NIB OGW-30-14 DIAGRAM LOCATIONS
ISLINGTON JUNCTION SHEET 1
ISLINGTON JUNCTION SHEET 2
WARATAH
HANBURY JUNCTION
WARABROOK
ISLINGTON JUNCTION – PORT WARATAH
PORT WARATAH
BULLOCK ISLAND
DRAWING LEGEND

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Drawing standard in accordance with EGP-04-01 & EGP-04-02

Used on / Next higher assembly: NETWORK INFORMATION BOOK

Filename: NIB-T0714.VSD

Alternate DMS Number

Rev	Date	Revision Description	Designed	Checked	Ind.Rev	Approved

Designed	G HARRISON	5/1/16
Checked	J SPARROW	5/1/16
Ind. Rev. Company	ARTC	Ind. Rev. Name: R RATH
Review Signature		5/1/16

ARTC ACCEPTANCE
Accepted by: P CAMPBELL
Signed:
Acceptance Date: 5/1/16

ARTC

NIB-T0714

Sheet No: 1 of 1
Scale: NTS
Sheet Size: A3

TITLE

PORT WARATAH

LOOKOUT WORKING HAZARDOUS AREA - DOWN MAIN

163.920 km

165.000 km

TRACK BOUNDARY
SYDNEY TRAINS | ARTC

163.920 km

UP ISLINGTON LOOP

X30 40
X30 45

DOWN ISLINGTON LOOP

163.920 km

IJ5

164.000 km

40
40

UP ISLINGTON LOOP

164.310 km

X25
X25

DOWN ISLINGTON LOOP

164.313 km

FROM SYDNEY

IJ5

WJ20

163.864 km

WJ2 0

TRACK BOUNDARY
SYDNEY TRAINS | ARTC

DOWN MAIN

IJ 21

40
40

164.045 km

164.045 km

IJ21

IJ 23

164.316 km

IJ23

DOWN RELIEF

DOWN ISLINGTON LOOP

UP ISLINGTON LOOP

IJ7

164.300 km

IJ7

IJ9

164.351 km

IJ9

164.389 km

105A

164.409 km

102.2
LOCATION

105 ESML
106 ESML
107 ESML

164.433 km

164.438 km

164.476 km

IJ 25

164.498 km

164.497 km

IJ25

DOWN MAIN

106

105B

107

108A

109A

109B

108B

IJ28

116A

FROM NEWCASTLE

UP MAIN

HN12

164.210 km

HN1 2

IJ24

SHUNTING LIMIT ON DOWN MAIN

164.368 km

IJ 24

X25
X25

UP MAIN

164.412 km

STYX CREEK

IJ27

164.532 km

IJ 27

164.553 km

115A

116B

164.609 km

HIGHWAY SIGNAL 'B'

PEDESTRIAN SWING GATES

164.724 km

115B

164.746 km

118A

BB

164.581 km

164.589 km

164.638 km

CLYDE STREET

PEDESTRIAN SWING GATES

HIGHWAY SIGNAL 'A'

164.650 km

164.662 km

IJ 28

164.684 km

DOWN MAIN

115
120

164.740 km

164.746 km

BB

ISLINGTON SER

MICROLOK

P.S.

108 ESML
109 ESML
115 ESML

116 EOL
117 EOL

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Rev	Date	Revision Description	Designed	Checked	Ind.Rev	Approved
6	18/8/21	116 points km updated				
5	4/6/21	Clyde Street level crossing updated				
4	7/4/20	Signal IJ25 km corrected				
3	14/2/19	Lookout working notation amended	AGIBB	RRATH		

Designed	B HILL	5/1/16
Checked	J SPARROW	5/1/16
Ind. Rev. Company	ARTC	
Ind. Rev. Name	R RATH	
Review Signature		5/1/16

