

# PERMANENT WAY PLANS

## DRAWING NUMBER

## DRAWING TITLE

C745-WP3_04-XX-XX-XXX-DR-MMD-PW-1000	GENERAL ARRANGEMENT PERMANENT WAY.TITLE SHEET AND KEY PLAN
C745-WP3_04-XX-XX-XXX-DR-MMD-PW-1001	GENERAL ARRANGEMENT PERMANENT WAY.Ch380 to Ch660
C745-WP3_04-XX-XX-XXX-DR-MMD-PW-1002	GENERAL ARRANGEMENT PERMANENT WAY.Ch660 to Ch1030
C745-WP3_04-XX-XX-XXX-DR-MMD-PW-1003	GENERAL ARRANGEMENT PERMANENT WAY.Ch1030 to Ch1400
C745-WP3_04-XX-XX-XXX-DR-MMD-PW-1004	GENERAL ARRANGEMENT PERMANENT WAY.Ch1400 to Ch1780
C745-WP3_04-XX-XX-XXX-DR-MMD-PW-1005	GENERAL ARRANGEMENT PERMANENT WAY.Ch1780 to Ch2150
C745-WP3_04-XX-XX-XXX-DR-MMD-PW-1006	GENERAL ARRANGEMENT PERMANENT WAY.Ch2150 to Ch2520
C745-WP3_04-XX-XX-XXX-DR-MMD-PW-1007	GENERAL ARRANGEMENT PERMANENT WAY.Ch2520 to Ch2900
C745-WP3_04-XX-XX-XXX-DR-MMD-PW-1008	GENERAL ARRANGEMENT PERMANENT WAY.Ch2900 to Ch3280
C745-WP3_04-XX-XX-XXX-DR-MMD-PW-1009	GENERAL ARRANGEMENT PERMANENT WAY.Ch3280 to Ch3660
C745-WP3_04-XX-XX-XXX-DR-MMD-PW-1010	GENERAL ARRANGEMENT PERMANENT WAY.Ch3660 to Ch4040
C745-WP3_04-XX-XX-XXX-DR-MMD-PW-1011	GENERAL ARRANGEMENT PERMANENT WAY.Ch4040 to Ch4420
C745-WP3_04-XX-XX-XXX-DR-MMD-PW-1012	GENERAL ARRANGEMENT PERMANENT WAY.Ch4420 to Ch4800
C745-WP3_04-XX-XX-XXX-DR-MMD-PW-1013	GENERAL ARRANGEMENT PERMANENT WAY.Ch4800 to Ch5180
C745-WP3_04-XX-XX-XXX-DR-MMD-PW-1014	GENERAL ARRANGEMENT PERMANENT WAY.Ch5180 to Ch5560
C745-WP3_04-XX-XX-XXX-DR-MMD-PW-1015	GENERAL ARRANGEMENT PERMANENT WAY.Ch5560 to Ch5940
C745-WP3_04-XX-XX-XXX-DR-MMD-PW-1016	GENERAL ARRANGEMENT PERMANENT WAY.Ch5940 to Ch6320
C745-WP3_04-XX-XX-XXX-DR-MMD-PW-1017	GENERAL ARRANGEMENT PERMANENT WAY.Ch6320 to Ch6700
C745-WP3_04-XX-XX-XXX-DR-MMD-PW-1018	GENERAL ARRANGEMENT PERMANENT WAY.Ch6700 to Ch7080
C745-WP3_04-XX-XX-XXX-DR-MMD-PW-1019	GENERAL ARRANGEMENT PERMANENT WAY.Ch7080 to Ch7460
C745-WP3_04-XX-XX-XXX-DR-MMD-PW-1020	GENERAL ARRANGEMENT PERMANENT WAY.Ch7460 to Ch7840
C745-WP3_04-XX-XX-XXX-DR-MMD-PW-1021	GENERAL ARRANGEMENT PERMANENT WAY.Ch7840 to Ch8220
C745-WP3_04-XX-XX-XXX-DR-MMD-PW-1022	GENERAL ARRANGEMENT PERMANENT WAY.Ch8220 to Ch8600
C745-WP3_04-XX-XX-XXX-DR-MMD-PW-1023	GENERAL ARRANGEMENT PERMANENT WAY.Ch8600 to Ch8980
C745-WP3_04-XX-XX-XXX-DR-MMD-PW-1024	GENERAL ARRANGEMENT PERMANENT WAY.Ch8980 to Ch9360
C745-WP3_04-XX-XX-XXX-DR-MMD-PW-1025	GENERAL ARRANGEMENT PERMANENT WAY.Ch9360 to Ch9740
C745-WP3_04-XX-XX-XXX-DR-MMD-PW-1026	GENERAL ARRANGEMENT PERMANENT WAY.Ch9740 to Ch10120
C745-WP3_04-XX-XX-XXX-DR-MMD-PW-1027	GENERAL ARRANGEMENT PERMANENT WAY.Ch10120 to Ch10500
C745-WP3_04-XX-XX-XXX-DR-MMD-PW-1028	GENERAL ARRANGEMENT PERMANENT WAY.Ch10500 to Ch10630

## DRAWING NUMBER

## DRAWING TITLE

C745-WP3_04-XX-XX-XXX-DR-MMD-PW-2201	SITE COMPOUND GENERAL ARRANGEMENT CH1190 to CH1300
C745-WP3_04-XX-XX-XXX-DR-MMD-PW-2202	SITE COMPOUND GENERAL ARRANGEMENT CH2220 to CH2385
C745-WP3_04-XX-XX-XXX-DR-MMD-PW-2203	SITE COMPOUND GENERAL ARRANGEMENT CH6170 to CH6320
C745-WP3_04-XX-XX-XXX-DR-MMD-PW-2204	SITE COMPOUND GENERAL ARRANGEMENT CH9800 to CH9840
C745-WP3_04-XX-XX-XXX-DR-MMD-PW-2205	SITE COMPOUND GENERAL ARRANGEMENT CH9875 to CH9930
C745-WP3_04-XX-XX-XXX-DR-MMD-PW-2301	GENERAL ARRANGEMENT CLOSURE OF DECOMMISSIONED LEVEL CROSSING AT CH.8980
C745-WP3_04-XX-XX-XXX-DR-MMD-PW-2302	GENERAL ARRANGEMENT LEVEL CROSSING AT CH.8590



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Government of Ireland

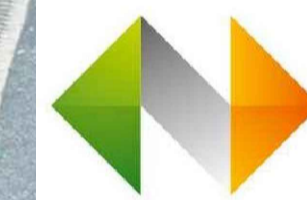
Tionscadal Éireann  
Project Ireland  
**2040**



Údarás Náisiúnta Iompair  
National Transport Authority



Maoinithe ag an Aontas Eorpach  
Funded by the European Union  
NextGenerationEU



Iarnród Éireann  
Irish Rail



# GLOUNTHAUNE - MIDLETON TWIN TRACK

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National Transport Authority.

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Client Iarnród Éireann-Irish Rail  
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D01 V8V6

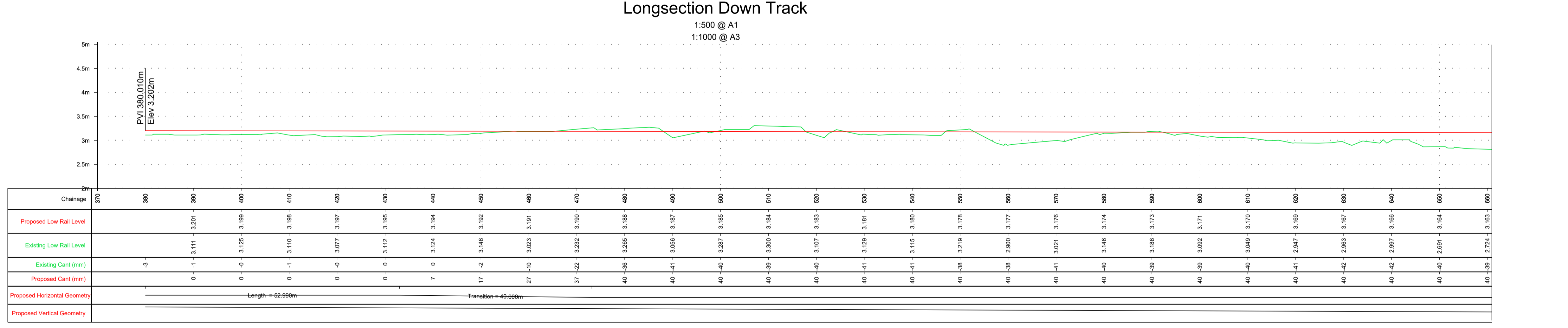
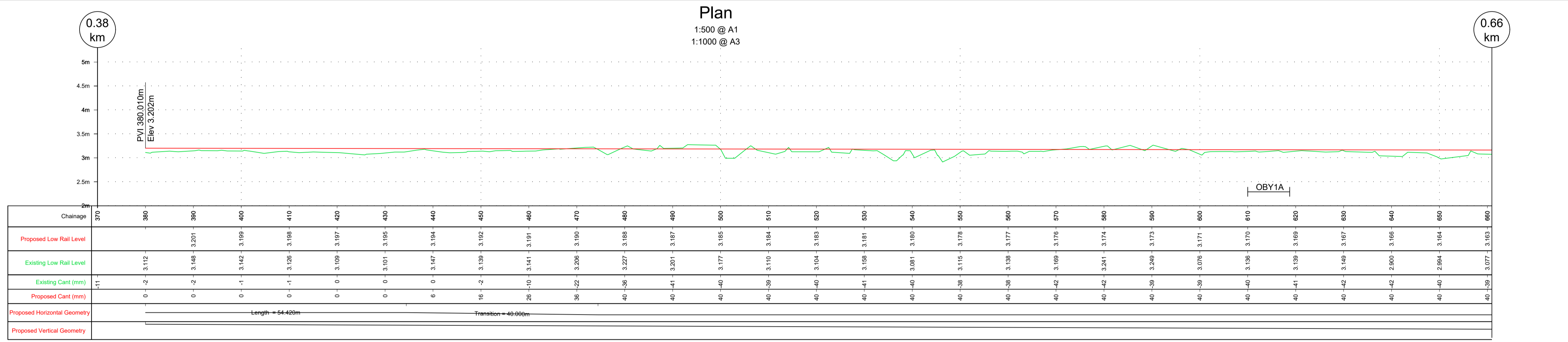
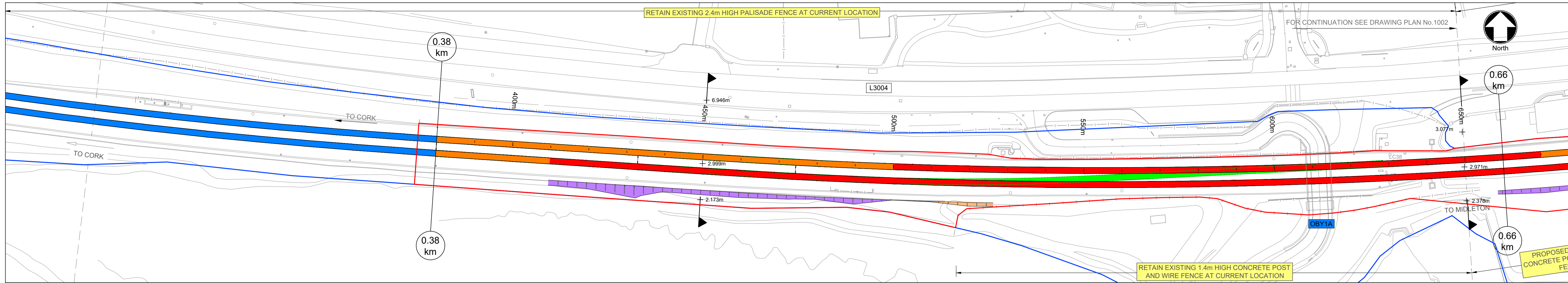


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P01	22/09/22	RO	NS	JM	PLANNING ISSUE
P02	27/10/22	RO	NS	JM	PLANNING ISSUE
Rev	Date	Drawn	Eng Check	Appr	Description
	27/10/22	I.Mangourov		R.OCONNOR	
			Dwg check		I.MANGOUROV
			Eng check		N.SAMACHETTY

Project Title		CORK AREA COMMUTER RAIL GLOUNTHAUNE - MIDLETON TWIN TRACK	
Drawing Title		PERMANENT WAY ALIGNMENTS AND PROFILES TITLE SHEET AND KEY PLAN	
Drawing File Name	C745-WP3_04-XX-XX-XXX-DR-MMD-PW-1000	Sheet	1 of 1
Coordination	N.SAMACHETTY	Approved	J.MCINERNEY
Scale @A1: NTS	Scale @A3: NTS	Acceptance	S
Purpose	P3	Rev	P02





**Longsection Up Track**  
1:500 @ A1, 1:1000 @ A3

**Section @ Ch 450**  
1:200 @ A1,  
1:400 @ A3

**Section @ Ch 650**  
1:200 @ A1,  
1:400 @ A3

**LEGEND**

- DEVELOPMENT BOUNDARY
- CIE LAND OWNERSHIP
- EXISTING FENCING
- TOP OF EMBANKMENT
- TOP OF EXISTING WALL
- PROPOSED EMBANKMENT IN CUT
- PROPOSED EMBANKMENT IN FILL
- PROPOSED GABION WALL
- PROPOSED SHEET PILE WALL
- PROPOSED CULVERT / BRIDGE EXTENDED/WIDENED
- EXISTING STRUCTURE TO BE DEMOLISHED
- EXISTING OVERBRIDGE
- EXISTING OVERBRIDGE TO BE DEMOLISHED
- EXISTING UNDERBRIDGE
- EXISTING UNDERBRIDGE TO BE EXTENDED/WIDENED
- EXISTING RUNNING LINES
- EXISTING TRACK SLUED OR MODIFIED
- SIDINGS
- PROPOSED TRACKWORK
- EXISTING TRACKWORK TO BE REMOVED

**NOTES:**

- THIS PLAN MUST BE READ IN CONJUNCTION WITH THE DRAFT RAILWAY ORDER SCHEDULES, THE ENVIRONMENTAL IMPACT ASSESSMENT REPORT AND THE WORKS LAYOUT PLANS.
- PROJECT CHAINAGE IS IN METRES (m).
- LONGITUDINAL VERTICAL ALIGNMENT MARKERS IN KILOMETRES (km)
- C.I.E LAND OWNERSHIP BOUNDARY IS VISIBLE IN AREAS WHERE ADDITIONAL LAND WILL BE ACQUIRED AS PART OF THE RO APPLICATION
- DEVELOPMENT BOUNDARY CONSISTS OF LAND CURRENTLY IN THE OWNERSHIP OF C.I.E., PERMANENT LANDTAKE & TEMPORARY LANDTAKE.

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

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

**Drawing Title** PERMANENT WAY. ALIGNMENT AND PROFILES  
CH380 TO CH660

**Project File Name** C745-WP3 04-XX-XX-XXX-DR-MMD-PW-1001

**Sheet** 1 of 28

Date	Designed	Drawn	Dwg check	Eng check
22/09/22	D. ALDERSON	R. O'CONNOR	K. STEPHENS	N. SAMACHETTY

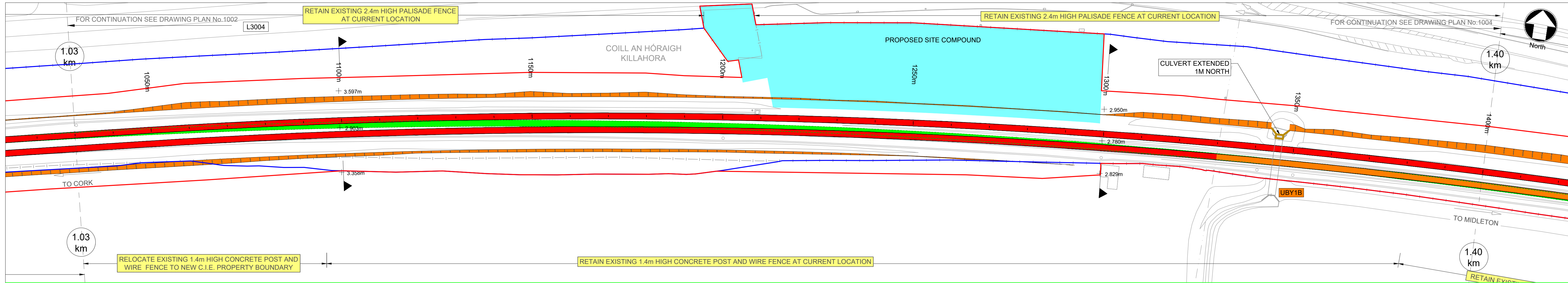
Rev	Date	Drawn	Eng Check	Appr	Description
P01	22/09/22	RO	NS	JM	PLANNING ISSUE

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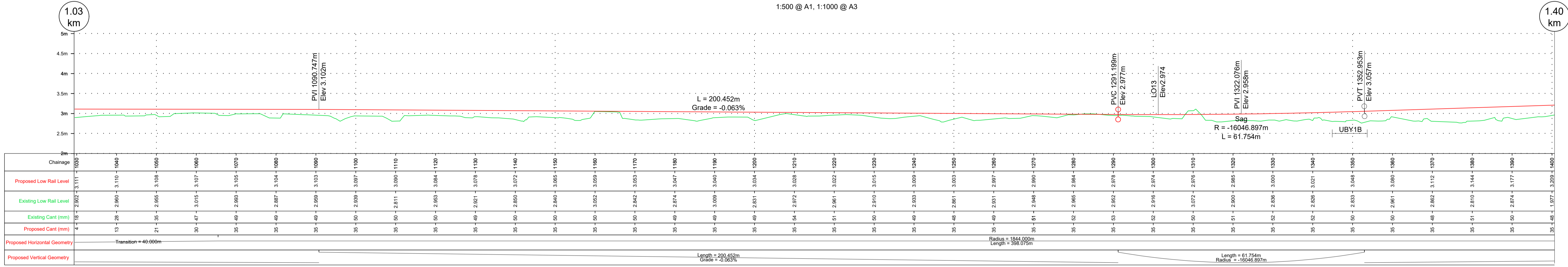




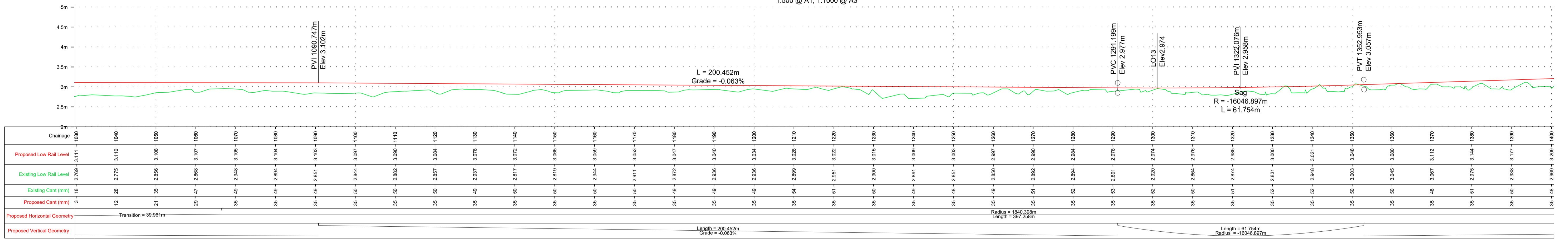




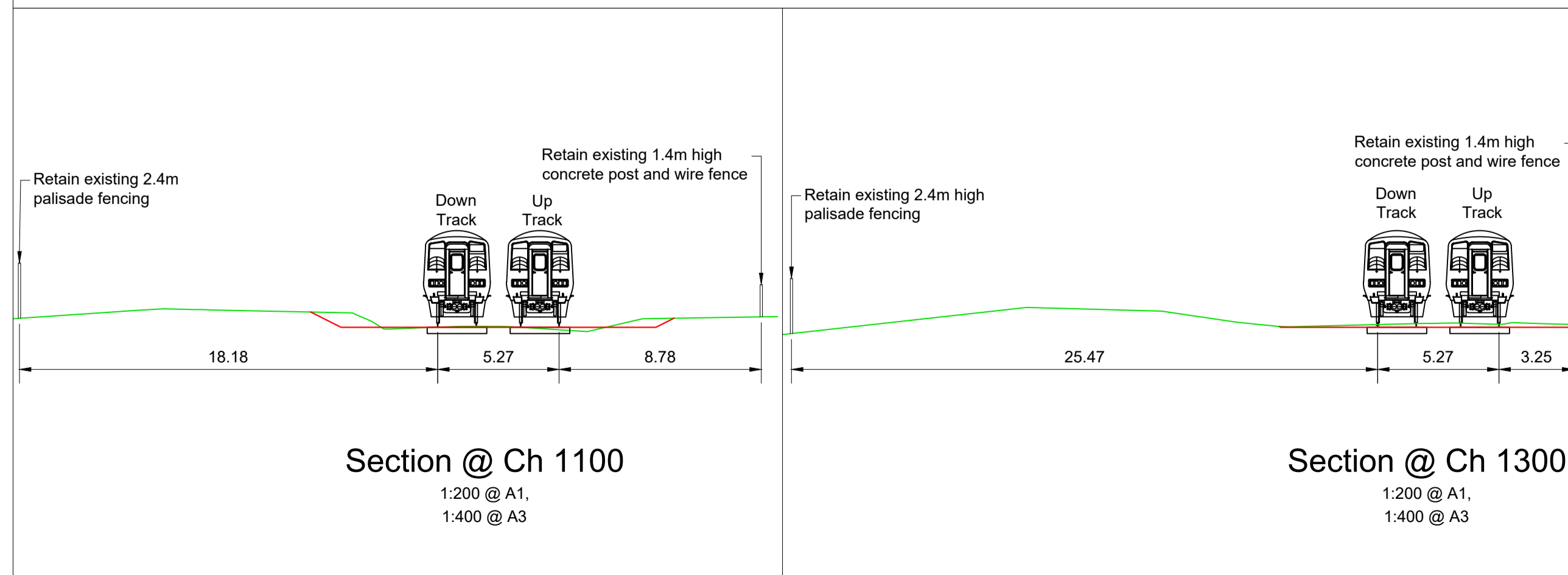
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1:500 @ A1, 1:1000 @ A3



Longsection Down Track  
1:500 @ A1, 1:1000 @ A3



Longsection Up Track  
1:500 @ A1, 1:1000 @ A3



**LEGEND**

- DEVELOPMENT BOUNDARY
- CIE LAND OWNERSHIP
- EXISTING FENCING
- PROPOSED EMBANKMENT IN CUT
- PROPOSED EMBANKMENT IN FILL
- PROPOSED GABION WALL
- PROPOSED SHEET PILE WALL
- PROPOSED CULVERT / BRIDGE EXTENDED/WIDENED
- EXISTING STRUCTURE TO BE DEMOLISHED
- EXISTING OVERBRIDGE
- EXISTING OVERBRIDGE TO BE DEMOLISHED
- EXISTING UNDERBRIDGE
- EXISTING UNDERBRIDGE TO BE EXTENDED/WIDENED
- EXISTING RUNNING LINES
- EXISTING TRACK SLUED OR MODIFIED
- SIDINGS
- PROPOSED TRACKWORK
- EXISTING TRACKWORK TO BE REMOVED

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

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**Iarnród Éireann Irish Rail**

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

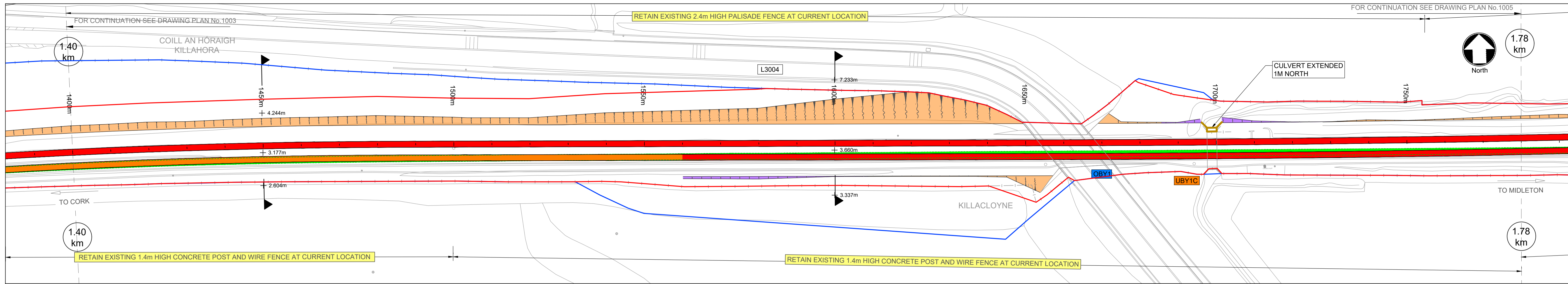
Drawing Title: PERMANENT WAY, ALIGNMENT AND PROFILES CH1030 TO CH1400

Drawing File Name: C745-WP3\_04-XX-XX-XXX-DR-MMD-PW-1003

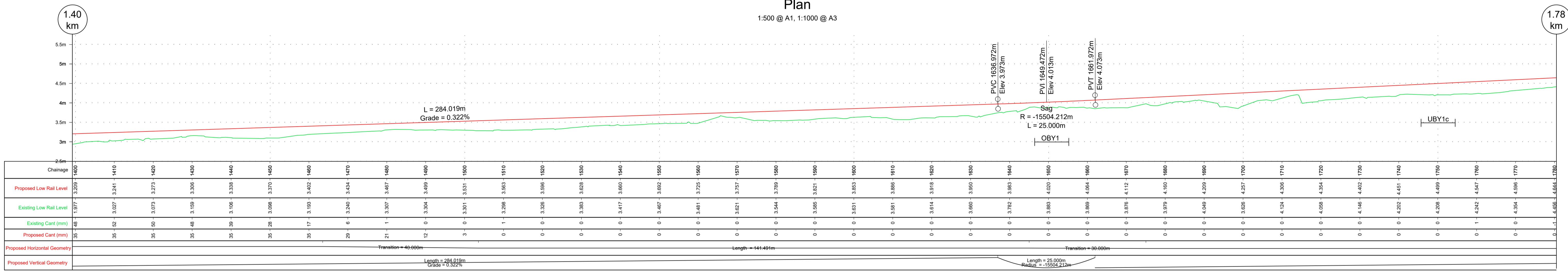
Sheet 3 of 28

Date: 23/09/22	Designed: D. ALDERSON	Drawn: R. O'CONNOR	Dwg check: K. STEPHENS	Eng check: N. SAMACHETTY
Rev: P01	Date: 23/09/22	Drawn: NS	Appr: JM	Description: PLANNING ISSUE

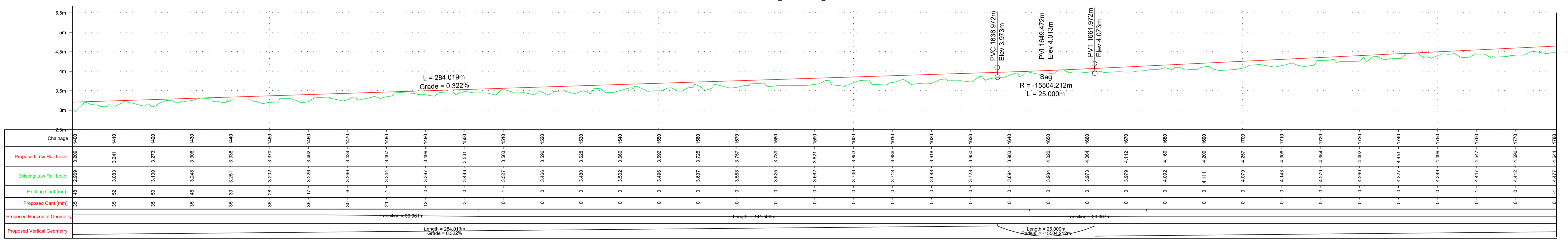




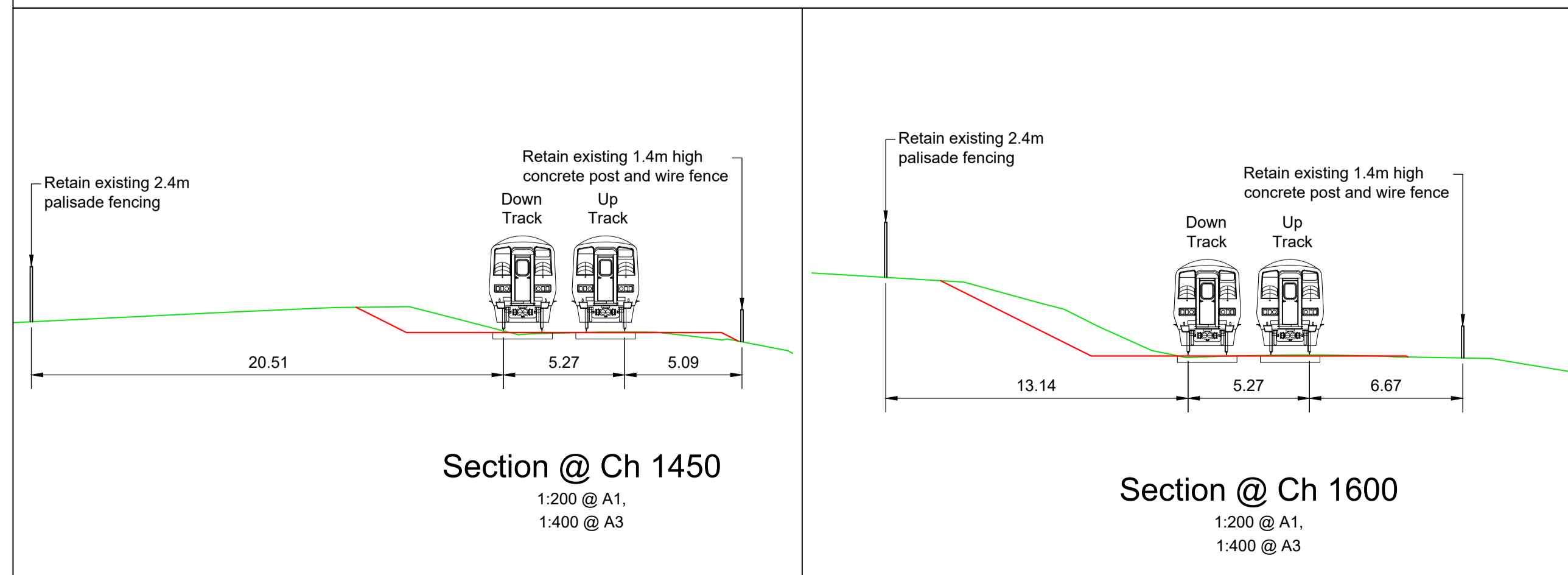
Plan  
1:500 @ A1, 1:1000 @ A3



Longsection Down Track  
1:500 @ A1, 1:1000 @ A3



Longsection Up Track  
1:500 @ A1, 1:1000 @ A3



Section @ Ch 1450  
1:200 @ A1,  
1:400 @ A3

Section @ Ch 1600  
1:200 @ A1,  
1:400 @ A3

**LEGEND**

- DEVELOPMENT BOUNDARY
- CIE LAND OWNERSHIP
- EXISTING FENCING
- PROPOSED EMBANKMENT IN CUT
- PROPOSED EMBANKMENT IN FILL
- PROPOSED GABION WALL
- PROPOSED SHEET PILE WALL
- PROPOSED CULVERT / BRIDGE EXTENDED/WIDENED
- EXISTING STRUCTURE TO BE DEMOLISHED
- EXISTING OVERBRIDGE
- EXISTING OVERBRIDGE TO BE DEMOLISHED
- EXISTING UNDERBRIDGE
- EXISTING UNDERBRIDGE TO BE EXTENDED/WIDENED
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SCALE 1:500 @ A1; 1:1000 @ A3

