

Review of Rail Infrastructure and Line Diagrams for Central Queensland Coal Region

June 2018



Review of Rail Infrastructure and Line Diagrams for Central Queensland Coal Region – June 2018

INTRODUCTION

Aurizon Network Pty Ltd is a wholly owned subsidiary of Aurizon Holdings Limited.

The primary function of Aurizon Network is to manage Below Rail network operations. Aurizon Network is responsible for negotiating access with parties seeking to use its Below Rail network, for maintaining and managing its rail network and other infrastructure assets (such as signalling and electrification) and for managing operations on the network such as organising the manner in which train services utilise network capacity.

The Line Diagrams are a diagrammatical representation of Aurizon Network's rail network. The Line Diagrams identify:

- The configuration of the network; and
- The parts of the rail network which are managed by Aurizon Network, a Related Operator or a person other than Aurizon Network.

SCOPE

Consistent with Clause 3.2.1 of Aurizon Network's 2016 Access Undertaking (Aurizon Network's Undertaking), Aurizon Network reviews and amends the Line Diagrams at no greater than six monthly intervals (where necessary) to reflect changes that have been made to the configuration or management of the rail network.

Aurizon Network also publishes the current version of the Line Diagrams on its website.

The Queensland Competition Authority Amendment Regulation (No: 3) 2010 amended the declared service for rail infrastructure in Queensland. The key changes to the declared service include transportation by rail using:

Rail Transport Infrastructure within, or which connects to, an existing Individual Coal System which is owned or leased by Aurizon Network or a related body corporate (excluding infrastructure connecting a new coal basin).

Rail Infrastructure owned by Aurizon Network or a related party which does not connect to an existing Individual Coal System is not within the scope of the declared service or the Aurizon Network 2016 Access Undertaking.

This report summarises the changes between the current version of the Line Diagrams and the previous version (December 2017).

In addition to the requirements of Aurizon Network's Undertaking, Aurizon Network follows an internal Infrastructure Change Management Process which details the procedures to be adhered to upon receipt of requests to reconfigure rail infrastructure owned by Aurizon Network or managed by Aurizon Network. Proposals from Aurizon business groups or external parties for the construction of new infrastructure or the improvement of existing infrastructure also follow these procedures. The procedures are consistent with the requirements set out in Clause 3.2.1.

References

For further information on the definitions contained in this report, please refer to Aurizon Network's 2016 Access Undertaking, a copy of which is available at

<http://www.aurizon.com.au/what-we-deliver/network/network-downloads>

Contact

Network Regulation
Aurizon Network Pty Ltd
Level 4
192 Ann Street
Brisbane QLD 4000
ComplianceOfficer@aurizon.com.au

AURIZON - NETWORK - INFRASTRUCTURE CHANGES

AURIZON - NETWORK - INFRASTRUCTURE CHANGES - 30 December 2017 - 30 June 2018

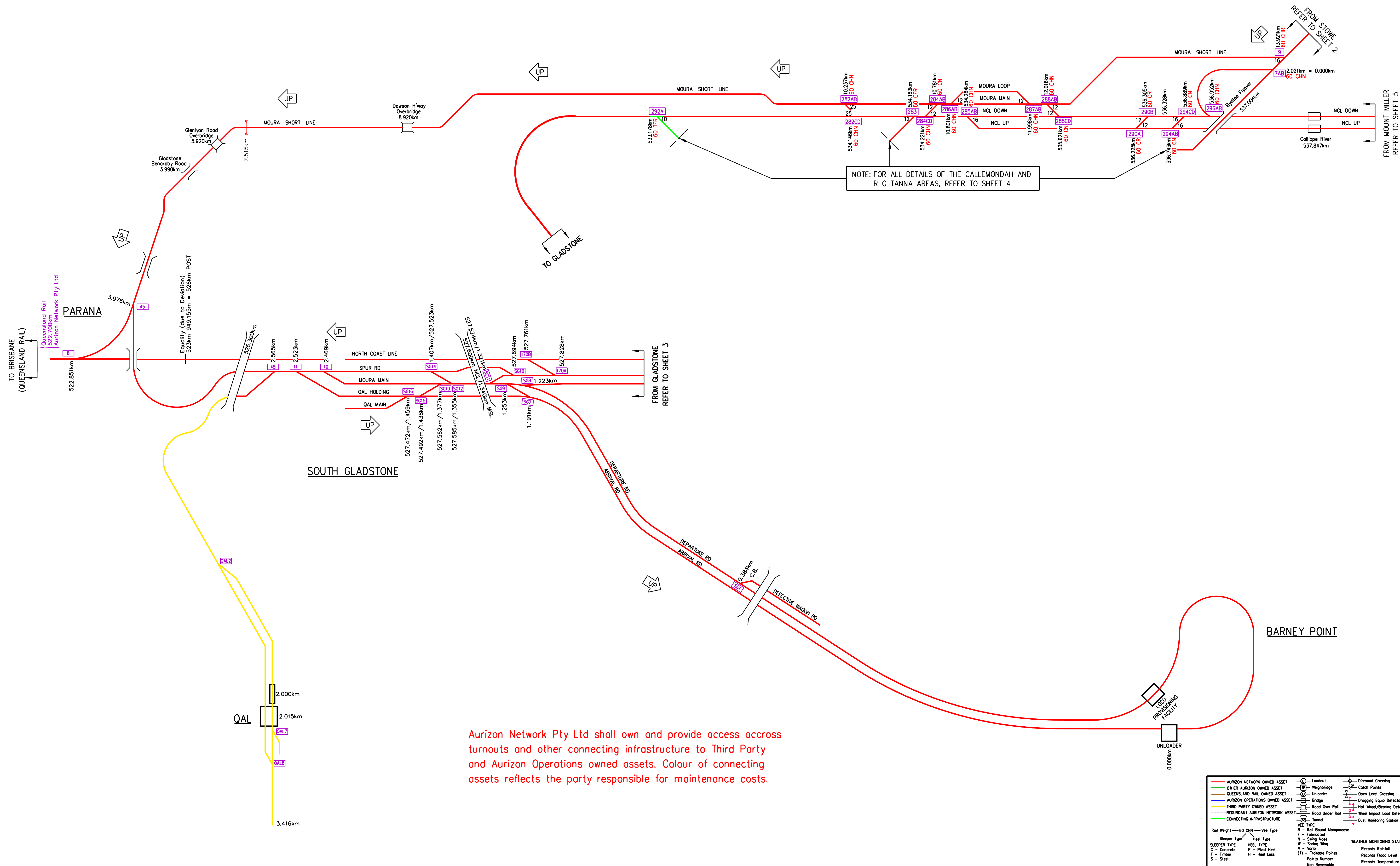
DRAWING	SHEET	ISSUE	STATION	KM	ICM #	CHANGE	REASON / DETAILS
CNA0001	1	-	-	-	-	No changes have occurred to assets on this drawing. Only the title block has been updated.	Nil
CNA0002	2	-	Baralaba Mine	186.55	-	Updated distance of Network track prior to the connection point.	Updated
CNA0003	3	-	-	-	-	No changes have occurred to assets on this drawing. Only the title block has been updated.	Nil
CNA0004	4	-	Callemondah	534-535	-	Ownership of three sidings previously owned by Aurizon has been transferred to Aurizon Network.	This is for the purpose of storing track machines. These are the roads shown in the centre of the drawing at the "Overhead Maintenance Depot".
CNA0005	5	-	-	-	-	No changes have occurred to assets on this drawing. Only the title block has been updated.	Nil
CNA0006	6	-	-	-	-	No changes have occurred to assets on this drawing. Only the title block has been updated.	Nil
CNA0007	7	-	-	-	-	No changes have occurred to assets on this drawing. Only the title block has been updated.	Nil
CNA0008	8	-	-	-	-	No changes have occurred to assets on this drawing. Only the title block has been updated.	Nil
CNA0009	9	-	-	-	-	No changes have occurred to assets on this drawing. Only the title block has been updated.	Nil

DRAWING	SHEET	ISSUE	STATION	KM	ICM #	CHANGE	REASON / DETAILS
CNA0010	10	-	Byerwen	168.33	-	Updated to reflect ownership of Byerwen balloon loop	Correction
CNA0011	11	-	-	-	-	No changes have occurred to assets on this drawing. Only the title block has been updated.	Nil
CNA0012	12	-	-	-	-	No changes have occurred to assets on this drawing. Only the title block has been updated.	Nil
CNA0013	13	-	-	-	-	No changes have occurred to assets on this drawing. Only the title block has been updated.	Nil
CNA0014	14	-	-	-	-	No changes have occurred to assets on this drawing. Only the title block has been updated.	Nil
CNA0015	15	-	-	-	-	No changes have occurred to assets on this drawing. Only the title block has been updated.	Nil
CNA0016	16	-	Blair Athol Junction	122.57	-	Reinstated part of the Blair Athol Branch line from between Blair Athol Junction to kilometre mark at 117.56.	Access Request by mine.

Line Diagrams

CNA 2018
(Network Ownership)





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SCALES SHOWN ARE FOR AN A1 SIZE ORIGINAL DRAWING

NOT TO SCALE

ALTERATIONS			DESIGNED	M MCKINLEY	REVIEWED
1	GENERAL UPDATE & NEW TITLE BLOCK	M MCK	06/18	CHECKED	M MCKINLEY
				DRAWN	
				CHECKED	
				DESIGN CERTIFICATION	
				RPED No	
				MANAGER CIVIL ENGINEERING	DATE

