



NETWORK RAIL Scotland

Route SC193

Perth

and

Inverness

(Maintenance)

Not to Scale

T.A.P.M.SC193.0.0.0.1.8 August 2015

Contents

Legend

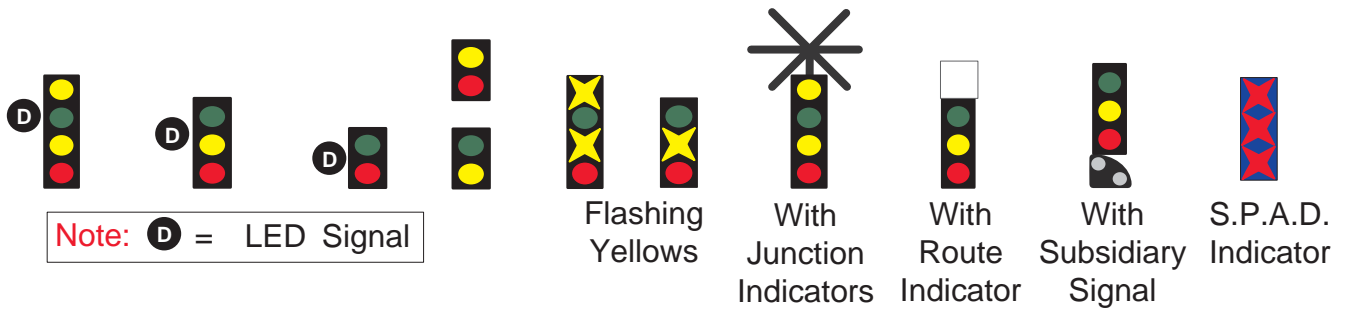
Page 111	T.A.P.M.193.0.0.0.1. March 2007	
Page 1V	T.A.P.M.193.0.0.0.1.2 September 2008	Amended AWS signage

Route

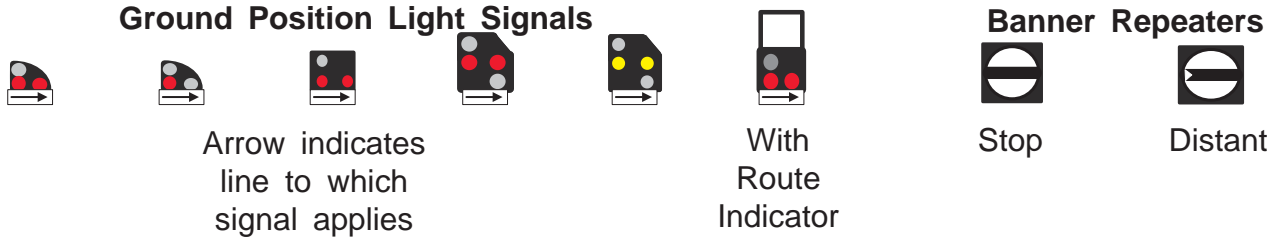
Page 1	Perth Station	T.A.P.M.193.0.0.0.1.5 October 2014	Point Numbers Altered
Page 2	Perth Yard	T.A.P.M.193.0.0.0.1.3 February 2014	Mileages Altered / Plate No. Altered
Page 3	Ordie Viaduct	T.A.P.M.193.0.0.0.1.1 May 2010	Mileage Added
Page 4	Stanley Junction Signal Box	T.A.P.M.193.0.0.0.1.4 February 2014	Mileages Altered
Page 5	Kinclaven Level Crossing	T.A.P.M.193.0.0.0.1.1 May 2010	Mileage Added
Page 6	Dunkeld Signal Box	T.A.P.M.193.0.0.0.1.2 February 2014	Special Site of Scientific Interest Added
Page 7	Inver Tunnel	T.A.P.M.193.0.0.0.1.1 May 2010	Mileages Altered
			Mileage Added
			Special Site of Scientific Interest Added
Page 8	Moulinearn Level Crossing	T.A.P.M.193.0.0.0.1.1 May 2010	Mileage Added
Page 9	Pitlochry Station	T.A.P.M.193.0.0.0.1.3 February 2014	Mileages Altered
Page 10	Killiecrankie Tunnel	T.A.P.M.193.0.0.0.1.2 February 2014	Mileages Altered
Page 11	Pitagowan Level Crossing	T.A.P.M.193.0.0.0.1.2 February 2014	Mileages Altered/Added
Page 12	Dalnacardoch	T.A.P.M.193.0.0.0.1.2 February 2014	Mileages Altered
Page 13	Red Van Level Crossing	T.A.P.M.193.0.0.0.1.2 August 2015	Mileage Added
			Special Site of Scientific Interest Added
Page 14	Whitebridge Level Crossing	T.A.P.M.193.0.0.0.1.2 February 2014	Whistle Boards Added
Page 15	Dalwhinnie Signal Box	T.A.P.M.193.0.0.0.1.5 August 2015	Mileage Altered
			Mileage Altered
			Point Numbers Altered
Page 16	Inchlea Level Crossing	T.A.P.M.193.0.0.0.1.1 May 2010	Distillery Burn LC/W. Boards Removed
			Mileage Added
Page 17	Kingussie Signal Box	T.A.P.M.193.0.0.0.1.3 August 2015	Special Site of Scientific Interest Added
			Mileages Altered / Plate No. Altered
Page 18	Balavil Gates Level Crossing	T.A.P.M.193.0.0.0.1.3 August 2015	Whistle Boards Added
			Mileage Altered
Page 19	Lynwilg Level Crossing	T.A.P.M.193.0.0.0.1.1 May 2010	W. Boards Added/B. Burn Crossing Closed
			Mileage Added
			Special Site of Scientific Interest Added
Page 20	Aviemore Station	T.A.P.M.193.0.0.0.1.2 February 2014	Mileages Altered
Page 21	South Points Carrbridge	T.A.P.M.193.0.0.0.1.2 February 2014	Mileage Altered
Page 22	Slochd Viaduct	T.A.P.M.193.0.0.0.1.1 May 2010	Mileage Added
Page 23	Findhorn Viaduct	T.A.P.M.193.0.0.0.1.2 February 2014	Mileage Altered
Page 24	Tomatin Loop	T.A.P.M.193.0.0.0.1.1 May 2010	Mileage Added
Page 25	Moy Loop	T.A.P.M.193.0.0.0.1.2 February 2014	Mileage Altered
Page 26	Culloden	T.A.P.M.193.0.0.0.1.2 February 2014	Mileages Altered
Page 27	Cradlehall	T.A.P.M.193.0.0.0.1.2 February 2014	Mileages Altered
Page 28	Millburn Junction	T.A.P.M.193.0.0.0.1.2 February 2014	Mileages Altered
Page 29	Inverness Station	T.A.P.M.193.0.0.0.1.3 February 2014	Mileages Altered / ELR Added

Legend

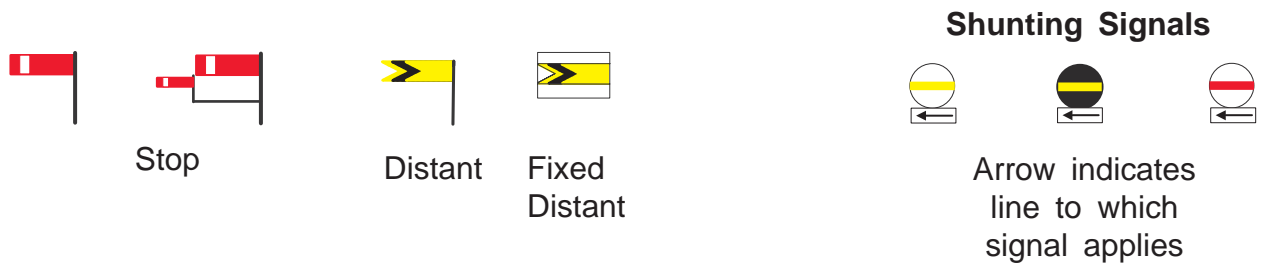
Colour Light Signals



Ground Position Light Signals



Semaphore Signals



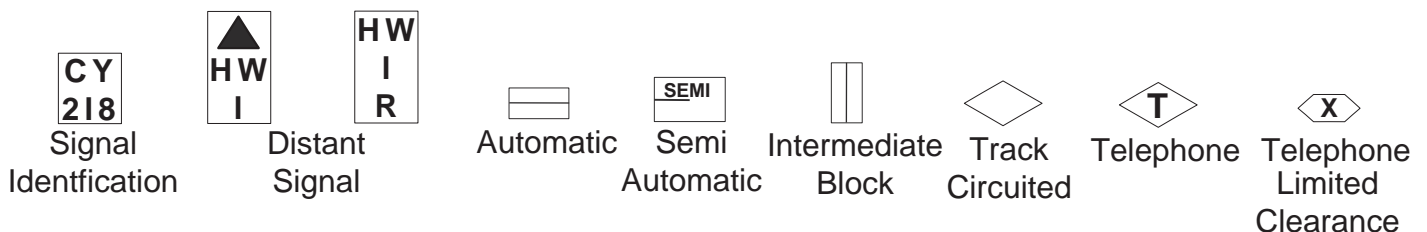
Limit of Shunt Indicators



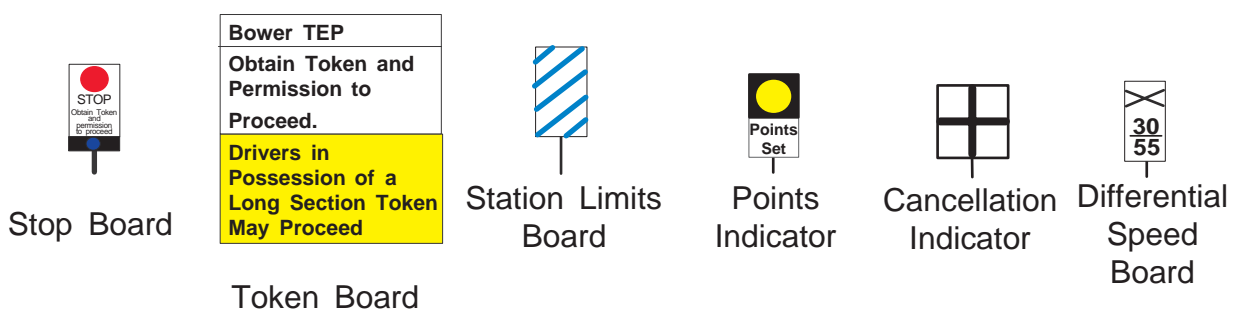
Stop Boards



Signal Plates

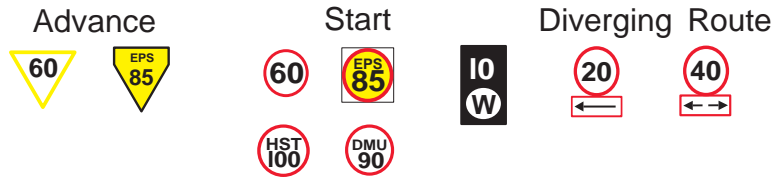


Radio Electric Token Block Signals



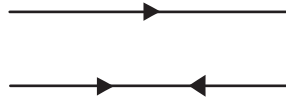
Legend

Permanent Speed Restrictions



Not provided
in wrong
direction, bi-
directional Line

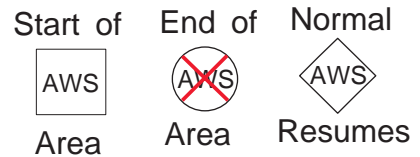
General Information



Running Lines
showing direction
of travel



Signal Box



Ground
Frame



Ground
Switch Panel



Buffer
Stops



Gradient Board
100 Level



(All grades 1 in xx)

Mile Post



Cab Secure
Radio Area



National Radio
Network Area



Start of GSMR
(IVRS) Area



End of GSMR
(IVRS) Area



Affected by
Sun



Area of Known
Low Adhesion



End of Area of
Low Adhesion

Telephone



Shut in Facility



Location where
Drivers Reminder Appliance
Board Provided



Indicator
Right Away Indicator
Close Doors Indicator



Limited
Clearance



Countdown
Markers



St. Andrews
Cross



Electrified
Lines



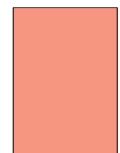
Carriage
Washer



Catch
Points



Warning



Tunnel



Area of Known
Trespass or Vandalism



Retaining Wall

Left Right



Viaduct



Over Bridge



Footpath



Level Crossing



Footbridge

DM Down Main
 UM Up Main
 UPL Up Passenger Loop

Note: 15mph over all lines and connections unless otherwise stated between 151m and 151m 52ch