Rev	Date	Drawn	Eng Check	Appr	Description
P01	22/09/22	RO	NS	JM	PLANNING ISSUE
		D. ALDERSON		R. O'CONNOR	
					Dwg check K. STEPHENS
					Eng check N. SAMACHETTY

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D01 V6V6

**Iarnród Éireann Irish Rail**

**CIE**

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

Drawing Title: PERMANENT WAY, ALIGNMENT AND PROFILES  
CH1400 TO CH1780

Drawing File Name: C745-WP3 04-XX-XX-XXX-DR-MMD-PW-1004

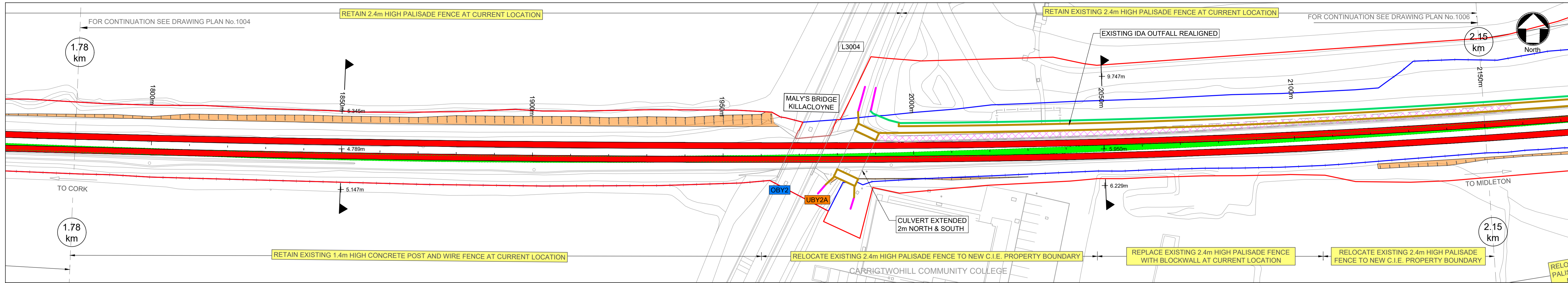
Sheet 4 of 28

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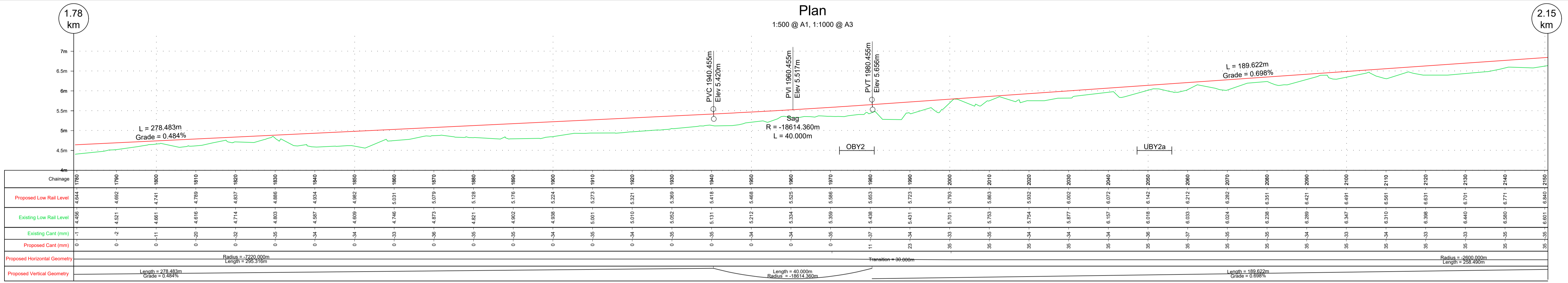
Acceptance S

Rev P1

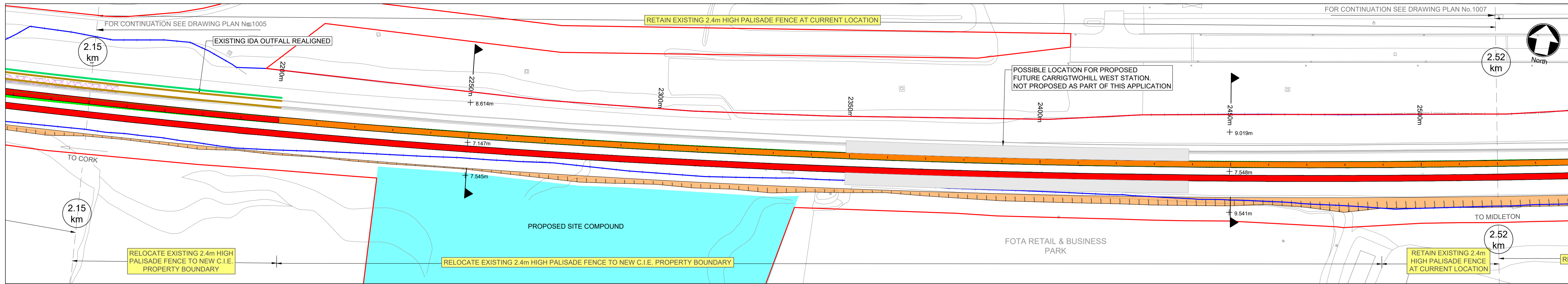




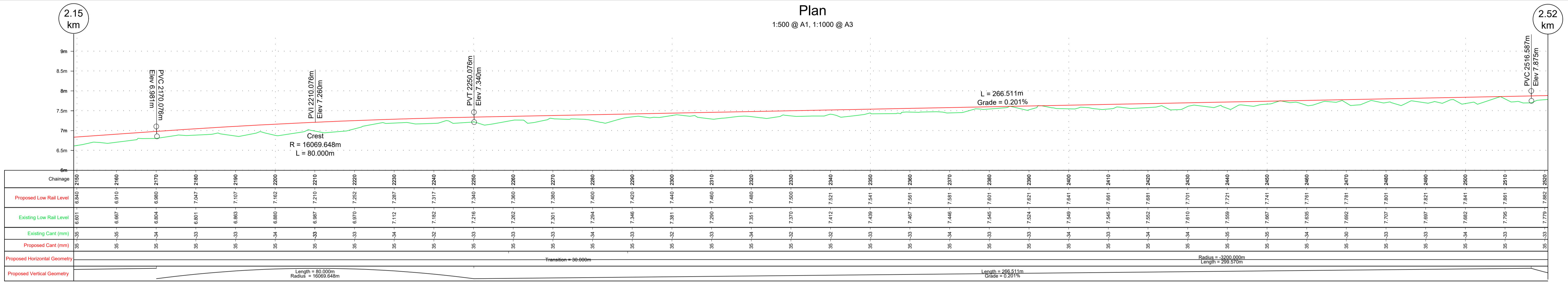
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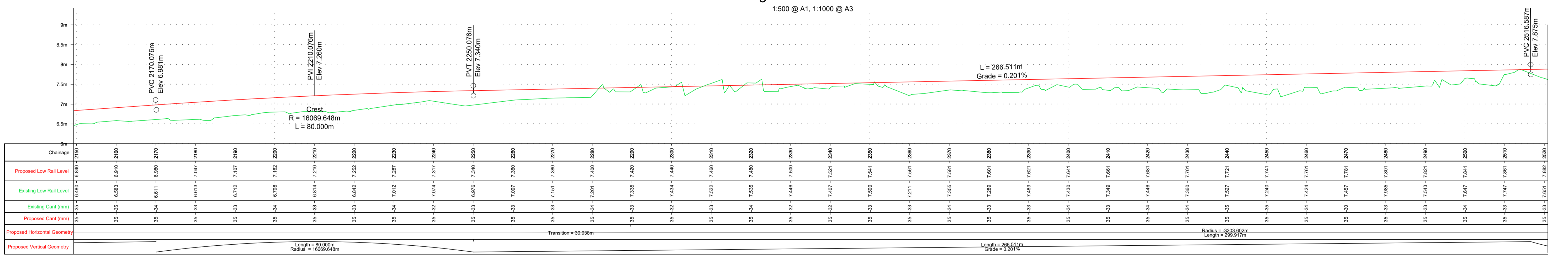




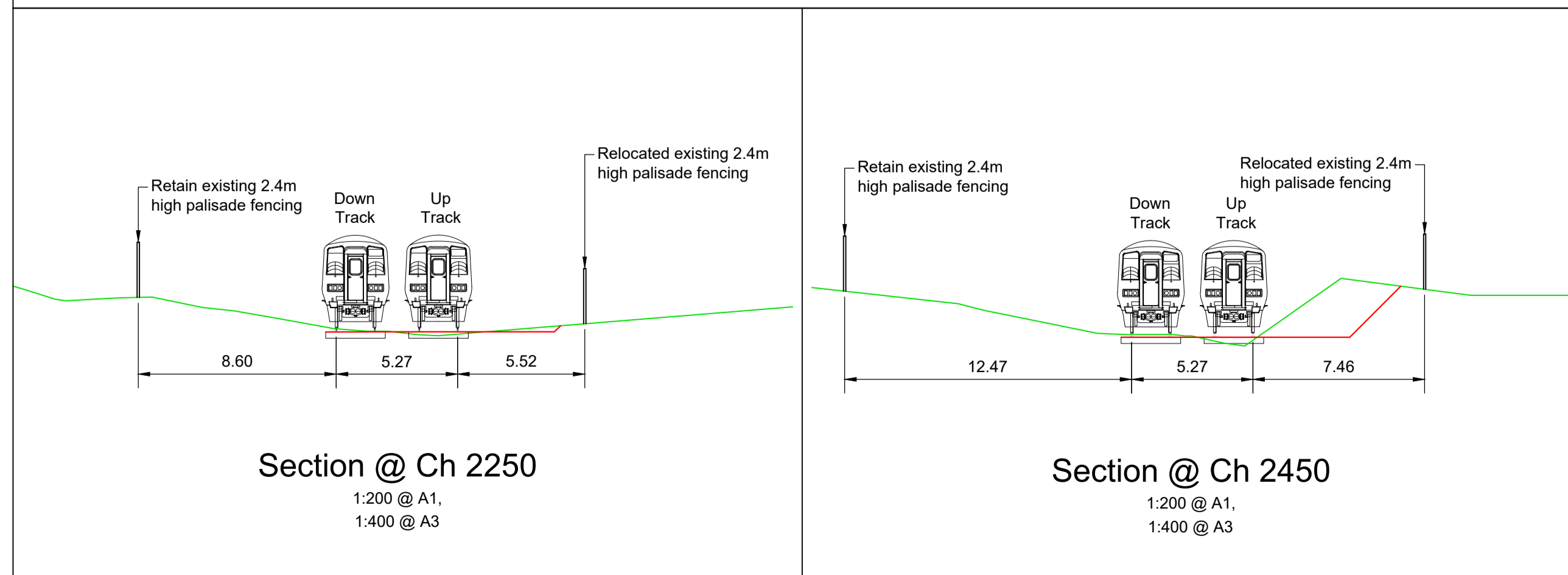
Plan  
1:500 @ A1, 1:1000 @ A3



Longsection Down Track  
1:500 @ A1, 1:1000 @ A3



Longsection Up Track  
1:500 @ A1, 1:1000 @ A3



Section @ Ch 2250  
1:200 @ A1,  
1:400 @ A3

Section @ Ch 2450  
1:200 @ A1,  
1:400 @ A3

**LEGEND**

- DEVELOPMENT BOUNDARY
- CIE LAND OWNERSHIP
- EXISTING FENCING
- PROPOSED EMBANKMENT IN CUT
- PROPOSED EMBANKMENT IN FILL
- PROPOSED GABION WALL
- PROPOSED SHEET PILE WALL
- PROPOSED CULVERT / BRIDGE EXTENDED/WIDENED
- EXISTING STRUCTURE TO BE DEMOLISHED
- EXISTING OVERBRIDGE
- EXISTING OVERBRIDGE TO BE DEMOLISHED
- EXISTING UNDERBRIDGE
- EXISTING UNDERBRIDGE TO BE EXTENDED/WIDENED
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SCALE 1:500 @ A1; 1:1000 @ A3

Rev	Date	Drawn	Eng Check	Appr	Description
P01	23/09/22	RO	NS	JM	PLANNING ISSUE

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D01 V6V6

**Iarnród Éireann Irish Rail**

**CIE**

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

Drawing Title: PERMANENT WAY, ALIGNMENT AND PROFILES  
CH2150 TO CH2520

Drawing File Name: C745-WP3 04-XX-XX-XXX-DR-MMD-PW-1006  
Sheet 6 of 28

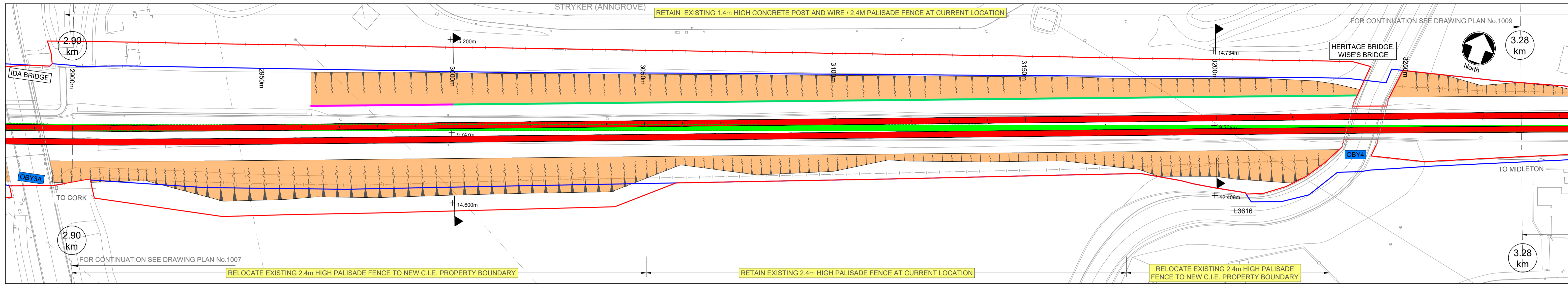
Date: 23/09/22  
Designed: D. ALDERSON  
Drawn: R. O'CONNOR  
Dwg check: K. STEPHENS  
Eng check: N. SAMACHETTY

Scale @A1: AS SHOWN  
Scale @A3: AS SHOWN  
Acceptance: S  
Purpose: P1  
Rev: P01

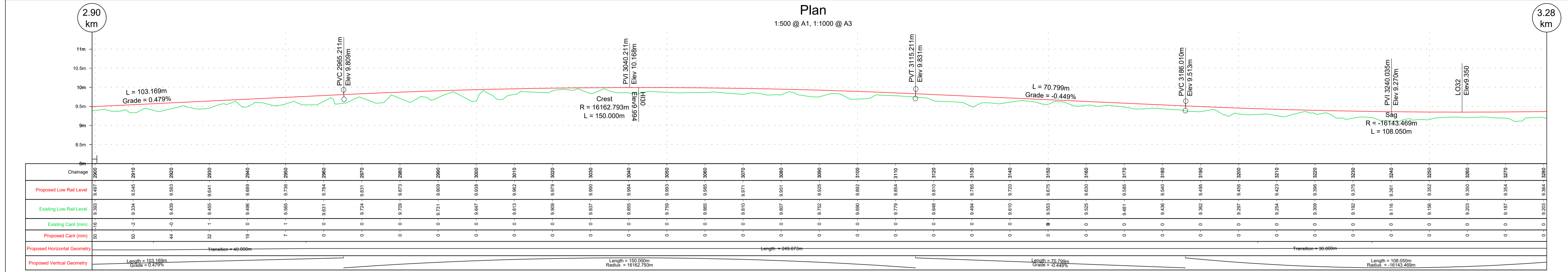




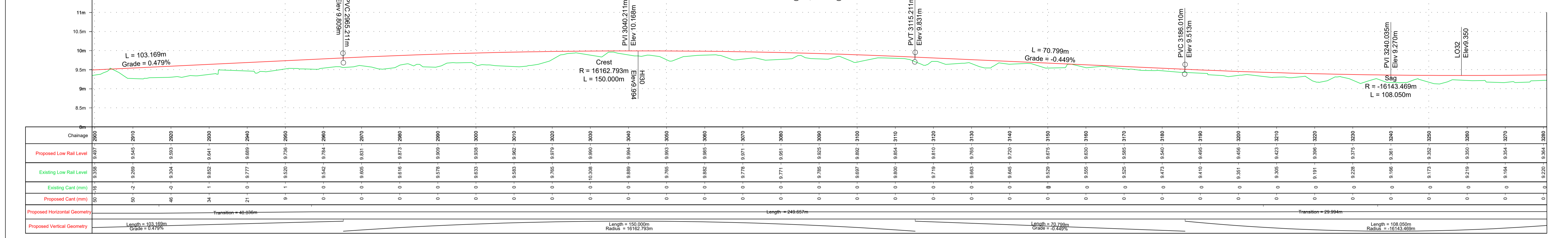




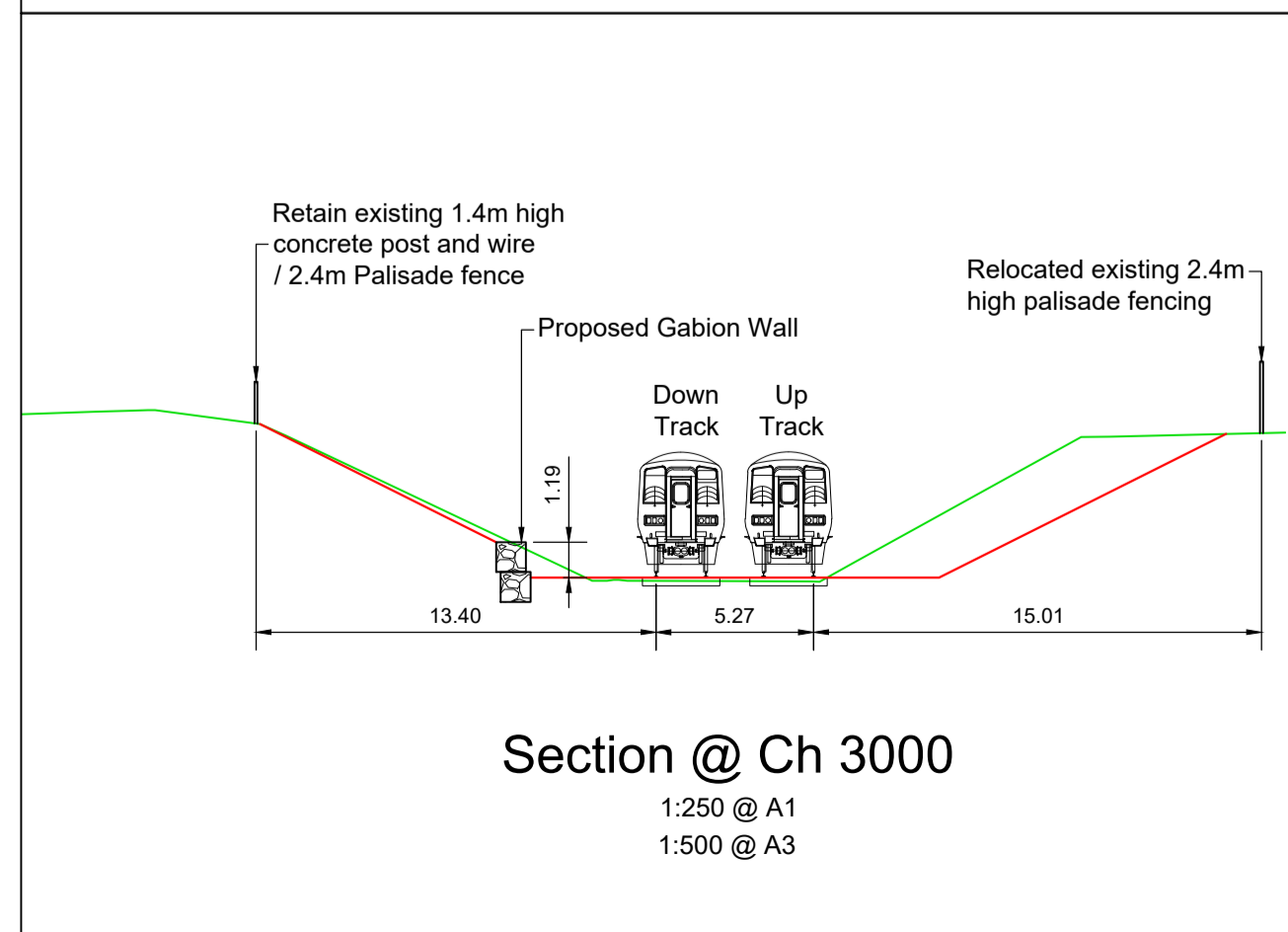
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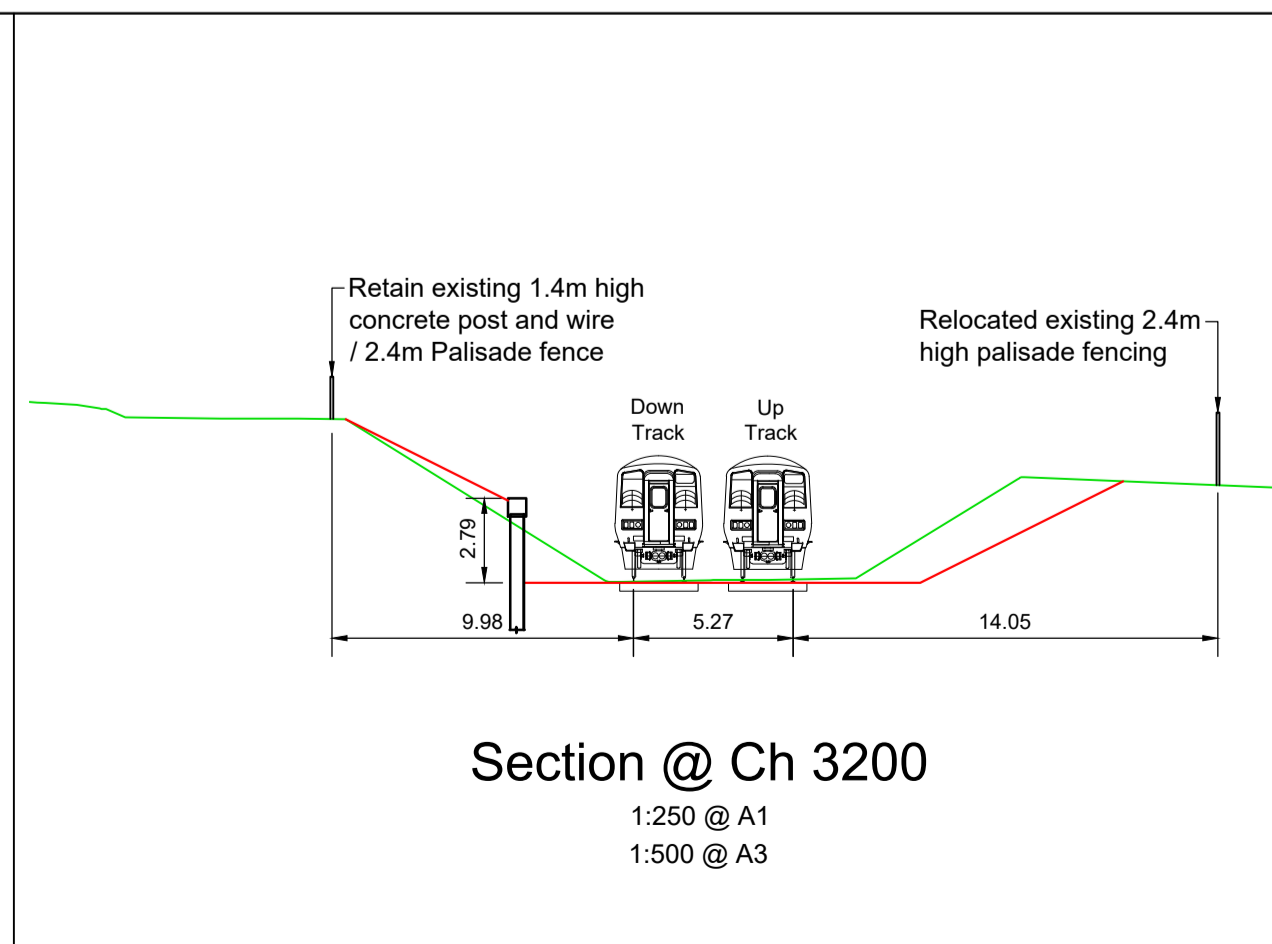
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Longsection Up Track  
1:500 @ A1, 1:1000 @ A3



Section @ Ch 3000  
1:250 @ A1  
1:500 @ A3



Section @ Ch 3200  
1:250 @ A1  
1:500 @ A3

**LEGEND**

- DEVELOPMENT BOUNDARY
- CIE LAND OWNERSHIP
- EXISTING FENCING
- PROPOSED EMBANKMENT IN CUT
- PROPOSED EMBANKMENT IN FILL
- PROPOSED GABION WALL
- PROPOSED SHEET PILE WALL
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- EXISTING TRACKWORK TO BE REMOVED

**NOTES:**

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- DEVELOPMENT BOUNDARY CONSISTS OF LAND CURRENTLY IN THE OWNERSHIP OF C.I.E., PERMANENT LANDTAKE & TEMPORARY LANDTAKE.