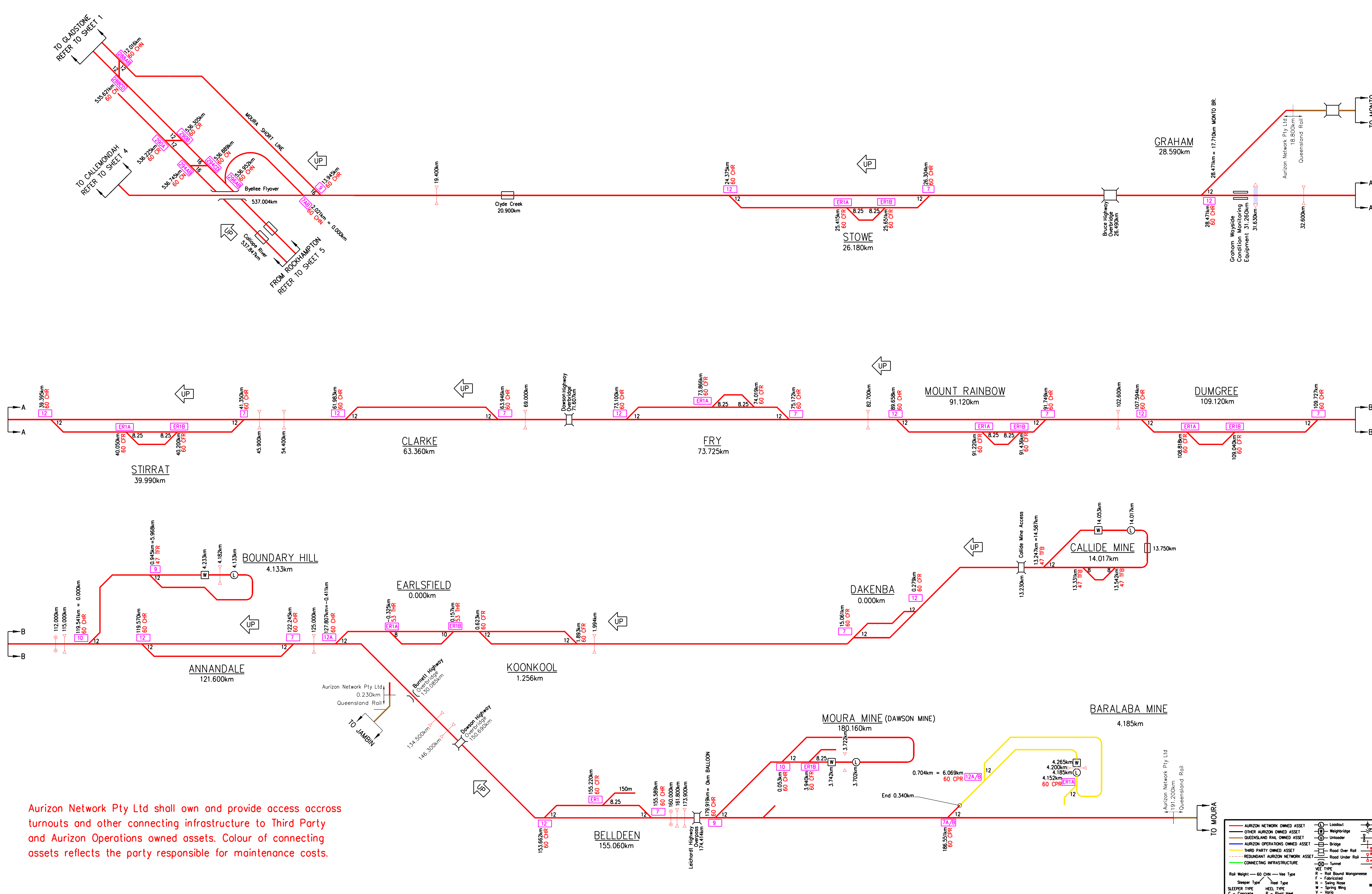


Aurizon Network Pty Ltd - ACN 132 181 116

NETWORK OWNERSHIP DIAGRAM
MOURA SYSTEM
 BARNEY - STOWE
 SCHEMATIC

FILE No.	DRAWING NUMBER	ISSUE
	CNA-0001	1

AURIZON NETWORK OWNED ASSET	OTHER AURIZON OWNED ASSET	QUEENSLAND RAIL OWNED ASSET	AURIZON OPERATIONS OWNED ASSET	THIRD PARTY OWNED ASSET	REDUNDANT AURIZON NETWORK ASSET	CONNECTING INFRASTRUCTURE
Level Crossing	Overbridge	Underpass	Bridge	Road Over Rail	Road Under Rail	Tunnel
Diamond Crossing	Weighbridge	Unloader	Dropping Equip Detector	Hot Wheel/Abating Detector	Wheel Impact Load Detector	Dust Monitoring Station
Rail Weight - 60 CHN	Vee Type	Rail Bound Mangroose	Fabricated	Sailing Nose	Spring Wing	Records Rainfall
Sleeper Type	Heel Type	Steel	Concrete	Prest Heel	Tolerable Points	Records Flood Level
Timber	Heel Less	Points Number	Non Reversible	WEATHER MONITORING STATION	Records Rainfall	Records Temperature



Aurizon Network Pty Ltd shall own and provide access across turnouts and other connecting infrastructure to Third Party and Aurizon Operations owned assets. Colour of connecting assets reflects the party responsible for maintenance costs.

AURIZON NETWORK OWNED ASSET	Loadout	Diamond Crossing
OTHER AURIZON OWNED ASSET	Weighbridge	Catch Points
QUEENSLAND RAIL OWNED ASSET	Unloader	Open Level Crossing
AURIZON OPERATIONS OWNED ASSET	Bridge	Dropping Equip Detector
THIRD PARTY OWNED ASSET	Road Over Rail	Hot Wheel/Braking Detector
REDUNDANT AURIZON NETWORK ASSET	Road Under Rail	Wheel Impact Load Detector
CONNECTING INFRASTRUCTURE	Tunnel	Dust Monitoring Station
Rail Weight - 60 CHR - Vee Type	WEEL TYPE	WEATHER MONITORING STATION
Sleeper Type	Rail Bound Mangoness	Records Rainfall
SLEEPER TYPE	F - Fabricated	Records Flood Level
H - Spring Nose	H - Spring Nose	Records Rainfall
C - Concrete	P - Pivot Head	Records Flood Level
T - Timber	H - Heel Less	Records Temperature
S - Steel	(T) - Trotable Points	Points Number
	Non Reversible	Non Reversible

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SCALES SHOWN ARE FOR AN A1 SIZE ORIGINAL DRAWING

NOT TO SCALE

ALTERATIONS		
1	BARABALA MINE BALLOON LOOP AMENDED	M MCK 04/18

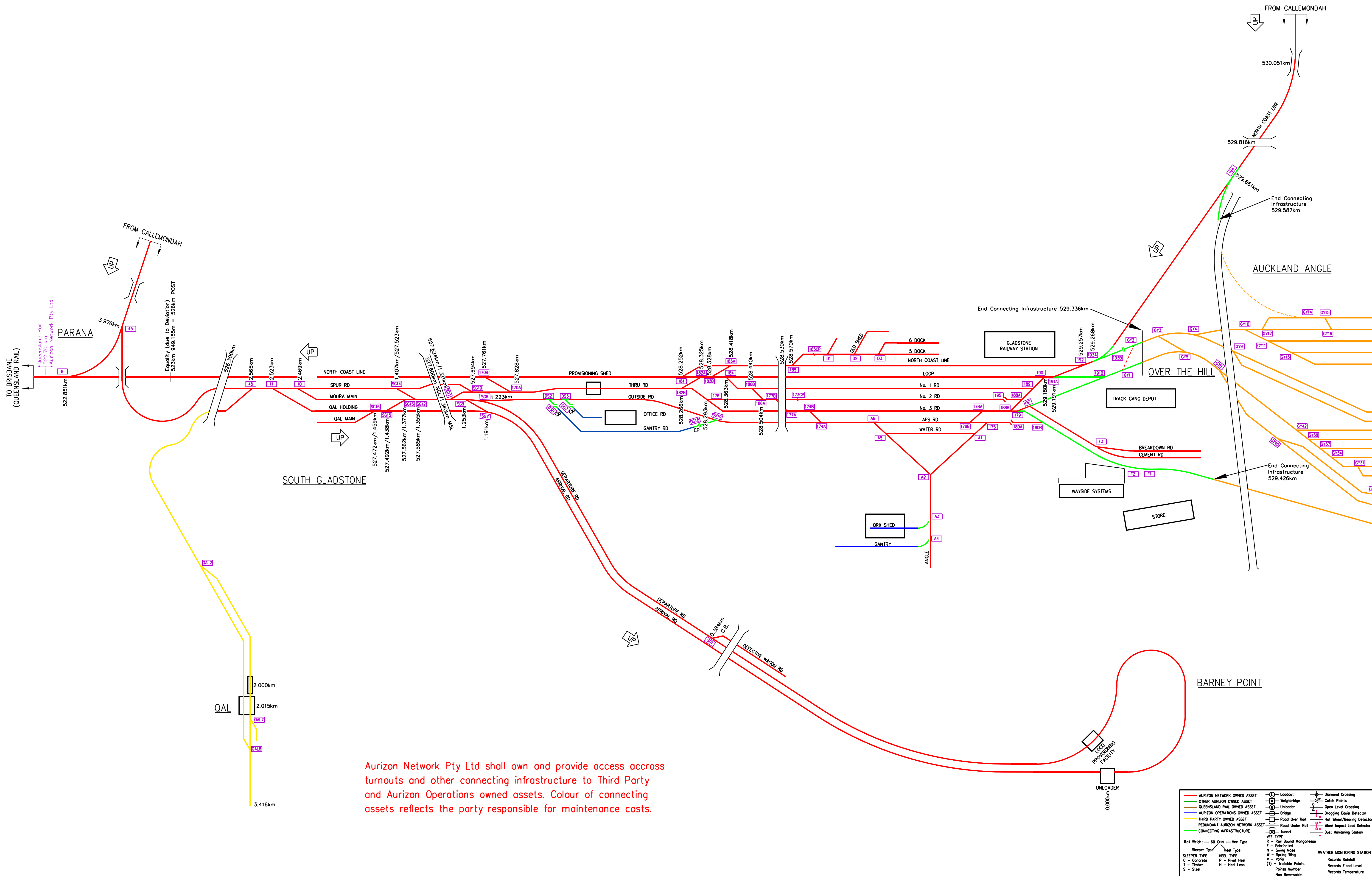
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CHECKED	M.MCKINLEY		
DRAWN		DESIGN MANAGER	DATE
CHECKED		ISSUE AUTHORISED	
DESIGN CERTIFICATION			
RPED No		MANAGER CIVIL ENGINEERING	DATE



Aurizon Network Pty Ltd - ACN 132 181 116

NETWORK OWNERSHIP DIAGRAM
MOURA SYSTEM
STOWE - MOURA
SCHEMATIC

FILE No.	DRAWING NUMBER	ISSUE
	CNA-0002	1



Aurizon Network Pty Ltd shall own and provide access across turnouts and other connecting infrastructure to Third Party and Aurizon Operations owned assets. Colour of connecting assets reflects the party responsible for maintenance costs.

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SCALES SHOWN ARE FOR AN A1 SIZE ORIGINAL DRAWING

NOT TO SCALE

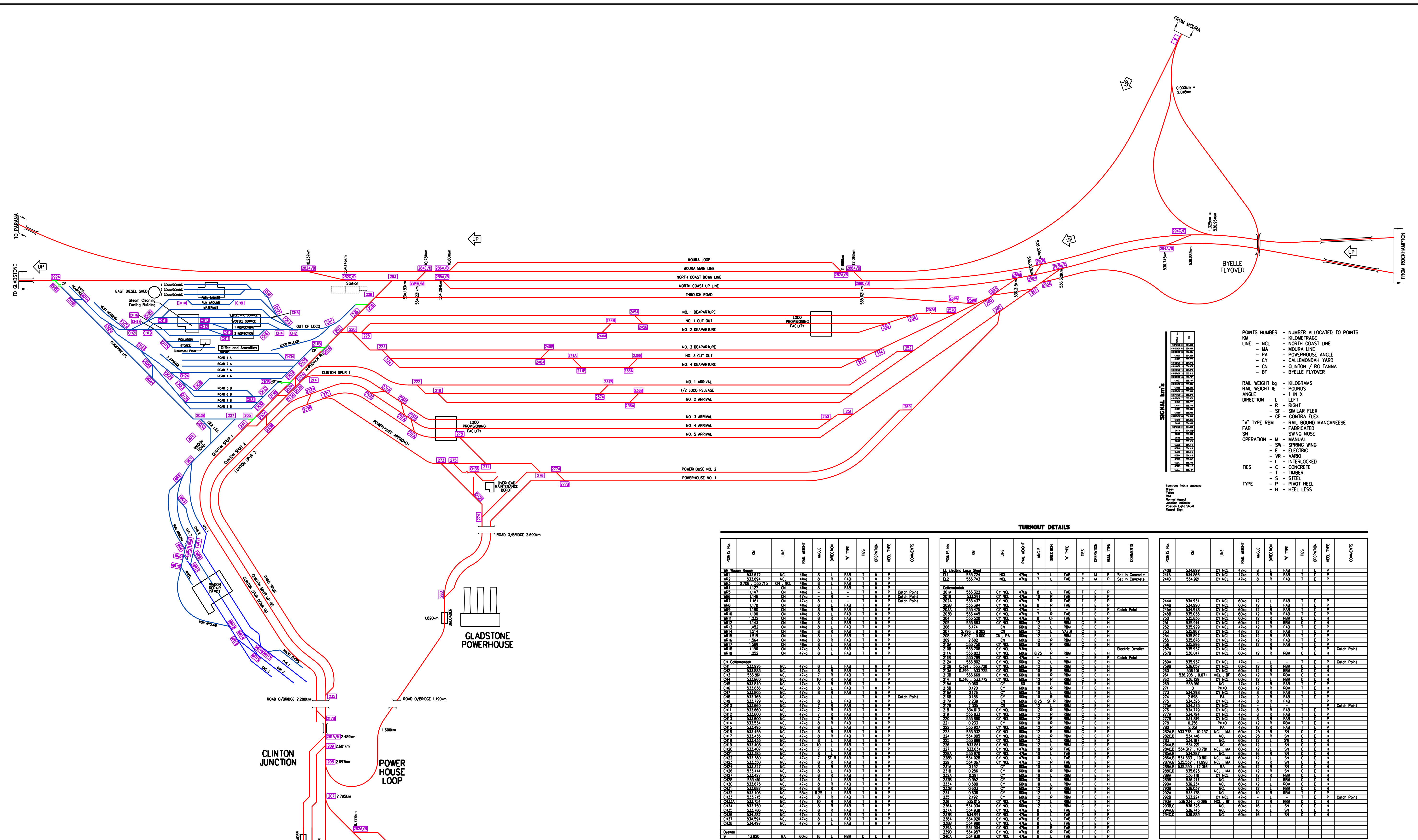
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				DRAWN	
				CHECKED	
				DESIGN CERTIFICATION	
				RPED No	
				MANAGER CIVIL ENGINEERING	DATE



