

# CABLE WAYS PLANS

## DRAWING NUMBER

- C745-WP3\_03-XX-XX-XXX-DR-MMD-PR-1000
- C745-WP3\_03-XX-XX-XXX-DR-MMD-EE-0001
- C745-WP3\_03-XX-XX-XXX-DR-MMD-EE-0002
- C745-WP3\_03-XX-XX-XXX-DR-MMD-EE-0003
- C745-WP3\_03-XX-XX-XXX-DR-MMD-EE-0004
- C745-WP3\_03-XX-XX-XXX-DR-MMD-EE-0005
- C745-WP3\_03-XX-XX-XXX-DR-MMD-EE-0006
- C745-WP3\_03-XX-XX-XXX-DR-MMD-EE-0007
- C745-WP3\_03-XX-XX-XXX-DR-MMD-EE-0008
- C745-WP3\_03-XX-XX-XXX-DR-MMD-EE-0009
- C745-WP3\_03-XX-XX-XXX-DR-MMD-EE-0010
- C745-WP3\_03-XX-XX-XXX-DR-MMD-EE-0011
- C745-WP3\_03-XX-XX-XXX-DR-MMD-EE-0012
- C745-WP3\_03-XX-XX-XXX-DR-MMD-EE-0013
- C745-WP3\_03-XX-XX-XXX-DR-MMD-EE-0014
- C745-WP3\_03-XX-XX-XXX-DR-MMD-EE-0015
- C745-WP3\_03-XX-XX-XXX-DR-MMD-EE-0016
- C745-WP3\_03-XX-XX-XXX-DR-MMD-EE-0017
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- C745-WP3\_03-XX-XX-XXX-DR-MMD-EE-0024
- C745-WP3\_03-XX-XX-XXX-DR-MMD-EE-0025
- C745-WP3\_03-XX-XX-XXX-DR-MMD-EE-0026
- C745-WP3\_03-XX-XX-XXX-DR-MMD-EE-0027
- C745-WP3\_03-XX-XX-XXX-DR-MMD-EE-0028

## DRAWING TITLE

- CABLE WAYS. TITLE SHEET AND KEY PLAN
- CABLE WAYS LAYOUT. CH290 TO CH650
- CABLE WAYS LAYOUT. CH650 TO CH1030
- CABLE WAYS LAYOUT. CH1030 TO CH1400
- CABLE WAYS LAYOUT. CH1400 TO CH1780
- CABLE WAYS LAYOUT. CH1780 TO CH2150
- CABLE WAYS LAYOUT. CH2150 TO CH2520
- CABLE WAYS LAYOUT. CH2520 TO CH2900
- CABLE WAYS LAYOUT. CH2900 TO CH3280
- CABLE WAYS LAYOUT. CH3280 TO CH3660
- CABLE WAYS LAYOUT. CH3660 TO CH4040
- CABLE WAYS LAYOUT. CH4040 TO CH4410
- CABLE WAYS LAYOUT. CH4410 TO CH4790
- CABLE WAYS LAYOUT. CH4790 TO CH5170
- CABLE WAYS LAYOUT. CH5170 TO CH5550
- CABLE WAYS LAYOUT. CH5550 TO CH5930
- CABLE WAYS LAYOUT. CH5930 TO CH6310
- CABLE WAYS LAYOUT. CH6310 TO CH6690
- CABLE WAYS LAYOUT. CH6690 TO CH7070
- CABLE WAYS LAYOUT. CH7070 TO CH7450
- CABLE WAYS LAYOUT. CH7450 TO CH7830
- CABLE WAYS LAYOUT. CH7830 TO CH8210
- CABLE WAYS LAYOUT. CH8210 TO CH8600
- CABLE WAYS LAYOUT. CH8600 TO CH8980
- CABLE WAYS LAYOUT. CH8980 TO CH9350
- CABLE WAYS LAYOUT. CH9350 TO CH9740
- CABLE WAYS LAYOUT. CH9740 TO CH10110
- CABLE WAYS LAYOUT. CH10110 TO CH10470
- CABLE WAYS LAYOUT. CH10470 TO CH10640





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Tionscadal Éireann  
Project Ireland  
**2040**



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National Transport Authority



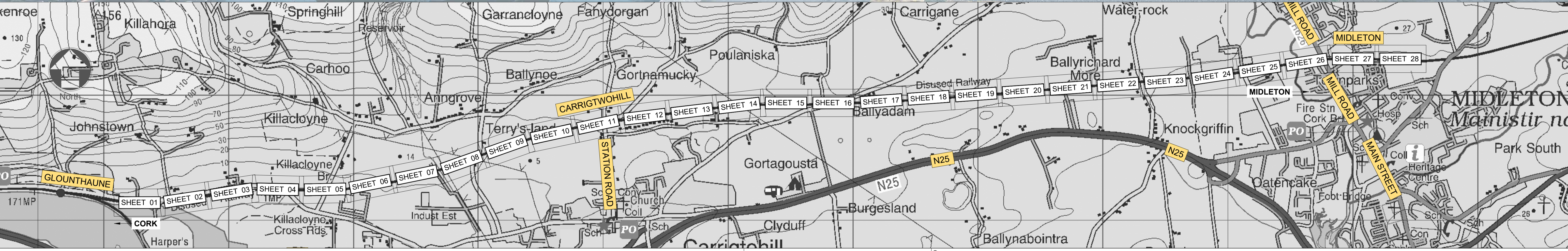
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**Iarnród Éireann**  
Irish Rail



**CIE**



# GLOUNTHAUNE - MIDLETON TWIN TRACK PROJECT

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Client Iarnród Éireann-Irish Rail Connolly Station Amiens Street Dublin 1 D01 V8V6		Project Title CORK AREA COMMUTER RAIL GLOUNTHAUNE - MIDLETON TWIN TRACK	
 		Drawing Title CABLE WAYS PLANS TITLE SHEET AND KEY PLAN	
MOTT MACDONALD 5 Eastgate Avenue Eastgate Little Island Cork Ireland T +353 (0) 21 4809800 F +353 (0) 21 4809801 W www.mottmac.com		Drawing File Name C745-WP3_03-XX-XX-XXX-DR-MMD-EE-1000 Coordination N.SAMACHETTY	
Date 23/09/22		Sheet 1 of 1	
Designed I.Mangourab		Scale @A1: NTS Scale @A3: NTS	
Drawn R.O'CONNOR		Acceptance S	
Eng Check G.BERCOT		Purpose P1	
Eng check N.SAMACHETTY		Rev P01	

DO NOT SCALE USE FIGURED DIMENSIONS ONLY



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**CABLE WAYS LEGEND**

- EXISTING CABLE TROUGH TO BE RETAINED
- EXISTING CABLE TROUGH TO BE REMOVED
- PROPOSED CABLE TROUGH
- EXISTING CABLE DUCTS TO BE RETAINED
- EXISTING CABLE DUCTS TO BE REMOVED
- PROPOSED CABLE DUCTS
- EXISTING CABLE CHAMBERS TO BE RETAINED
- EXISTING CABLE CHAMBERS TO BE REMOVED
- PROPOSED CABLE CHAMBERS
- PROPOSED SIGNALLING AND OCS ZONE
- RUNNING LINES
- EXISTING TRACK SLUED OR MODIFIED
- SIDINGS
- PROPOSED TRACKWORK
- TRACKWORK TO BE REMOVED
- DEVELOPMENT BOUNDARY
- CIE LAND OWNERSHIP

**STRUCTURES LEGEND**

- EXISTING OVERBRIDGE
- OVERBRIDGE TO BE DEMOLISHED
- EXISTING UNDERBRIDGE
- UNDERBRIDGE TO BE EXTENDED/WIDENED

Rev	Date	Drawn	Eng Check	Appr	Description
P01	10/06/22	IM	JM	JM	Preliminary Design for Public Consultation
P02	23/09/22	RO	NS	--	PHASE 3: PRELIMINARY DESIGN

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

Date	Designed	Drawn	Dwg check	Eng check
23/09/22	I.MANGOUROV	R.OCONNOR	G.BERCOT	N.SAMACHETTY

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**Client:** Iarnród Éireann-Irish Rail, Connolly Station, Amiens Street, Dublin 1, D01 V6V6

**Project Title:** CORK AREA COMMUTER RAIL, GLOUNTHAUNE - MIDLETON TWIN TRACK

**Drawing Title:** CABLE WAYS LAYOUT, CH290 TO CH650

**Drawing File Name:** C745-WP3\_03-XX-XX-XXX-DR-MMD-EE-0001

**Sheet:** 01 of 28

Coordination	Approved	Scale @A1: 1:500	Acceptance	Purpose	Rev
--	--	Scale @A3: 1:1000	S	P1	P02

Sheet 01

Sheet 02



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- EXISTING CABLE TROUGH TO BE RETAINED
- EXISTING CABLE TROUGH TO BE REMOVED
- PROPOSED CABLE TROUGH
- EXISTING CABLE DUCTS TO BE RETAINED
- EXISTING CABLE DUCTS TO BE REMOVED
- PROPOSED CABLE DUCTS
- EXISTING CABLE CHAMBERS TO BE RETAINED
- EXISTING CABLE CHAMBERS TO BE REMOVED
- PROPOSED CABLE CHAMBERS
- PROPOSED SIGNALLING AND OCS ZONE

**TRACK LEGEND**

- RUNNING LINES
- EXISTING TRACK SLUED OR MODIFIED
- SIDINGS
- PROPOSED TRACKWORK
- TRACKWORK TO BE REMOVED

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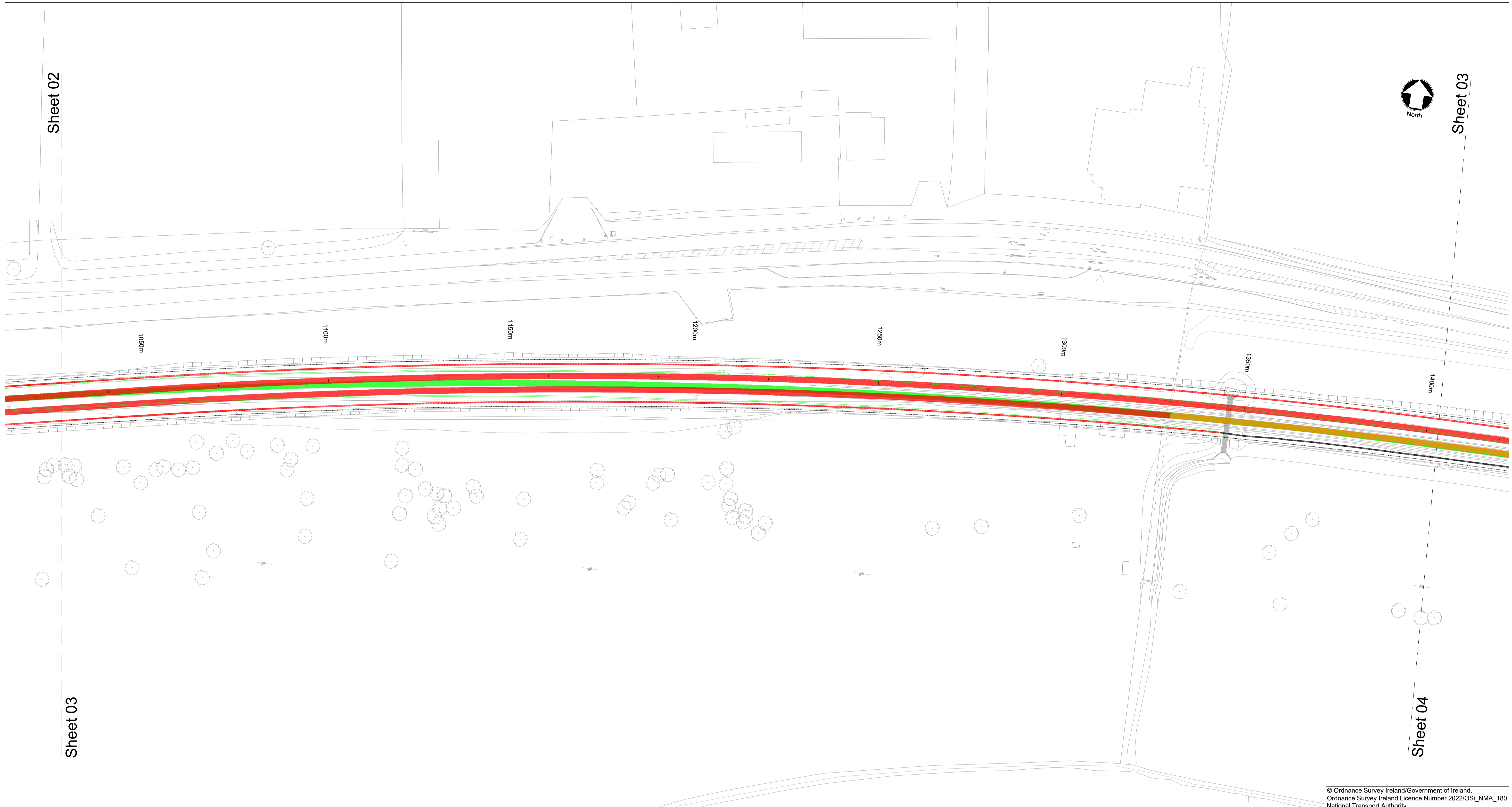
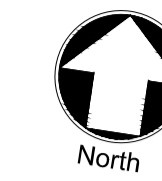
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W.I.P.

Project Title		CORK AREA COMMUTER RAIL GLOUNTHAUNE - MIDLETON TWIN TRACK	
Drawing Title		Glounthaune-Midleton Twin Track Cable Ways Layout	
Date	10/06/22	Designed	I.MANGOUROV
Rev		Drawn	I.MANGOUROV
		Dwg check	R.O'CONNOR
		Eng check	J.MCINERNEY
Drawing File Name		C745-WP3_03-XX-XX-XXX-DR-MMD-EE-0002	
Coordination	Approved	Scale @ A1	1:500
Acceptance	S	Purpose	P1
Rev	P01	Sheet	02 of 28

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Sheet 03



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**CABLE WAYS LEGEND**

- EXISTING CABLE TROUGH TO BE RETAINED
- EXISTING CABLE TROUGH TO BE REMOVED
- PROPOSED CABLE TROUGH
- EXISTING CABLE DUCTS TO BE RETAINED
- EXISTING CABLE DUCTS TO BE REMOVED
- PROPOSED CABLE DUCTS
- EXISTING CABLE CHAMBERS TO BE RETAINED
- EXISTING CABLE CHAMBERS TO BE REMOVED
- PROPOSED CABLE CHAMBERS
- PROPOSED SIGNALLING AND OCS ZONE

**TRACK LEGEND**

- RUNNING LINES
- EXISTING TRACK SLUED OR MODIFIED
- SIDINGS
- PROPOSED TRACKWORK
- TRACKWORK TO BE REMOVED

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National Transport Authority

**CIE**

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Amiens Street  
Dublin 1  
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**Project Title** CORK AREA COMMUTER RAIL  
GLOUNTHAUNE - MIDLETON TWIN TRACK

**Drawing Title**  
Glounthaune-Midleton Twin Track  
Cable Ways Layout

P01	10/06/22	IM	JM	Preliminary Design for Public Consultation
Rev	Date	Drawn	Eng Check	Appr
	10/06/22	I.MANGOUROV	R.O'CONNOR	J.MCINERNEY