Behind Bookers
 Glover Street
 Perth
 V Mileage
 151.0750/
 0760

T.A.P.M.SC193 0.0.0.1.5 October 2014

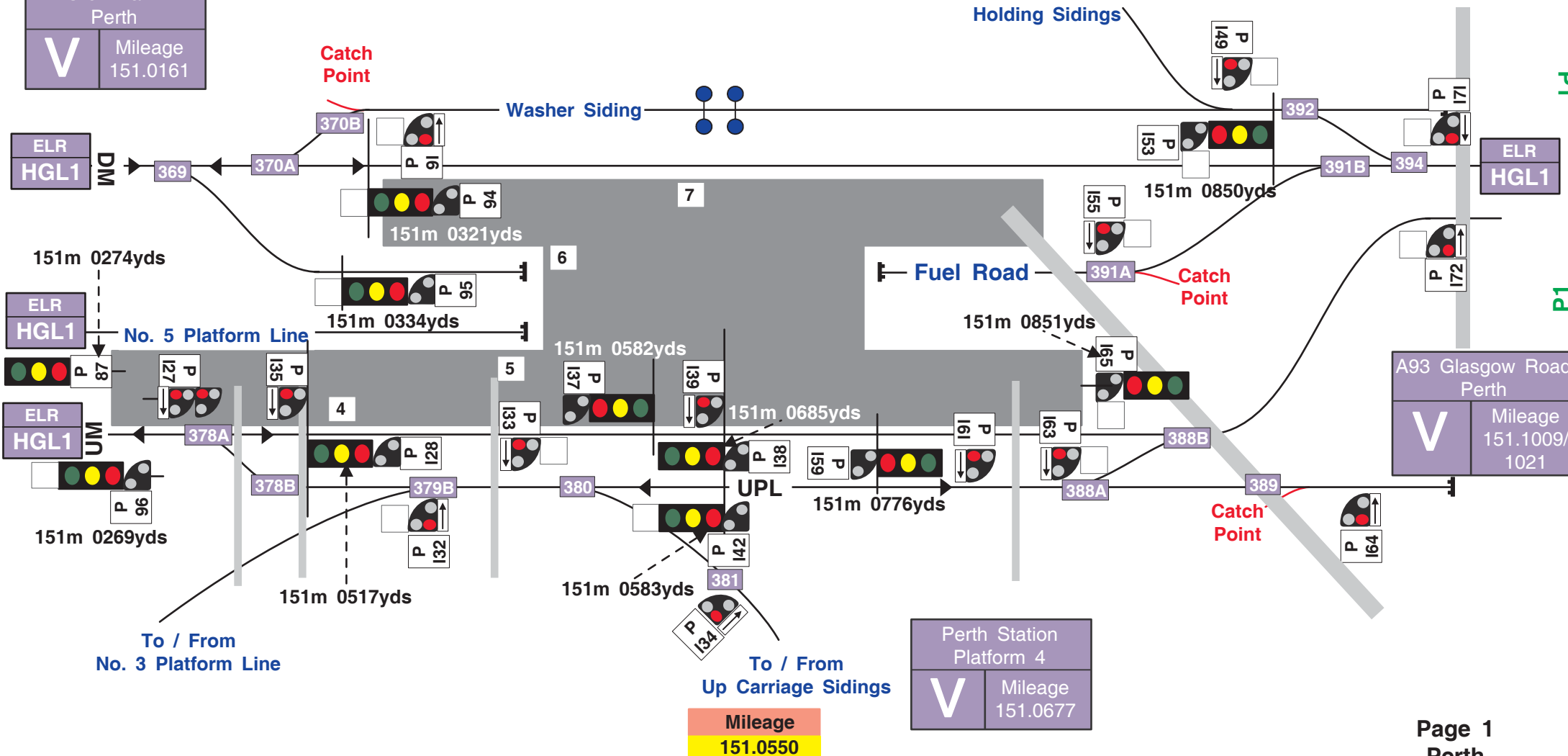
TCB
 Perth SB (P)



Croft Bank
 Perth
 V Mileage
 151.0161

Perth Station

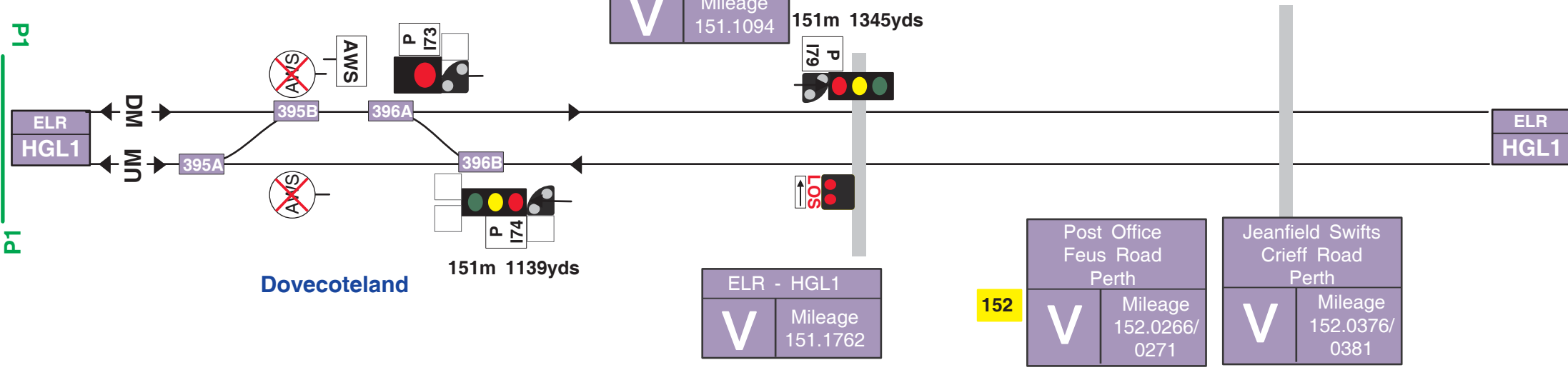
To / From
 Holding Sidings



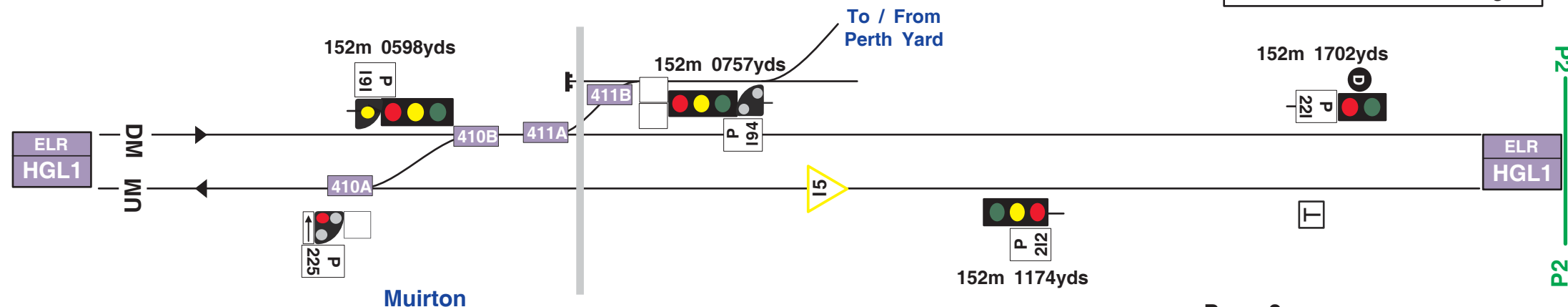
Not to Scale

TCB
Perth SB (P) 

DM Down Main
UM Up Main



Note:  = Dorman LED or Ansaldo Head Signal



Not to Scale

Page 2
Perth
to
Inverness

DM Down Main
UM Up Main

T.A.P.M.SC193 0.0.0.1.1 May 2010

TCB
Perth SB (P)



A9 Dunkeld Road
Almond Bridge
P Mileage
153.1146/
1149

P2

ELR
HGL1

DM
UM



153m 1235yds



NRN
Change
NRN 092 NRN 094

154

ELR
HGL1

DM
UM

ELR
HGL1

Schochie
Viaduct

P3

P3

155

156

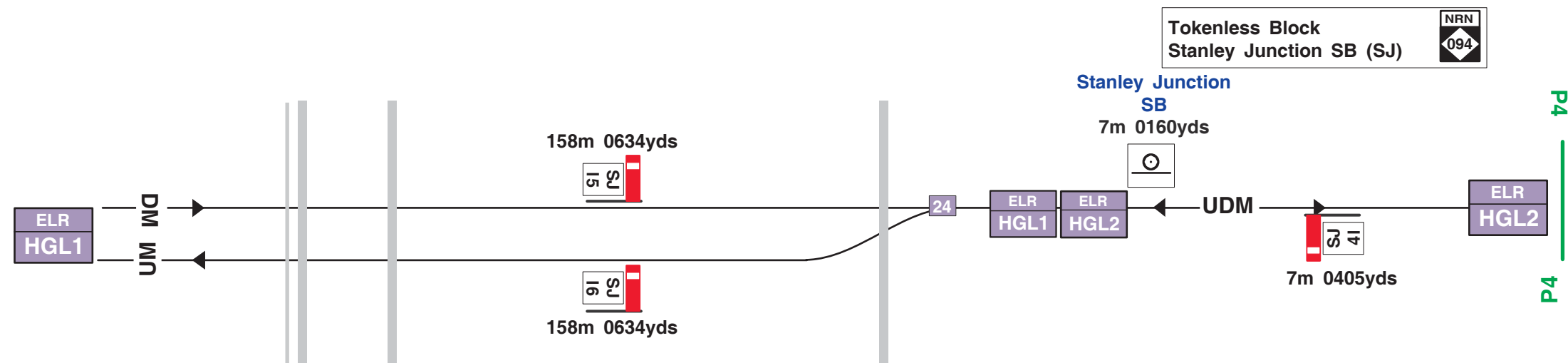
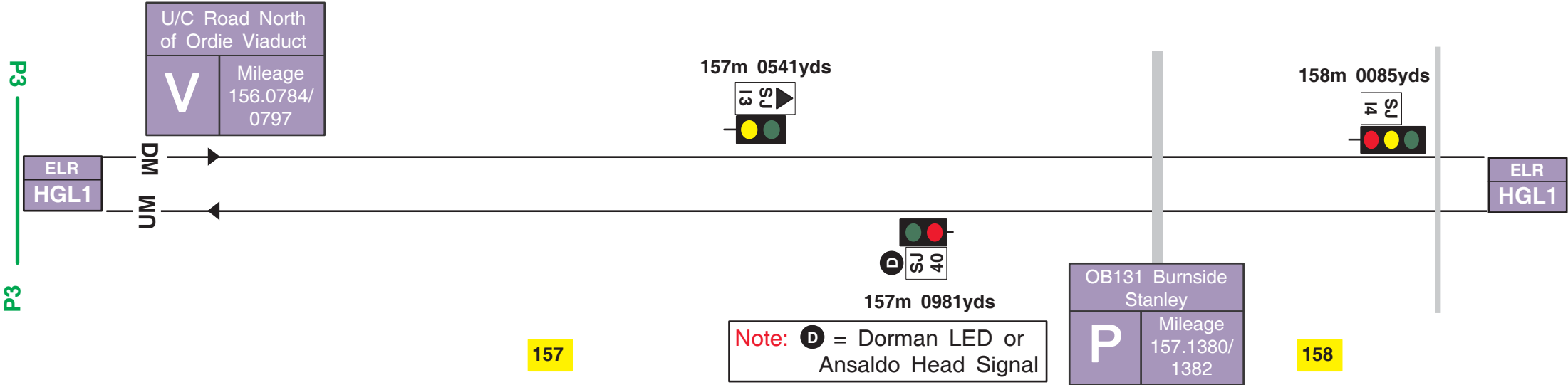
Ordie
Viaduct

Not to Scale

Page 3
Perth
to
Inverness

DM Down Main
UM Up Main
UDM Up & Down Main

TCB
Perth SB (P)
Stanley Junction SB (SJ)



Tokenless Block
Stanley Junction SB (SJ)



Stanley Junction SB
7m 0160yds

Mileage Change
158.0836 | 007.0044

Not to Scale

Tokenless Block
Stanley Junction SB (SJ)