ARTC ACCEPTANCE
Accepted by P CAMPBELL
Signed:
Acceptance Date 5/1/16

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NIB-T0374

Sheet No 1 of 1

Sheet Size A3

Scale NTS

TITLE

ISLINGTON JUNCTION - 1

LOOKOUT WORKING HAZARDOUS AREA - DOWN MAIN

LOOKOUT WORKING HAZARDOUS AREA – UP MAIN

163.920 km

165.000 km

165.000 km

169.000 km

TO GONINANS WORKS

BB

IJ 30

164.757 km

164.860 km

XPT / Explorer Trip Gear Magnets

HJ 1

164.970 km

BEGIN SINGLE LIGHT INDICATION

HJ 1

DOWN MAIN

UP MAIN

WEIGHBRIDGE

165.301 km

UP MAIN 95

165.480 km

DOWN MAIN

UP MAIN

TO WARATAH

DOWN COAL

UP COAL

IJ30

117A

118 ESML

102.32

164.819 km

117B

ISLINGTON DEP. ROAD 1

15

164.843 km

ISLINGTON DEP. ROAD 2

15

164.862 km

IJ 34

164.780 km

DN COAL

35

164.900 km

HJ 3

165.135 km

HJ 3

PEDESTRIAN OVERBRIDGE

118B

IJ34

BB

164.767 km

IJ36

164.780 km

IJ 36

ISLINGTON ARRIVAL ROAD

ISLINGTON DEPARTURE ROAD 2

ISLINGTON DEPARTURE ROAD 1

BEGIN PORT WARATAH YARD WORKING

BEGIN SINGLE LIGHT INDICATION

164.966 km

PW 4

PW4

SCHOLEY ST RELAY RM

98 EOL

95 EOL

92 EOL

93 ESML

END SINGLE LIGHT INDICATION

AA

AA

BEGIN PORT WARATAH YARD WORKING

164.945 km

PW2

PW 2

WARATAH DEPARTURE ROAD

WARATAH ARRIVAL ROAD

SHUNTING LIMIT ON UP COAL

170.500 km

LOOKOUT WORKING HAZARDOUS AREA – DOWN COAL

164.945 km

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Rev	Date	Revision Description	Designed	Checked	Ind.Rev	Approved
5	1/7/22	XPT / Explorer trip gear magnets added				
4	18/10/21	Waratah to Sandgate signalling changes updated				
3	18/8/21	117 points km updated				
2	14/2/19	Lookout working notation amended				
1	9/1/19	Lookout working restrictions added, speed board and other corrections				

Designed	B HILL	5/1/16
Checked	J SPARROW	5/1/16
Ind. Rev. Company	ARTC	
Ind. Rev. Name	R RATH	
Review Signature		5/1/16

