



MetroWest+

Portishead Branch Line (MetroWest Phase 1)

TR040011

Applicant: North Somerset District Council

2.9 Longitudinal Profile of Railway Alignment (Section Plans)

The Infrastructure Planning (Applications: Prescribed Forms and Procedure) Regulations 2009, regulation 6(2)(a)
Planning Act 2008

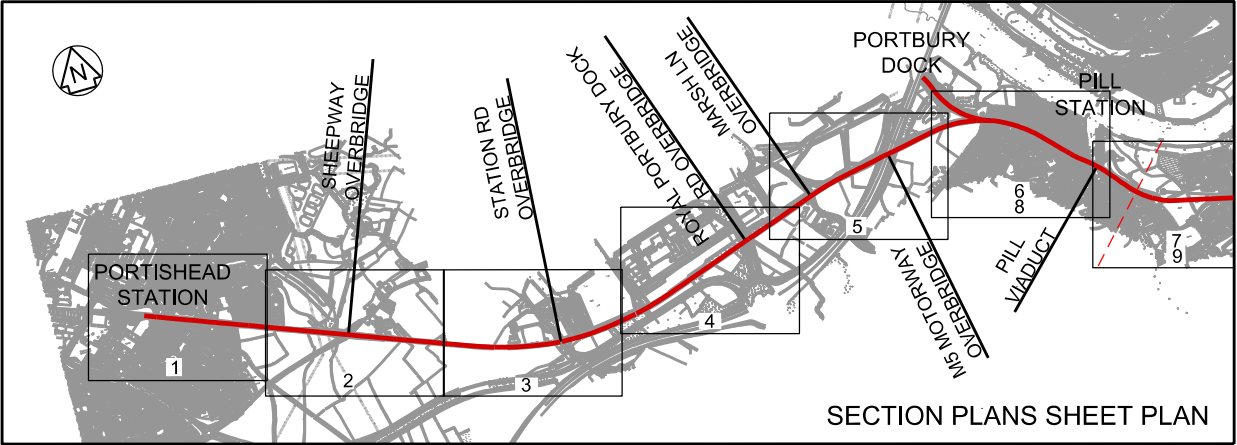
Author: Arup

Date: November 2019



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	Longitudinal Profile of Railway Alignment Section Plans - Sheet 3	The Infrastructure Planning (Applications: Prescribed Forms and Procedure) Regulations 2009, regulation 6(2)(a)	W1097B-ARP-DRG-ETR-001303 Rev A03
	Longitudinal Profile of Railway Alignment Section Plans - Sheet 4	The Infrastructure Planning (Applications: Prescribed Forms and Procedure) Regulations 2009, regulation 6(2)(a)	W1097B-ARP-DRG-ETR-001304 Rev A03
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	Longitudinal Profile of Railway Alignment Section Plans - Sheet 9	The Infrastructure Planning (Applications: Prescribed Forms and Procedure) Regulations 2009, regulation 6(2)(a)	W1097B-ARP-DRG-ETR-001309 Rev A03

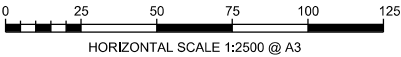
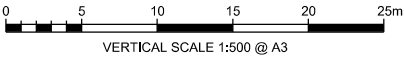
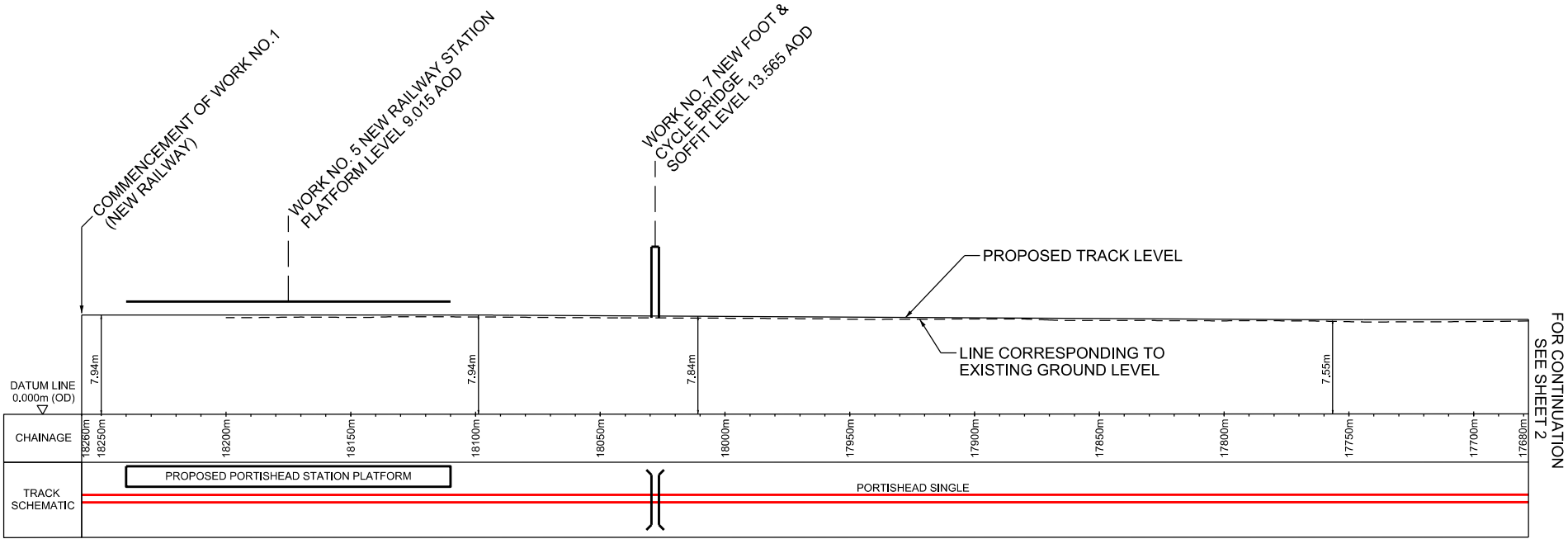


LIST OF WORKS SHOWN
ON THIS DRAWING

WORK NO. 1 - NEW RAILWAY
WORK NO. 5 - NEW RAILWAY STATION
WORK NO. 7 - NEW FOOT & CYCLE BRIDGE

- Legend/Notes
1. FOR CORRESPONDING WORKS PLAN SEE WORKS PLAN SHEET 1 (REF. DRAWING NO. 674946.BQ.42.01-301).
 2. FOR NON-SUPERELEVATED TRACK, LOWER SURFACE OF RAIL USED TO INDICATE PROPOSED LEVELS.
 3. WHEN THE TRACK HAS SUPERELEVATION (CANT), AN AVERAGE LEVEL IS SHOWN.

SECTION WORK NO. 1
(NEW RAILWAY)



A03	23/09/19	FOR DCO APPLICATION	JB	RS	RS
Rev	Date	Description of Revisions	Drawn	Chkd	Appr
Status					Suitability
FIT FOR INFORMATION					S2



Contractor(s)