UDM Up & Down Main

Tokenless Block applies between
Stanley Junction SB and
Dunkeld SB

SSSI
8m1107yds
-
8m1463yds

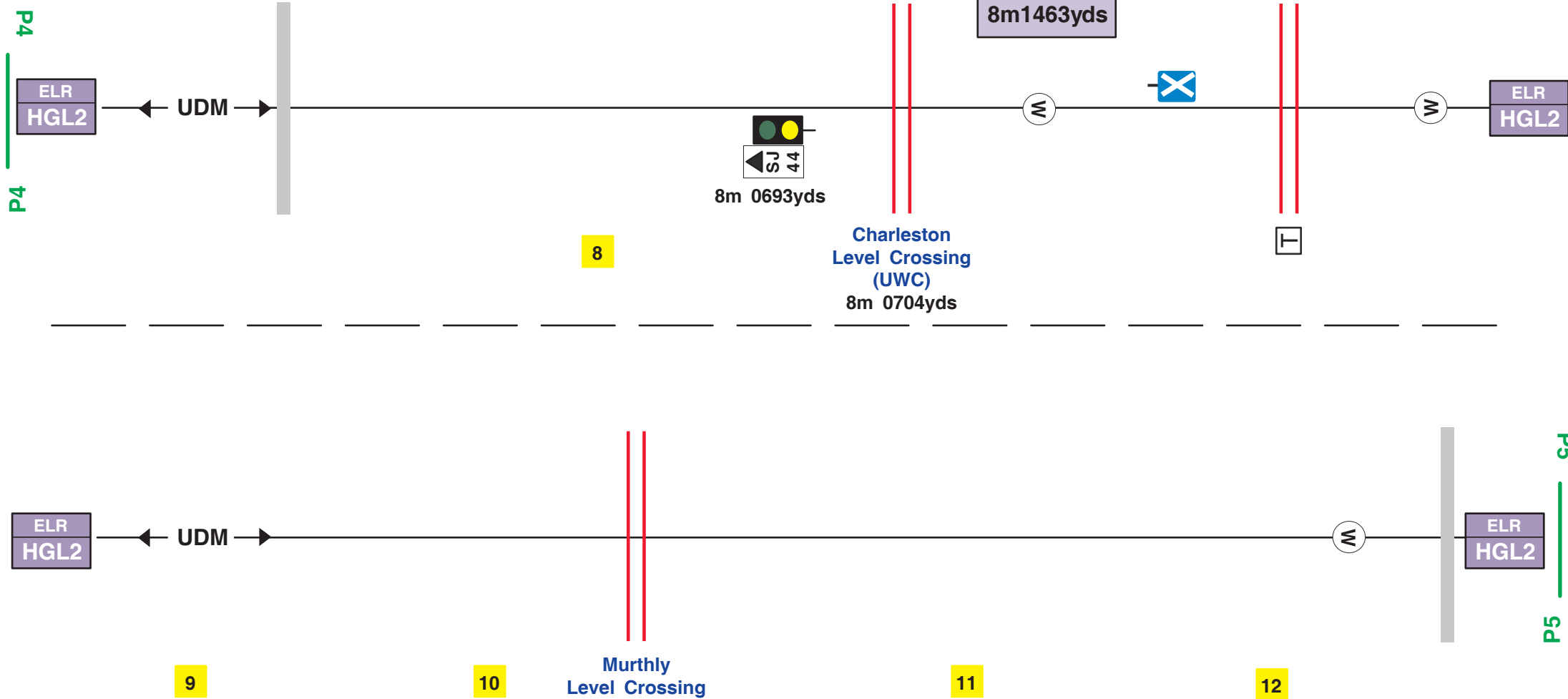
Kinclaven
Level Crossing
(UWC)
8m 1386yds

Charleston
Level Crossing
(UWC)
8m 0704yds

Murthly
Level Crossing
(AHBC)
10m 0330yds

P4
P4

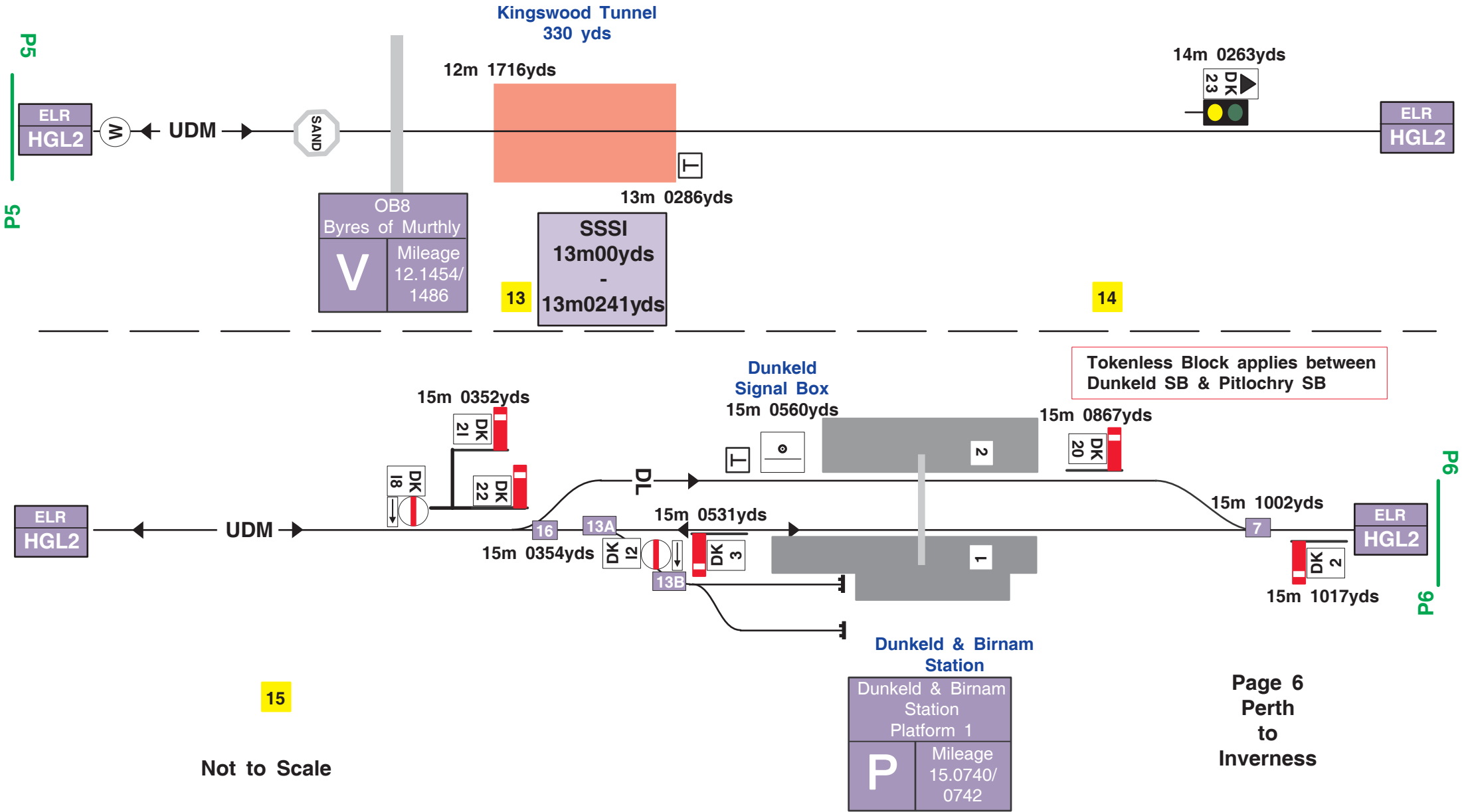
P5
P5



UDM Up & Down Main
DL Down Loop

Tokenless Block applies between
Stanley Junction SB and
Dunkeld SB

Tokenless Block
Dunkeld SB (DK)



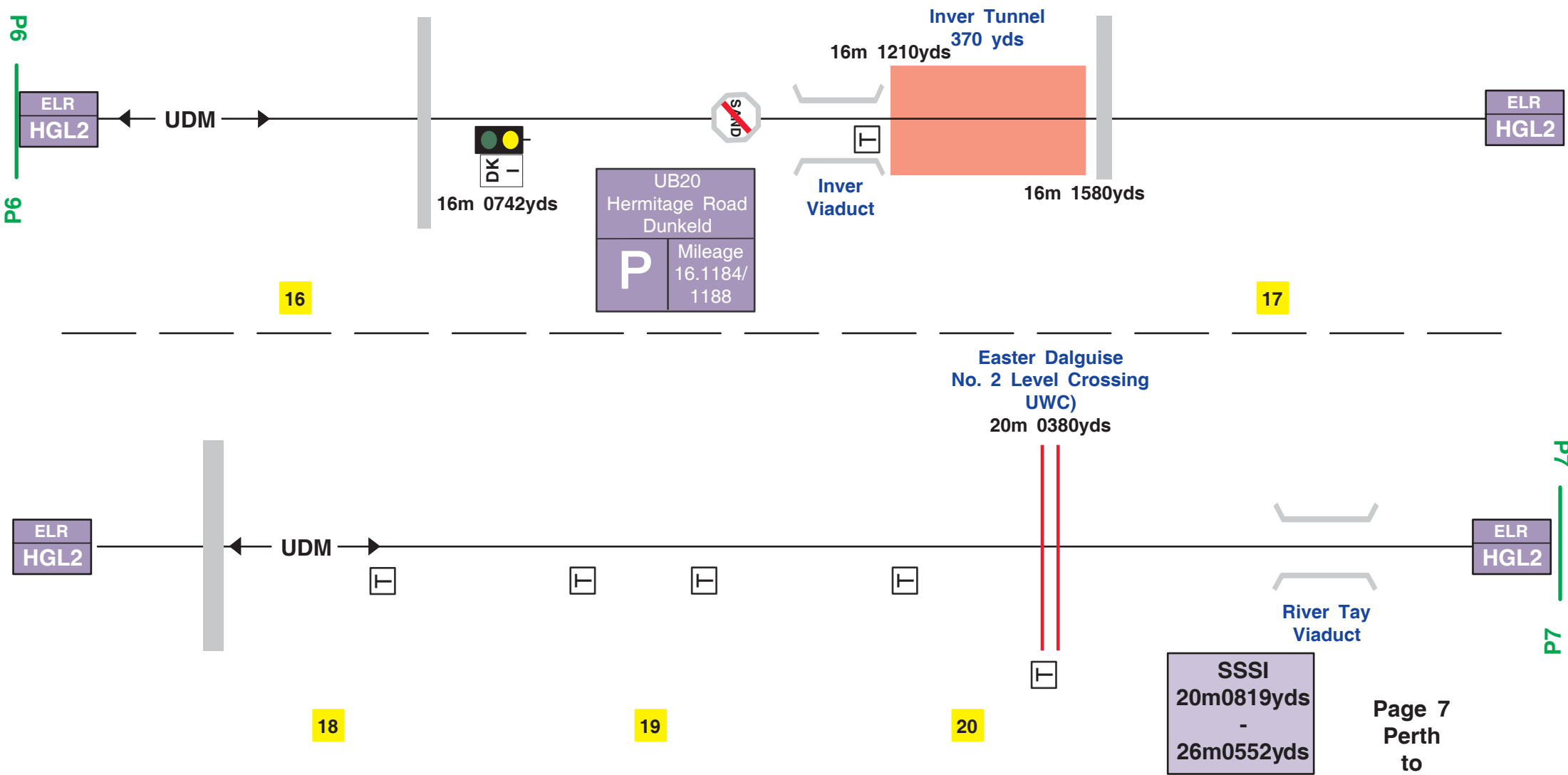
Not to Scale

Tokenless Block
Dunkeld SB (DK)



