Railway Track and Signalling

KD
Adelaide Metropolitan Network

Section: Adelaide Metro (bg)

Go to page 2 for index

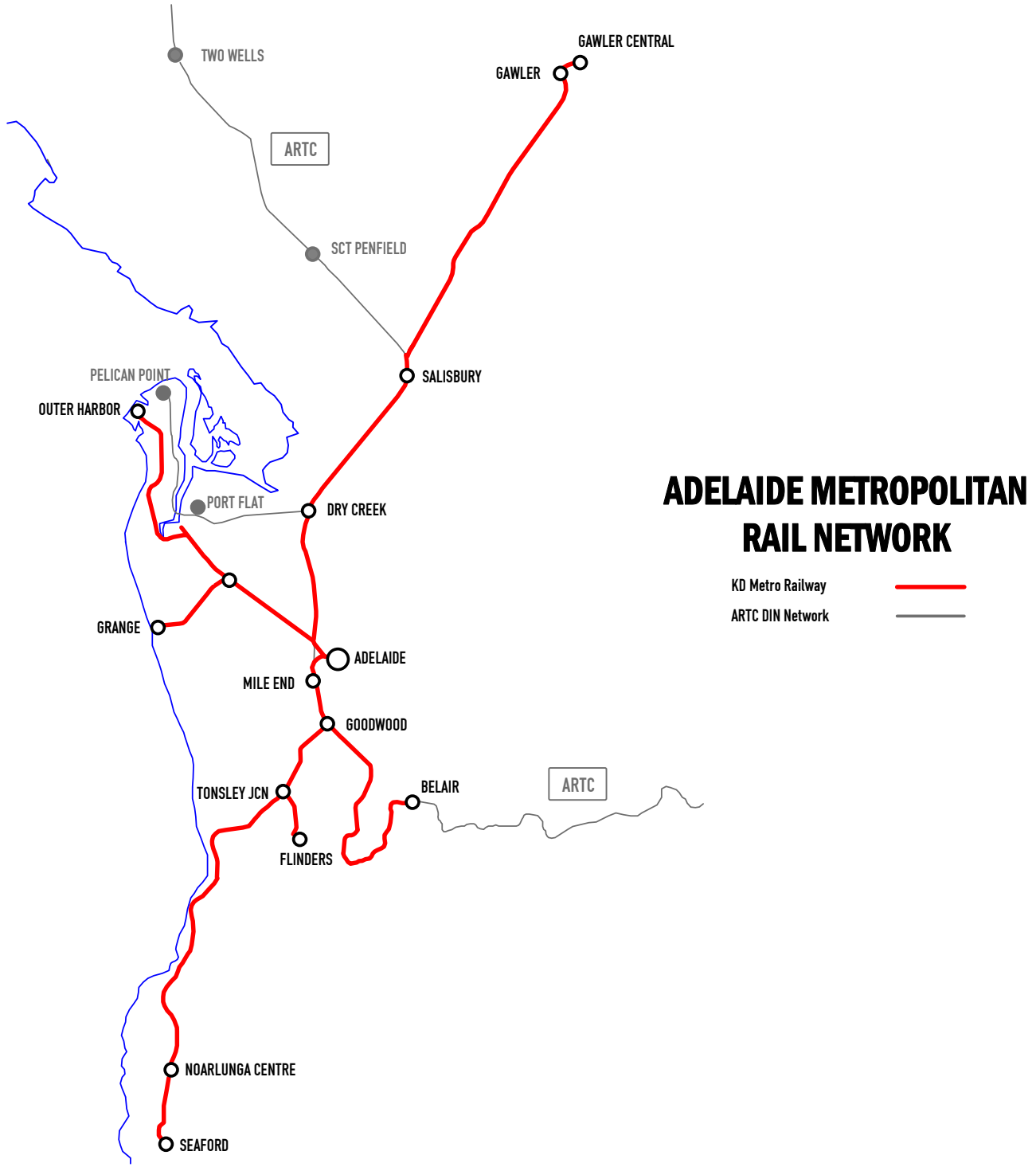
Last Revised
22 Sep 2026

Diagrams: Most

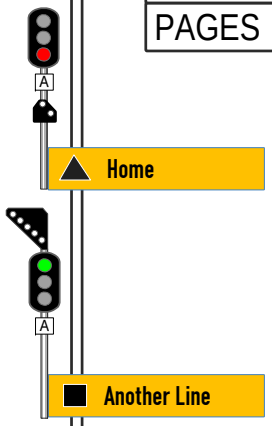
ADELAIDE METRO TRACK & SIGNAL INDEX

Page	Drawing	Section
1	Cover	*Adelaide Metro*
2		Index
3	Map	*Adelaide Metro*
4	Sect. A1	*Adelaide - Belair*
5	A2001	Adelaide
6	A2002	Mile End - Keswick
7	A2004	Asdelaide Showground - Millswood Loop
8	A2005	Millswood Station - Lynton
9	A2006	Sleeps Hill Loop - Blackwood
10	A2007	Glenalta - Belair
11	Sect. A2	*Clarence Park - Seaford / Flinders*
12	A2011	Clarence Park - Woodlands Park
13	A2012	Tonsley Junction - Marion
14	A2013	Oaklands - Brighton
15	A2014	Seacliff - Hallet Cove Beach
16	A2015	Port Stanvac - Noarlunga Centre
17	A2016	Seaford Meadows - Seaford
18	A2019	Flinders Branch
19	Sect. A3	*Adelaide Wye - Outer Harbor*
20	A2021	Torrens Junction - Bowden
21	A2022	Croydon - Woodville
22	A2023	Alberton - Ethelton
23	A2024	Glanville - Largs North
24	A2025	Draper - Outer Harbor

Page	Drawing	Section
	Sect. A3	*Outer Harbor Line Branches*
25	A2028	Port Dock Branch
26	A2029	Grange Branch
27	Sect. A5	*Gawler Line*
28	A2031	North Adelaide - Kilburn
29	A2032	Dry Creek Triangle
30	A2033	Dry Creek RCD (PTS)
31	A2034	Mason Interchange - Chidda
32	A2035	Salisbury - Elizabth South
33	A2036	Elizabeth - Tambelin
34	A2037	Evanston - Gawler
35	A2038	Gawler Oval - Gawler Central


TWO WELLS
GAWLER CENTRAL
GAWLER
ARTC
SCT PENFIELD
SALISBURY
PELICAN POINT
OUTER HARBOR
PORT FLAT
DRY CREEK
GRANGE
ADELAIDE
MILE END
GOODWOOD
TONSLEY JCN
BELAIR
ARTC
FLINDERS
NOARLUNGA CENTRE
SEAFORD
ADELAIDE METROPOLITAN
RAIL NETWORK
KD Metro Railway
ARTC DIN Network

LINE	South Main Line
SECTION	Adelaide - Belair
PAGES	2001 - 2006



Adelaide

Outer Harbor & Gawler Lines

Port Augusta s.g. Line

ADELAIDE (North Terrace)

