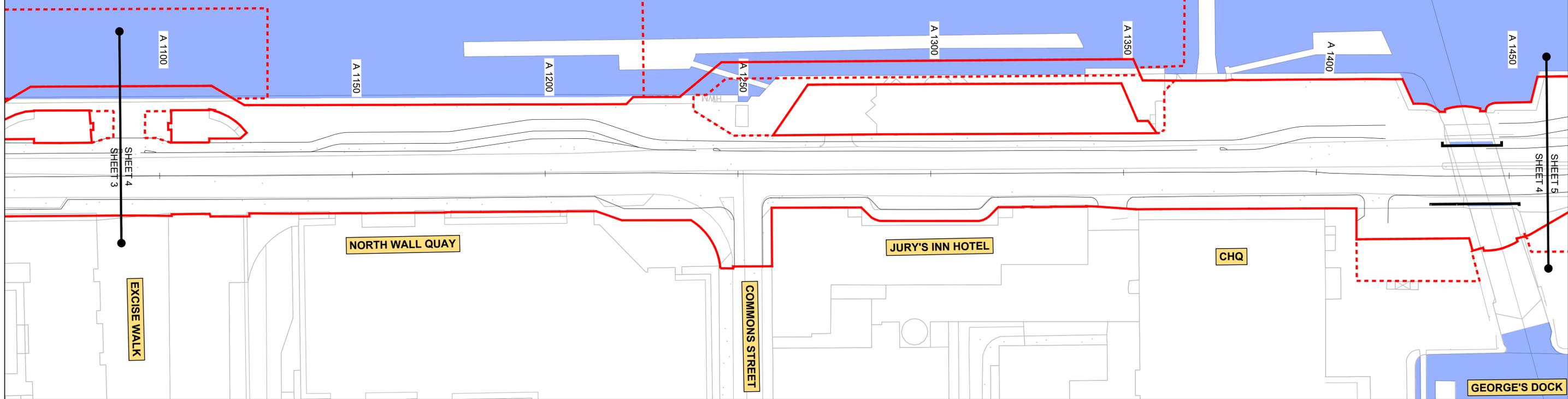
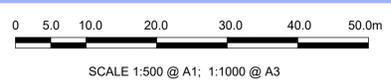
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Rev	Date	Drn	Chk'd	App'd	Description
M01	MAR 2023	CG	EOC	SMG	ISSUE FOR PHASE 4: PLANNING

<b>Client</b> Údarás Náisiúnta Iompair National Transport Authority		<b>Engineering Designer</b> 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			

<b>Programme Title</b> BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
<b>Drawing Title</b> RINGSEND TO CITY CENTRE CORE BUS CORRIDOR SCHEME MAINLINE PLAN AND PROFILE			
Drawing File Name	Sheet Number	Status	Rev
BCIDD-ROT-GEO_HV-0016_ML_00-DR-CR-0003	03 of 09	A	M01

J:\2019\19117117-02\_WIPO8 MODELS\01 CAD\01 DWG\03 STG 3 - STATUTORY PROCESS (M)\01 PLANNING\16 RINGSEND\BCIDD-ROT-GEO\_HV-0016\_ML\_00-DR-CR-0001.dwg



**LEGEND:**

- PROPOSED GROUND PROFILE
- - - EXISTING GROUND PROFILE
- = SITE BOUNDARY LINE
- - - - - TEMPORARY LAND ACQUISITION

J:\2019\19117-02\_WIPO8 MODELS\01 CAD\01 DWG\03 STG 3 - STATUTORY PROCESS (M)\01 PLANNING\16 RINGSEND\BCIDD-ROT-GEO\_HV-0016\_ML\_00-DR-CR-0001.dwg