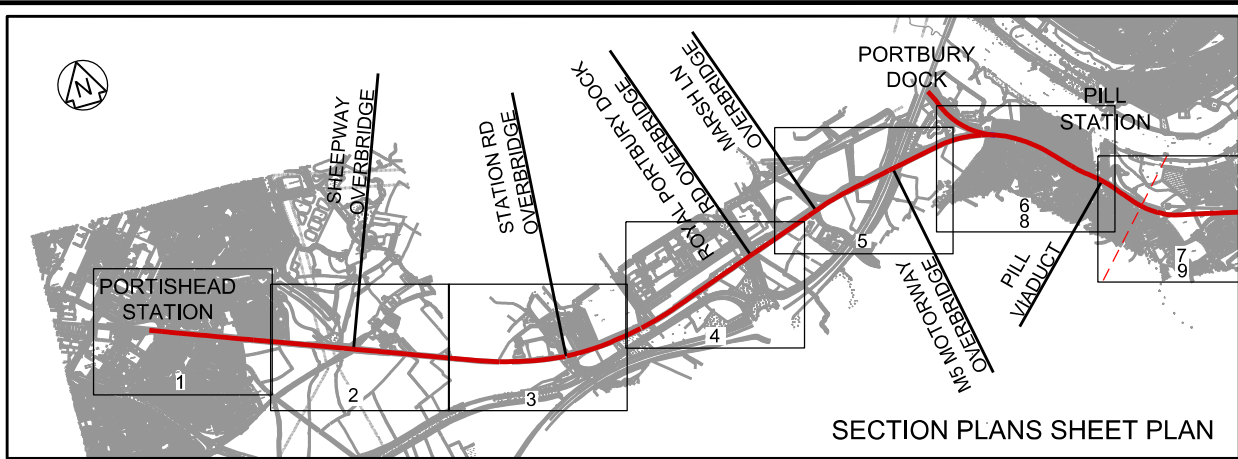


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Project
METROWEST PHASE 1

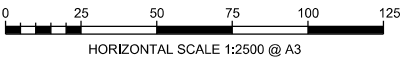
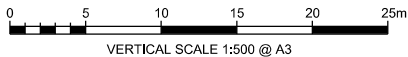
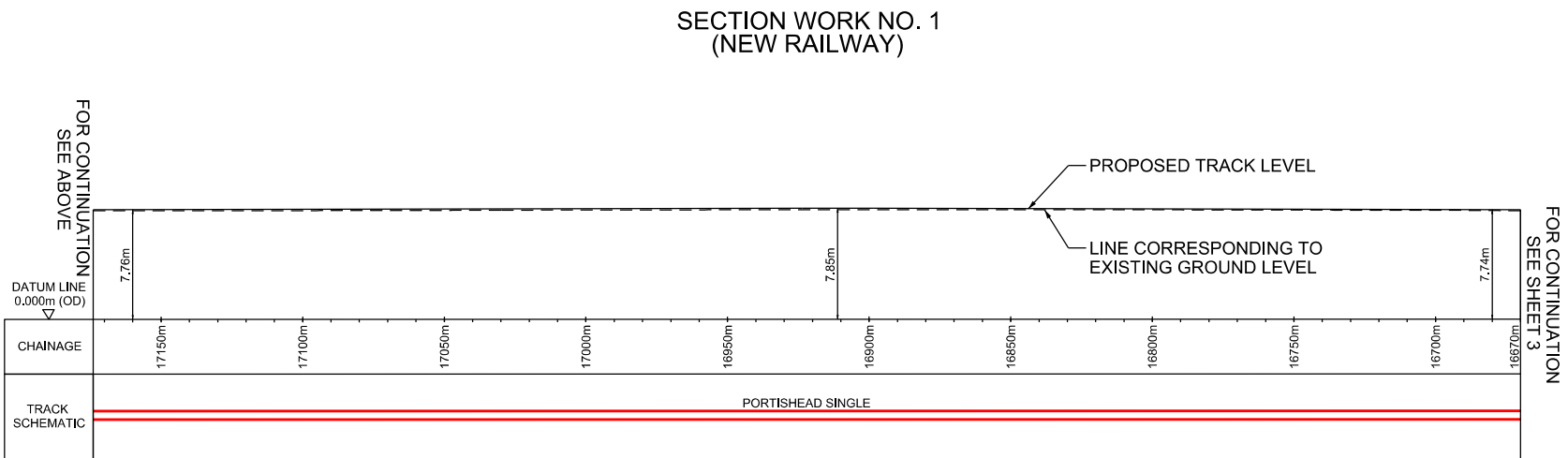
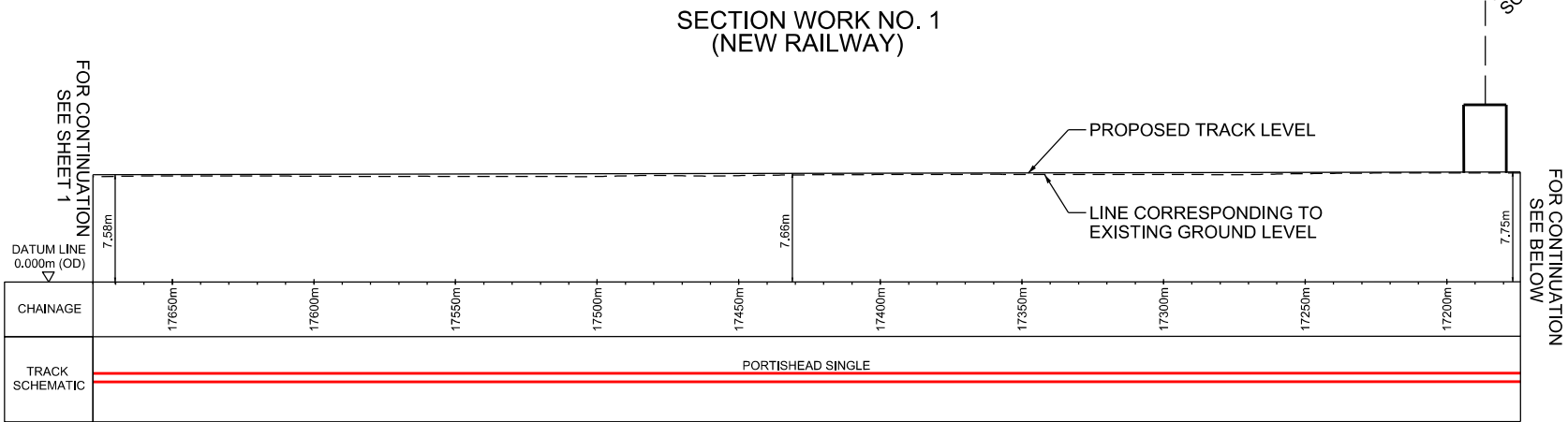
Drawing Title
LONGITUDINAL PROFILE OF
RAILWAY ALIGNMENT
SECTIONS PLANS - SHEET 1

Designed	J. BACINSKI	Signed	Date	23/09/19
Drawn	J. BACINSKI	Signed	Date	23/09/19
Checked	R. SNELL	Signed	Date	23/09/19
Approved	R. SNELL	Signed	Date	23/09/19
Scale(s)	As Shown	Route Section	ELR & Mileage	POD 129M 00ch
Alternative Reference		Sheet		1 of 9
Drawing Number	W1097B-ARP-DRG-ETR-001301	Revision		A03



LIST OF WORKS SHOWN ON THIS DRAWING
WORK NO. 1 - NEW RAILWAY

- Legend/Notes
1. FOR CORRESPONDING WORKS PLAN SEE WORKS PLAN SHEET 1 (REF. DRAWING NO. 674946.BQ.42.01-302).
 2. FOR NON-SUPERELEVATED TRACK, LOWER SURFACE OF RAIL USED TO INDICATE PROPOSED LEVELS.
 3. WHEN THE TRACK HAS SUPERELEVATION (CANT), AN AVERAGE LEVEL IS SHOWN.



A03	23/09/19	FOR DCO APPLICATION	JB	RS	RS
Rev	Date	Description of Revisions	Drawn	Chkd	Appr
Status					
FIT FOR INFORMATION					S2



Contractor(s)

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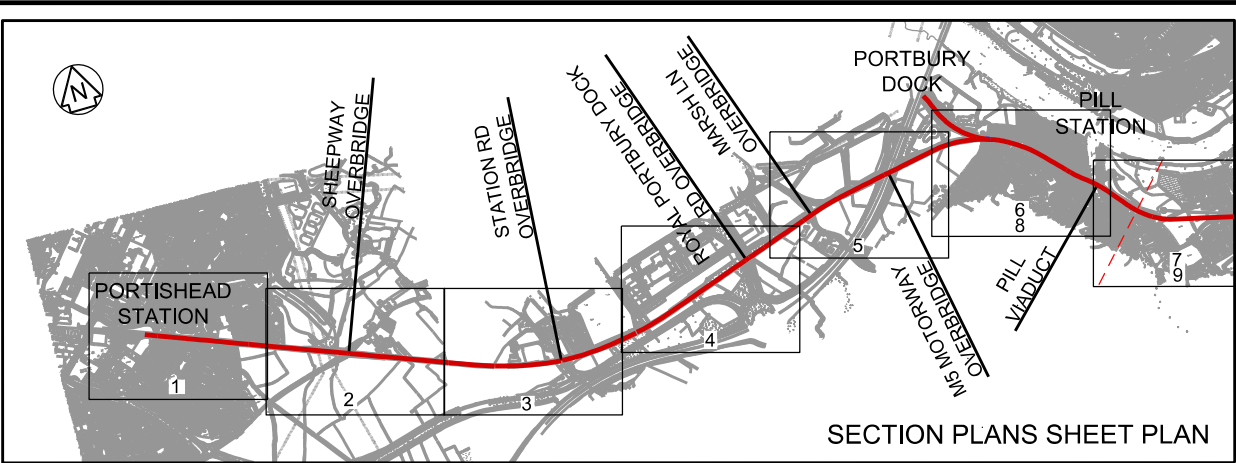
Project