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

Rev	Date	Drawn	Eng Check	Appr	Description
P01	22/09/22	RO	NS	JM	PLANNING ISSUE
		D. ALDERSON		R. O'CONNOR	
					Dwg check K. STEPHENS
					Eng check N. SAMACHETTY

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Connolly Station  
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Dublin 1  
D01 V6V6

**Iarnród Éireann Irish Rail**

**CIE**

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

Drawing Title: PERMANENT WAY, ALIGNMENT AND PROFILES  
CH2900 TO CH3280

Drawing File Name: C745-WP3 04-XX-XX-XXX-DR-MMD-PW-1008

Sheet 8 of 28

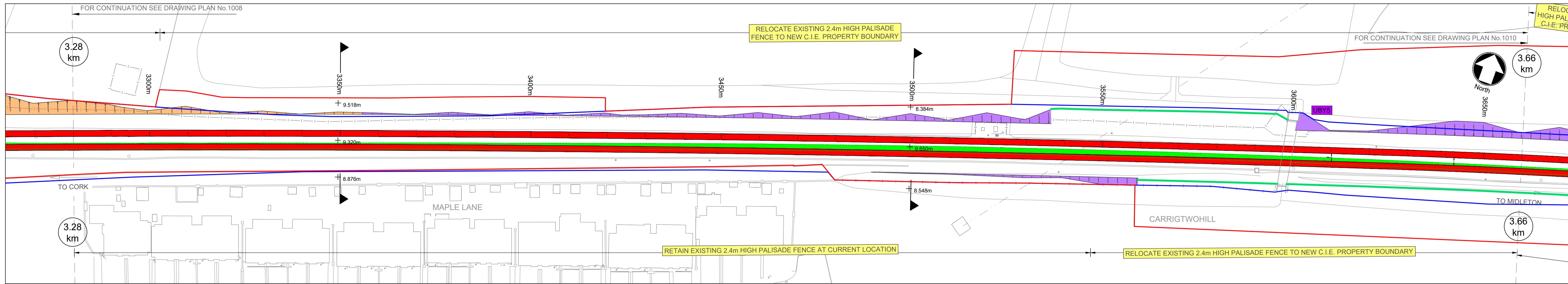
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Scale @A3: AS SHOWN

Acceptance S

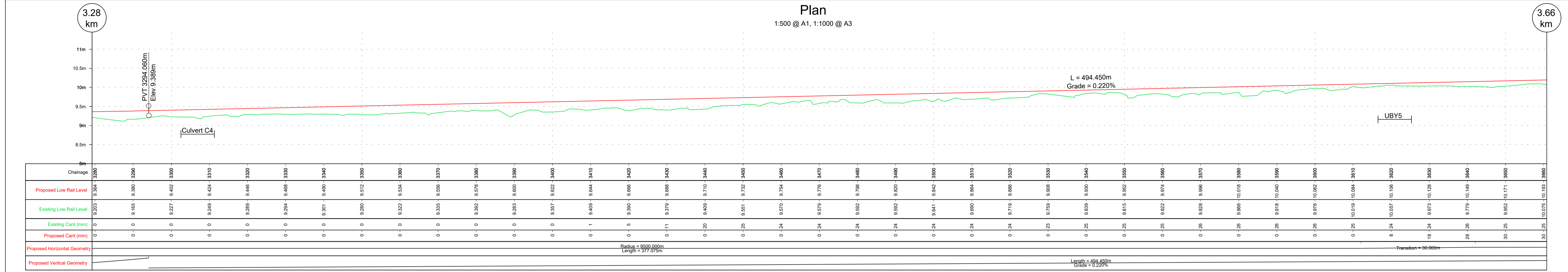
Purpose P1

Rev P01

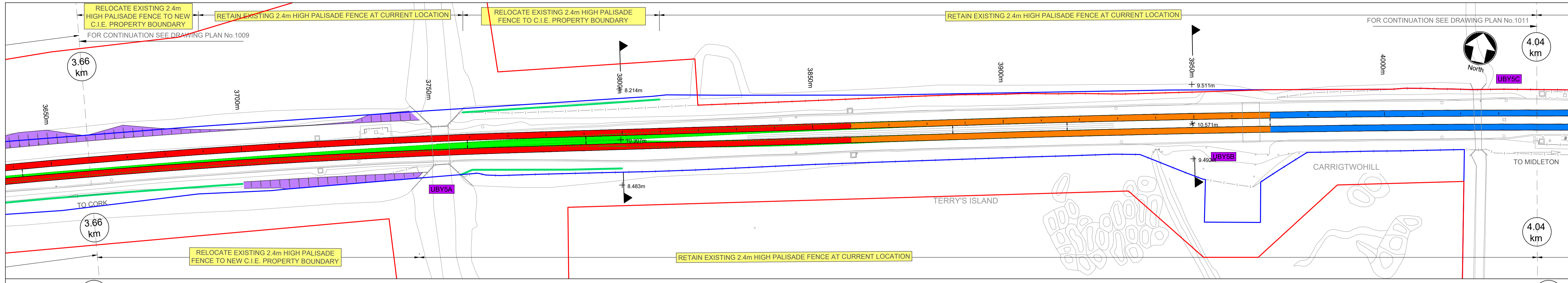




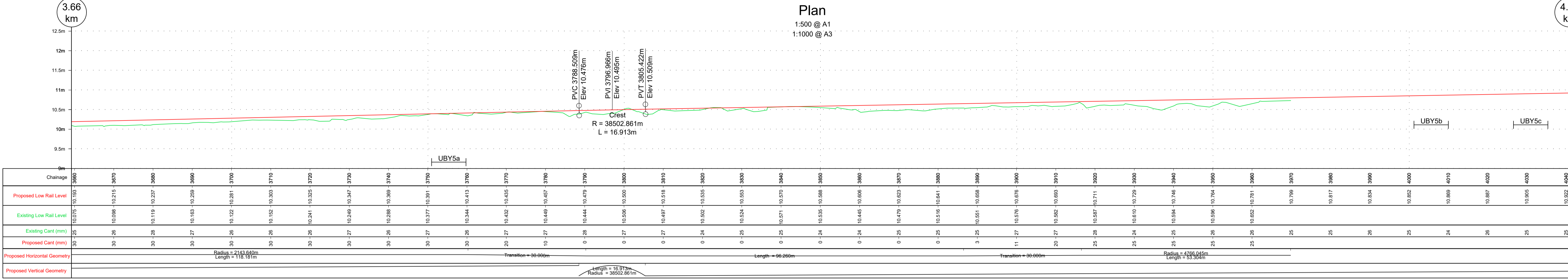
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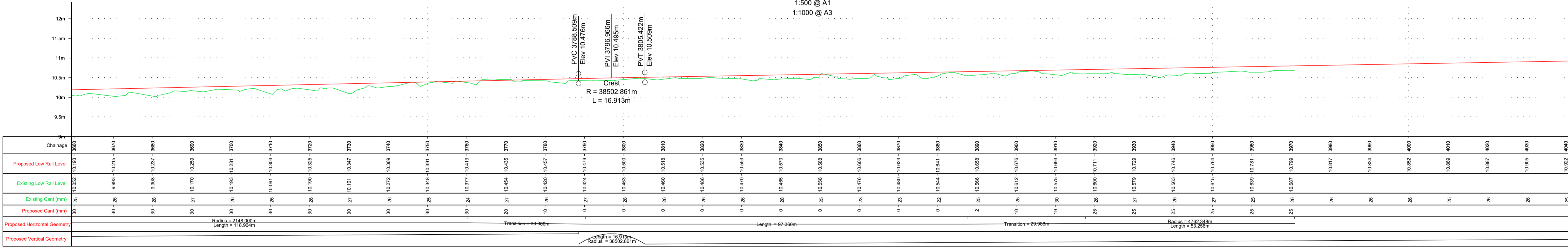




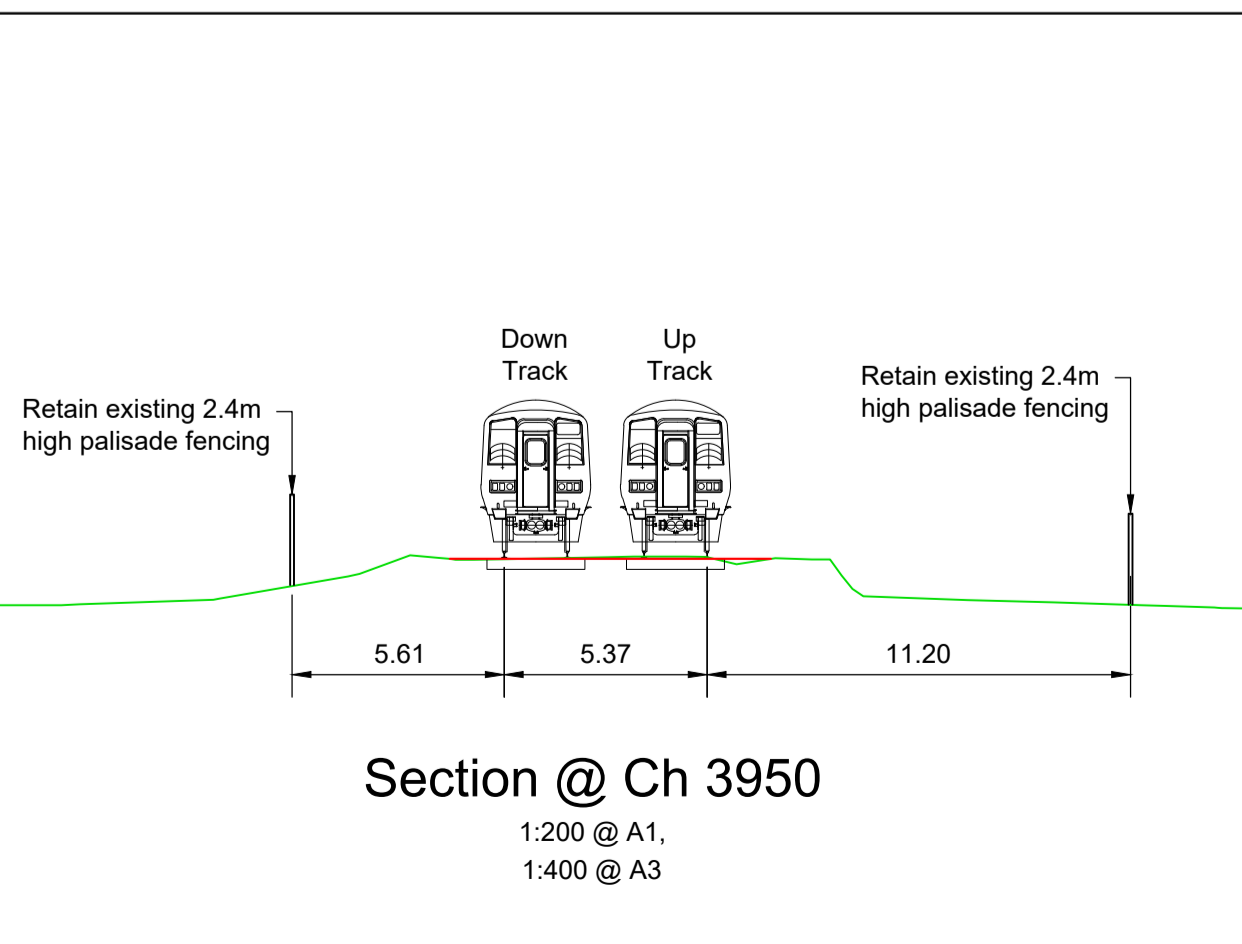
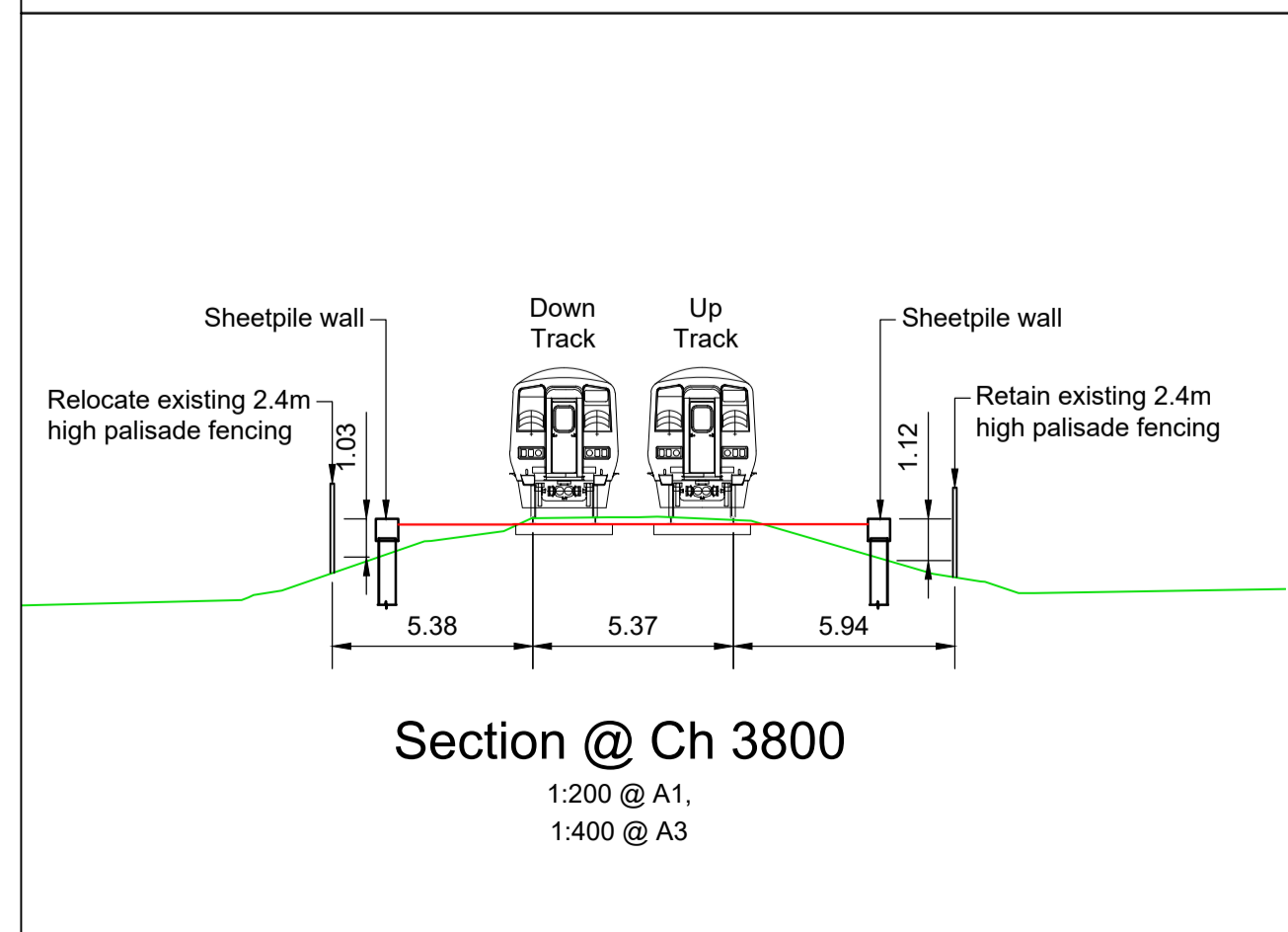
Plan  
1:500 @ A1  
1:1000 @ A3



Longsection Down Track



Longsection Up Track



**LEGEND**

- DEVELOPMENT BOUNDARY
- CIE LAND OWNERSHIP
- EXISTING FENCING
- PROPOSED EMBANKMENT IN CUT
- PROPOSED EMBANKMENT IN FILL
- PROPOSED GABION WALL
- PROPOSED SHEET PILE WALL
- PROPOSED CULVERT / BRIDGE EXTENDED/WIDENED
- EXISTING STRUCTURE TO BE DEMOLISHED
- EXISTING OVERBRIDGE
- EXISTING OVERBRIDGE TO BE DEMOLISHED
- EXISTING UNDERBRIDGE
- EXISTING UNDERBRIDGE TO BE EXTENDED/WIDENED
- EXISTING RUNNING LINES
- EXISTING TRACK SLUED OR MODIFIED
- SIDINGS
- PROPOSED TRACKWORK
- EXISTING TRACKWORK TO BE REMOVED

**NOTES:**

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- DEVELOPMENT BOUNDARY CONSISTS OF LAND CURRENTLY IN THE OWNERSHIP OF C.I.E., PERMANENT LANDTAKE & TEMPORARY LANDTAKE.

0 5.0 10.0 20.0 30.0 40.0 50.0m

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

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Amiens Street  
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D01 V6V6

**Iarnród Éireann Irish Rail**

**CIE**

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

Drawing Title: PERMANENT WAY, ALIGNMENT AND PROFILES  
CH3660 TO CH4040

Date	Designed	Drawn	Dwg check	Eng check
22/09/22	D. ALDERSON	R. O'CONNOR	K. STEPHENS	N. SAMACHETTY

Drawing File Name: C745-WP3 04-XX-XX-XXX-DR-MMD-PW-1010

Sheet 10 of 28

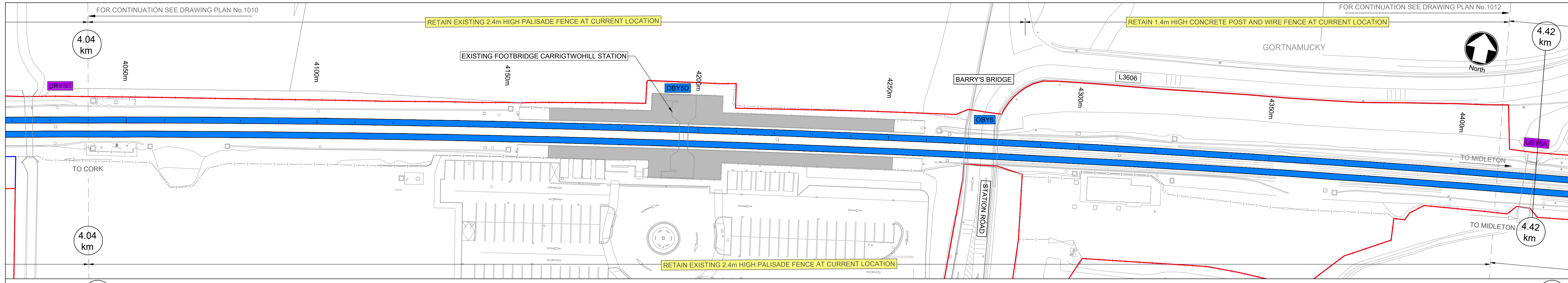
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Acceptance S

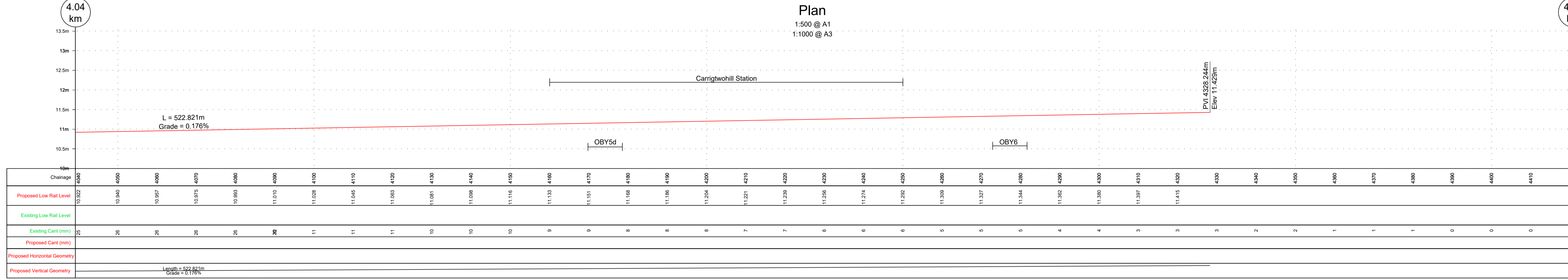
Purpose P1

Rev P01

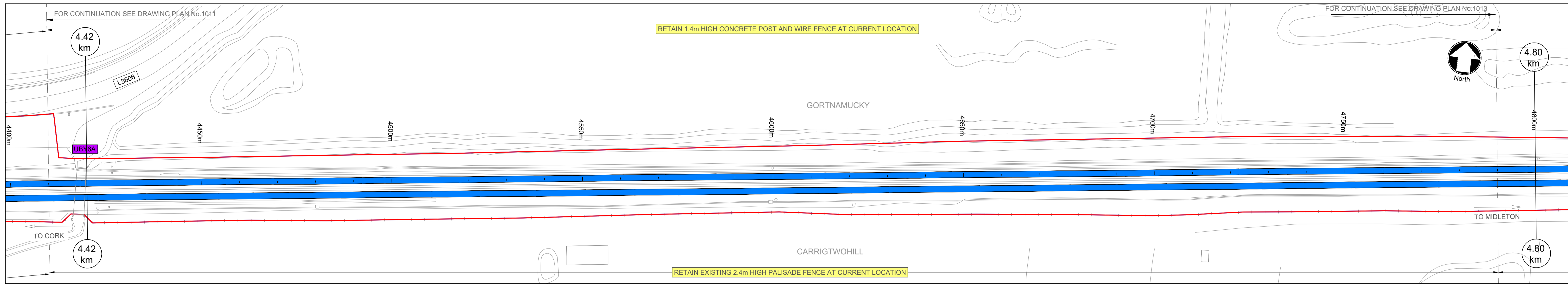




Plan  
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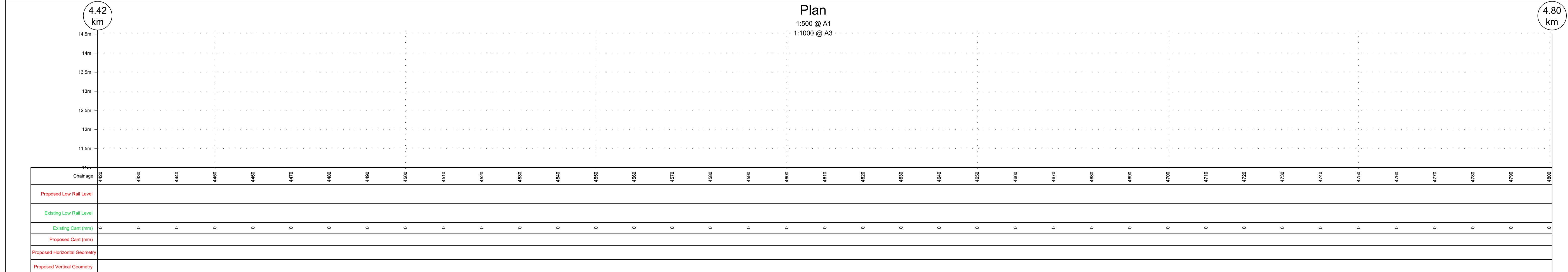






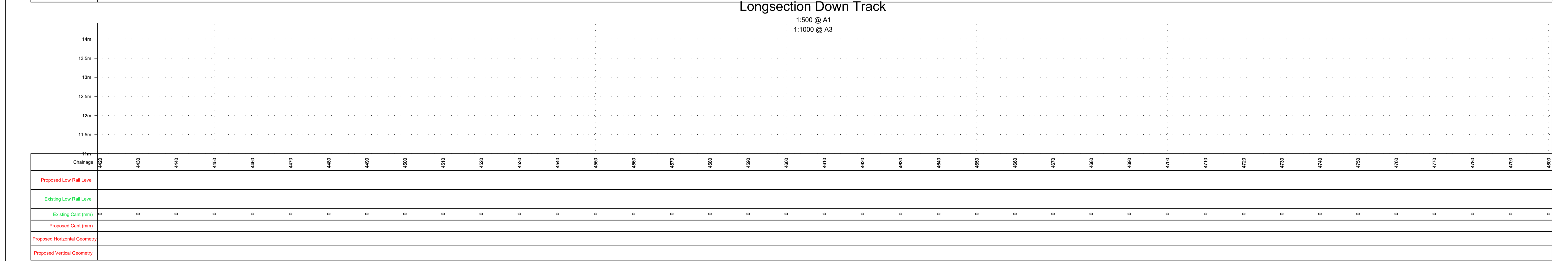
**Plan**

1:500 @ A1  
1:1000 @ A3



**Longsection Down Track**

1:500 @ A1  
1:1000 @ A3



**Longsection Up Track**

1:500 @ A1, 1:1000 @ A3

No change to existing cross-section

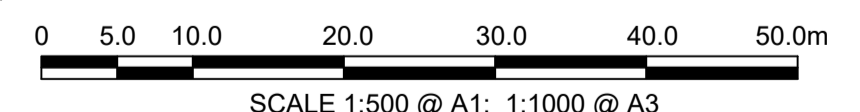
No change to existing cross-section

**LEGEND**

	DEVELOPMENT BOUNDARY
	CIE LAND OWNERSHIP
	EXISTING FENCING
	PROPOSED EMBANKMENT IN CUT
	PROPOSED EMBANKMENT IN FILL
	PROPOSED GABION WALL
	PROPOSED SHEET PILE WALL
	PROPOSED CULVERT / BRIDGE EXTENDED/WIDENED
	EXISTING STRUCTURE TO BE DEMOLISHED
	EXISTING OVERBRIDGE
	EXISTING OVERBRIDGE TO BE DEMOLISHED
	EXISTING UNDERBRIDGE
	EXISTING UNDERBRIDGE TO BE EXTENDED/WIDENED
	EXISTING RUNNING LINES
	EXISTING TRACK SLUED OR MODIFIED
	SIDINGS
	PROPOSED TRACKWORK
	EXISTING TRACKWORK TO BE REMOVED

**NOTES:**

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

**Iarnród Éireann Irish Rail**

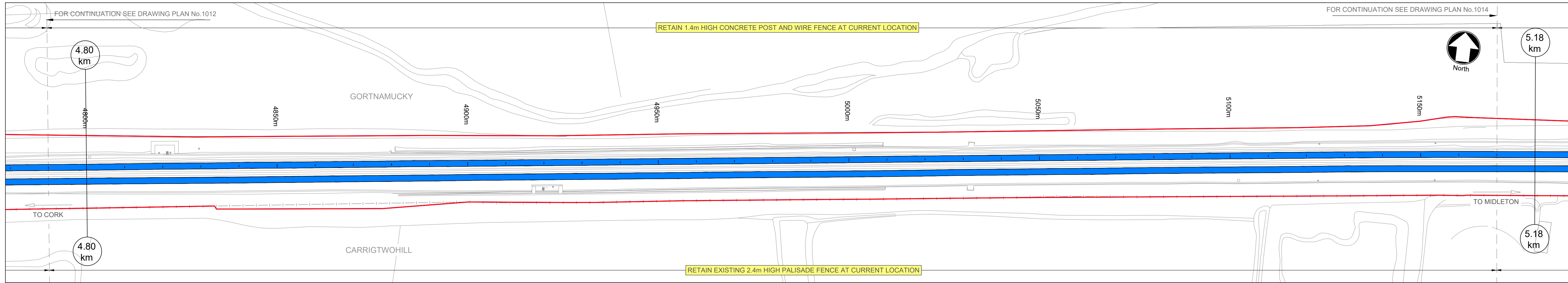
Project Title: CORK AREA COMMUTER RAIL GLOUNTHAUNE - MIDLETON TWIN TRACK

Drawing Title: PERMANENT WAY, ALIGNMENT AND PROFILES CH4420 TO CH4800

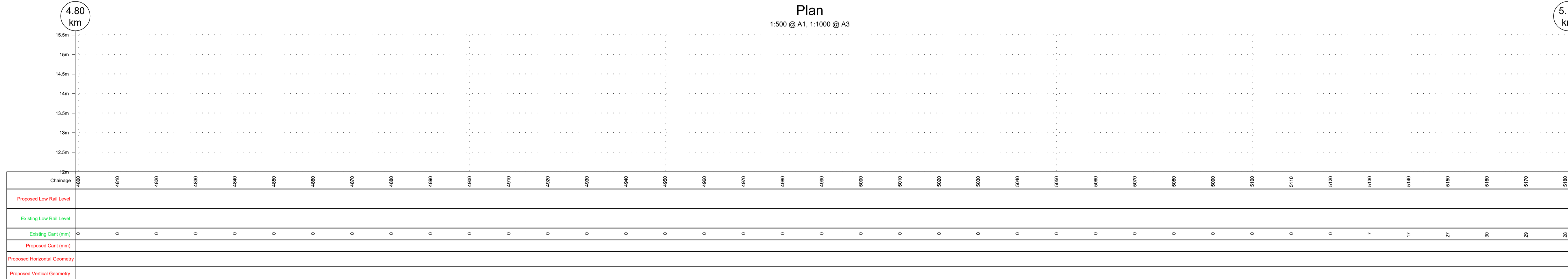
Date	Designed	Drawn	Dwg check	Eng check
22/09/22	D. ALDERSON	R. O'CONNOR	K. STEPHENS	N. SAMACHETTY

Drawing File Name	Sheet
C745-WP3 04-XX-XX-XXX-DR-MMD-PW-1012	12 of 28
Coordination	Accepted
N.SAMACHETTY	J.MCINERNEY
Scale @A1: AS SHOWN	Scale @A3: AS SHOWN
Acceptance	Purpose
S	P1
Rev	Rev
	P01

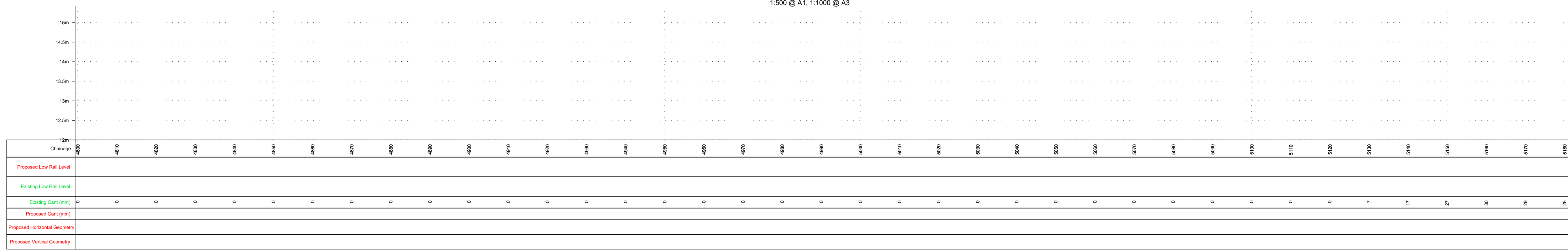




Plan  
1:500 @ A1, 1:1000 @ A3



Longsection Down Track  
1:500 @ A1, 1:1000 @ A3



Longsection Up Track  
1:500 @ A1, 1:1000 @ A3

No change to existing cross-section

No change to existing cross-section

**LEGEND**

- DEVELOPMENT BOUNDARY
- CIE LAND OWNERSHIP
- EXISTING FENCING
- TOP OF EMBANKMENT
- TOP OF UNDERCUT
- PROPOSED EMBANKMENT IN CUT
- PROPOSED EMBANKMENT IN FILL
- PROPOSED GABION WALL
- PROPOSED SHEET PILE WALL
- PROPOSED CULVERT / BRIDGE EXTENDED/WIDENED
- EXISTING STRUCTURE TO BE DEMOLISHED
- EXISTING OVERBRIDGE
- EXISTING OVERBRIDGE TO BE DEMOLISHED
- EXISTING UNDERBRIDGE
- EXISTING UNDERBRIDGE TO BE EXTENDED/WIDENED
- EXISTING RUNNING LINES
- EXISTING TRACK SLUED OR MODIFIED
- SIDINGS
- PROPOSED TRACKWORK
- or    EXISTING TRACKWORK TO BE REMOVED