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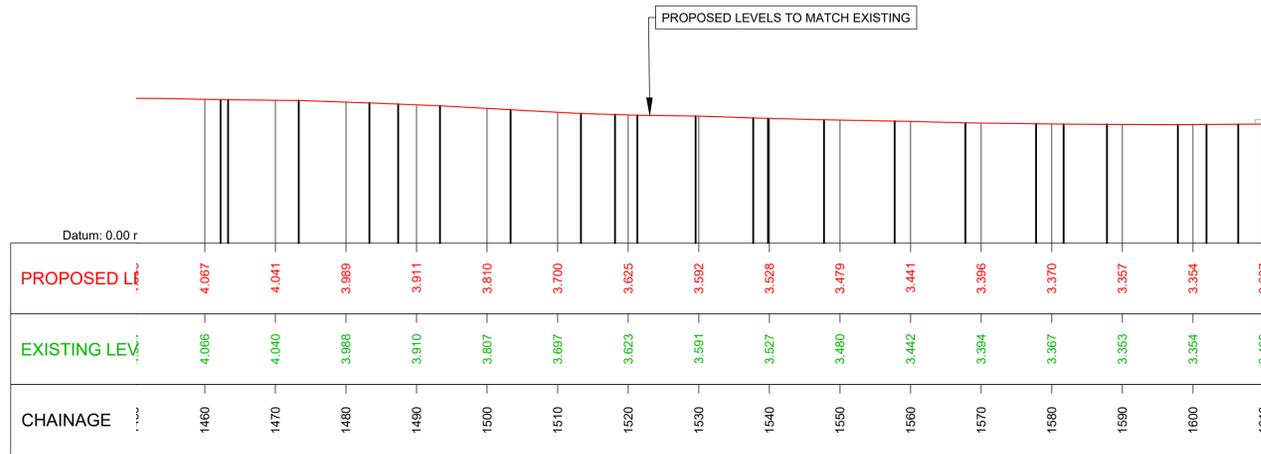
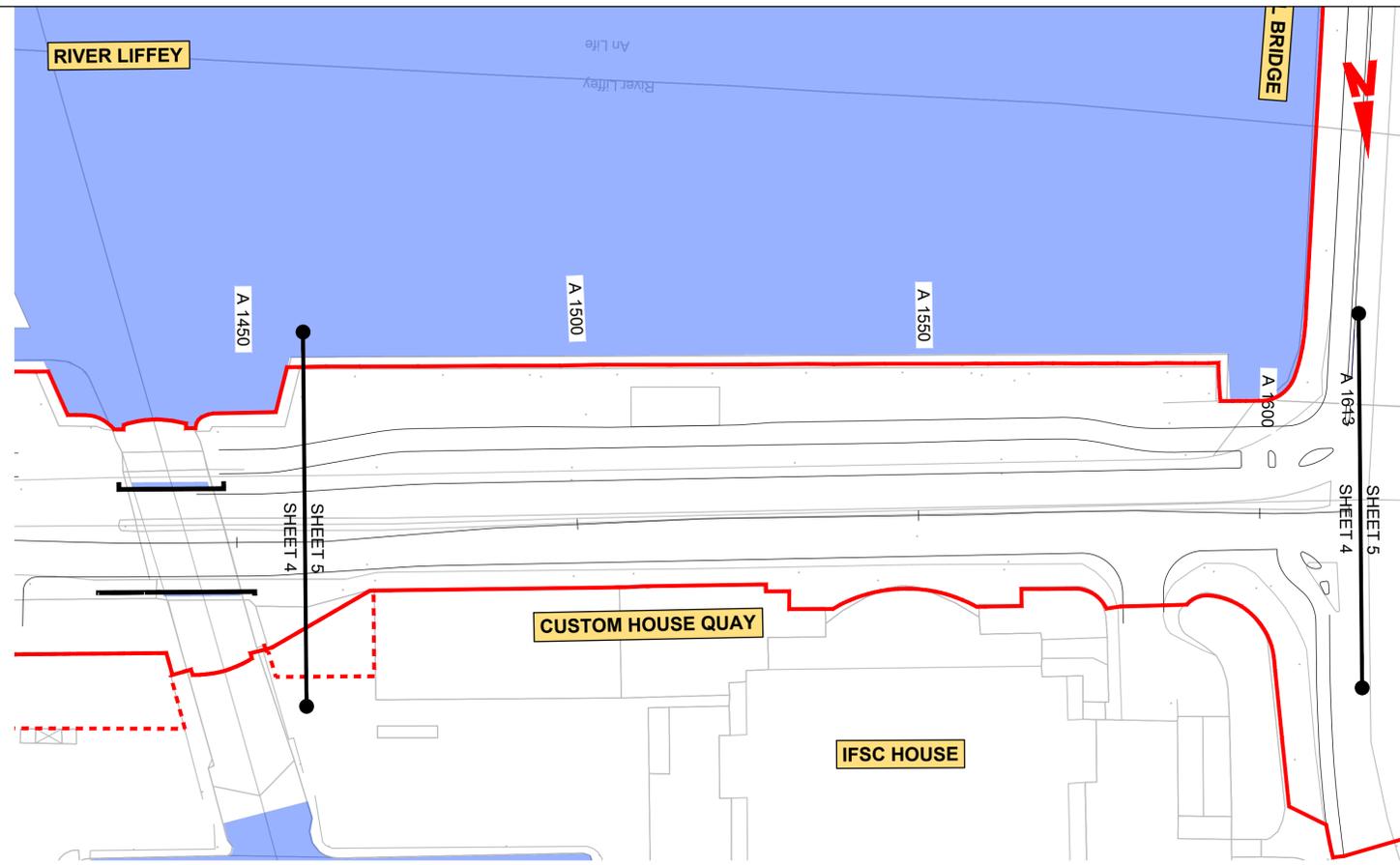
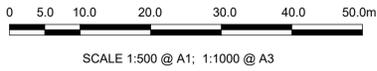
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		Engineering Designer 		
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MAR 2023	1:500 @ A1 1:1,000 @ A3	CG	EOC	SMG
Programme Code	Originator Code	QMS Code		
BCIDD	ROT			