METROWEST PHASE 1

Drawing Title

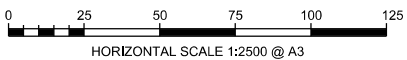
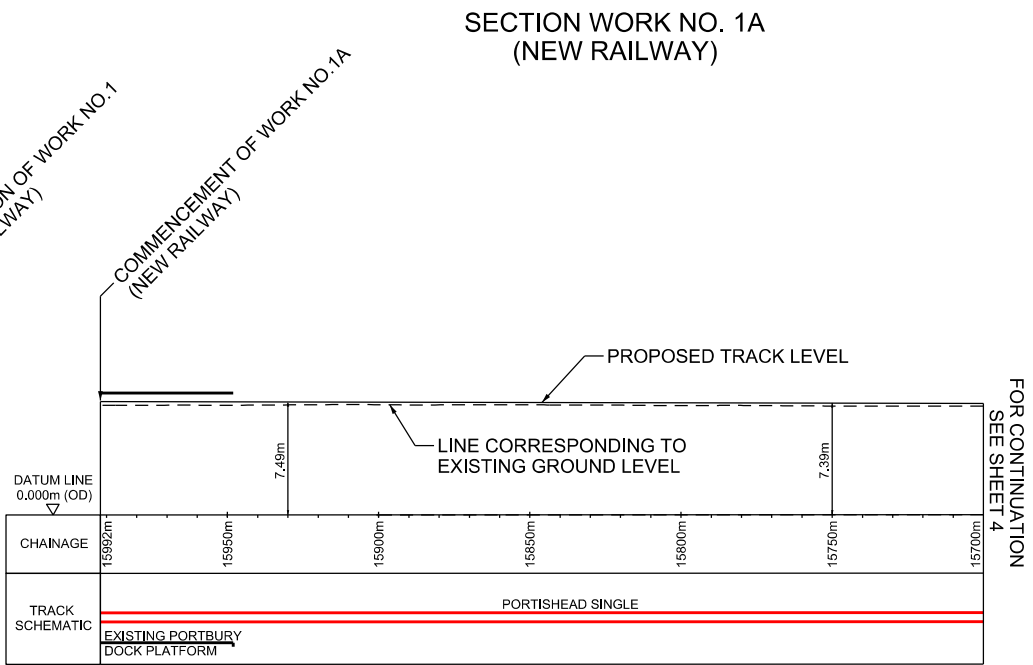
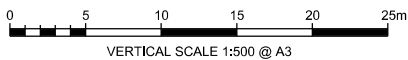
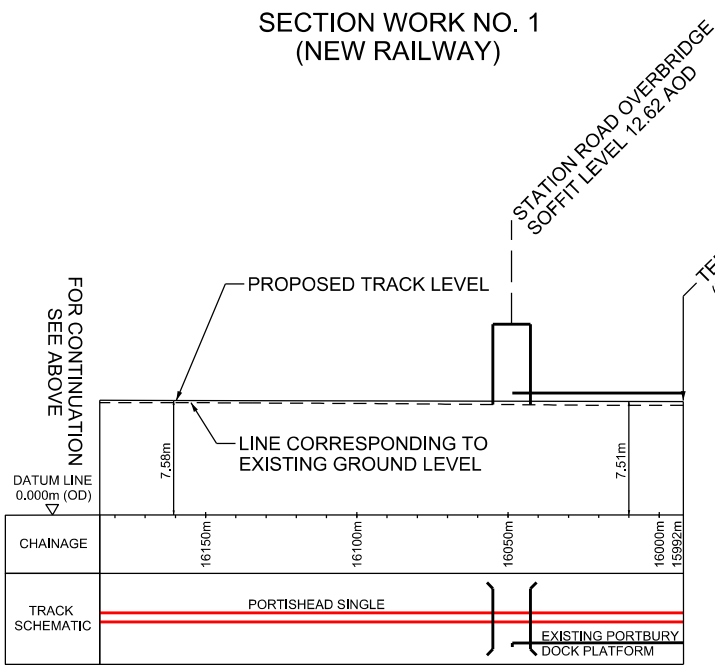
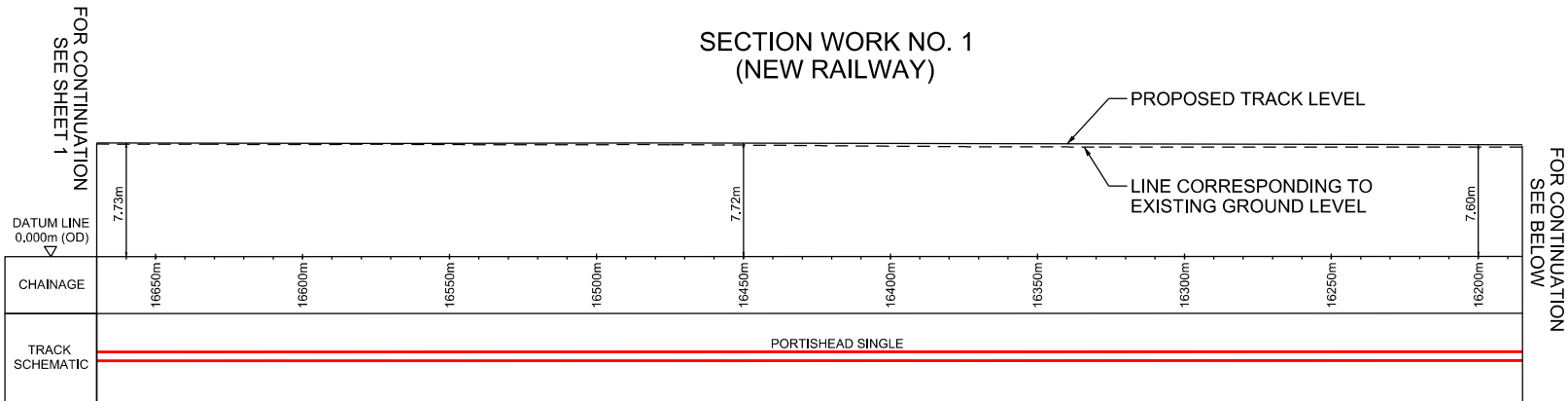
**LONGITUDINAL PROFILE OF
RAILWAY ALIGNMENT
SECTIONS PLANS - SHEET 2**

Designed	J. BACINSKI	Signed	Date	23/09/19
Drawn	J. BACINSKI	Signed	Date	23/09/19
Checked	R. SNELL	Signed	Date	23/09/19
Approved	R. SNELL	Signed	Date	23/09/19
Scale(s)	As Shown	Route Section	ELR & Mileage	POD 128M 30ch
Alternative Reference		Sheet		2 of 9
Drawing Number	W1097B-ARP-DRG-ETR-001302	Revision		A03



- LIST OF WORKS SHOWN ON THIS DRAWING
- WORK NO. 1 - NEW RAILWAY
WORK NO. 1A - NEW RAILWAY

- Legend/Notes
1. FOR CORRESPONDING WORKS PLAN SEE WORKS PLAN SHEET 1 (REF. DRAWING NO. 674946.BQ.42.01-303).
 2. FOR NON-SUPERELEVATED TRACK, LOWER SURFACE OF RAIL USED TO INDICATE PROPOSED LEVELS.
 3. WHEN THE TRACK HAS SUPERELEVATION (CANT), AN AVERAGE LEVEL IS SHOWN.



A03	23/09/19	FOR DCO APPLICATION	JB	RS	RS
Rev	Date	Description of Revisions	Drawn	Chkd	Appr
Status					Suitability
FIT FOR INFORMATION					S2



Contractor(s)

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Project

METROWEST PHASE 1

Drawing Title

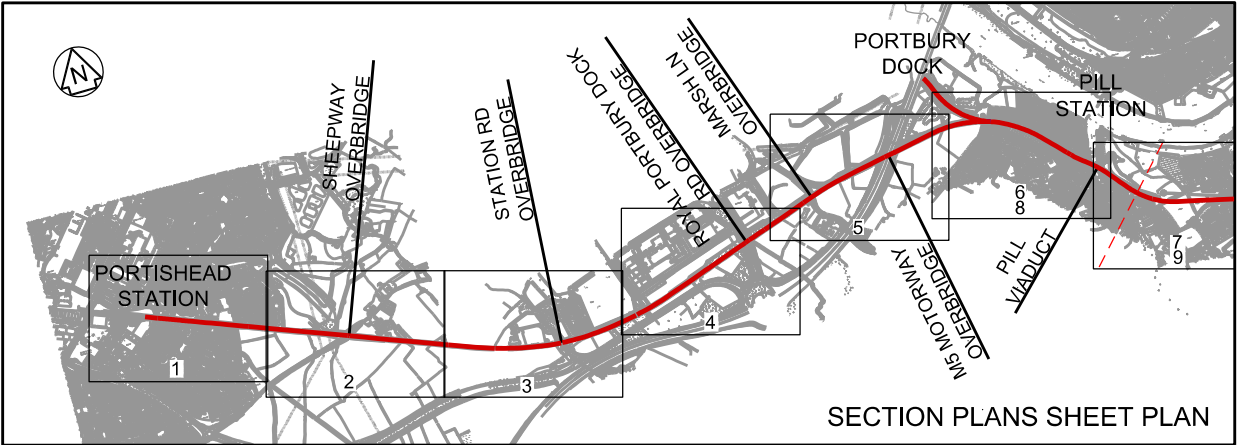
LONGITUDINAL PROFILE OF RAILWAY ALIGNMENT SECTIONS PLANS - SHEET 3

Designed	J. BACINSKI	Signed	Date	23/09/19
Drawn	J. BACINSKI	Signed	Date	23/09/19
Checked	R. SNELL	Signed	Date	23/09/19
Approved	R. SNELL	Signed	Date	23/09/19