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

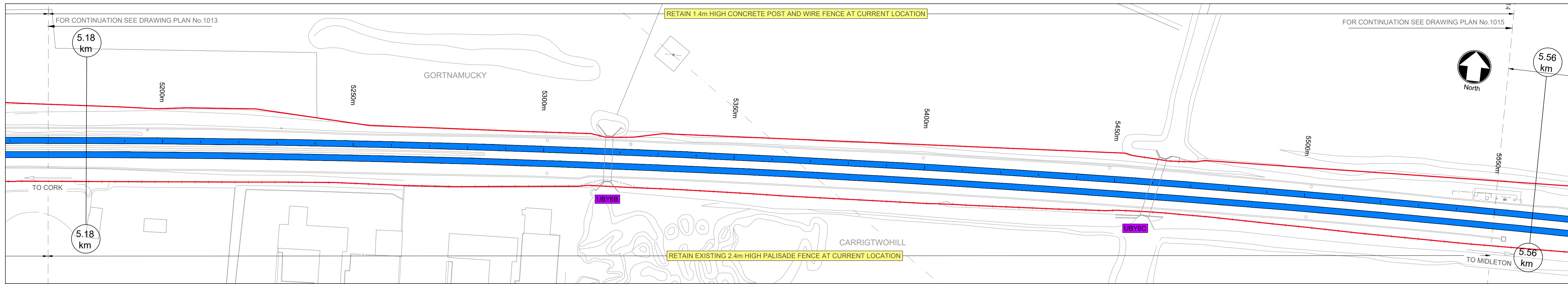
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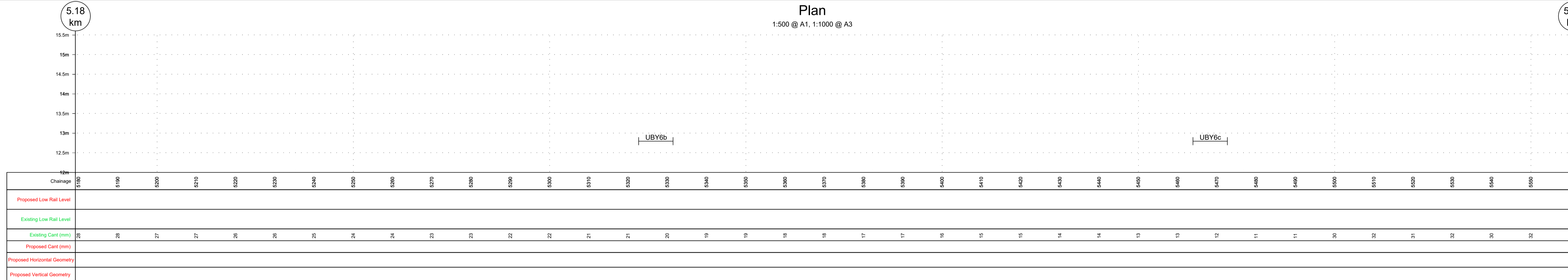
Client **Iarnród Éireann-Irish Rail**  
Connolly Station  
Amiens Street  
Dublin 1  
D01 V6V6

Project Title		CORK AREA COMMUTER RAIL GLOUNTHAUNE - MIDLETON TWIN TRACK	
Drawing Title		PERMANENT WAY, ALIGNMENT AND PROFILES CH4800 TO CH5180	
Drawing File Name	C745-WP3 04-XX-XX-XXX-DR-MMD-PW-1013	Sheet	13 of 28
Coordination	N.SAMACHETTY	Approved	J.MCINERNEY
Scale @A1:	AS SHOWN	Acceptance	S
Scale @A3:	AS SHOWN	Purpose	P1
Date	22/09/22	Designed	D. ALDERSON
Rev		Drawn	R. O'CONNOR
		Eng Check	K. STEPHENS
		Appr	N. SAMACHETTY
		Dwg check	K. STEPHENS
		Eng check	N. SAMACHETTY

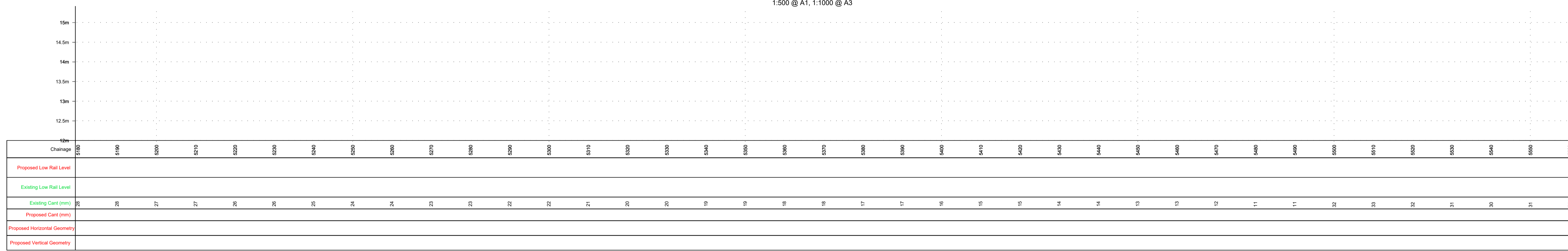




Plan  
1:500 @ A1, 1:1000 @ A3



Longsection Down Track  
1:500 @ A1, 1:1000 @ A3



Longsection Up Track  
1:500 @ A1, 1:1000 @ A3

No change to existing cross-section

No change to existing cross-section

**LEGEND**

- DEVELOPMENT BOUNDARY
- CIE LAND OWNERSHIP
- EXISTING FENCING
- PROPOSED EMBANKMENT IN CUT
- PROPOSED EMBANKMENT IN FILL
- PROPOSED GABION WALL
- PROPOSED SHEET PILE WALL
- PROPOSED CULVERT / BRIDGE EXTENDED/WIDENED
- EXISTING STRUCTURE TO BE DEMOLISHED
- EXISTING OVERBRIDGE
- EXISTING OVERBRIDGE TO BE DEMOLISHED
- EXISTING UNDERBRIDGE
- EXISTING UNDERBRIDGE TO BE EXTENDED/WIDENED
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- EXISTING TRACK SLUED OR MODIFIED
- SIDINGS
- PROPOSED TRACKWORK
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0 5.0 10.0 20.0 30.0 40.0 50.0m  
SCALE 1:500 @ A1; 1:1000 @ A3

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**Iarnród Éireann Irish Rail**

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

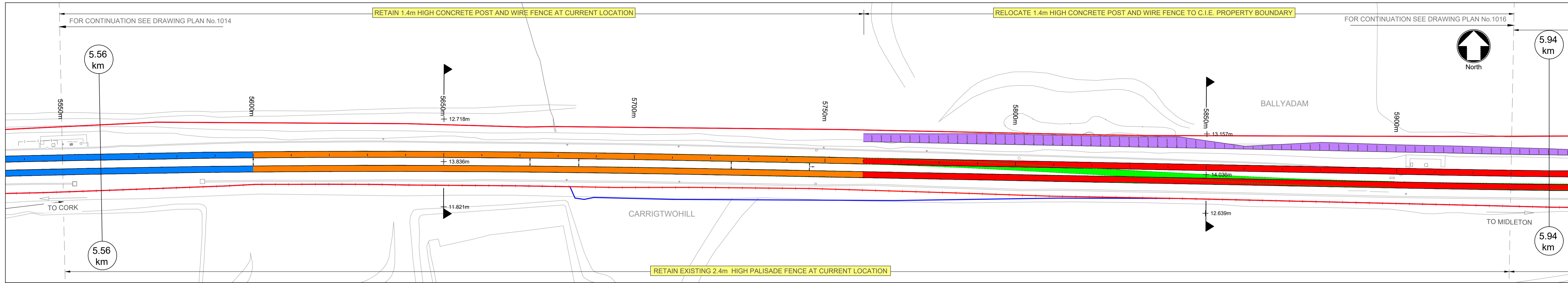
Drawing Title: PERMANENT WAY, ALIGNMENT AND PROFILES  
CH5180 TO CH5560

Date	22/09/22	Designed	D. ALDERSON	Drawn	R. O'CONNOR	Dwg check	K. STEPHENS	Eng check	N. SAMACHETTY
Rev		Date		Drawn		Eng Check		Appr	

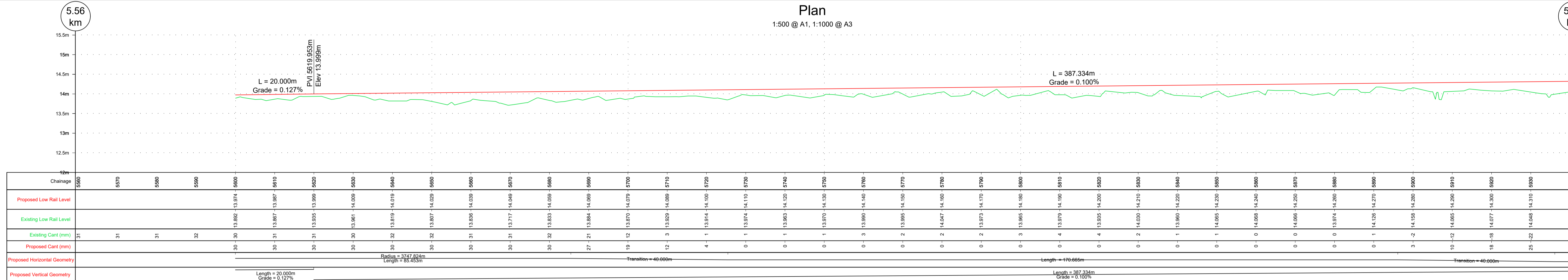
Drawing File Name: C745-WP3 04-XX-XX-XXX-DR-MMD-PW-1014  
Sheet 14 of 28

Coordination: N.SAMACHETTY  
Approved: J.MCINERNEY  
Scale @A1: AS SHOWN  
Scale @A3: AS SHOWN  
Acceptance: S  
Purpose: P1  
Rev: P01

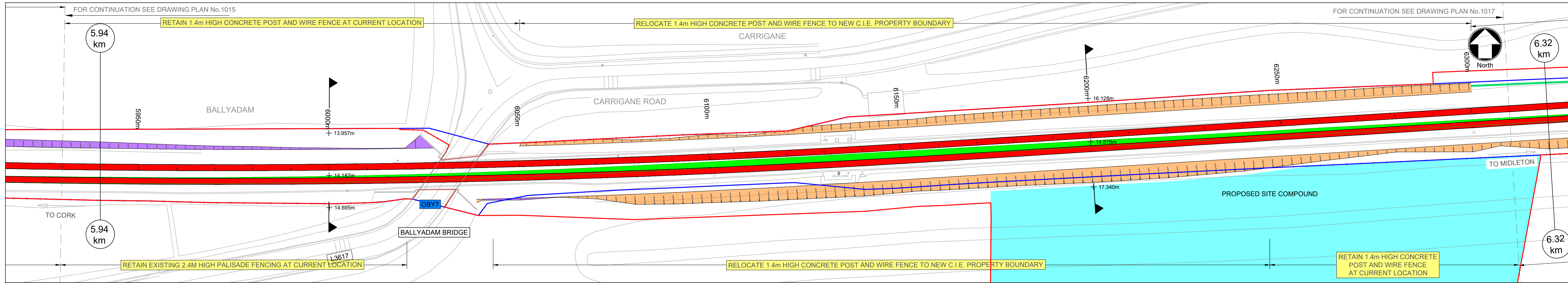




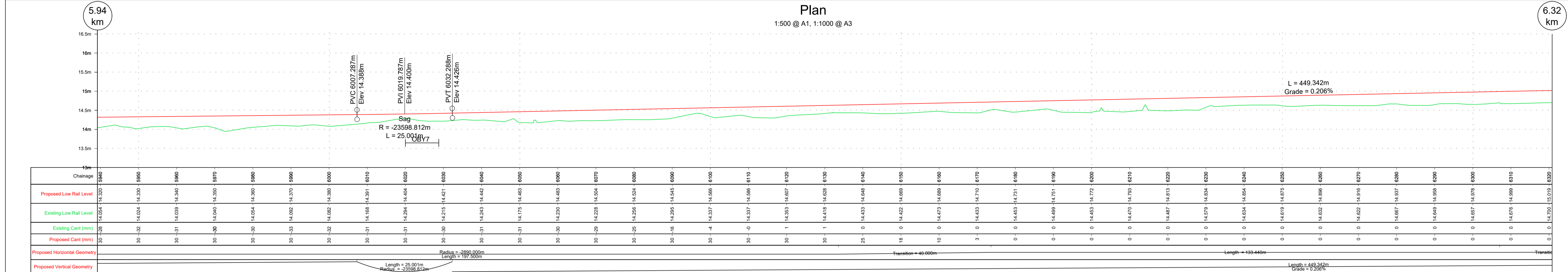
Plan  
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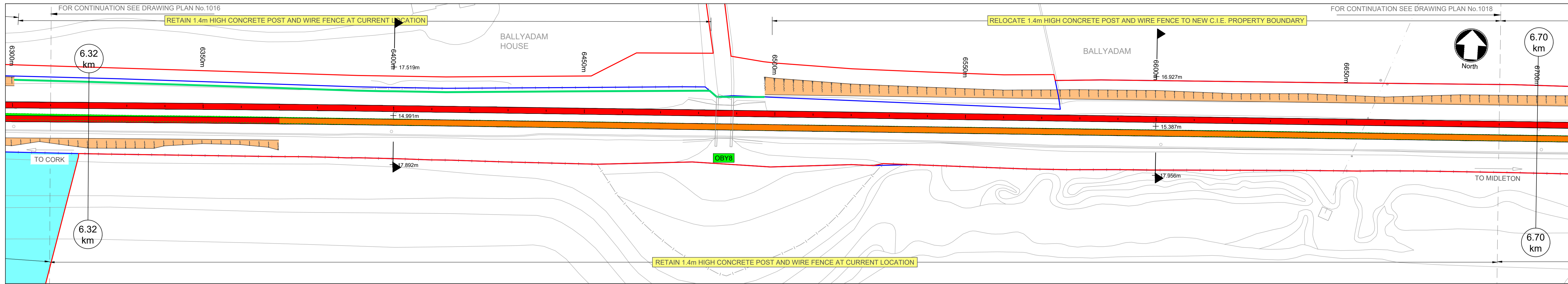




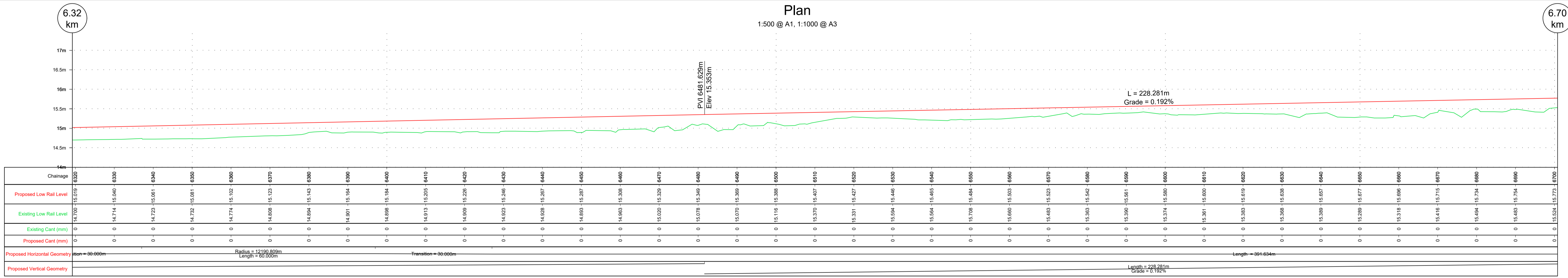
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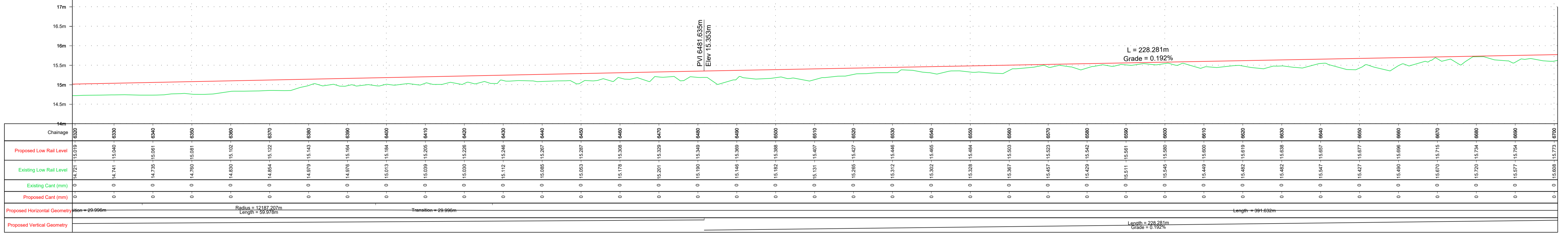




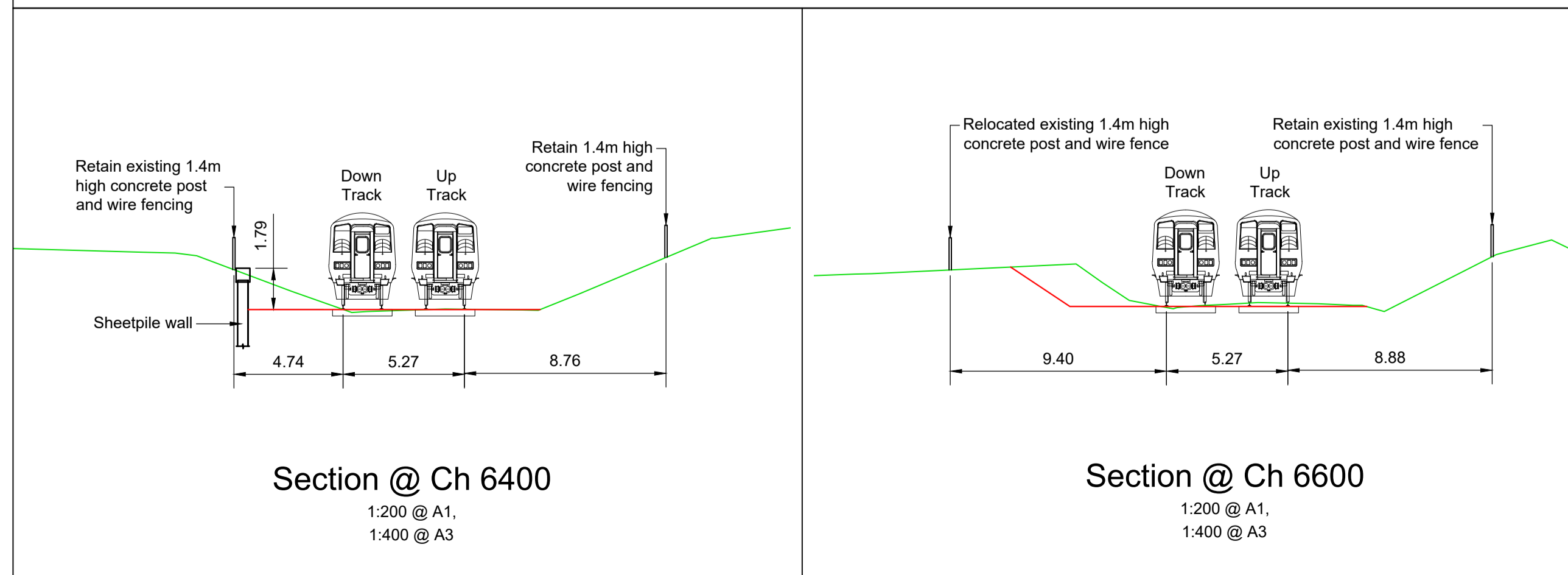
Plan  
1:500 @ A1, 1:1000 @ A3



Longsection Down Track  
1:500 @ A1, 1:1000 @ A3



Longsection Up Track  
1:500 @ A1, 1:1000 @ A3



**LEGEND**

- DEVELOPMENT BOUNDARY
- CIE LAND OWNERSHIP
- EXISTING FENCING
- TOP OF EMBANKMENT
- TOP OF EXISTING WALL
- PROPOSED GABION WALL
- PROPOSED SHEET PILE WALL
- PROPOSED CULVERT / BRIDGE EXTENDED/WIDENED
- EXISTING STRUCTURE TO BE DEMOLISHED
- EXISTING OVERBRIDGE
- EXISTING OVERBRIDGE TO BE DEMOLISHED
- EXISTING UNDERBRIDGE
- EXISTING UNDERBRIDGE TO BE EXTENDED/WIDENED
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- SIDINGS
- PROPOSED TRACKWORK
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SCALE 1:500 @ A1; 1:1000 @ A3

P01	23/09/22	RO	NS	JM	PLANNING ISSUE
Rev	Date	Drawn	Eng Check	Appr	Description
	23/09/22	D. ALDERSON		R. O'CONNOR	

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**Iarnród Éireann Irish Rail**

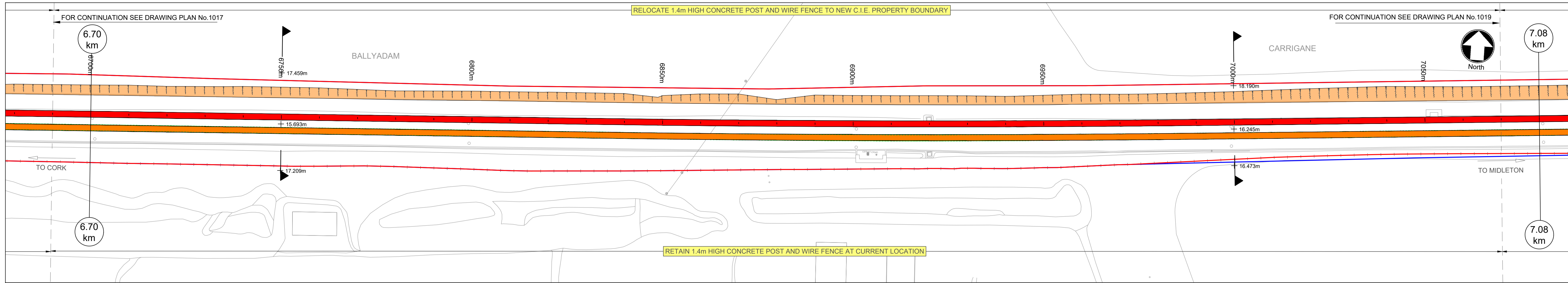
Project Title: CORK AREA COMMUTER RAIL  
GLOUNTHAUNE - MIDLETON TWIN TRACK

Drawing Title: PERMANENT WAY, ALIGNMENT AND PROFILES  
CH6320 TO CH6700

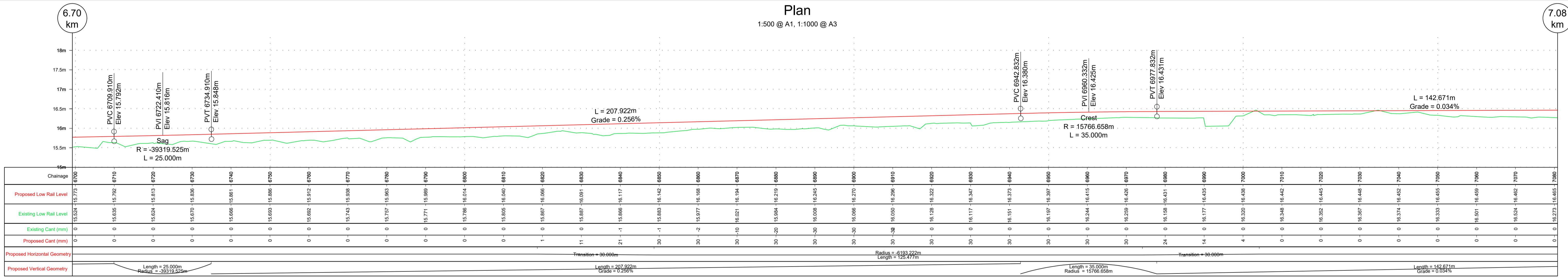
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Scale @A3: AS SHOWN

17 of 28  
Sheet  
Purpose: P1  
Rev: P01

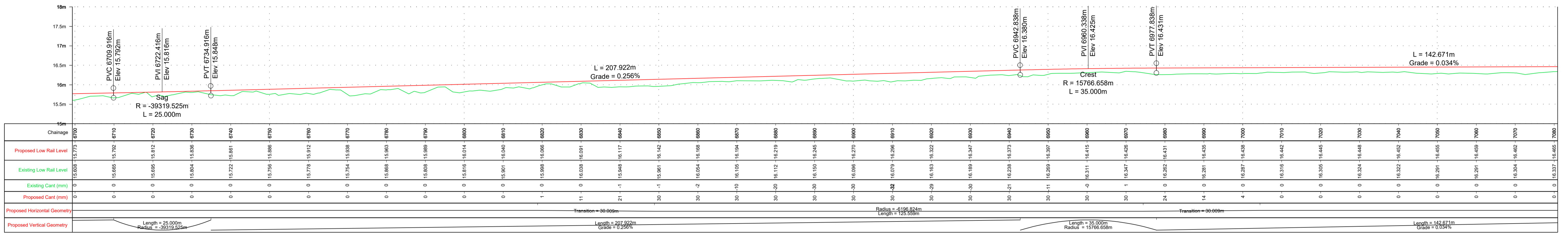




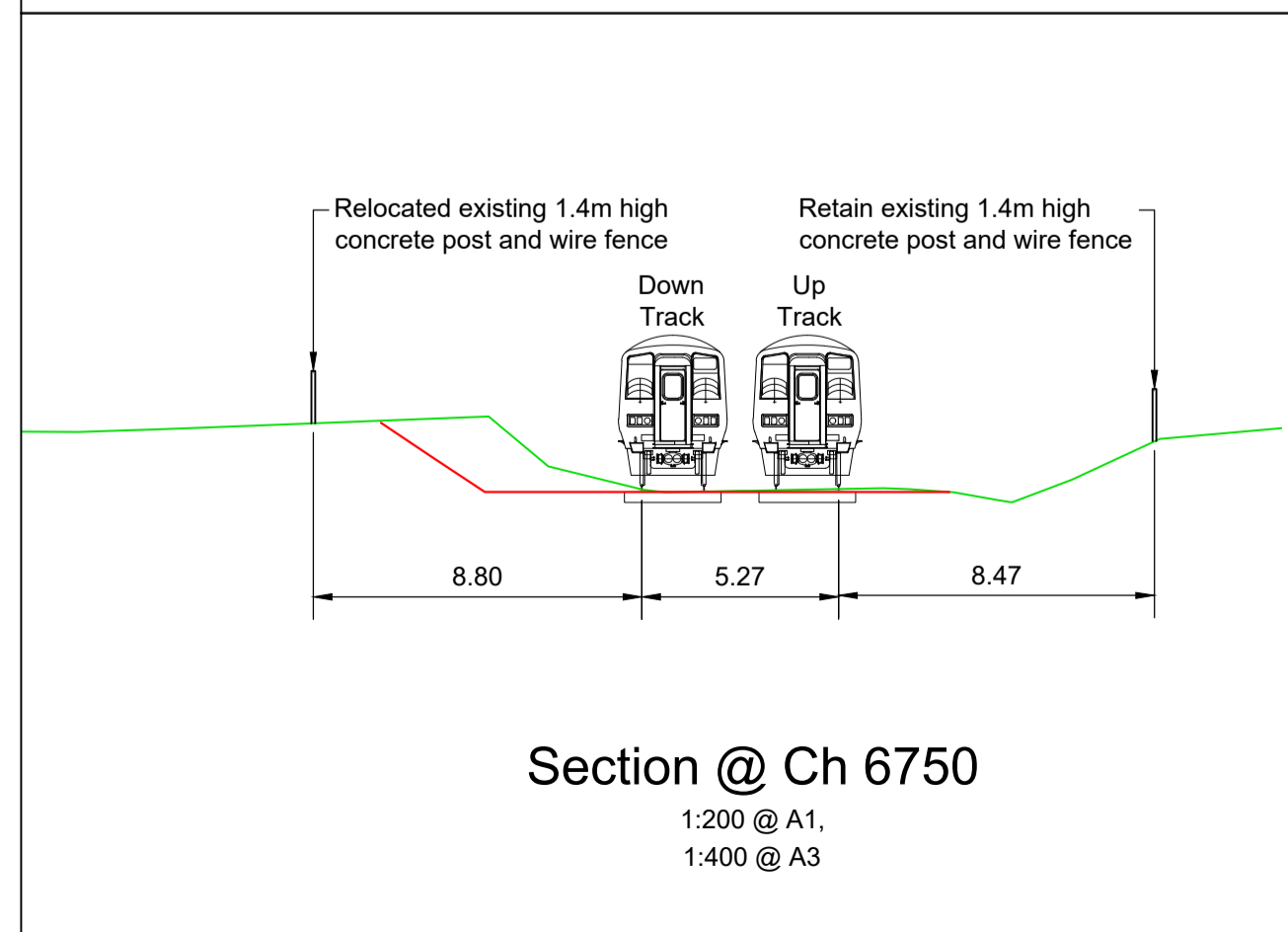
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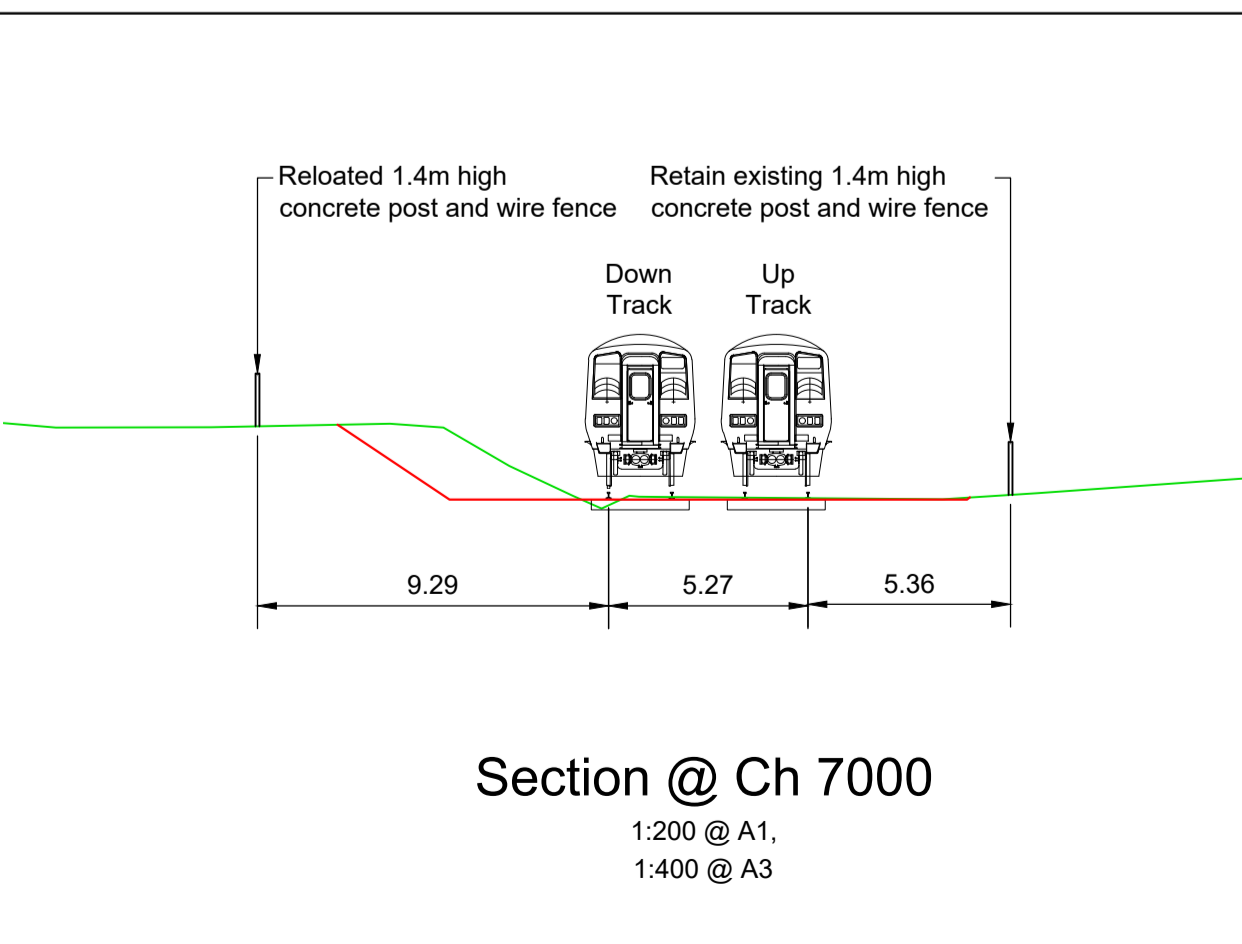
Longsection Down Track  
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Longsection Up Track  
1:500 @ A1, 1:1000 @ A3