Programme Title <b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>			
Drawing Title RINGSEND TO CITY CENTRE CORE BUS CORRIDOR SCHEME MAINLINE PLAN AND PROFILE			
Drawing File Name	Sheet Number	Status	Rev
BCIDD-ROT-GEO_HV-0016_ML_00-DR-CR-0004	04 of 09	A	M01



**LEGEND:**

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- SITE BOUNDARY LINE
- - - - - TEMPORARY LAND ACQUISITION

J:\2019\19117-02\_WIPO8 MODELS\01 CAD\01 DWG\03 STG 3 - STATUTORY PROCESS (M)\01 PLANNING\16 RINGSEND\BCIDD-ROT-GEO\_HV-0016\_ML\_00-DR-CR-0001.dwg

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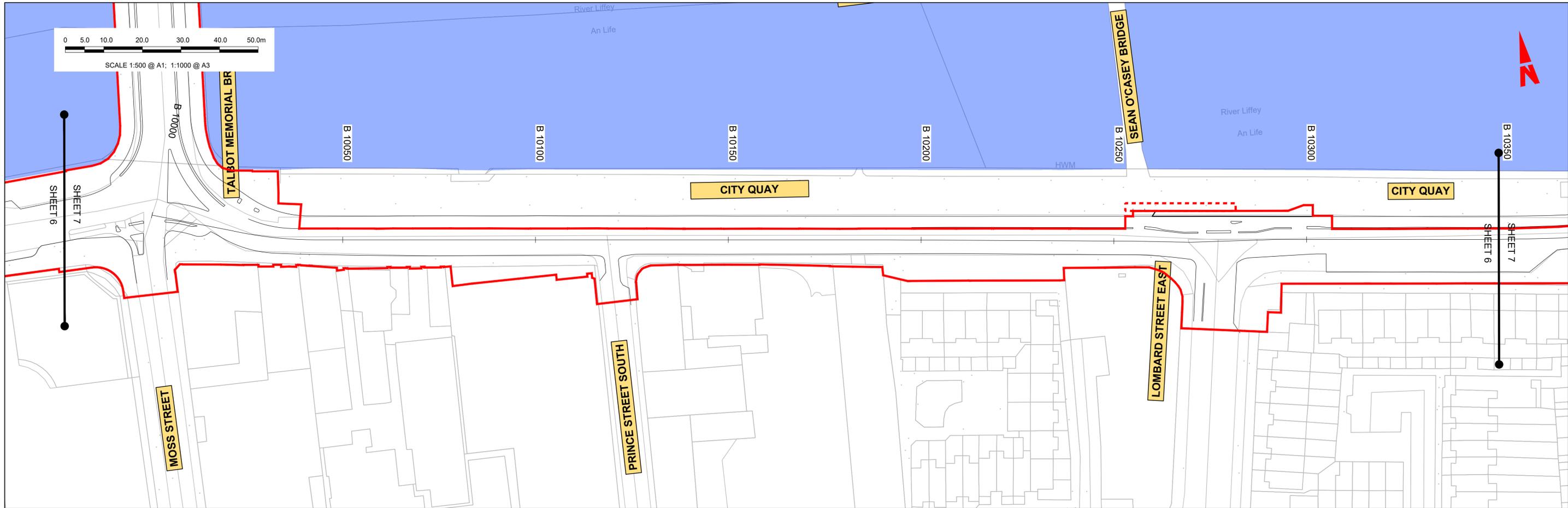
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Programme Code	Originator Code	QMS Code		
BCIDD	ROT			