Scale(s)	Route Section	ELR & Mileage
As Shown		POD 127M 62ch

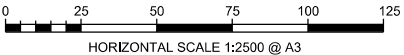
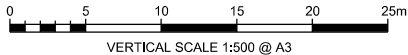
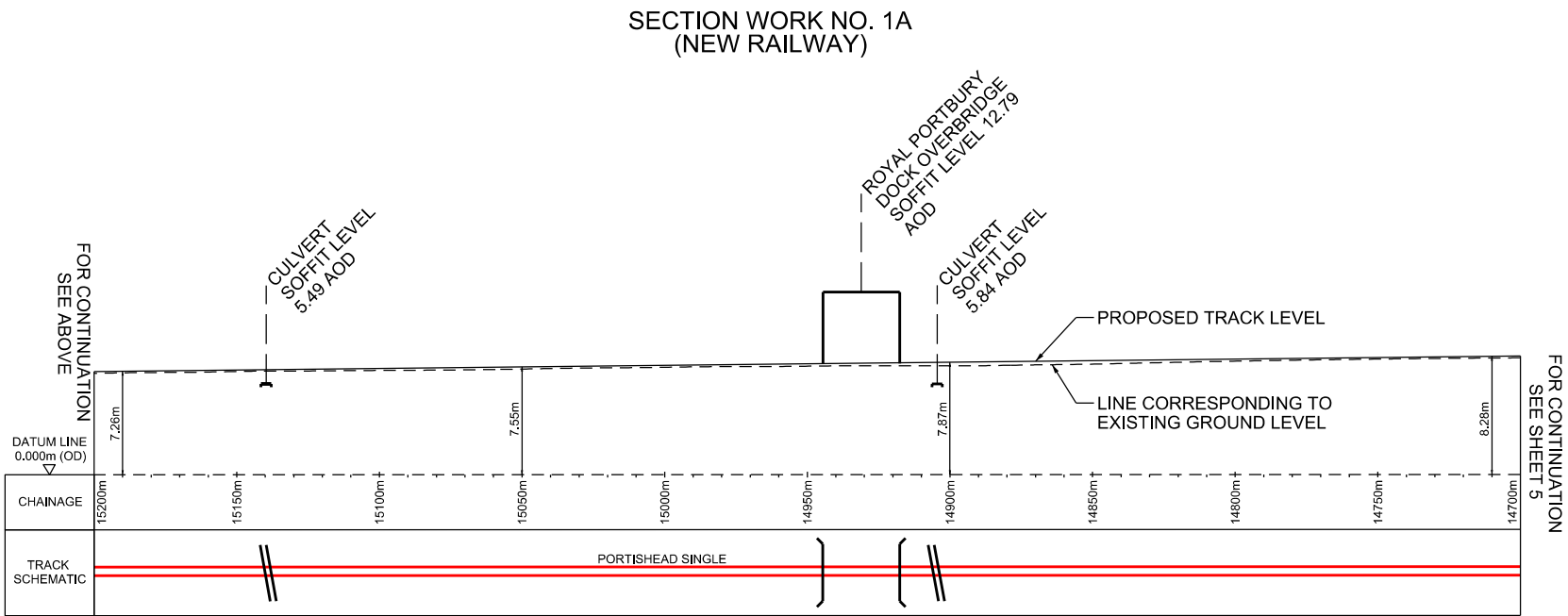
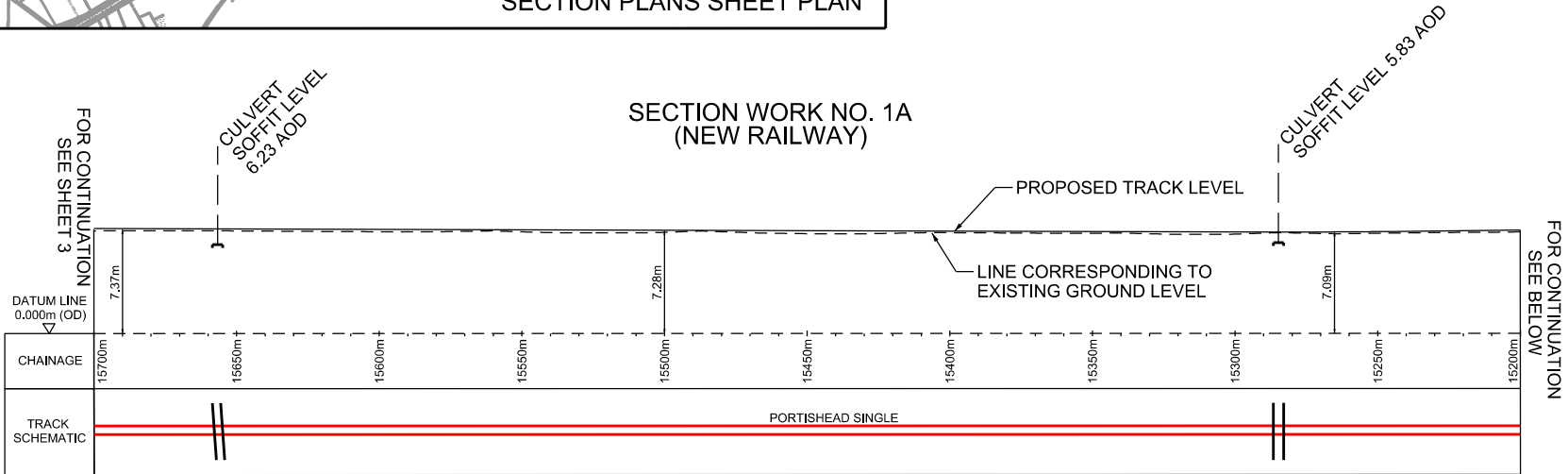
Alternative Reference	Sheet
	3 of 9

Drawing Number	Revision
W1097B-ARP-DRG-ETR-001303	A03



LIST OF WORKS SHOWN ON THIS DRAWING

WORK NO. 1A - NEW RAILWAY



Legend/Notes

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2. FOR NON-SUPERELEVATED TRACK, LOWER SURFACE OF RAIL USED TO INDICATE PROPOSED LEVELS.
3. WHEN THE TRACK HAS SUPERELEVATION (CANT), AN AVERAGE LEVEL IS SHOWN.

A03	23/09/19	FOR DCO APPLICATION	JB	RS	RS
Rev	Date	Description of Revisions	Drawn	Chkd	Appr
Status					Suitability
FIT FOR INFORMATION					S2



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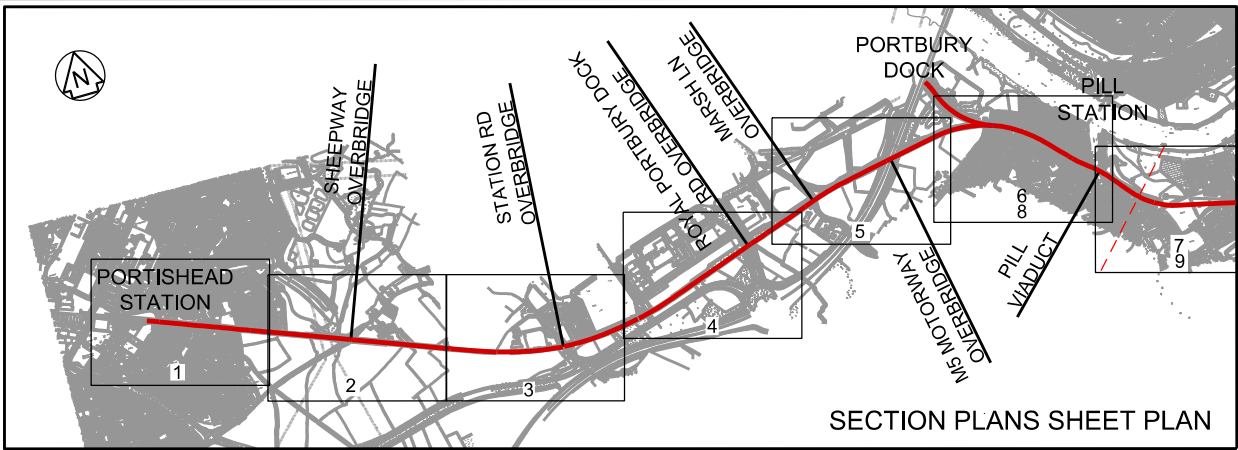
Project

METROWEST PHASE 1

Drawing Title

LONGITUDINAL PROFILE OF
RAILWAY ALIGNMENT
SECTIONS PLANS - SHEET 4

Designed	J. BACINSKI	Signed	Date	23/09/19
Drawn	J. BACINSKI	Signed	Date	23/09/19
Checked	R. SNELL	Signed	Date	23/09/19
Approved	R. SNELL	Signed	Date	23/09/19
Scale(s)	As Shown	Route Section	ELR & Mileage	POD 127M 12ch
Alternative Reference		Sheet	4 of 9	
Drawing Number	W1097B-ARP-DRG-ETR-001304	Revision	A03	