Section @ Ch 6750  
1:200 @ A1,  
1:400 @ A3



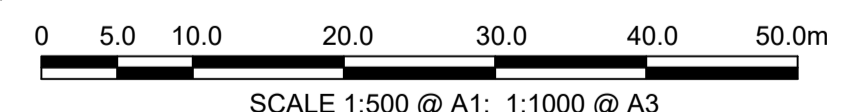
Section @ Ch 7000  
1:200 @ A1,  
1:400 @ A3

**LEGEND**

- DEVELOPMENT BOUNDARY
- CIE LAND OWNERSHIP
- EXISTING FENCING
- TOP OF EMBANKMENT
- TOP OF UNDERCUT
- PROPOSED EMBANKMENT IN CUT
- PROPOSED EMBANKMENT IN FILL
- PROPOSED GABION WALL
- PROPOSED SHEET PILE WALL
- PROPOSED CULVERT / BRIDGE EXTENDED/WIDENED
- EXISTING STRUCTURE TO BE DEMOLISHED
- EXISTING OVERBRIDGE
- EXISTING OVERBRIDGE TO BE DEMOLISHED
- EXISTING UNDERBRIDGE
- EXISTING UNDERBRIDGE TO BE EXTENDED/WIDENED
- EXISTING RUNNING LINES
- EXISTING TRACK SLUED OR MODIFIED
- SIDINGS
- PROPOSED TRACKWORK
- EXISTING TRACKWORK TO BE REMOVED

**NOTES:**

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- PROJECT CHAINAGE IS IN METRES (m).
- LONGITUDINAL VERTICAL ALIGNMENT MARKERS IN KILOMETRES (km)
- C.I.E LAND OWNERSHIP BOUNDARY IS VISIBLE IN AREAS WHERE ADDITIONAL LAND WILL BE ACQUIRED AS PART OF THE RO APPLICATION
- DEVELOPMENT BOUNDARY CONSISTS OF LAND CURRENTLY IN THE OWNERSHIP OF C.I.E., PERMANENT LANDTAKE & TEMPORARY LANDTAKE.



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D01 V6V6

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

Drawing Title: PERMANENT WAY, ALIGNMENT AND PROFILES  
CH6700 TO CH7080

Drawing File Name: C745-WP3 04-XX-XX-XXX-DR-MMD-PW-1018

Sheet: 18 of 28

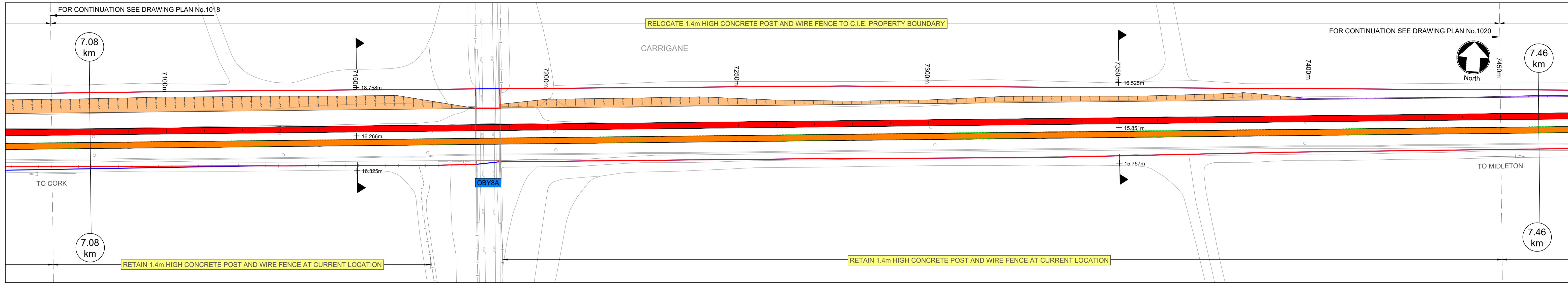
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Acceptance: S

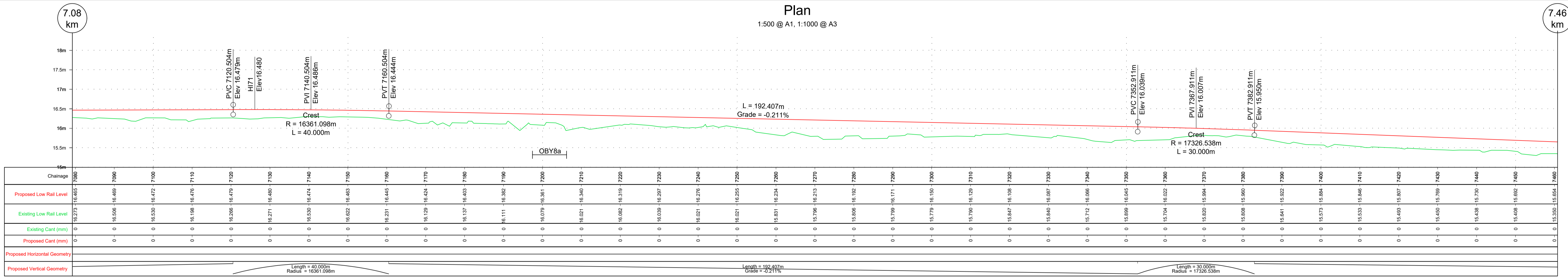
Rev: P1

Rev	Date	Drawn	Eng Check	Appr	Description
P01	22/09/22	RO	NS	JM	PLANNING ISSUE
Date	22/09/22	Designed	D. ALDERSON	Drawn	R. O'CONNOR
		Dwg check	K. STEPHENS	Eng check	N. SAMACHETTY

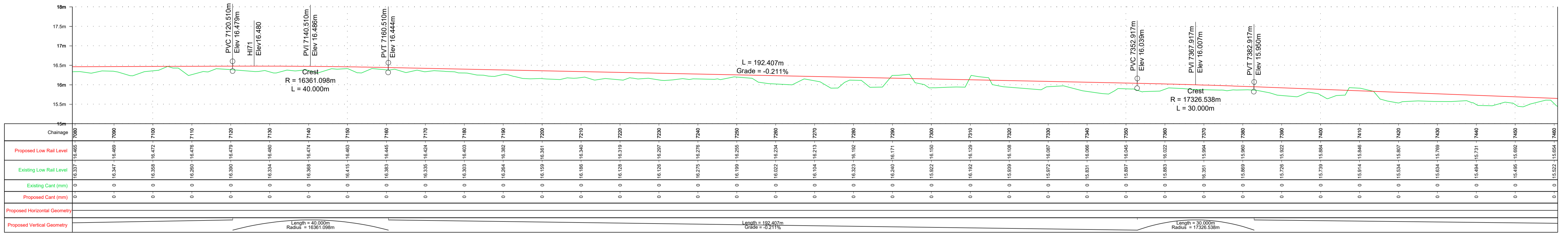




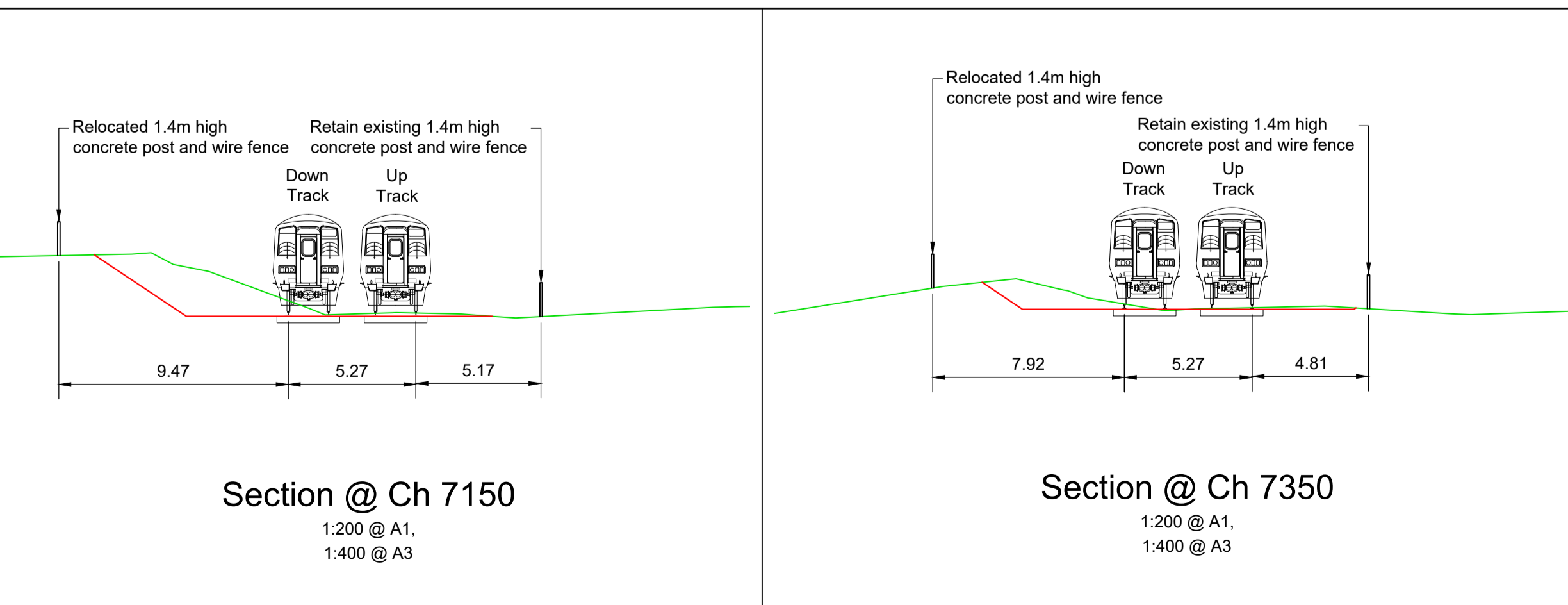
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Longsection Down Track  
1:500 @ A1, 1:1000 @ A3



Longsection Up Track  
1:500 @ A1, 1:1000 @ A3



**LEGEND**

- DEVELOPMENT BOUNDARY
- CIE LAND OWNERSHIP
- EXISTING FENCING
- PROPOSED EMBANKMENT IN CUT
- PROPOSED EMBANKMENT IN FILL
- PROPOSED GABION WALL
- PROPOSED SHEET PILE WALL
- PROPOSED CULVERT / BRIDGE EXTENDED/WIDENED
- EXISTING STRUCTURE TO BE DEMOLISHED
- EXISTING OVERBRIDGE
- EXISTING OVERBRIDGE TO BE DEMOLISHED
- EXISTING UNDERBRIDGE
- EXISTING UNDERBRIDGE TO BE EXTENDED/WIDENED
- EXISTING RUNNING LINES
- EXISTING TRACK SLUED OR MODIFIED
- SIDINGS
- PROPOSED TRACKWORK
- EXISTING TRACKWORK TO BE REMOVED

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

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D01 V6V6

**Iarnród Éireann Irish Rail**

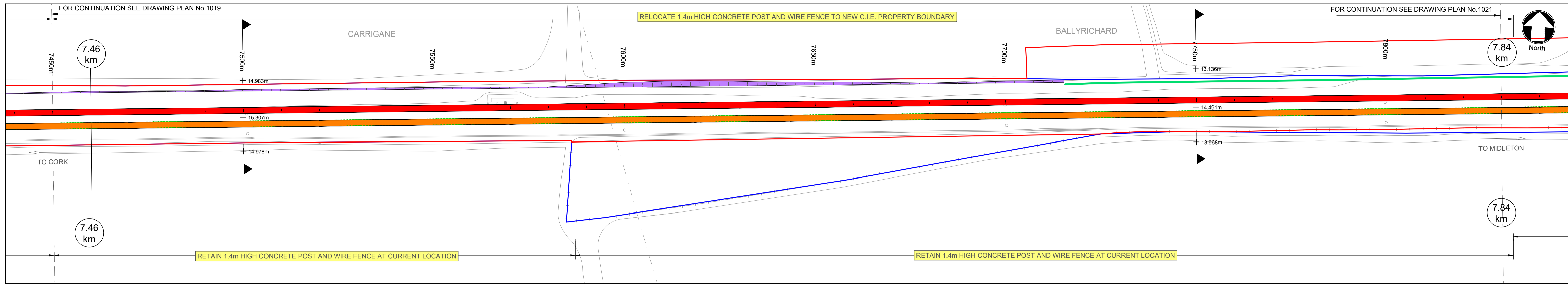
Project Title: CORK AREA COMMUTER RAIL  
GLOUNTHAUNE - MIDLETON TWIN TRACK

Drawing Title: PERMANENT WAY, ALIGNMENT AND PROFILES  
CH7080 TO CH7460

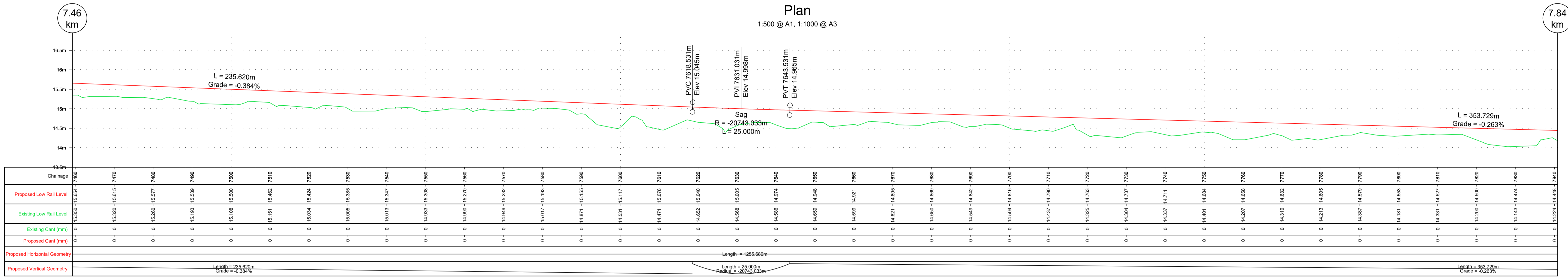
Date	22/09/22	Designed	D. ALDERSON	Drawn	R. O'CONNOR	Dwg check	K. STEPHENS	Eng check	N. SAMACHETTY
Rev		Date		Drawn		Dwg check		Eng check	

Drawing File Name: C745-WP3 04-XX-XX-XXX-DR-MMD-PW-1019  
Sheet 19 of 28  
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Scale @A3: AS SHOWN  
Acceptance S  
Purpose P1  
Rev P01

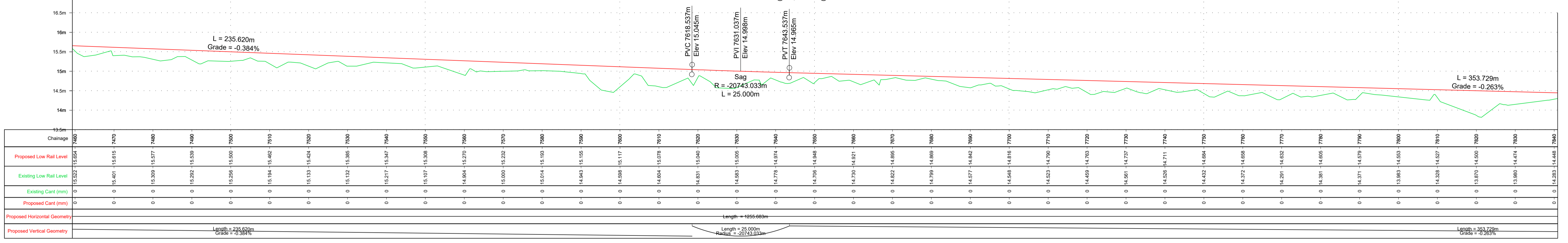




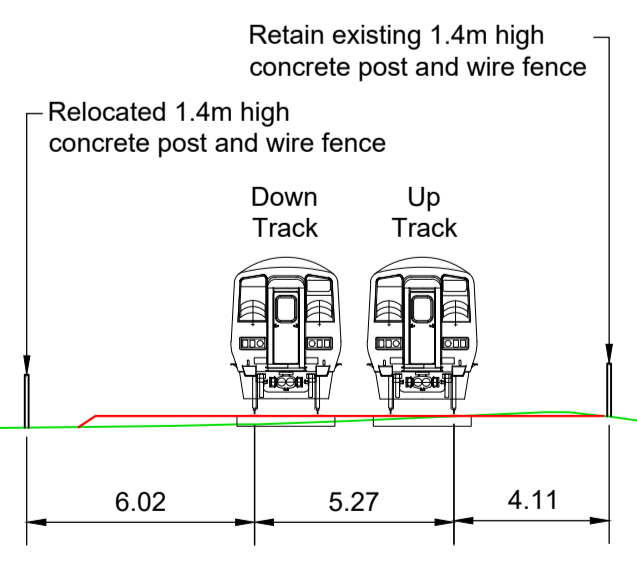
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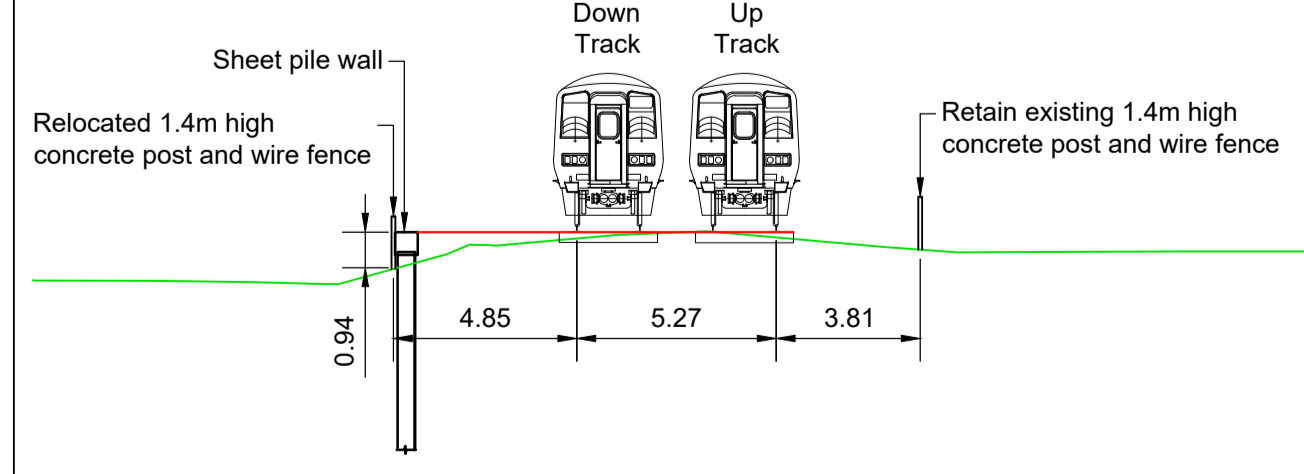
Longsection Down Track  
1:500 @ A1, 1:1000 @ A3



Longsection Up Track  
1:500 @ A1, 1:1000 @ A3



Section @ Ch 7500  
1:200 @ A1,  
1:400 @ A3



Section @ Ch 7750  
1:200 @ A1,  
1:400 @ A3

**LEGEND**

- DEVELOPMENT BOUNDARY
- CIE LAND OWNERSHIP
- EXISTING FENCING
- PROPOSED EMBANKMENT IN CUT
- PROPOSED EMBANKMENT IN FILL
- PROPOSED GABION WALL
- PROPOSED SHEET PILE WALL
- PROPOSED CULVERT / BRIDGE EXTENDED/WIDENED
- EXISTING STRUCTURE TO BE DEMOLISHED
- EXISTING OVERBRIDGE
- EXISTING OVERBRIDGE TO BE DEMOLISHED
- EXISTING UNDERBRIDGE
- EXISTING UNDERBRIDGE TO BE EXTENDED/WIDENED
- EXISTING RUNNING LINES
- EXISTING TRACK SLUED OR MODIFIED
- SIDINGS
- PROPOSED TRACKWORK
- EXISTING TRACKWORK TO BE REMOVED

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

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**Iarnród Éireann Irish Rail**

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

Drawing Title: PERMANENT WAY, ALIGNMENT AND PROFILES  
CH7460 TO CH7840

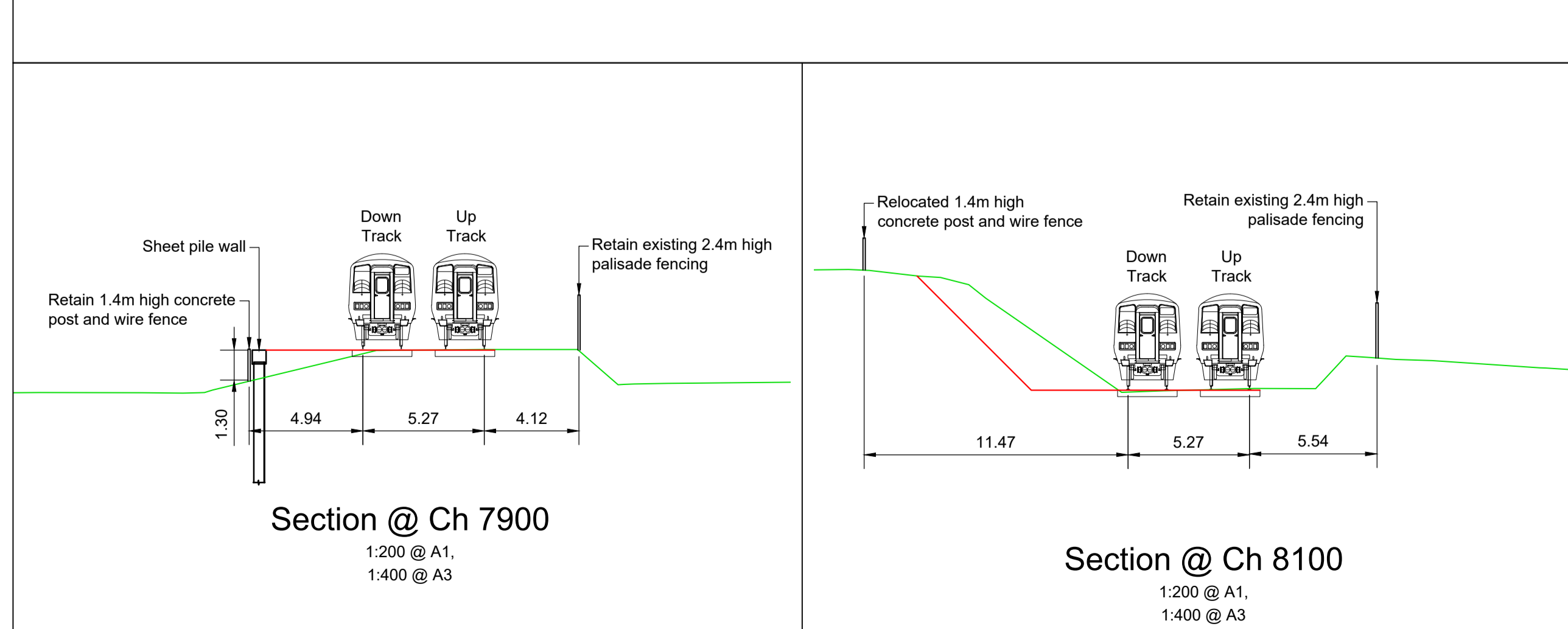
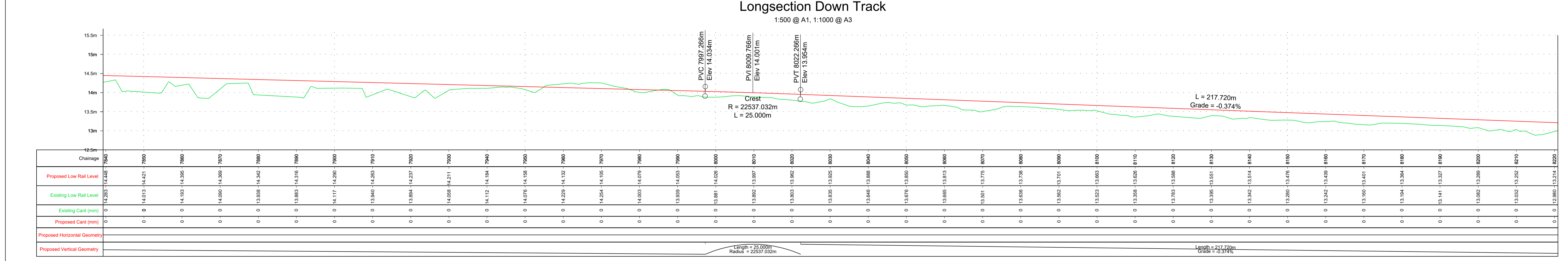
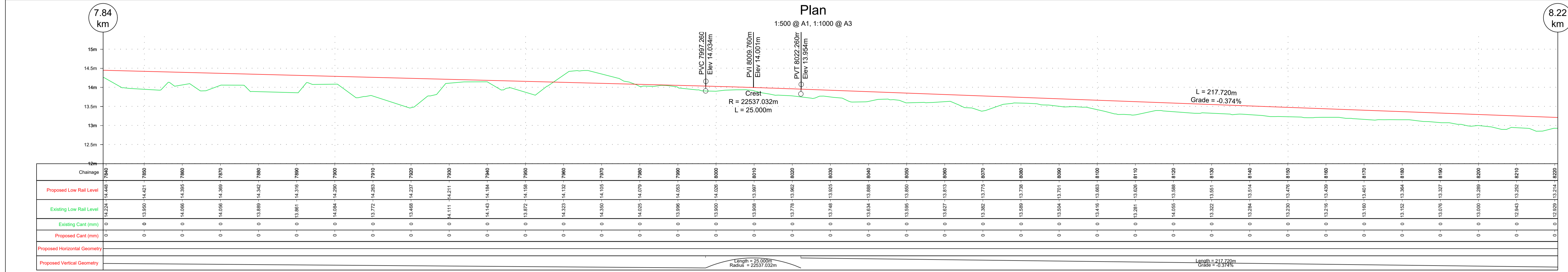
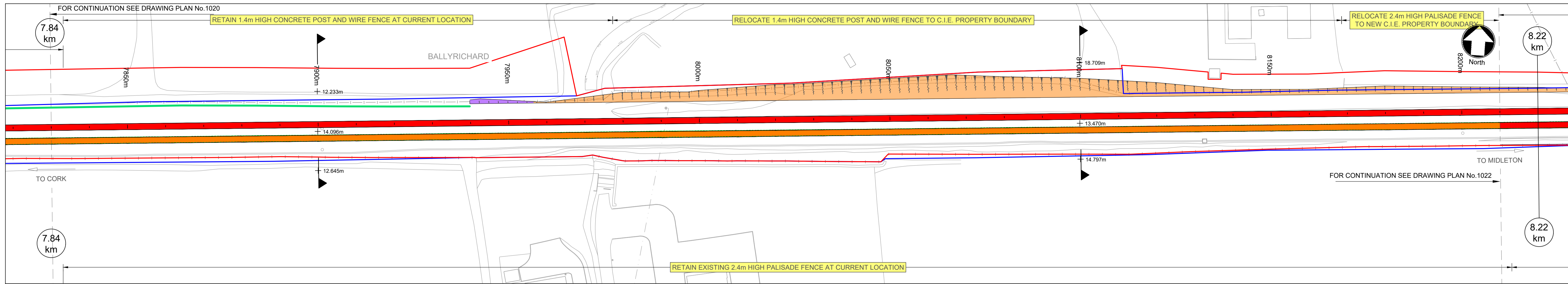
Drawing File Name: C745-WP3 04-XX-XX-XXX-DR-MMD-PW-1020  
Sheet 20 of 28