Programme Title <b>BUSCONNECTS DUBLIN</b> <b>CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>			
Drawing Title RINGSEND TO CITY CENTRE CORE BUS CORRIDOR SCHEME MAINLINE PLAN AND PROFILE			
Drawing File Name	Sheet Number	Status	Rev
BCIDD-ROT-GEO_HV-0016_ML_00-DR-CR-0005	05 of 09	A	M01

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PROPOSED LEVELS TO MATCH EXISTING

CHAINAGE	PROPOSED LEVELS	EXISTING LEVELS
10000	3.067	3.067
10010	2.986	2.984
10020	2.913	2.892
10030	2.841	2.841
10040	2.851	2.876
10050	2.862	2.882
10060	2.872	2.872
10070	2.868	2.867
10080	2.864	2.867
10090	2.861	2.860
10100	2.875	2.852
10110	2.889	2.864
10120	2.903	2.903
10130	2.820	2.820
10140	2.823	2.819
10150	2.826	2.826
10160	2.801	2.815
10170	2.776	2.784
10180	2.750	2.750
10190	2.720	2.721
10200	2.697	2.690
10210	2.674	2.674
10220	2.674	2.672
10230	2.673	2.673
10240	2.676	2.676
10250	2.652	2.652
10260	2.633	2.632
10270	2.616	2.619
10280	2.708	2.708
10290	2.711	2.718
10300	2.719	2.726
10310	2.729	2.731
10320	2.739	2.739
10330	2.732	2.739
10340	2.725	2.726
10350	2.705	2.705

Datum: 0.00 mAOD

GEO\_HV-0016\_ML\_01-M3-CR-0001-A02  
SCALE: H 1:500,V 1:100

**LEGEND:**

- PROPOSED GROUND PROFILE
- - - EXISTING GROUND PROFILE
- SITE BOUNDARY LINE
- - - - - TEMPORARY LAND ACQUISITION

J:\2019\19117117-02\_WIPO8 MODELS\01 CAD\01 DWG\03 STG 3 - STATUTORY PROCESS (M)\01 PLANNING\16 RINGSEND\BCIDD-ROT-GEO\_HV-0016\_ML\_00-DR-CR-0001.dwg