Mile End

Mile End Loop / Adelaide Parklands Terminal

Adelaide Showground

GOODWOOD

Millswood Loop

Seaford Line

Unley Park

Click stations to select

Mitcham

Torrens Park

Lynton

Pinera

BELAIR

ARTC Wolesley Line

Sleeps Hills Loop

Glenalta

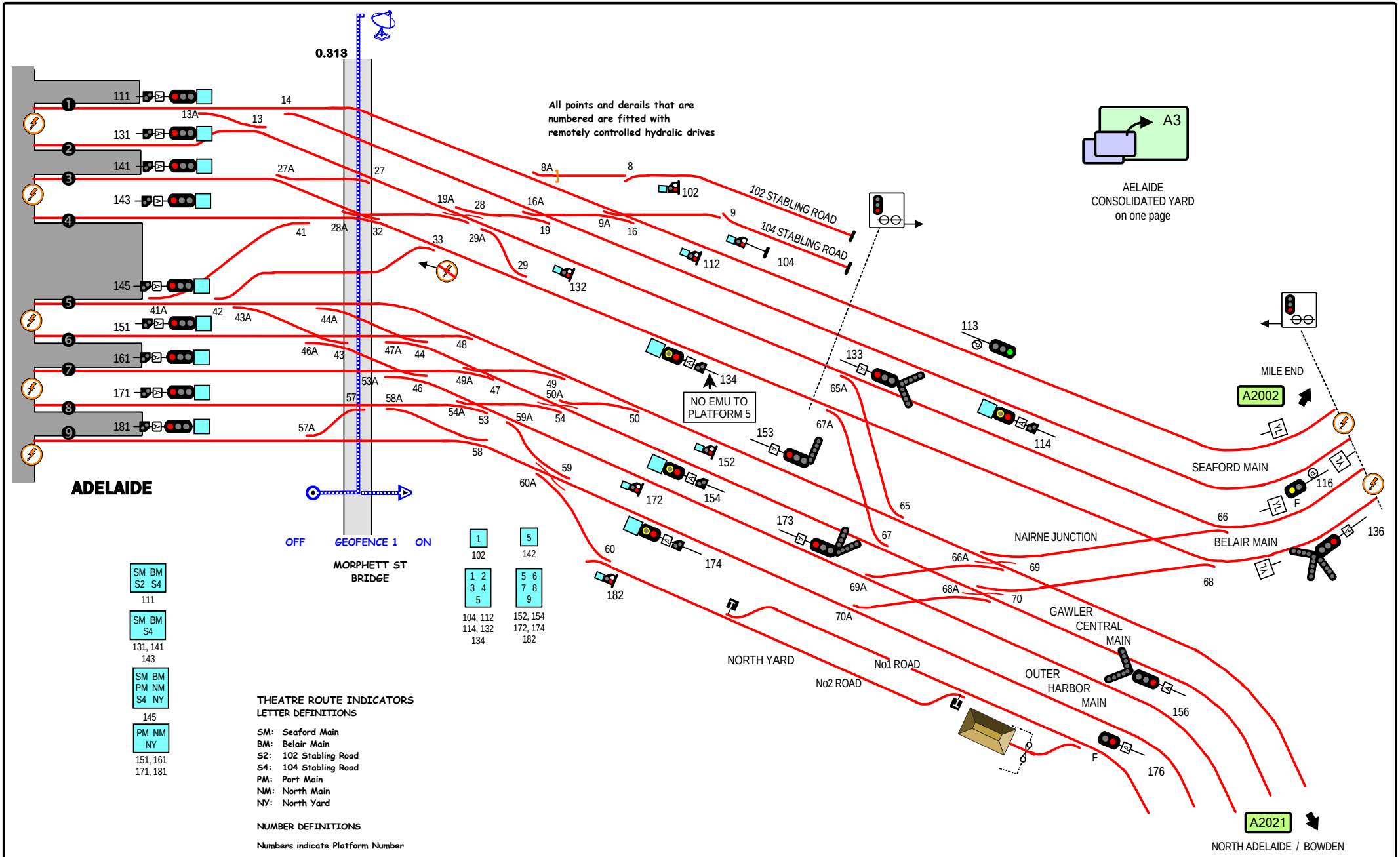
Eden Hills

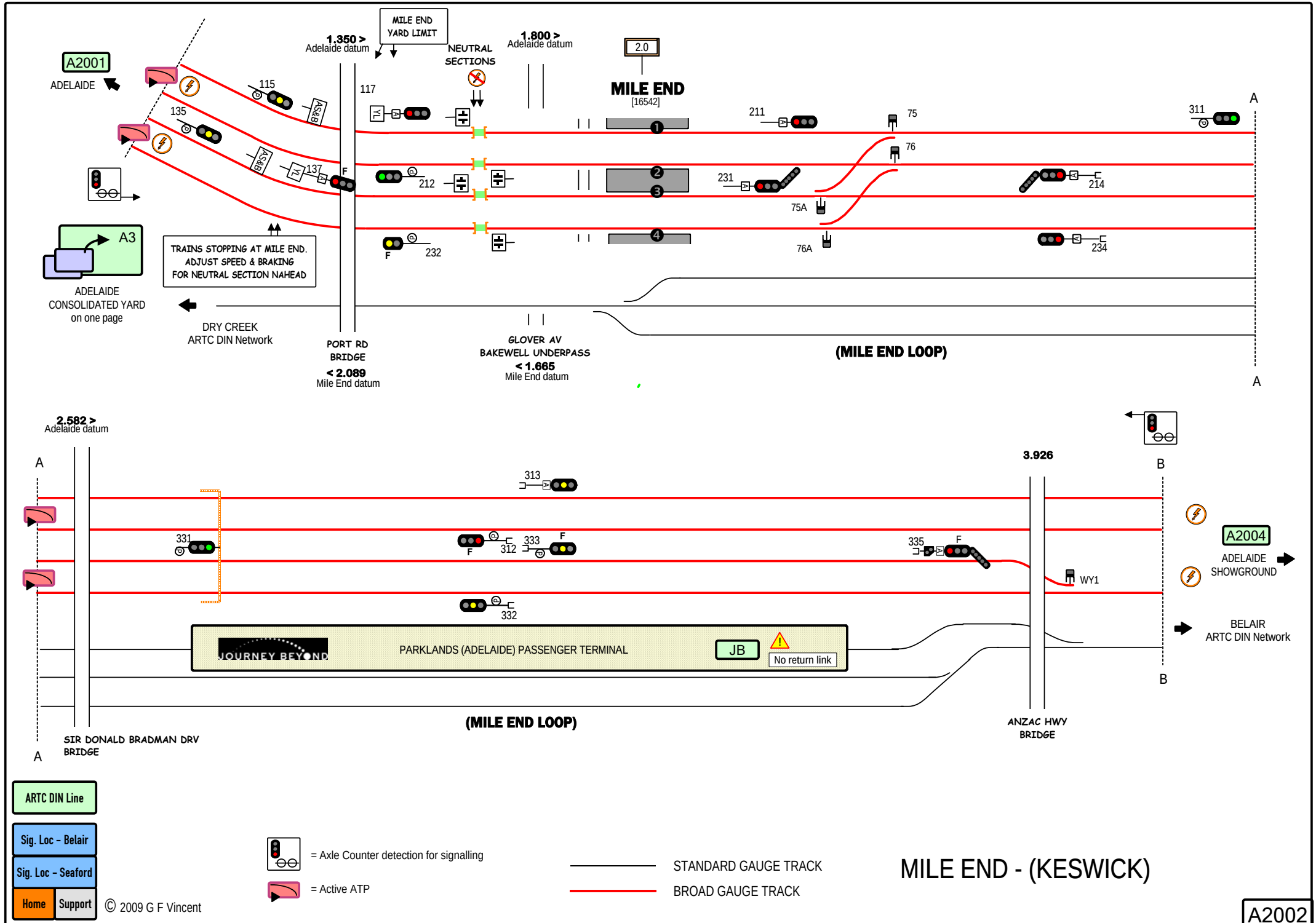
Blackwood

Eden Hills Loop

Coromandel

Section A1

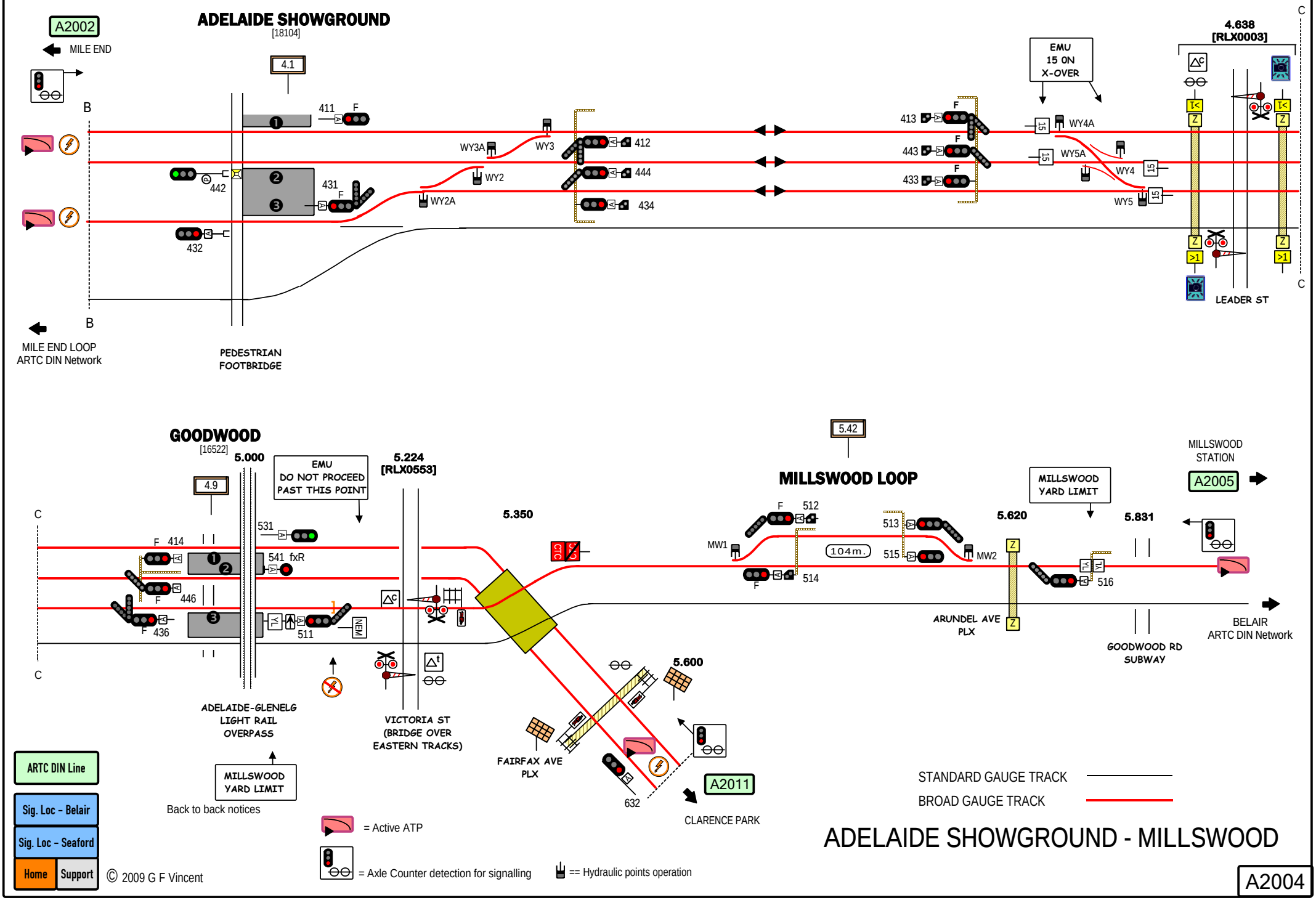

0.313
All points and derails that are numbered are fitted with remotely controlled hydralic drives
A3
AELAIDE CONSOLIDATED YARD on one page
ADELAIDE
102 STABLING ROAD
104 STABLING ROAD
NO EMU TO PLATFORM 5
MILE END
A2002
SEAFORD MAIN
BELAIR MAIN
NAIRNE JUNCTION
GAWLER CENTRAL MAIN
OUTER HARBOR MAIN
NORTH YARD
No1 ROAD
No2 ROAD
A2021
NORTH ADELAIDE / BOWDEN
OFF
GEOFENCE 1
ON
MORPHETT ST BRIDGE
SM BM S2 S4
111
SM BM S4
131, 141
143
SM BM PM NM S4 NY
145
PM NM NY
151, 161
171, 181
1
102
1 2 3 4 5
104, 112 114, 132 134
5
142
5 6 7 8 9
152, 154 172, 174 182
THEATRE ROUTE INDICATORS
LETTER DEFINITIONS
SM: Seaford Main
BM: Belair Main
S2: 102 Stabling Road
S4: 104 Stabling Road
PM: Port Main
NM: North Main
NY: North Yard
NUMBER DEFINITIONS
Numbers indicate Platform Number
GEOFENCE 2 (ON)
= Axle Counter detection for signalling
BROAD GAUGE TRACK
ADELAIDE - ADELAIDE WYE
A2001

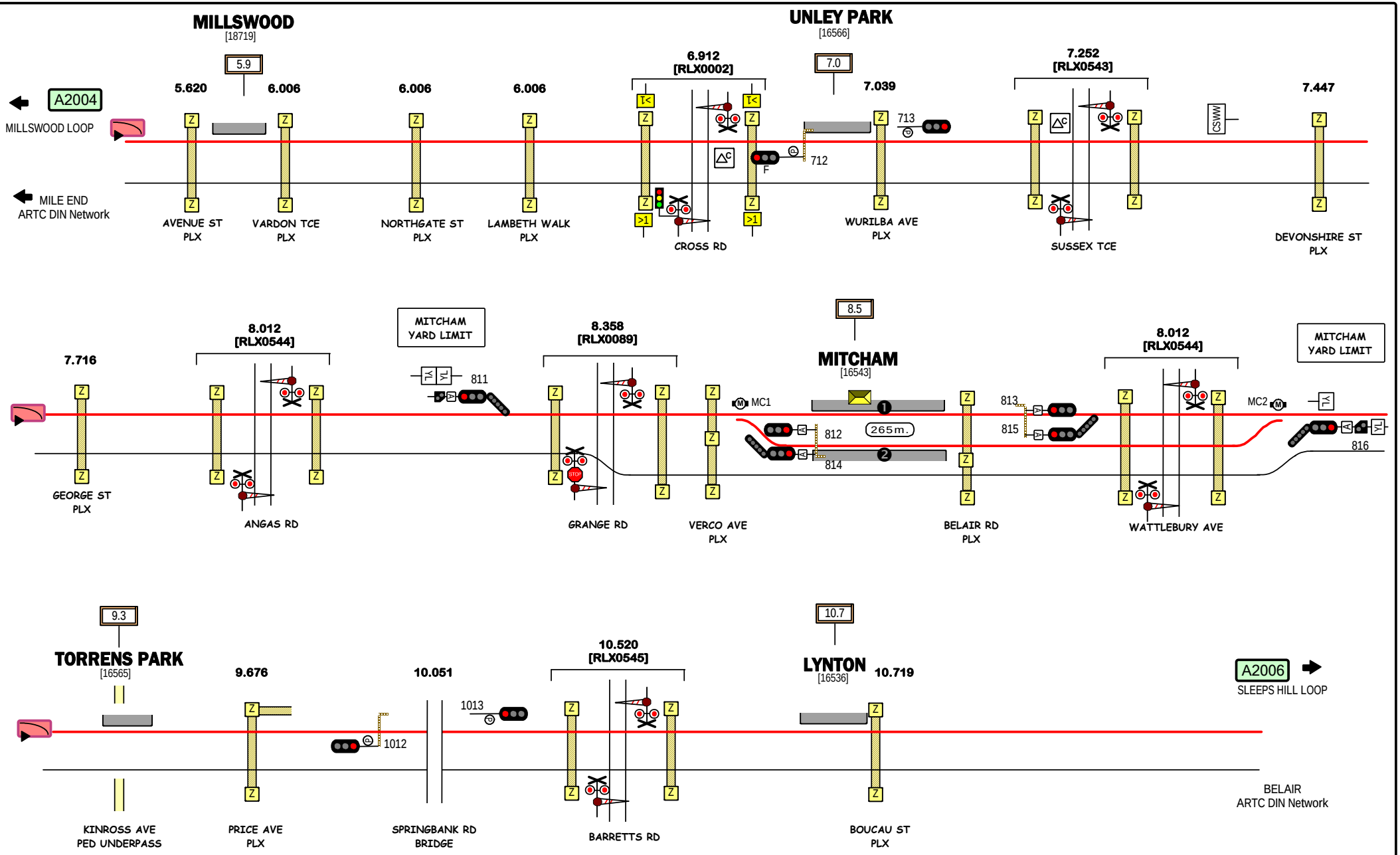


© 2009 G F Vincent

MILE END - (KESWICK)

A2002


A2002
MILE END
ADELAIDE SHOWGROUND
[18104]
4.1
411
F
442
431
F
432
WY3A
WY3
WY2
WY2A
412
444
434
413
443
433
EMU
15 ON
X-OVER
WY4A
WY5A
WY4
WY5
4.638
[RLX0003]
LEADER ST
MILE END LOOP
ARTC DIN Network
PEDESTRIAN
FOOTBRIDGE
GOODWOOD
[16522]
5.000
4.9
EMU
DO NOT PROCEED
PAST THIS POINT
5.224
[RLX0553]
531
F 414
541 fxR
F 446
F 436
511
NEM
5.350
ADELAIDE-GLENELG
LIGHT RAIL
OVERPASS
VICTORIA ST
(BRIDGE OVER
EASTERN TRACKS)
MILLSWOOD
YARD LIMIT
Back to back notices
5.600
FAIRFAX AVE
PLX
632
A2011
CLARENCE PARK
5.42
MILLSWOOD LOOP
F 512
MW1
513
515
MW2
514
104m.
5.620
MILLSWOOD
YARD LIMIT
5.831
516
ARUNDEL AVE
PLX
GOODWOOD RD
SUBWAY
MILLSWOOD
STATION
A2005
BELAIR
ARTC DIN Network
ARTC DIN Line
Sig. Loc – Belair
Sig. Loc – Seaford
Home
Support
© 2009 G F Vincent
= Active ATP
= Axle Counter detection for signalling
== Hydraulic points operation
STANDARD GAUGE TRACK
BROAD GAUGE TRACK
ADELAIDE SHOWGROUND - MILLSWOOD
A2004



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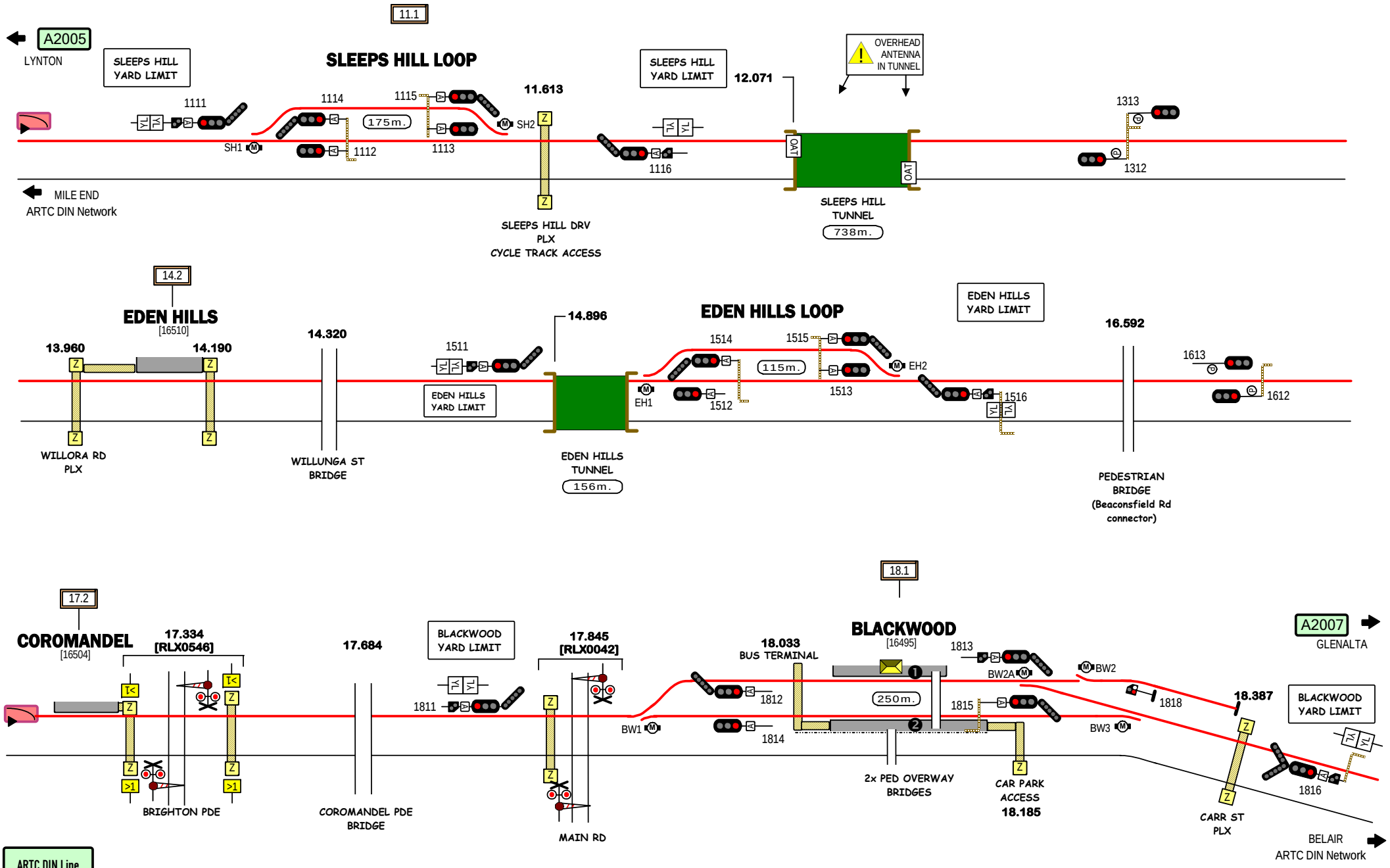
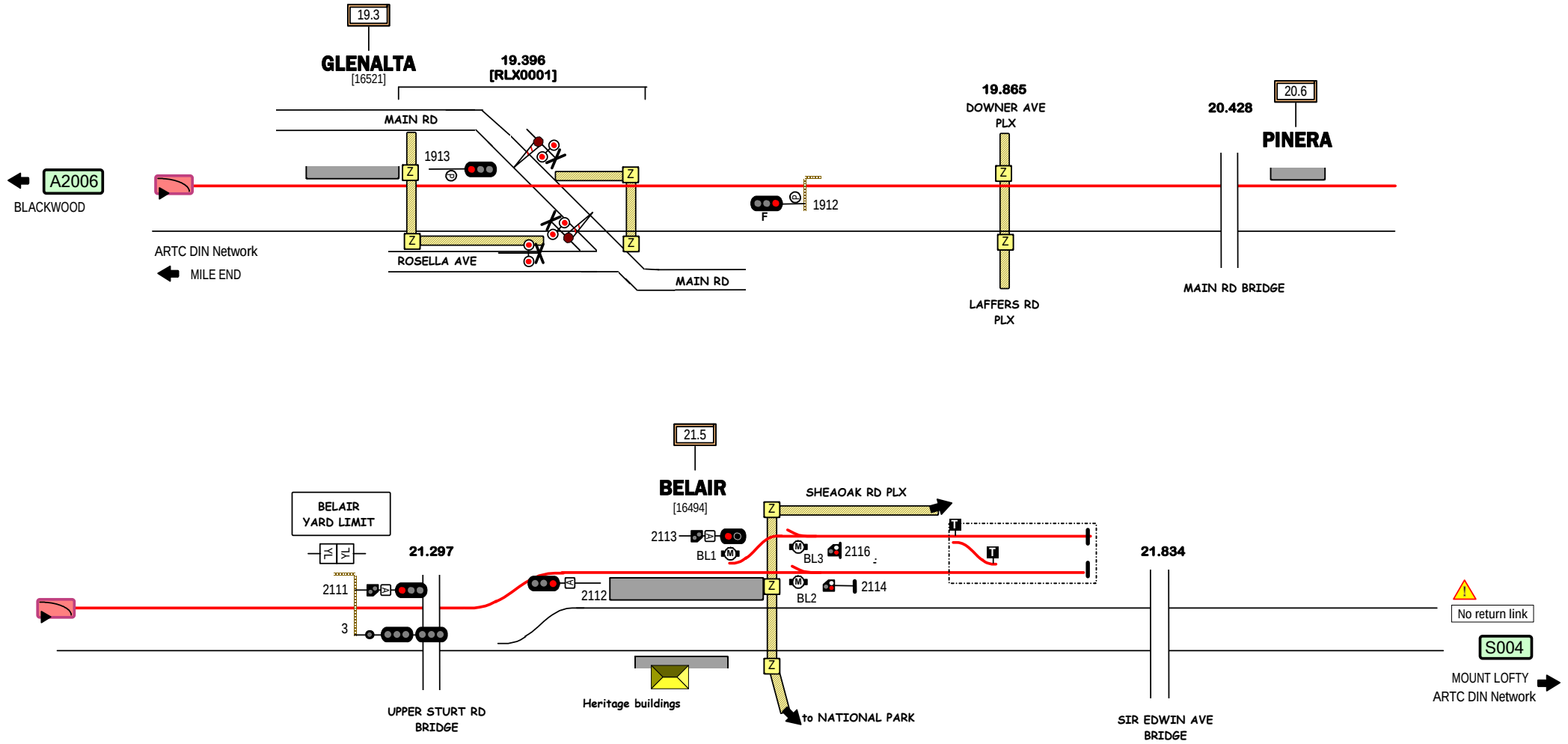
MILLSWOOD - LYNTON