**Drawing File Name**  
C745-WP3\_03-XX-XX-XXX-DR-MMD-EE-0003

**Coordination**

**Approved**

Scale @ A1  
1:500

**Acceptance**  
S

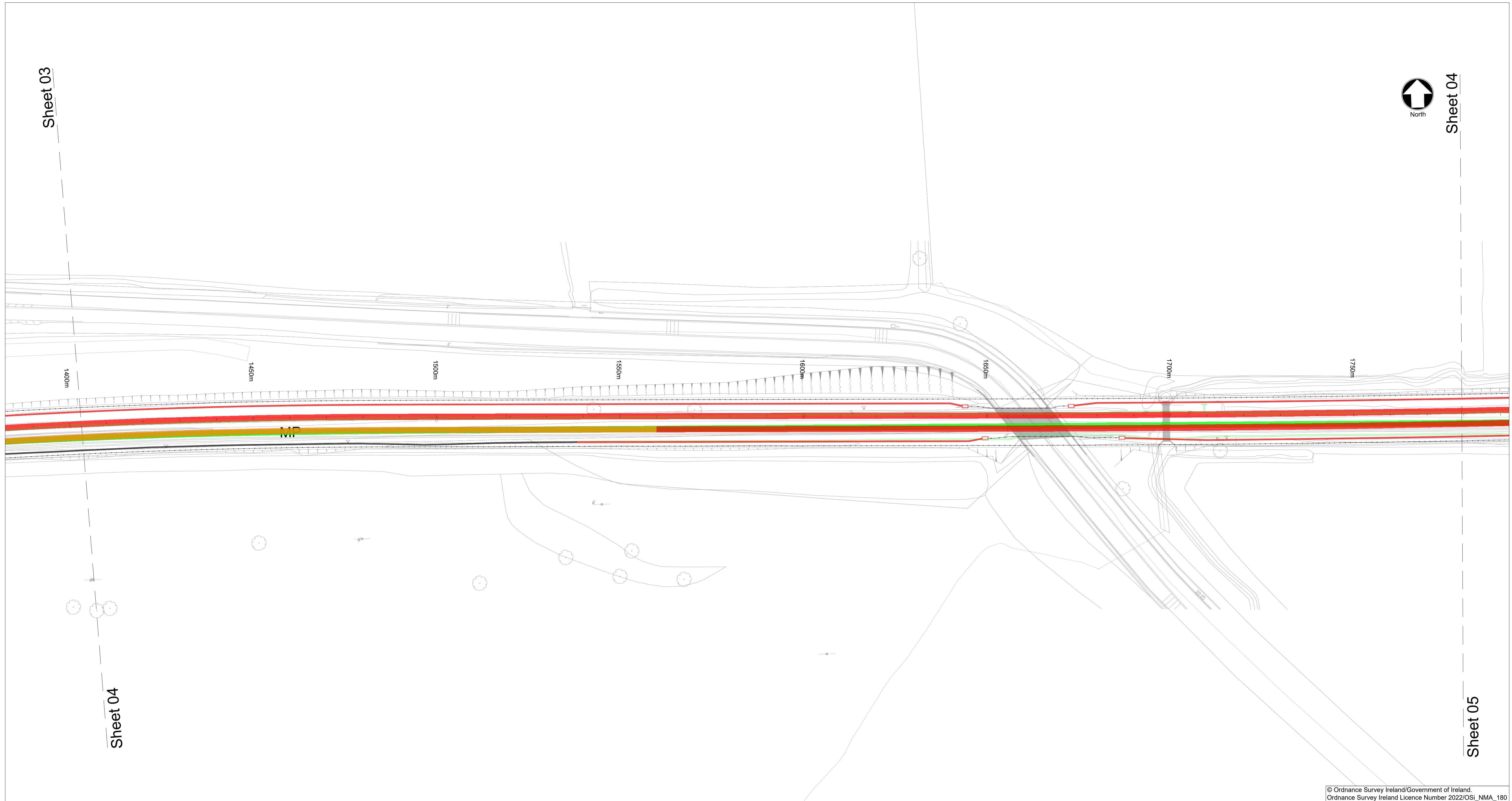
Sheet  
03 of 28

**Purpose**  
P1

**Rev**  
P01

Sheet 03

Sheet 04



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- EXISTING CABLE TROUGH TO BE RETAINED
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- PROPOSED CABLE TROUGH
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- EXISTING CABLE DUCTS TO BE REMOVED
- PROPOSED CABLE DUCTS
- EXISTING CABLE CHAMBERS TO BE RETAINED
- EXISTING CABLE CHAMBERS TO BE REMOVED
- PROPOSED CABLE CHAMBERS
- PROPOSED SIGNALLING AND OCS ZONE

**TRACK LEGEND**

- RUNNING LINES
- EXISTING TRACK SLUED OR MODIFIED
- SIDINGS
- PROPOSED TRACKWORK
- TRACKWORK TO BE REMOVED

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P01	10/06/22	IM	JM		Preliminary Design for Public Consultation
Rev	Date	Drawn	Eng Check	Appr	Description
	10/06/22	I.MANGOUROV			

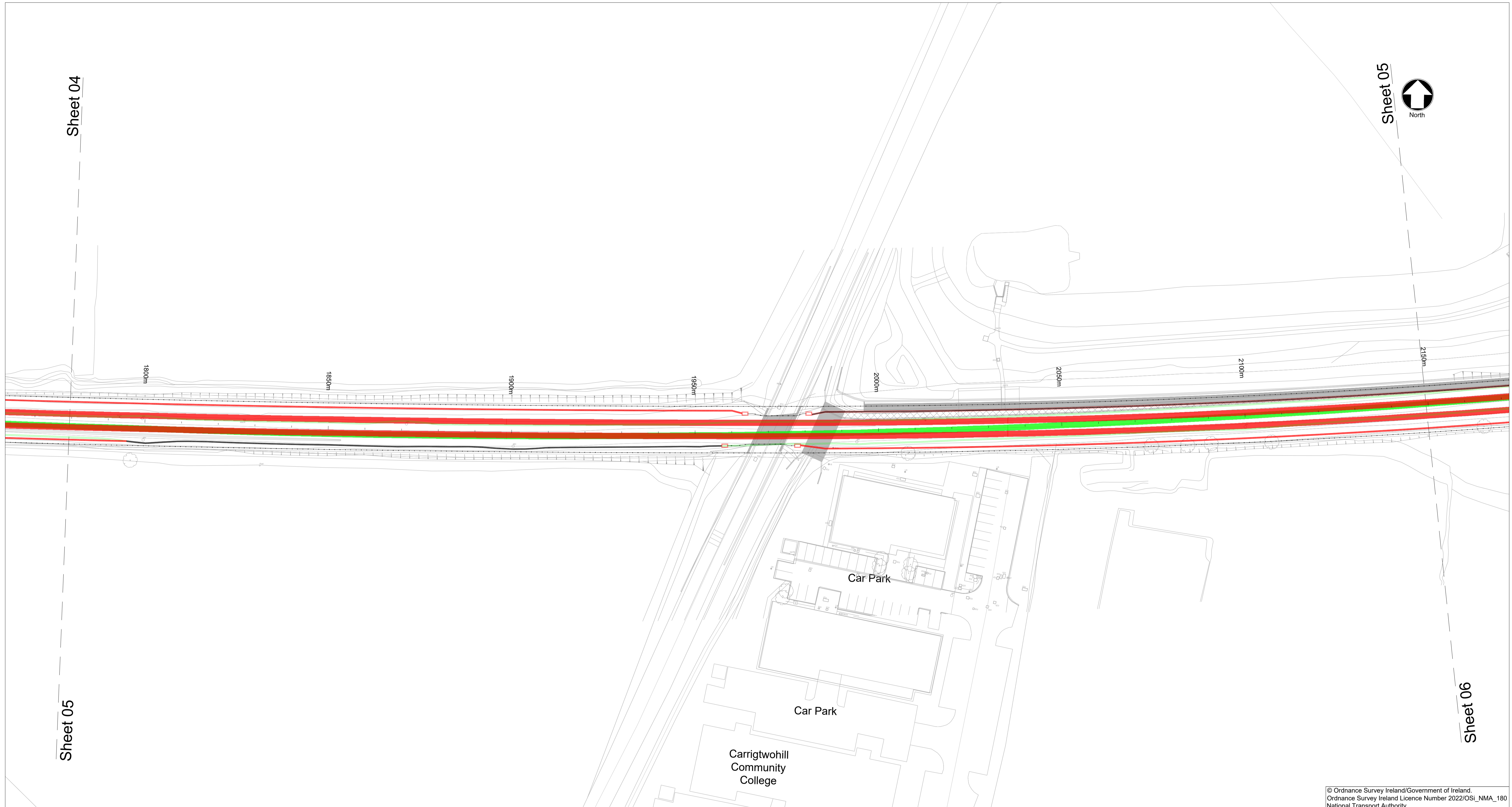
Project Title		CORK AREA COMMUTER RAIL GLOUNTHAUNE - MIDLETON TWIN TRACK	
Drawing Title		Glounthaune-Midleton Twin Track Cable Ways Layout	
Drawing File Name	C745-WP3_03-XX-XX-XXX-DR-MMD-EE-0004	Sheet	04 of 28
Coordination	Approved	Scale @ A1	1:500
Eng check	J.MCINERNEY	Acceptance	S
Purpose	P1	Rev	P01

Sheet 04

Sheet 05



Sheet 06



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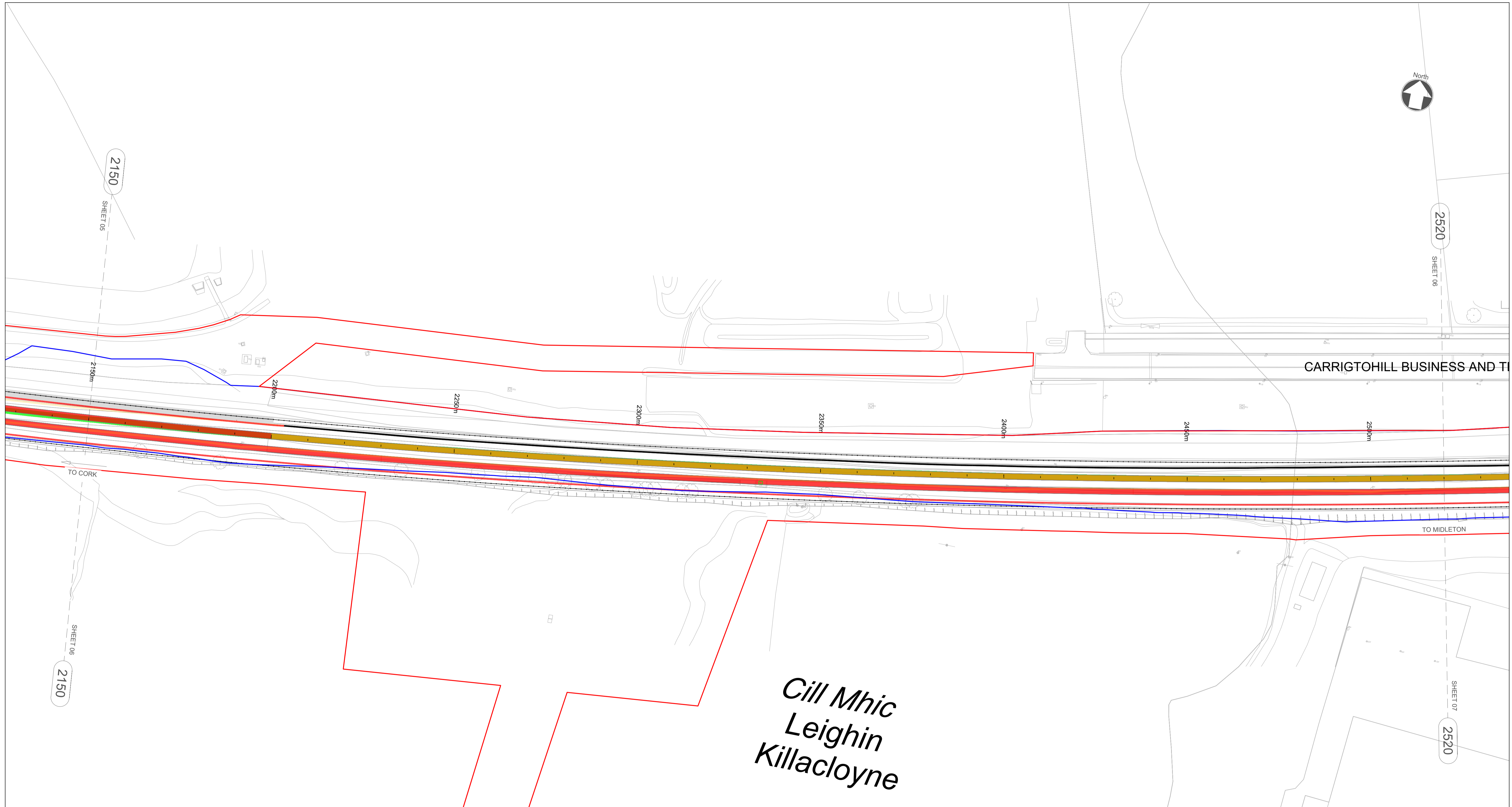
  

P01	10/06/22	IM	JM		Preliminary Design for Public Consultation
Rev	Date	Drawn	Eng Check	Appr	Description
	10/06/22	I.MANGOUROV			

**Project Title**  
CORK AREA COMMUTER RAIL  
GLOUNTHAUNE - MIDLETON TWIN TRACK

**Drawing Title**  
Glounthaune-Midleton Twin Track  
Cable Ways Layout

Drawing File Name C745-WP3_03-XX-XX-XXX-DR-MMD-EE-0005		Sheet 05 of 28
Coordination	Approved	Scale @ A1 1:500
Eng check R.O'CONNOR	Eng check J.MCINERNEY	Acceptance S
Purpose P1	Rev P01	



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	TRACKWORK TO BE REMOVED
	DEVELOPMENT BOUNDARY
	CIE LAND OWNERSHIP

STRUCTURES LEGEND	
	EXISTING OVERBRIDGE
	OVERBRIDGE TO BE DEMOLISHED
	EXISTING UNDERBRIDGE
	UNDERBRIDGE TO BE EXTENDED/WIDENED

Date	Designed	Drawn	Dwg check	Eng check	Description
P01 10/06/22	IM	JM	JM		Preliminary Design for Public Consultation
P02 23/09/22	RO	NS	--		PHASE 3: PRELIMINARY DESIGN
Rev	Date	Drawn	Eng Check	Appr	Description

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

Date	23/09/22	Designed	I.MANGOUROV	Drawn	R.OCONNOR	Dwg check	G.BERCOT	Eng check	N.SAMACHETTY
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D01 V6V6

Project Title: CORK AREA COMMUTER RAIL  
GLOUNTHAUNE - MIDLETON TWIN TRACK

Drawing Title: CABLE WAYS LAYOUT  
CH2150 TO CH2520

Drawing File Name	C745-WP3_03-XX-XX-XXX-DR-MMD-EE-0006	Sheet	06 of 28
Coordination	Approved	Scale @A1: 1:500 Scale @A3: 1:1000	Acceptance S
Rev	P1	Purpose	P02



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- DEVELOPMENT BOUNDARY
- CIE LAND OWNERSHIP

**STRUCTURES LEGEND**

- OBY XX EXISTING OVERBRIDGE
- OBY XX OVERBRIDGE TO BE DEMOLISHED
- UBY XX EXISTING UNDERBRIDGE
- UBY XX UNDERBRIDGE TO BE EXTENDED/WIDENED

Date	Designed	Drawn	Dwg check	Eng check	Description
P01 10/06/22	IM	JM	JM		Preliminary Design for Public Consultation
P02 23/09/22	RO	NS			PHASE 3: PRELIMINARY DESIGN
Rev	Date	Drawn	Eng Check	Appr	Description

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0 5.0 10.0 20.0 30.0 40.0 50.0m  
SCALE 1:500 @ A1; 1:1000 @ A3

Date	Designed	Drawn	Dwg check	Eng check
23/09/22	I.MANGOUROV	R.OCONNOR	G.BERCOT	N.SAMACHETTY

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**Iarnród Éireann Irish Rail**