LIST OF WORKS SHOWN ON THIS DRAWING

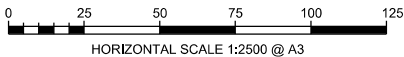
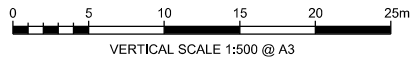
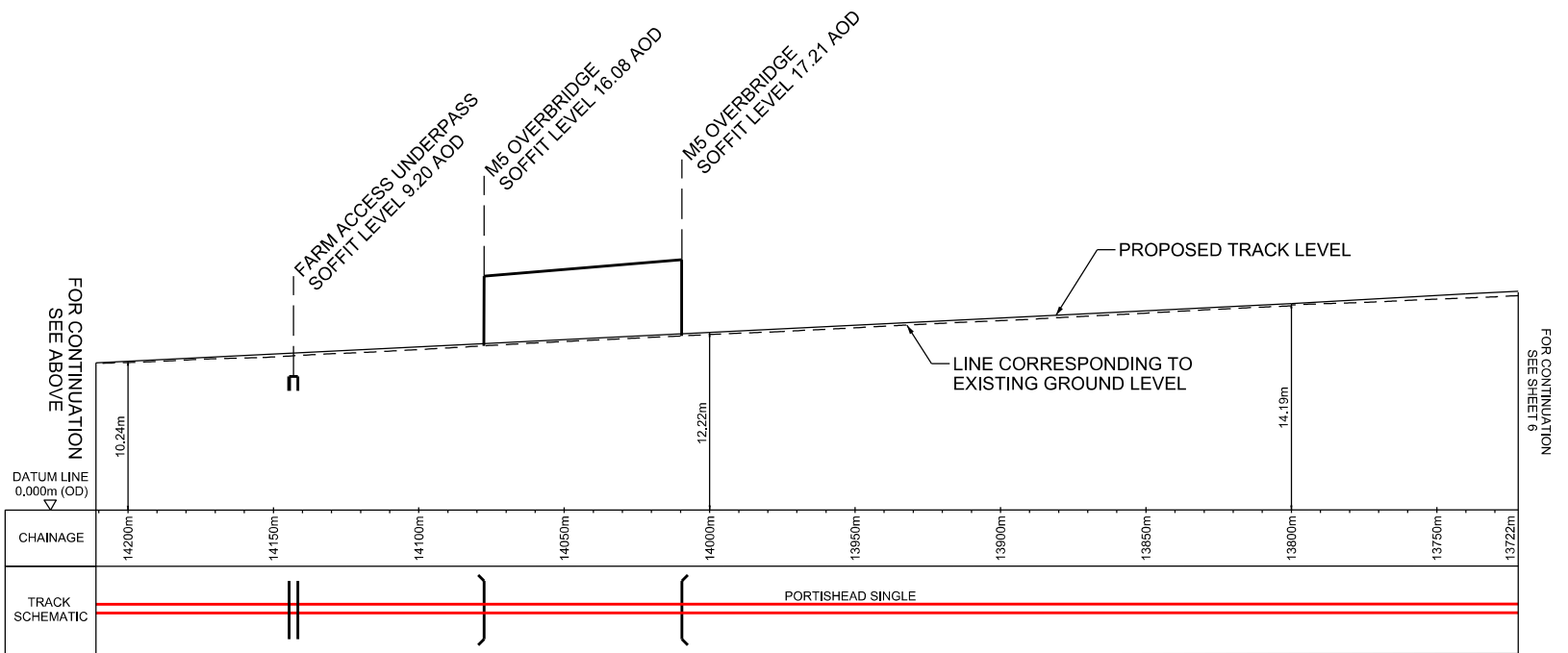
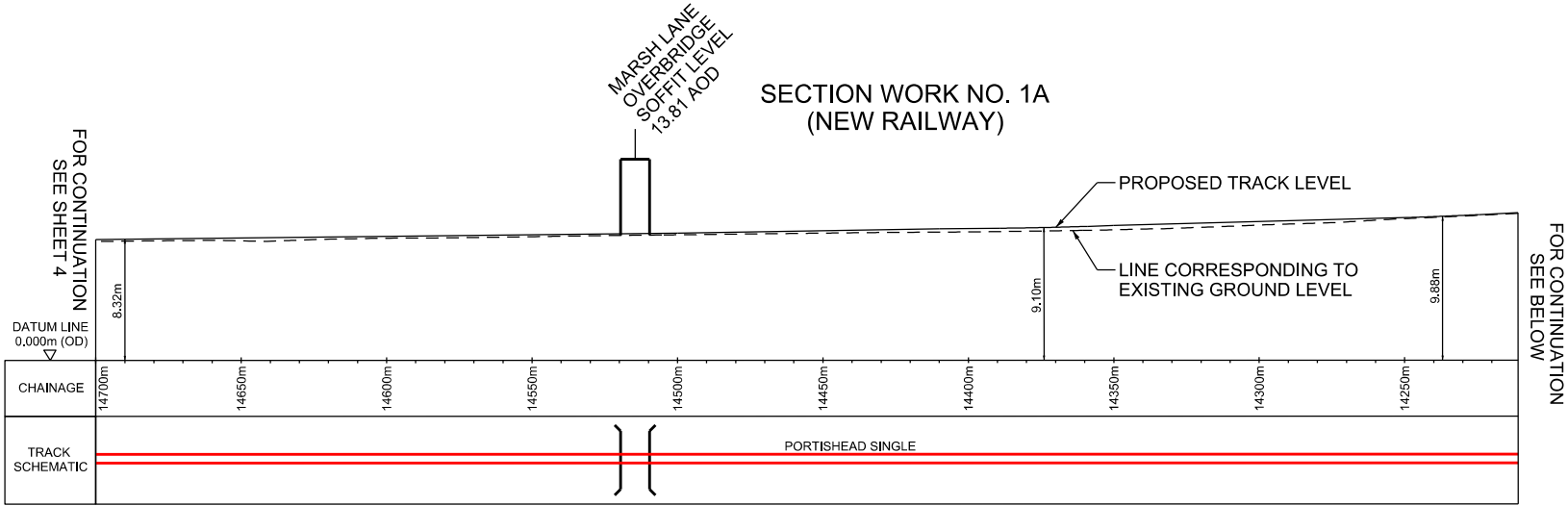
WORK NO. 1A - NEW RAILWAY

Legend/Notes

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2. FOR NON-SUPERELEVATED TRACK, LOWER SURFACE OF RAIL USED TO INDICATE PROPOSED LEVELS.

3. WHEN THE TRACK HAS SUPERELEVATION (CANT), AN AVERAGE LEVEL IS SHOWN.



A03	23/09/19	FOR DCO APPLICATION	JB	RS	RS
Rev	Date	Description of Revisions	Drawn	Chkd	Appr
Status					
FIT FOR INFORMATION					S2



Contractor(s)

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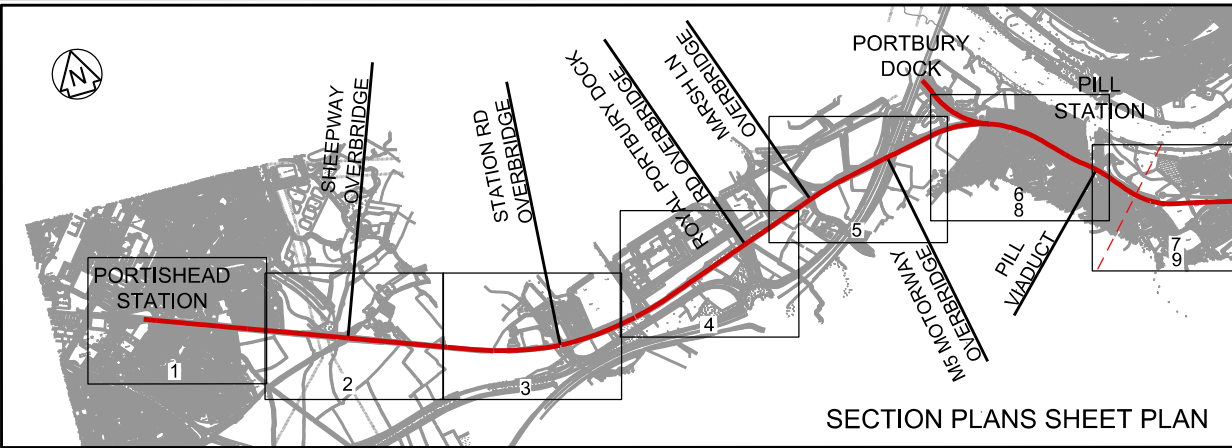
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METROWEST PHASE 1