Aurizon Network Pty Ltd - ACN 132 181 116

NETWORK OWNERSHIP DIAGRAM
NORTH COAST LINE SYSTEM
GLADSTONE - BYELLE
SCHEMATIC

FILE No.	DRAWING NUMBER	ISSUE
	CNA-0003	1

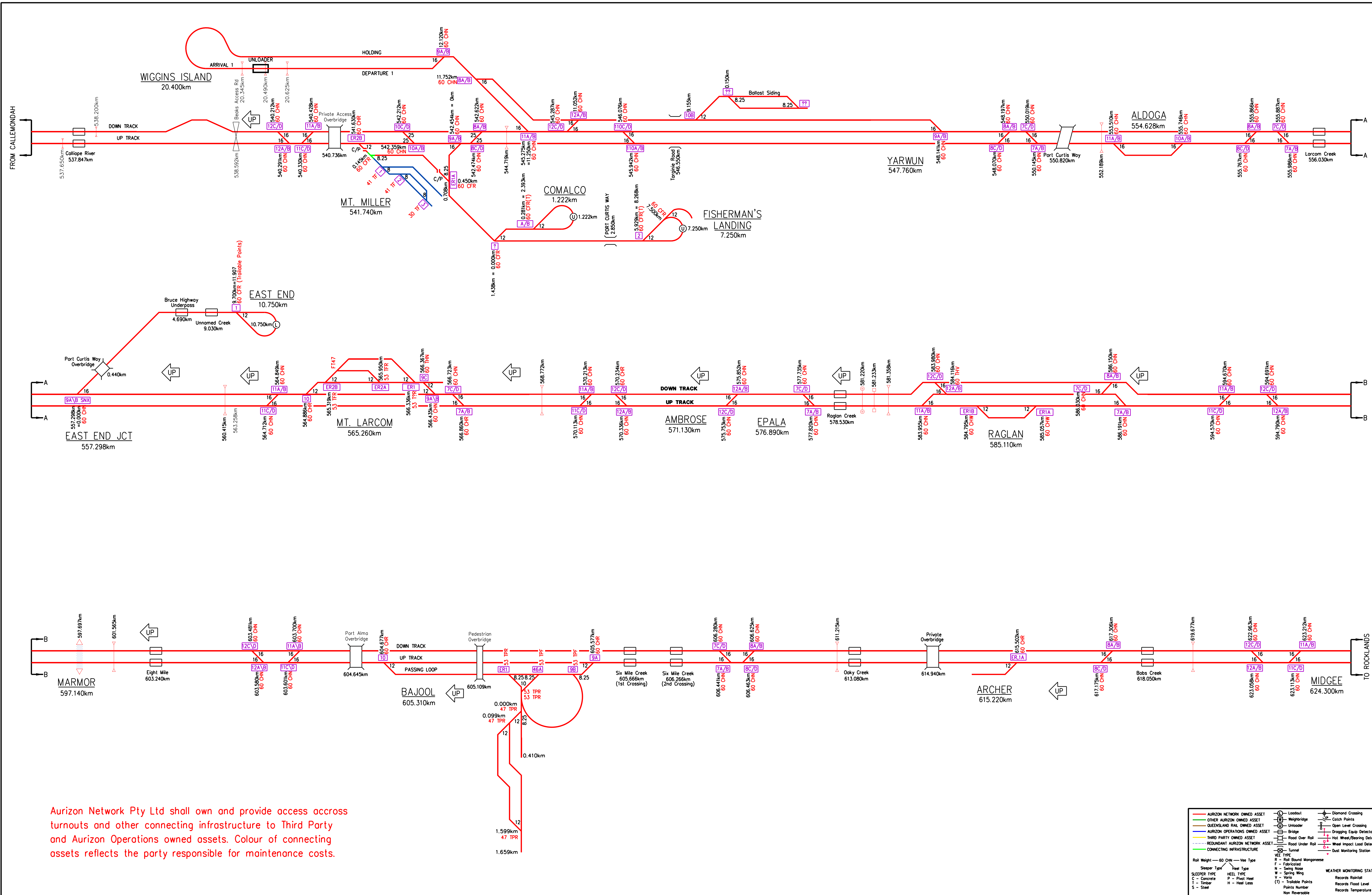


POINTS NUMBER	NUMBER ALLOCATED TO POINTS
1	1
2	2
3	3
4	4
5	5
6	6
7	7
8	8
9	9
10	10
11	11
12	12
13	13
14	14
15	15
16	16
17	17
18	18
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99	99
100	100

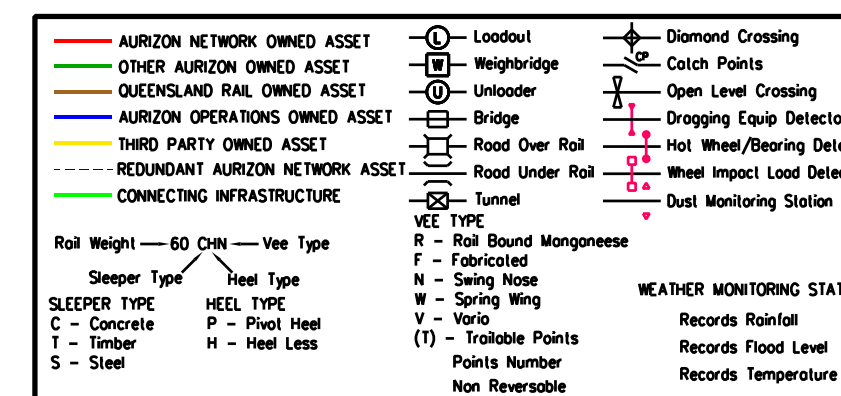
TURNOUT DETAILS										
POINTS No.	NM	LINE	RAIL WEIGHT	ANGLE	DIRECTION	V TYPE	TES	OPERATION	HEEL TYPE	COMMENTS
2408	534 889	CY NCL	47kg	8	L	FAB	F	M	P	Set in Concrete
2410	534 927	CY NCL	47kg	8	R	FAB	F	M	P	Set in Concrete
2412	534 965	CY NCL	47kg	8	R	FAB	F	M	P	Set in Concrete
2414	534 999	CY NCL	47kg	8	R	FAB	F	M	P	Set in Concrete
2416	534 1033	CY NCL	47kg	8	R	FAB	F	M	P	Set in Concrete
2418	534 1067	CY NCL	47kg	8	R	FAB	F	M	P	Set in Concrete
2420	534 1101	CY NCL	47kg	8	R	FAB	F	M	P	Set in Concrete
2422	534 1135	CY NCL	47kg	8	R	FAB	F	M	P	Set in Concrete
2424	534 1169	CY NCL	47kg	8	R	FAB	F	M	P	Set in Concrete
2426	534 1203	CY NCL	47kg	8	R	FAB	F	M	P	Set in Concrete
2428	534 1237	CY NCL	47kg	8	R	FAB	F	M	P	Set in Concrete
2430	534 1271	CY NCL	47kg	8	R	FAB	F	M	P	Set in Concrete
2432	534 1305	CY NCL	47kg	8	R	FAB	F	M	P	Set in Concrete
2434	534 1339	CY NCL	47kg	8	R	FAB	F	M	P	Set in Concrete
2436	534 1373	CY NCL	47kg	8	R	FAB	F	M	P	Set in Concrete
2438	534 1407	CY NCL	47kg	8	R	FAB	F	M	P	Set in Concrete
2440	534 1441	CY NCL	47kg	8	R	FAB	F	M	P	Set in Concrete
2442	534 1475	CY NCL	47kg	8	R	FAB	F	M	P	Set in Concrete
2444	534 1509	CY NCL	47kg	8	R	FAB	F	M	P	Set in Concrete
2446	534 1543	CY NCL	47kg	8	R	FAB	F	M	P	Set in Concrete
2448	534 1577	CY NCL	47kg	8	R	FAB	F	M	P	Set in Concrete
2450	534 1611	CY NCL	47kg	8	R	FAB	F	M	P	Set in Concrete
2452	534 1645	CY NCL	47kg	8	R	FAB	F	M	P	Set in Concrete
2454	534 1679	CY NCL	47kg	8	R	FAB	F	M	P	Set in Concrete
2456	534 1713	CY NCL	47kg	8	R	FAB	F	M	P	Set in Concrete
2458	534 1747	CY NCL	47kg	8	R	FAB	F	M	P	Set in Concrete
2460	534 1781	CY NCL	47kg	8	R	FAB	F	M	P	Set in Concrete
2462	534 1815	CY NCL	47kg	8	R	FAB	F	M	P	Set in Concrete
2464	534 1849	CY NCL	47kg	8	R	FAB	F	M	P	Set in Concrete
2466	534 1883	CY NCL	47kg	8	R	FAB	F	M	P	Set in Concrete
2468	534 1917	CY NCL	47kg	8	R	FAB	F	M	P	Set in Concrete
2470	534 1951	CY NCL	47kg	8	R	FAB	F	M	P	Set in Concrete
2472	534 1985	CY NCL	47kg	8	R	FAB	F	M	P	Set in Concrete
2474	534 2019	CY NCL	47kg	8	R	FAB	F	M	P	Set in Concrete
2476	534 2053	CY NCL	47kg	8	R	FAB	F	M	P	Set in Concrete
2478	534 2087	CY NCL	47kg	8	R	FAB	F	M	P	Set in Concrete
2480	534 2121	CY NCL	47kg	8	R	FAB	F	M	P	Set in Concrete
2482	534 2155	CY NCL	47kg	8	R	FAB	F	M	P	Set in Concrete
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2488	534 2257	CY NCL	47kg	8	R	FAB	F	M	P	Set in Concrete
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2498	534 2427	CY NCL	47kg	8	R	FAB	F	M	P	Set in Concrete
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2550	534 3311	CY NCL	47kg	8	R	FAB	F	M	P	Set in Concrete
2552	534 3345	CY NCL	47kg	8	R	FAB	F	M	P	Set in Concrete
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2572	534 3685	CY NCL	47kg	8	R	FAB	F	M	P	Set in Concrete
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2582	534 3855	CY NCL	47kg	8	R	FAB	F	M	P	Set in Concrete
2584	534 3889	CY NCL	47kg	8	R	FAB	F	M	P	Set in Concrete

Aurizon Network Pty Ltd shall own and provide access across turnouts and other connecting infrastructure to Third Party and Aurizon Operations owned assets. Colour of connecting assets reflects the party responsible for maintenance costs.

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		NOT TO SCALE		RPEd No			MANAGER CIVIL ENGINEERING DATE		FILE No. DRAWING NUMBER CNA-0004	