UDM Up & Down Main

Tokenless Block applies between
Dunkeld SB & Pitlochry SB

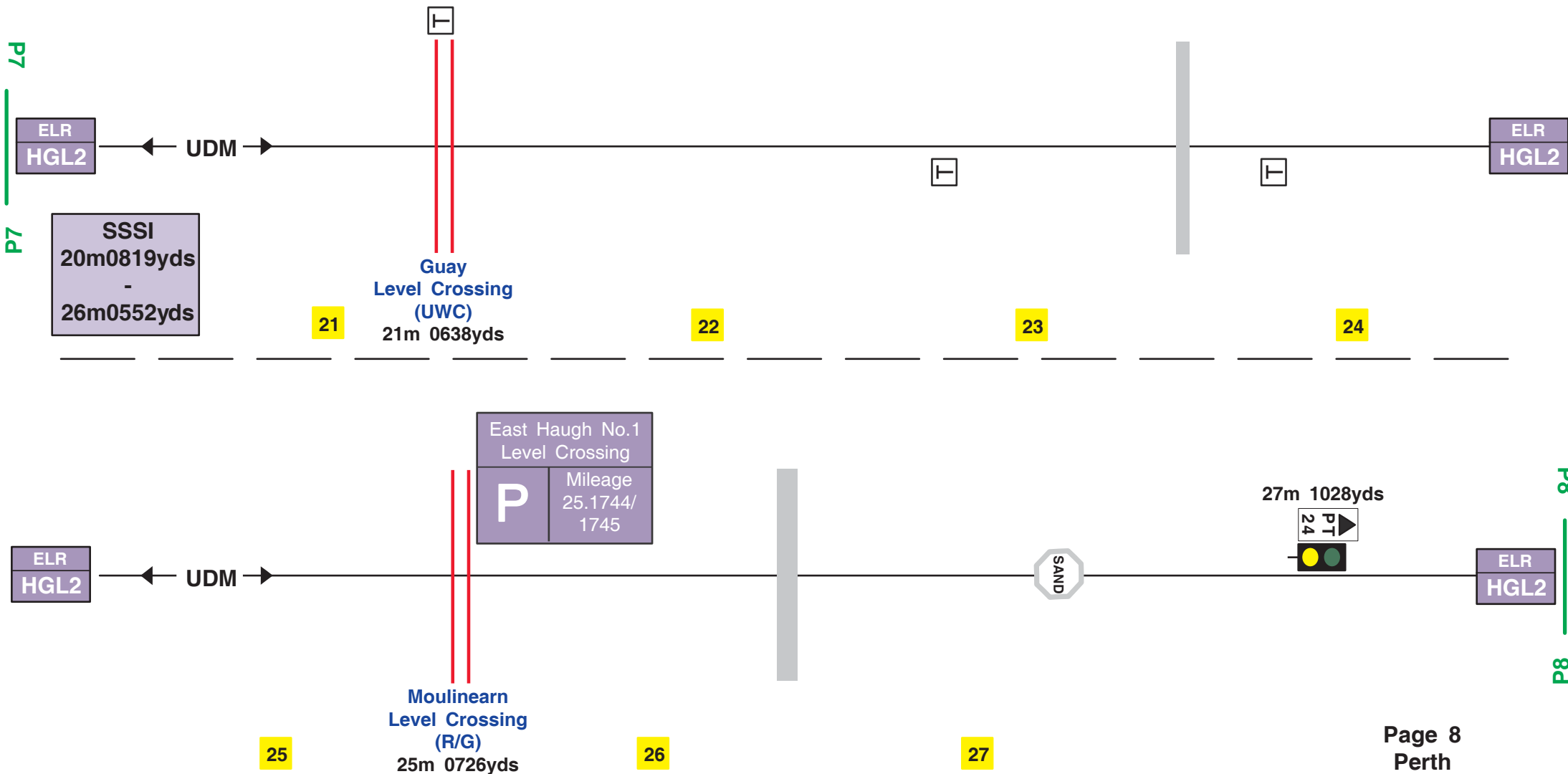


Not to Scale

UDM Up & Down Main

**Tokenless Block applies between
Dunkeld SB & Pitlochry SB**

**Tokenless Block
Pitlochry SB (PT)**



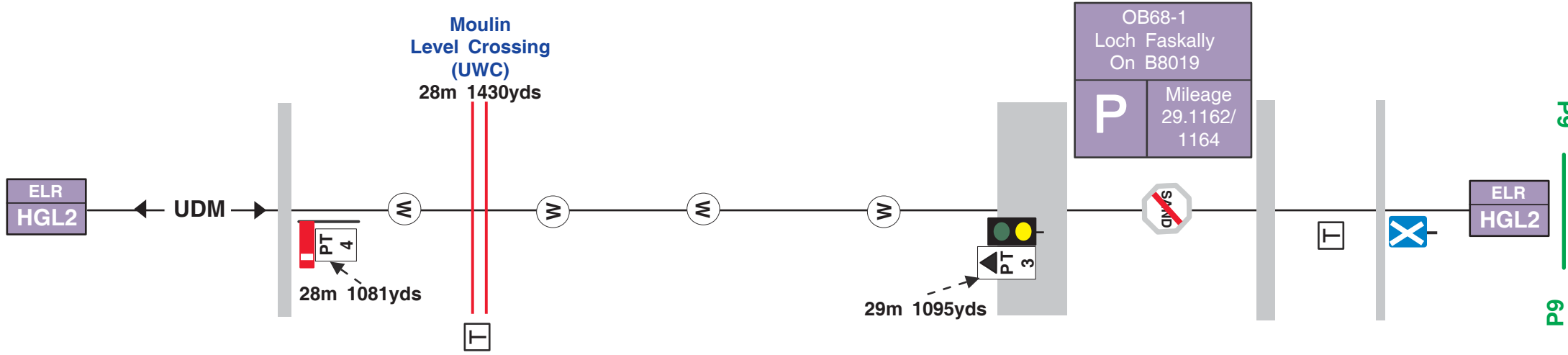
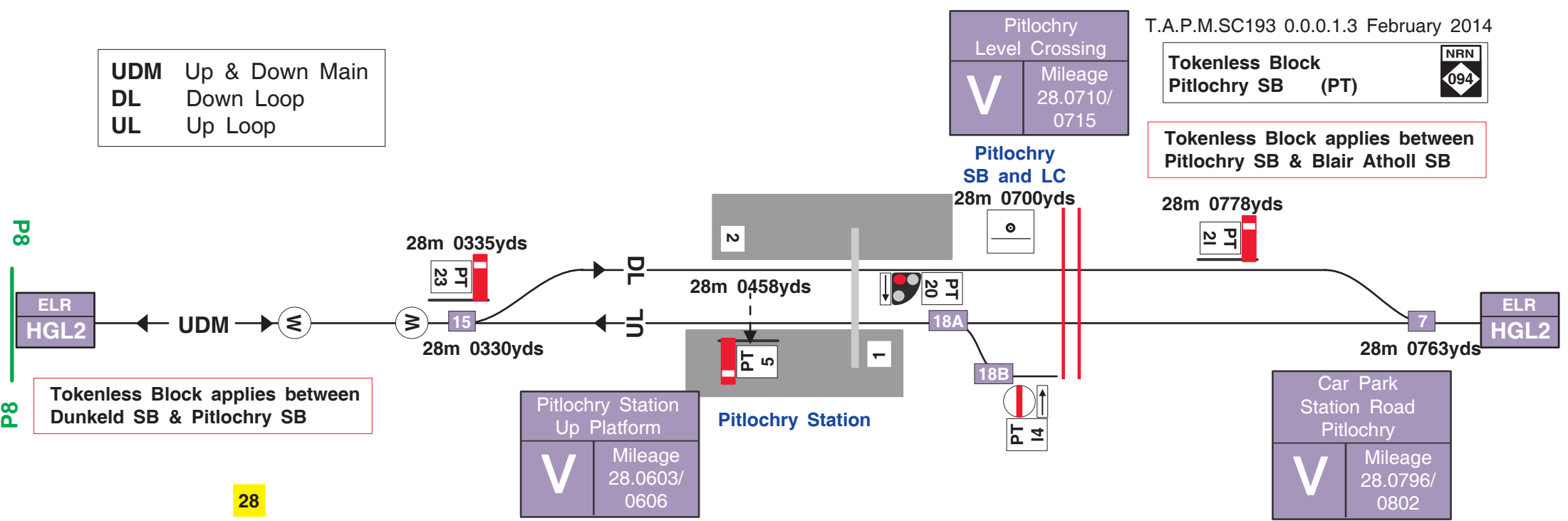
Not to Scale

Tokenless Block
Pitlochry SB (PT)

NRN
094

Tokenless Block applies between
Pitlochry SB & Blair Atholl SB

UDM Up & Down Main
DL Down Loop
UL Up Loop

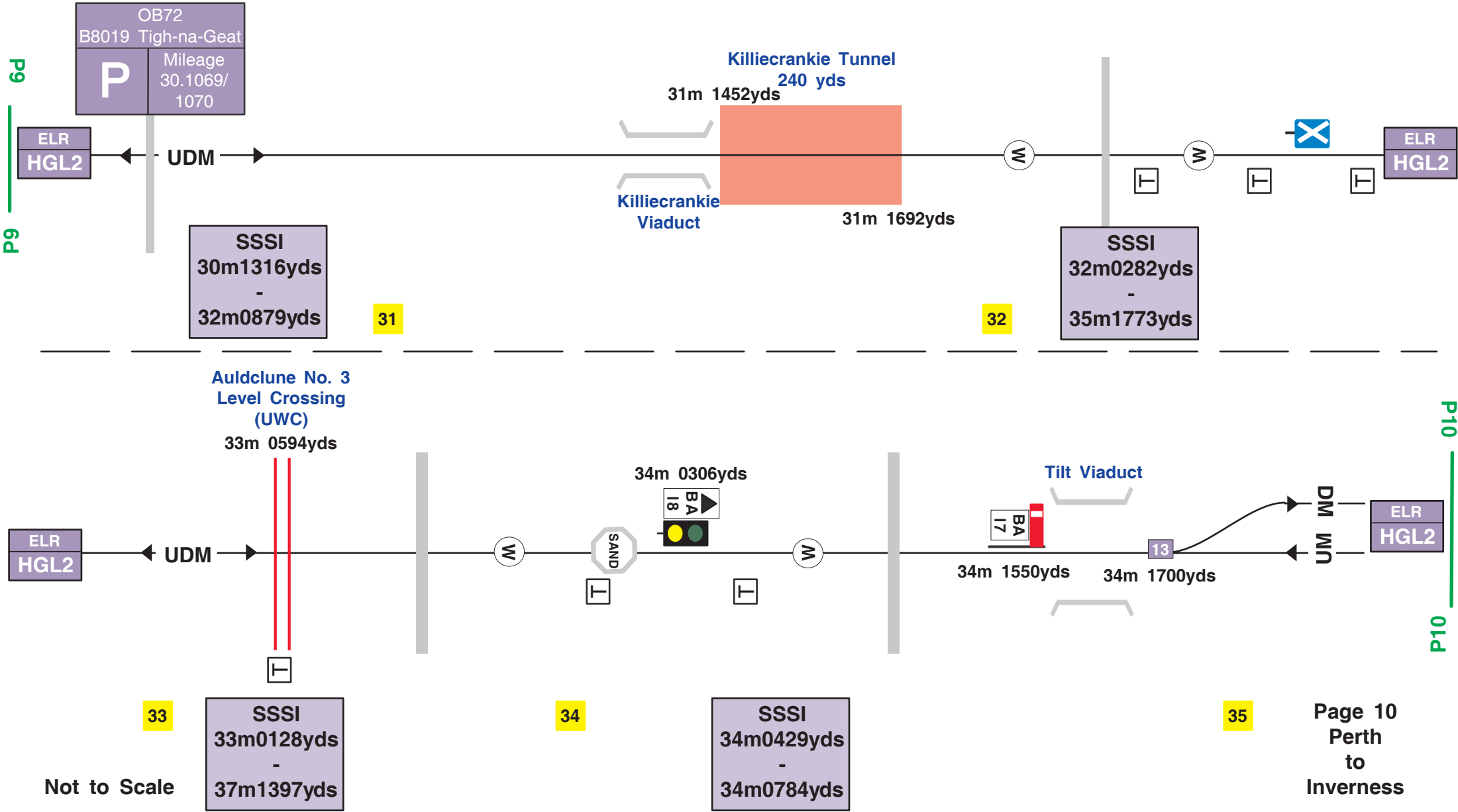


Not to Scale

UDM Up & Down Main
DM Down Main
UM Up Main

Tokenless Block applies between
Pitlochry SB & Blair Atholl SB

Tokenless Block
Blair Atholl SB (BA)