ARTC ACCEPTANCE
Accepted by: P CAMPBELL
Signed:
Acceptance Date: 5/1/16

ARTC

NIB-T0375

Sheet No: 1 of 1

Sheet Size: A3

Scale: NTS

TITLE

ISLINGTON JUNCTION - 2

165.800 km

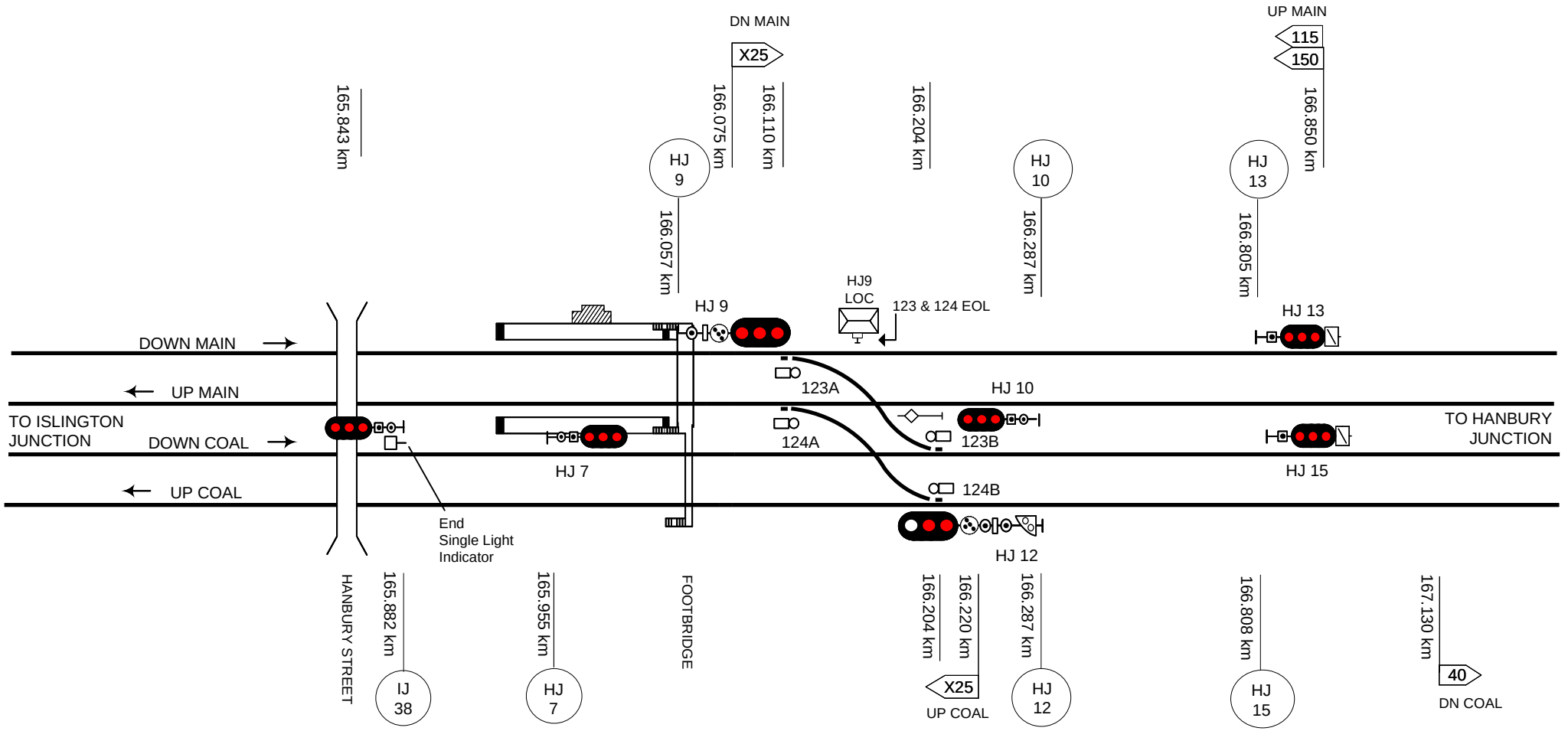
LOOKOUT WORKING HAZARDOUS AREA - DOWN MAIN

170.500 km

165.000 km

LOOKOUT WORKING HAZARDOUS AREA - UP MAIN

169.000 km



164.945 km

LOOKOUT WORKING HAZARDOUS AREA - DOWN COAL

170.500 km

166.750 km

LOOKOUT WORKING HAZARDOUS AREA - UP COAL

170.500 km

This diagram must be used in conjunction with the corresponding Network Information Book containing the location specific information in Section 2 as well as the legend and general information in Section 1.

Rev	Date	Revision Description	Designed	Checked	Ind.Rev	Approved
6	18/10/21	Waratah to Sandgate signalling changes updated				
5	19/8/21	Signals M103.4 & C103.4 updated as detailed in safe notice 2-4774				
4	30/6/20	Signal kms updated as detailed in safe notice 2-4471				
3	14/2/19	Lookout working notation amended				
2	9/1/19	Lookout working restrictions added, speed board and other corrections				

Designed	B HILL	5/1/16	ARTC ACCEPTANCE
Checked	J SPARROW	5/1/16	Accepted by P CAMPBELL
Ind. Rev. Company	ARTC	Ind. Rev. Name	R RATH
Review Signature		5/1/16	Signed:
			Acceptance Date 5/1/16