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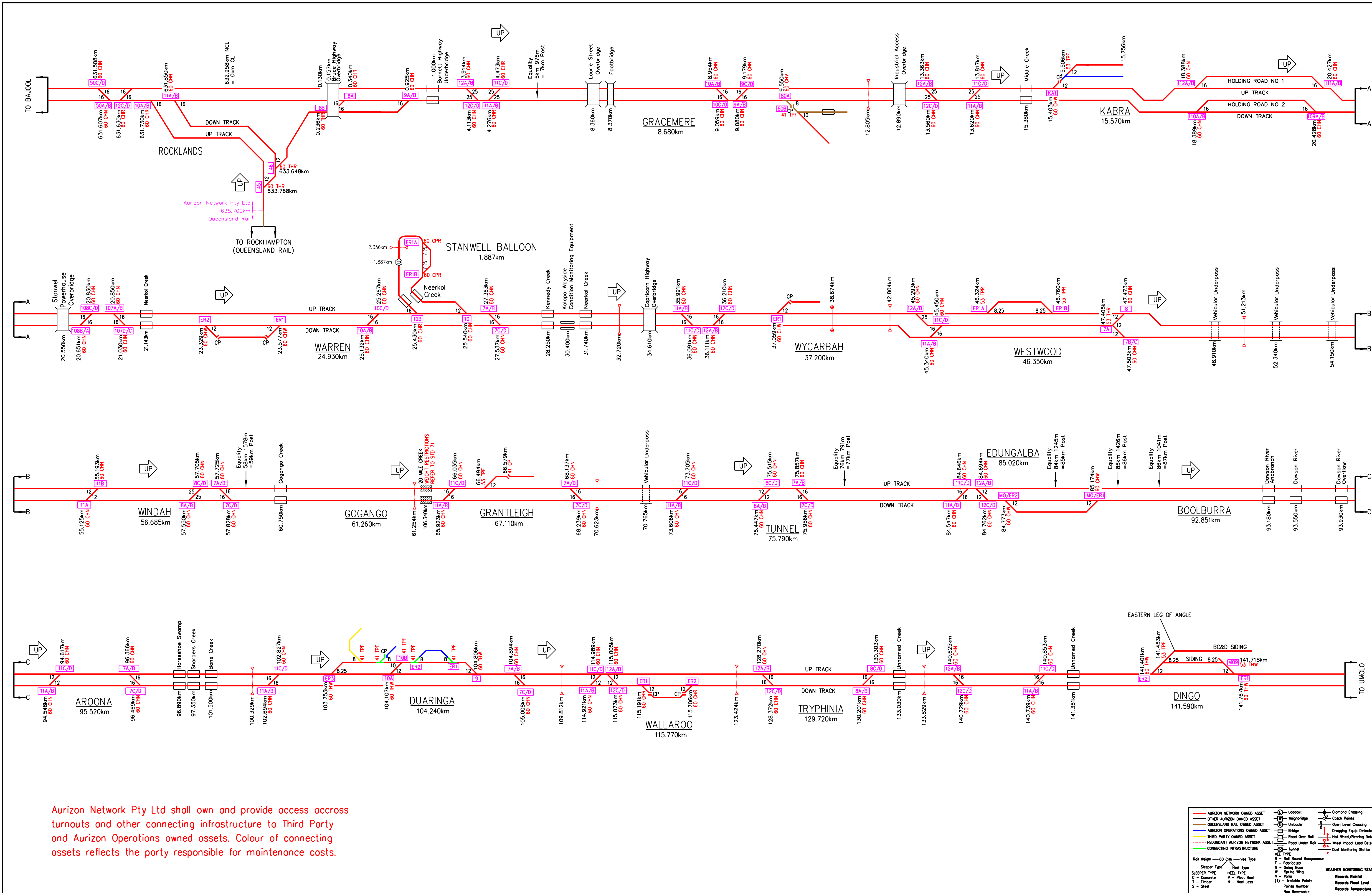
ALTERATIONS			DESIGNED	M MCKINLEY	REVIEWED
1	GENERAL UPDATE & TITLE BLOCK CHANGE	M MCK	06/18	CHECKED	M MCKINLEY
				DRAWN	
				CHECKED	
				DESIGN CERTIFICATION	
				RPED No	



Aurizon Network Pty Ltd - ACN 132 181 116

NETWORK OWNERSHIP DIAGRAM
BLACKWATER SYSTEM
CALLEMONDDAH - ROCKLANDS
SCHEMATIC

FILE No.	DRAWING NUMBER	ISSUE
	CNA-0005	1



Aurizon Network Pty Ltd shall own and provide access across turnouts and other connecting infrastructure to Third Party and Aurizon Operations owned assets. Colour of connecting assets reflects the party responsible for maintenance costs.

AURIZON NETWORK OWNED ASSET	QUEENSLAND RAIL OWNED ASSET	AURIZON OPERATIONS OWNED ASSET	THIRD PARTY OWNED ASSET	REDUNDANT AURIZON NETWORK ASSET	CONNECTING INFRASTRUCTURE
Level Crossing	Weighbridge	Underpass	Bridge	Road Over Rail	Road Under Rail
Tunnel	Trestle	Road	Road	Road	Road
Weighbridge	Weighbridge	Weighbridge	Weighbridge	Weighbridge	Weighbridge
Diamond Crossing	Diamond Crossing	Diamond Crossing	Diamond Crossing	Diamond Crossing	Diamond Crossing
Catch Points	Catch Points	Catch Points	Catch Points	Catch Points	Catch Points
Open Level Crossing	Open Level Crossing	Open Level Crossing	Open Level Crossing	Open Level Crossing	Open Level Crossing
Draying Equip Detector	Draying Equip Detector	Draying Equip Detector	Draying Equip Detector	Draying Equip Detector	Draying Equip Detector
Hot Wheel/Braking Detector	Hot Wheel/Braking Detector	Hot Wheel/Braking Detector	Hot Wheel/Braking Detector	Hot Wheel/Braking Detector	Hot Wheel/Braking Detector
Wheel Impact Load Detector	Wheel Impact Load Detector	Wheel Impact Load Detector	Wheel Impact Load Detector	Wheel Impact Load Detector	Wheel Impact Load Detector
Dust Monitoring Station	Dust Monitoring Station	Dust Monitoring Station	Dust Monitoring Station	Dust Monitoring Station	Dust Monitoring Station
WEATHER MONITORING STATION	WEATHER MONITORING STATION	WEATHER MONITORING STATION	WEATHER MONITORING STATION	WEATHER MONITORING STATION	WEATHER MONITORING STATION
Records Rainfall	Records Rainfall	Records Rainfall	Records Rainfall	Records Rainfall	Records Rainfall
Records Flood Level	Records Flood Level	Records Flood Level	Records Flood Level	Records Flood Level	Records Flood Level
Records Temperature	Records Temperature	Records Temperature	Records Temperature	Records Temperature	Records Temperature

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DESIGN CERTIFICATION		
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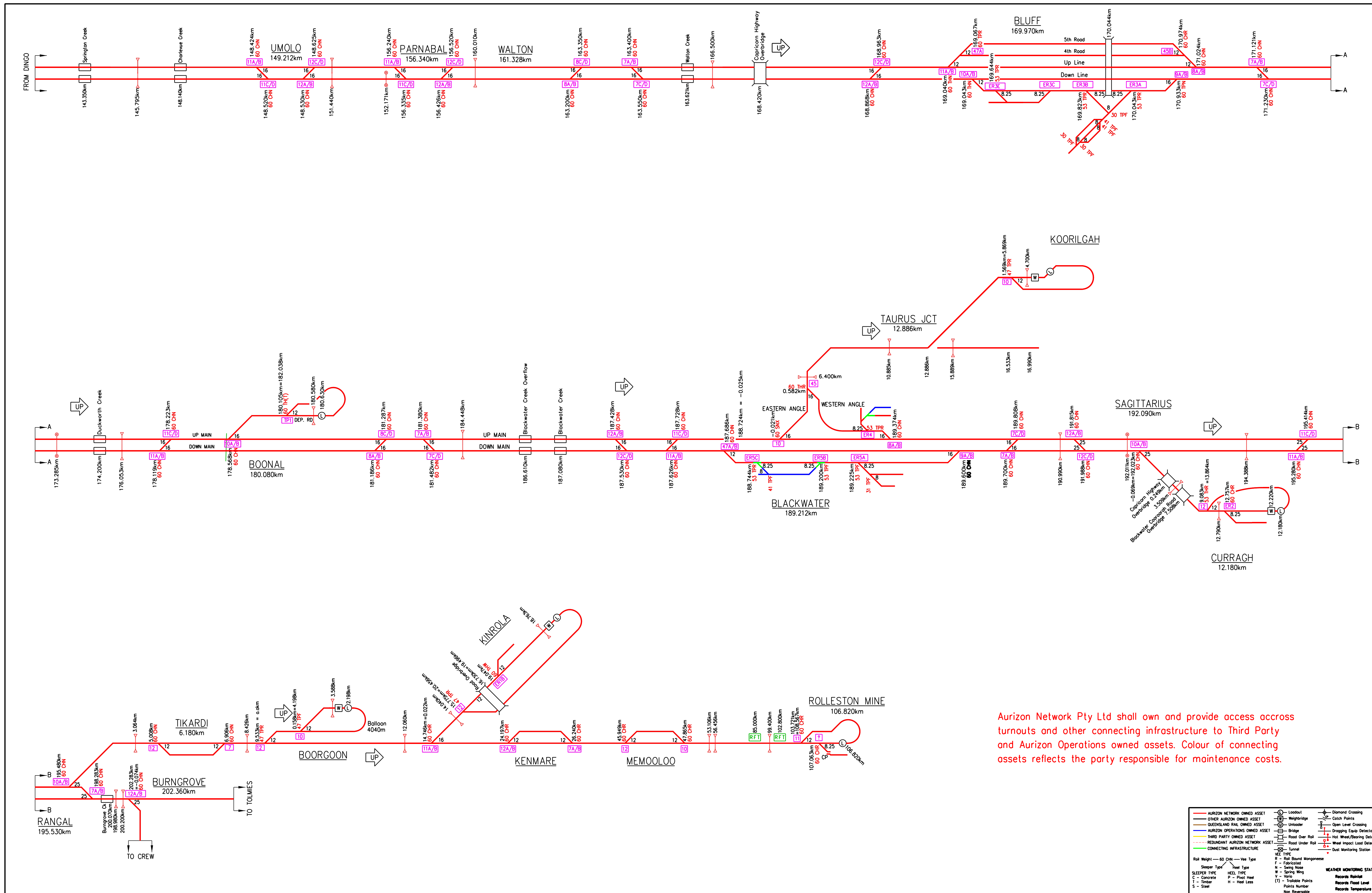
Aurizon Network Pty Ltd - ACN 132 181 116

NETWORK OWNERSHIP DIAGRAM

BLACKWATER SYSTEM

ROCKLANDS - DINGO SCHEMATIC

FILE No.	DRAWING NUMBER	ISSUE
	CNA-0006	1



Aurizon Network Pty Ltd shall own and provide access across turnouts and other connecting infrastructure to Third Party and Aurizon Operations owned assets. Colour of connecting assets reflects the party responsible for maintenance costs.

AURIZON NETWORK OWNED ASSET	OTHER AURIZON OWNED ASSET	QUEENSLAND RAIL OWNED ASSET	AURIZON OPERATIONS OWNED ASSET	THIRD PARTY OWNED ASSET	REDUNDANT AURIZON NETWORK ASSET	CONNECTING INFRASTRUCTURE
60 CHN - Vee Type	60 CHN - Vee Type	60 CHN - Vee Type	60 CHN - Vee Type	60 CHN - Vee Type	60 CHN - Vee Type	60 CHN - Vee Type
SLEEPER TYPE	HEEL TYPE	HEEL TYPE	HEEL TYPE	HEEL TYPE	HEEL TYPE	HEEL TYPE
C - Concrete	I - Timber	P - Paved Heel	H - Heel Less	(T) - Trotable Points	Points Number	Non Reversible
WEATHER MONITORING STATION	Records Rainfall	Records Flood Level	Records Temperature	Records Wind	Records Humidity	Records Air Quality