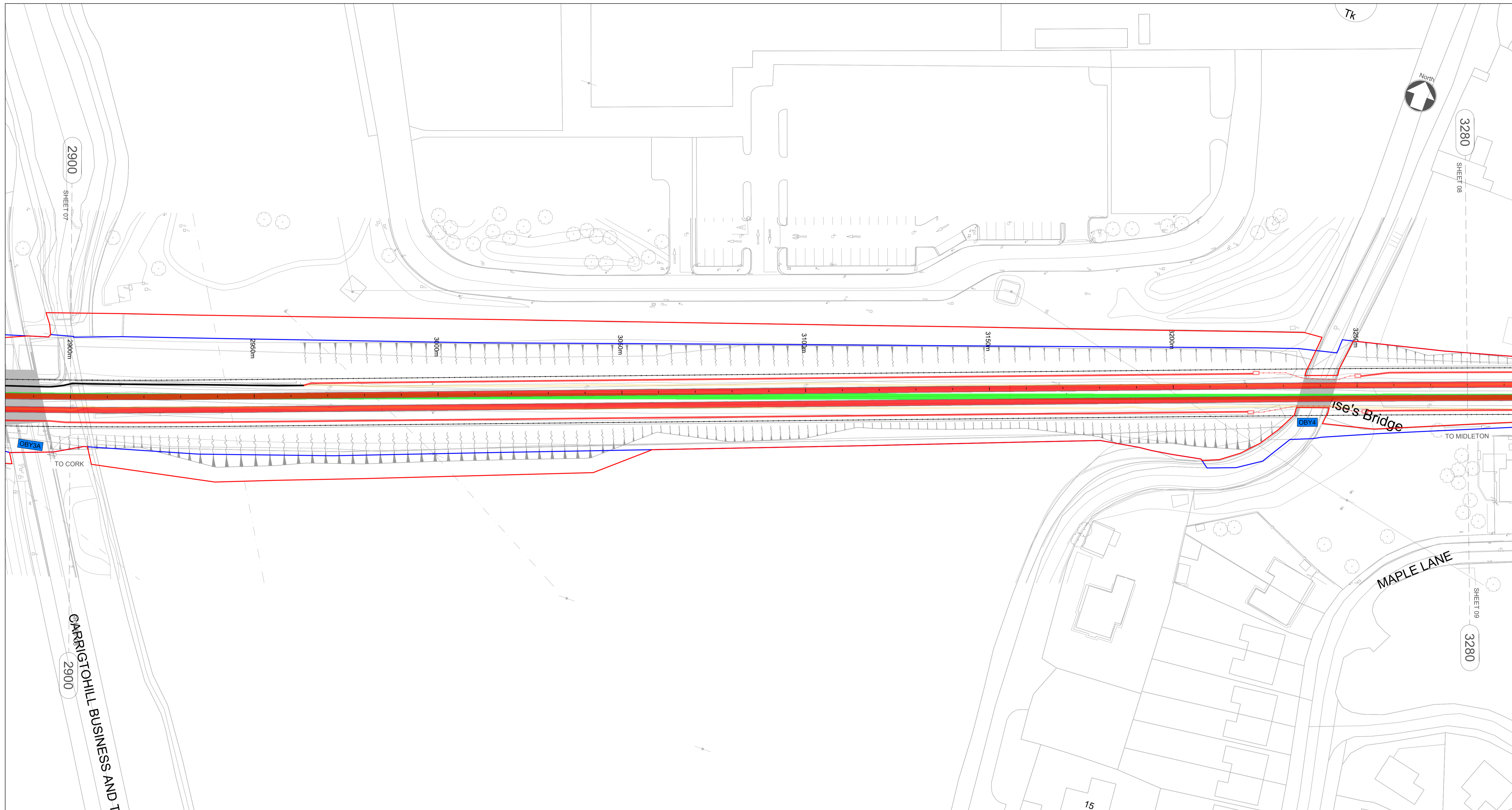
**Project Title** CORK AREA COMMUTER RAIL  
GLOUNTHAUNE - MIDLETON TWIN TRACK

**Drawing Title** CABLE WAYS LAYOUT  
CH2520 TO CH2900

**Drawing File Name** C745-WP3\_03-XX-XX-XXX-DR-MMD-EE-0007  
**Sheet** 07 of 28

Coordination	Approved	Scale @A1: 1:500	Acceptance	Purpose	Rev
---	---	Scale @A3: 1:1000	S	P1	P02





**NOTES**

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CABLE WAYS LEGEND	
	EXISTING CABLE TROUGH TO BE RETAINED
	EXISTING CABLE TROUGH TO BE REMOVED
	PROPOSED CABLE TROUGH
	EXISTING CABLE DUCTS TO BE RETAINED
	EXISTING CABLE DUCTS TO BE REMOVED
	PROPOSED CABLE DUCTS
	EXISTING CABLE CHAMBERS TO BE RETAINED
	EXISTING CABLE CHAMBERS TO BE REMOVED
	PROPOSED CABLE CHAMBERS
	PROPOSED SIGNALLING AND OCS ZONE
	RUNNING LINES
	EXISTING TRACK SLUED OR MODIFIED
	SIDINGS
	PROPOSED TRACKWORK
	TRACKWORK TO BE REMOVED
	DEVELOPMENT BOUNDARY
	CIE LAND OWNERSHIP

STRUCTURES LEGEND	
	EXISTING OVERBRIDGE
	OVERBRIDGE TO BE DEMOLISHED
	EXISTING UNDERBRIDGE
	UNDERBRIDGE TO BE EXTENDED/WIDENED

Date	Designed	Drawn	Dwg check	Eng check	Description
P01 10/06/22	IM JM JM				Preliminary Design for Public Consultation
P02 23/09/22	RO NS --				PHASE 3: PRELIMINARY DESIGN
Rev	Date	Drawn	Eng Check	Appr	Description

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

Date	23/09/22	Designed	I.MANGOUROV	Drawn	R.OCONNOR	Dwg check	G.BERCOT	Eng check	N.SAMACHETTY
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D01 V6V6

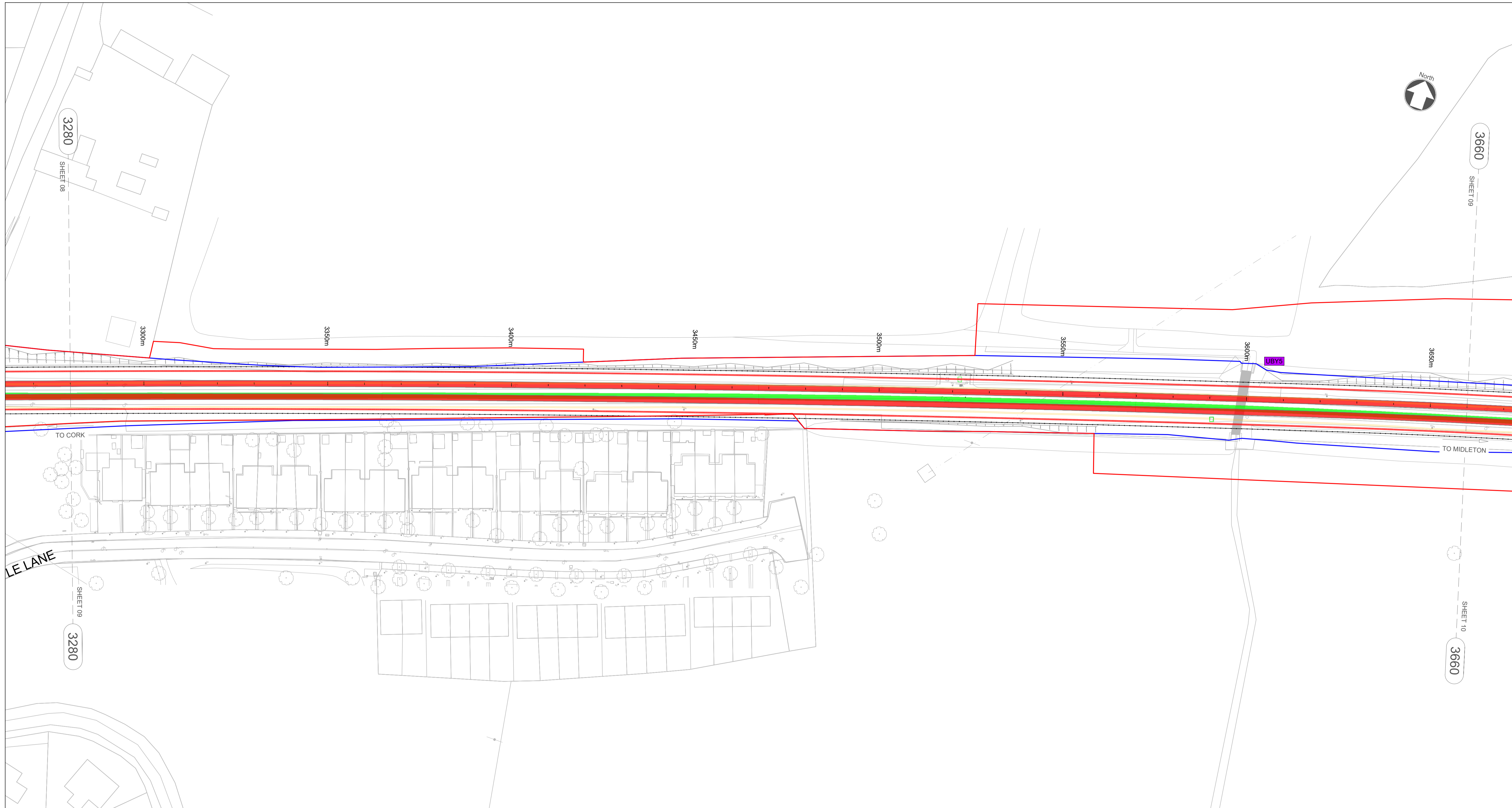
Project Title: CORK AREA COMMUTER RAIL  
GLOUNTHAUNE - MIDLETON TWIN TRACK

Drawing Title: CABLE WAYS LAYOUT  
CH2900 TO CH3280

Drawing File Name: C745-WP3\_03-XX-XX-XXX-DR-MMD-EE-0008

Sheet 08 of 28

Coordination	Approved	Scale @A1: 1:500 Scale @A3: 1:1000	Acceptance	Purpose	Rev
---	---		S	P1	P02



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**CABLE WAYS LEGEND**

	EXISTING CABLE TROUGH TO BE RETAINED
	EXISTING CABLE TROUGH TO BE REMOVED
	PROPOSED CABLE TROUGH
	EXISTING CABLE DUCTS TO BE RETAINED
	EXISTING CABLE DUCTS TO BE REMOVED
	PROPOSED CABLE DUCTS
	EXISTING CABLE CHAMBERS TO BE RETAINED
	EXISTING CABLE CHAMBERS TO BE REMOVED
	PROPOSED CABLE CHAMBERS
	PROPOSED SIGNALLING AND OCS ZONE
	RUNNING LINES
	EXISTING TRACK SLUED OR MODIFIED
	SIDINGS
	PROPOSED TRACKWORK
	TRACKWORK TO BE REMOVED
	DEVELOPMENT BOUNDARY
	CIE LAND OWNERSHIP

**STRUCTURES LEGEND**

	EXISTING OVERBRIDGE
	OVERBRIDGE TO BE DEMOLISHED
	EXISTING UNDERBRIDGE
	UNDERBRIDGE TO BE EXTENDED/WIDENED

0 5.0 10.0 20.0 30.0 40.0 50.0m

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

Rev	Date	Drawn	Eng Check	Appr	Description
P01	10/06/22	IM	JM	JM	Preliminary Design for Public Consultation
P02	23/09/22	RO	NS	---	PHASE 3: PRELIMINARY DESIGN

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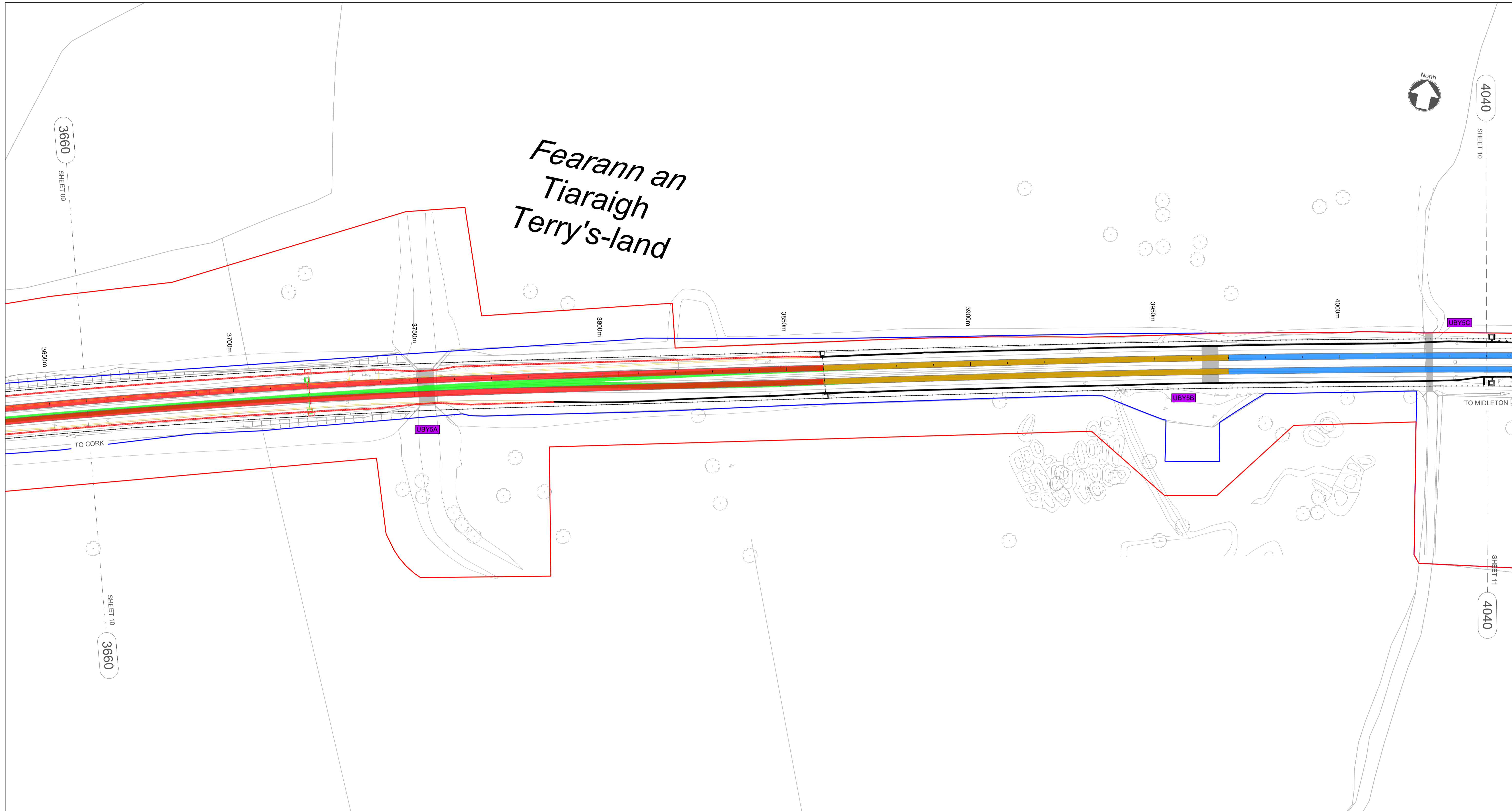
**Iarnród Éireann Irish Rail**

Project Title: CORK AREA COMMUTER RAIL  
GLOUNTHAUNE - MIDLETON TWIN TRACK

Drawing Title: CABLE WAYS LAYOUT  
CH280 TO CH3660

Drawing File Name: C745-WP3\_03-XX-XX-XXX-DR-MMD-EE-0009  
Sheet 09 of 28

Date: 23/09/22	Designed: I.MANGOUROV	Drawn: R.OCONNOR	Dwg check: G.BERCOT	Eng check: N.SAMACHETTY
Coordination: ---	Approved: ---	Scale @A1: 1:500 Scale @A3: 1:1000	Acceptance: S	Purpose: P1 Rev: P02



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**CABLE WAYS LEGEND**

- EXISTING CABLE TROUGH TO BE RETAINED
- EXISTING CABLE TROUGH TO BE REMOVED
- PROPOSED CABLE TROUGH
- EXISTING CABLE DUCTS TO BE RETAINED
- EXISTING CABLE DUCTS TO BE REMOVED
- PROPOSED CABLE DUCTS
- EXISTING CABLE CHAMBERS TO BE RETAINED
- EXISTING CABLE CHAMBERS TO BE REMOVED
- PROPOSED CABLE CHAMBERS
- PROPOSED SIGNALLING AND OCS ZONE
- RUNNING LINES
- EXISTING TRACK SLUED OR MODIFIED
- SIDINGS
- PROPOSED TRACKWORK
- TRACKWORK TO BE REMOVED
- DEVELOPMENT BOUNDARY
- CIE LAND OWNERSHIP

**STRUCTURES LEGEND**

- EXISTING OVERBRIDGE
- OVERBRIDGE TO BE DEMOLISHED
- EXISTING UNDERBRIDGE
- UNDERBRIDGE TO BE EXTENDED/WIDENED

Rev	Date	Drawn	Eng Check	Appr	Description
P01	10/06/22	IM	JM	JM	Preliminary Design for Public Consultation
P02	23/09/22	RO	NS	---	PHASE 3: PRELIMINARY DESIGN

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

Date	23/09/22	Designed	I.MANGOUROV	Drawn	R.OCONNOR	Dwg check	G.BERCOT	Eng check	N.SAMACHETTY
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**Iarnród Éireann Irish Rail**