Not to Scale

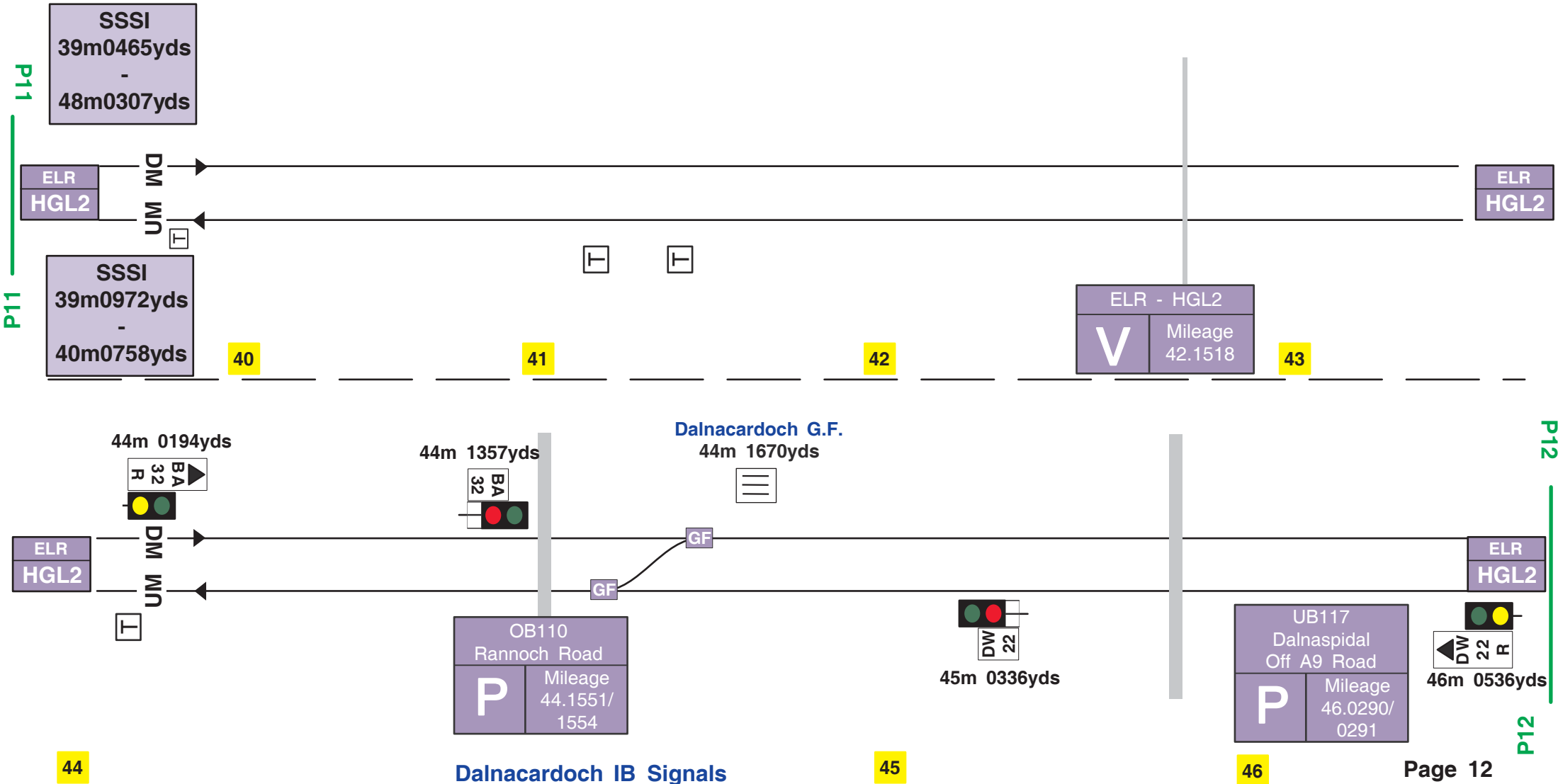
Absolute Block
Blair Atholl SB (BA)



DM Down Main
UM Up Main

**Absolute Block applies between
Blair Atholl SB & Dalwhinnie SB**

**Absolute Block
Blair Atholl SB (BA)**



Not to Scale

Dalnacardoch IB Signals
Double Intermediate Block sections
exist on both lines between Blair
Atholl SB and Dalwhinnie SB

Absolute Block
 Blair Atholl SB (BA)
 Dalwhinnie SB (DW)



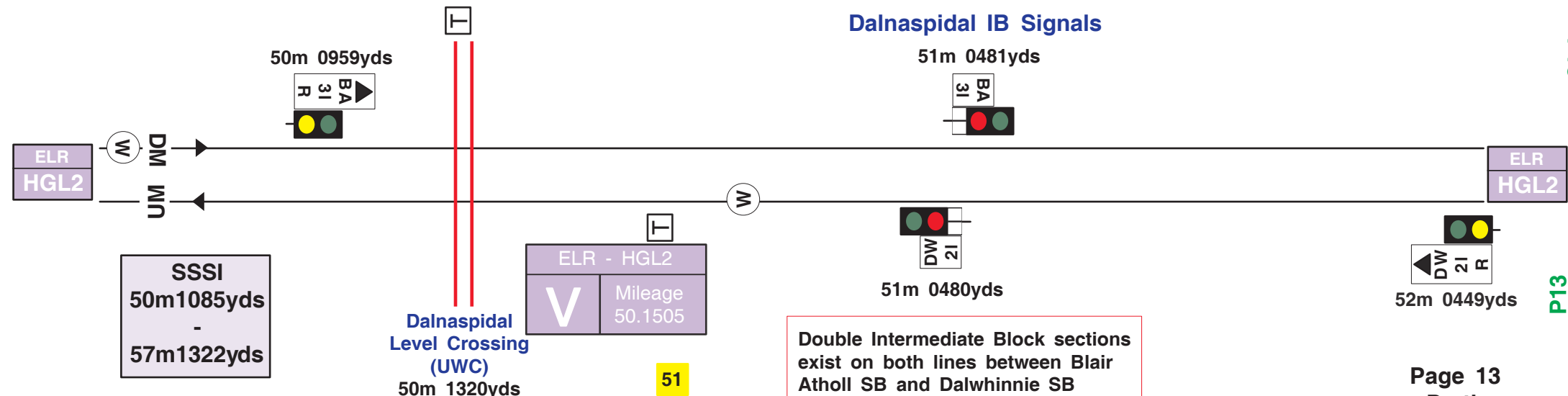
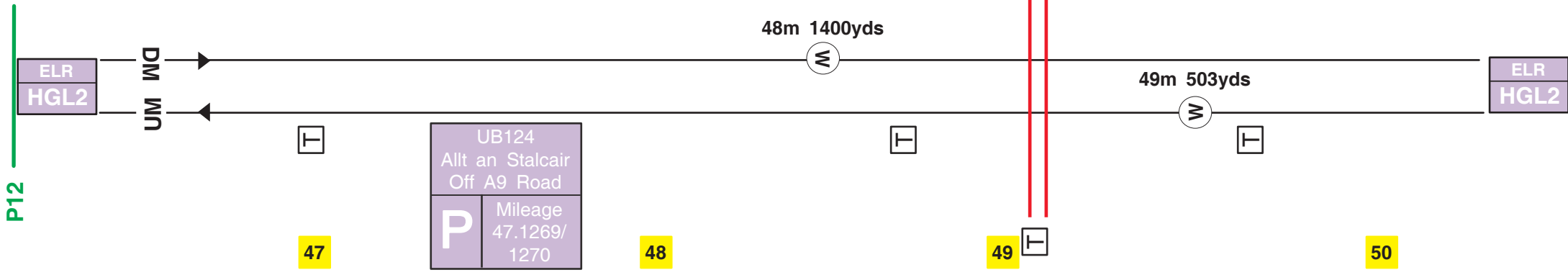
DM Down Main
UM Up Main

**Absolute Block applies between
 Blair Atholl SB & Dalwhinnie SB**

SSSI
 39m0465yds
 -
 48m0307yds

**Red Van
 Level Crossing
 (UWC)**
 49m 0066yds

P12



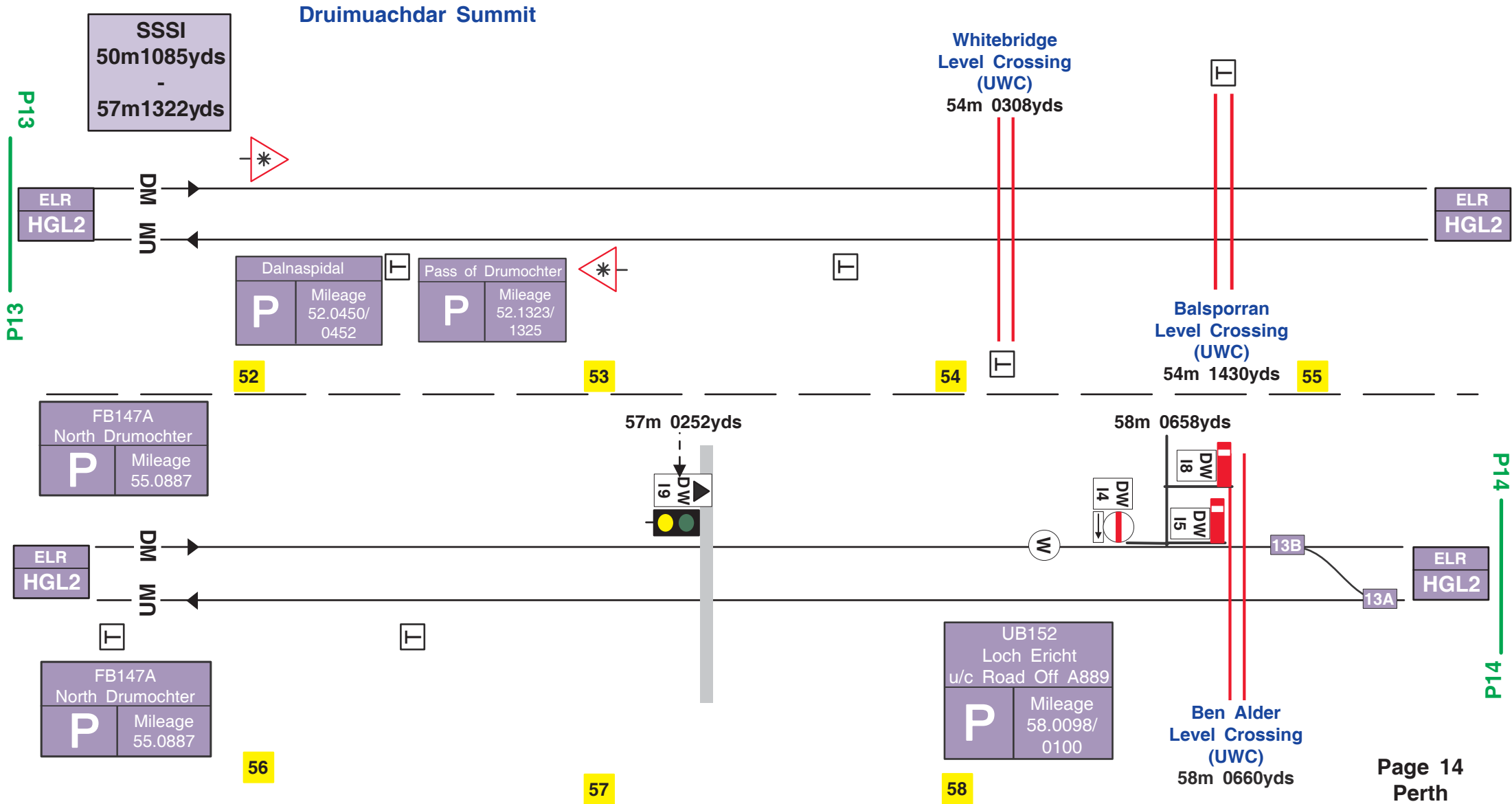
Not to Scale

**Double Intermediate Block sections
 exist on both lines between Blair
 Atholl SB and Dalwhinnie SB**

DM Down Main
UM Up Main

Absolute Block applies between
Blair Atholl SB & Dalwhinnie SB

Absolute Block
Dalwhinnie SB (DW)



Not to Scale

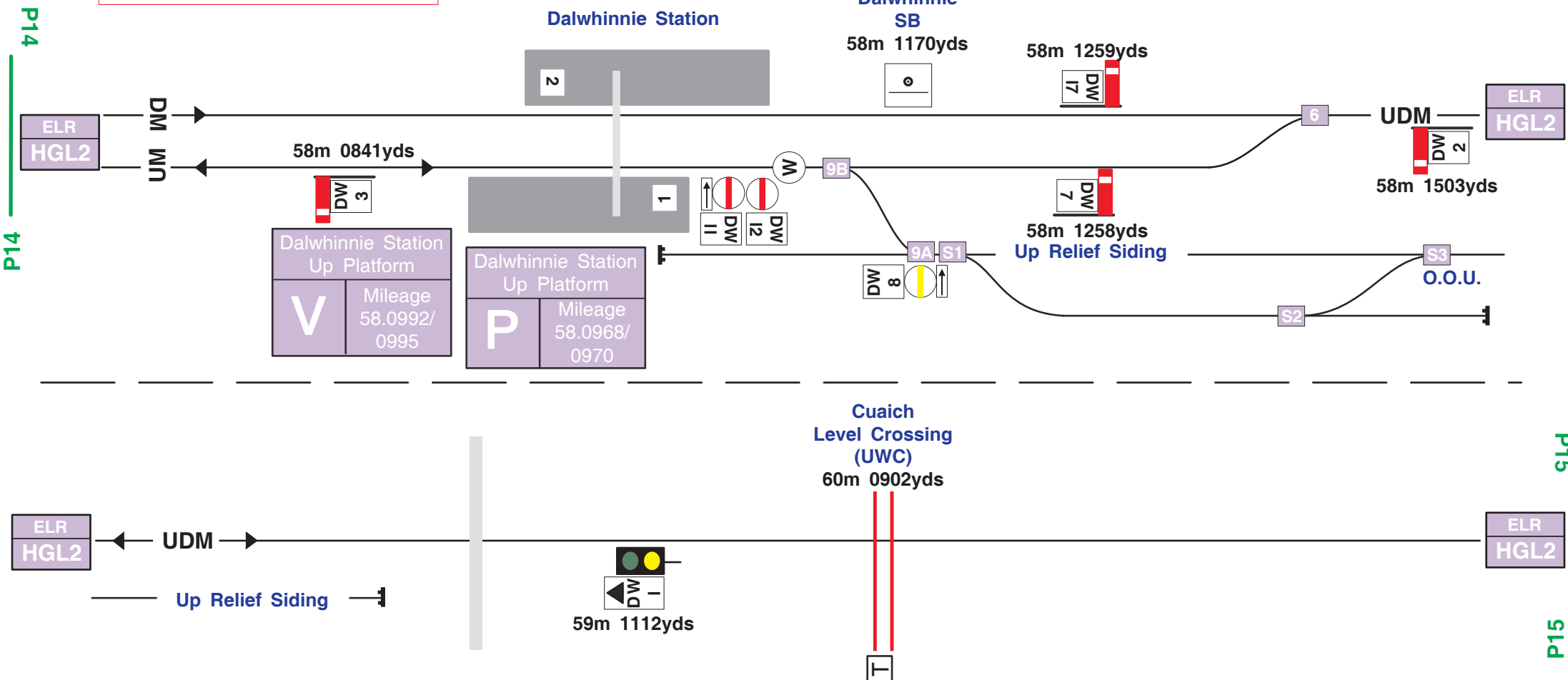
Absolute Block
Tokenless Block
Dalwhinnie SB (DW)