A2005


11.1
A2005
LYNTON
SLEEPS HILL YARD LIMIT
SLEEPS HILL LOOP
SLEEPS HILL YARD LIMIT
12.071
OVERHEAD ANTENNA IN TUNNEL
11.613
1111
1114
1115
175m.
SH1
SH2
1112
1113
1116
1313
1312
OAT
OAT
MILE END
ARTC DIN Network
SLEEPS HILL DRV PLX
CYCLE TRACK ACCESS
SLEEPS HILL TUNNEL
738m.
14.2
EDEN HILLS
[16510]
13.960
14.190
14.320
14.896
EDEN HILLS LOOP
EDEN HILLS YARD LIMIT
16.592
1511
1514
1515
115m.
EH1
EH2
1512
1513
1516
1613
1612
EDEN HILLS YARD LIMIT
WILLORA RD PLX
WILLUNGA ST BRIDGE
EDEN HILLS TUNNEL
156m.
PEDESTRIAN BRIDGE (Beaconsfield Rd connector)
18.1
17.2
COROMANDEL
[16504]
17.334
[RLX0546]
17.684
BLACKWOOD YARD LIMIT
17.845
[RLX0042]
BLACKWOOD
[16495]
18.033
BUS TERMINAL
1813
BW2A
BW2
A2007
GLENALTA
1811
1812
1814
BW1
250m.
1815
BW3
1818
18.387
BLACKWOOD YARD LIMIT
1816
BRIGHTON PDE
COROMANDEL PDE BRIDGE
MAIN RD
2x PED OVERWAY BRIDGES
CAR PARK ACCESS
18.185
CARR ST PLX
BELAIR
ARTC DIN Network
ARTC DIN Line
Signal Locations
Home
Support
© 2009 G F Vincent
This line equipped for ATP
STANDARD GAUGE TRACK
BROAD GAUGE TRACK
SLEEPS HILL LOOP - BLACKWOOD
A2006



ARTC DIN Line

Signal Locations

Home | Support

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This line equipped for ATP

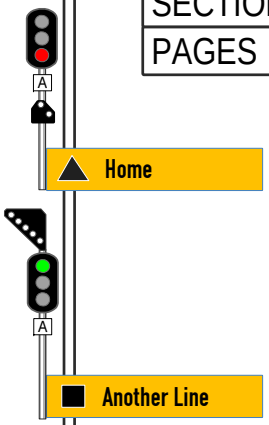
STANDARD GAUGE TRACK

BROAD GAUGE TRACK

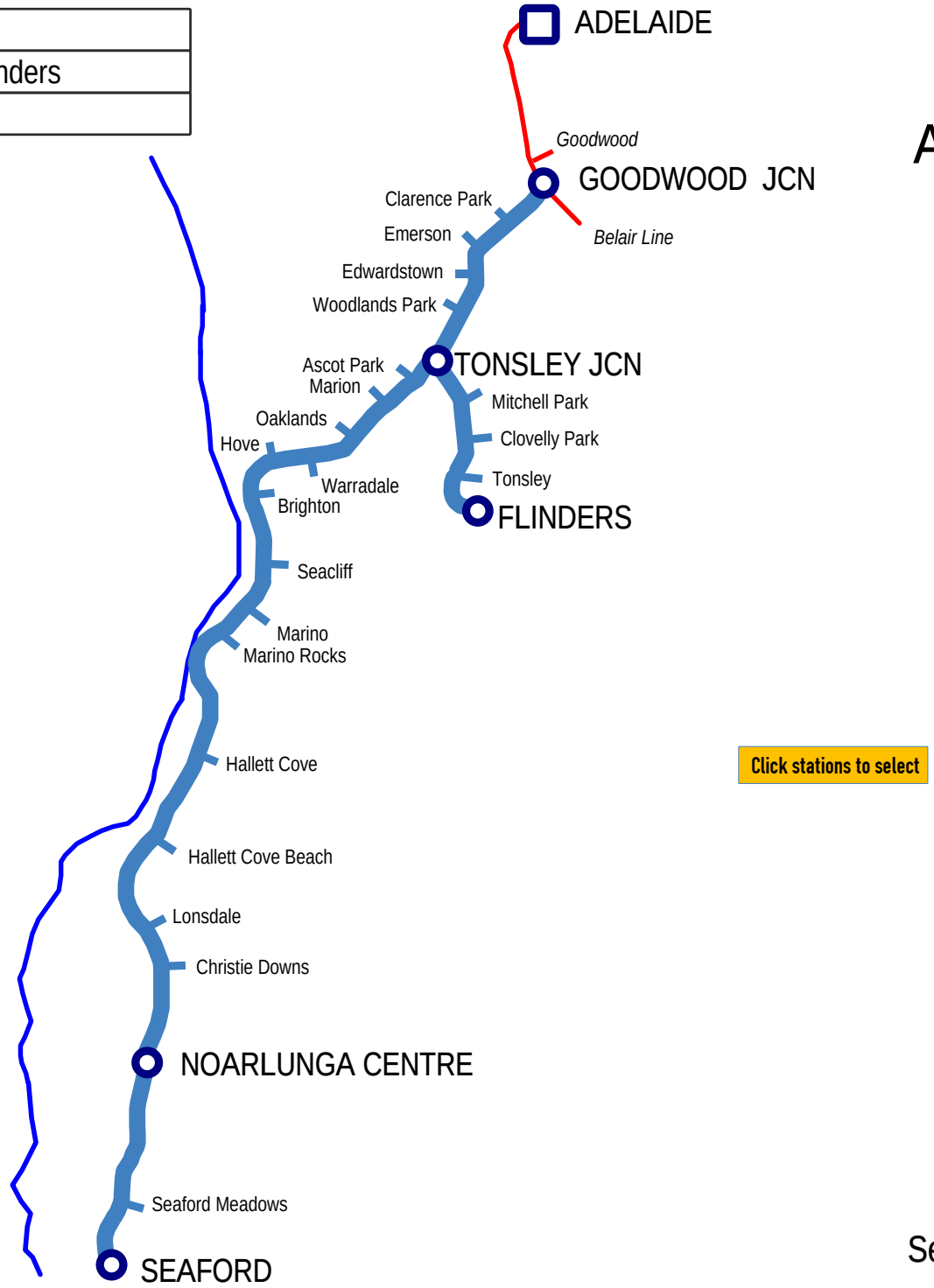
GLENALTA - BELAIR

A2007

LINE	Seaford Line
SECTION	Goodwood Jcn - Seaford/Flinders
PAGES	2011 - 2016, 2019

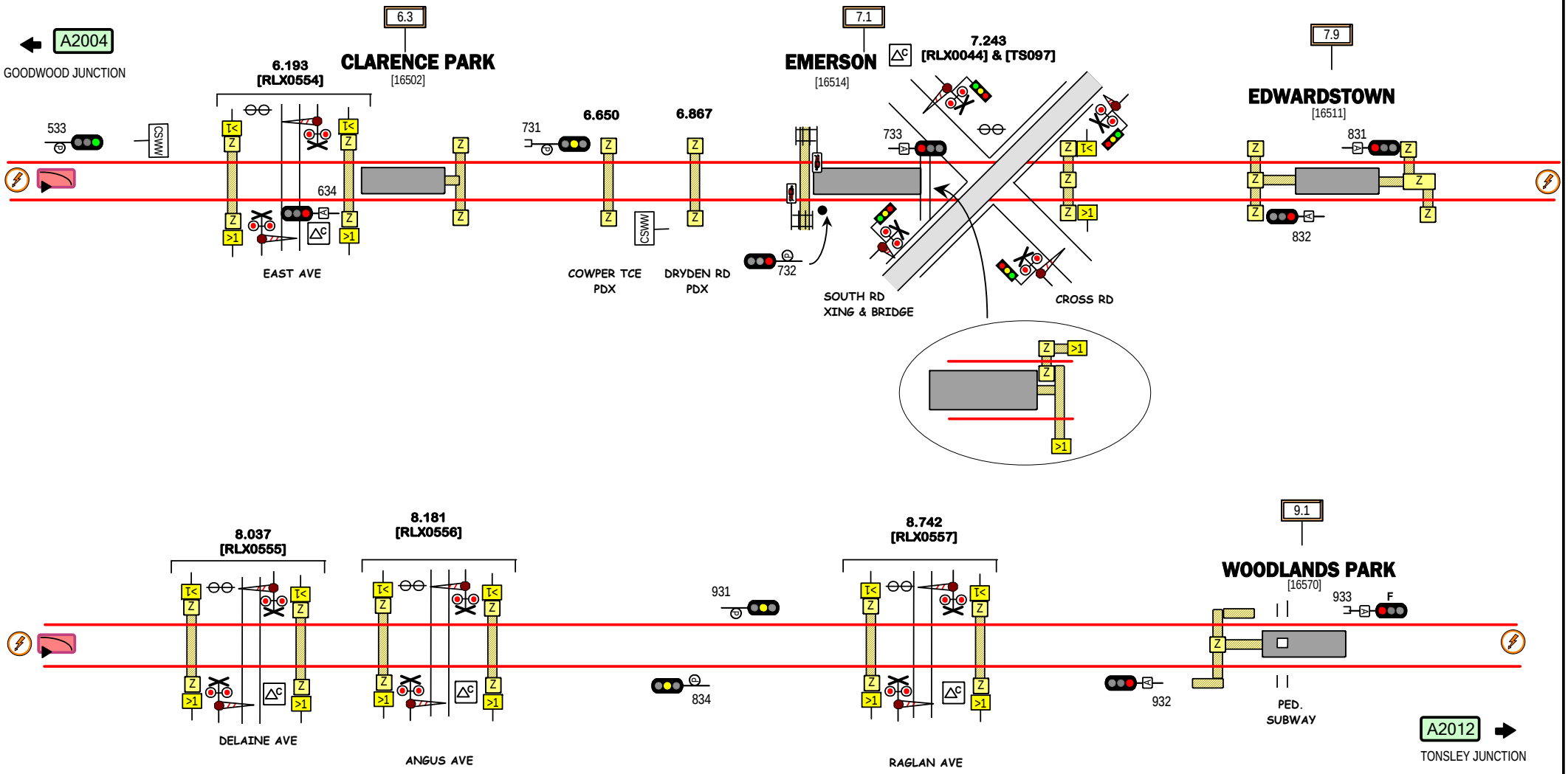


Adelaide



Click stations to select

Section A2



= Active ATP

Axle Counter detection for signalling on this line.

BROAD GAUGE TRACK

CLARENCE PARK - WOODLANDS PARK

Signal Locations

Home | Support

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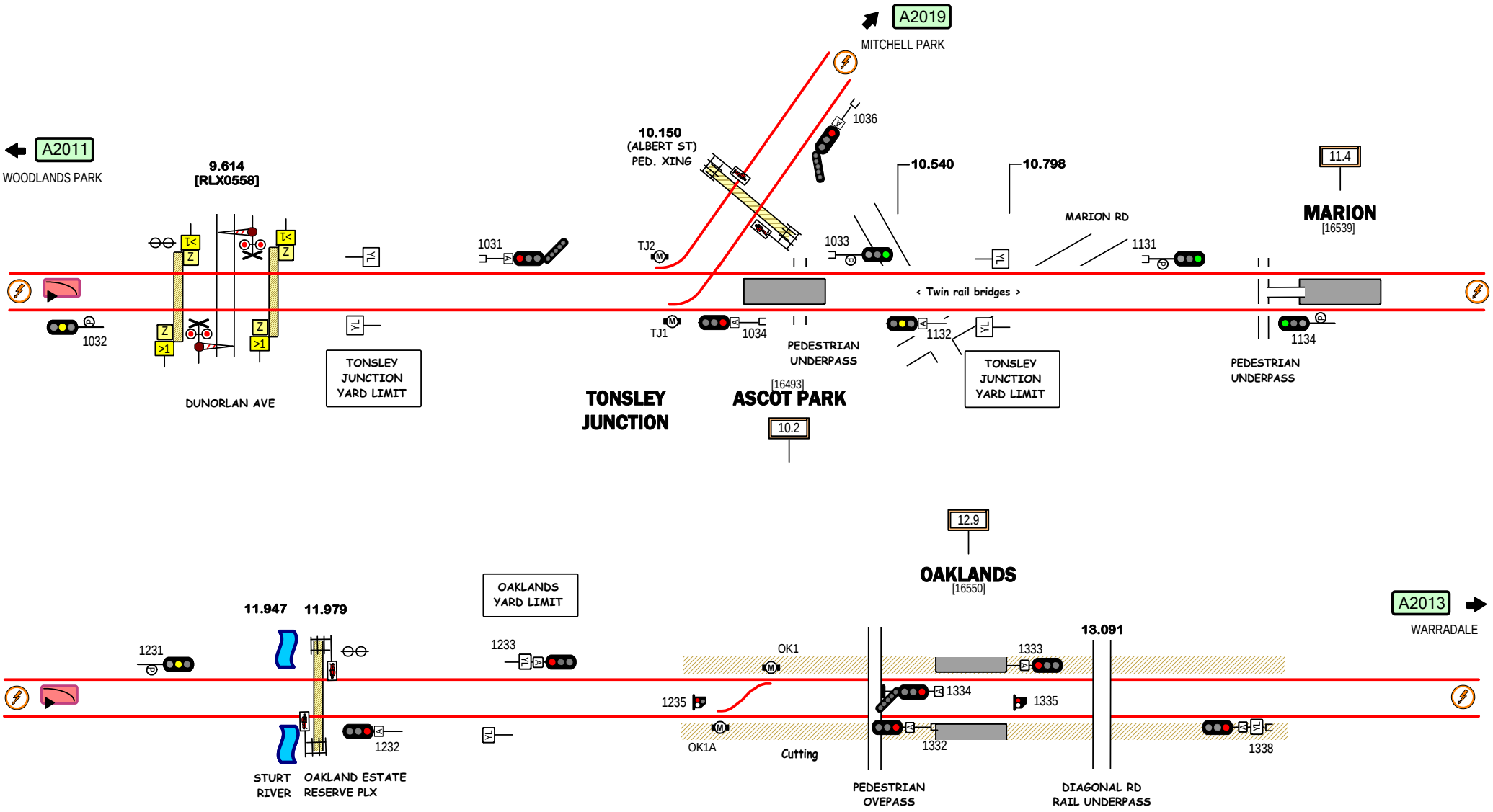
A2011



= Active ATP

Axle Counter detection for signalling on this line.

BROAD GAUGE TRACK

TONSLEY JUNCTION - OAKLANDS

Signal Locations

Home | Support

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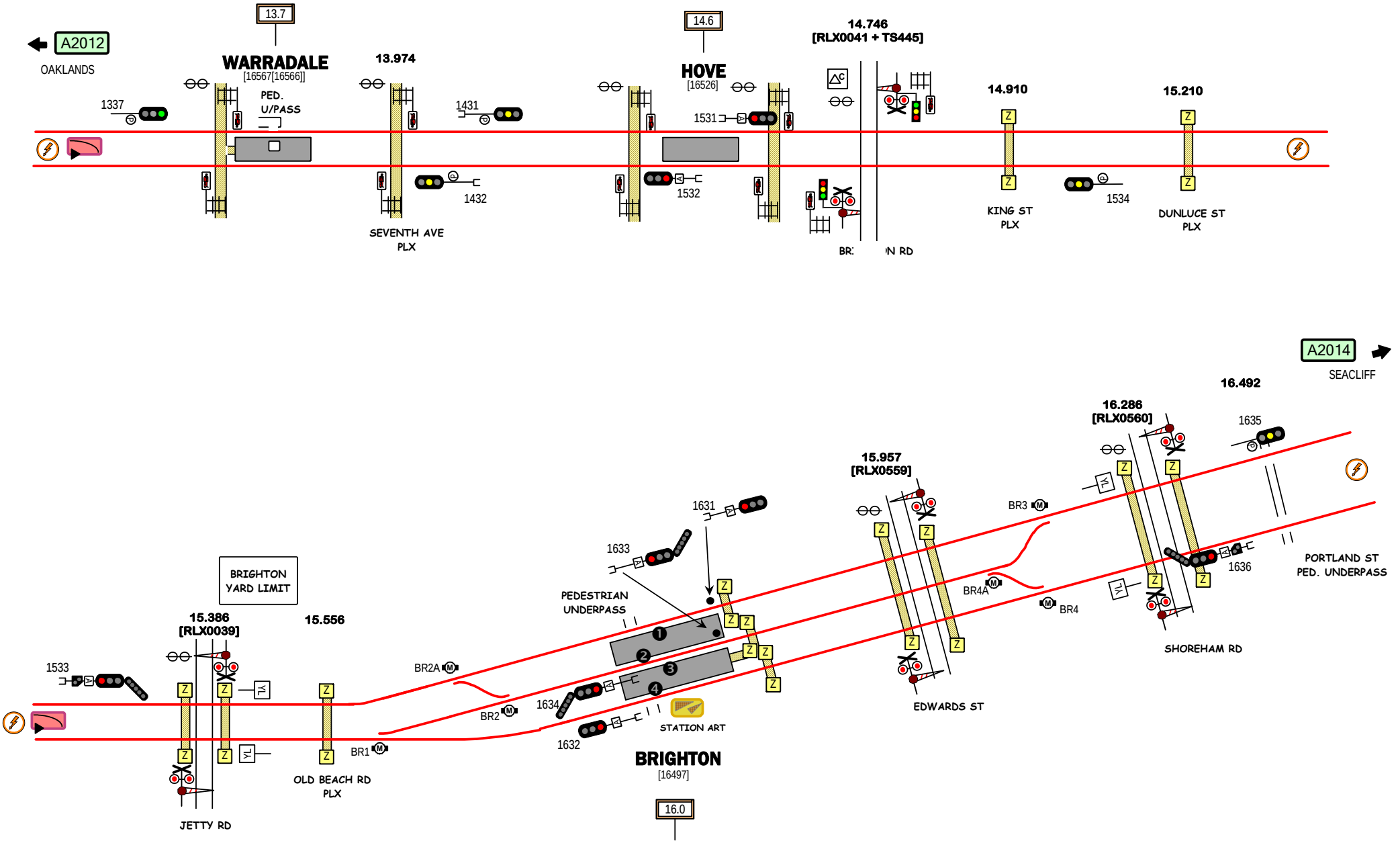
A2012



= Active ATP

Axle Counter detection for signalling on this line.