ARTC

TITLE

NIB-T0376

WARATAH

Sheet No 1 of 1

Scale NTS

Sheet Size A4

LOOKOUT WORKING HAZARDOUS AREA - DOWN COAL

164.945 km

170.500 km

LOOKOUT WORKING HAZARDOUS AREA - UP COAL

166.750 km

170.500 km

DN COAL 80 — 167.650 km

UP COAL 40 — 167.686 km

UP COAL 60 — 167.973 km

168.020 km

HJ 18 — 167.910 km

HJ 22 — 168.170 km

167.260 km

167.412 km

MAUDE STREET

SHUNTING LIMIT ON DOWN MAIN

DOWN COAL

UP COAL

HJ 18

DOWN MAIN

HJ 17

127B

TO WARABROOK

DOWN MAIN

UP MAIN

UP MAIN

127A

HJ 22

FROM WARATAH

DOWN COAL

HJ 16

HJ 21

126B

HJ 20

UP REFUGE SIDING

126 EOL

127 EOL

126A

UP COAL

167.130 km

40

DN COAL

167.460 km

HJ 16

167.900 km

HJ 17

168.010 km

HJ 21

168.016 km

168.087 km

168.096 km

168.115 km

90 80

110 90

UP MAIN DN MAIN

168.160 km

168.172 km

HJ 20

165.800 km

170.500 km

LOOKOUT WORKING HAZARDOUS AREA - DOWN MAIN

165.000 km

169.000 km

LOOKOUT WORKING HAZARDOUS AREA - UP MAIN

This diagram must be used in conjunction with the corresponding Network Information Book containing the location specific information in Section 2 as well as the legend and general information in Section 1.

Rev	Date	Revision Description	Designed	Checked	Ind.Rev	Approved
3	18/10/21	Waratah to Sandgate signalling changes updated				
2	14/2/19	Lookout working notation amended				
1	9/1/19	Lookout working restrictions added, speed board and other corrections				

Designed	B HILL	5/1/16
Checked	J SPARROW	5/1/16
Ind. Rev. Company	ARTC	Ind. Rev. Name R RATH
Review Signature		5/1/16