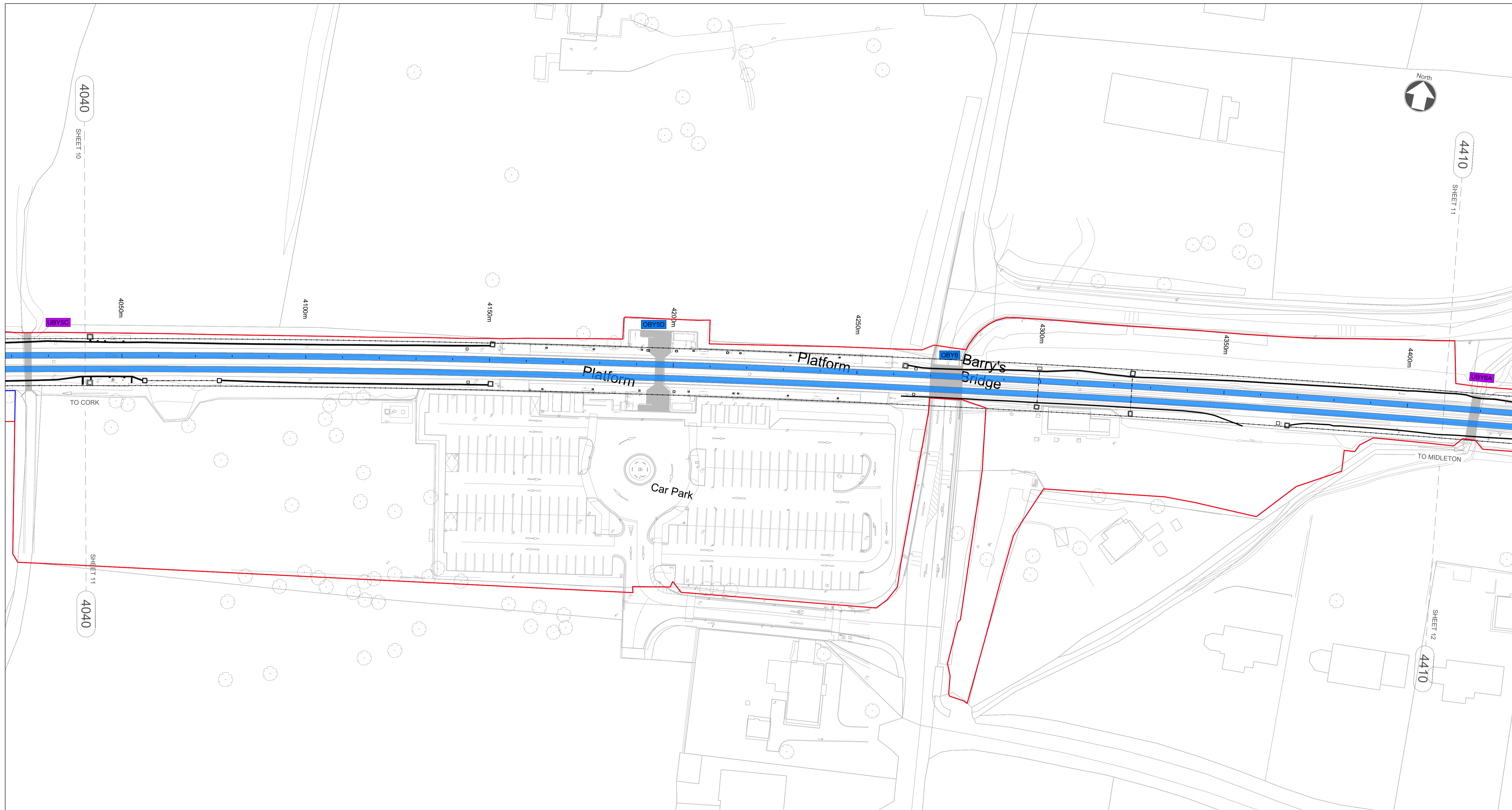
Project Title: CORK AREA COMMUTER RAIL GLOUNTHAUNE - MIDDLETON TWIN TRACK

Drawing Title: CABLE WAYS LAYOUT CH3660 TO CH4040

Drawing File Name: C745-WP3\_03-XX-XX-XXX-DR-MMD-EE-0010

Sheet 10 of 28

Coordination	Approved	Scale @A1: 1:500	Acceptance	Purpose	Rev
---	---	Scale @A3: 1:1000	S	P1	P02



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**CABLE WAYS LEGEND**

	EXISTING CABLE TROUGH TO BE RETAINED
	EXISTING CABLE TROUGH TO BE REMOVED
	PROPOSED CABLE TROUGH
	EXISTING CABLE DUCTS TO BE RETAINED
	EXISTING CABLE DUCTS TO BE REMOVED
	PROPOSED CABLE DUCTS
	EXISTING CABLE CHAMBERS TO BE RETAINED
	EXISTING CABLE CHAMBERS TO BE REMOVED
	PROPOSED CABLE CHAMBERS
	PROPOSED SIGNALLING AND OCS ZONE
	RUNNING LINES
	EXISTING TRACK SLUED OR MODIFIED
	SIDINGS
	PROPOSED TRACKWORK
	TRACKWORK TO BE REMOVED
	DEVELOPMENT BOUNDARY
	CIE LAND OWNERSHIP

**STRUCTURES LEGEND**

	EXISTING OVERBRIDGE
	OVERBRIDGE TO BE DEMOLISHED
	EXISTING UNDERBRIDGE
	UNDERBRIDGE TO BE EXTENDED/WIDENED

Rev	Date	Drawn	Eng Check	Appr	Description
P01	10/06/22	IM	JM	JM	Preliminary Design for Public Consultation
P02	23/09/22	RO	NS	--	PHASE 3: PRELIMINARY DESIGN

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Project Title: CORK AREA COMMUTER RAIL GLOUNTHAUNE - MIDLETON TWIN TRACK

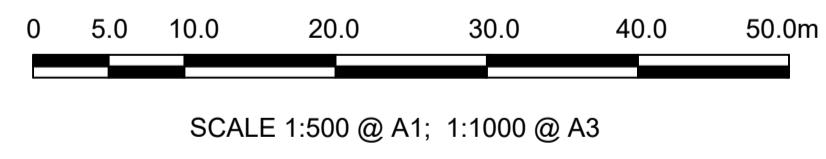
Drawing Title: CABLE WAYS LAYOUT CH4040 TO CH4410

Drawing File Name: C745-WP3\_03-XX-XX-XXX-DR-MMD-EE-0011

Sheet 11 of 28

Date: 23/09/22	Designed: I.MANGOUROV	Drawn: R.OCONNOR	Dwg check: G.BERCOT	Eng check: N.SAMACHETTY
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Coordination: --- Approved: --- Scale @A1: 1:500, Scale @A3: 1:1000, Acceptance: S, Purpose: P1, Rev: P02





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**CABLE WAYS LEGEND**

	EXISTING CABLE TROUGH TO BE RETAINED
	EXISTING CABLE TROUGH TO BE REMOVED
	PROPOSED CABLE TROUGH
	EXISTING CABLE DUCTS TO BE RETAINED
	EXISTING CABLE DUCTS TO BE REMOVED
	PROPOSED CABLE DUCTS
	EXISTING CABLE CHAMBERS TO BE RETAINED
	EXISTING CABLE CHAMBERS TO BE REMOVED
	PROPOSED CABLE CHAMBERS
	PROPOSED SIGNALLING AND OCS ZONE
	RUNNING LINES
	EXISTING TRACK SLUED OR MODIFIED
	SIDINGS
	PROPOSED TRACKWORK
	TRACKWORK TO BE REMOVED
	DEVELOPMENT BOUNDARY
	CIE LAND OWNERSHIP

**STRUCTURES LEGEND**

	EXISTING OVERBRIDGE
	OVERBRIDGE TO BE DEMOLISHED
	EXISTING UNDERBRIDGE
	UNDERBRIDGE TO BE EXTENDED/WIDENED

Rev	Date	Drawn	Eng Check	Appr	Description
P01	10/06/22	IM	JM	JM	Preliminary Design for Public Consultation
P02	23/09/22	RO	NS	---	PHASE 3: PRELIMINARY DESIGN

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

Date	23/09/22	Designed	I.MANGOUROV	Drawn	R.OCONNOR	Dwg check	G.BERCOT	Eng check	N.SAMACHETTY
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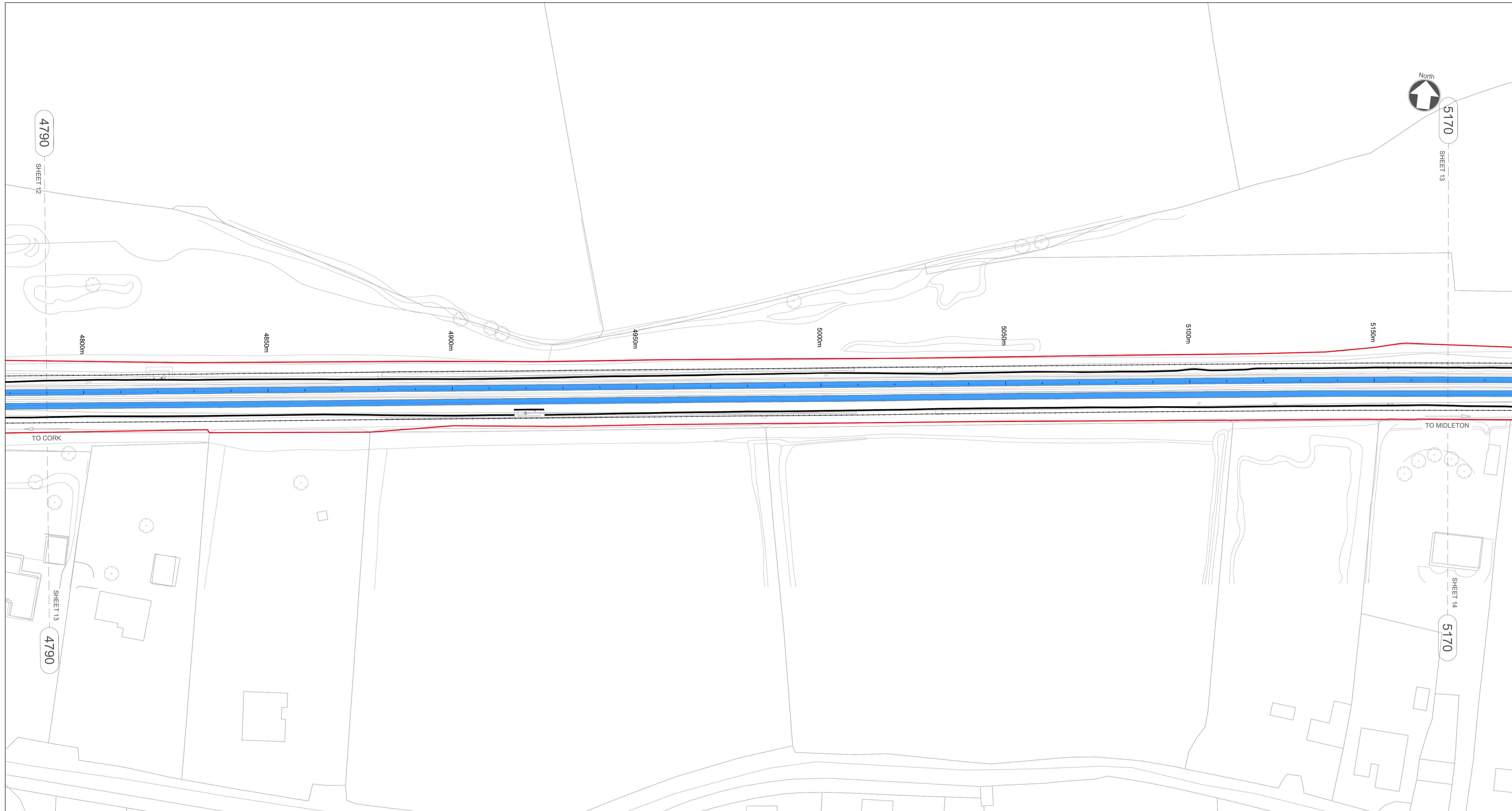
Project Title: CORK AREA COMMUTER RAIL  
GLOUNTHAUNE - MIDLETON TWIN TRACK

Drawing Title: CABLE WAYS LAYOUT  
CH4410 TO CH4790

Drawing File Name: C745-WP3\_03-XX-XX-XXX-DR-MMD-EE-0012

Sheet 12 of 28

Coordination	Approved	Scale @A1: 1:500	Acceptance	Purpose	Rev
---	---	Scale @A3: 1:1000	S	P1	P02



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**CABLE WAYS LEGEND**

- EXISTING CABLE TROUGH TO BE RETAINED
- - - EXISTING CABLE TROUGH TO BE REMOVED
- PROPOSED CABLE TROUGH
- EXISTING CABLE DUCTS TO BE RETAINED
- - - EXISTING CABLE DUCTS TO BE REMOVED
- PROPOSED CABLE DUCTS
- EXISTING CABLE CHAMBERS TO BE RETAINED
- EXISTING CABLE CHAMBERS TO BE REMOVED
- PROPOSED CABLE CHAMBERS
- PROPOSED SIGNALLING AND OCS ZONE
- RUNNING LINES
- EXISTING TRACK SLUED OR MODIFIED
- SIDINGS
- PROPOSED TRACKWORK
- TRACKWORK TO BE REMOVED
- DEVELOPMENT BOUNDARY
- CIE LAND OWNERSHIP

**STRUCTURES LEGEND**

- OBV XX EXISTING OVERBRIDGE
- OBY XX OVERBRIDGE TO BE DEMOLISHED
- UBY XX EXISTING UNDERBRIDGE
- UBV XX UNDERBRIDGE TO BE EXTENDED/WIDENED

Rev	Date	Drawn	Eng Check	Appr	Description
P01	10/06/22	IM	JM	JM	Preliminary Design for Public Consultation
P02	23/09/22	RO	NS	---	PHASE 3: PRELIMINARY DESIGN

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

Date	23/09/22	Designed	I.MANGOUROV	Drawn	R.OCONNOR	Dwg check	G.BERCOT	Eng check	N.SAMACHETTY
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Project Title: CORK AREA COMMUTER RAIL  
GLOUNTHAUNE - MIDLETON TWIN TRACK

Drawing Title: CABLE WAYS LAYOUT  
CH4790 TO CH5170

Drawing File Name: C745-WP3\_03-XX-XX-XXX-DR-MMD-EE-0013

Sheet 13 of 28

Coordination	Approved	Scale @A1: 1:500	Acceptance	Purpose	Rev
---	---	Scale @A3: 1:1000	S	P1	P02



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**CABLE WAYS LEGEND**

- EXISTING CABLE TROUGH TO BE RETAINED
- EXISTING CABLE TROUGH TO BE REMOVED
- PROPOSED CABLE TROUGH
- EXISTING CABLE DUCTS TO BE RETAINED
- EXISTING CABLE DUCTS TO BE REMOVED
- PROPOSED CABLE DUCTS
- EXISTING CABLE CHAMBERS TO BE RETAINED
- EXISTING CABLE CHAMBERS TO BE REMOVED
- PROPOSED CABLE CHAMBERS
- PROPOSED SIGNALLING AND OCS ZONE
- RUNNING LINES
- EXISTING TRACK SLUED OR MODIFIED
- SIDINGS
- PROPOSED TRACKWORK
- TRACKWORK TO BE REMOVED
- DEVELOPMENT BOUNDARY
- CIE LAND OWNERSHIP

**STRUCTURES LEGEND**

- EXISTING OVERBRIDGE
- OVERBRIDGE TO BE DEMOLISHED
- EXISTING UNDERBRIDGE
- UNDERBRIDGE TO BE EXTENDED/WIDENED

Date	Designed	Drawn	Dwg check	Eng check	Description
P01 10/06/22	IM	JM	JM		Preliminary Design for Public Consultation
P02 23/09/22	RO	NS	--		PHASE 3: PRELIMINARY DESIGN
Rev	Date	Drawn	Eng Check	Appr	Description

0 5.0 10.0 20.0 30.0 40.0 50.0m  
SCALE 1:500 @ A1; 1:1000 @ A3

Date	23/09/22	Designed	I.MANGOUROV	Drawn	R.OCONNOR	Dwg check	G.BERCOT	Eng check	N.SAMACHETTY
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**Iarnród Éireann Irish Rail**