BROAD GAUGE TRACK

WARRADALE - BRIGHTON

Signal Locations

Home | Support

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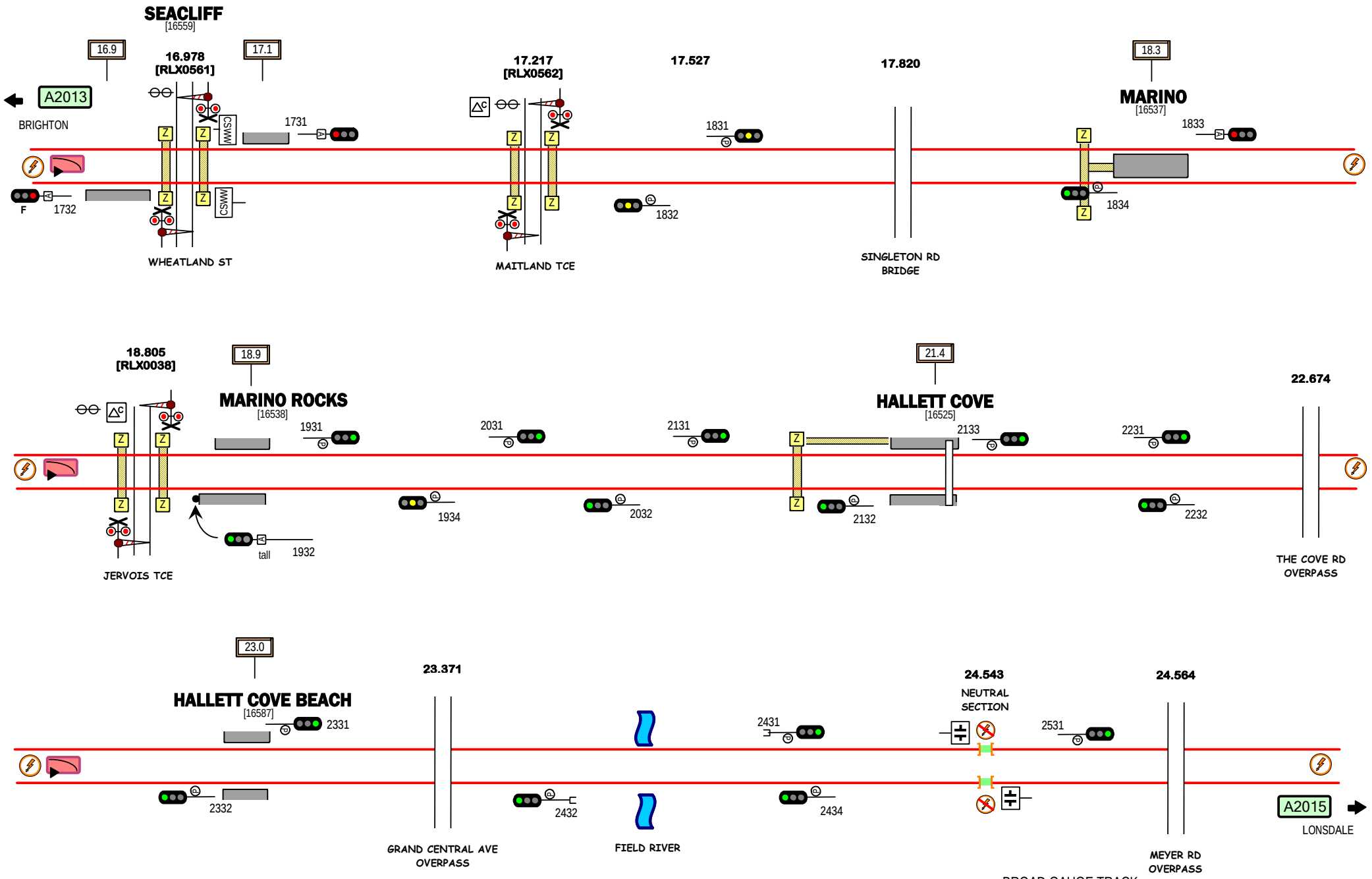
A2013


SEACLIFF
[16559]
16.9
16.978
[RLX0561]
17.1
A2013
BRIGHTON
1731
CSWM
F
1732
WHEATLAND ST
17.217
[RLX0562]
17.527
17.820
1831
1832
MAITLAND TCE
SINGLETON RD
BRIDGE
18.3
MARINO
[16537]
1833
1834
18.805
[RLX0038]
18.9
MARINO ROCKS
[16538]
1931
1934
2031
2032
2131
21.4
HALLETT COVE
[16525]
2133
2132
2231
2232
22.674
THE COVE RD
OVERPASS
JERVOIS TCE
tall
1932
23.0
HALLETT COVE BEACH
[16587]
2331
2332
23.371
GRAND CENTRAL AVE
OVERPASS
2432
FIELD RIVER
2431
2434
24.543
NEUTRAL
SECTION
2531
24.564
MEYER RD
OVERPASS
A2015
LONSDALE
= Active ATP
Axle Counter detection for signalling on this line.
BROAD GAUGE TRACK
SEACLIFF - (LONSDALE)
Signal Locations
Home
Support
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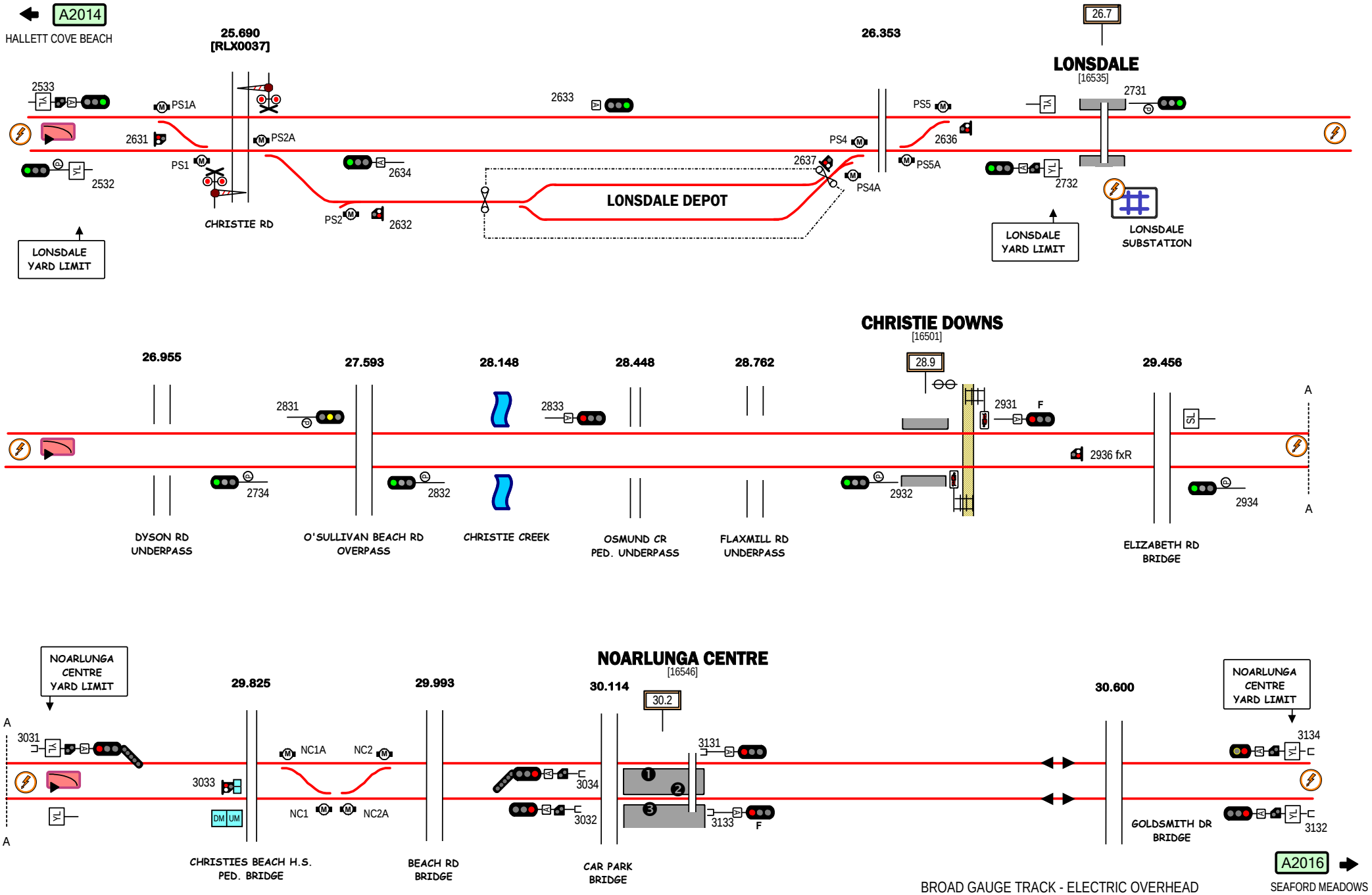
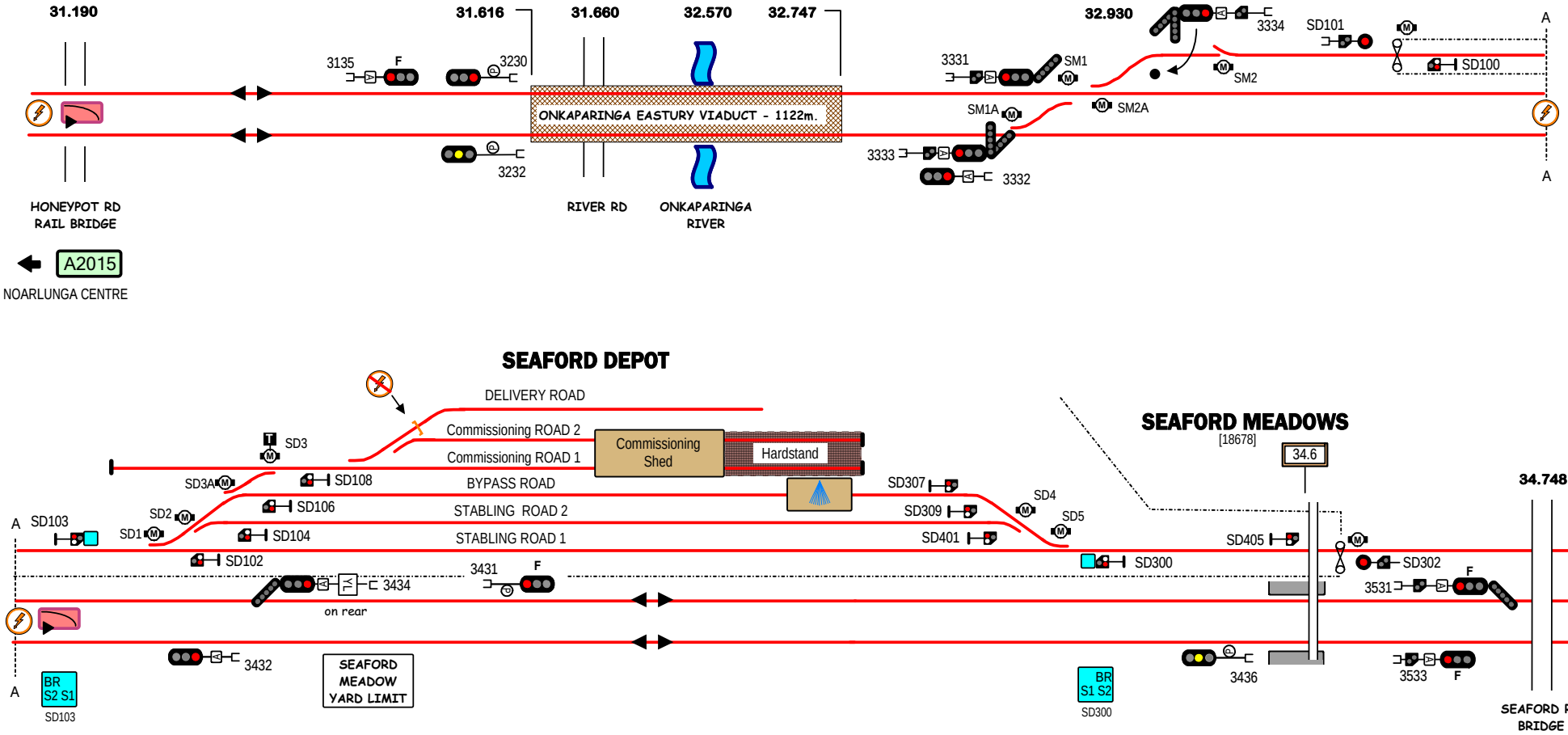
A2014


A2014
HALLETT COVE BEACH
25.690
[RLX0037]
26.353
26.7
LONSDALE
[16535]
2533
PS1A
2631
PS2A
2633
PS5
2731
PS4
2636
PS1
2634
2637
PS5A
2532
LONSDALE DEPOT
PS4A
2732
CHRISTIE RD
PS2
2632
LONSDALE YARD LIMIT
LONSDALE YARD LIMIT
LONSDALE SUBSTATION
CHRISTIE DOWNS
[16501]
26.955
27.593
28.148
28.448
28.762
28.9
29.456
2831
2833
2931
F
A
SL
2936 fxR
2734
2832
2932
2934
A
DYSON RD UNDERPASS
O'SULLIVAN BEACH RD OVERPASS
CHRISTIE CREEK
OSMUND CR PED. UNDERPASS
FLAXMILL RD UNDERPASS
ELIZABETH RD BRIDGE
NOARLUNGA CENTRE YARD LIMIT
NOARLUNGA CENTRE
[16546]
29.825
29.993
30.114
30.2
30.600
NOARLUNGA CENTRE YARD LIMIT
A
3031
3131
3134
NC1A
NC2
3033
3034
DM
UM
NC1
NC2A
3032
3133
F
3132
A
CHRISTIES BEACH H.S. PED. BRIDGE
BEACH RD BRIDGE
CAR PARK BRIDGE
GOLDSMITH DR BRIDGE
A2016
SEAFORD MEADOWS
BROAD GAUGE TRACK - ELECTRIC OVERHEAD
= Active ATP
Axle Counter detection for signalling on this line.
LONSDALE - NOARLUNGA CENTRE
Signal Locations
Home
Support
© 2009 G F Vincent
A2015



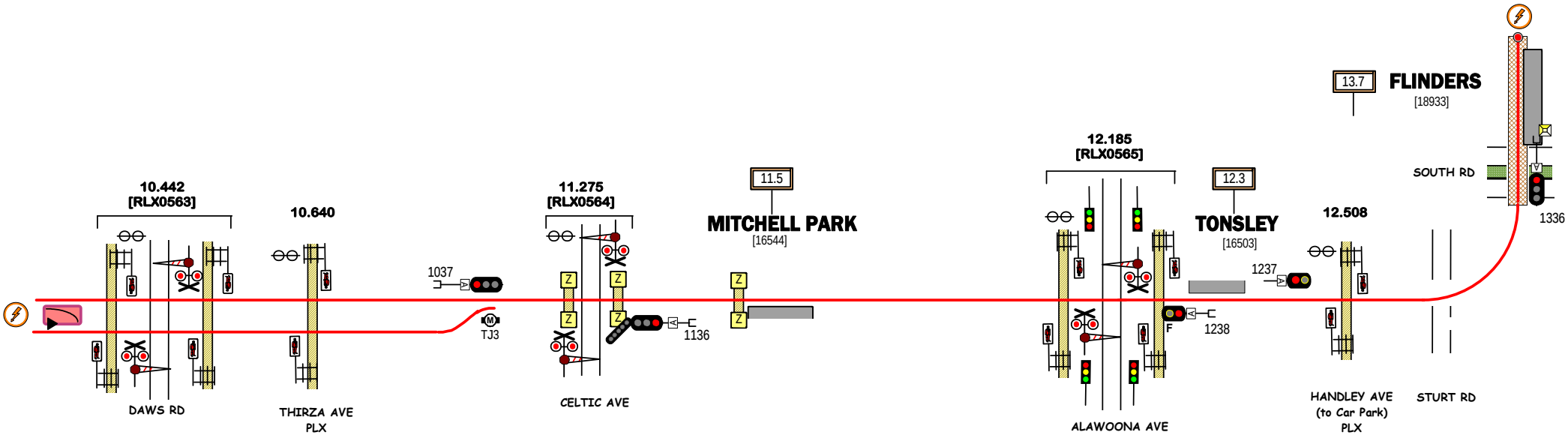
NOARLUNGA CENTRE - SEAFORD INTERCHANGE

A2016

Signal Locations

Home | Support

© 2011 G F Vincent



= Active ATP

Axle Counter detection for signalling on this line.