Tokenless Block applies between Dalwhinnie SB & Kingussie SB

DM Down Main
UM Up Main
UDM Up & Down Main

Absolute Block applies between Blair Atholl SB & Dalwhinnie SB



59

60

61

62

Not to Scale

Page 15
 Perth
 to
 Inverness

UDM Up & Down Main

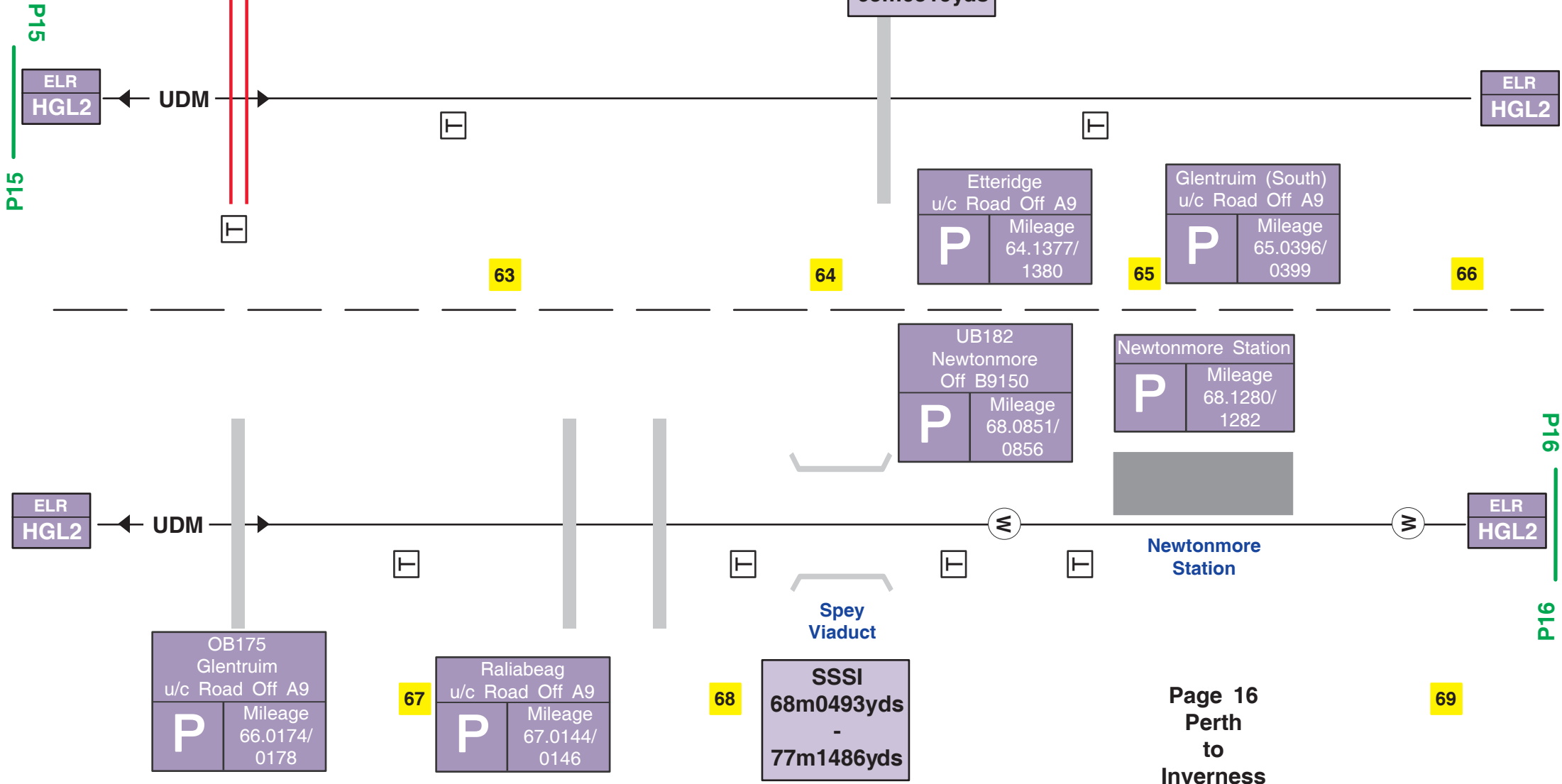
**Tokenless Block applies between
Dalwhinnie SB & Kingussie SB**

**Tokenless Block
Dalwhinnie SB (DW)**



**Inchlea
Level Crossing
(UWC)**
62m 0836yds

SSSI
64m0816yds
-
65m0519yds



Not to Scale

**Page 16
Perth
to
Inverness**

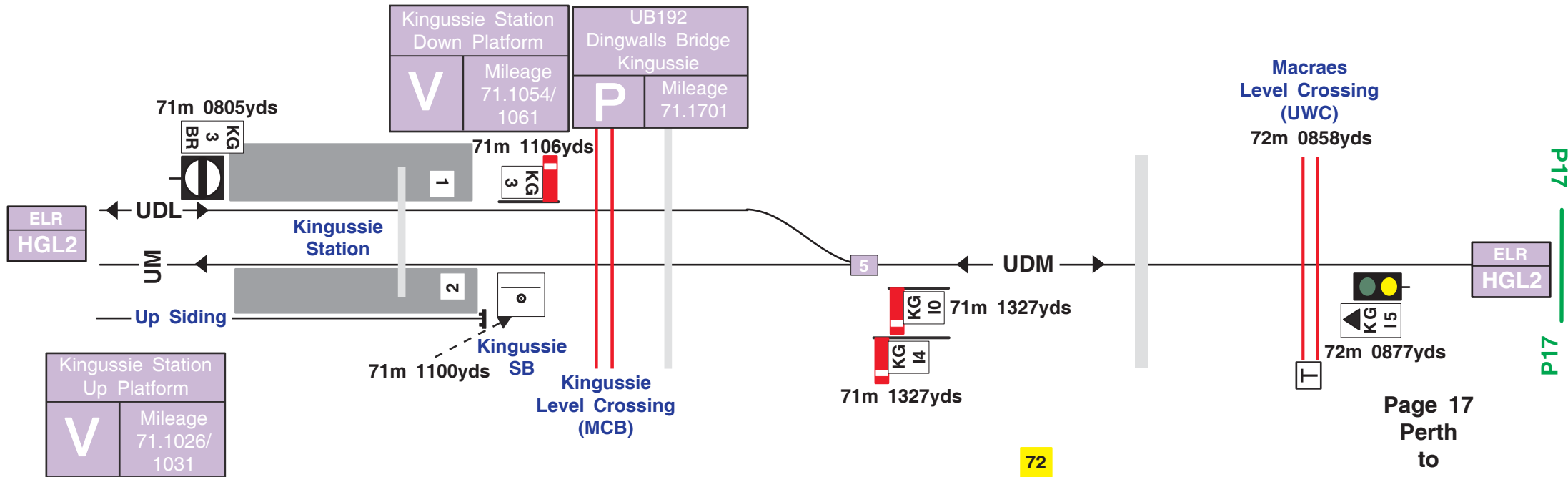
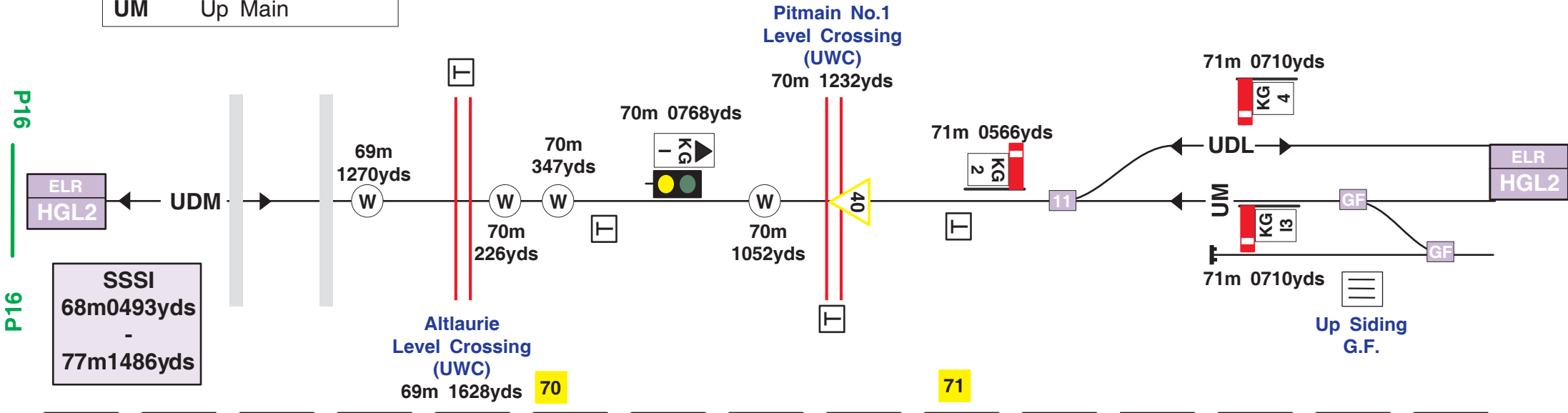
Tokenless Block
Kingussie SB (KG)



UDM Up & Down Main
UDL Up & Down Loop
UM Up Main


Tokenless Block applies between
Dalwhinnie SB & Kingussie SB

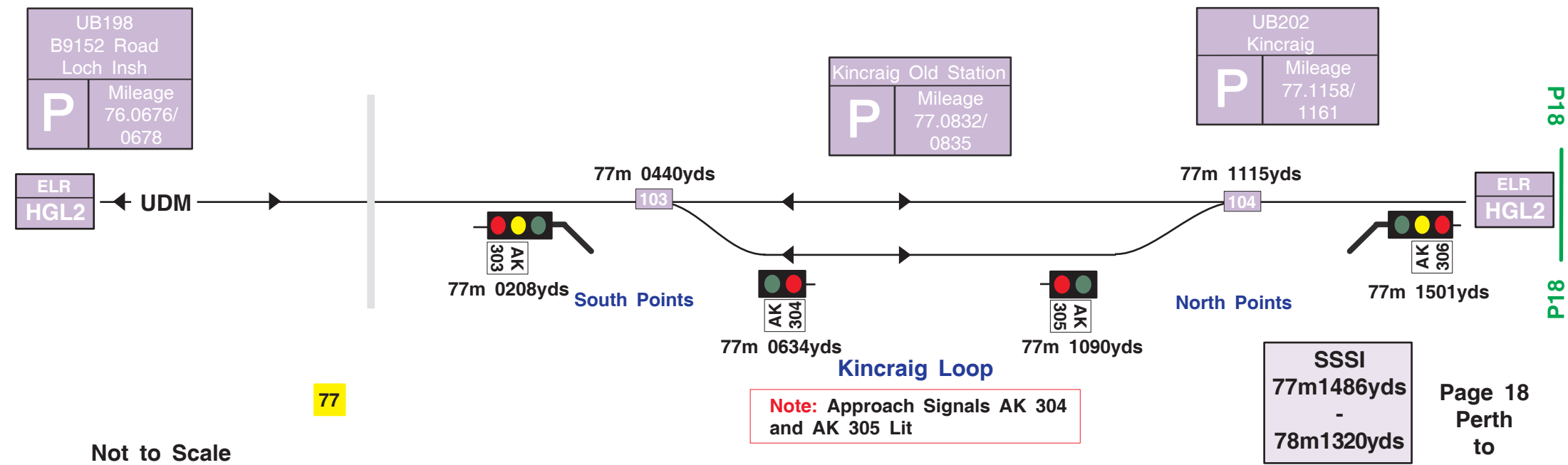
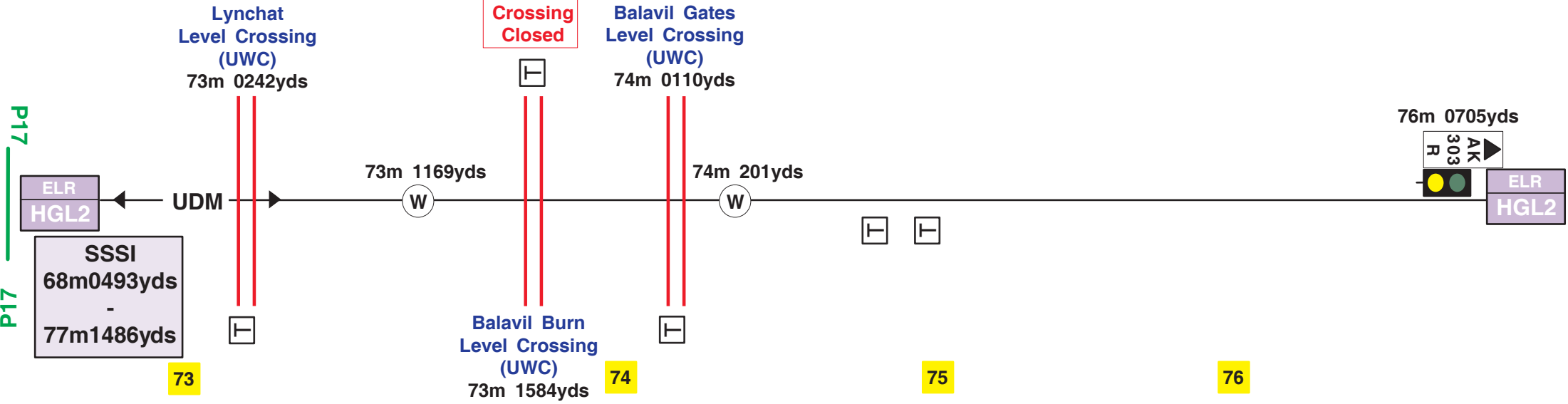
P16
P16