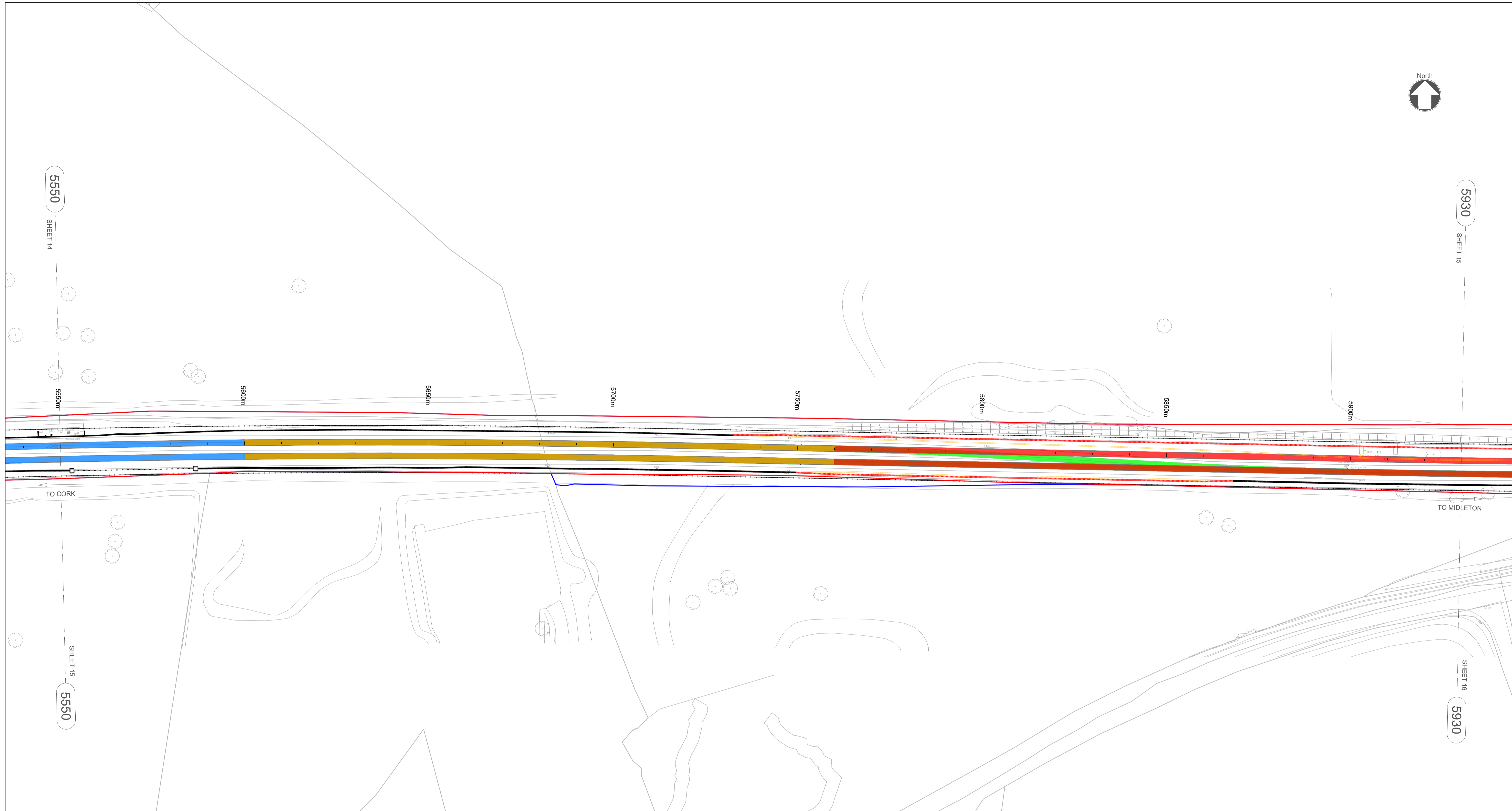
Project Title: CORK AREA COMMUTER RAIL GLOUNTHAUNE - MIDLETON TWIN TRACK

Drawing Title: CABLE WAYS LAYOUT CH5170 TO CH5550

Drawing File Name: C745-WP3\_03-XX-XX-XXX-DR-MMD-EE-0014

Sheet 14 of 28

Coordination	Approved	Scale @A1: 1:500	Acceptance	Purpose	Rev
---	---	Scale @A3: 1:1000	S	P1	P02



**NOTES**

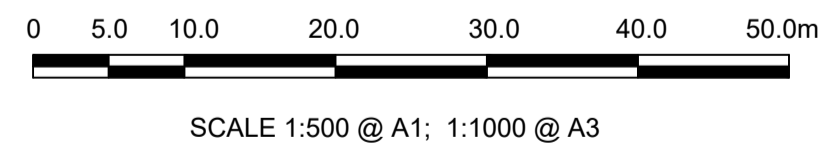
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**CABLE WAYS LEGEND**

	EXISTING CABLE TROUGH TO BE RETAINED
	EXISTING CABLE TROUGH TO BE REMOVED
	PROPOSED CABLE TROUGH
	EXISTING CABLE DUCTS TO BE RETAINED
	EXISTING CABLE DUCTS TO BE REMOVED
	PROPOSED CABLE DUCTS
	EXISTING CABLE CHAMBERS TO BE RETAINED
	EXISTING CABLE CHAMBERS TO BE REMOVED
	PROPOSED CABLE CHAMBERS
	PROPOSED SIGNALLING AND OCS ZONE
	RUNNING LINES
	EXISTING TRACK SLUED OR MODIFIED
	SIDINGS
	PROPOSED TRACKWORK
	TRACKWORK TO BE REMOVED
	DEVELOPMENT BOUNDARY
	CIE LAND OWNERSHIP

**STRUCTURES LEGEND**

	EXISTING OVERBRIDGE
	OVERBRIDGE TO BE DEMOLISHED
	EXISTING UNDERBRIDGE
	UNDERBRIDGE TO BE EXTENDED/WIDENED



Rev	Date	Drawn	Eng Check	Appr	Description
P01	10/06/22	IM	JM	JM	Preliminary Design for Public Consultation
P02	23/09/22	RO	NS	---	PHASE 3: PRELIMINARY DESIGN

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**Iarnród Éireann Irish Rail**

Project Title: CORK AREA COMMUTER RAIL  
GLOUNTHAUNE - MIDLETON TWIN TRACK

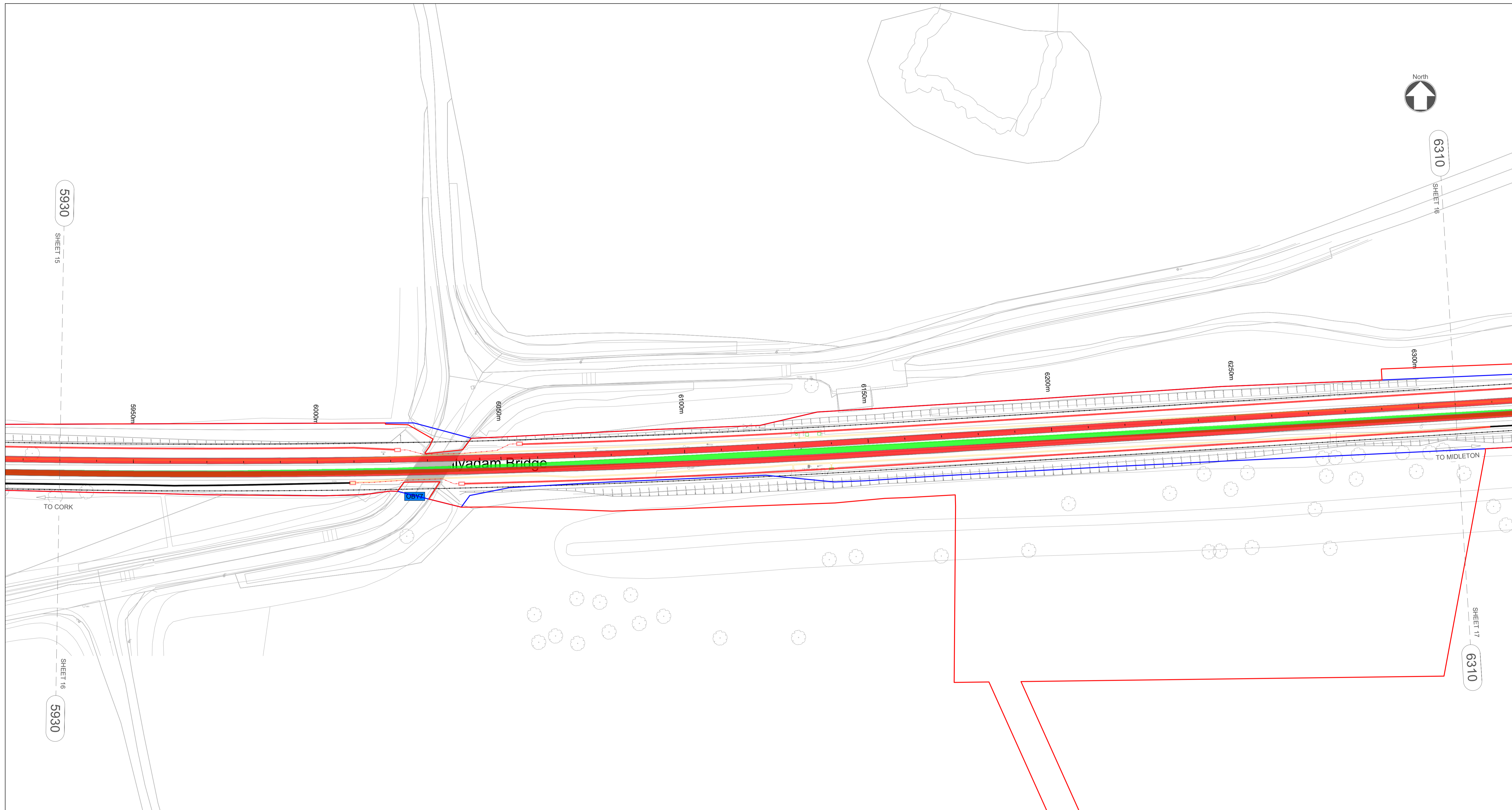
Drawing Title: CABLE WAYS LAYOUT  
CH5550 TO CH5930

Drawing File Name: C745-WP3\_03-XX-XX-XXX-DR-MMD-EE-0015

Sheet 15 of 28

Date	23/09/22	Designed	I.MANGOUROV	Drawn	R.OCONNOR	Dwg check	G.BERCOT	Eng check	N.SAMACHETTY
Coordination	---	Approved	---	Scale @A1:	1:500	Acceptance	S	Purpose	P1
				Scale @A3:	1:1000			Rev	P02





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CABLE WAYS LEGEND	
	EXISTING CABLE TROUGH TO BE RETAINED
	EXISTING CABLE TROUGH TO BE REMOVED
	PROPOSED CABLE TROUGH
	EXISTING CABLE DUCTS TO BE RETAINED
	EXISTING CABLE DUCTS TO BE REMOVED
	PROPOSED CABLE DUCTS
	EXISTING CABLE CHAMBERS TO BE RETAINED
	EXISTING CABLE CHAMBERS TO BE REMOVED
	PROPOSED CABLE CHAMBERS
	PROPOSED SIGNALLING AND OCS ZONE
	RUNNING LINES
	EXISTING TRACK SLUED OR MODIFIED
	SIDINGS
	PROPOSED TRACKWORK
	TRACKWORK TO BE REMOVED
	DEVELOPMENT BOUNDARY
	CIE LAND OWNERSHIP

STRUCTURES LEGEND	
	EXISTING OVERBRIDGE
	OVERBRIDGE TO BE DEMOLISHED
	EXISTING UNDERBRIDGE
	UNDERBRIDGE TO BE EXTENDED/WIDENED

Rev	Date	Drawn	Eng Check	Appr	Description
P01	10/06/22	IM	JM	JM	Preliminary Design for Public Consultation
P02	23/09/22	RO	NS	---	PHASE 3: PRELIMINARY DESIGN

Date	Designed	Drawn	Dwg check	Eng check
23/09/22	I.MANGOUROV	R.OCONNOR	G.BERCOT	N.SAMACHETTY

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Client: Iarnród Éireann-Irish Rail, Connolly Station, Arniens Street, Dublin 1, D01 V6V6

**Iarnród Éireann Irish Rail**

Project Title: CORK AREA COMMUTER RAIL GLOUNTHAUNE - MIDLETON TWIN TRACK

Drawing Title: CABLE WAYS LAYOUT CH5930 TO CH6310

Drawing File Name: C745-WP3\_03-XX-XX-XXX-DR-MMD-EE-0016

Sheet 16 of 28

Coordination	Approved	Scale @A1: 1:500	Acceptance	Purpose	Rev
---	---	Scale @A3: 1:1000	S	P1	P02



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**CABLE WAYS LEGEND**

- EXISTING CABLE TROUGH TO BE RETAINED
- EXISTING CABLE TROUGH TO BE REMOVED
- PROPOSED CABLE TROUGH
- EXISTING CABLE DUCTS TO BE RETAINED
- EXISTING CABLE DUCTS TO BE REMOVED
- PROPOSED CABLE DUCTS
- EXISTING CABLE CHAMBERS TO BE RETAINED
- EXISTING CABLE CHAMBERS TO BE REMOVED
- PROPOSED CABLE CHAMBERS
- PROPOSED SIGNALLING AND OCS ZONE
- RUNNING LINES
- EXISTING TRACK SLUED OR MODIFIED
- SIDINGS
- PROPOSED TRACKWORK
- TRACKWORK TO BE REMOVED
- DEVELOPMENT BOUNDARY
- CIE LAND OWNERSHIP

**STRUCTURES LEGEND**

- OBY XX EXISTING OVERBRIDGE
- OBY XX OVERBRIDGE TO BE DEMOLISHED
- UBY XX EXISTING UNDERBRIDGE
- UBY XX UNDERBRIDGE TO BE EXTENDED/WIDENED

0 5.0 10.0 20.0 30.0 40.0 50.0m  
SCALE 1:500 @ A1; 1:1000 @ A3

Rev	Date	Drawn	Eng Check	Appr	Description
P01	13/06/22	IM	JM	JM	Preliminary Design for Public Consultation
P02	23/09/22	RO	NS	---	PHASE 3: PRELIMINARY DESIGN

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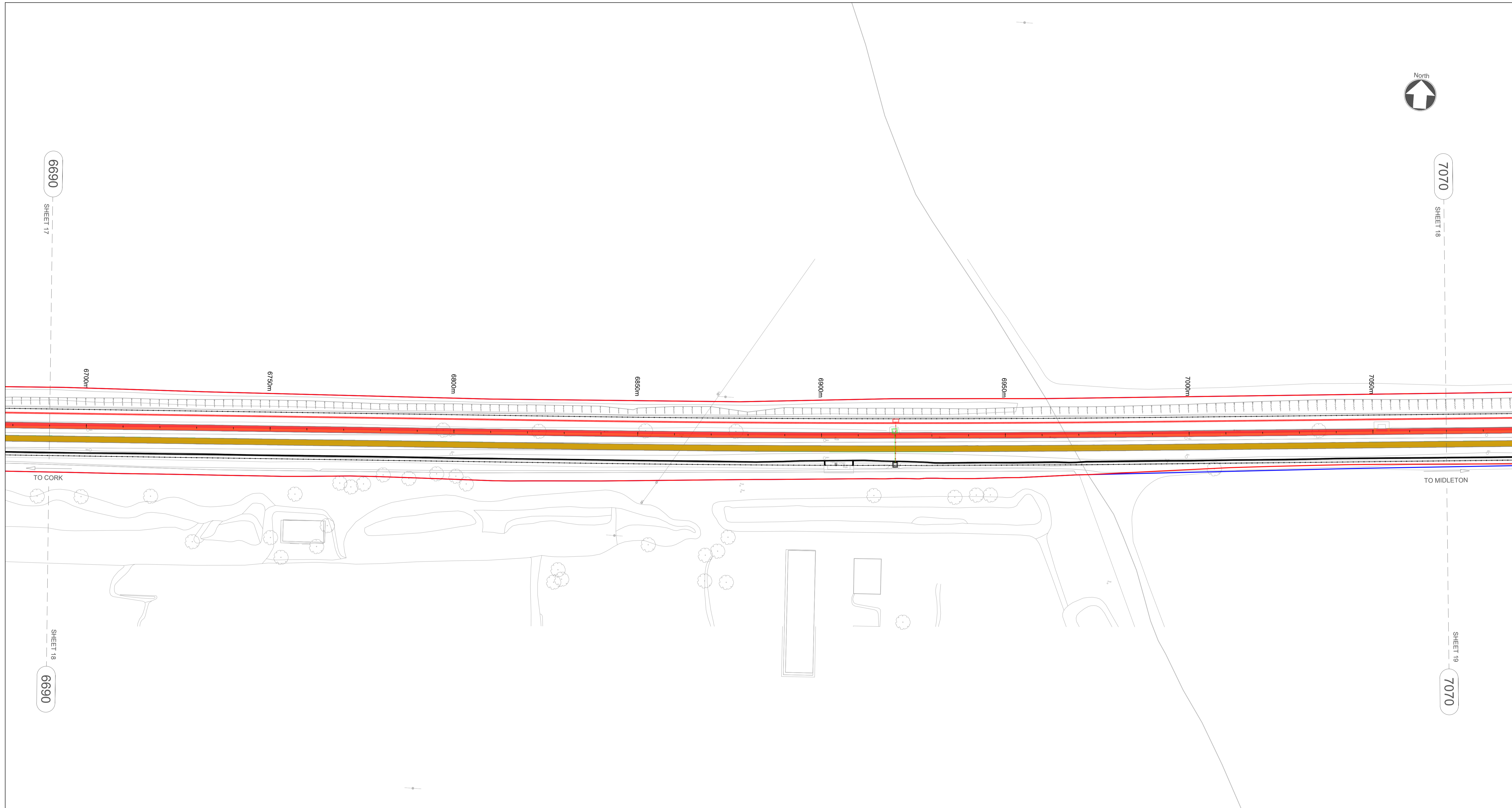
Client **Iarnród Éireann-Irish Rail**  
Connolly Station  
Amiens Street  
Dublin 1  
D01 V6V6