BROAD GAUGE TRACK

TONSLEY BRANCH

Signal Locations

Home | Support

© 2014 G F Vincent

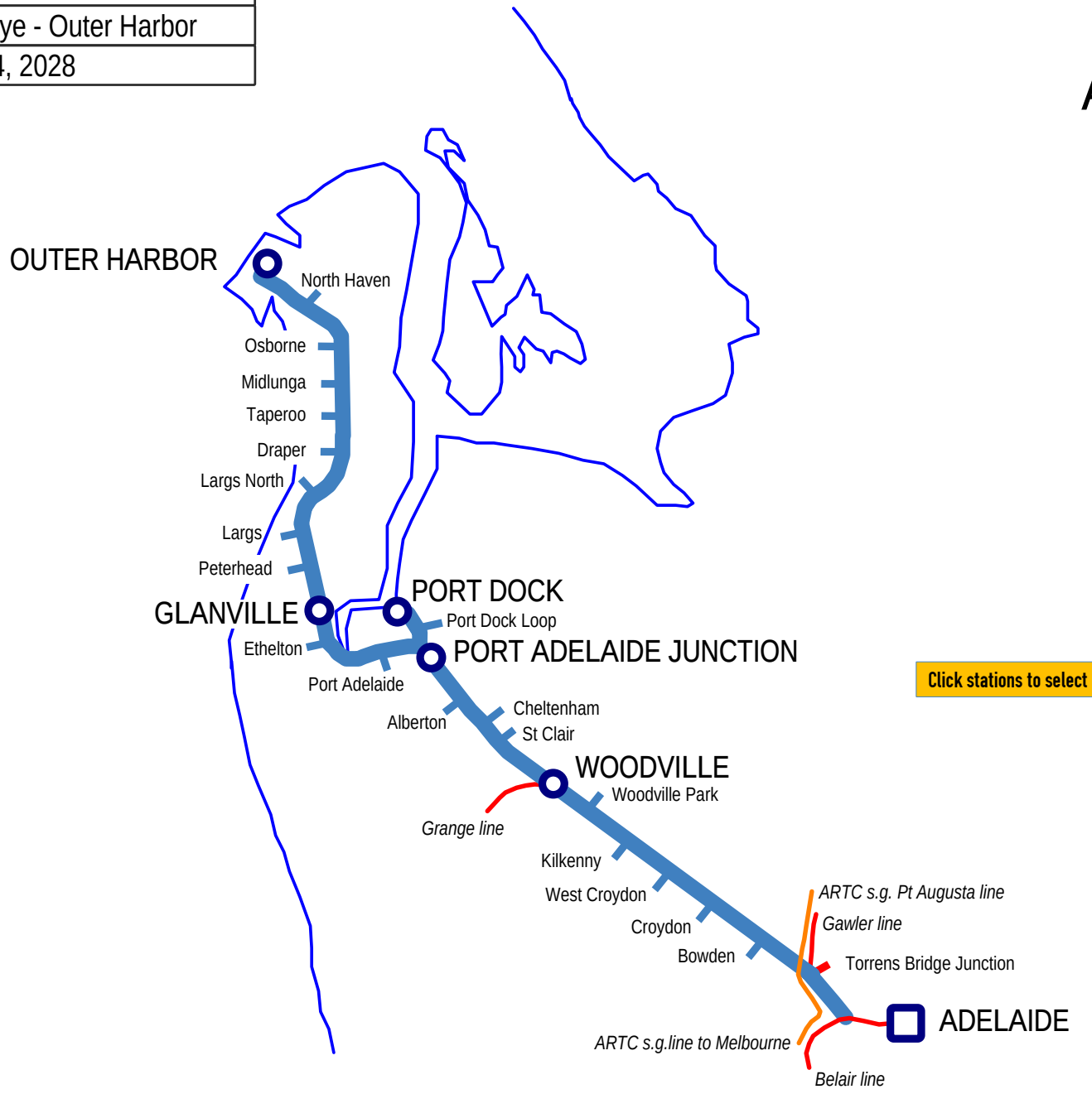
A2019

LINE	Port Line
SECTION	Adelaide Wye - Outer Harbor
PAGES	2021 - 2024, 2028

Home

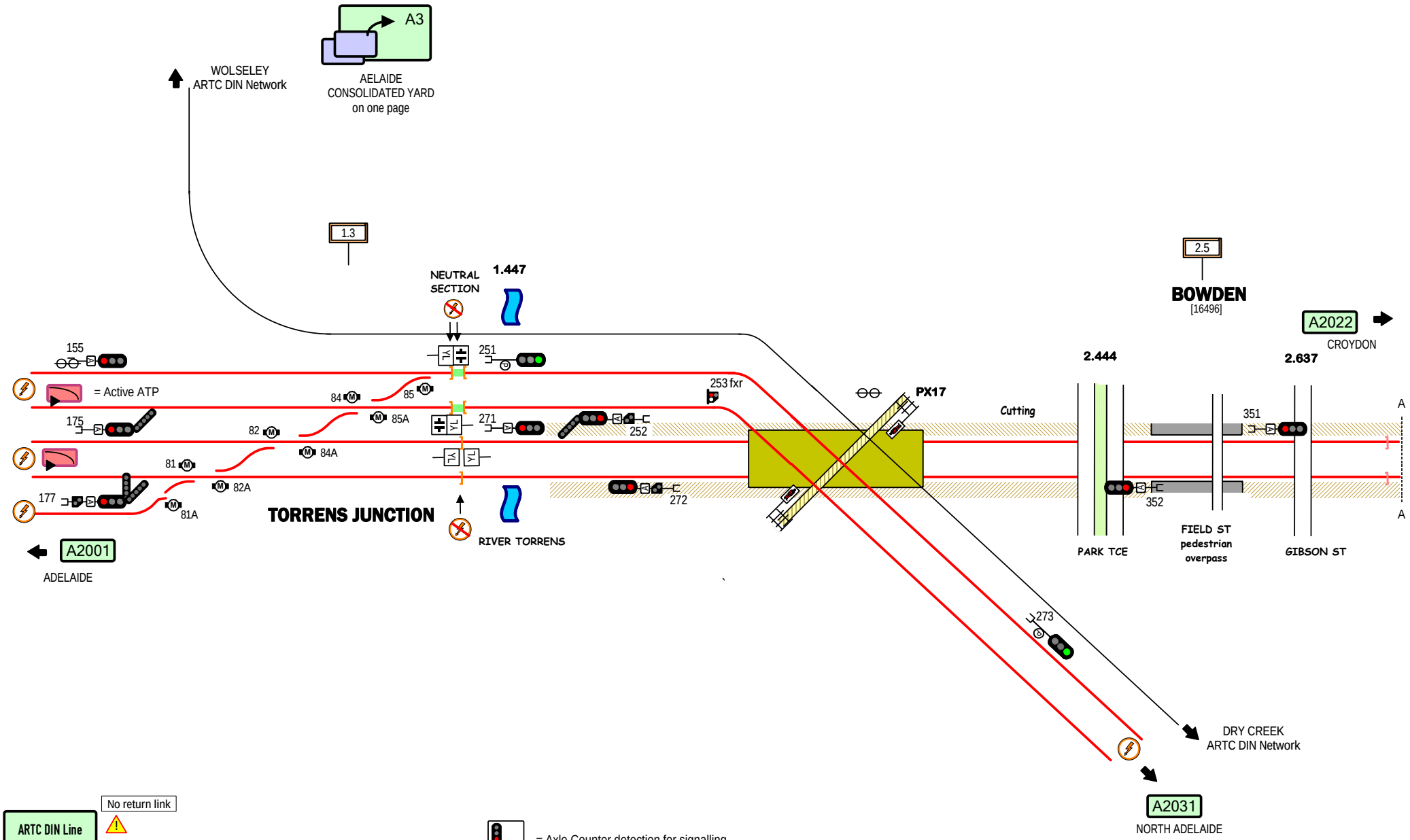
Another Line

Adelaide



Click stations to select

Section A3



TORRENS JUNCTION - BOWDEN

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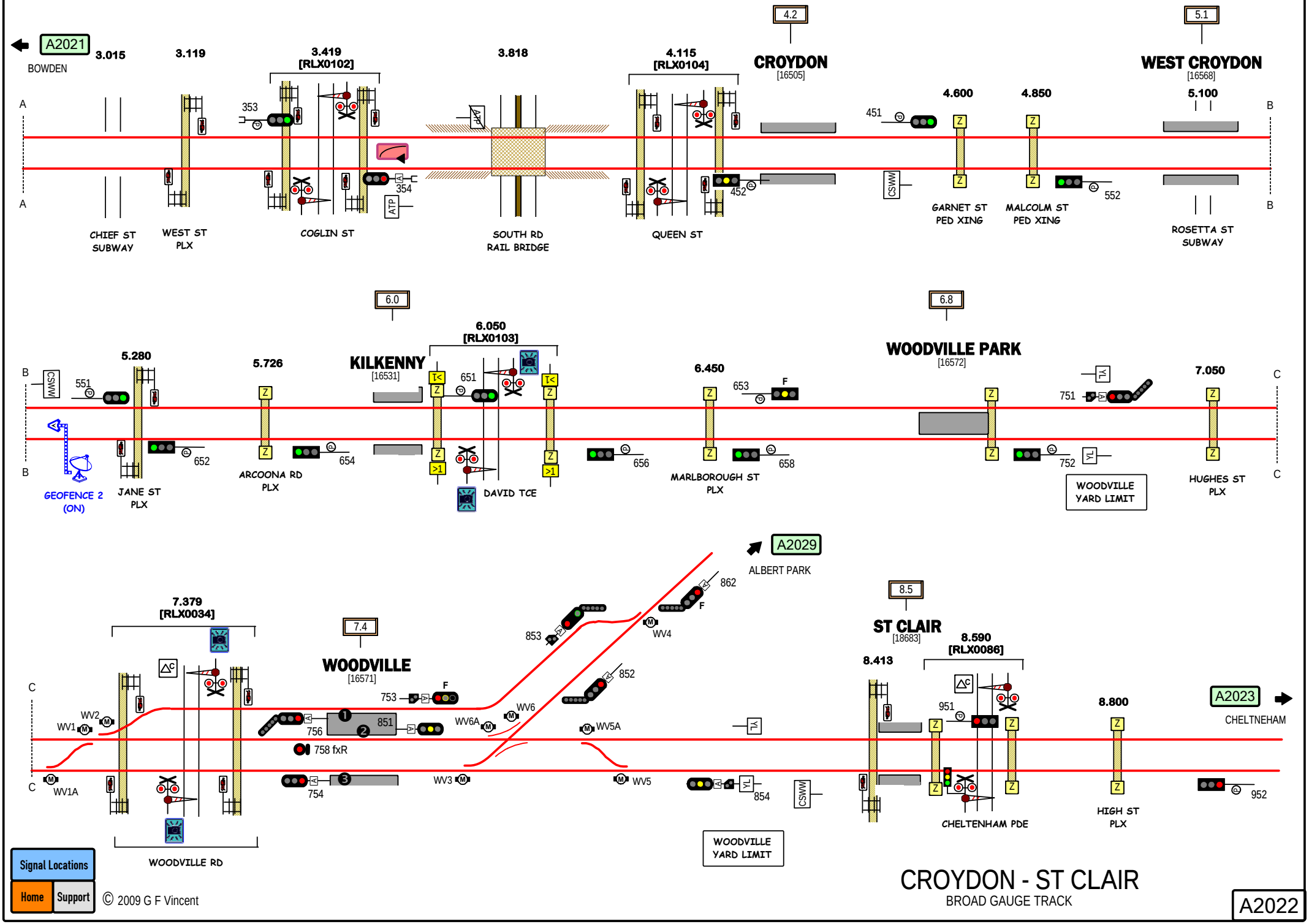
A2021


A2021
BOWDEN
3.015
3.119
3.419
[RLX0102]
3.818
4.115
[RLX0104]
4.2
CROYDON
[16505]
5.1
WEST CROYDON
[16568]
4.600
4.850
5.100
353
354
ATP
451
452
552
CSWW
CHIEF ST SUBWAY
WEST ST PLX
COGLIN ST
SOUTH RD RAIL BRIDGE
QUEEN ST
GARNET ST PED XING
MALCOLM ST PED XING
ROSETTA ST SUBWAY
6.0
6.050
[RLX0103]
6.8
WOODVILLE PARK
[16572]
5.280
5.726
6.450
7.050
551
652
654
651
653
656
658
751
752
YL
GEOFENCE 2 (ON)
JANE ST PLX
ARCOONA RD PLX
KILKENNY
[16531]
DAVID TCE
MARLBOROUGH ST PLX
WOODVILLE YARD LIMIT
HUGHES ST PLX
A2029
ALBERT PARK
7.379
[RLX0034]
7.4
WOODVILLE
[16571]
8.5
ST CLAIR
[18683]
8.590
[RLX0086]
8.413
8.800
862
853
852
753
756
851
758 fxR
754
WV1
WV2
WV1A
WV3
WV4
WV5
WV5A
WV6
WV6A
854
951
952
A2023
CHELTNEHAM
WOODVILLE RD
WOODVILLE YARD LIMIT
CHELTENHAM PDE
HIGH ST PLX
Signal Locations
Home
Support
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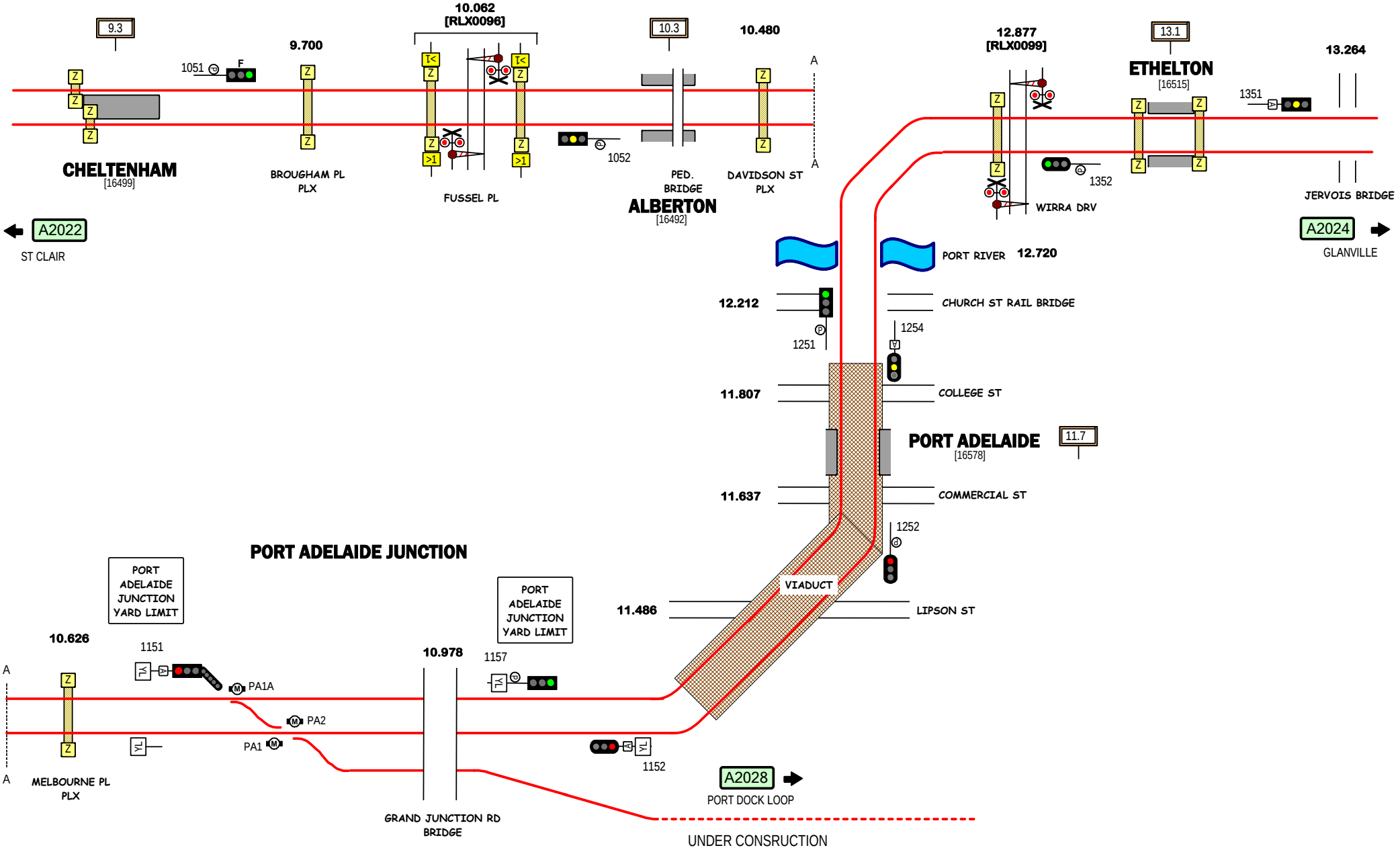
CROYDON - ST CLAIR
BROAD GAUGE TRACK
A2022