ARTC ACCEPTANCE
Accepted by P CAMPBELL
Signed:
Acceptance Date 5/1/16

ARTC

NIB-T0377

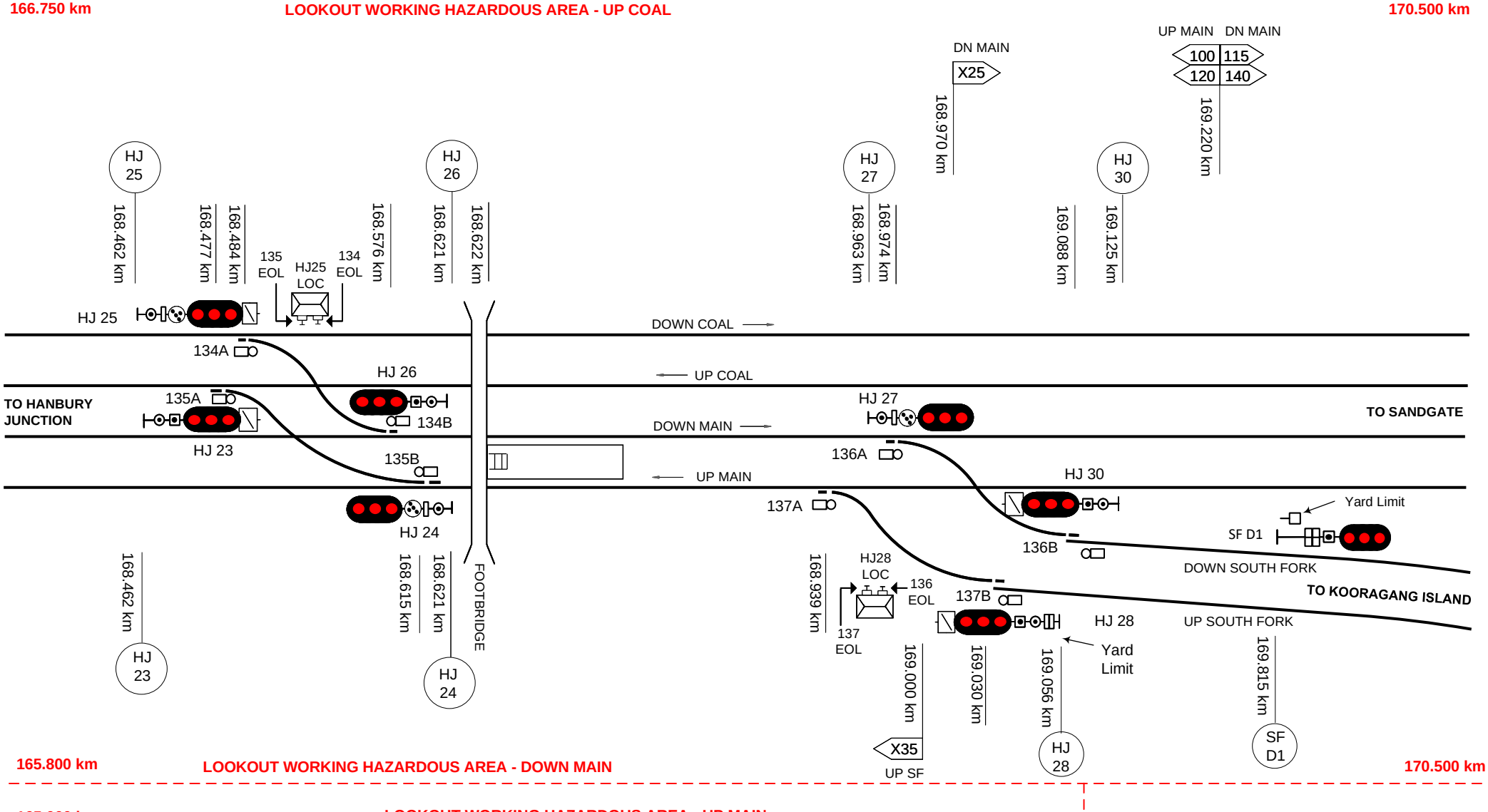
Sheet No 1 of 1

Sheet Size A3

Scale NTS

TITLE

HANBURY JUNCTION



This diagram must be used in conjunction with the corresponding Network Information Book containing the location specific information in Section 2 as well as the legend and general information in Section 1.

Rev	Date	Revision Description	Designed	Checked	Ind.Rev	Approved
6	3/11/22	137 points km & speed sign 169.000km updated				
5	18/10/21	Waratah to Sandgate signalling changes updated				
4	29/1/21	Duplicate reference to signal SFD1 removed				
3	14/2/19	Lookout working notation amended				
2	9/1/19	Lookout working restrictions added, speed board and other corrections				

Designed B HILL 5/1/16
Checked J SPARROW 5/1/16
Ind. Rev. Company ARTC
Ind. Rev. Name R RATH
Review Signature 5/1/16

ARTC ACCEPTANCE
Accepted by P CAMPBELL
Signed:
Acceptance Date 5/1/16

ARTC

NIB-T0378

Sheet No 1 of 1
Sheet Size A4
Scale NTS

TITLE

WARABROOK

169.000 km

FROM WARATAH

170.500 km

UP MAIN

95

165.480 km

DOWN MAIN

UP MAIN

DOWN COAL

UP COAL

165.301 km

FOOTBRIDGE

LOOKOUT WORKING HAZARDOUS AREA – DOWN COAL

LOOKOUT WORKING HAZARDOUS AREA – UP MAIN

165.000 km

165.000 km

LOOKOUT WORKING HAZARDOUS AREA - DOWN MAIN

163.920 km

HJ 3

165.135 km

Shunting Limit on Up Coal

HJ 3

DN COAL

35

164.900 km

PW 4

164.966 km

Begin Port Waratah Yard Working

PW4

DEP. ROAD 2

15

164.862 km

DEP. ROAD 1

15

164.843 km

HJ 1

164.970 km

Begin Single Light Indicator

IJ 34

164.780 km

164.819 km

IJ 30

164.860 km

IJ30

IJ34

IJ36

164.780 km

164.767 km

IJ 36

117B

118B

TO ISLINGTON JUNCTION

TO ISLINGTON JUNCTION

DOWN MAIN

UP MAIN

WEIGHBRIDGE

ISLINGTON ARRIVAL ROAD

ISLINGTON DEPARTURE ROAD No 2

ISLINGTON DEPARTURE ROAD No 1

165.038 km

165.074 km (diamond)