Project Title **CORK AREA COMMUTER RAIL  
GLOUNTHAUNE - MIDLETON TWIN TRACK**

Drawing Title **CABLE WAYS LAYOUT  
CH6310 TO CH6690**

Drawing File Name **C745-WP3\_03-XX-XX-XXX-DR-MMD-EE-0017** Sheet **17** of **28**

Date	23/09/22	Designed	I.MANGOUROV	Drawn	R.OCONNOR	Dwg check	G.BERCOT	Eng check	N.SAMACHETTY
Coordination	---	Approved	---	Scale @A1: 1:500	Scale @A3: 1:1000	Acceptance	S	Purpose	P1
Rev	---	Rev	---	Rev	---	Rev	---	Rev	P02



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CABLE WAYS LEGEND	
	EXISTING CABLE TROUGH TO BE RETAINED
	EXISTING CABLE TROUGH TO BE REMOVED
	PROPOSED CABLE TROUGH
	EXISTING CABLE DUCTS TO BE RETAINED
	EXISTING CABLE DUCTS TO BE REMOVED
	PROPOSED CABLE DUCTS
	EXISTING CABLE CHAMBERS TO BE RETAINED
	EXISTING CABLE CHAMBERS TO BE REMOVED
	PROPOSED CABLE CHAMBERS
	PROPOSED SIGNALLING AND OCS ZONE
	RUNNING LINES
	EXISTING TRACK SLUED OR MODIFIED
	SIDINGS
	PROPOSED TRACKWORK
	TRACKWORK TO BE REMOVED
	DEVELOPMENT BOUNDARY
	CIE LAND OWNERSHIP

STRUCTURES LEGEND	
	EXISTING OVERBRIDGE
	OVERBRIDGE TO BE DEMOLISHED
	EXISTING UNDERBRIDGE
	UNDERBRIDGE TO BE EXTENDED/WIDENED

Rev	Date	Drawn	Eng Check	Appr	Description
P01	13/06/22	IM	JM	JM	Preliminary Design for Public Consultation
P02	23/09/22	RO	NS	---	PHASE 3: PRELIMINARY DESIGN

Date	Designed	Drawn	Dwg check	Eng check
23/09/22	I.MANGOUROV	R.OCONNOR	G.BERCOT	N.SAMACHETTY

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**Iarnród Éireann Irish Rail**

Project Title: CORK AREA COMMUTER RAIL GLOUNTHAUNE - MIDLETON TWIN TRACK

Drawing Title: CABLE WAYS LAYOUT CH6690 TO CH7070

Drawing File Name: C745-WP3\_03-XX-XX-XXX-DR-MMD-EE-0018

Sheet 18 of 28

Coordination	Approved	Scale @A1: 1:500	Acceptance	Purpose	Rev
---	---	Scale @A3: 1:1000	S	P1	P02



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CABLE WAYS LEGEND	
	EXISTING CABLE TROUGH TO BE RETAINED
	EXISTING CABLE TROUGH TO BE REMOVED
	PROPOSED CABLE TROUGH
	EXISTING CABLE DUCTS TO BE RETAINED
	EXISTING CABLE DUCTS TO BE REMOVED
	PROPOSED CABLE DUCTS
	EXISTING CABLE CHAMBERS TO BE RETAINED
	EXISTING CABLE CHAMBERS TO BE REMOVED
	PROPOSED CABLE CHAMBERS
	PROPOSED SIGNALLING AND OCS ZONE
	RUNNING LINES
	EXISTING TRACK SLUED OR MODIFIED
	SIDINGS
	PROPOSED TRACKWORK
	TRACKWORK TO BE REMOVED
	DEVELOPMENT BOUNDARY
	CIE LAND OWNERSHIP

STRUCTURES LEGEND	
	EXISTING OVERBRIDGE
	OVERBRIDGE TO BE DEMOLISHED
	EXISTING UNDERBRIDGE
	UNDERBRIDGE TO BE EXTENDED/WIDENED

Rev	Date	Drawn	Eng Check	Appr	Description
P01	13/06/22	IM	JM	JM	Preliminary Design for Public Consultation
P02	23/09/22	RO	NS	--	PHASE 3: PRELIMINARY DESIGN

Date	Designed	Drawn	Dwg check	Eng check
23/09/22	I.MANGOUROV	R.OCONNOR	G.BERCOT	N.SAMACHETTY

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**Iarnród Éireann Irish Rail**

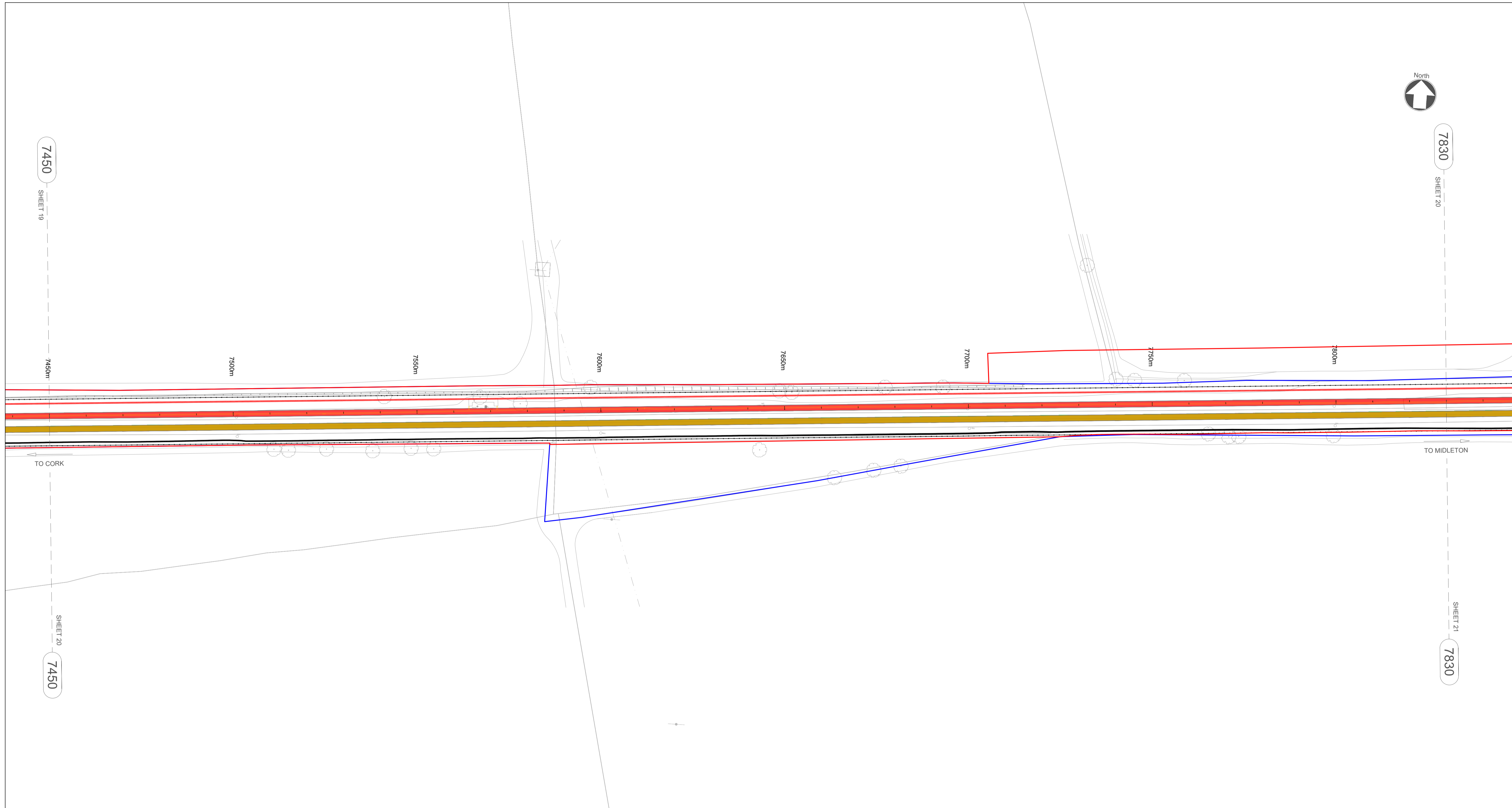
Project Title: CORK AREA COMMUTER RAIL, GLOUNTHAUNE - MIDLETON TWIN TRACK

Drawing Title: CABLE WAYS LAYOUT, CH7070 TO CH7450

Drawing File Name: C745-WP3\_03-XX-XX-XXX-DR-MMD-EE-0019

Sheet 19 of 28

Coordination	Approved	Scale @A1: 1:500	Acceptance	Purpose	Rev
---	---	Scale @A3: 1:1000	S	P1	P02



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CABLE WAYS LEGEND	
	EXISTING CABLE TROUGH TO BE RETAINED
	EXISTING CABLE TROUGH TO BE REMOVED
	PROPOSED CABLE TROUGH
	EXISTING CABLE DUCTS TO BE RETAINED
	EXISTING CABLE DUCTS TO BE REMOVED
	PROPOSED CABLE DUCTS
	EXISTING CABLE CHAMBERS TO BE RETAINED
	EXISTING CABLE CHAMBERS TO BE REMOVED
	PROPOSED CABLE CHAMBERS
	PROPOSED SIGNALLING AND OCS ZONE
	RUNNING LINES
	EXISTING TRACK SLUED OR MODIFIED
	SIDINGS
	PROPOSED TRACKWORK
	TRACKWORK TO BE REMOVED
	DEVELOPMENT BOUNDARY
	CIE LAND OWNERSHIP

STRUCTURES LEGEND	
	EXISTING OVERBRIDGE
	OVERBRIDGE TO BE DEMOLISHED
	EXISTING UNDERBRIDGE
	UNDERBRIDGE TO BE EXTENDED/WIDENED

Date	Designed	Drawn	Dwg check	Eng check	Description
23/09/22	I.MANGOUROV	R.OCONNOR	G.BERCOT	N.SAMACHETTY	

Rev	Date	Drawn	Eng Check	Appr	Description
P01	13/06/22	IM	JM	JM	Preliminary Design for Public Consultation
P02	23/09/22	RO	NS	--	PHASE 3: PRELIMINARY DESIGN

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**Iarnród Éireann Irish Rail**

Project Title: CORK AREA COMMUTER RAIL GLOUNTHAUNE - MIDLETON TWIN TRACK

Drawing Title: CABLE WAYS LAYOUT CH7450 TO CH7830

Drawing File Name: C745-WP3\_03-XX-XX-XXX-DR-MMD-EE-0020

Sheet 20 of 28

Coordination	Approved	Scale @A1: 1:500	Acceptance	Purpose	Rev
---	---	Scale @A3: 1:1000	S	P1	P02



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CABLE WAYS LEGEND	
	EXISTING CABLE TROUGH TO BE RETAINED
	EXISTING CABLE TROUGH TO BE REMOVED
	PROPOSED CABLE TROUGH
	EXISTING CABLE DUCTS TO BE RETAINED
	EXISTING CABLE DUCTS TO BE REMOVED
	PROPOSED CABLE DUCTS
	EXISTING CABLE CHAMBERS TO BE RETAINED
	EXISTING CABLE CHAMBERS TO BE REMOVED
	PROPOSED CABLE CHAMBERS
	PROPOSED SIGNALLING AND OCS ZONE
	RUNNING LINES
	EXISTING TRACK SLUED OR MODIFIED
	SIDINGS
	PROPOSED TRACKWORK
	TRACKWORK TO BE REMOVED
	DEVELOPMENT BOUNDARY
	CIE LAND OWNERSHIP

STRUCTURES LEGEND	
	EXISTING OVERBRIDGE
	OVERBRIDGE TO BE DEMOLISHED
	EXISTING UNDERBRIDGE
	UNDERBRIDGE TO BE EXTENDED/WIDENED

Rev	Date	Drawn	Eng Check	Appr	Description
P01	13/06/22	IM	JM	JM	Preliminary Design for Public Consultation
P02	23/09/22	RO	NS	--	PHASE 3: PRELIMINARY DESIGN

Date	Designed	Drawn	Dwg check	Eng check
23/09/22	I.MANGOUROV	R.OCONNOR	G.BERCOT	N.SAMACHETTY

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Client: Iarnród Éireann-Irish Rail  
Connolly Station  
Amiens Street  
Dublin 1  
D01 V6V6

**Iarnród Éireann Irish Rail**

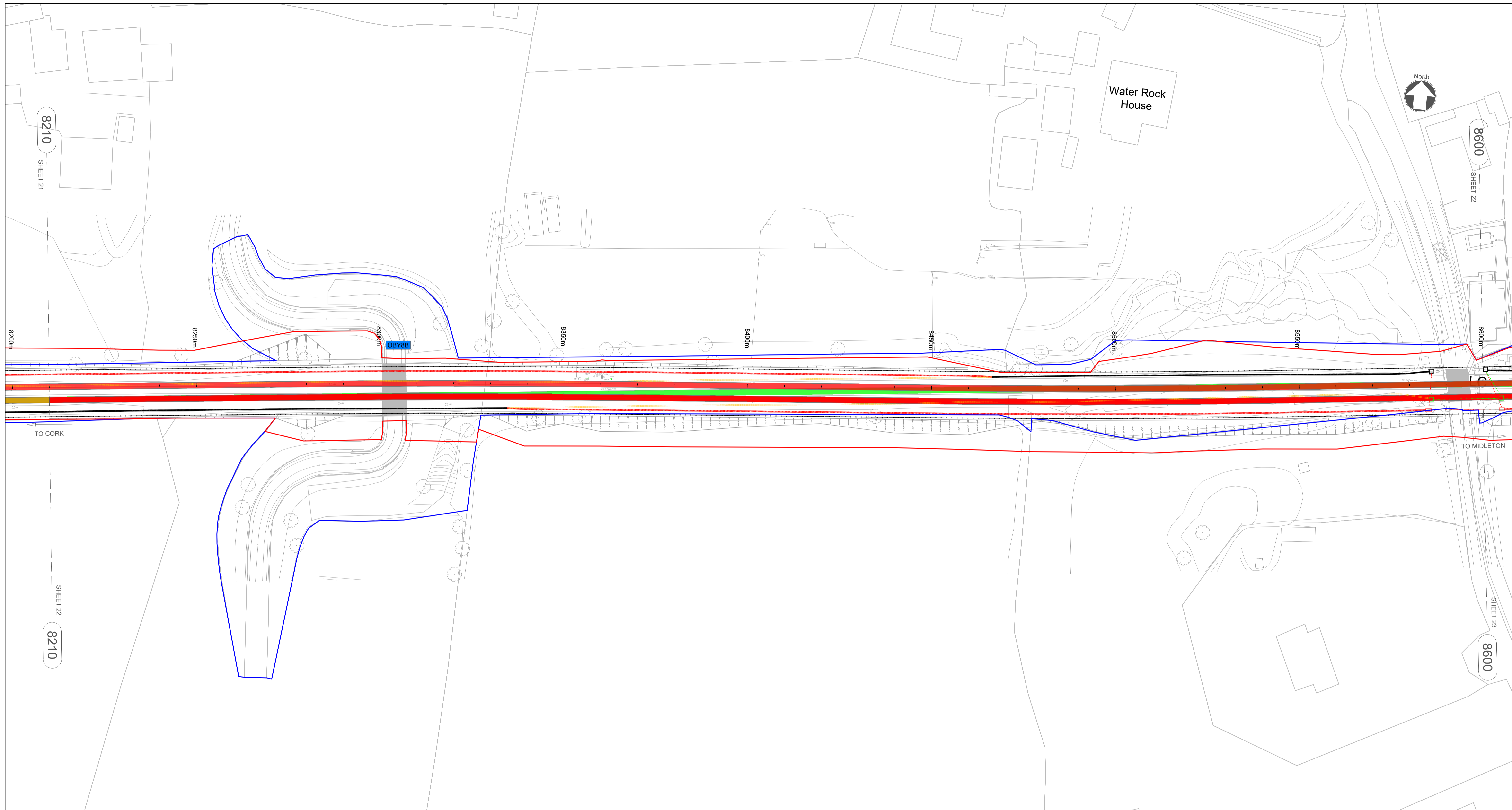
Project Title: CORK AREA COMMUTER RAIL  
GLOUNTHAUNE - MIDLETON TWIN TRACK