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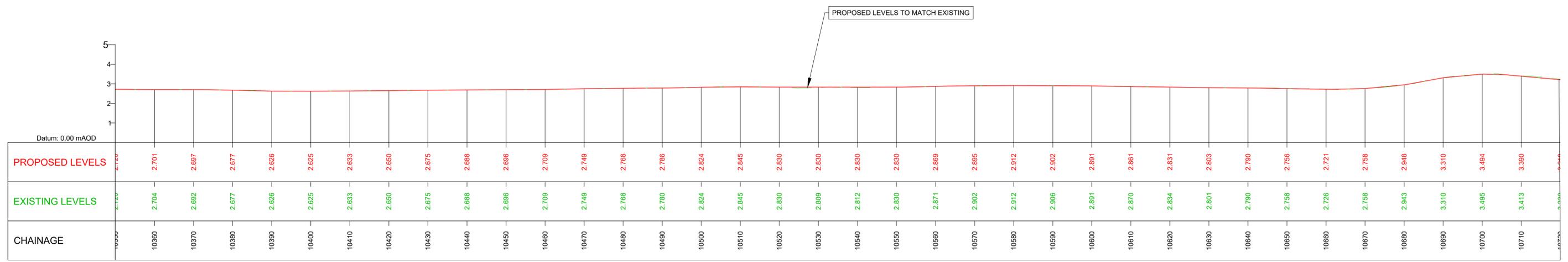
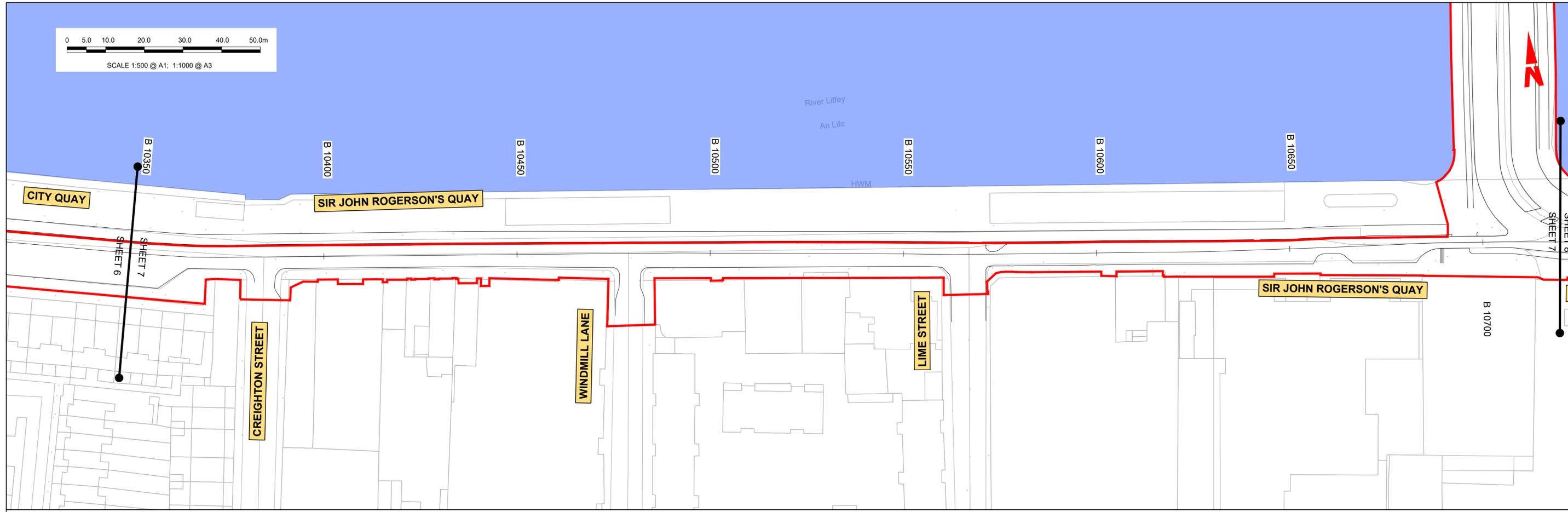
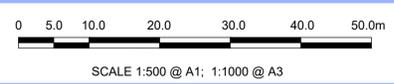
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Rev	Date	Drn	Chk'd	App'd	Description
M01	MAR 2023	CG	EOC	SMG	ISSUE FOR PHASE 4: PLANNING

<p>Údarás Náisiúnta Iompair National Transport Authority</p>		<p>Engineering Designer</p>		
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			

<p>Programme Title</p> <p style="text-align: center;"><b>BUSCONNECTS DUBLIN</b> <b>CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b></p>			
<p>Drawing Title</p> <p style="text-align: center;">RINGSEND TO CITY CENTRE CORE BUS CORRIDOR SCHEME MAINLINE PLAN AND PROFILE</p>			
Drawing File Name	Sheet Number	Status	Rev
BCIDD-ROT-GEO_HV-0016_ML_00-DR-CR-0006	06 of 09	A	M01

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GEO\_HV-0016\_ML\_01-M3-CR-0001-A02  
SCALE: H 1:500, V 1:100

**LEGEND:**

- PROPOSED GROUND PROFILE
- - - EXISTING GROUND PROFILE
- SITE BOUNDARY LINE
- - - - - TEMPORARY LAND ACQUISITION

J:\2019\19117-02\_WIPO8 MODELS\01 CAD\01 DWG\03 STG 3 - STATUTORY PROCESS (M)\01 PLANNING\16 RINGSEND\BCIDD-ROT-GEO\_HV-0016\_ML\_00-DR-CR-0001.dwg

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Rev	Date	Drn	Chk'd	App'd	Description
M01	MAR 2023	CG	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, 1:1,000 @ A3