Begin Single Light Indicator

End Single Light Indicator

164.945 km

PW 2

164.945 km

Begin Port Waratah Yard Working

PW2

WARATAH ARRIVAL ROAD

WARATAH DEPARTURE ROAD

92

95

96

98

99W

99E

PW81

PW82

165.171 km

PW 81

PW 82

End Port Waratah Yard Working

165.265 km

PW 85

165.113 km

165.121 km

165.140 km

165.231 km

165.524 km

93

SCHOLEY STREET

97W

100W

97E

100E

PW85

No.3 STORAGE SIDING

No.2 STORAGE SIDING

No.1 STORAGE SIDING

ARRIVAL ROAD

No.2 DEPARTURE ROAD

No.1 DEPARTURE ROAD

THROSBY CREEK

165.653 km

PW 24

PW 25

PW 26

PW22

PW23

PW24

PW25

PW26

101

SCH001

MAITLAND ROAD

552

551

550

PW80

165.754 km

PW 80

165.646 km

PW 22

PW 23

166.030 km

166.070 km

No.3 ARRIVAL ROAD

No.2 ARRIVAL ROAD

No.1 ARRIVAL ROAD

DEPARTURE ROAD

WEIGHBRIDGE

WEIGHBRIDGE

WEIGHBRIDGE

PW83

166.149 km

PW 83

B

B

This diagram must be used in conjunction with the corresponding Network Information Book containing the location specific information in Section 2 as well as the legend and general information in Section 1.

Rev	Date	Revision Description	Designed	Checked	Ind.Rev	Approved
8	23/6/25	PW81 & PW82 signal km updated				
7	2/3/23	95 diamond km and points kms added				
6	2/02/23	95 points km corrected from 164.806 to 195.074km				
5	18/10/21	Waratah to Sandgate signalling changes updated				
4	14/4/21	Stop board numbers added				

Designed	B HILL	5/1/16	ARTC ACCEPTANCE
Checked	J SPARROW	5/1/16	Accepted by P CAMPBELL
Ind. Rev. Company	ARTC	Ind. Rev. Name	R RATH
Review Signature		5/1/16	Signed:
			Acceptance Date 5/1/16