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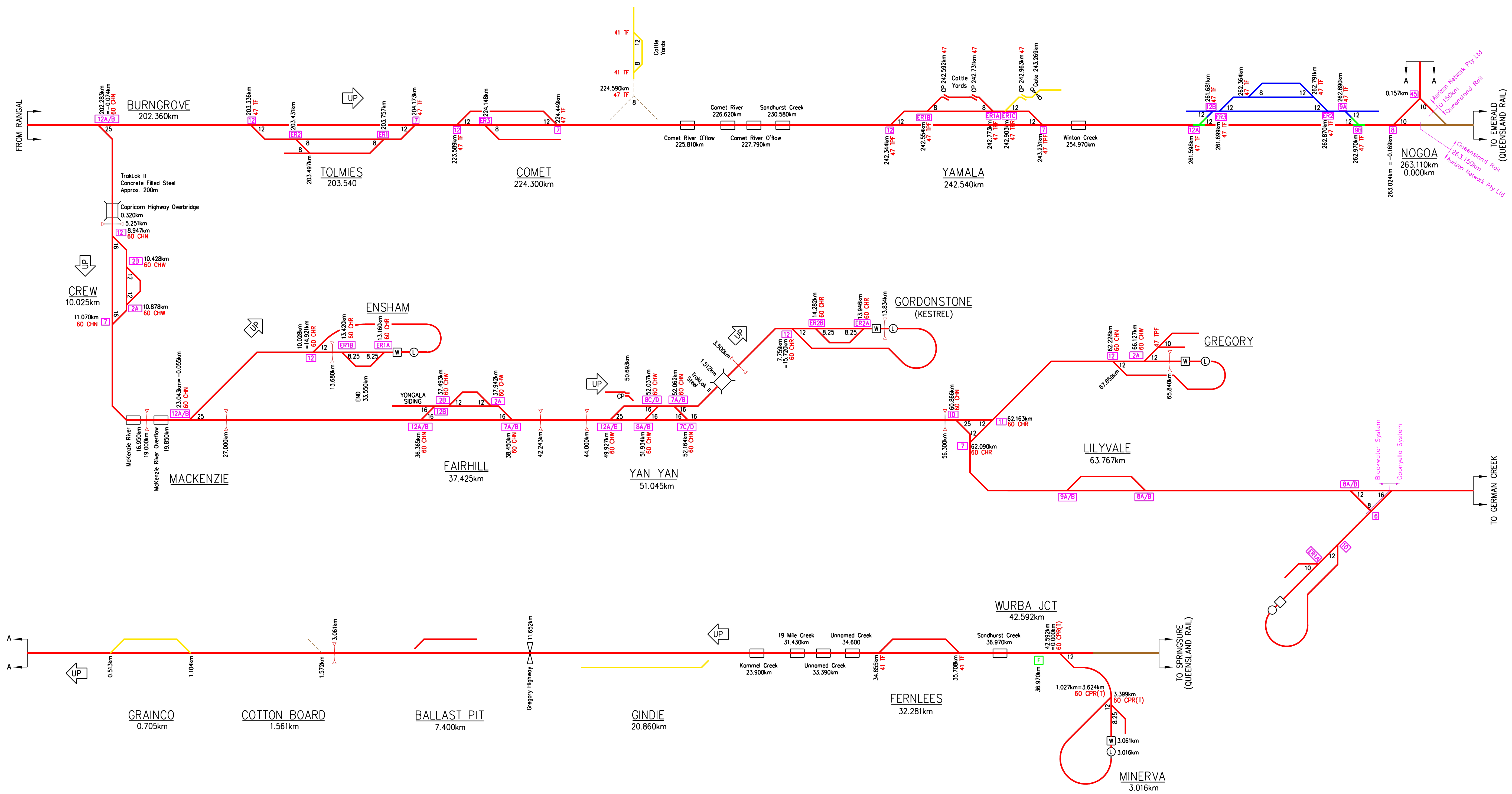
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				DRAWN	
				CHECKED	M MCKINLEY
				DESIGN CERTIFICATION	
				RPED No	
				MANAGER CIVIL ENGINEERING	



Aurizon Network Pty Ltd - ACN 132 181 116

NETWORK OWNERSHIP DIAGRAM
BLACKWATER SYSTEM
DINGO - BURNGROVE
SCHEMATIC

FILE No.	DRAWING NUMBER	ISSUE
	CNA-0007	1



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				CHECKED	
				DESIGN CERTIFICATION	
				RPED No	
				MANAGER CIVIL ENGINEERING	DATE

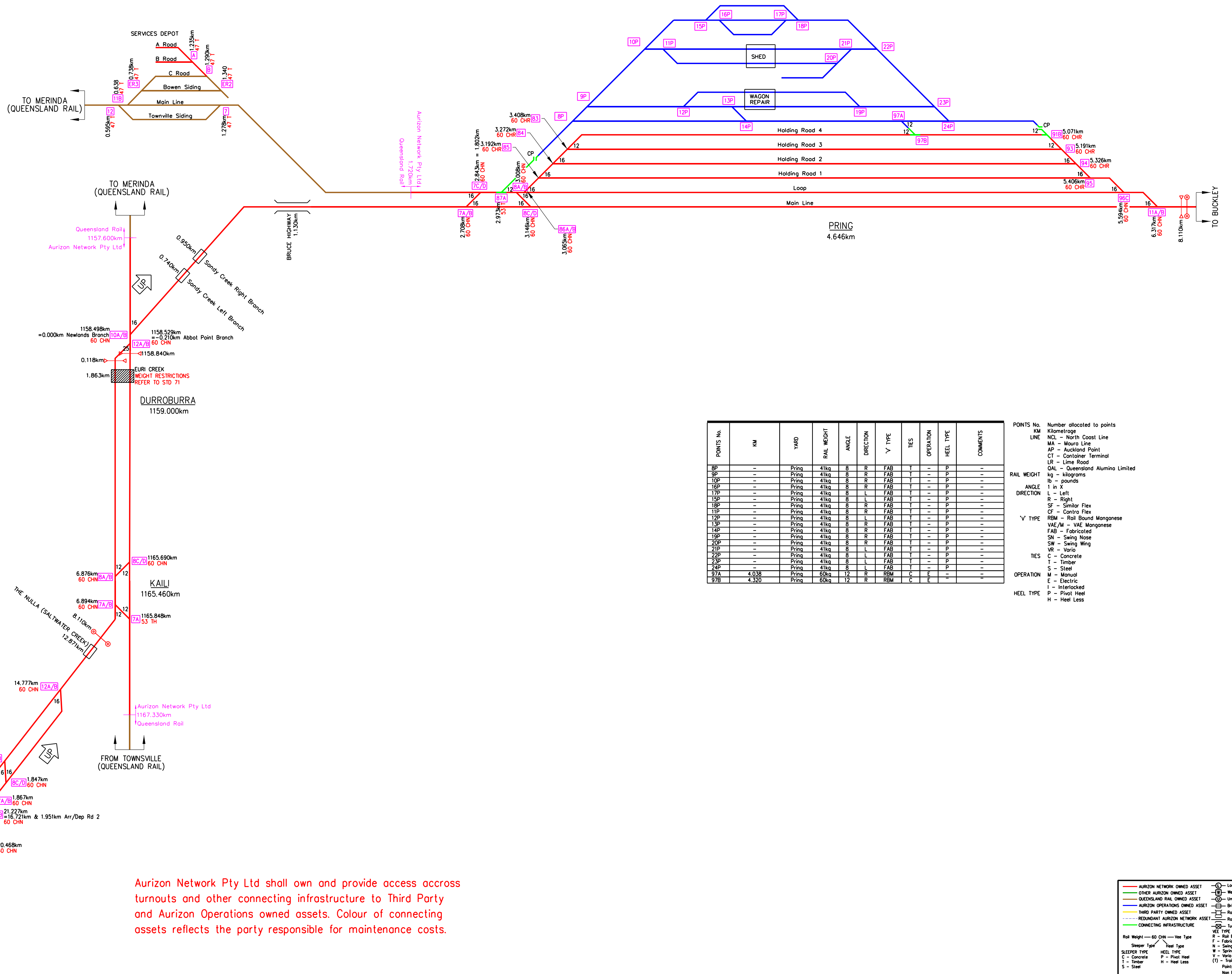


Aurizon Network Pty Ltd - ACN 132 181 116

NETWORK OWNERSHIP DIAGRAM
BLACKWATER SYSTEM
 BURN GROVE - MINES
 SCHEMATIC

AURIZON NETWORK OWNED ASSET	OTHER AURIZON OWNED ASSET	QUEENSLAND RAIL OWNED ASSET	AURIZON OPERATIONS OWNED ASSET	THIRD PARTY OWNED ASSET	REDUNDANT AURIZON NETWORK ASSET	CONNECTING INFRASTRUCTURE
Road Weight - 60 CHN	Vee Type	SLEEPER TYPE	HEEL TYPE	T - Troable Points	Points Number	Non Reversible
Loadout	Weighbridge	Unloader	Bridge	Road Over Rail	Road Under Rail	Tunnel
Diamond Crossing	Catch Points	Open Level Crossing	Dropping Equip Detector	Hot Wheel/Abating Detector	Wheel Impact Load Detector	Dust Monitoring Station
WEATHER MONITORING STATION	Records Rainfall	Records Flood Level	Records Temperature			

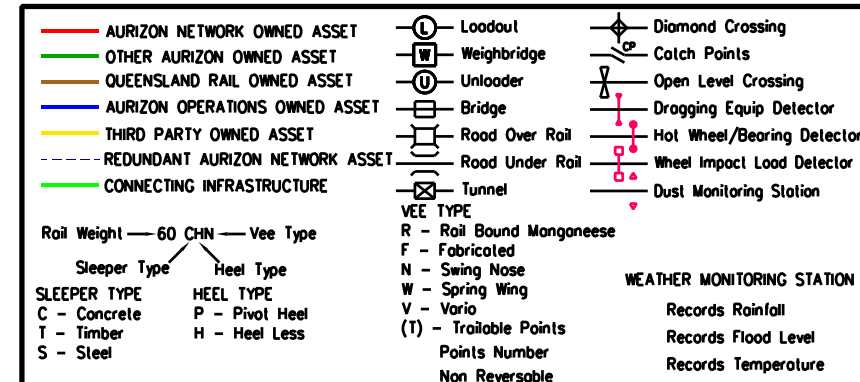
FILE No.	DRAWING NUMBER	ISSUE
	CNA-0008	1



POINTS No.	KM	YARD	RAIL WEIGHT	ANGLE	DIRECTION	'V' TYPE	TIES	OPERATION	HEEL TYPE	COMMENTS
8P	-	Pring	41kg	8	R	FAB	T	-	P	-
9P	-	Pring	41kg	8	R	FAB	T	-	P	-
10P	-	Pring	41kg	8	P	FAB	T	-	P	-
11P	-	Pring	41kg	8	R	FAB	T	-	P	-
12P	-	Pring	41kg	8	L	FAB	T	-	P	-
13P	-	Pring	41kg	8	R	FAB	T	-	P	-
14P	-	Pring	41kg	8	R	FAB	T	-	P	-
15P	-	Pring	41kg	8	R	FAB	T	-	P	-
16P	-	Pring	41kg	8	R	FAB	T	-	P	-
17P	-	Pring	41kg	8	L	FAB	T	-	P	-
18P	-	Pring	41kg	8	L	FAB	T	-	P	-
19P	-	Pring	41kg	8	R	FAB	T	-	P	-
20P	-	Pring	41kg	8	R	FAB	T	-	P	-
21P	-	Pring	41kg	8	L	FAB	T	-	P	-
22P	-	Pring	41kg	8	L	FAB	T	-	P	-
23P	-	Pring	41kg	8	L	FAB	T	-	P	-
24P	-	Pring	41kg	8	L	FAB	T	-	P	-
97A	4.038	Pring	60kg	12	R	RBM	C	E	-	-
97B	4.320	Pring	60kg	12	R	RBM	C	E	-	-

- POINTS No. Number allocated to points
 KM Kilometrage
 LNF North Coast Line
 MA Mauro Line
 AP Auckland Point
 CT Container Terminal
 LR Lime Road
 OAL Queensland Alumina Limited
- RAIL WEIGHT kg - kilograms
 lb - pounds
- ANGLE 1 in X
 DIRECTION L - Left
 R - Right
 SF - Similar Flex
 CF - Contra Flex
- 'V' TYPE RBM - Rail Bound Mongonese
 VAE/M - VAE Mongonese
 FAB - Fabricated
 SN - Swing Nose
 SW - Swing Wing
 VR - Vario
 C - Concrete
 T - Timber
 S - Steel
 M - Manual
 E - Electric
 I - Interlocked
 P - Pivotal Heel
 H - Heel Less

Aurizon Network Pty Ltd shall own and provide access across turnouts and other connecting infrastructure to Third Party and Aurizon Operations owned assets. Colour of connecting assets reflects the party responsible for maintenance costs.