Drawn: CG, Checked: EOC, Approved: SMG

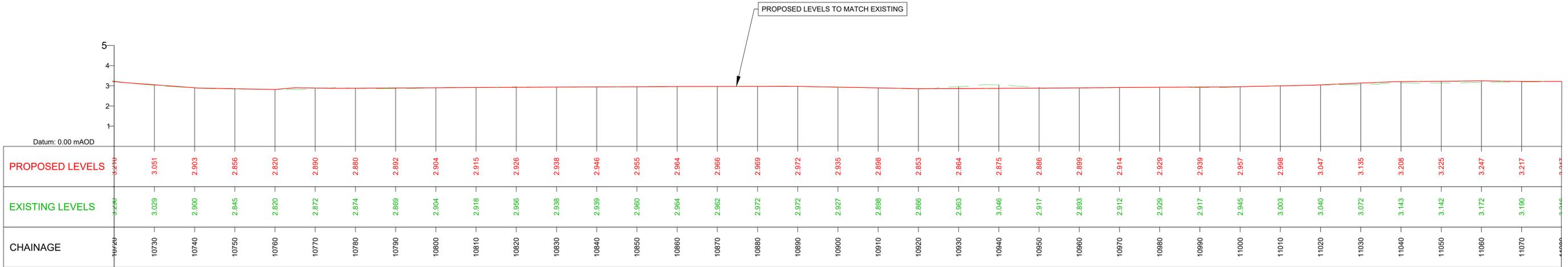
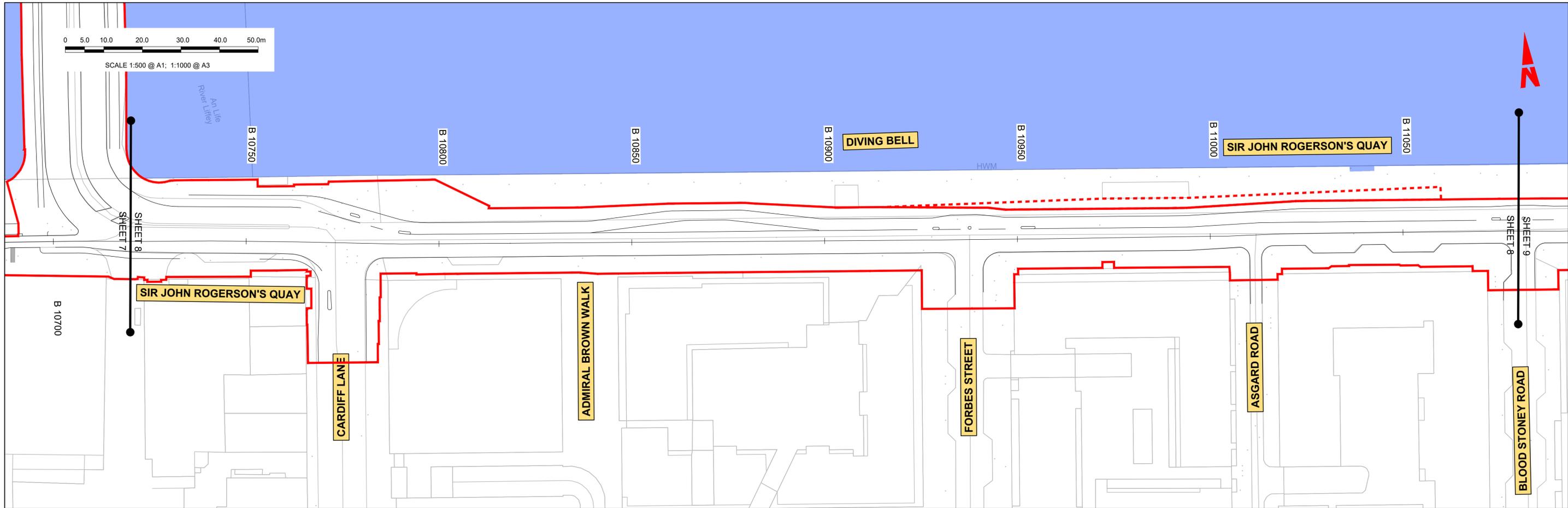
Programme Code: BCIDD, Originator Code: ROT, QMS Code:

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

Drawing Title: RINGSEND TO CITY CENTRE CORE BUS CORRIDOR SCHEME MAINLINE PLAN AND PROFILE

Drawing File Name: BCIDD-ROT-GEO\_HV-0016\_ML\_00-DR-CR-0007, Sheet Number: 07 of 09, Status: A, Rev: M01