ARTC

NIB-T0379

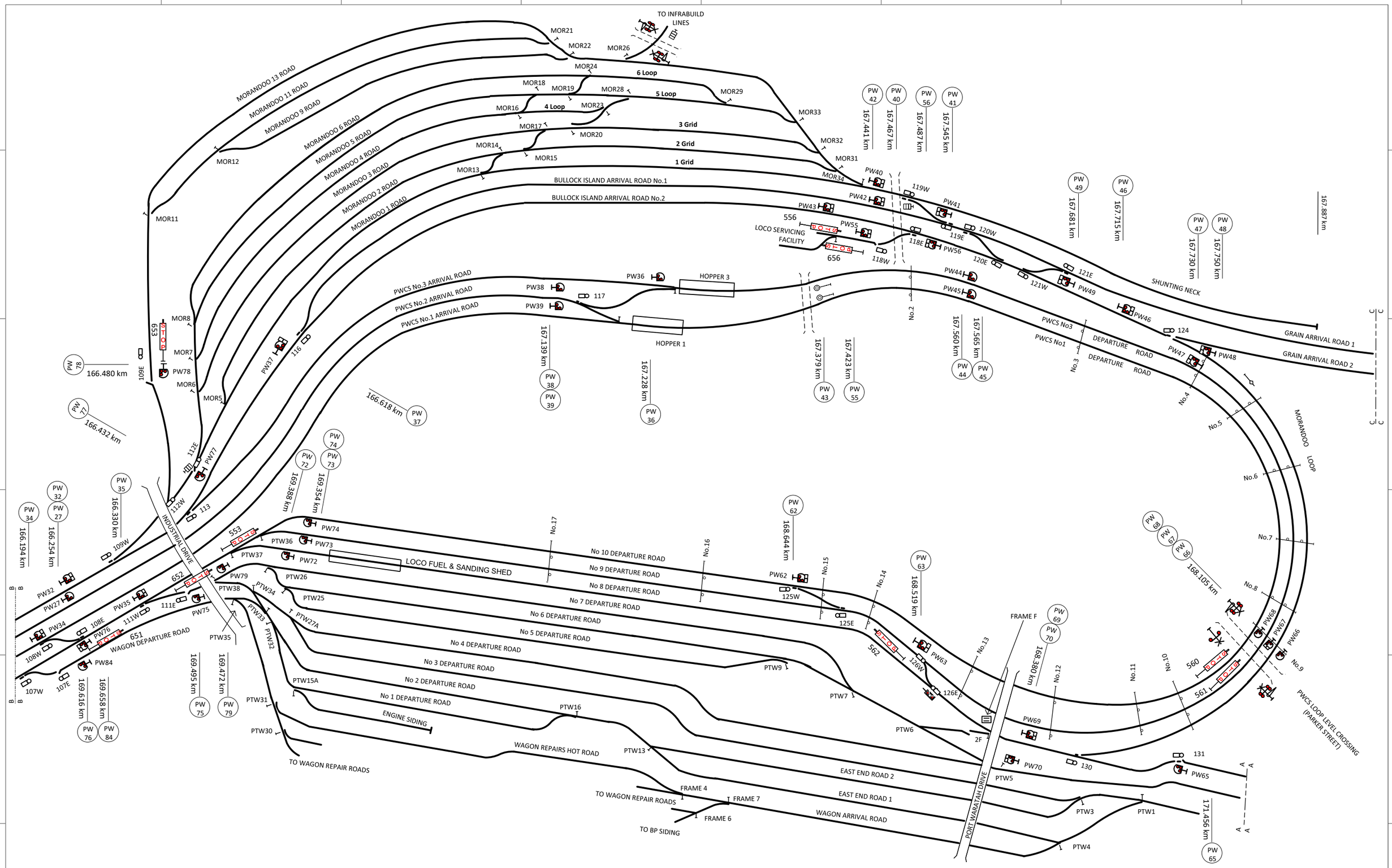
Sheet No 1 of 1

Sheet Size A3

Scale NTS

TITLE

ISLINGTON JUNCTION – PORT WARATAH



This diagram must be used in conjunction with the corresponding Network Information Book containing the location specific information in Section 2 as well as the legend and general information in Section 1.

Rev	Date	Revision Description	Designed	Checked	Ind.Rev	Approved
10	23/7/25	Morandoo yard take up changes				
9	31/10/22	Signage corrections & PW68 signal updated				
8	15/6/22	105 crossover removed and frame C replaced by 112w & 112E points				
7	21/10/21	128 & 129 points removed				
6	13/7/21	Engine siding added & Wagon Repair Road realigned				

Designed	B HILL	5/1/16	ARTC ACCEPTANCE
Checked	J SPARROW	5/1/16	Accepted by P CAMPBELL
Ind. Rev. Company	ARTC	Ind. Rev. Name	R RATH
Review Signature		5/1/16	Signed:
			Acceptance Date 5/1/16