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				RPED No	

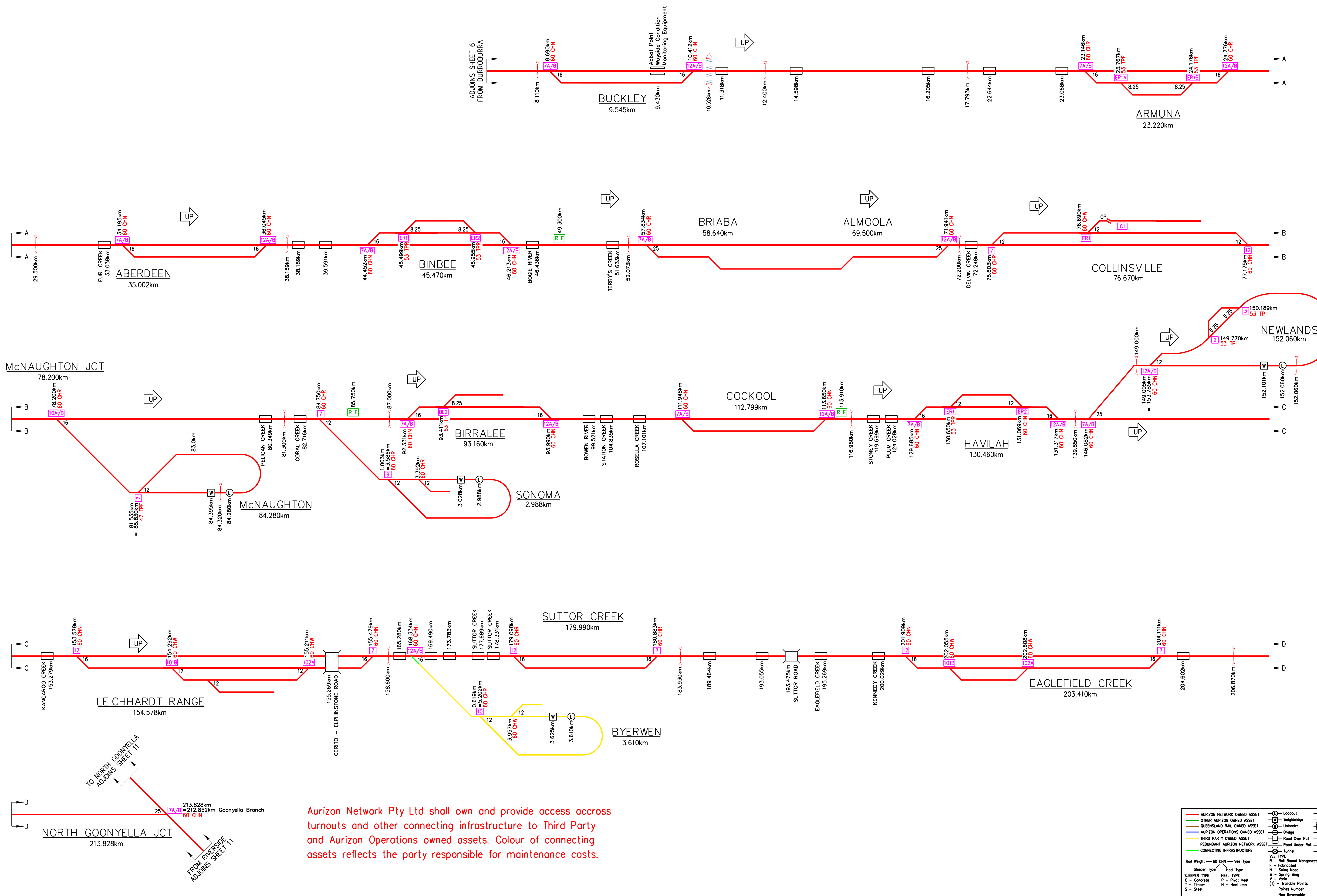


Aurizon Network Pty Ltd - ACN 132 181 116

NETWORK OWNERSHIP DIAGRAM
NEWLANDS SYSTEM
 ABBOT POINT - PRING
 SCHEMATIC

FILE No. _____

DRAWING NUMBER	ISSUE
CNA-0009	1



Aurizon Network Pty Ltd shall own and provide access across turnouts and other connecting infrastructure to Third Party and Aurizon Operations owned assets. Colour of connecting assets reflects the party responsible for maintenance costs.

AURIZON NETWORK OWNED ASSET	QUEENSLAND RAIL OWNED ASSET	AURIZON OPERATIONS OWNED ASSET	THIRD PARTY OWNED ASSET	REDUNDANT AURIZON NETWORK ASSET	CONNECTING INFRASTRUCTURE
RAIL WEIGHT - 60 CHN	VEE TYPE	SLEEPER TYPE	HEEL TYPE	T - Timber	S - Steel
Loadout	Weighbridge	Unloader	Bridge	Road Over Rail	Road Under Rail
Diamond Crossing	Catch Points	Open Level Crossing	Dropping Equip Detector	Hot Wheel/Braking Detector	Wheel Impact Load Detector
WEATHER MONITORING STATION	Records Rainfall	Records Flood Level	Records Temperature	Non Reversible	

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ALTERATIONS		
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CHECKED	M MCKINLEY		
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CHECKED		ISSUE AUTHORISED	
DESIGN CERTIFICATION			
RPED No		MANAGER CIVIL ENGINEERING	DATE



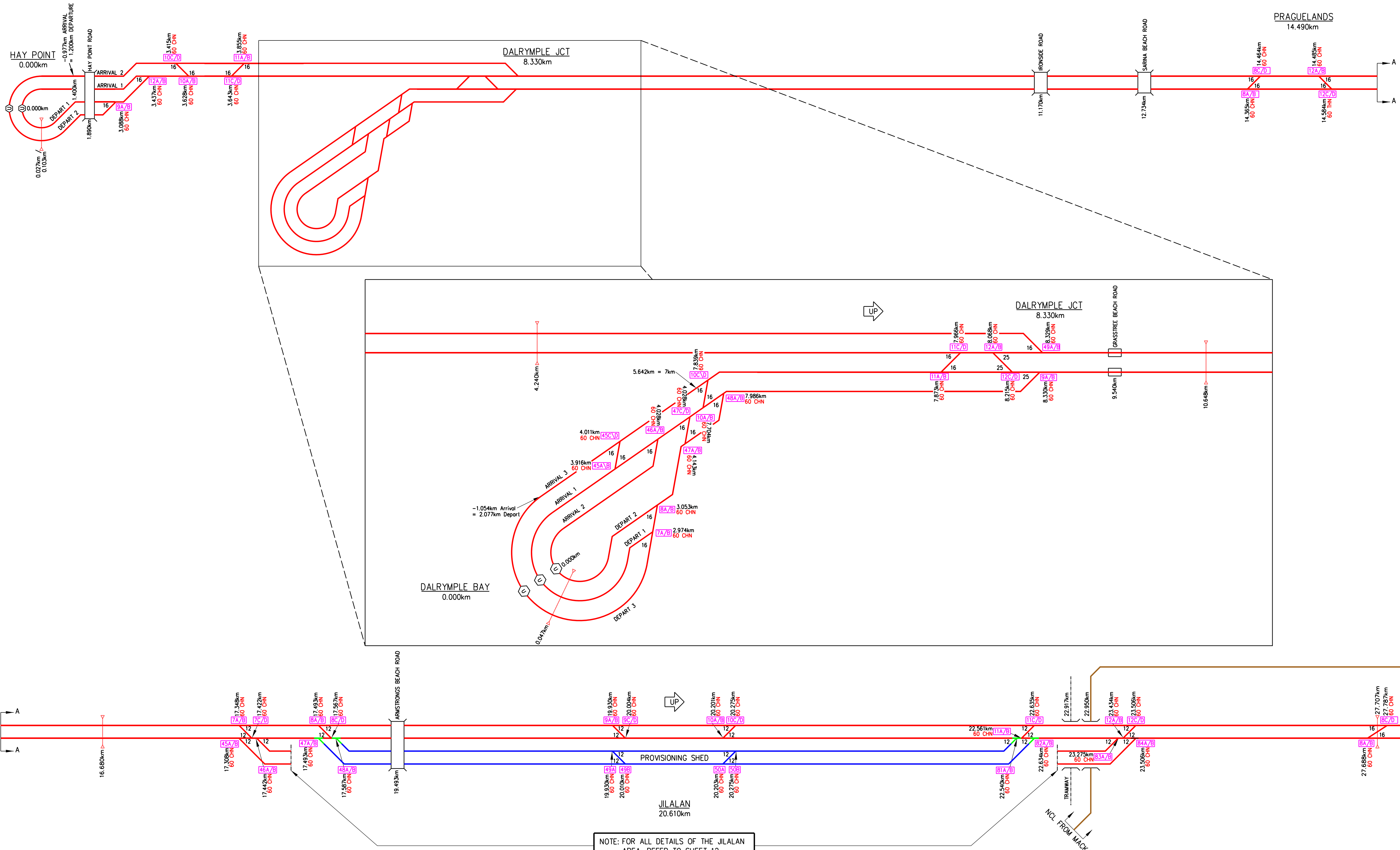
Aurizon Network Pty Ltd - ACN 132 181 116

NETWORK OWNERSHIP DIAGRAM

NEWLANDS SYSTEM

BUCKLEY - NORTH GOONYELLA SCHEMATIC

FILE No.	DRAWING NUMBER	ISSUE
	CNA-0010	1



Aurizon Network Pty Ltd shall own and provide access across turnouts and other connecting infrastructure to Third Party and Aurizon Operations owned assets. Colour of connecting assets reflects the party responsible for maintenance costs.

AURIZON NETWORK OWNED ASSET	Loadout	Diamond Crossing
OTHER AURIZON OWNED ASSET	Weighbridge	Catch Points
QUEENSLAND RAIL OWNED ASSET	Unloader	Open Level Crossing
AURIZON OPERATIONS OWNED ASSET	Bridge	Dropping Equip Detector
THIRD PARTY OWNED ASSET	Road Over Rail	Hot Wheel/Abating Detector
REDUNDANT AURIZON NETWORK ASSET	Road Under Rail	Wheel Impact Load Detector
CONNECTING INFRASTRUCTURE	Tunnel	Dust Monitoring Station
Roll Weight — 60 CHN — Vee Type	HEEL TYPE	
Sleeper Type — Heel Type	F — Fabricated	
SLEEPER TYPE	H — Spring Nose	
C — Concrete	W — Spring Wing	
T — Timber	H — Heel Less	
S — Steel	(T) — Troable Points	
	Points Number	
	Non Reversible	
		WEATHER MONITORING STATION
		Records Rainfall
		Records Flood Level
		Records Temperature

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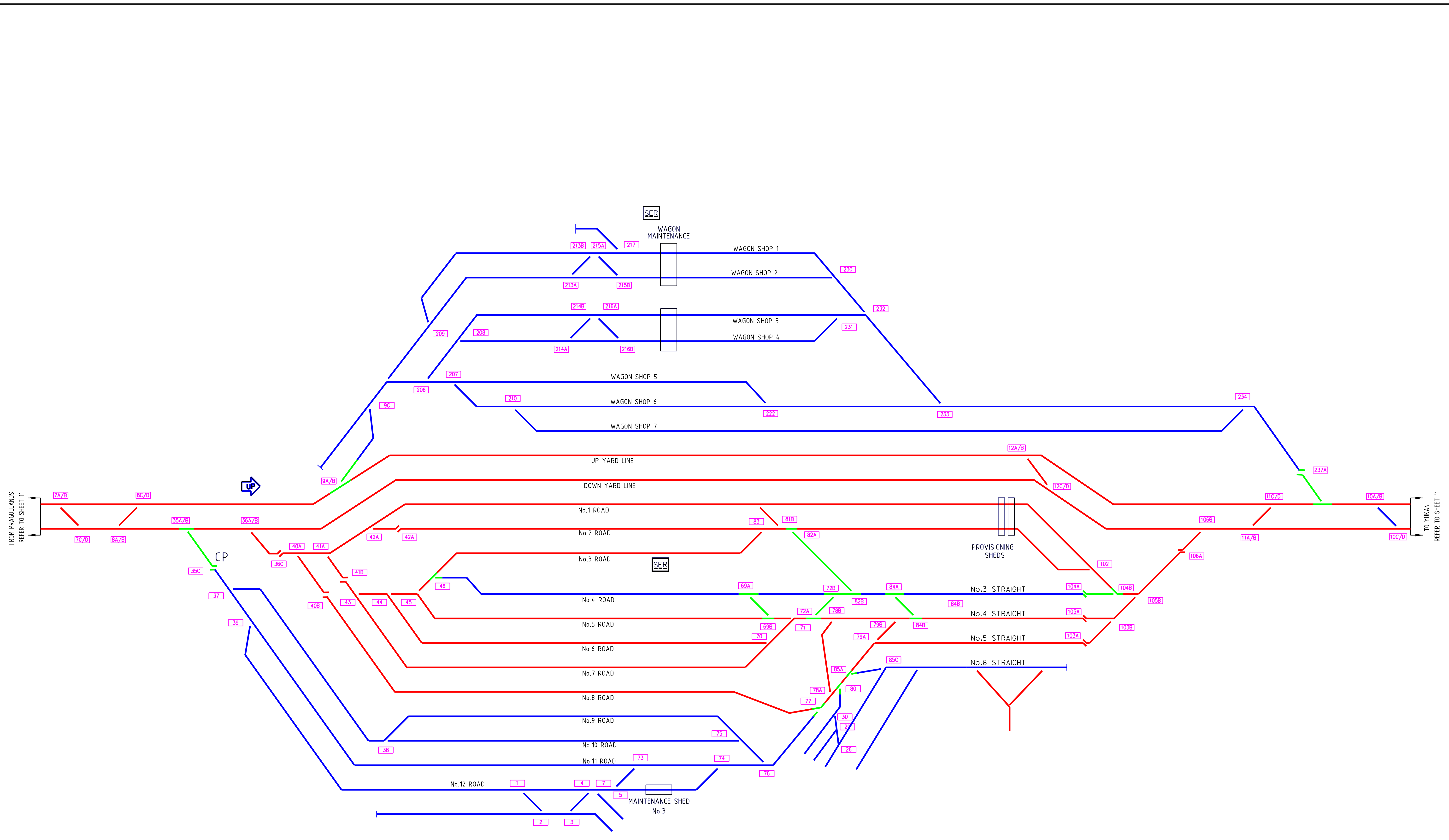
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				RPED No	
				MANAGER CIVIL ENGINEERING	DATE



Aurizon Network Pty Ltd - ACN 132 181 116

NETWORK OWNERSHIP DIAGRAM
GOONYELLA SYSTEM
PORTS - YUKAN
SCHEMATIC

FILE No.	DRAWING NUMBER	ISSUE
	CNA-0011	1



Aurizon Network Pty Ltd shall own and provide access across turnouts and other connecting infrastructure to Third Party and Aurizon Operations owned assets. Colour of connecting assets reflects the party responsible for maintenance costs.