Drawing Title

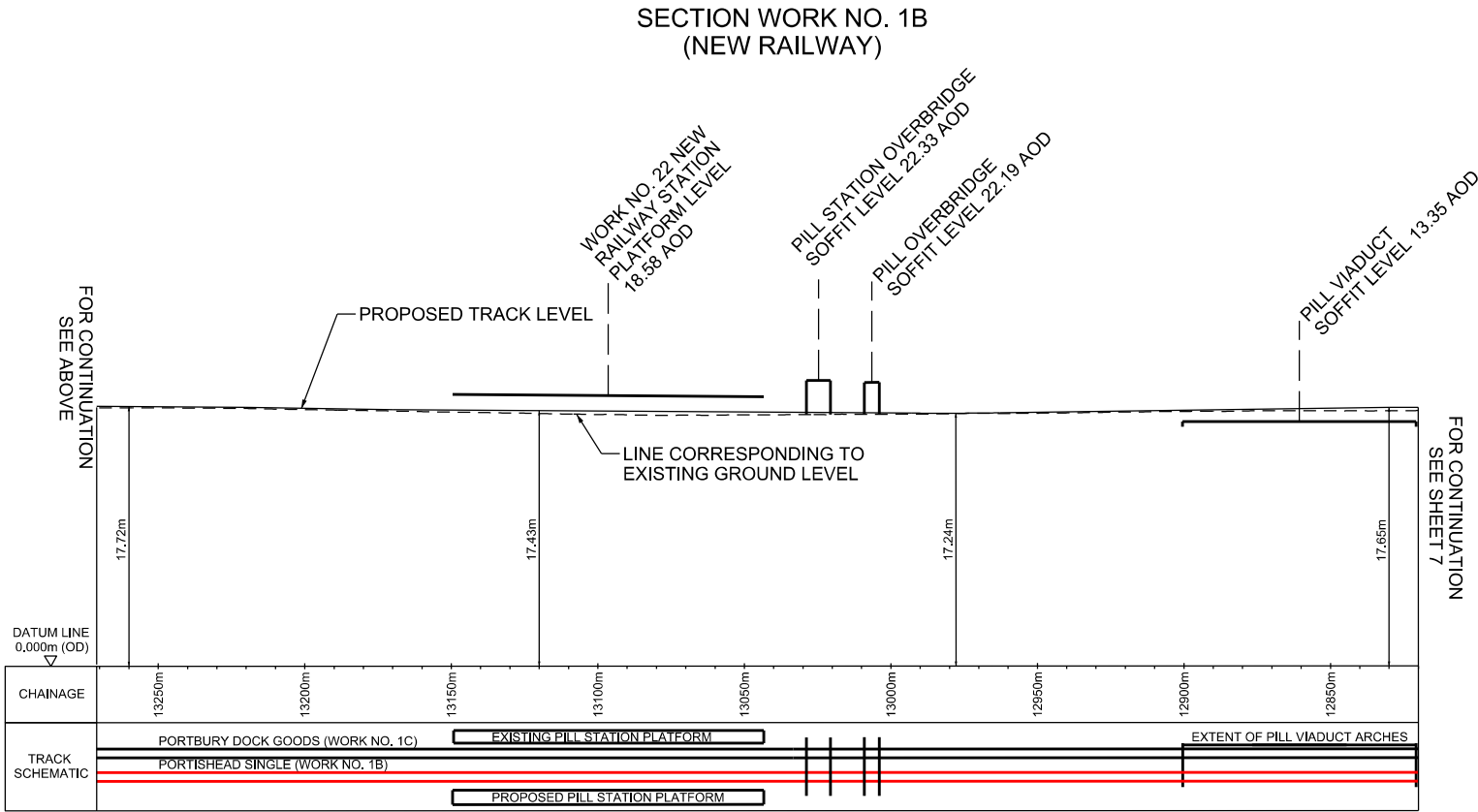
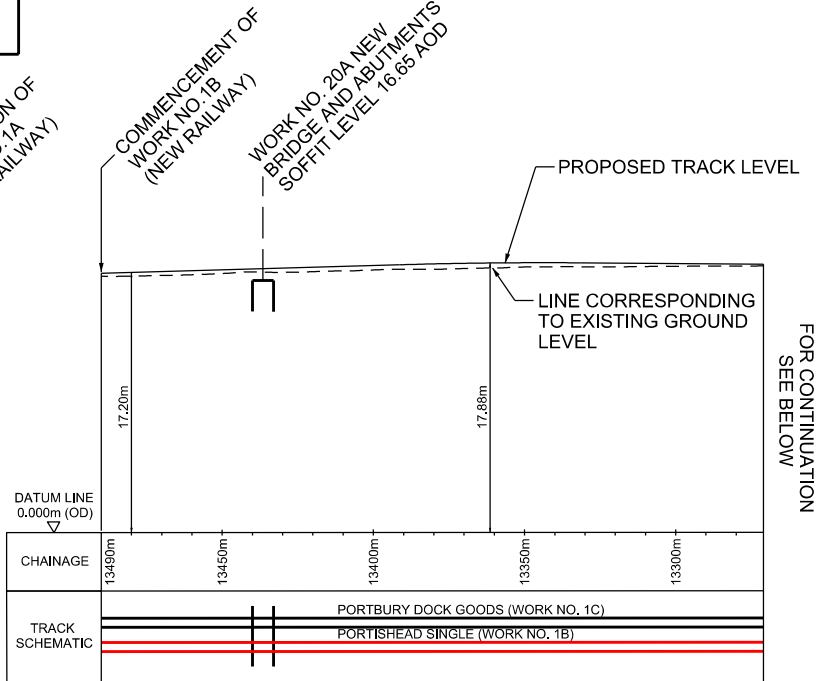
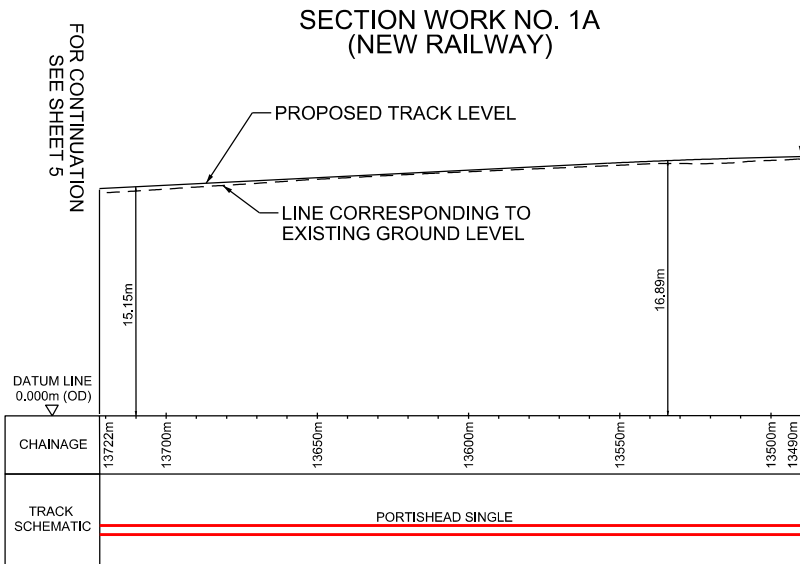
LONGITUDINAL PROFILE OF RAILWAY ALIGNMENT SECTIONS PLANS - SHEET 5

Designed	J. BACINSKI	Signed	Date	23/09/19
Drawn	J. BACINSKI	Signed	Date	23/09/19
Checked	R. SNELL	Signed	Date	23/09/19
Approved	R. SNELL	Signed	Date	23/09/19
Scale(s)	As Shown	Route Section	ELR & Mileage	POD 120M 44ch
Alternative Reference		Sheet		5 of 9
Drawing Number	W1097B-ARP-DRG-ETR-001305	Revision		A03



- LIST OF WORKS SHOWN ON THIS DRAWING
- WORK NO. 1A - NEW RAILWAY
 - WORK NO. 1B - NEW RAILWAY
 - WORK NO. 22 - NEW RAILWAY STATION
 - WORK NO. 20A - NEW BRIDGE AND ABUTMENTS

- Legend/Notes
- FOR CORRESPONDING WORKS PLAN SEE WORKS PLAN SHEET 1 (REF. DRAWING NO. 674946.BQ.42.01-306).
 - FOR NON-SUPERELEVATED TRACK, LOWER SURFACE OF RAIL USED TO INDICATE PROPOSED LEVELS.
 - WHEN THE TRACK HAS SUPERELEVATION (CANT), AN AVERAGE LEVEL IS SHOWN.



A03	23/09/19	FOR DCO APPLICATION	JB	RS	RS
Rev	Date	Description of Revisions	Drawn	Chkd	Appr
Status					Suitability
FIT FOR INFORMATION					S2



Contractor(s)

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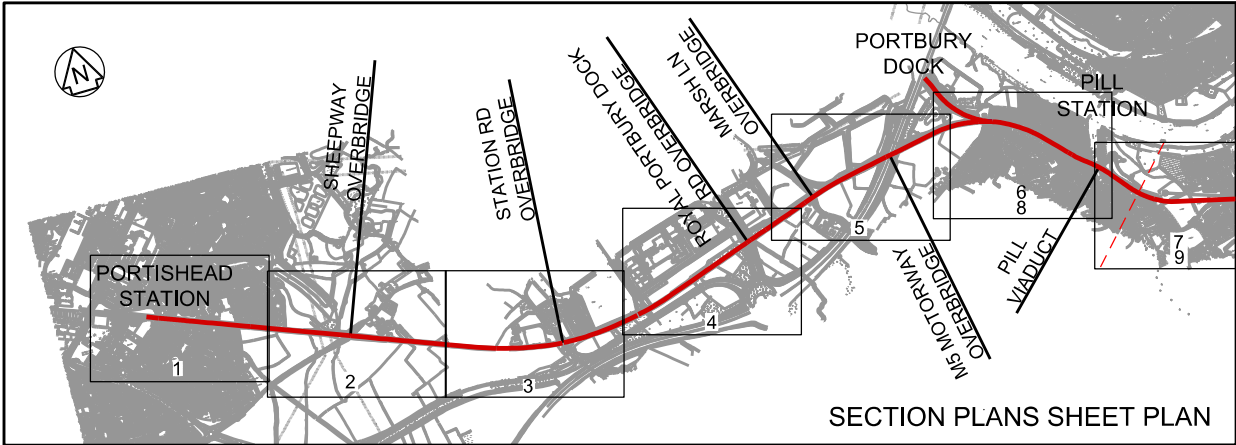
Project

METROWEST PHASE 1

Drawing Title

LONGITUDINAL PROFILE OF
RAILWAY ALIGNMENT
SECTIONS PLANS - SHEET 6

Designed	J. BACINSKI	Signed	Date	23/09/19
Drawn	J. BACINSKI	Signed	Date	23/09/19
Checked	R. SNELL	Signed	Date	23/09/19
Approved	R. SNELL	Signed	Date	23/09/19
Scale(s)	As Shown	Route Section	ELR & Mileage	POD 125M 79ch
Alternative Reference		Sheet		6 of 9
Drawing Number	W1097B-ARP-DRG-ETR-001306	Revision		A03