Drawing Title: CABLE WAYS LAYOUT  
CH7830 TO CH8210

Drawing File Name: C745-WP3\_03-XX-XX-XXX-DR-MMD-EE-0021

Sheet 21 of 28

Coordination	Approved	Scale @A1: 1:500 Scale @A3: 1:1000	Acceptance	Purpose	Rev
---	---		S	P1	P02



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CABLE WAYS LEGEND	
	EXISTING CABLE TROUGH TO BE RETAINED
	EXISTING CABLE TROUGH TO BE REMOVED
	PROPOSED CABLE TROUGH
	EXISTING CABLE DUCTS TO BE RETAINED
	EXISTING CABLE DUCTS TO BE REMOVED
	PROPOSED CABLE DUCTS
	EXISTING CABLE CHAMBERS TO BE RETAINED
	EXISTING CABLE CHAMBERS TO BE REMOVED
	PROPOSED CABLE CHAMBERS
	PROPOSED SIGNALLING AND OCS ZONE
	RUNNING LINES
	EXISTING TRACK SLUED OR MODIFIED
	SIDINGS
	PROPOSED TRACKWORK
	TRACKWORK TO BE REMOVED
	DEVELOPMENT BOUNDARY
	CIE LAND OWNERSHIP

STRUCTURES LEGEND	
	EXISTING OVERBRIDGE
	OVERBRIDGE TO BE DEMOLISHED
	EXISTING UNDERBRIDGE
	UNDERBRIDGE TO BE EXTENDED/WIDENED

Rev	Date	Drawn	Eng Check	Appr	Description
P01	13/06/22	IM	JM	JM	Preliminary Design for Public Consultation
P02	23/09/22	RO	NS	---	PHASE 3: PRELIMINARY DESIGN

<p>SCALE 1:500 @ A1; 1:1000 @ A3</p>									
Date	23/09/22	Designed	I.MANGOUROV	Drawn	R.OCONNOR	Dwg check	G.BERCOT	Eng check	N.SAMACHETTY

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Client: Iarnród Éireann-Irish Rail, Connolly Station, Amiens Street, Dublin 1, D01 V6V6

**Iarnród Éireann Irish Rail**

Project Title: CORK AREA COMMUTER RAIL GLOUNTHAUNE - MIDLETON TWIN TRACK

Drawing Title: CABLE WAYS LAYOUT CH8210 TO CH8600

Drawing File Name: C745-WP3\_03-XX-XX-XXX-DR-MMD-EE-0022

Sheet 22 of 28

Coordination	Approved	Scale @A1: 1:500	Acceptance	Purpose	Rev
---	---	Scale @A3: 1:1000	S	P1	P02



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CABLE WAYS LEGEND	
	EXISTING CABLE TROUGH TO BE RETAINED
	EXISTING CABLE TROUGH TO BE REMOVED
	PROPOSED CABLE TROUGH
	EXISTING CABLE DUCTS TO BE RETAINED
	EXISTING CABLE DUCTS TO BE REMOVED
	PROPOSED CABLE DUCTS
	EXISTING CABLE CHAMBERS TO BE RETAINED
	EXISTING CABLE CHAMBERS TO BE REMOVED
	PROPOSED CABLE CHAMBERS
	PROPOSED SIGNALLING AND OCS ZONE
	RUNNING LINES
	EXISTING TRACK SLUED OR MODIFIED
	SIDINGS
	PROPOSED TRACKWORK
	TRACKWORK TO BE REMOVED
	DEVELOPMENT BOUNDARY
	CIE LAND OWNERSHIP

STRUCTURES LEGEND	
	EXISTING OVERBRIDGE
	OVERBRIDGE TO BE DEMOLISHED
	EXISTING UNDERBRIDGE
	UNDERBRIDGE TO BE EXTENDED/WIDENED

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

Rev	Date	Drawn	Eng Check	Appr	Description
P01	13/06/22	IM	JM	JM	Preliminary Design for Public Consultation
P02	23/09/22	RO	NS	---	PHASE 3: PRELIMINARY DESIGN

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Client

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Amiens Street  
Dublin 1  
D01 V6V6

**Project Title**  
CORK AREA COMMUTER RAIL  
GLOUNTHAUNE - MIDLETON TWIN TRACK

**Drawing Title**  
CABLE WAYS LAYOUT  
CH8600 TO CH8980

Drawing File Name C745-WP3 03-XX-XX-XXX-DR-MMD-EE-0023		Sheet 23 of 28	
Coordination ---	Approved ---	Scale @A1: 1:500 Scale @A3: 1:1000	Acceptance S
Date 23/09/22	Designed I.MANGOUROV	Drawn R.OCONNOR	Eng check G.BERCOT
			Eng check N.SAMACHETTY
			Purpose P1
			Rev P02





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**CABLE WAYS LEGEND**

	EXISTING CABLE TROUGH TO BE RETAINED
	EXISTING CABLE TROUGH TO BE REMOVED
	PROPOSED CABLE TROUGH
	EXISTING CABLE DUCTS TO BE RETAINED
	EXISTING CABLE DUCTS TO BE REMOVED
	PROPOSED CABLE DUCTS
	EXISTING CABLE CHAMBERS TO BE RETAINED
	EXISTING CABLE CHAMBERS TO BE REMOVED
	PROPOSED CABLE CHAMBERS
	PROPOSED SIGNALLING AND OCS ZONE
	RUNNING LINES
	EXISTING TRACK SLUED OR MODIFIED
	SIDINGS
	PROPOSED TRACKWORK
	TRACKWORK TO BE REMOVED
	DEVELOPMENT BOUNDARY
	CIE LAND OWNERSHIP

**STRUCTURES LEGEND**

	EXISTING OVERBRIDGE
	OVERBRIDGE TO BE DEMOLISHED
	EXISTING UNDERBRIDGE
	UNDERBRIDGE TO BE EXTENDED/WIDENED


0 5.0 10.0 20.0 30.0 40.0 50.0m

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


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Client: Iarnród Éireann-Irish Rail, Connolly Station, Amiens Street, Dublin 1, D01 V6V6

**Iarnród Éireann Irish Rail**

Project Title: CORK AREA COMMUTER RAIL GLOUNTHAUNE - MIDLETON TWIN TRACK

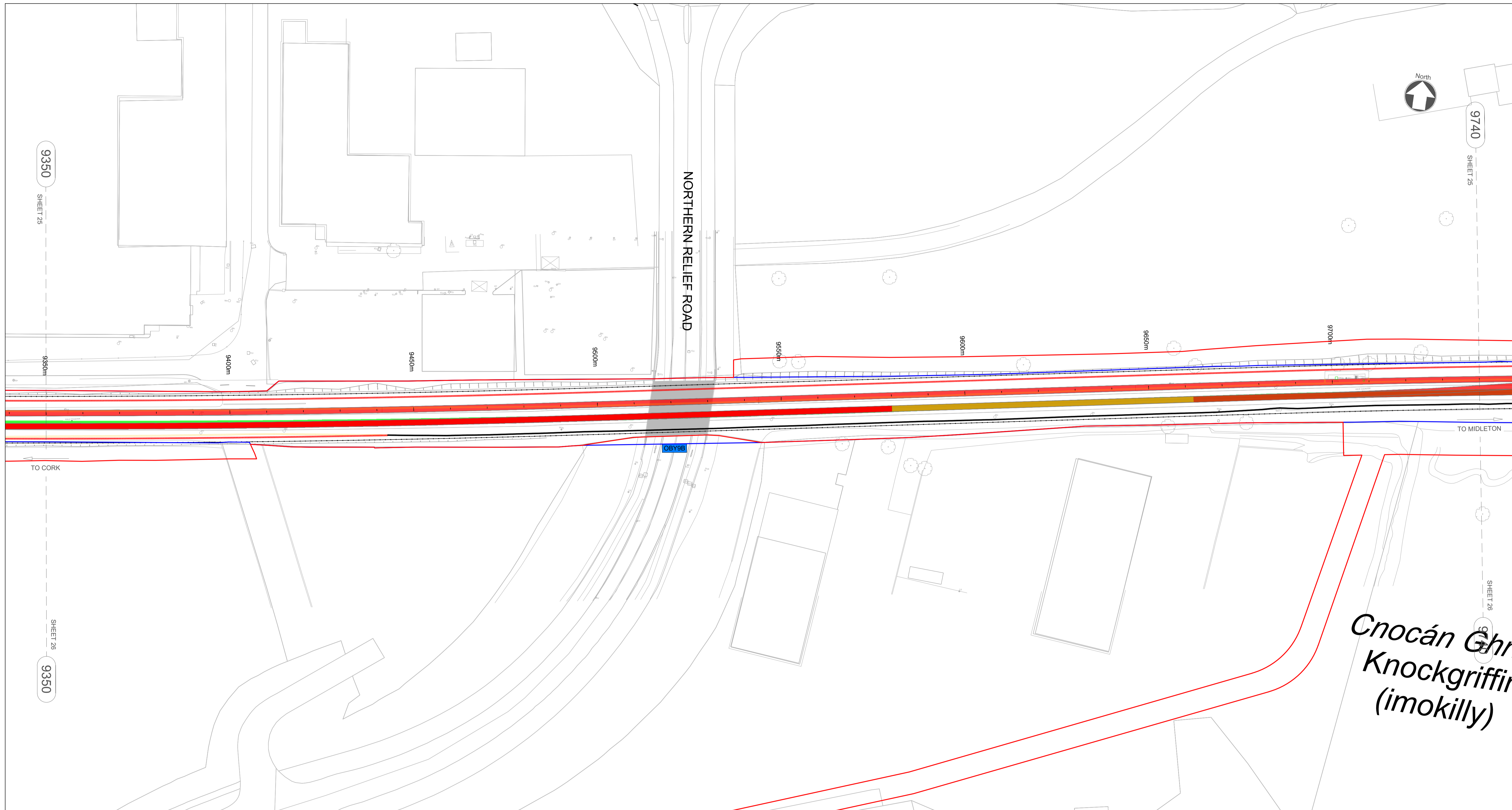
Drawing Title: CABLE WAYS LAYOUT CH8980 TO CH9350

Rev	Date	Drawn	Eng Check	Appr	Description
P01	13/06/22	IM	JM	JM	Preliminary Design for Public Consultation
P02	23/09/22	RO	NS	--	PHASE 3: PRELIMINARY DESIGN

Drawing File Name: C745-WP3\_03-XX-XX-XXX-DR-MMD-EE-0024

Sheet 24 of 28

Date	23/09/22	Designed	I.MANGOUROV	Drawn	R.OCONNOR	Dwg check	G.BERCOT	Eng check	N.SAMACHETTY				
Coordination	---	Approved	---	Scale @A1:	1:500	Scale @A3:	1:1000	Acceptance	S	Purpose	P1	Rev	P02



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CABLE WAYS LEGEND	
	EXISTING CABLE TROUGH TO BE RETAINED
	EXISTING CABLE TROUGH TO BE REMOVED
	PROPOSED CABLE TROUGH
	EXISTING CABLE DUCTS TO BE RETAINED
	EXISTING CABLE DUCTS TO BE REMOVED
	PROPOSED CABLE DUCTS
	EXISTING CABLE CHAMBERS TO BE RETAINED
	EXISTING CABLE CHAMBERS TO BE REMOVED
	PROPOSED CABLE CHAMBERS
	PROPOSED SIGNALLING AND OCS ZONE
	RUNNING LINES
	EXISTING TRACK SLUED OR MODIFIED
	SIDINGS
	PROPOSED TRACKWORK
	TRACKWORK TO BE REMOVED
	DEVELOPMENT BOUNDARY
	CIE LAND OWNERSHIP

STRUCTURES LEGEND	
	EXISTING OVERBRIDGE
	OVERBRIDGE TO BE DEMOLISHED
	EXISTING UNDERBRIDGE
	UNDERBRIDGE TO BE EXTENDED/WIDENED

Date	Designed	Drawn	Dwg check	Eng check	Description
23/09/22	I.MANGOUROV	R.OCONNOR	G.BERCOT	N.SAMACHETTY	

Rev	Date	Drawn	Eng Check	Appr	Description
P01	13/06/22	IM	JM	JM	Preliminary Design for Public Consultation
P02	23/09/22	RO	NS	--	PHASE 3: PRELIMINARY DESIGN

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**Client:** Iarnród Éireann-Irish Rail, Connolly Station, Amiens Street, Dublin 1, D01 V6V6

**Iarnród Éireann Irish Rail**

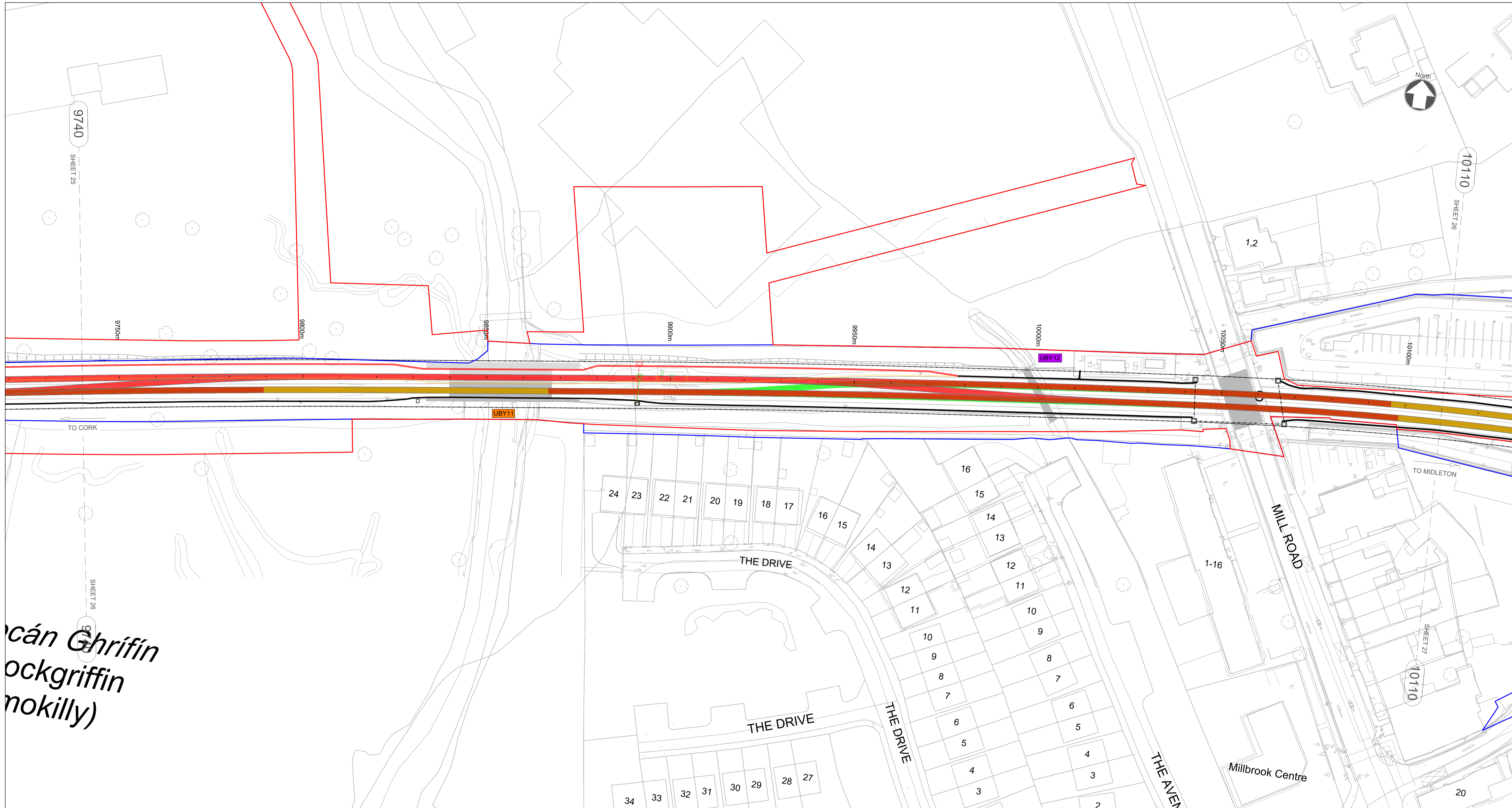
**Project Title:** CORK AREA COMMUTER RAIL GLOUNTHAUNE - MIDLETON TWIN TRACK

**Drawing Title:** CABLE WAYS LAYOUT CH9350 TO CH9740

**Drawing File Name:** C745-WP3\_03-XX-XX-XXX-DR-MMD-EE-0025

**Sheet:** 25 of 28

Coordination	Approved	Scale @A1: 1:500	Acceptance	Purpose	Rev
--	--	Scale @A3: 1:1000	S	P1	P02



McCán Ghrifín  
(Rockgriffin  
in Gortnokilly)

**NOTES**

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All Co-ordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSi active local GPS station.