AURIZON NETWORK OWNED ASSET	OTHER AURIZON OWNED ASSET	QUEENSLAND RAIL OWNED ASSET	AURIZON OPERATIONS OWNED ASSET	THIRD PARTY OWNED ASSET	REDUNDANT AURIZON NETWORK ASSET	CONNECTING INFRASTRUCTURE
Loadout	Weighbridge	Unloader	Bridge	Road Over Rail	Road Under Rail	Tunnel
Diamond Crossing	Catch Points	Open Level Crossing	Dropping Equip Detector	Hot Wheel/Braking Detector	Wheel Impact Load Detector	Dust Monitoring Station
Rail Weight — 60 CHN — Vee Type	HEEL TYPE R — Rail Bound Mangroose	F — Fabricated	H — Spring Nose	W — Spring Wing	V — Vario	(T) — Trotable Points
SLEEPER TYPE C — Concrete T — Timber S — Steel	HEEL TYPE P — Pivot Heel H — Heel Less	F — Fabricated	H — Spring Nose	W — Spring Wing	V — Vario	(T) — Trotable Points
						Points Number Non Reversible
						WEATHER MONITORING STATION Records Rainfall Records Flood Level Records Temperature

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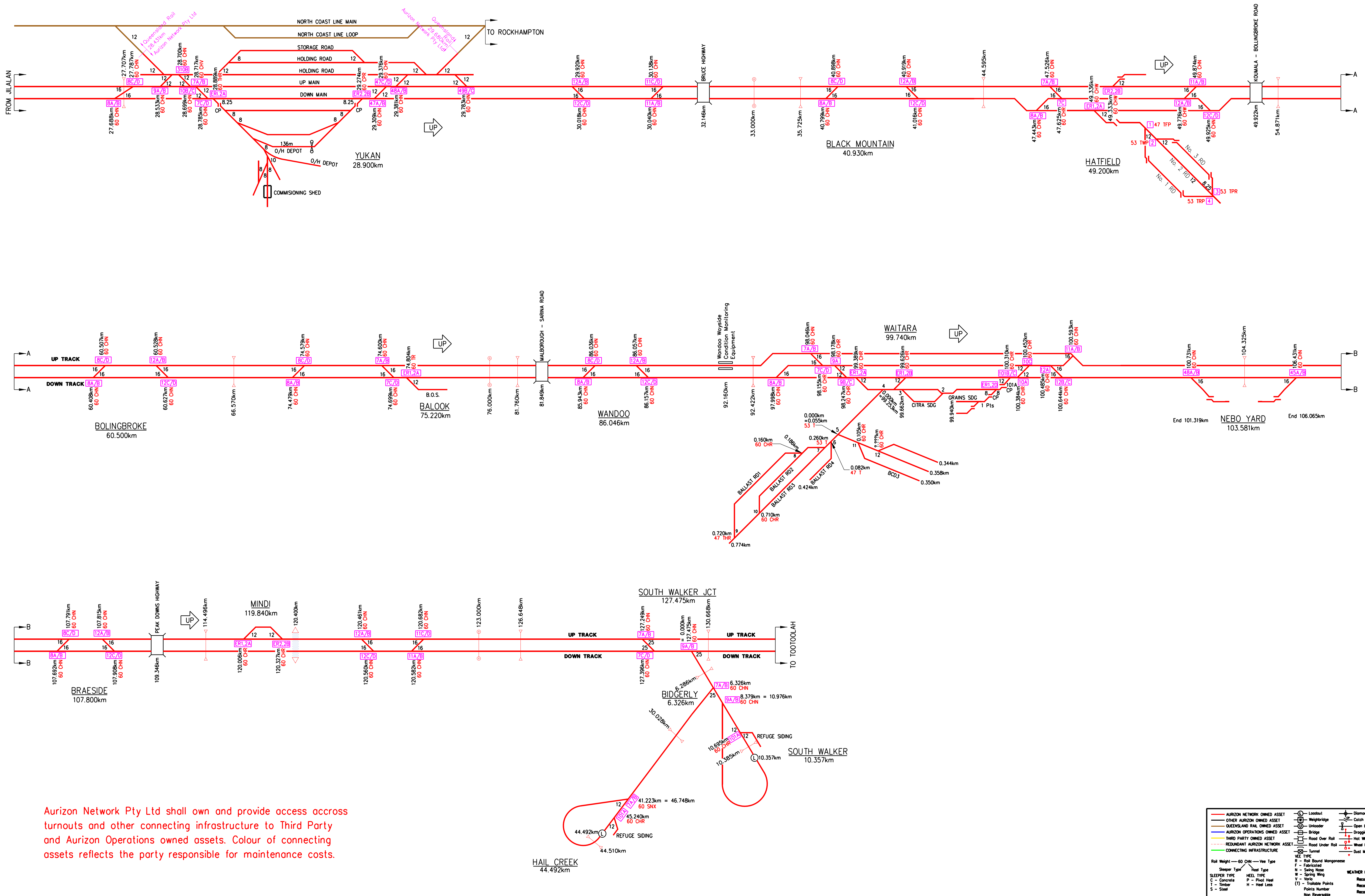
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				CHECKED
				DESIGN CERTIFICATION
				RPED No
				MANAGER CIVIL ENGINEERING DATE



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NETWORK OWNERSHIP DIAGRAM
GOONYELLA SYSTEM
JILALAN
SCHEMATIC

FILE No.	DRAWING NUMBER	ISSUE
	CNA-0012	1



Aurizon Network Pty Ltd shall own and provide access across turnouts and other connecting infrastructure to Third Party and Aurizon Operations owned assets. Colour of connecting assets reflects the party responsible for maintenance costs.

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ALTERATIONS

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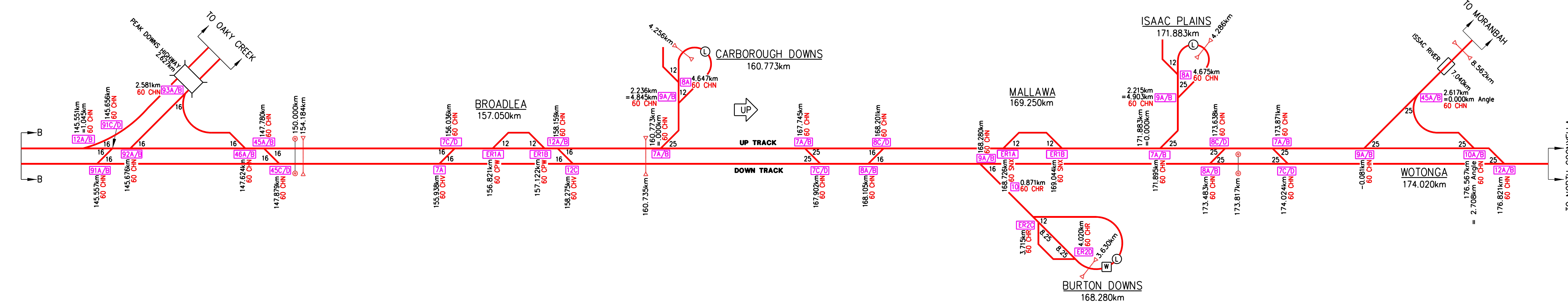
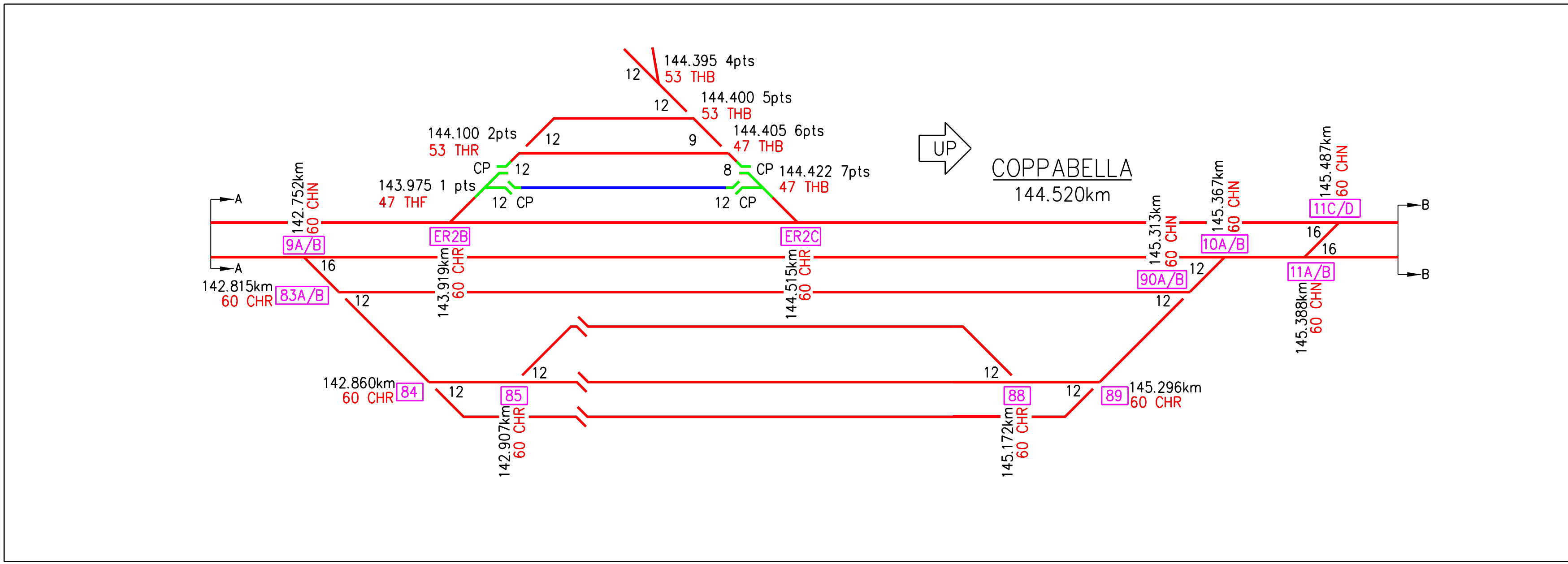
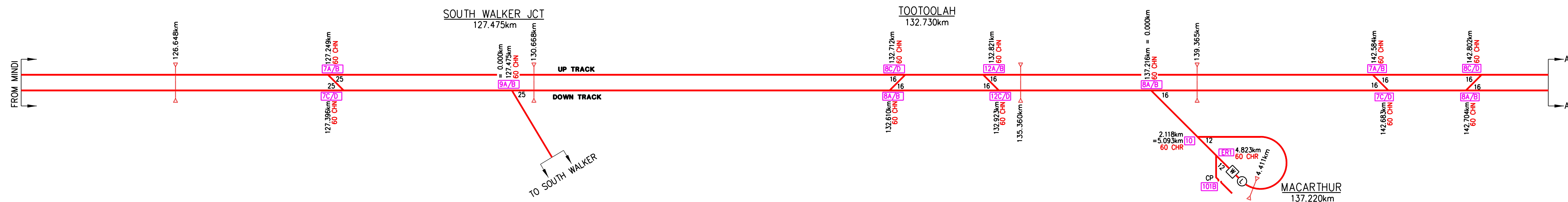
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Aurizon Network Pty Ltd - ACN 132 181 116

NETWORK OWNERSHIP DIAGRAM
GOONYELLA SYSTEM
 YUKAN - HAIL CREEK
 SCHEMATIC

FILE No.	DRAWING NUMBER	ISSUE
	CNA-0013	1



Aurizon Network Pty Ltd shall own and provide access across turnouts and other connecting infrastructure to Third Party and Aurizon Operations owned assets. Colour of connecting assets reflects the party responsible for maintenance costs.