Not to Scale

UDM Up & Down Main

TCB
Aviemore SB (AK) (AV) 



Not to Scale

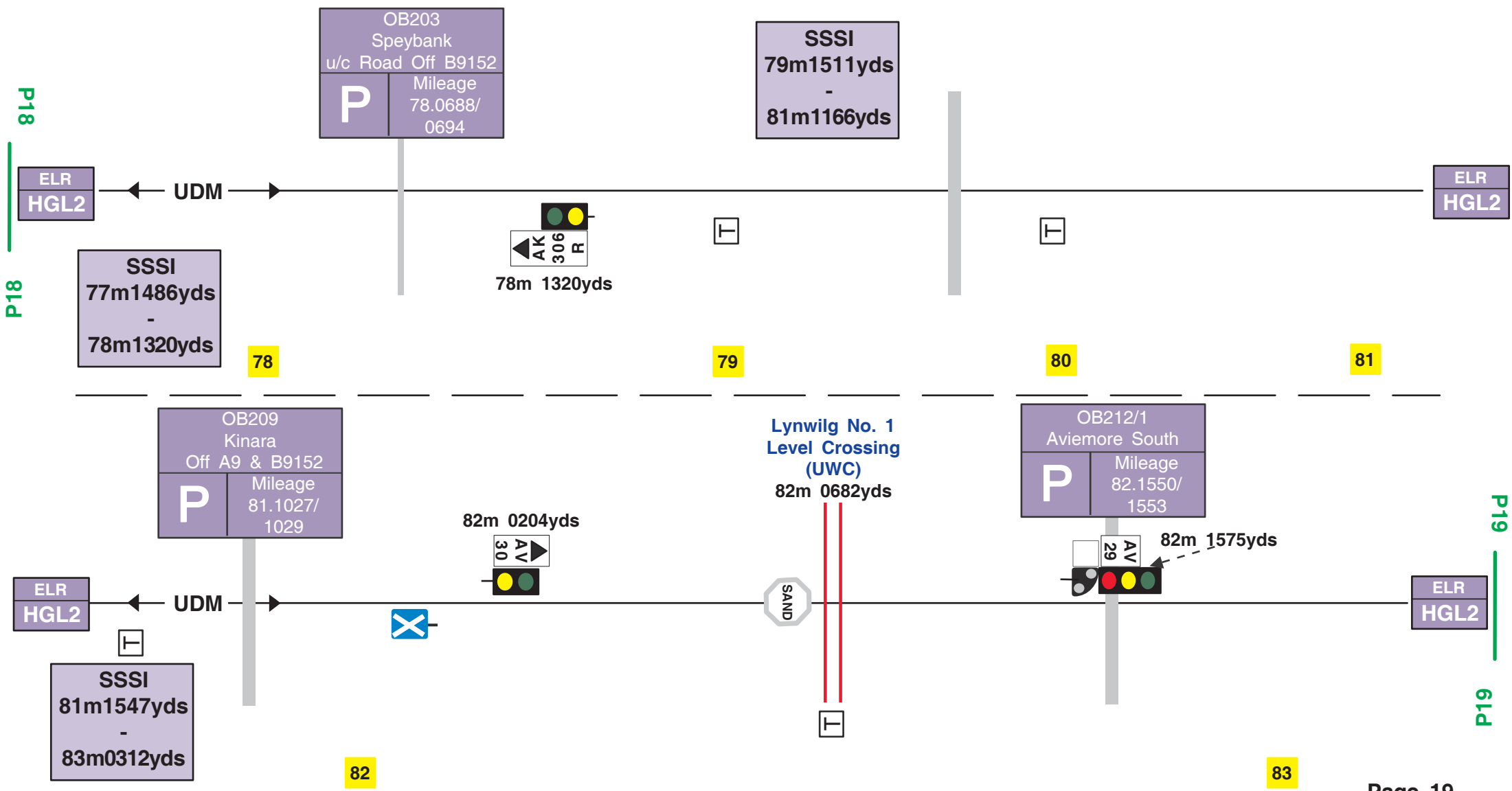
UDM Up & Down Main

TCB

Aviemore SB (AK) (AV)

NRN

094



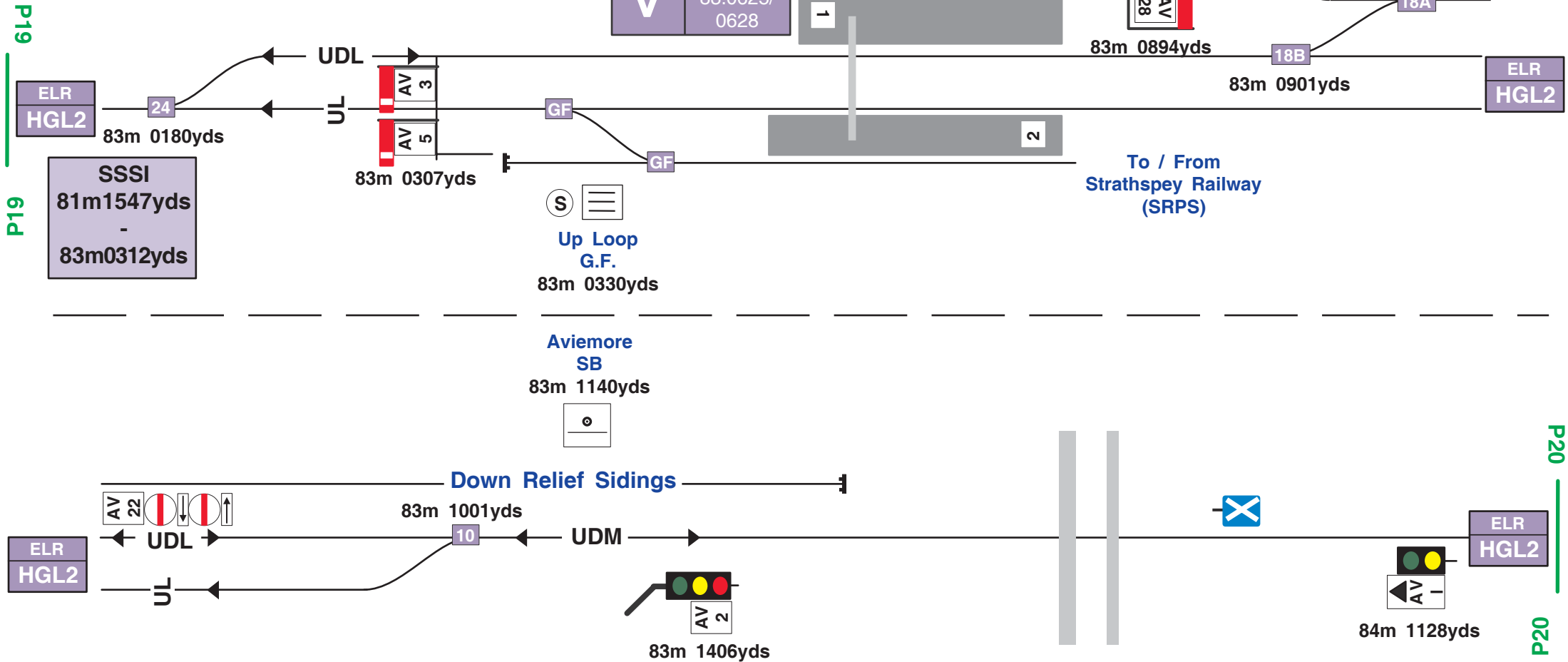
Not to Scale

UDL Up & Down Loop
UL Up Loop
UDM Up & Down Main
DRS Down Relief Sidings

Aviemore Station
 Down Platform
V
 Mileage
 83.0625/
 0628

ELR - HGL2
V
 Mileage
 83.0992

TCB
 Aviemore SB (AK) (AV) **NRN**
 094

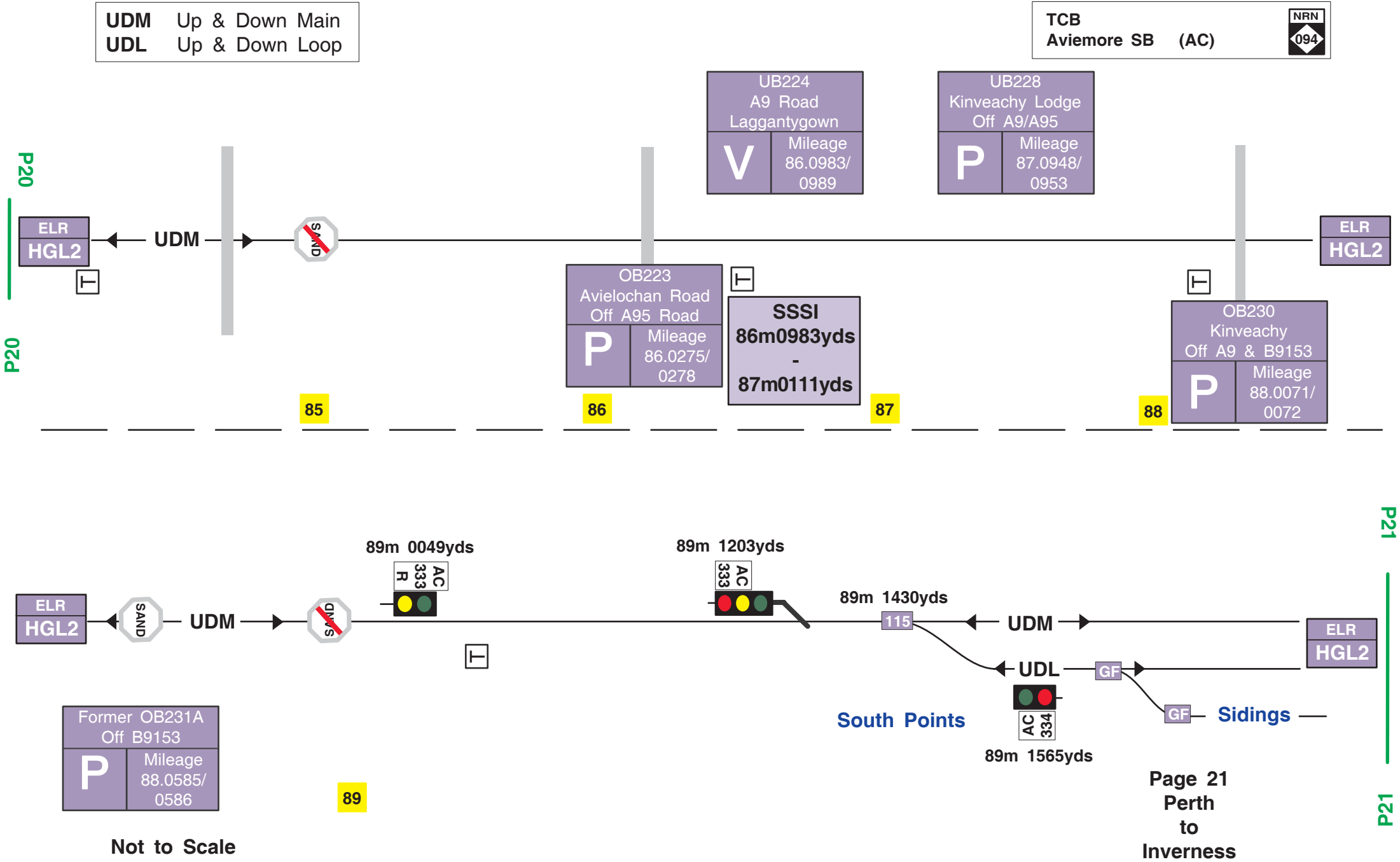


TCB

Aviemore SB (AC)