9.3
CHELTENHAM
[16499]
1051
F
9.700
BROUGHAM PL
PLX
10.062
[RLX0096]
FUSSEL PL
10.3
1052
PED.
BRIDGE
10.480
DAVIDSON ST
PLX
ALBERTON
[16492]
A
A
12.877
[RLX0099]
WIRRA DRV
1352
13.1
ETHELTON
[16515]
1351
13.264
JERVOIS BRIDGE
A2022
ST CLAIR
A2024
GLANVILLE
PORT RIVER
12.720
12.212
CHURCH ST RAIL BRIDGE
1251
1254
11.807
COLLEGE ST
PORT ADELAIDE
[16578]
11.7
11.637
COMMERCIAL ST
1252
PORT ADELAIDE JUNCTION
PORT
ADELAIDE
JUNCTION
YARD LIMIT
PORT
ADELAIDE
JUNCTION
YARD LIMIT
VIADUCT
11.486
LIPSON ST
10.626
1151
10.978
1157
A
A
PA1A
PA2
PA1
1152
MELBOURNE PL
PLX
GRAND JUNCTION RD
BRIDGE
A2028
PORT DOCK LOOP
UNDER CONSRUCTION
BROAD GAUGE TRACK
CHELTENHAM - ETHELTON
Signal Locations
Home
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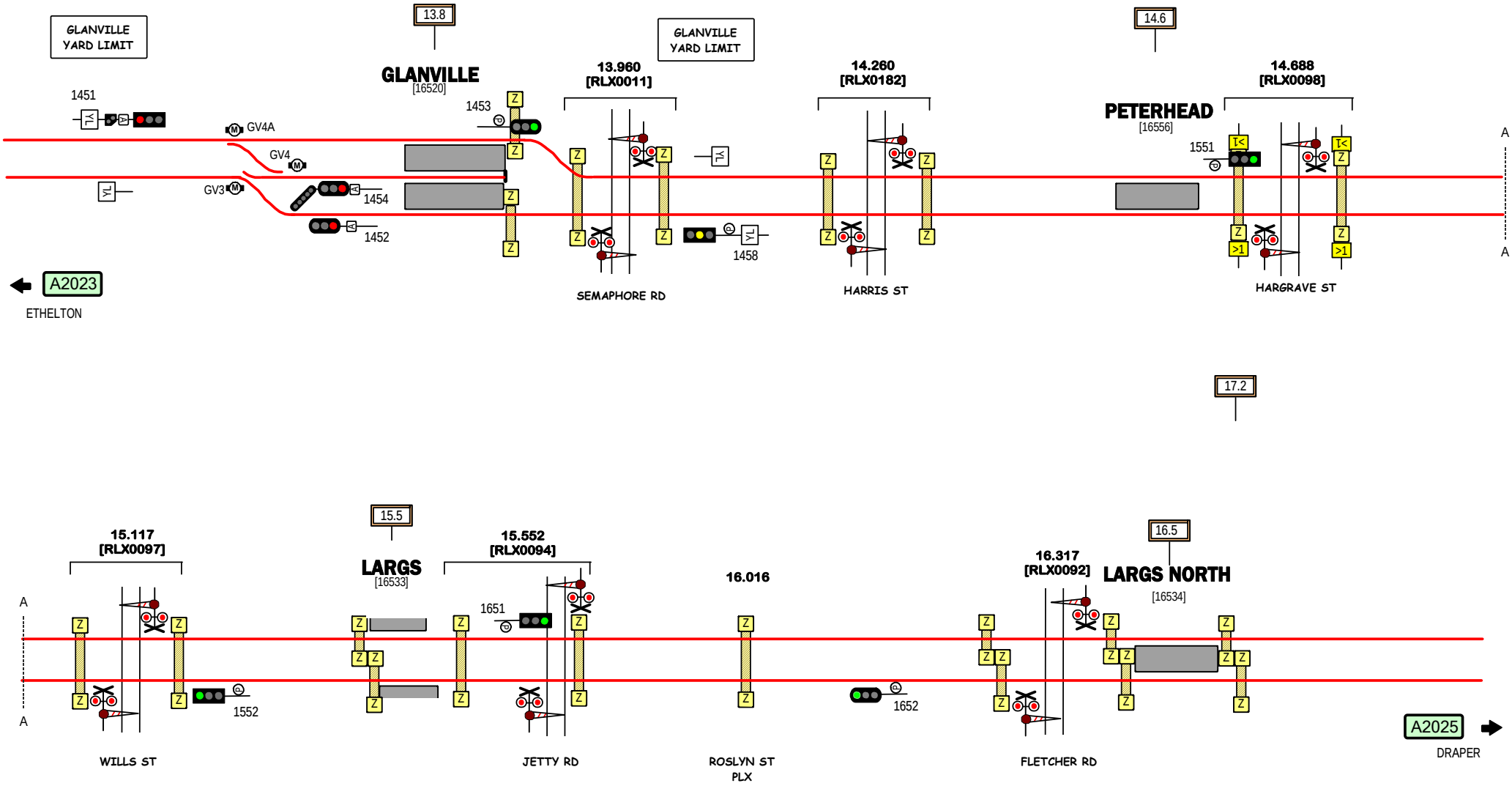
A2023



BROAD GAUGE TRACK

GLANVILLE - LARGS NORTH

Signal Locations

Home | Support

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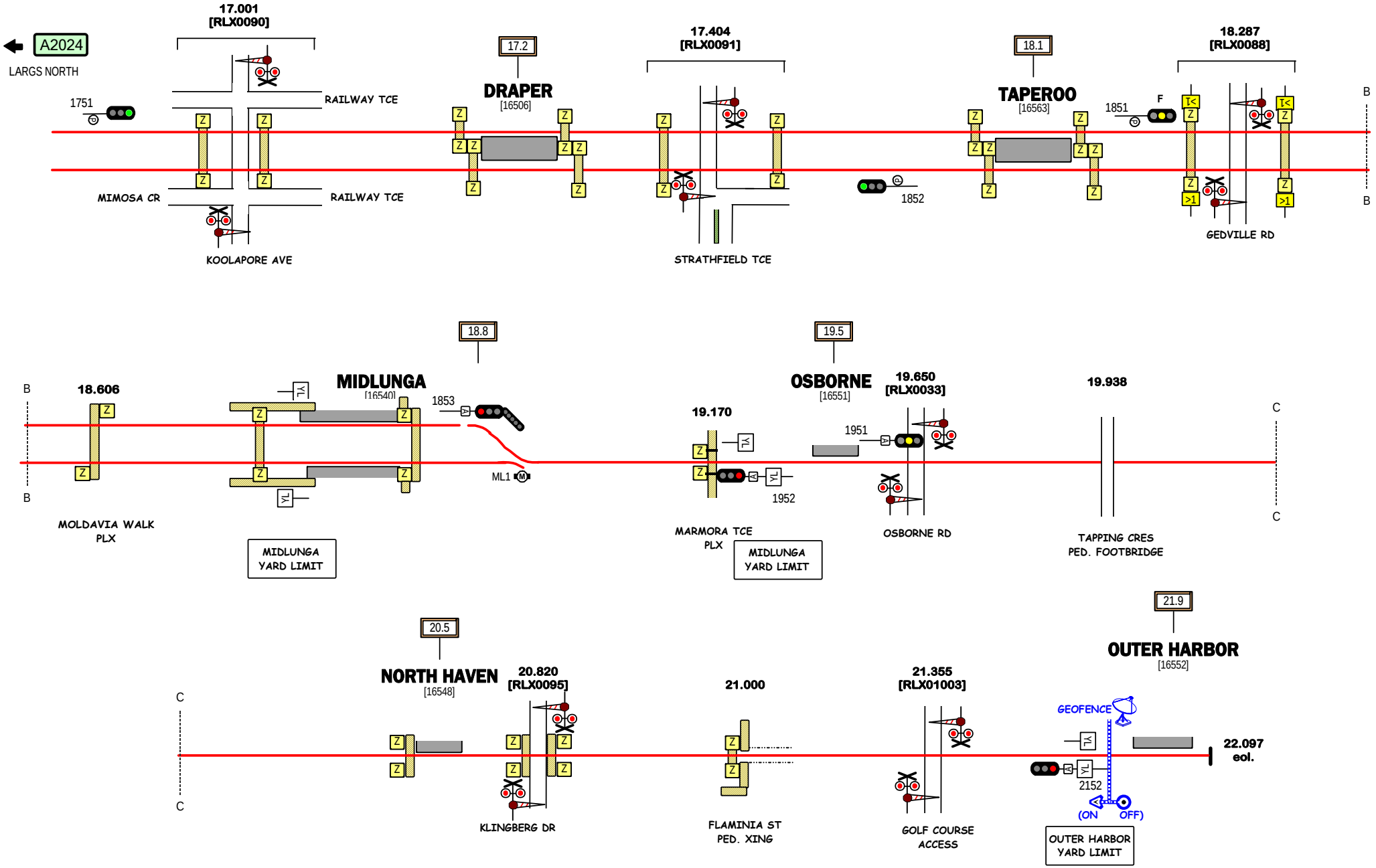
A2024



BROAD GAUGE TRACK

DRAPER - OUTER HARBOR

Signal Locations

Home | Support

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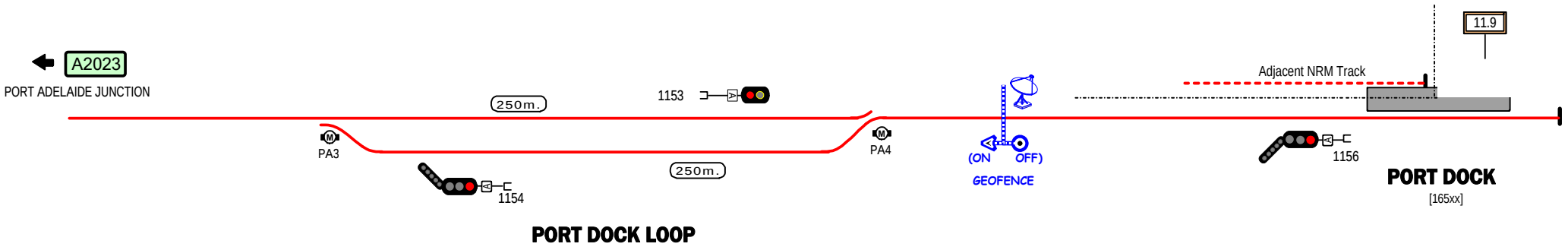
A2025



BROAD GAUGE TRACK

PORT DOCK BRANCH

Signal Locations
Home Support

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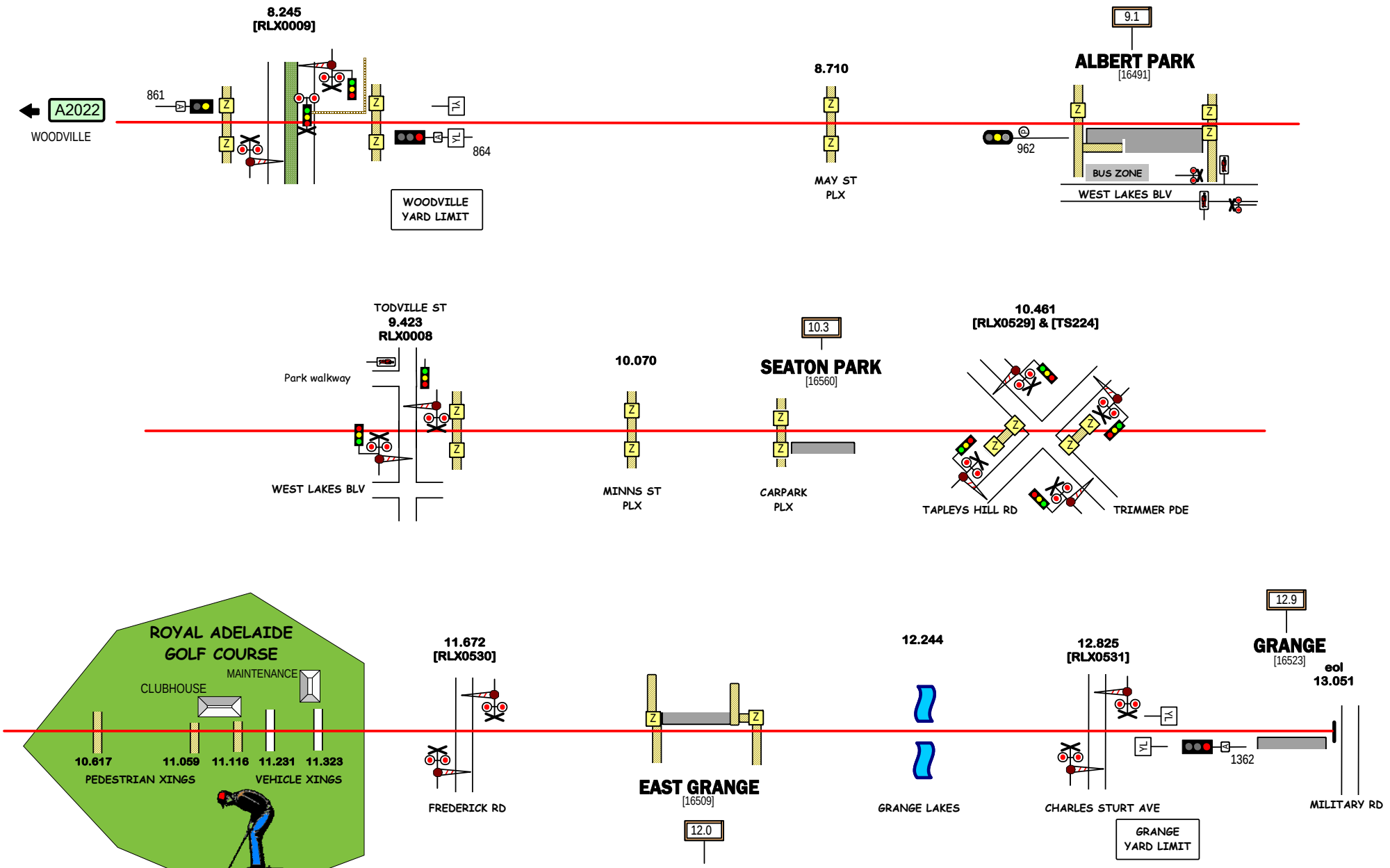