Date: 22/09/22  
Designed: D. ALDERSON  
Drawn: R. O'CONNOR  
Dwg check: K. STEPHENS  
Eng check: N. SAMACHETTY

Rev: P01  
Date: 22/09/22  
Drawn: RO  
Eng Check: NS  
Appr: PLANNING ISSUE

Scale @A1: AS SHOWN  
Scale @A3: AS SHOWN  
Acceptance: S  
Purpose: P3  
Rev: P01





**LEGEND**

- DEVELOPMENT BOUNDARY
- CIE LAND OWNERSHIP
- EXISTING FENCING
- PROPOSED EMBANKMENT IN CUT
- PROPOSED EMBANKMENT IN FILL
- PROPOSED GABION WALL
- PROPOSED SHEET PILE WALL
- PROPOSED CULVERT / BRIDGE EXTENDED/WIDENED
- EXISTING STRUCTURE TO BE DEMOLISHED
- EXISTING OVERBRIDGE
- EXISTING OVERBRIDGE TO BE DEMOLISHED
- EXISTING UNDERBRIDGE
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- EXISTING TRACK SLUED OR MODIFIED
- SIDINGS
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SCALE 1:500 @ A1; 1:1000 @ A3

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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: PERMANENT WAY, ALIGNMENT AND PROFILES CH7840 TO CH8220

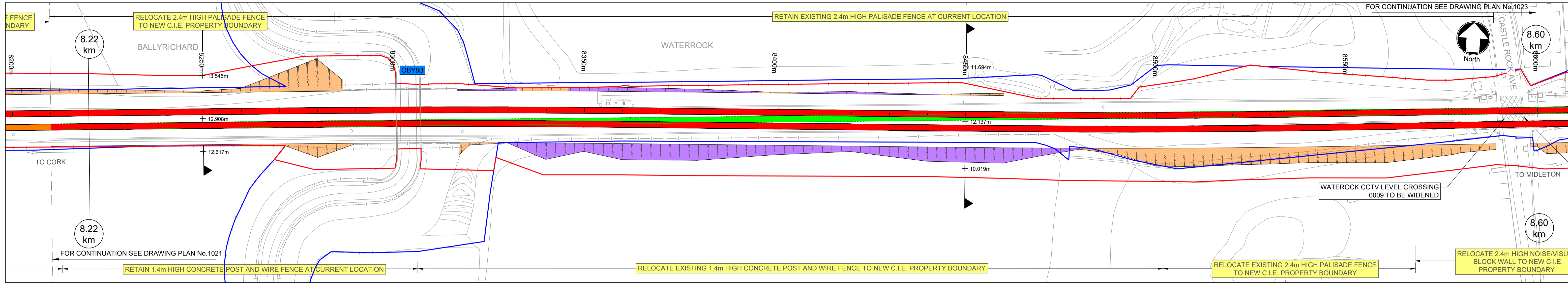
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Sheet 21 of 28

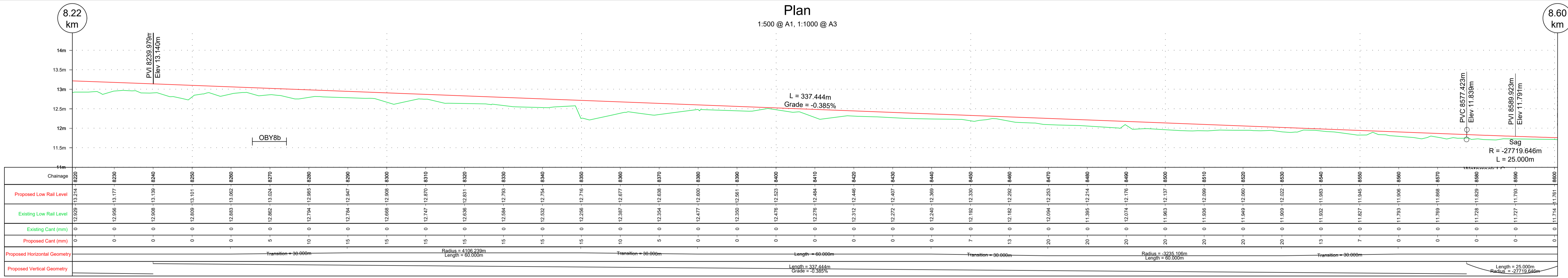
Date: 22/09/22, Designed: D. ALDERSON, Drawn: R. O'CONNOR, Dwg check: K. STEPHENS, Eng check: N. SAMACHETTY

Scale @A1: AS SHOWN, Scale @A3: AS SHOWN, Acceptance: S, Purpose: P3, Rev: P01

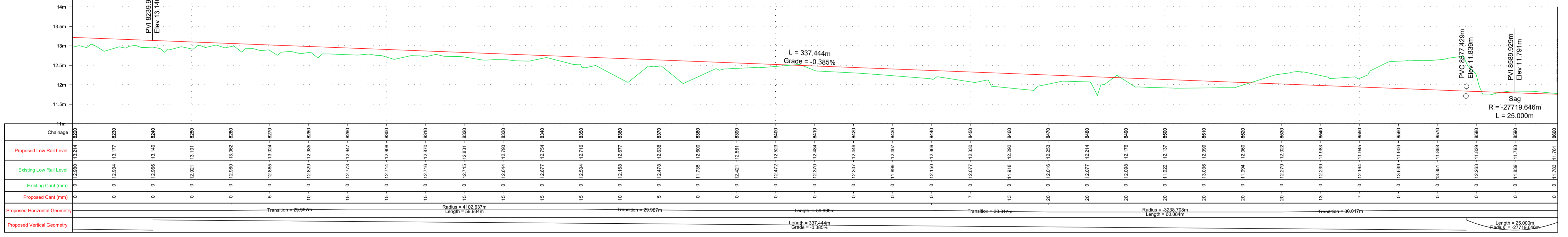




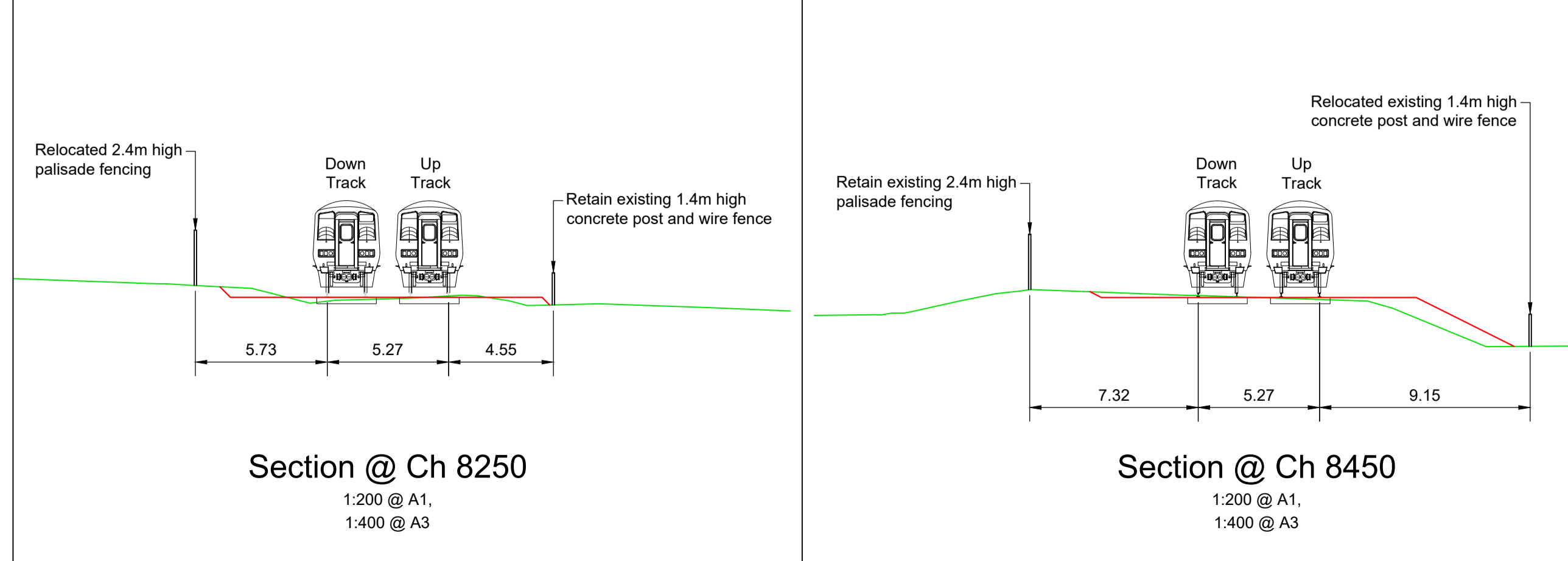
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Longsection Down Track  
1:500 @ A1, 1:1000 @ A3



Longsection Up Track  
1:500 @ A1, 1:1000 @ A3



**LEGEND**

- DEVELOPMENT BOUNDARY
- CIE LAND OWNERSHIP
- EXISTING FENCING
- PROPOSED EMBANKMENT IN CUT
- PROPOSED EMBANKMENT IN FILL
- PROPOSED GABION WALL
- PROPOSED SHEET PILE WALL
- PROPOSED CULVERT / BRIDGE EXTENDED/WIDENED
- EXISTING STRUCTURE TO BE DEMOLISHED
- EXISTING OVERBRIDGE
- EXISTING OVERBRIDGE TO BE DEMOLISHED
- EXISTING UNDERBRIDGE
- EXISTING UNDERBRIDGE TO BE EXTENDED/WIDENED
- EXISTING RUNNING LINES
- EXISTING TRACK SLUED OR MODIFIED
- SIDINGS
- PROPOSED TRACKWORK
- EXISTING TRACKWORK TO BE REMOVED

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

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D01 V6V6

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

Drawing Title: PERMANENT WAY, ALIGNMENT AND PROFILES  
CH8220 TO CH8600

Drawing File Name: C745-WP3\_04-XX-XX-XXX-DR-MMD-PW-1022

Sheet 22 of 28

Date: 22/09/22  
Designed: D. ALDERSON  
Drawn: R. O'CONNOR  
Dwg check: K. STEPHENS  
Eng check: N. SAMACHETTY

Rev: P01  
Date: 22/09/22  
Drawn: RO  
Eng Check: NS  
Appr: PLANNING ISSUE

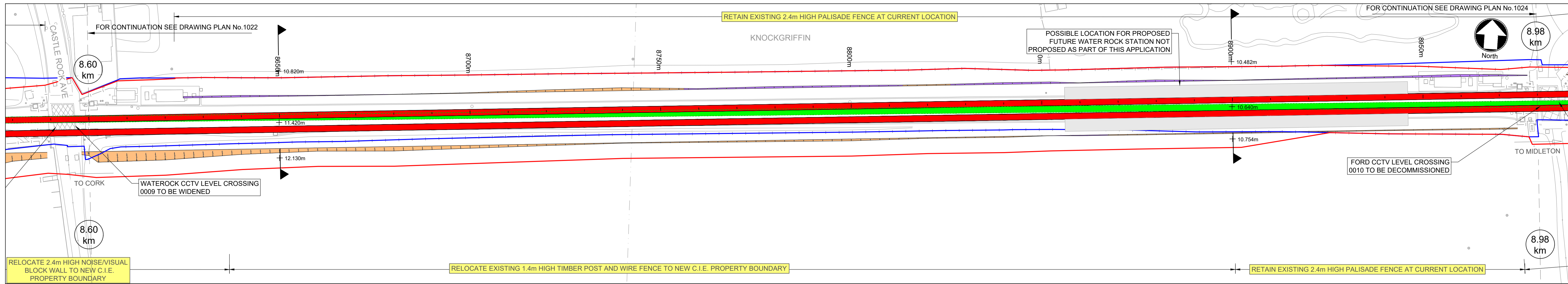
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Acceptance: S

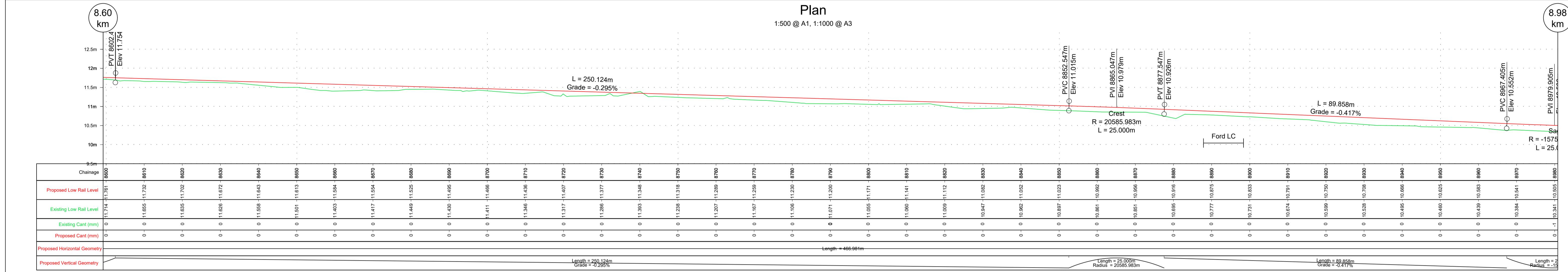
Purpose: P3

Rev: P01

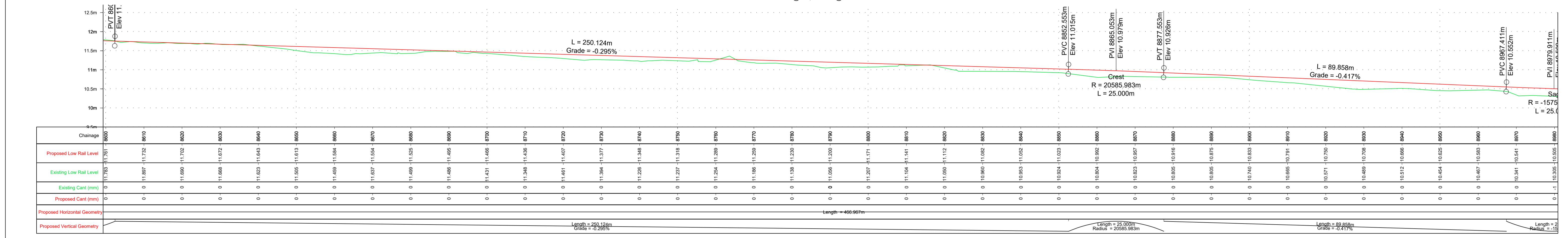




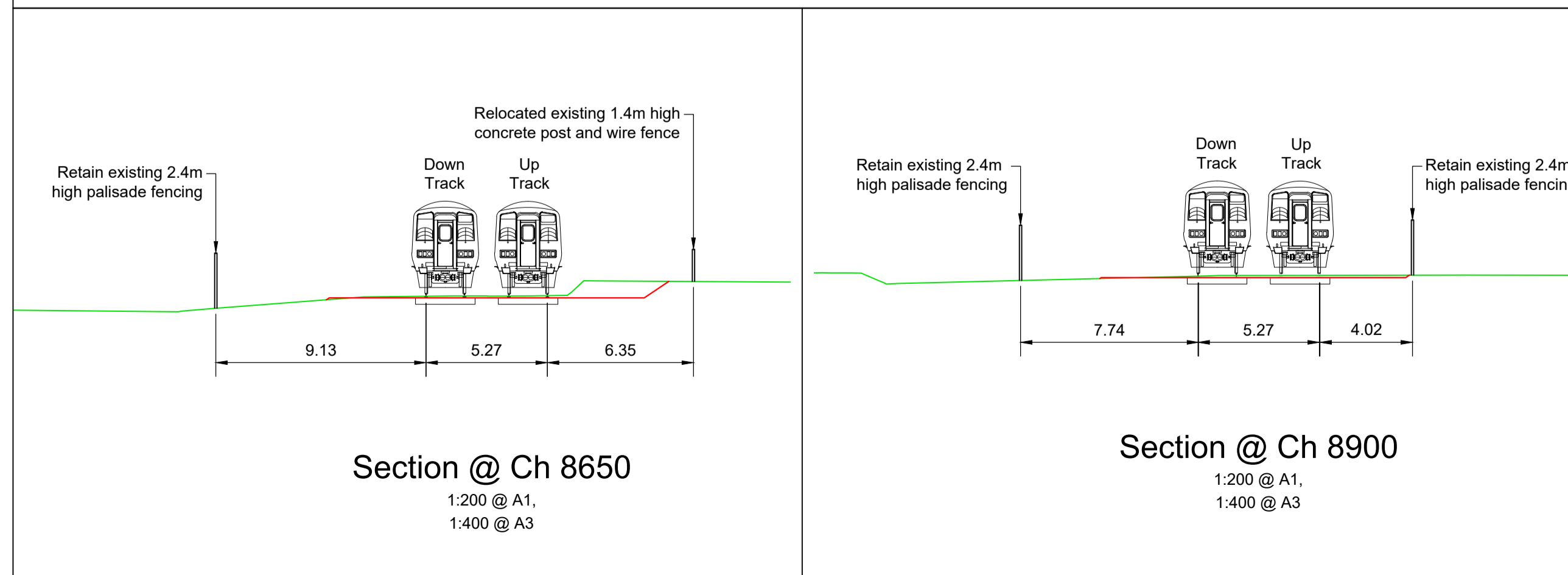
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Longsection Down Track  
1:500 @ A1, 1:1000 @ A3



Longsection Up Track  
1:500 @ A1, 1:1000 @ A3



**LEGEND**

- DEVELOPMENT BOUNDARY
- CIE LAND OWNERSHIP
- EXISTING FENCING
- PROPOSED EMBANKMENT IN CUT
- PROPOSED EMBANKMENT IN FILL
- PROPOSED GABION WALL
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- EXISTING STRUCTURE TO BE DEMOLISHED
- EXISTING OVERBRIDGE
- EXISTING OVERBRIDGE TO BE DEMOLISHED
- EXISTING UNDERBRIDGE
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SCALE 1:500 @ A1; 1:1000 @ A3

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**Iarnród Éireann Irish Rail**

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

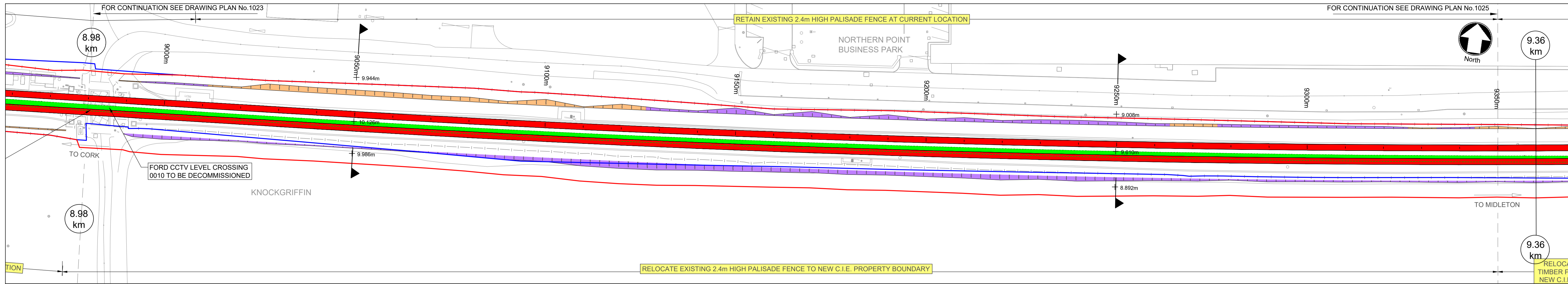
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Drawing File Name: C745-WP3 04-XX-XX-XXX-DR-MMD-PW-1023  
Sheet 23 of 28

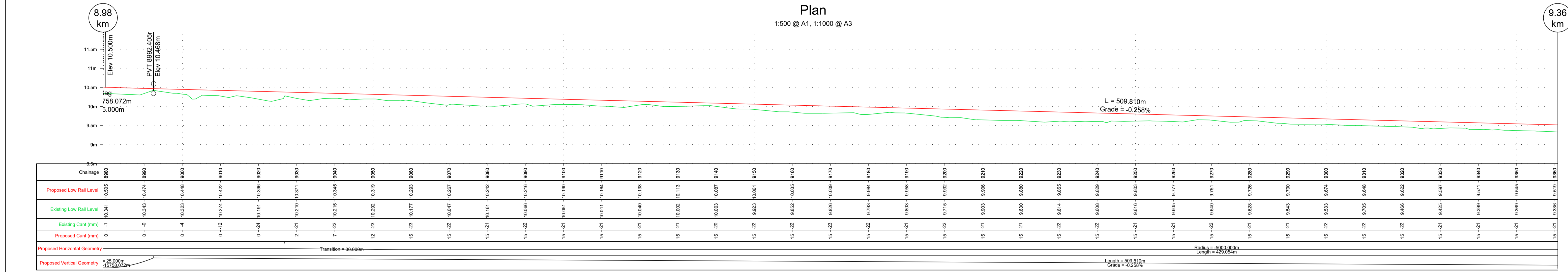
Date	22/09/22	Designed	D. ALDERSON	Drawn	R. O'CONNOR	Dwg check	K. STEPHENS	Eng check	N. SAMACHETTY
Rev		Date		Drawn		Dwg check		Eng check	

Scale @A1: AS SHOWN  
Scale @A3: AS SHOWN  
Acceptance S  
Purpose P3  
Rev P01

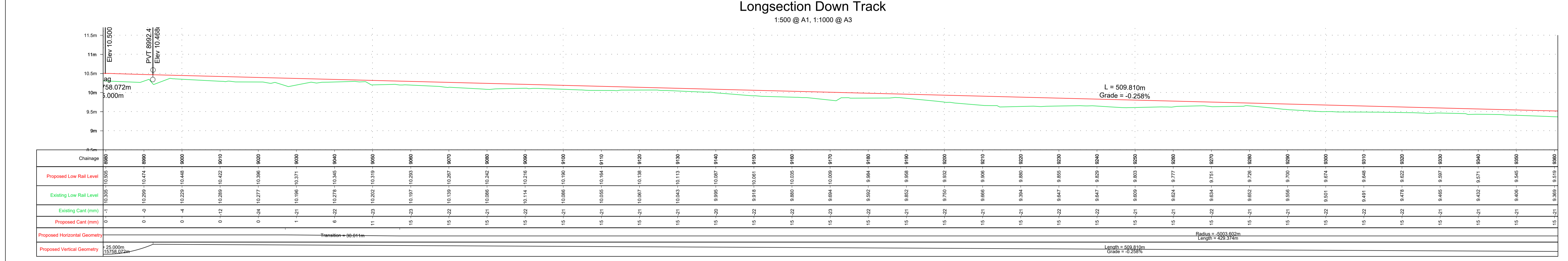




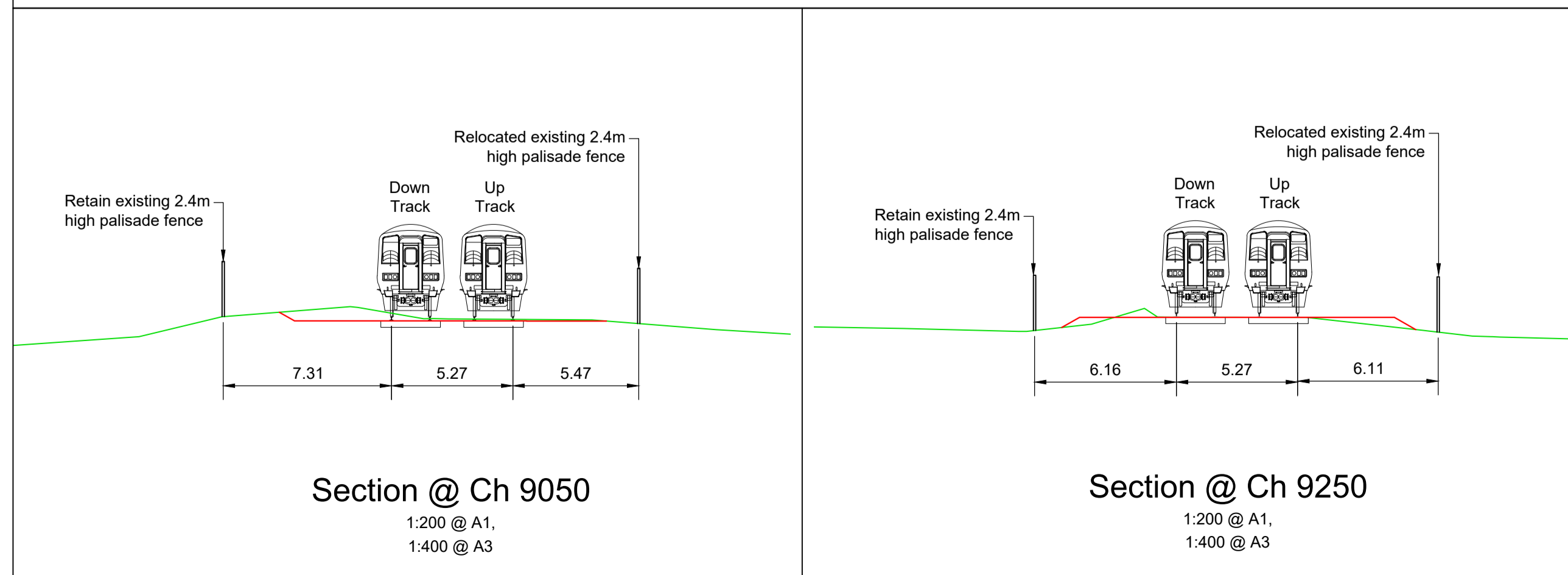
Plan  
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Longsection Down Track  
1:500 @ A1, 1:1000 @ A3



Longsection Up Track  
1:500 @ A1, 1:1000 @ A3



**LEGEND**

- DEVELOPMENT BOUNDARY
- CIE LAND OWNERSHIP
- EXISTING FENCING
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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: PERMANENT WAY, ALIGNMENT AND PROFILES CH8980 TO CH9360

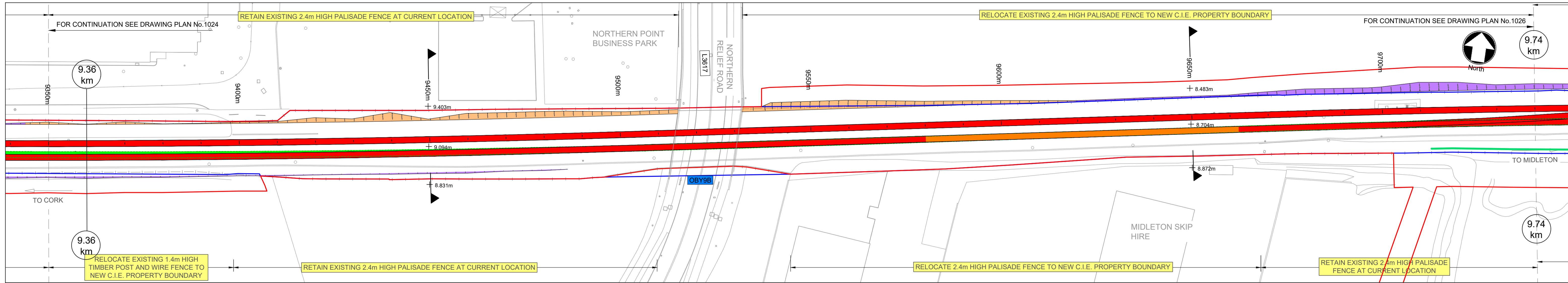
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Sheet 24 of 28

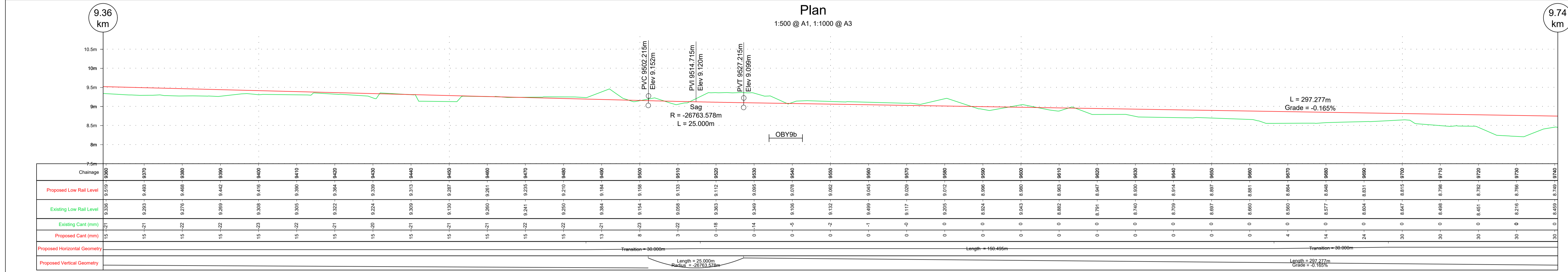
Date: 22/09/22, Designed: D. ALDERSON, Drawn: R. O'CONNOR, Dwg check: K. STEPHENS, Eng check: N. SAMACHETTY

Coordination: Approved, Scale @A1: AS SHOWN, Acceptance: S, Purpose: P3, Rev: P01