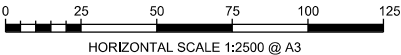
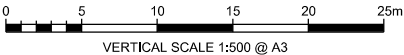
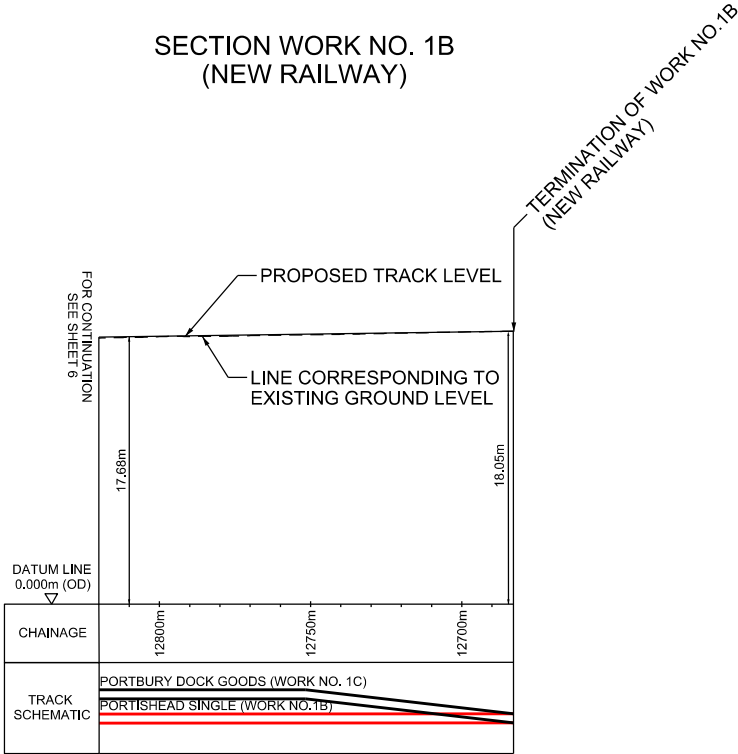


LIST OF WORKS SHOWN ON THIS DRAWING

WORK NO. 1B - NEW RAILWAY

- Legend/Notes
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 2. FOR NON-SUPERELEVATED TRACK, LOWER SURFACE OF RAIL USED TO INDICATE PROPOSED LEVELS.
 3. WHEN THE TRACK HAS SUPERELEVATION (CANT), AN AVERAGE LEVEL IS SHOWN.

SECTION WORK NO. 1B
(NEW RAILWAY)



Contractor(s)

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Project
METROWEST PHASE 1

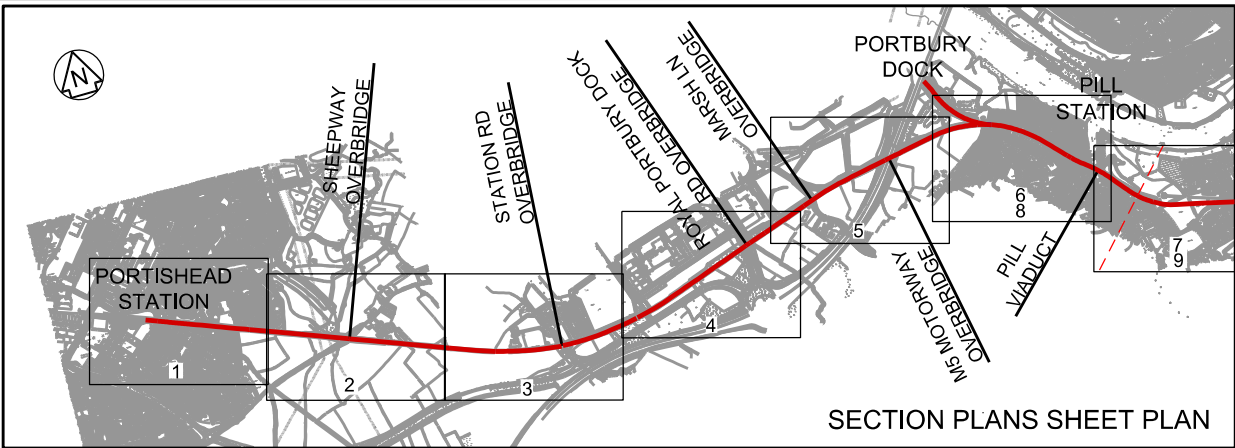
Drawing Title
LONGITUDINAL PROFILE OF RAILWAY ALIGNMENT
SECTIONS PLANS - SHEET 7

Designed	J. BACINSKI	Signed	Date	23/09/19
Drawn	J. BACINSKI	Signed	Date	23/09/19
Checked	R. SNELL	Signed	Date	23/09/19
Approved	R. SNELL	Signed	Date	23/09/19

Scale(s)	Route Section	ELR & Mileage
As Shown		POD 125M 68ch

Alternative Reference	Sheet
	7 of 9

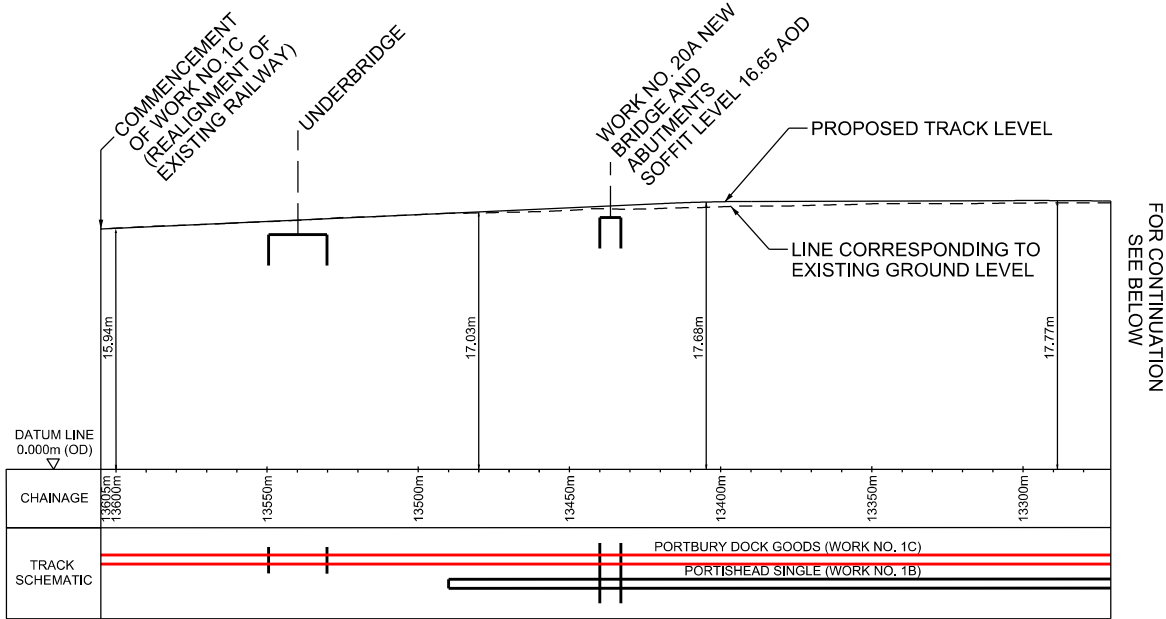
Drawing Number	Revision
W1097B-ARP-DRG-ETR-001307	A03