BROAD GAUGE TRACK

(WOODVILLE) - GRANGE

Signal Locations
Home
Support

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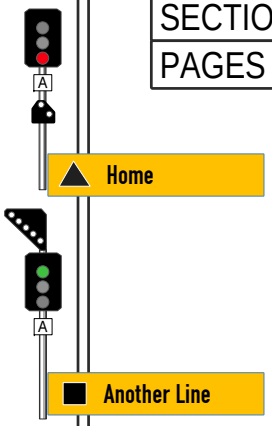
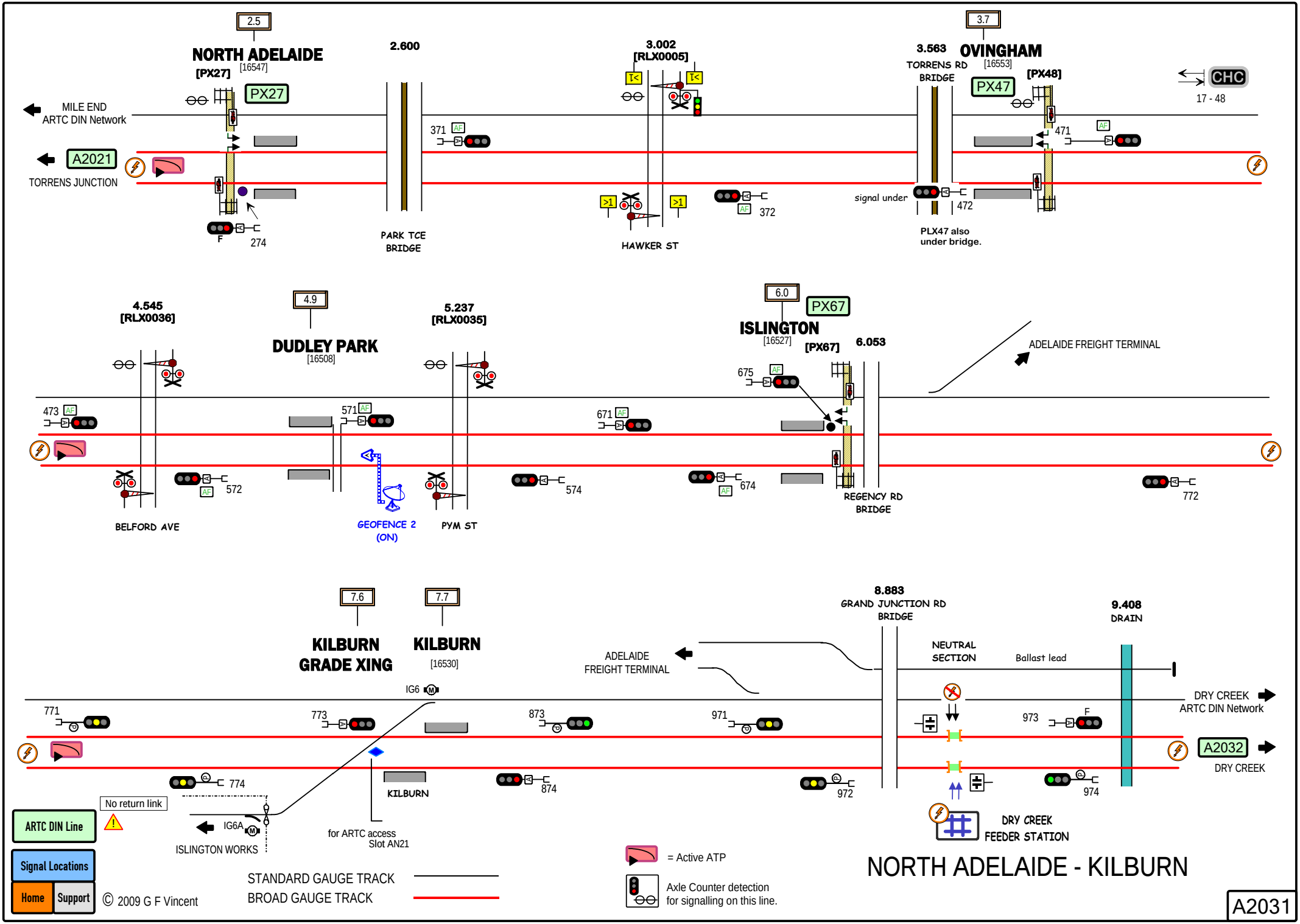
LINE	Gawler Line
SECTION	Torrens Bridge Jcn - Gawler Central
PAGES	2031-2038

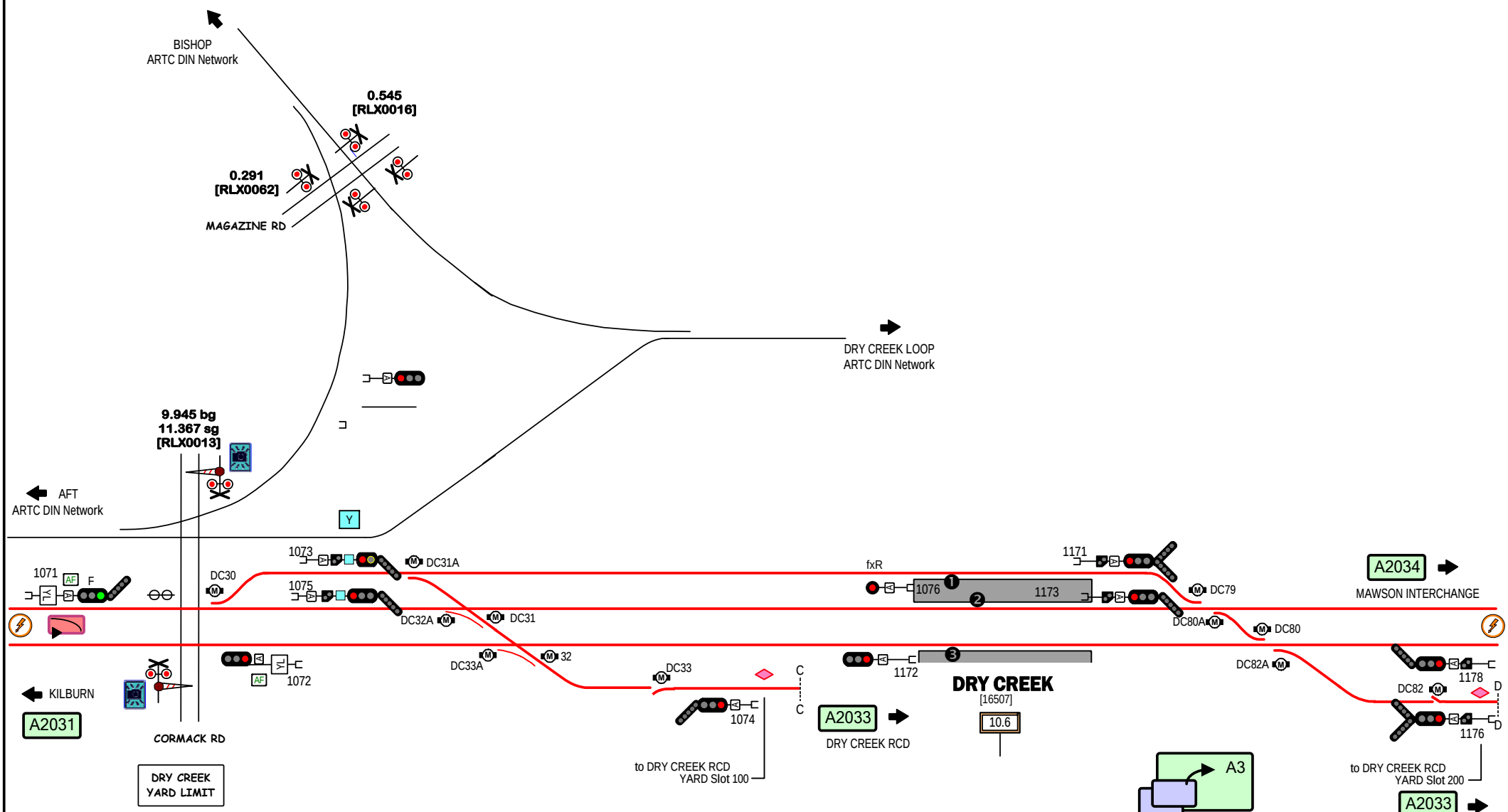


Adelaide

Click stations to select

Section A5

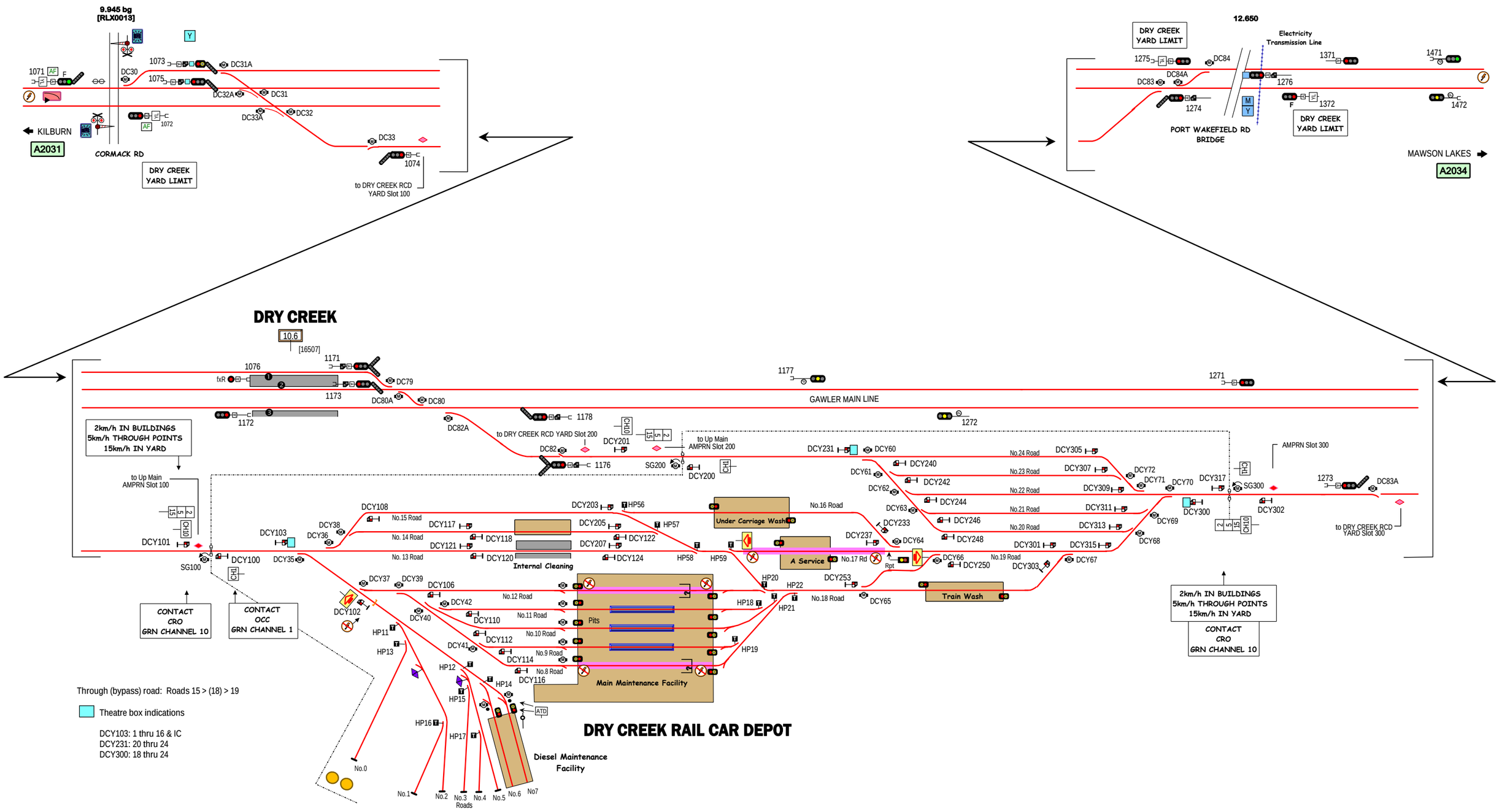

2.5
NORTH ADELAIDE
[PX27]
[16547]
PX27
MILE END
ARTC DIN Network
A2021
TORRENS JUNCTION
F
274
2.600
PARK TCE
BRIDGE
371
3.002
[RLX0005]
HAWKER ST
372
3.7
3.563
TORRENS RD
BRIDGE
OVINGHAM
[16553]
[PX48]
PX47
CHC
17 - 48
471
signal under
472
PLX47 also
under bridge.
4.545
[RLX0036]
4.9
DUDLEY PARK
[16508]
5.237
[RLX0035]
6.0
PX67
ISLINGTON
[16527]
[PX67]
6.053
ADELAIDE FREIGHT TERMINAL
675
671
473
571
572
574
674
772
BELFORD AVE
GEOFENCE 2
(ON)
PYM ST
REGENCY RD
BRIDGE
7.6
7.7
KILBURN
GRADE XING
KILBURN
[16530]
8.883
GRAND JUNCTION RD
BRIDGE
9.408
DRAIN
NEUTRAL
SECTION
Ballast lead
ADELAIDE
FREIGHT TERMINAL
IG6
771
773
873
971
973
DRY CREEK
ARTC DIN Network
A2032
DRY CREEK
774
874
972
974
KILBURN
No return link
IG6A
ISLINGTON WORKS
for ARTC access
Slot AN21
DRY CREEK
FEEDER STATION
ARTC DIN Line
Signal Locations
Home
Support
© 2009 G F Vincent
STANDARD GAUGE TRACK
BROAD GAUGE TRACK
= Active ATP
Axle Counter detection
for signalling on this line.
NORTH ADELAIDE - KILBURN
A2031


BISHOP
ARTC DIN Network
0.545
[RLX0016]
0.291
[RLX0062]
MAGAZINE RD
DRY CREEK LOOP
ARTC DIN Network
9.945 bg
11.367 sg
[RLX0013]
AFT
ARTC DIN Network
Y
1071
AF
F
DC30
1073
DC31A
1075
DC32A
DC31
DC33A
32
DC33
1074
C
C
to DRY CREEK RCD
YARD Slot 100
1072
KILBURN
A2031
CORMACK RD
DRY CREEK
YARD LIMIT
fxR
1076
1173
1171
DC79
DC80A
DC80
A2034
MAWSON INTERCHANGE
1172
DRY CREEK
[16507]
10.6
A2033
DRY CREEK RCD
DC82A
DC82
1178
1176
D
D
to DRY CREEK RCD
YARD Slot 200
A2033
DRY CREEK RCD
A3
DRY CREEK ENVIRONS
on one page
ARTC DIN Line
No return link
Signal Locations
Home
Support
© 2009 G F Vincent
= Active ATP
Axle Counter detection
for signalling on this line.
STANDARD GAUGE TRACK
BROAD GAUGE TRACK
DRY CREEK
A2032

FOR PRINTING ON A3 OR LARGER

A4

Return to standard format



Through (bypass) road: Roads 15 > (18) > 19

Theatre box indications

DCY103: 1 thru 16 & IC
DCY231: 20 thru 24
DCY300: 18 thru 24

= Active ATP

Axle Counter detection for signalling on this line.