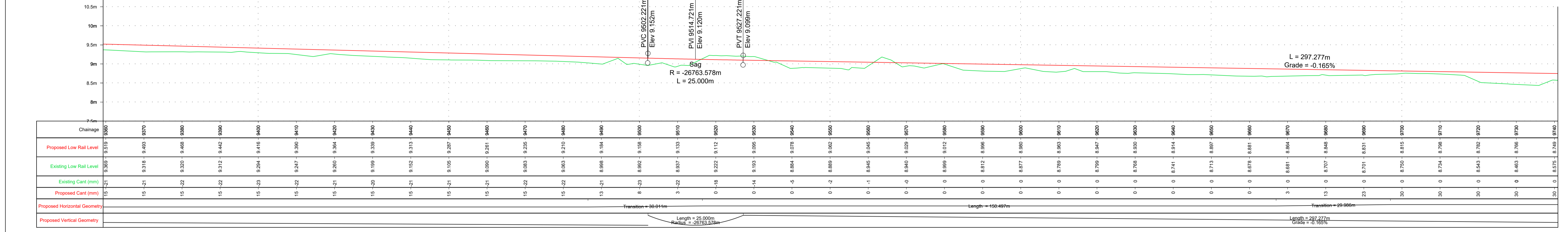




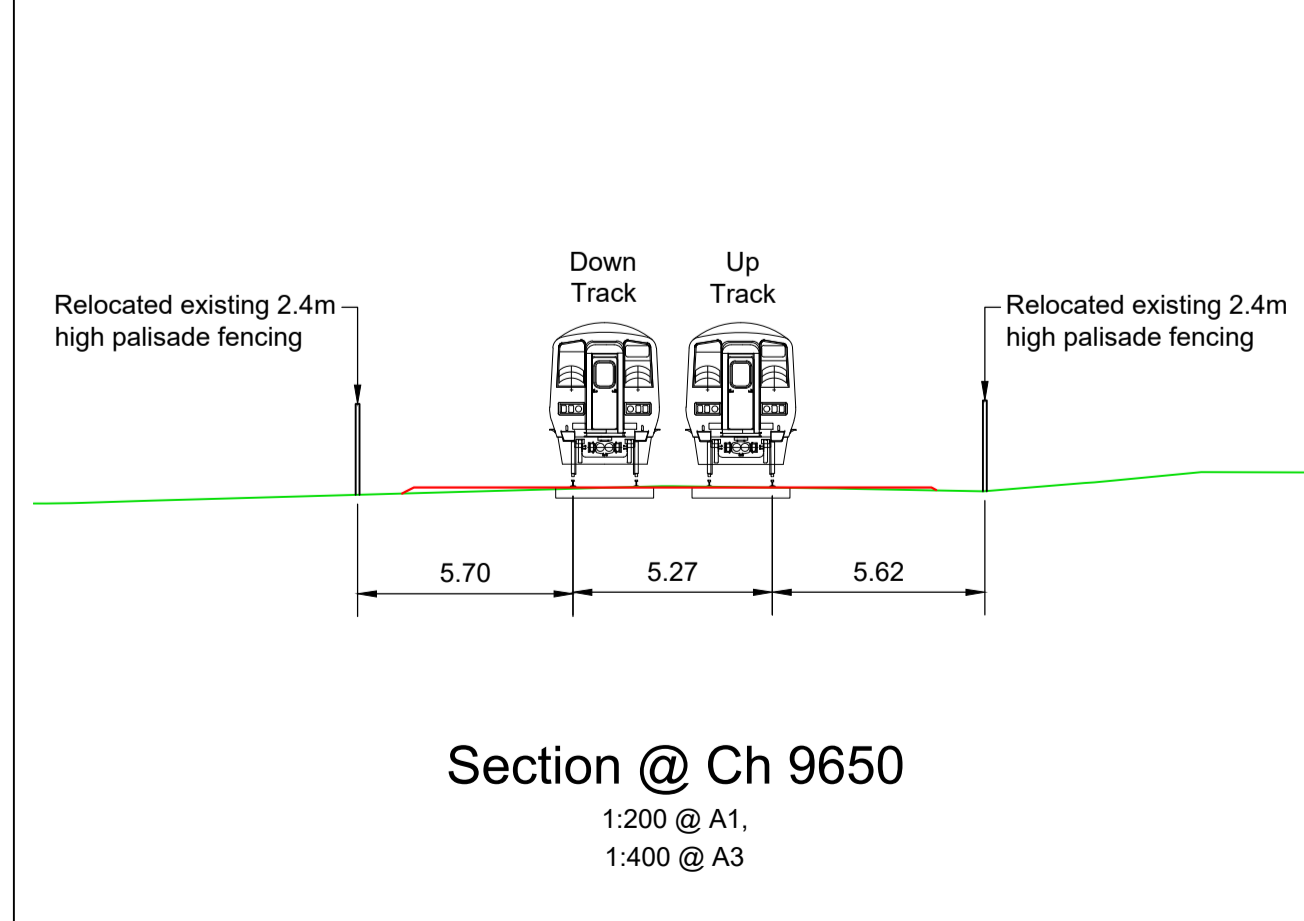
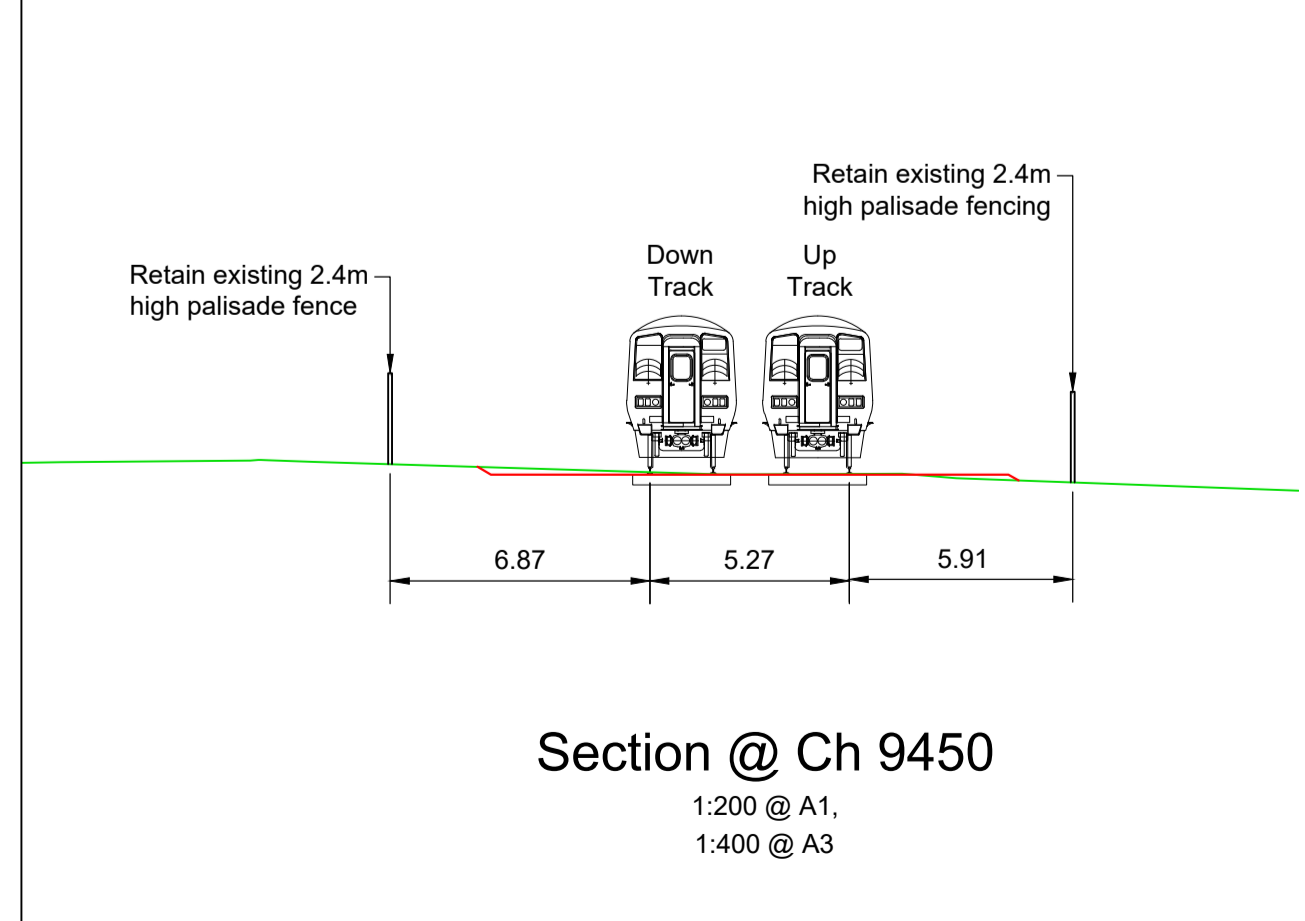
Plan  
1:500 @ A1, 1:1000 @ A3



Longsection Down Track  
1:500 @ A1, 1:1000 @ A3



Longsection Up Track  
1:500 @ A1, 1:1000 @ A3



**LEGEND**

- DEVELOPMENT BOUNDARY
- CIE LAND OWNERSHIP
- EXISTING FENCING
- PROPOSED EMBANKMENT IN CUT
- PROPOSED EMBANKMENT IN FILL
- PROPOSED GABION WALL
- PROPOSED SHEET PILE WALL
- PROPOSED CULVERT / BRIDGE EXTENDED/WIDENED
- EXISTING STRUCTURE TO BE DEMOLISHED
- EXISTING OVERBRIDGE
- EXISTING OVERBRIDGE TO BE DEMOLISHED
- EXISTING UNDERBRIDGE
- EXISTING UNDERBRIDGE TO BE EXTENDED/WIDENED
- EXISTING RUNNING LINES
- EXISTING TRACK SLUED OR MODIFIED
- SIDINGS
- PROPOSED TRACKWORK
- EXISTING TRACKWORK TO BE REMOVED

**NOTES:**

- THIS PLAN MUST BE READ IN CONJUNCTION WITH THE DRAFT RAILWAY ORDER SCHEDULES, THE ENVIRONMENTAL IMPACT ASSESSMENT REPORT AND THE WORKS LAYOUT PLANS.
- PROJECT CHAINAGE IS IN METRES (m).
- LONGITUDINAL VERTICAL ALIGNMENT MARKERS IN KILOMETRES (km)
- C.I.E LAND OWNERSHIP BOUNDARY IS VISIBLE IN AREAS WHERE ADDITIONAL LAND WILL BE ACQUIRED AS PART OF THE RO APPLICATION
- DEVELOPMENT BOUNDARY CONSISTS OF LAND CURRENTLY IN THE OWNERSHIP OF C.I.E., PERMANENT LANDTAKE & TEMPORARY LANDTAKE.

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

Rev	Date	Drawn	Eng Check	Appr	Description
P01	23/09/22	RO	NS		PLANNING ISSUE

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D01 V6V6

**Iarnród Éireann Irish Rail**

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

Drawing Title: PERMANENT WAY, ALIGNMENT AND PROFILES  
CH9360 TO CH9740

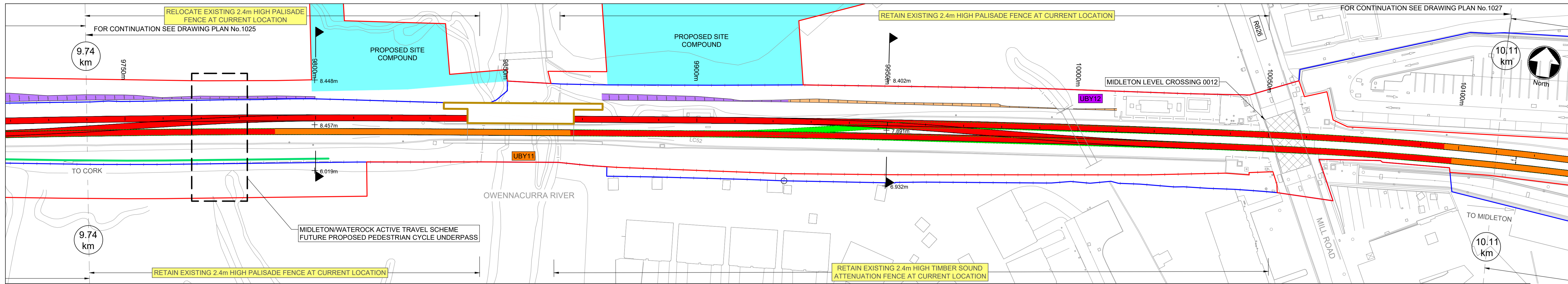
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Sheet 25 of 28

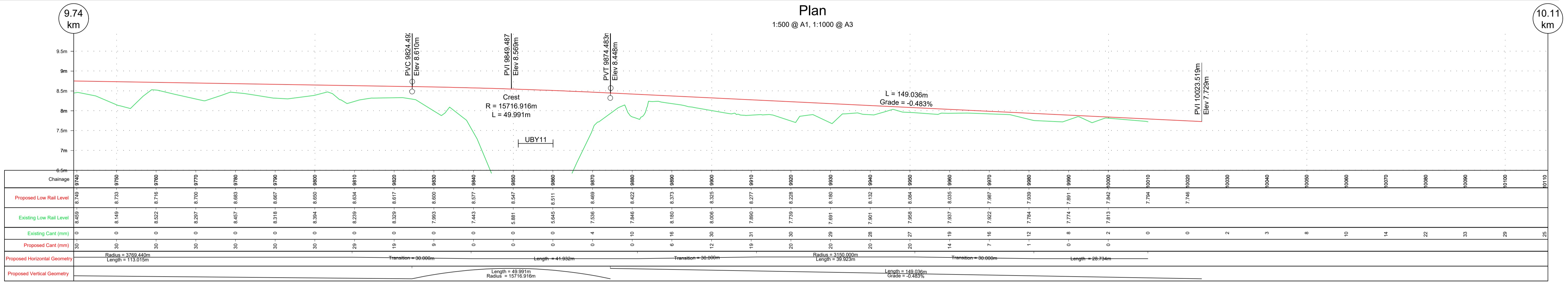
Date: 23/09/22  
Designed: D. ALDERSON  
Drawn: R. O'CONNOR  
Dwg check: K. STEPHENS  
Eng check: N. SAMACHETTY

Coordination: Approved  
Scale @A1: AS SHOWN  
Scale @A3: AS SHOWN  
Acceptance: S  
Purpose: P3  
Rev: P01

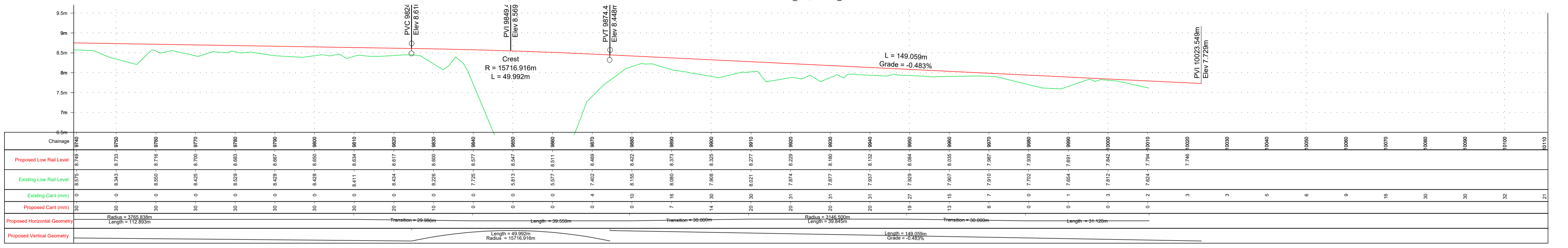




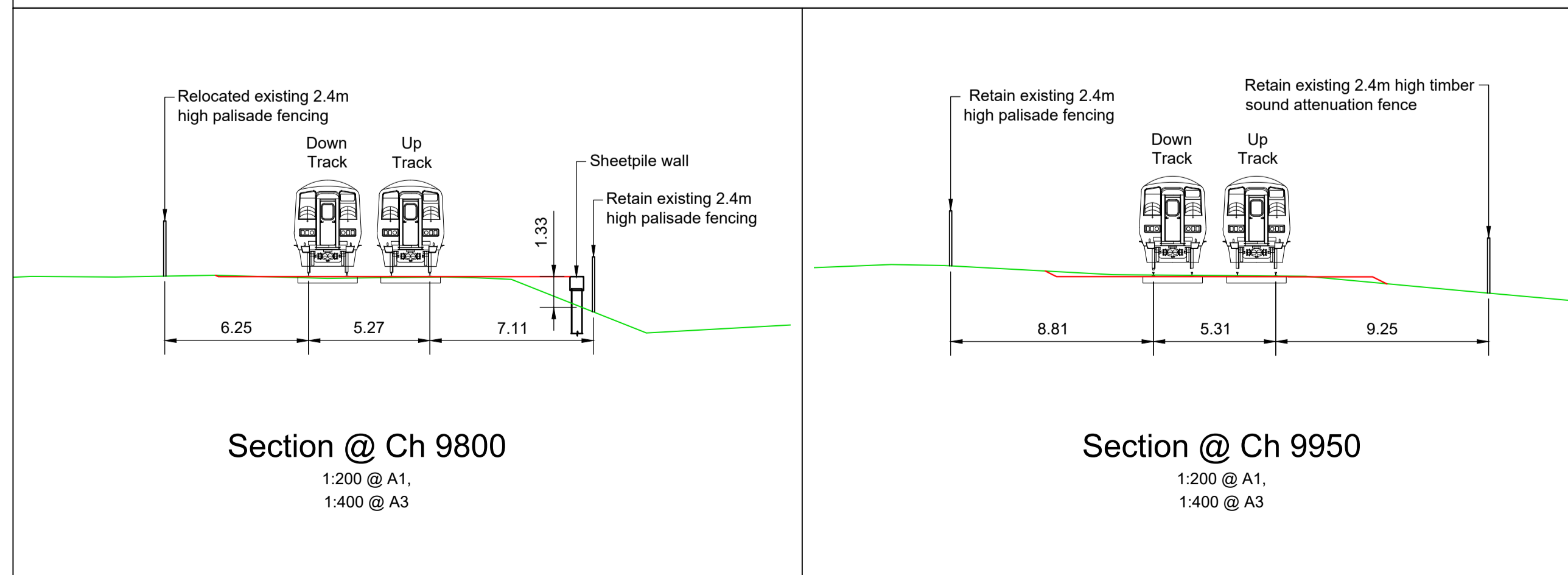
Plan  
1:500 @ A1, 1:1000 @ A3



Longsection Down Track  
1:500 @ A1, 1:1000 @ A3



Longsection Up Track  
1:500 @ A1, 1:1000 @ A3



**LEGEND**

- DEVELOPMENT BOUNDARY
- CIE LAND OWNERSHIP
- EXISTING FENCING
- PROPOSED EMBANKMENT IN CUT
- PROPOSED EMBANKMENT IN FILL
- PROPOSED GABION WALL
- PROPOSED SHEET PILE WALL
- PROPOSED CULVERT / BRIDGE EXTENDED/WIDENED
- EXISTING STRUCTURE TO BE DEMOLISHED
- EXISTING OVERBRIDGE
- EXISTING OVERBRIDGE TO BE DEMOLISHED
- EXISTING UNDERBRIDGE
- EXISTING UNDERBRIDGE TO BE EXTENDED/WIDENED
- EXISTING RUNNING LINES
- EXISTING TRACK SLUED OR MODIFIED
- SIDINGS
- PROPOSED TRACKWORK
- EXISTING TRACKWORK TO BE REMOVED

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

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**Iarnród Éireann Irish Rail**

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

Drawing Title: PERMANENT WAY, ALIGNMENT AND PROFILES  
CH9740 TO CH10120

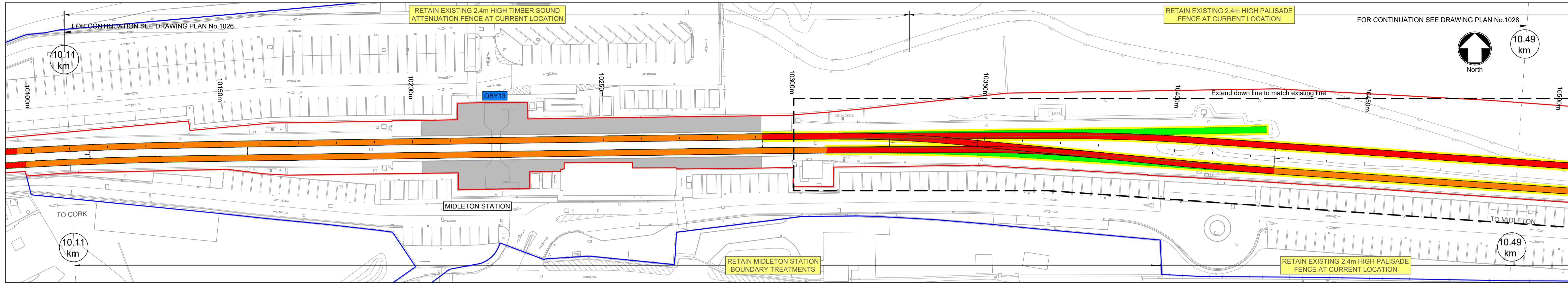
Drawing File Name: C745-WP3\_04-XX-XX-XXX-DR-MMD-PW-1026  
Sheet 26 of 28

Date: 23/09/22  
Designed: D. ALDERSON  
Drawn: R. O'CONNOR  
Dwg check: K. STEPHENS  
Eng check: N. SAMACHETTY

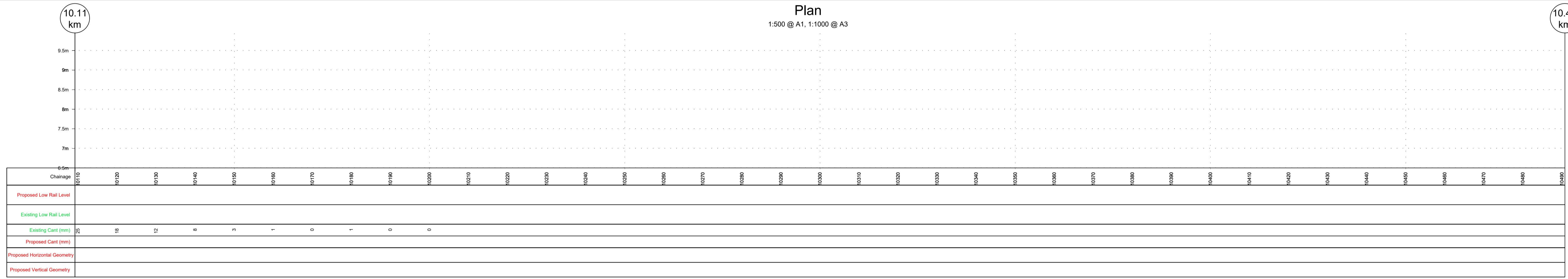
Rev: P01  
Date: 23/09/22  
Drawn: RO  
Eng Check: NS  
Appr: PLANNING ISSUE  
Description:

Coordination: Approved  
Scale @A1: AS SHOWN  
Scale @A3: AS SHOWN  
Acceptance: S  
Purpose: P3  
Rev: P01

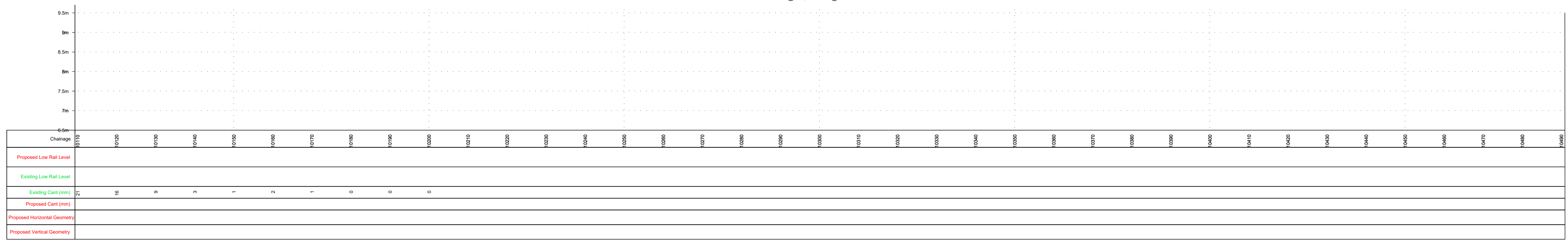




Plan  
1:500 @ A1, 1:1000 @ A3



Longsection Down Track  
1:500 @ A1, 1:1000 @ A3



Longsection Up Track  
1:500 @ A1, 1:1000 @ A3

No change to existing cross-section

No change to existing cross-section

**LEGEND**

- DEVELOPMENT BOUNDARY
- CIE LAND OWNERSHIP
- EXISTING FENCING
- TOP OF EMBANKMENT
- TOP OF UNDERCUT
- PROPOSED EMBANKMENT IN CUT
- PROPOSED EMBANKMENT IN FILL
- PROPOSED GABION WALL
- PROPOSED SHEET PILE WALL
- PROPOSED CULVERT / BRIDGE EXTENDED/WIDENED
- EXISTING STRUCTURE TO BE DEMOLISHED
- EXISTING OVERBRIDGE
- EXISTING OVERBRIDGE TO BE DEMOLISHED
- EXISTING UNDERBRIDGE
- EXISTING UNDERBRIDGE TO BE EXTENDED/WIDENED
- EXISTING RUNNING LINES
- EXISTING TRACK SLUED OR MODIFIED
- SIDINGS
- PROPOSED TRACKWORK
- or  EXISTING TRACKWORK TO BE REMOVED

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

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D01 V6V6

**Iarnród Éireann Irish Rail**

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

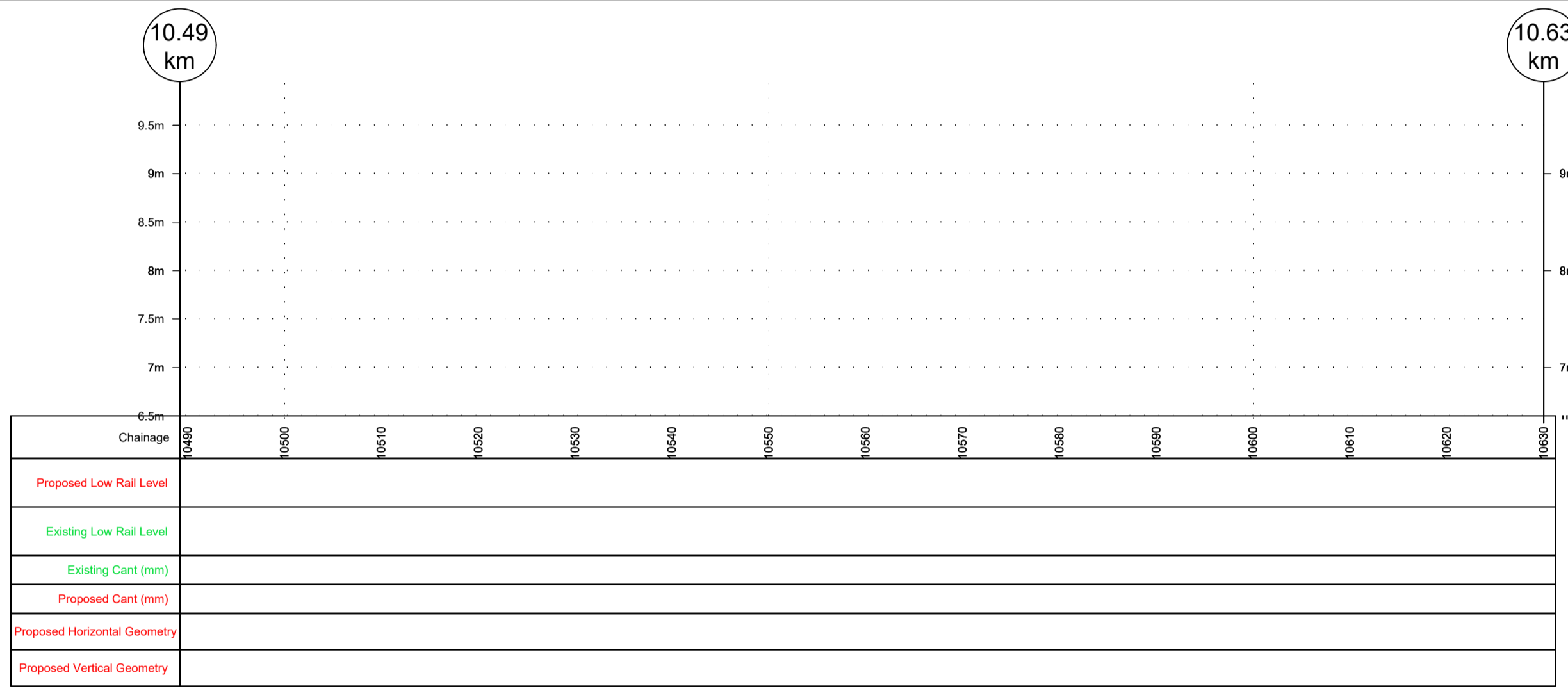
Drawing Title: PERMANENT WAY, ALIGNMENT AND PROFILES  
CH10120 TO CH10500

Date	22/09/22	Designed	D. ALDERSON	Drawn	R. O'CONNOR	Dwg check	K. STEPHENS	Eng check	N. SAMACHETTY	
Rev		Date		Drawn		Eng Check		Appr		
Description: PLANNING ISSUE										
Drawing File Name	C745-WP3 04-XX-XX-XXX-DR-MMD-PW-1027								Sheet	27 of 28
Coordination	Approved	Scale @A1: AS SHOWN	Acceptance	Purpose	Rev					
		Scale @A3: AS SHOWN	S	P3	P01					