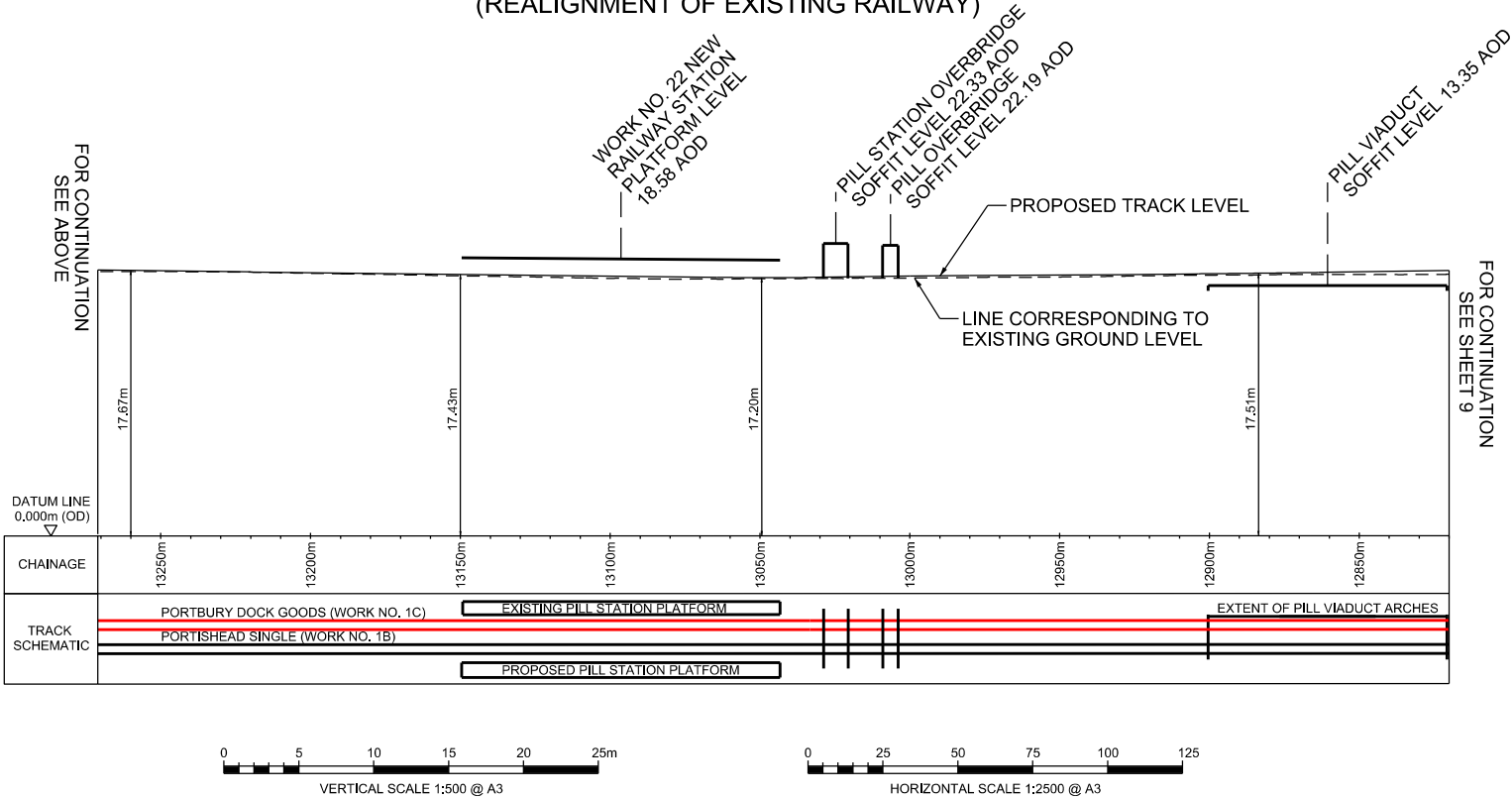
- LIST OF WORKS SHOWN ON THIS DRAWING**
- WORK NO. 1C - REALIGNMENT OF EXISTING RAILWAY
WORK NO. 22 - NEW RAILWAY STATION
WORK NO. 20A - NEW BRIDGE AND ABUTMENTS

- Legend/Notes**
1. FOR CORRESPONDING WORKS PLAN SEE WORKS PLAN SHEET 1 (REF. DRAWING NO. 674946.BQ.42.01-306).
 2. FOR NON-SUPERELEVATED TRACK, LOWER SURFACE OF RAIL USED TO INDICATE PROPOSED LEVELS.
 3. WHEN THE TRACK HAS SUPERELEVATION (CANT), AN AVERAGE LEVEL IS SHOWN.

**SECTION WORK NO. 1C
(REALIGNMENT OF EXISTING RAILWAY)**



**SECTION WORK NO. 1C
(REALIGNMENT OF EXISTING RAILWAY)**



A04	05/11/19	FOR DCO APPLICATION	JB	RS	RS
Rev	Date	Description of Revisions	Drawn	Chkd	Appr
Status					Suitability
FIT FOR INFORMATION					S2



Contractor(s)

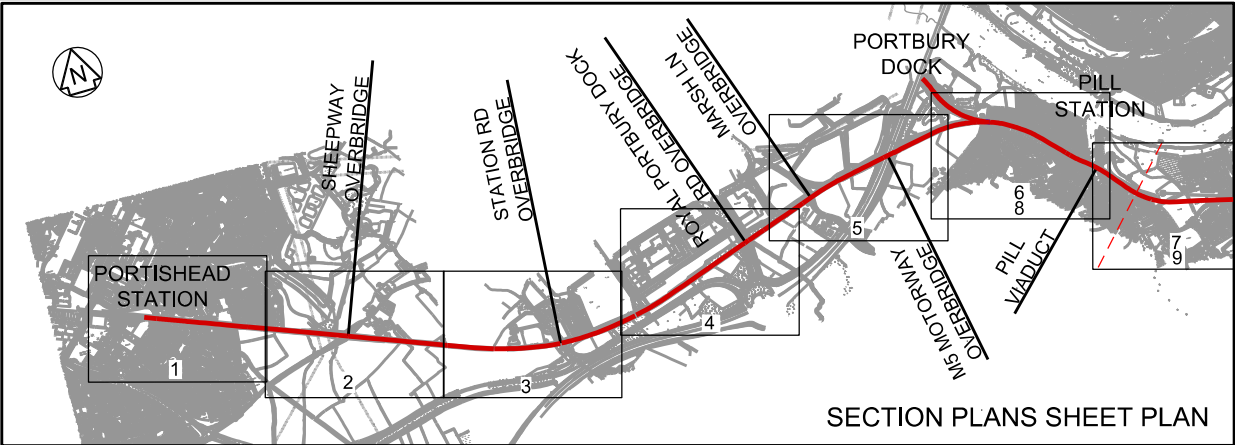
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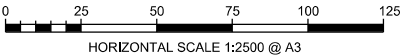
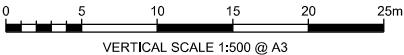
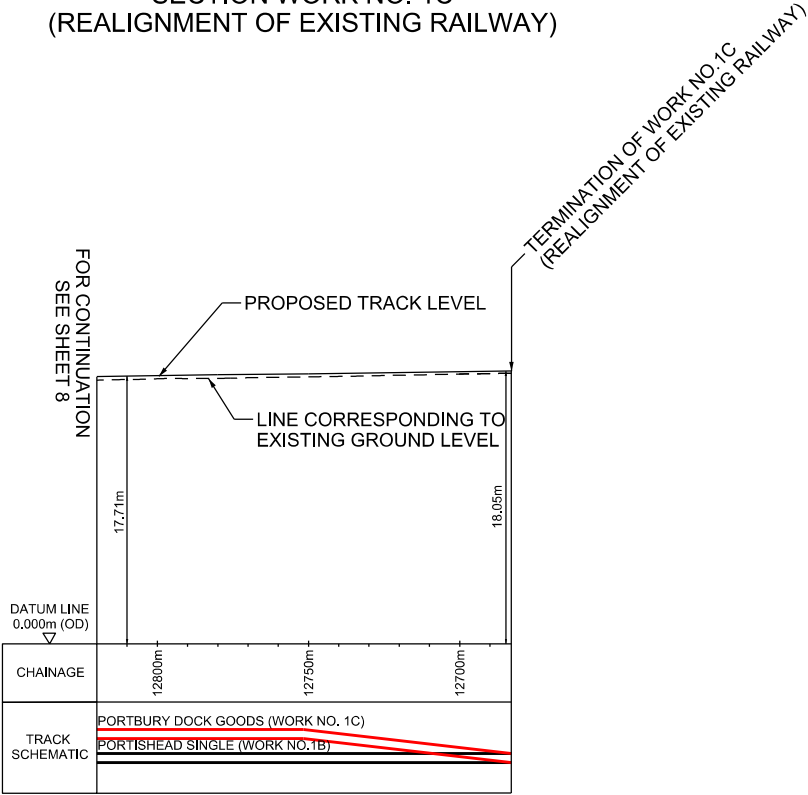
Project **METROWEST PHASE 1**

Drawing Title **LONGITUDINAL PROFILE OF RAILWAY ALIGNMENT SECTIONS PLANS - SHEET 8**

Designed	J. BACINSKI	Signed	Date	05/11/19
Drawn	J. BACINSKI	Signed	Date	05/11/19
Checked	R. SNELL	Signed	Date	05/11/19
Approved	R. SNELL	Signed	Date	05/11/19
Scale(s)	As Shown	Route Section	ELR & Mileage	POD 125M 79ch
Alternative Reference		Sheet	8 of 9	
Drawing Number	W1097B-ARP-DRG-ETR-001308			Revision
	A04			



SECTION WORK NO. 1C
(REALIGNMENT OF EXISTING RAILWAY)



LIST OF WORKS SHOWN ON
THIS DRAWING

WORK NO. 1C - REALIGNMENT OF EXISTING RAILWAY

Legend/Notes

1. FOR CORRESPONDING WORKS PLAN SEE WORKS PLAN SHEET 1 (REF. DRAWING NO. 674946.BQ.42.01-307).
2. FOR NON-SUPERELEVATED TRACK, LOWER SURFACE OF RAIL USED TO INDICATE PROPOSED LEVELS.
3. WHEN THE TRACK HAS SUPERELEVATION (CANT), AN AVERAGE LEVEL IS SHOWN.

A03	23/09/19	FOR DCO APPLICATION	JB	RS	RS
Rev	Date	Description of Revisions	Drawn	Chkd	Appr
Status					Suitability
FIT FOR INFORMATION					S2



Contractor(s)

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Project

METROWEST PHASE 1

Drawing Title

LONGITUDINAL PROFILE OF
RAILWAY ALIGNMENT
SECTIONS PLANS - SHEET 9

Designed	J. BACINSKI	Signed	Date	23/09/19
Drawn	J. BACINSKI	Signed	Date	23/09/19
Checked	R. SNELL	Signed	Date	23/09/19
Approved	R. SNELL	Signed	Date	23/09/19
Scale(s)	As Shown	Route Section	ELR & Mileage	POD 125M 68ch
Alternative Reference		Sheet		9 of 9
Drawing Number	W1097B-ARP-DRG-ETR-001309	Revision		A03