Signal Locations

Home | Support

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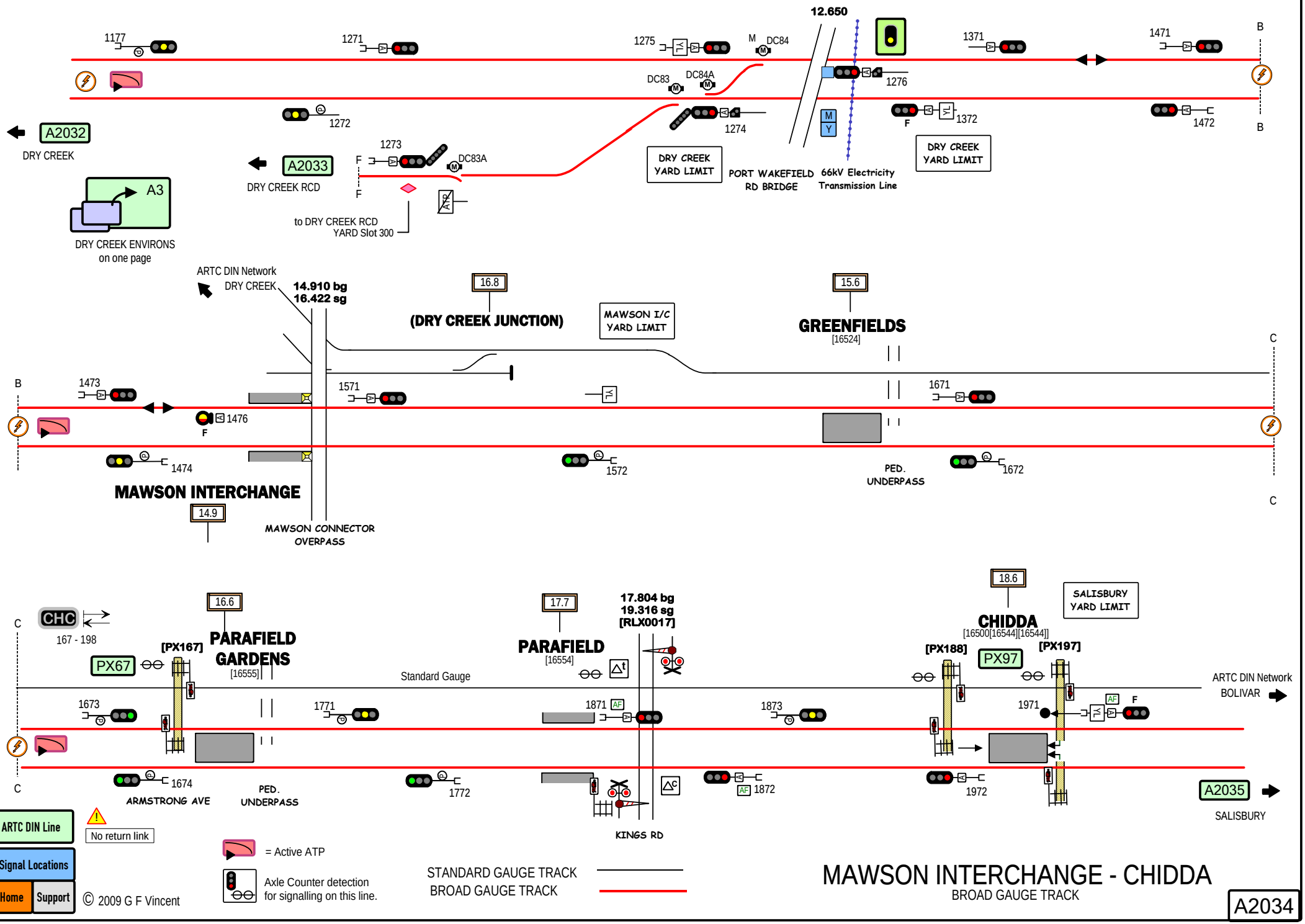
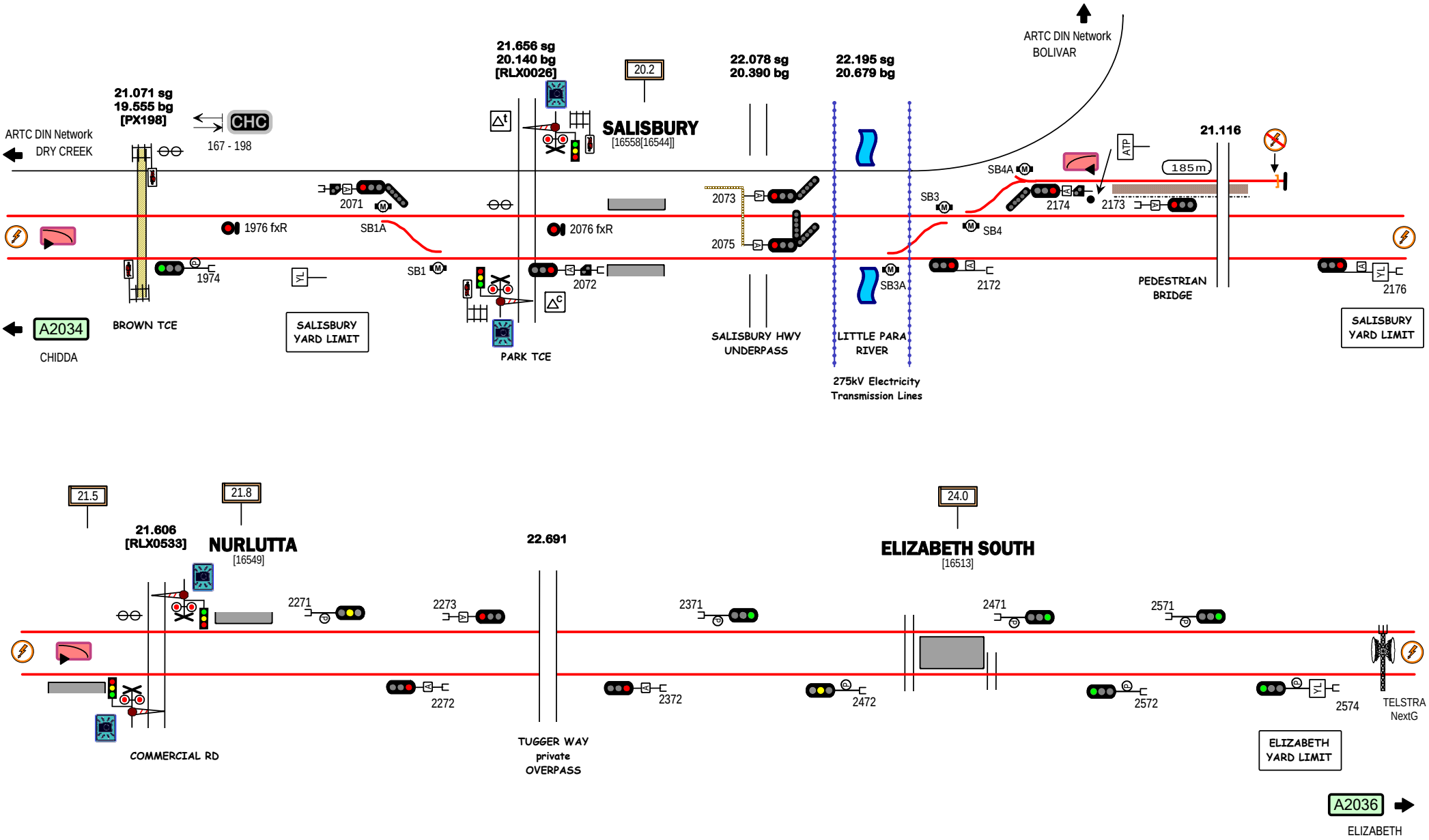
BROAD GAUGE TRACK

DRY CREEK ENVIRONS

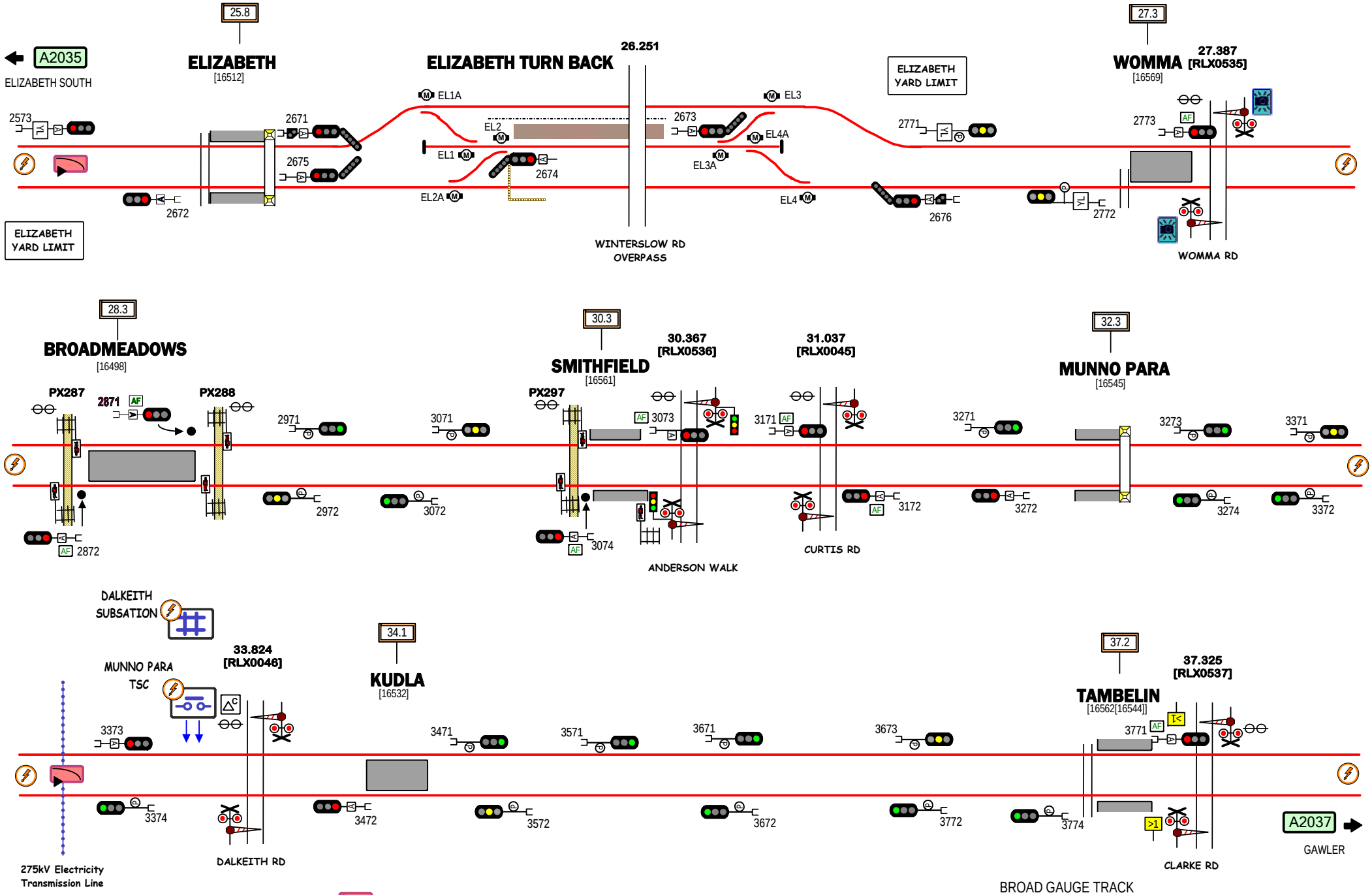
A2032-3L


12.650
1177
1271
1275
M DC84
1371
1471
B
DC83
DC84A
1276
1272
1274
M
Y
F
1372
1472
B
A2032
DRY CREEK
1273
A2033
F
DC83A
DRY CREEK RCD
F
DRY CREEK YARD LIMIT
PORT WAKEFIELD RD BRIDGE
66kV Electricity Transmission Line
DRY CREEK YARD LIMIT
A3
DRY CREEK ENVIRONS on one page
to DRY CREEK RCD YARD Slot 300
ARTC DIN Network
DRY CREEK
14.910 bg
16.422 sg
16.8
(DRY CREEK JUNCTION)
MAWSON I/C YARD LIMIT
15.6
GREENFIELDS
[16524]
C
B
1473
1571
1671
1476
F
1474
1572
PED. UNDERPASS
1672
MAWSON INTERCHANGE
14.9
MAWSON CONNECTOR OVERPASS
C
CHC
167 - 198
16.6
PARAFIELD GARDENS
[16555]
[PX167]
PX67
17.7
17.804 bg
19.316 sg
[RLX0017]
PARAFIELD
[16554]
Standard Gauge
18.6
CHIDDA
[16500[16544][16544]]
SALISBURY YARD LIMIT
[PX188]
PX97
[PX197]
ARTC DIN Network
BOLIVAR
1673
1771
1871
AF
1873
1971
AF
F
1674
ARMSTRONG AVE
PED. UNDERPASS
1772
1872
1972
A2035
SALISBURY
KINGS RD
ARTC DIN Line
No return link
= Active ATP
Axle Counter detection for signalling on this line.
STANDARD GAUGE TRACK
BROAD GAUGE TRACK
Signal Locations
Home
Support
© 2009 G F Vincent
MAWSON INTERCHANGE - CHIDDA
BROAD GAUGE TRACK
A2034



SALISBURY - ELIZABETH SOUTH

A2035


A2035
ELIZABETH SOUTH
25.8
ELIZABETH
[16512]
ELIZABETH TURN BACK
26.251
ELIZABETH YARD LIMIT
27.3
WOMMA
27.387
[RLX0535]
[16569]
2573
2671
2675
2672
EL1A
EL2
EL1
EL2A
2674
2673
EL3
EL4A
EL3A
EL4
2771
2676
2773
2772
WINTERSLOW RD OVERPASS
WOMMA RD
28.3
BROADMEADOWS
[16498]
30.3
SMITHFIELD
[16561]
30.367
[RLX0536]
31.037
[RLX0045]
32.3
MUNNO PARA
[16545]
PX287
2871
PX288
2971
3071
2972
3072
2872
PX297
3073
3074
3171
3172
CURTIS RD
ANDERSON WALK
3271
3272
3273
3274
3371
3372
DALKEITH SUBSATION
MUNNO PARA TSC
33.824
[RLX0046]
34.1
KUDLA
[16532]
37.2
TAMBELIN
[16562[16544]]
37.325
[RLX0537]
3373
3374
3471
3472
3571
3572
3671
3672
3673
3772
3774
3771
DALKEITH RD
CLARKE RD
A2037
GAWLER
275kV Electricity Transmission Line
= Active ATP
Axle Counter detection for signalling on this line.
BROAD GAUGE TRACK
ELIZABETH - TAMBELIN
Signal Locations
Home
Support
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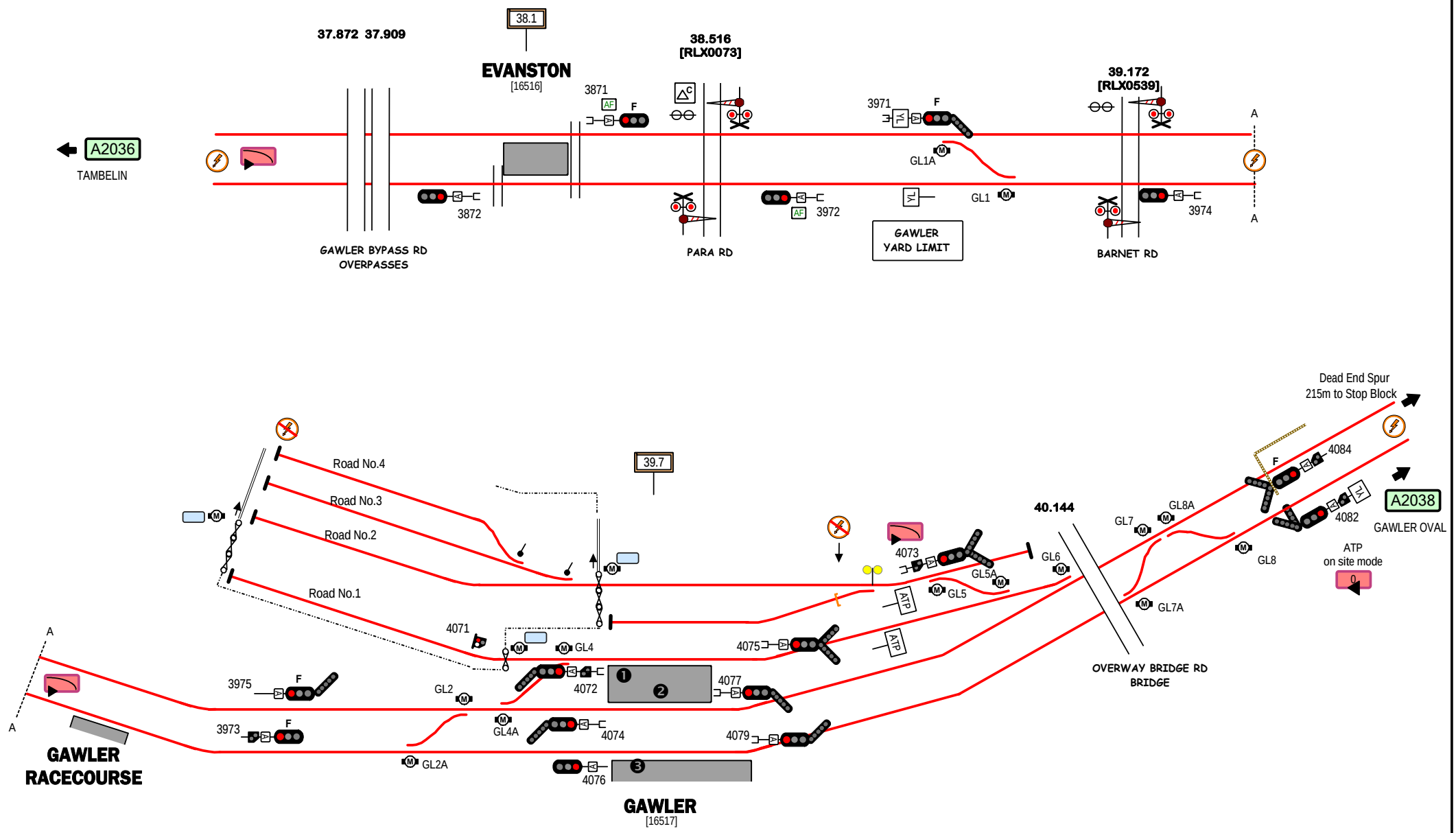
A2036



Card Operate

= Active ATP

Axle Counter detection for signalling on this line.

Signal Locations

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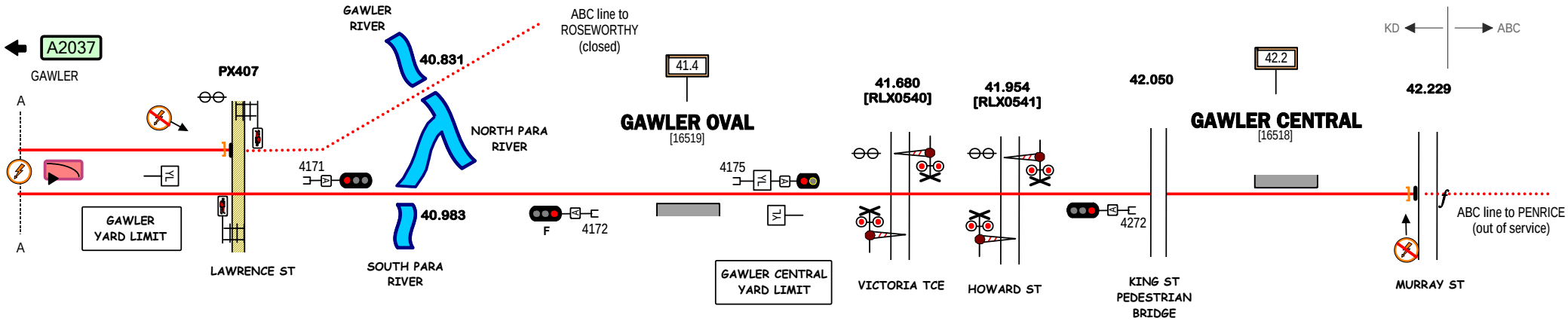
BROAD GAUGE TRACK

EVANSTON - GAWLER

A2037



Signal Locations

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= Active ATP

Axle Counter detection for signalling on this line.

BROAD GAUGE TRACK

GAWLER OVAL - GAWLER CENTRAL

A2038