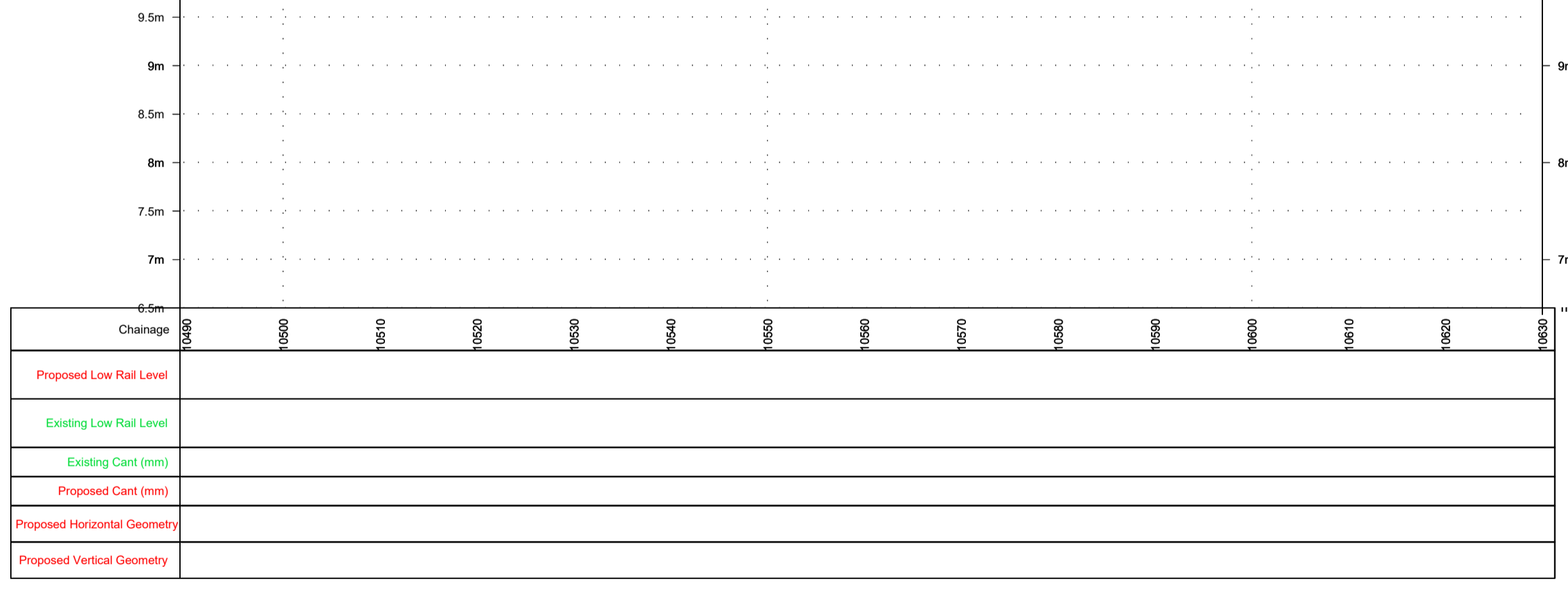




Plan  
1:500 @ A1, 1:1000 @A3



Longsection Down Track  
1:500 @ A1, 1:1000 @A3



Longsection Up Track  
1:500 @ A1, 1:1000 @A3

No change to existing cross-section

No change to existing cross-section

**LEGEND**

	DEVELOPMENT BOUNDARY
	CIE LAND OWNERSHIP
	EXISTING FENCING
	PROPOSED EMBANKMENT IN CUT
	PROPOSED EMBANKMENT IN FILL
	PROPOSED GABION WALL
	PROPOSED SHEET PILE WALL
	PROPOSED CULVERT / BRIDGE EXTENDED/WIDENED
	EXISTING STRUCTURE TO BE DEMOLISHED
	EXISTING OVERBRIDGE
	EXISTING OVERBRIDGE TO BE DEMOLISHED
	EXISTING UNDERBRIDGE
	EXISTING UNDERBRIDGE TO BE EXTENDED/WIDENED
	EXISTING RUNNING LINES
	EXISTING TRACK SLUED OR MODIFIED
	SIDINGS
	PROPOSED TRACKWORK
	EXISTING TRACKWORK TO BE REMOVED

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

Date	Drawn	Eng Check	Appr	Description
22/09/22	D. ALDERSON	R. O'CONNOR	K. STEPHENS	PLANNING ISSUE

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**Iarnród Éireann Irish Rail**

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

Drawing Title: PERMANENT WAY, ALIGNMENT AND PROFILES  
CH10500 TO CH10630

Drawing File Name: C745-WP3\_04-XX-XX-XXX-DR-MMD-PW-1028

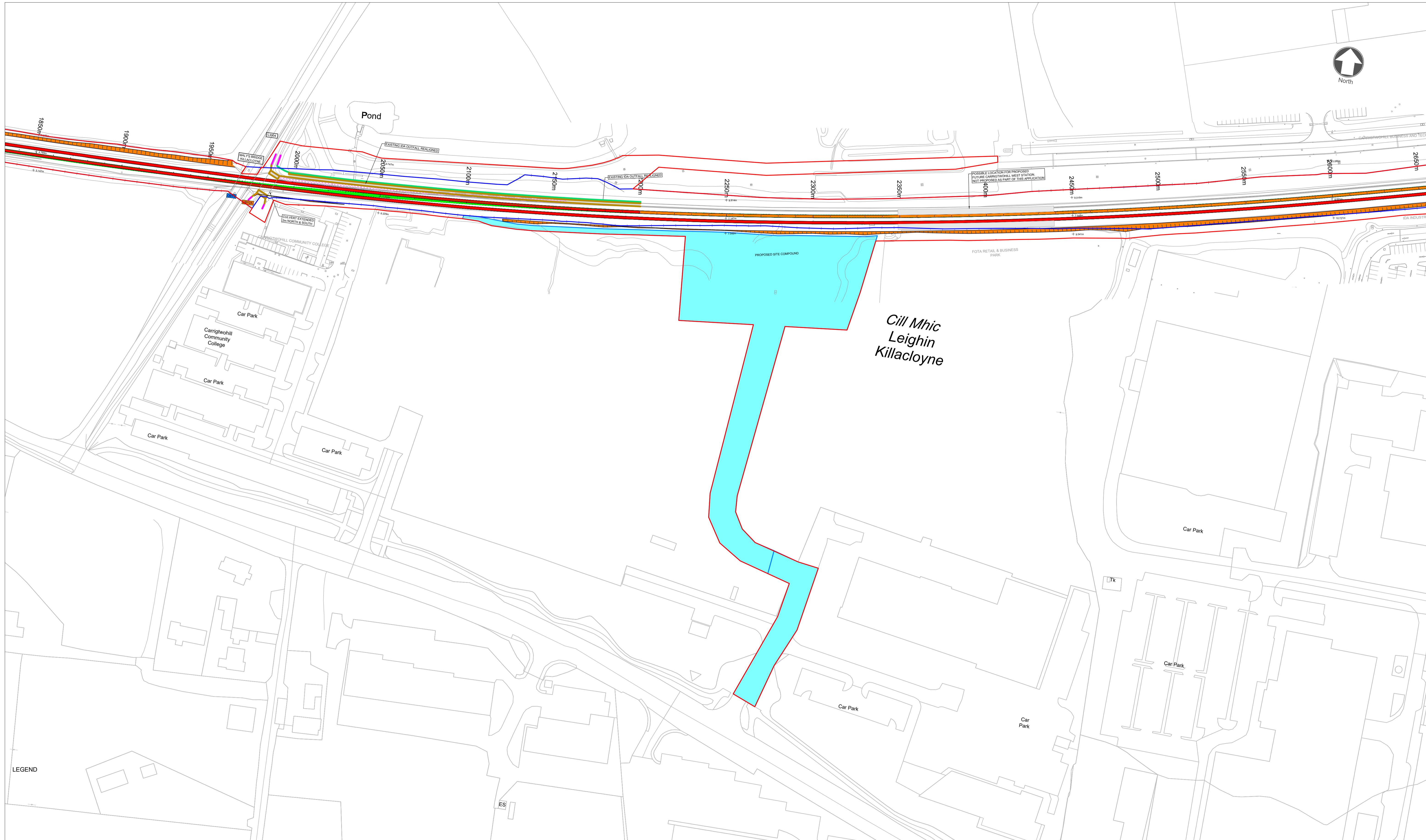
Sheet 28 of 28

Coordination: Approved  
Scale @A1: AS SHOWN  
Scale @A3: AS SHOWN  
Acceptance: S  
Purpose: P3  
Rev: P01









**LEGEND:**

	DEVELOPMENT BOUNDARY
	CIE LAND OWNERSHIP
	EXISTING FENCING
	PROPOSED EMBANKMENT IN CUT
	PROPOSED EMBANKMENT IN FILL
	PROPOSED SITE COMPOUND
	EXISTING RUNNING LINES
	EXISTING TRACK SLUED OR MODIFIED
	SIDINGS
	PROPOSED TRACKWORK
	EXISTING TRACKWORK TO BE REMOVED

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

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SCALE 1:1000 @ A1; 1:2000 @ A3

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**Iarnród Éireann**  
**Irish Rail**

**CIE**

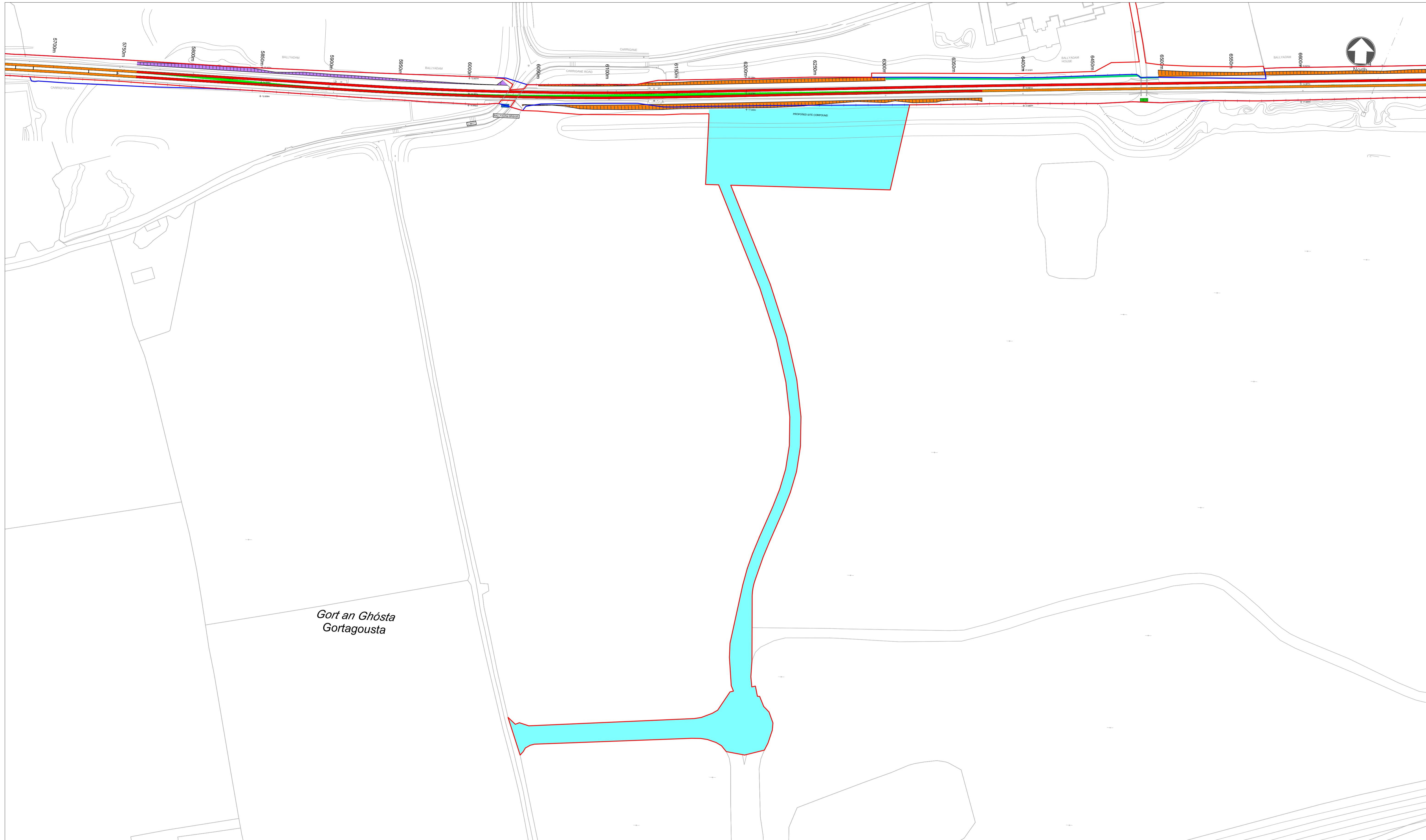
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Rev	Date	Drawn	Eng Check	Appr	Description
P01	27/10/22	IM	NS	JM	PLANNING ISSUE
27/10/22		Designed I.MANGOUROV	Drawn I.MANGOUROV	Dwg check R.OCONNOR	Eng check N.SAMACHETTY

Project Title <b>CORK AREA COMMUTER RAIL GLOUNTHAUNE - MIDLETON TWIN TRACK</b>	
Drawing Title <b>SITE COMPOUND GENERAL ARRANGEMENT CH2220 to CH2385</b>	
Drawing File Name <b>C745-WP3 04-XX-XX-XXX-DR-MMD-PW-2202</b>	Sheet <b>2 of 5</b>
Coordination N.SAMACHETTY	Approved J.MCINERNEY
Scale @A1: 1:1000 Scale @A3: 1:2000	Acceptance <b>S</b>
Purpose <b>P3</b>	Rev <b>P01</b>





**LEGEND:**

	DEVELOPMENT BOUNDARY
	CIE LAND OWNERSHIP
	EXISTING FENCING
	PROPOSED EMBANKMENT IN CUT
	PROPOSED EMBANKMENT IN FILL
	PROPOSED SITE COMPOUND
	EXISTING RUNNING LINES
	EXISTING TRACK SLUED OR MODIFIED
	SIDINGS
	PROPOSED TRACKWORK
	EXISTING TRACKWORK TO BE REMOVED

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

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0 12.5 25 50 75 100 125m

SCALE 1:1250 @ A1; 1:2500 @ A3

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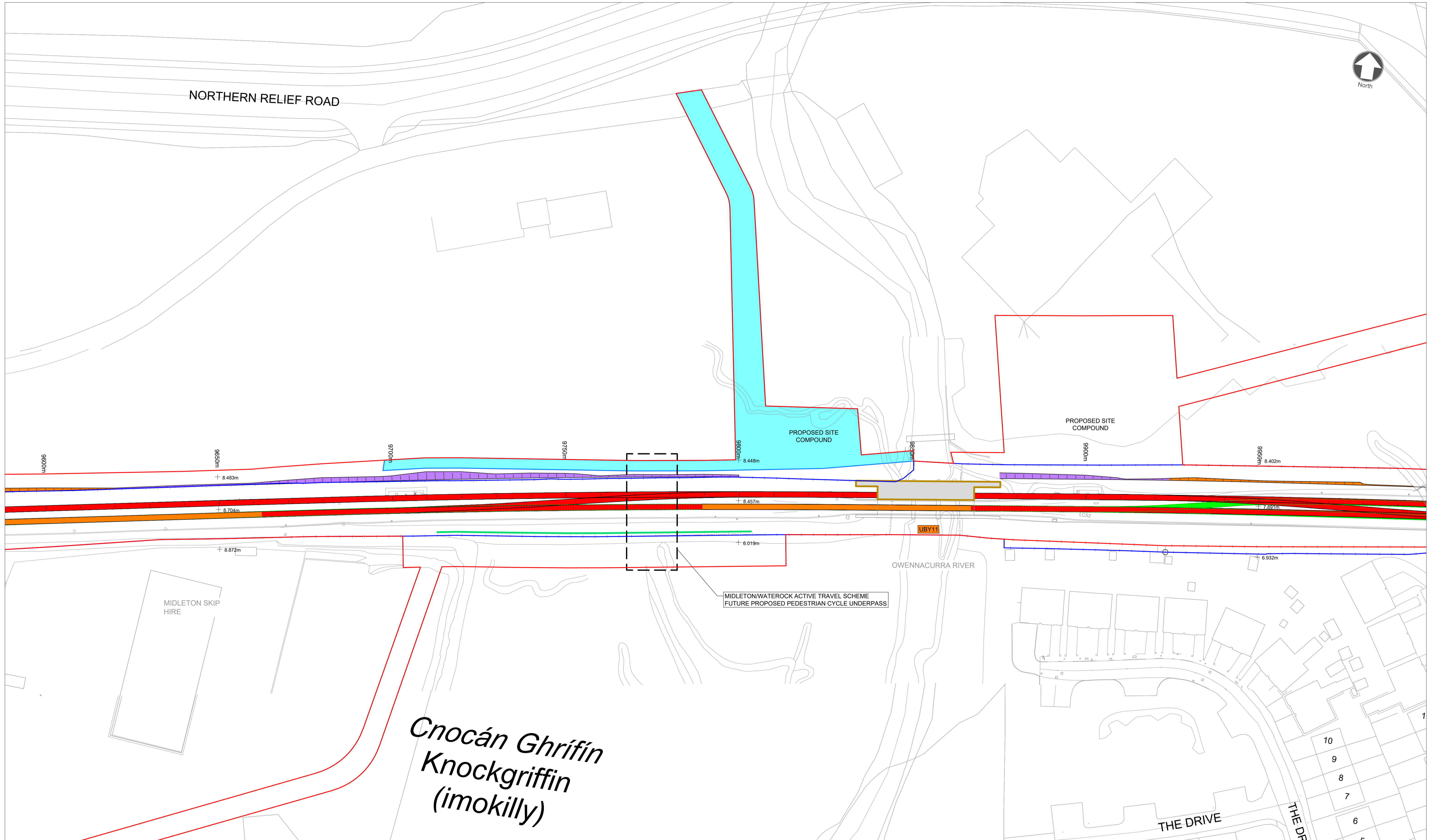
Rev	Date	Drawn	Eng Check	Appr	Description
P01	27/10/22	IM	NS	JM	PLANNING ISSUE
Date	27/10/22	Designed	I.MANGOUROV	Drawn	I.MANGOUROV
		Dwg check	R.O'CONNOR	Eng check	N.SAMACHETTY

Project Title		CORK AREA COMMUTER RAIL GLOUNTHAUNE - MIDLETON TWIN TRACK	
Drawing Title		SITE COMPOUND GENERAL ARRANGEMENT CH6170 to CH6320	
Drawing File Name	C745-WP3_04-XX-XX-XXX-DR-MMD-PW-2203	Sheet	3 of 5
Coordination	N.SAMACHETTY	Approved	J.MCINERNEY
Scale @A1:	1:1250	Acceptance	S
Scale @A3:	1:2500	Purpose	P3
		Rev	P01





NORTHERN RELIEF ROAD



MIDLETON SKIP HIRE

*Cnocán Ghrífin  
Knockgriffin  
(imokilly)*

MIDLETON/WATERROCK ACTIVE TRAVEL SCHEME  
FUTURE PROPOSED PEDESTRIAN CYCLE UNDERPASS

OWENNACURRA RIVER

UBY11

PROPOSED SITE COMPOUND

9900m

9956m

8.402m

7.891m

6.932m

6.019m

8.872m

8.457m

8.483m

9700m

9750m

9800m

9850m

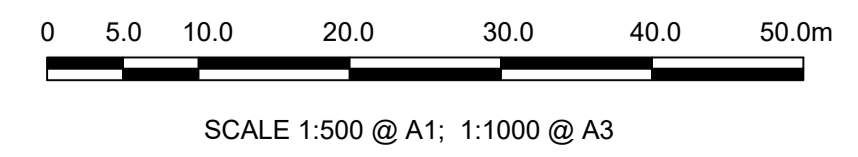
**LEGEND:**

	DEVELOPMENT BOUNDARY
	CIE LAND OWNERSHIP
	EXISTING FENCING
	PROPOSED EMBANKMENT IN CUT
	PROPOSED EMBANKMENT IN FILL
	PROPOSED SITE COMPOUND
	EXISTING RUNNING LINES
	EXISTING TRACK SLUED OR MODIFIED
	SIDINGS
	PROPOSED TRACKWORK
	EXISTING TRACKWORK TO BE REMOVED

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

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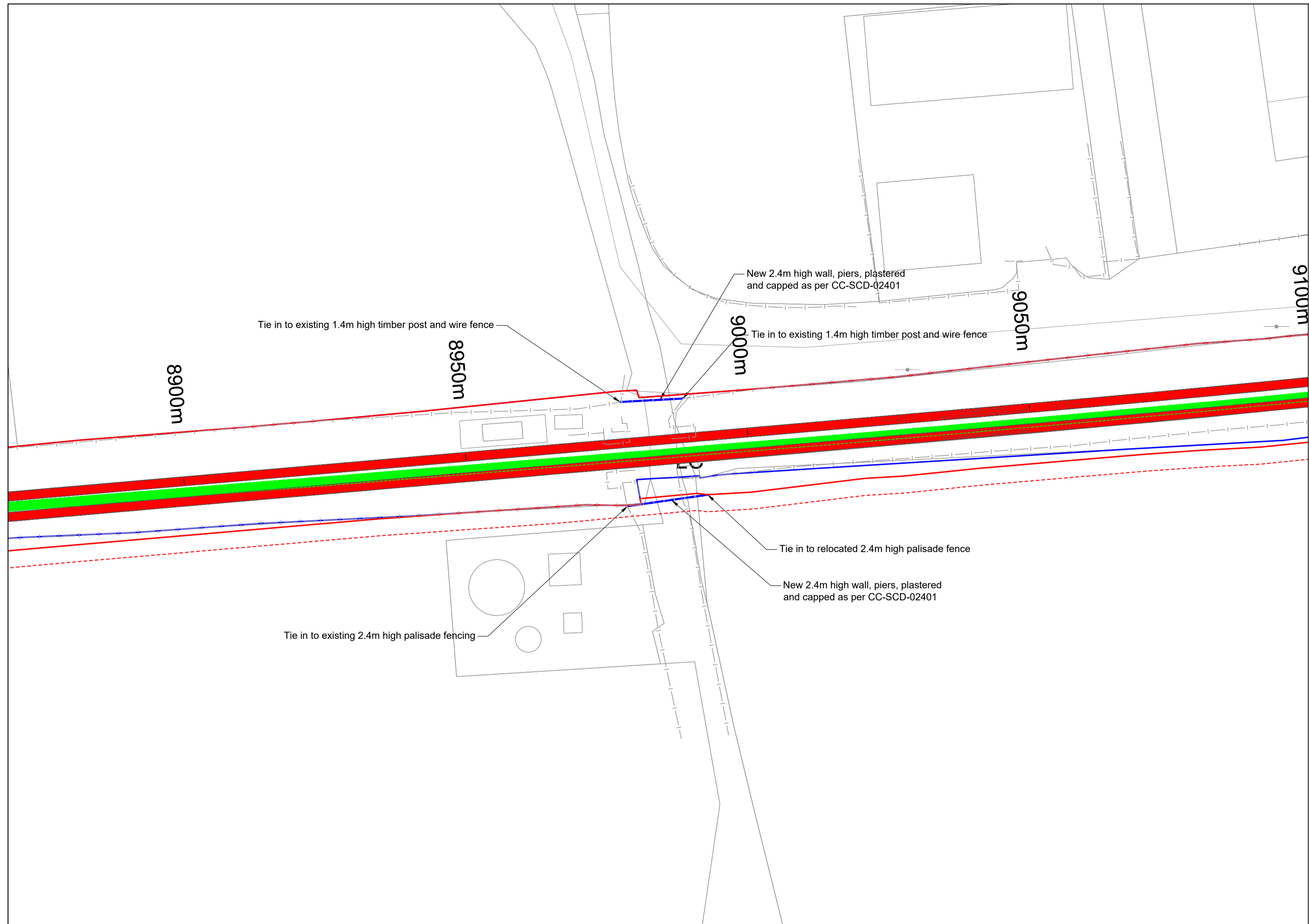
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Iarnród Éireann-Irish Rail						CORK AREA COMMUTER RAIL					
Connolly Station						GLOUNTHAUNE - MIDLETON TWIN TRACK					
Amiens Street						Drawing Title					
Dublin 1						SITE COMPOUND					
D01 V8V6						GENERAL ARRANGEMENT					
						CH9800 to CH9840					
						Drawing File Name					
						C745-WP3 04-XX-XX-XXX-DR-MMD-PW-2204					
						Sheet 4 of 5					
						Rev P01					
						Date 27/10/22					
						Designed I.MANGOUROV					
						Drawn I.MANGOUROV					
						Dwg check R.O'CONNOR					
						Eng check N.SAMACHETTY					
						Scale @A1: 1:500					
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						Acceptance S					
						Purpose P3					
						Rev P01					

DO NOT SCALE USE FIGURED DIMENSIONS ONLY

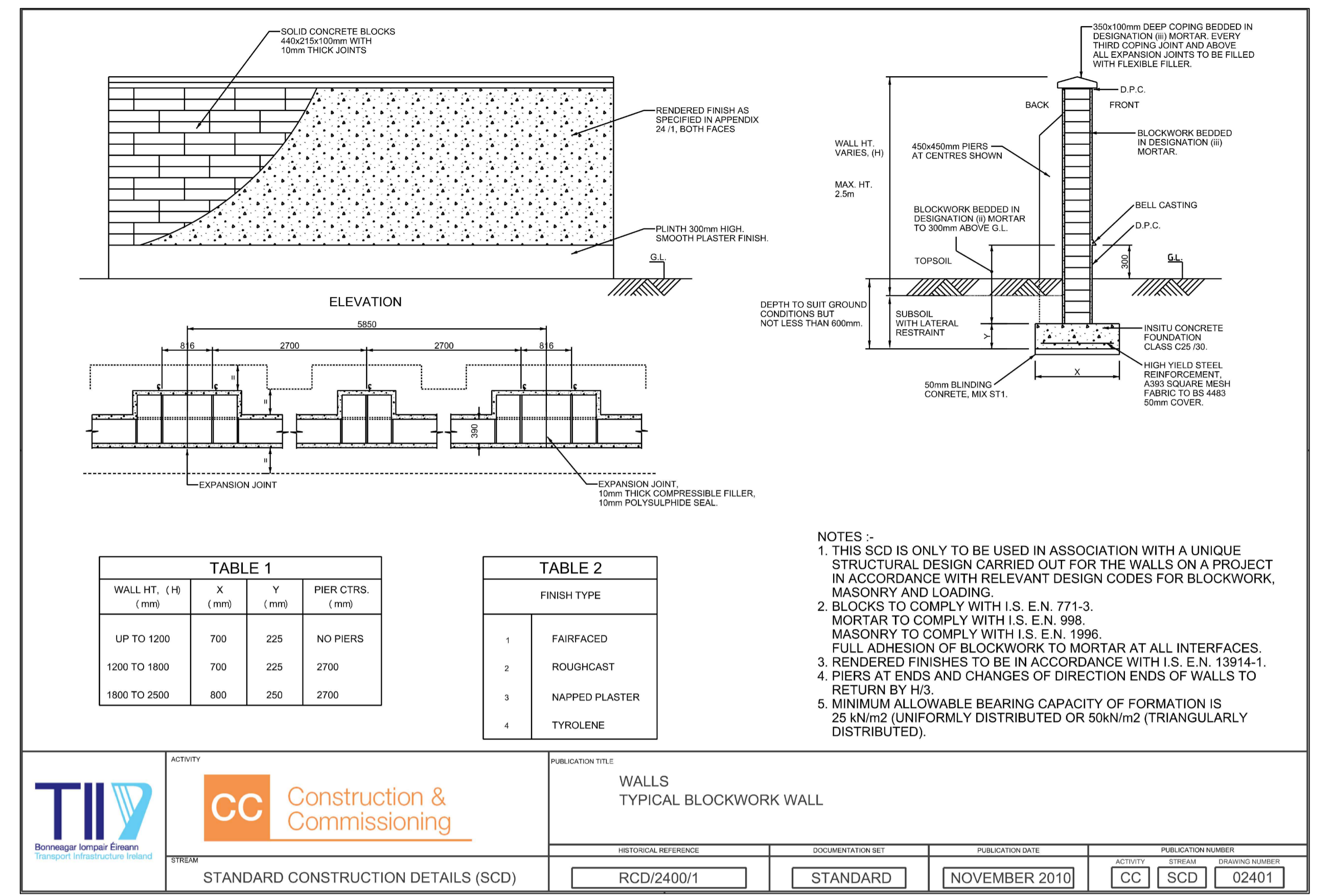








PLAN  
Scale: 1:500



TYPICAL BLOCKWORK WALL/ CC-SCD-02401  
Scale: NTS



LEGEND

- SITE BOUNDARY PERMANENT LAND TAKE
- SITE BOUNDARY TEMPORARY LAND TAKE
- CIE LAND OWNERSHIP
- EXISTING FENCING
- BLOCKWORK WALL
- PROPOSED TRACKWORK
- EXISTING TRACKWORK TO BE REMOVED

Date	Designed	Drawn	Dwg check	Eng check
27/10/22	R. TIWARI	R. O'CONNOR	I. MANGOUROV	N. SAMACHETTY

Rev	Date	Drawn	Eng Check	Appr	Description
P01	27/10/22	RO	NS	JM	PLANNING ISSUE

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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: GENERAL ARRANGEMENT CLOSURE OF DECOMMISSIONED LEVEL CROSSING AT CH.8980 107.E.93

Drawing File Name: C745-WP3 04-XX-XX-XXX-DR-MMD-PW-2301

Sheet 1 of 1

Coordination	Approved	Scale @A1: AS SHOWN	Acceptance	Purpose	Rev
N.SAMACHETTY	J.MCINERNEY	Scale @A3: AS SHOWN	S	P3	P01