**CABLE WAYS LEGEND**

- EXISTING CABLE TROUGH TO BE RETAINED
- EXISTING CABLE TROUGH TO BE REMOVED
- PROPOSED CABLE TROUGH
- EXISTING CABLE DUCTS TO BE RETAINED
- EXISTING CABLE DUCTS TO BE REMOVED
- PROPOSED CABLE DUCTS
- EXISTING CABLE CHAMBERS TO BE RETAINED
- EXISTING CABLE CHAMBERS TO BE REMOVED
- PROPOSED CABLE CHAMBERS
- PROPOSED SIGNALLING AND OCS ZONE
- RUNNING LINES
- EXISTING TRACK SLUED OR MODIFIED
- SIDINGS
- PROPOSED TRACKWORK
- TRACKWORK TO BE REMOVED
- DEVELOPMENT BOUNDARY
- CIE LAND OWNERSHIP

**STRUCTURES LEGEND**

- EXISTING OVERBRIDGE
- OVERBRIDGE TO BE DEMOLISHED
- EXISTING UNDERBRIDGE
- UNDERBRIDGE TO BE EXTENDED/WIDENED

Rev	Date	Drawn	Eng Check	Appr	Description
P01	13/06/22	IM	JM	JM	Preliminary Design for Public Consultation
P02	23/09/22	RO	NS	---	PHASE 3: PRELIMINARY DESIGN

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

Date	Designed	Drawn	Dwg check	Eng check
23/09/22	I.MANGOUROV	R.OCONNOR	G.BERCOT	N.SAMACHETTY

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Client: Iarnród Éireann-Irish Rail  
Connolly Station  
Amiens Street  
Dublin 1  
D01 V6V6

**Iarnród Éireann Irish Rail**

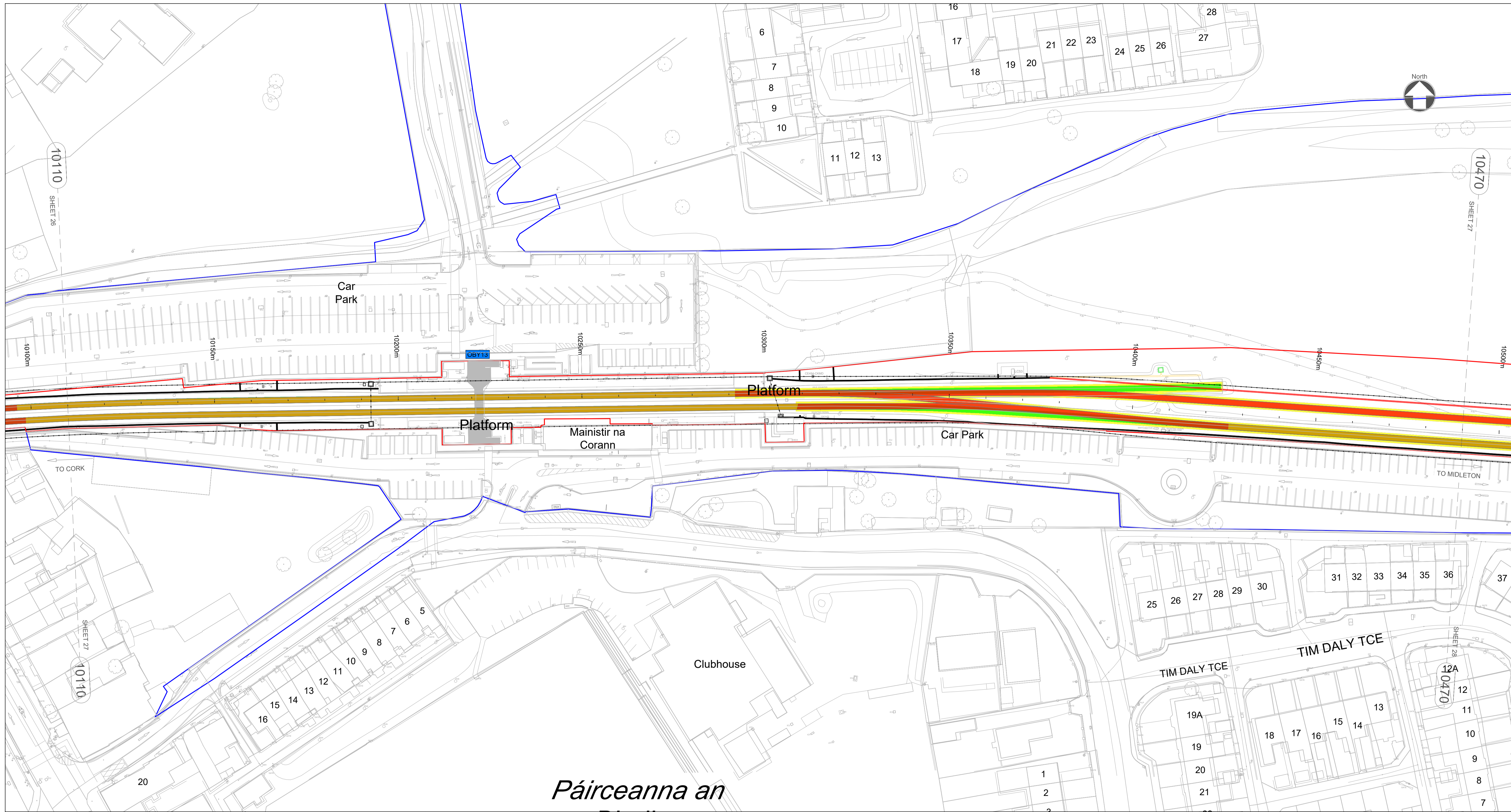
Project Title: CORK AREA COMMUTER RAIL  
GLOUNTHAUNE - MIDLETON TWIN TRACK

Drawing Title: CABLE WAYS LAYOUT  
CH9740 TO CH10110

Drawing File Name: C745-WP3\_03-XX-XX-XXX-DR-MMD-EE-0026

Sheet 26 of 28

Coordination	Approved	Scale @A1: 1:500	Acceptance	Purpose	Rev
---	---	Scale @A3: 1:1000	S	P1	P02



# Páirceanna an

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CABLE WAYS LEGEND	
	EXISTING CABLE TROUGH TO BE RETAINED
	EXISTING CABLE TROUGH TO BE REMOVED
	PROPOSED CABLE TROUGH
	EXISTING CABLE DUCTS TO BE RETAINED
	EXISTING CABLE DUCTS TO BE REMOVED
	PROPOSED CABLE DUCTS
	EXISTING CABLE CHAMBERS TO BE RETAINED
	EXISTING CABLE CHAMBERS TO BE REMOVED
	PROPOSED CABLE CHAMBERS
	PROPOSED SIGNALLING AND OCS ZONE
	RUNNING LINES
	EXISTING TRACK SLUED OR MODIFIED
	SIDINGS
	PROPOSED TRACKWORK
	TRACKWORK TO BE REMOVED
	DEVELOPMENT BOUNDARY
	CIE LAND OWNERSHIP

STRUCTURES LEGEND	
	EXISTING OVERBRIDGE
	OVERBRIDGE TO BE DEMOLISHED
	EXISTING UNDERBRIDGE
	UNDERBRIDGE TO BE EXTENDED/WIDENED

Date	Designed	Drawn	Dwg check	Eng check	Description
P01 13/06/22	IM JM JM				Preliminary Design for Public Consultation
P02 23/09/22	RO NS --				PHASE 3: PRELIMINARY DESIGN
Rev	Date	Drawn	Eng Check	Appr	Description

0 5.0 10.0 20.0 30.0 40.0 50.0m  
SCALE 1:500 @ A1; 1:1000 @ A3

Date	23/09/22	Designed	I.MANGOUROV	Drawn	R.OCONNOR	Dwg check	G.BERCOT	Eng check	N.SAMACHETTY
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D01 V6V6

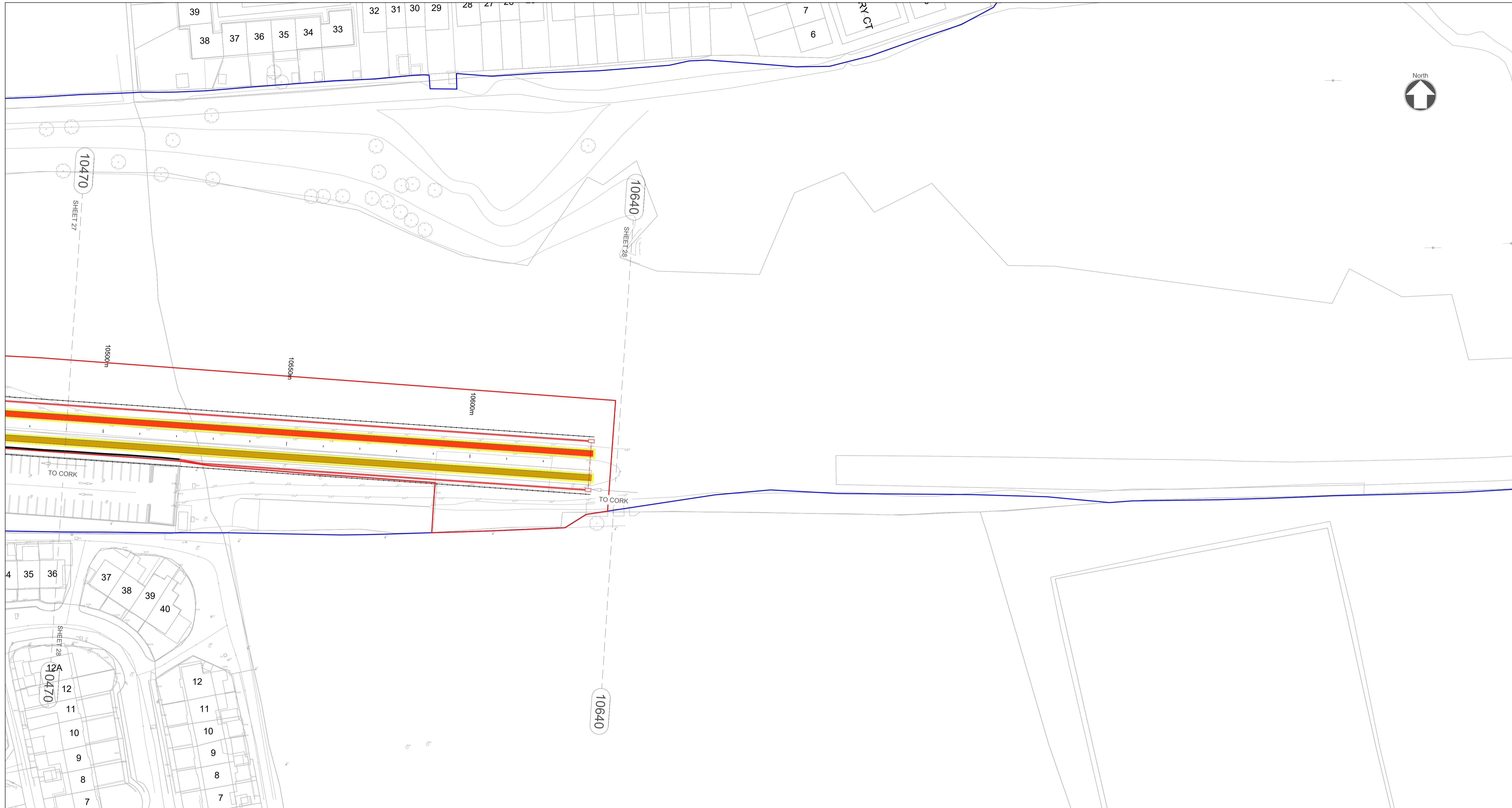
**Iarnród Éireann Irish Rail**

Project Title: CORK AREA COMMUTER RAIL  
GLOUNTHAUNE - MIDLETON TWIN TRACK

Drawing Title: CABLE WAYS LAYOUT  
CH10110 TO CH10470

Drawing File Name: C745-WP3\_03-XX-XX-XXX-DR-MMD-EE-0027  
Sheet 27 of 28

Coordination	Approved	Scale @A1: 1:500 Scale @A3: 1:1000	Acceptance	Purpose	Rev
--	--		S	P1	P02



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**CABLE WAYS LEGEND**

- EXISTING CABLE TROUGH TO BE RETAINED
- EXISTING CABLE TROUGH TO BE REMOVED
- PROPOSED CABLE TROUGH
- EXISTING CABLE DUCTS TO BE RETAINED
- EXISTING CABLE DUCTS TO BE REMOVED
- PROPOSED CABLE DUCTS
- EXISTING CABLE CHAMBERS TO BE RETAINED
- EXISTING CABLE CHAMBERS TO BE REMOVED
- PROPOSED CABLE CHAMBERS
- PROPOSED SIGNALLING AND OCS ZONE
- RUNNING LINES
- EXISTING TRACK SLUED OR MODIFIED
- SIDINGS
- PROPOSED TRACKWORK
- TRACKWORK TO BE REMOVED
- DEVELOPMENT BOUNDARY
- CIE LAND OWNERSHIP

**STRUCTURES LEGEND**

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- OVERBRIDGE TO BE DEMOLISHED
- EXISTING UNDERBRIDGE
- UNDERBRIDGE TO BE EXTENDED/WIDENED

Scale: 0 5.0 10.0 20.0 30.0 40.0 50.0m  
SCALE 1:500 @ A1; 1:1000 @ A3

Rev	Date	Drawn	Eng Check	Appr	Description
P01	13/06/22	IM	JM	JM	Preliminary Design for Public Consultation
P02	23/09/22	RO	NS	---	PHASE 3: PRELIMINARY DESIGN

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**Client:** Iarnród Éireann-Irish Rail, Connolly Station, Arniens Street, Dublin 1, D01 V6V6

**Project Title:** CORK AREA COMMUTER RAIL GLOUNTHAUNE - MIDDLETON TWIN TRACK

**Drawing Title:** CABLE WAYS LAYOUT CH10470 TO CH10640

**Drawing File Name:** C745-WP3\_03-XX-XX-XXX-DR-MMD-EE-0028

**Sheet:** 28 of 28

Date	23/09/22	Designed	I.MANGOUROV	Drawn	R.OCONNOR	Dwg check	G.BERCOT	Eng check	N.SAMACHETTY
Coordination	---	Approved	---	Scale @A1:	1:500	Acceptance	S	Purpose	P1
				Scale @A3:	1:1000			Rev	P02