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SCALE: H 1:500,V 1:100

**LEGEND:**

- PROPOSED GROUND PROFILE
- - - EXISTING GROUND PROFILE
- SITE BOUNDARY LINE
- - - - - TEMPORARY LAND ACQUISITION

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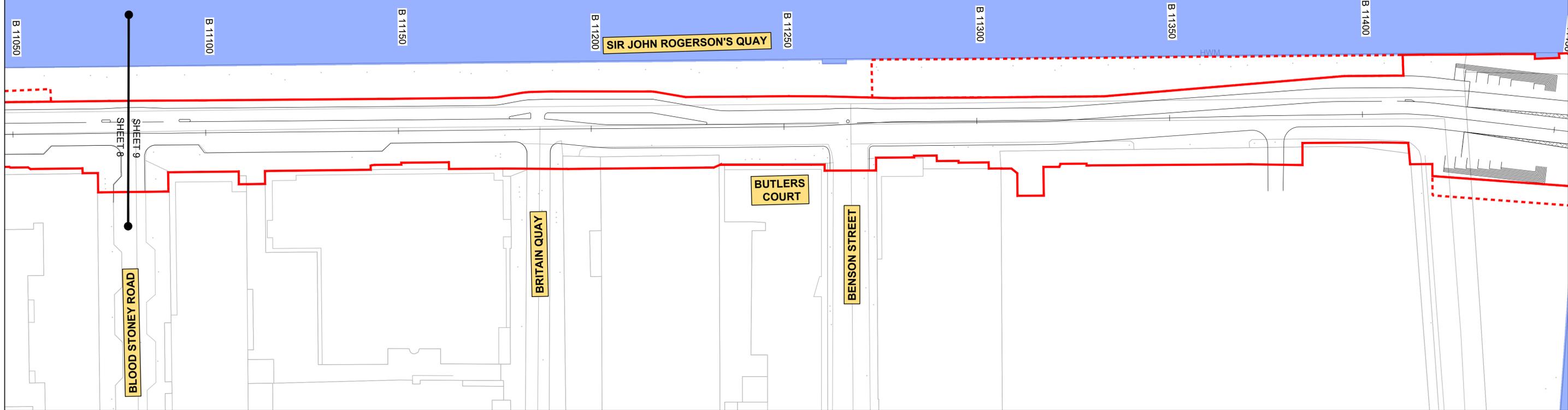
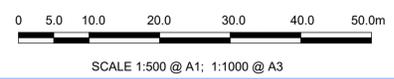
Rev	Date	Dwn	Chk'd	App'd	Description
M01	MAR 2023	CG	EOC	SMG	ISSUE FOR PHASE 4: PLANNING

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			

<b>Programme Title</b> <b>BUSCONNECTS DUBLIN</b> <b>CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>			
<b>Drawing Title</b> RINGSEND TO CITY CENTRE CORE BUS CORRIDOR SCHEME MAINLINE PLAN AND PROFILE			
Drawing File Name	Sheet Number	Status	Rev
BCIDD-ROT-GEO_HV-0016_ML_00-DR-CR-0008	08 of 09	A	M01

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GEO\_HV-0016\_ML\_01-M3-CR-0001-A02  
SCALE: H 1:500, V 1:100

**LEGEND:**

- PROPOSED GROUND PROFILE
- - - EXISTING GROUND PROFILE
- SITE BOUNDARY LINE
- - - - - TEMPORARY LAND ACQUISITION

J:\2019\19117-02\_WIP\08 MODELS\01 CAD\01 DWG\03 STG 3 - STATUTORY PROCESS (M)\01 PLANNING\16 RINGSEND\BCIDD-ROT-GEO\_HV-0016\_ML\_00-DR-CR-0001.dwg

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	M01	MAR 2023	CG	EOC	SMG	ISSUE FOR PHASE 4: PLANNING

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			

<b>Programme Title</b> BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
<b>Drawing Title</b> RINGSEND TO CITY CENTRE CORE BUS CORRIDOR SCHEME MAINLINE PLAN AND PROFILE			
Drawing File Name	Sheet Number	Status	Rev
BCIDD-ROT-GEO_HV-0016_ML_00-DR-CR-0009	09 of 09	A	M01

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