—	AURIZON NETWORK OWNED ASSET	—	Loadout	—	Diamond Crossing
—	OTHER AURIZON OWNED ASSET	—	Weightbridge	—	Catch Points
—	QUEENSLAND RAIL OWNED ASSET	—	Unloader	—	Open Level Crossing
—	AURIZON OPERATIONS OWNED ASSET	—	Bridge	—	Drooping Equip Detector
—	THIRD PARTY OWNED ASSET	—	Road Over Rail	—	Hot Wheel/Abating Detector
—	REDUNDANT AURIZON NETWORK ASSET	—	Road Under Rail	—	Wheel Impact Load Detector
—	CONNECTING INFRASTRUCTURE	—	Tunnel	—	Dust Monitoring Station
—	VEE TYPE	—	WEEL TYPE	—	WEATHER MONITORING STATION
—	Rail Weight — 60 CHN — Vee Type	—	F — Fabricated	—	Records Rainfall
—	Sleeper Type	—	H — Spring Nose	—	Records Flood Level
—	HEEL TYPE	—	W — Spring Wing	—	Records Temperature
—	C — Concrete	—	P — Pinned Head	—	
—	T — Timber	—	H — Head Less	—	
—	S — Steel	—	(T) — Troable Points	—	
			Points Number		
			Non Reversible		

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				MANAGER CIVIL ENGINEERING	DATE

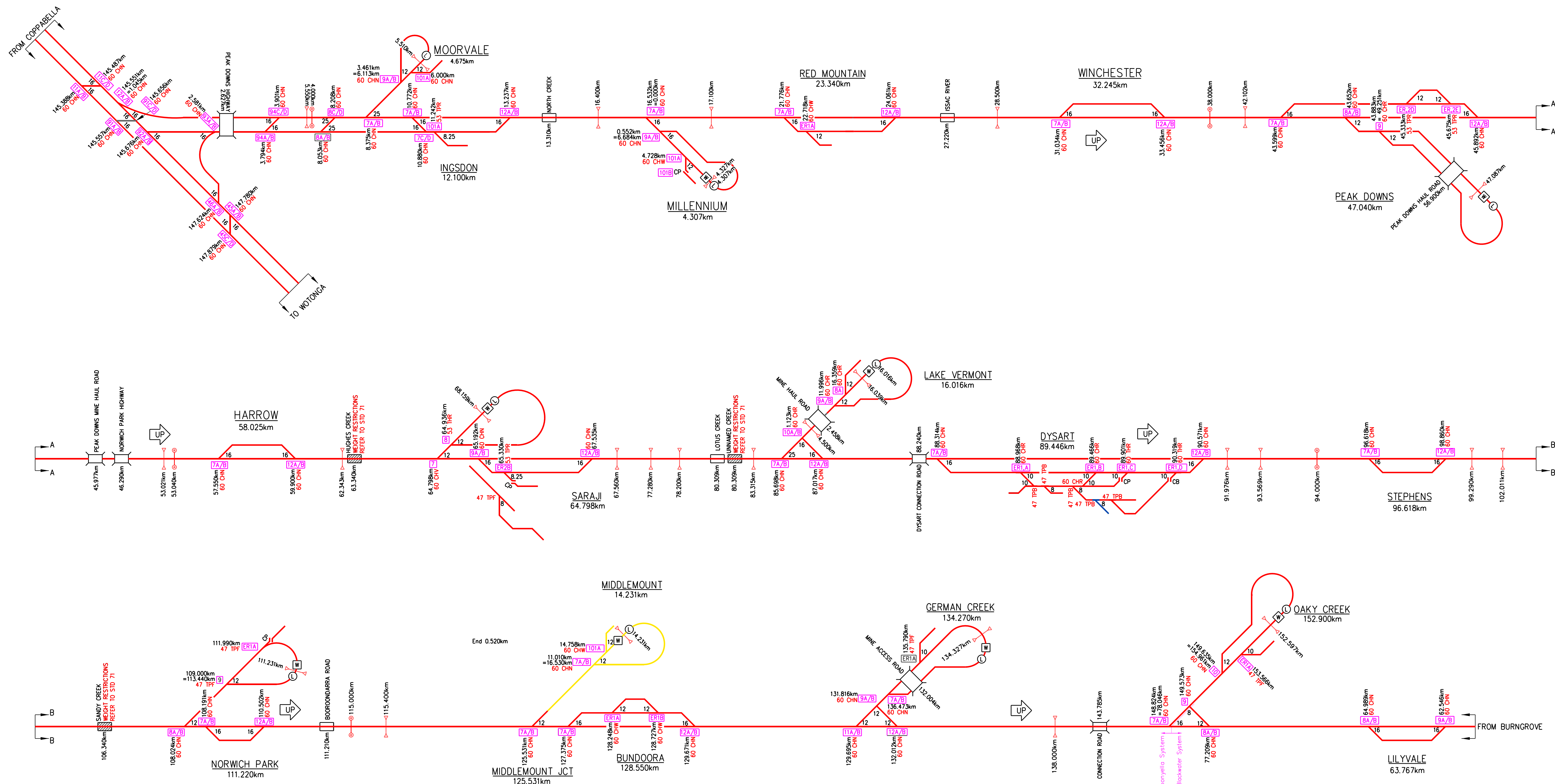


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NETWORK OWNERSHIP DIAGRAM
GOONYELLA SYSTEM
MINDI - WOTONGA
SCHEMATIC

FILE No. _____

DRAWING NUMBER	ISSUE
CNA-0014	1



Aurizon Network Pty Ltd shall own and provide access across turnouts and other connecting infrastructure to Third Party and Aurizon Operations owned assets. Colour of connecting assets reflects the party responsible for maintenance costs.

AURIZON NETWORK OWNED ASSET	Loadout	Diamond Crossing
OTHER AURIZON OWNED ASSET	Weighbridge	Catch Points
QUEENSLAND RAIL OWNED ASSET	Unloader	Open Level Crossing
AURIZON OPERATIONS OWNED ASSET	Dropping Equip Detector	Road Over Rail
THIRD PARTY OWNED ASSET	Road Under Rail	Hot Wheel/Abating Detector
REDUNDANT AURIZON NETWORK ASSET	Tunnel	Wheel Impact Load Detector
CONNECTING INFRASTRUCTURE	Dust Monitoring Station	Non Reversible

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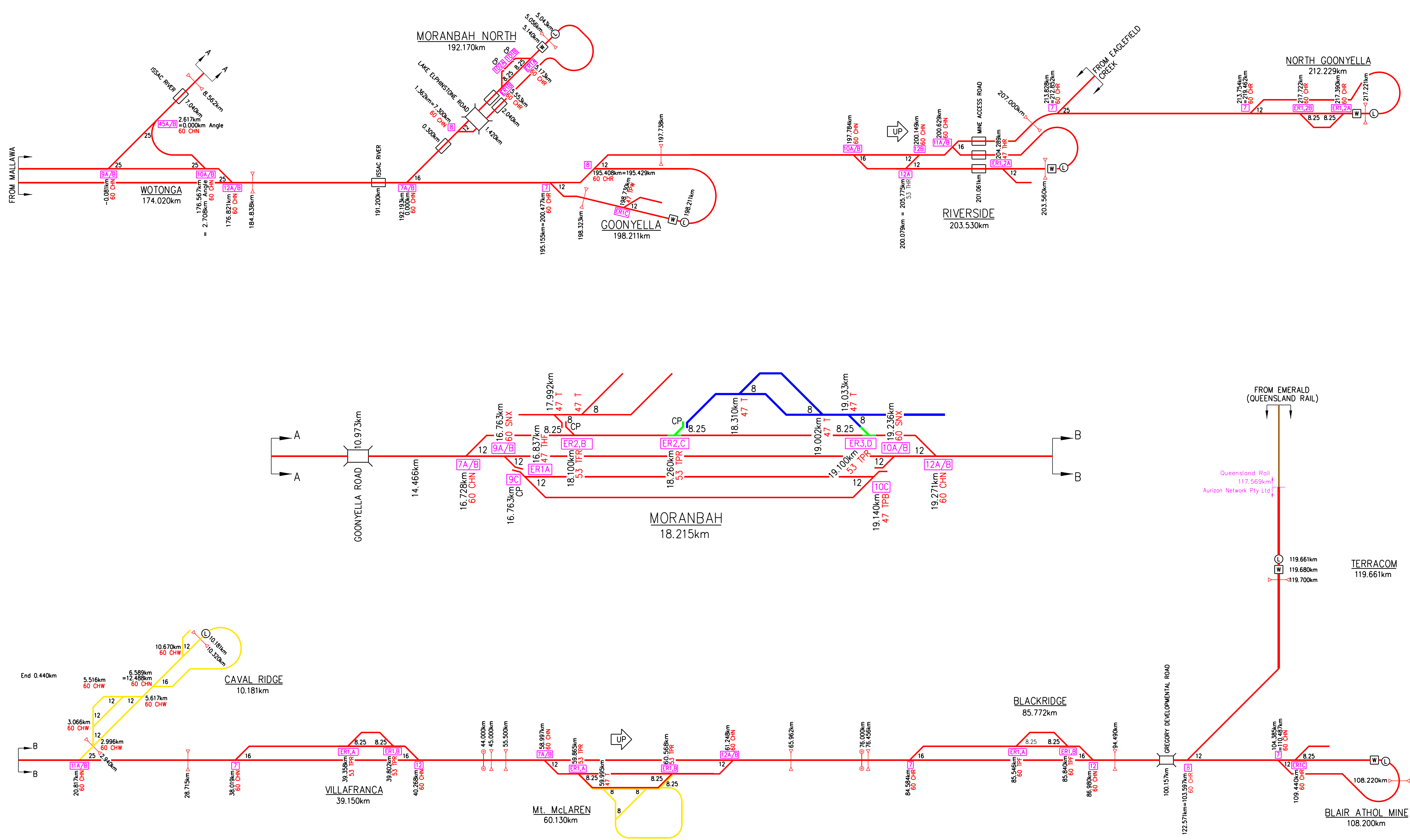
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NETWORK OWNERSHIP DIAGRAM

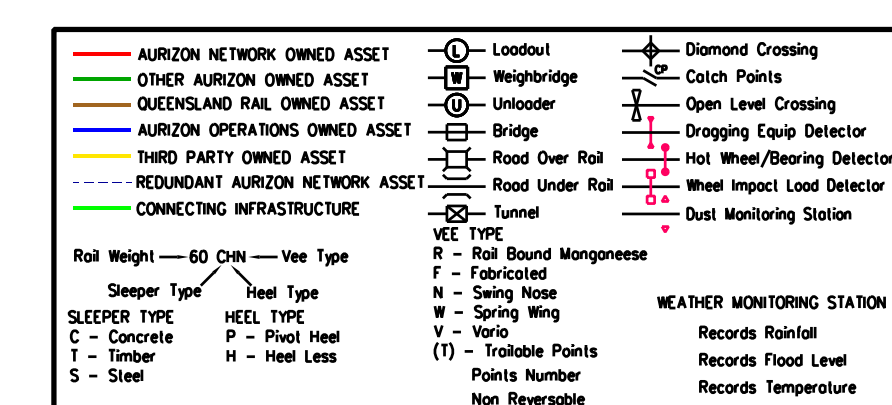
GOONYELLA SYSTEM

COPPABELLA - OAKY CREEK SCHEMATIC

FILE No.	DRAWING NUMBER	ISSUE
	CNA-0015	1



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Aurizon Network Pty Ltd - ACN 132 181 116

NETWORK OWNERSHIP DIAGRAM
GOONYELLA SYSTEM
 WOTONGA - MINES
 SCHEMATIC

FILE No.	DRAWING NUMBER	ISSUE
	CNA-0016	1