ARTC

NIB-T0380

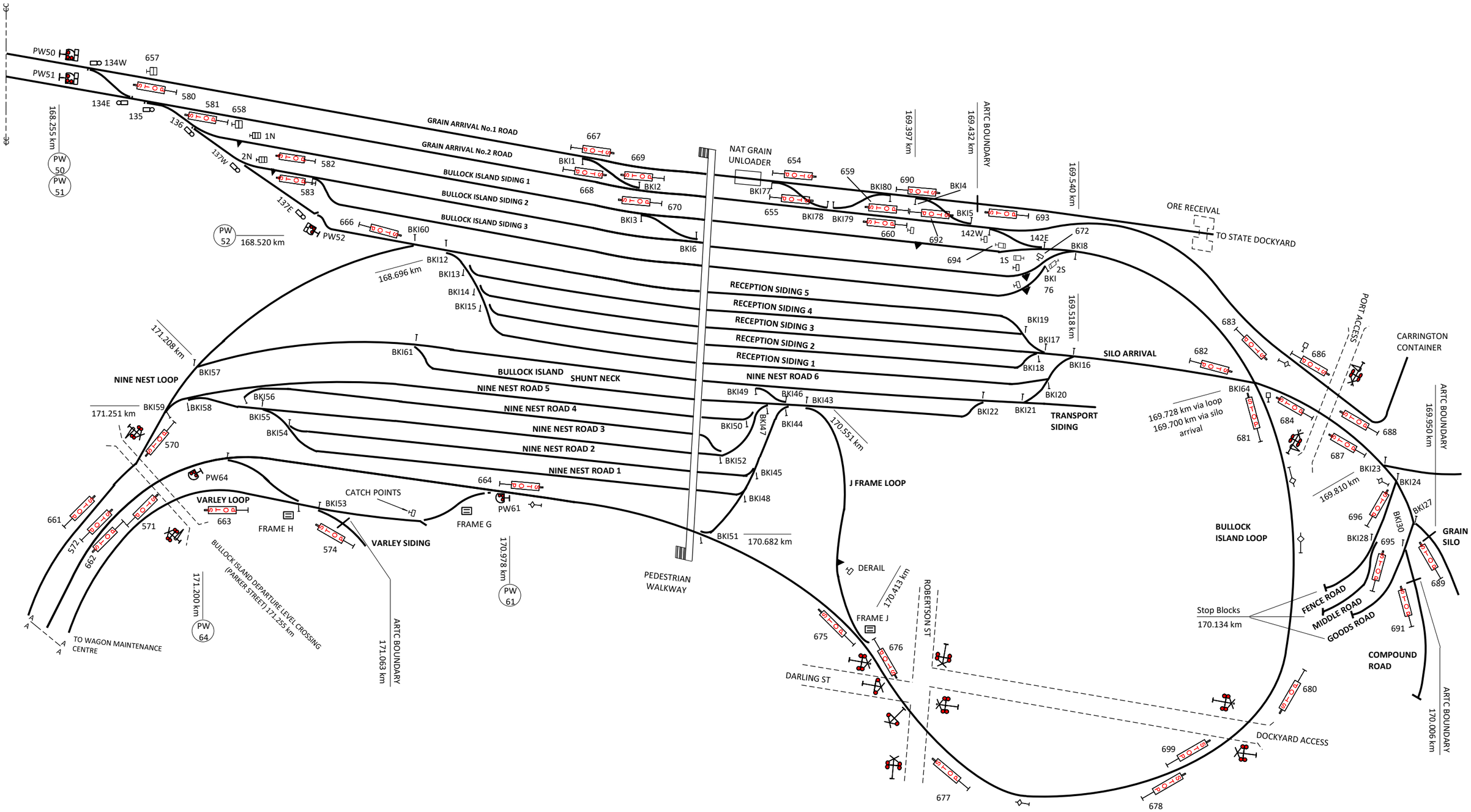
Sheet No 1 of 1

Sheet Size A3

Scale NTS

TITLE

PORT WARATAH



This diagram must be used in conjunction with the corresponding Network Information Book containing the location specific information in Section 2 as well as the legend and general information in Section 1.

Rev	Date	Revision Description	Designed	Checked	Ind.Rev	Approved
9	12/6/26	Varley – ARTC boundary km updated				
8	2/12/25	Transport siding added				
7	20/10/22	Signage corrections				
6	4/7/22	ARTC boundary & points kms added				
5	14/4/21	Stop board numbers added				

Designed	B HILL	5/1/16
Checked	J SPARROW	5/1/16
Ind. Rev. Company	ARTC	
Ind. Rev. Name	R RATH	
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ARTC ACCEPTANCE
Accepted by P CAMPBELL
Signed:
Acceptance Date 5/1/16

ARTC

NIB-T0565

Sheet No 1 of 1
Scale NTS
Sheet Size A3

TITLE

BULLOCK ISLAND

Drawing Legend

	Standard gauge track		Dual gauge track
	Broad gauge track		Crossover
	Advisory Sign or Location Sign	75 80	Speed sign
	Pedestrian Crossing	STOP STOP	Passive Protection Level Crossing
	Active Protection Level Crossing – Flashing Lights		Active Protection Level Crossing – Lights and Boom
	Bridge or Overpass		Underpass
	River/Creek or Significant river bridge or Viaduct	Station Passenger Platform	Station or Platform
	Derail		Points
	Automatic Signals		Controlled Signals
	Dwarf Signals	6 6D 74.592 km 4 109.128 km	Signal number reference
	Repeater Signal		Mechanical Frame
	Point Indicator		Tunnel
	Overheight Detectors	>> <<	Wayside Equipment