NRN

094



P20

P21

P22

TCB
Aviemore SB (AC) (AS)

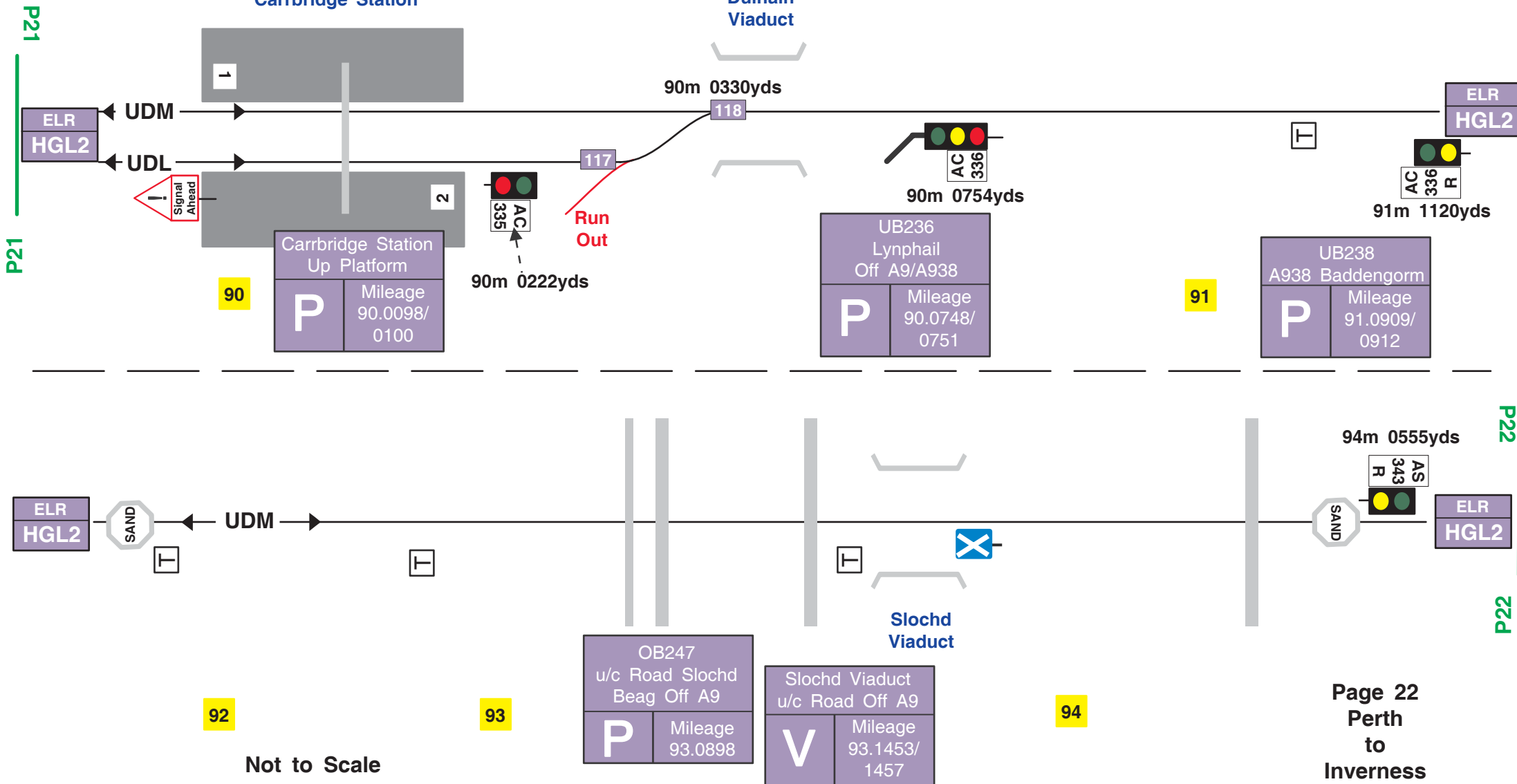


UDM Up & Down Main
UDL Up & Down Loop

North Points

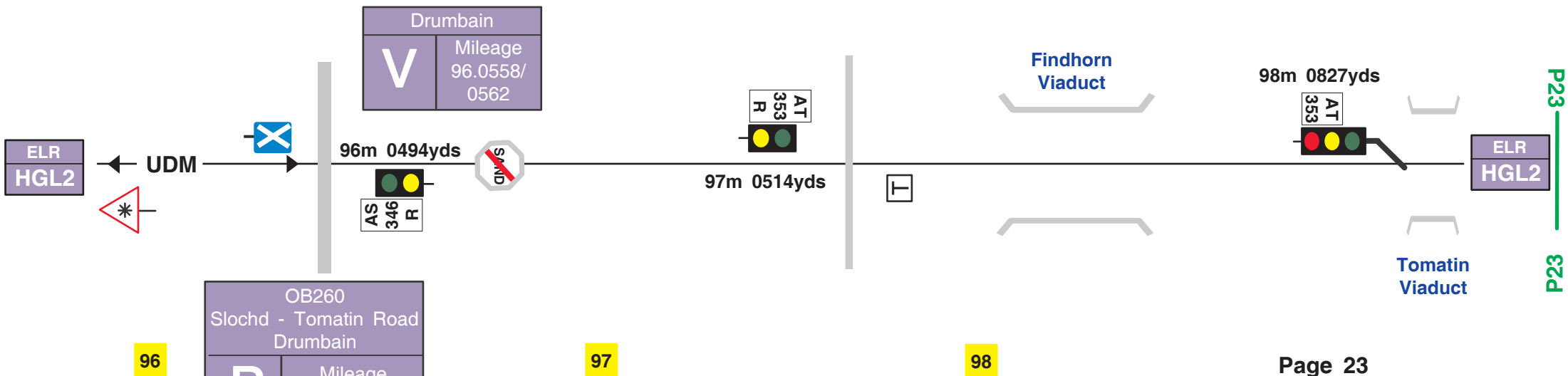
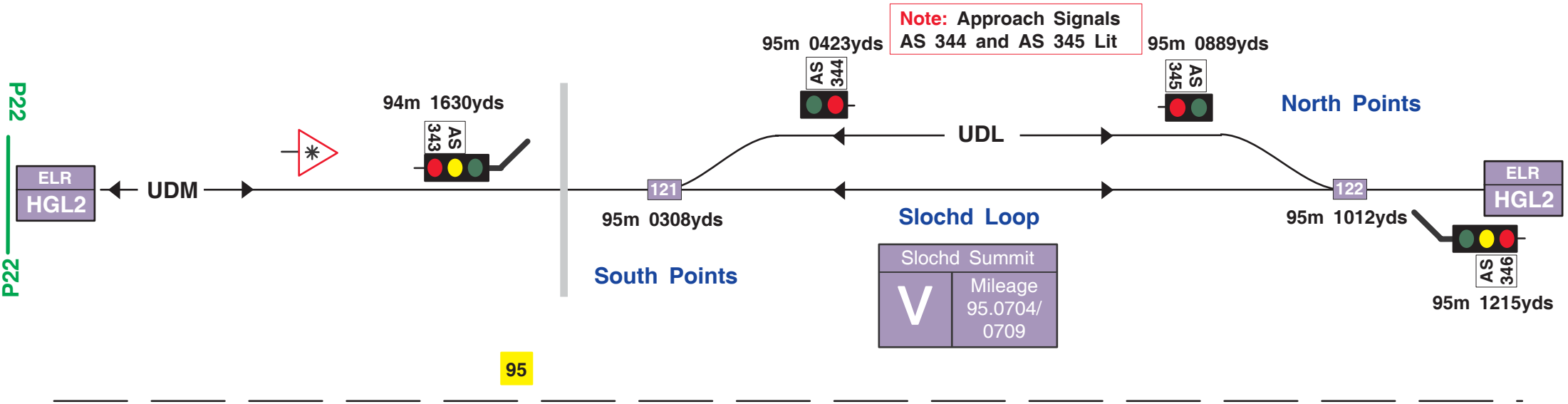
Carrbridge Station

Dulnain Viaduct



UDM Up & Down Main
UDL Up & Down Loop

TCB
Aviemore SB (AS) (AT) 



96

97

98

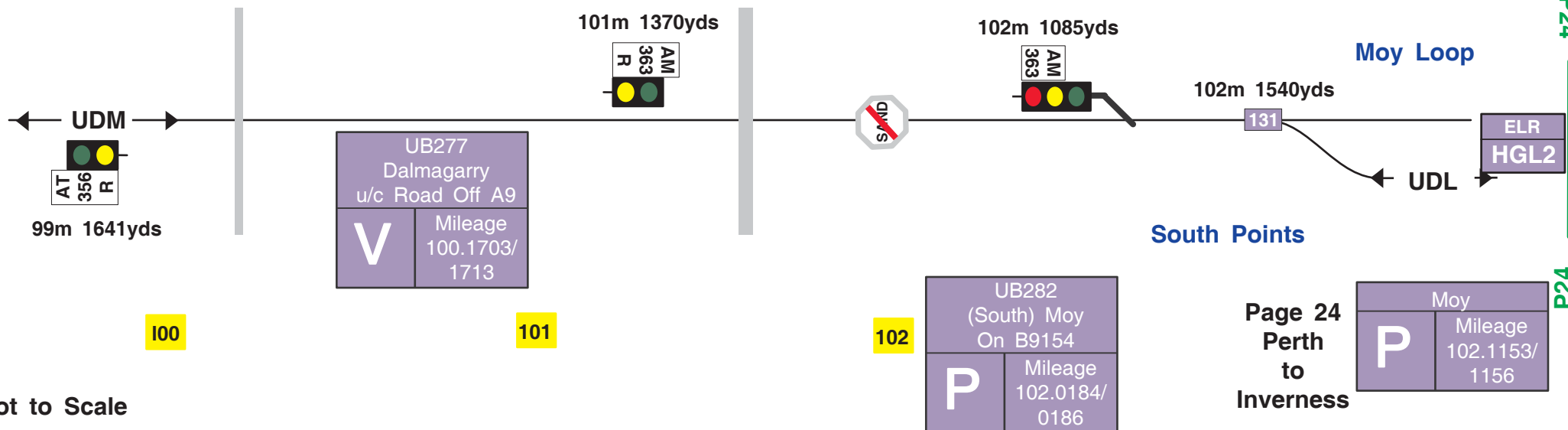
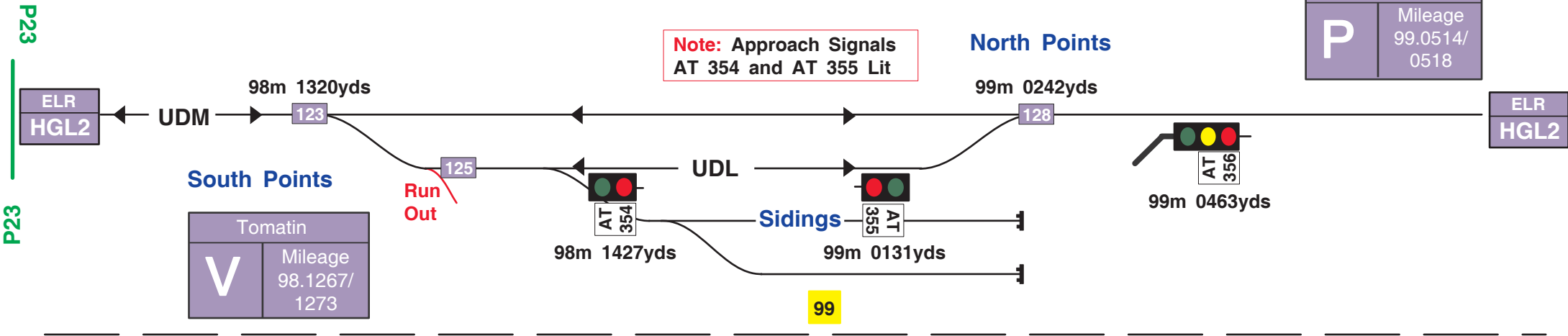
Not to Scale

UDM Up & Down Main
UDL Up & Down Loop

TCB
Aviemore SB (AT) (AM)



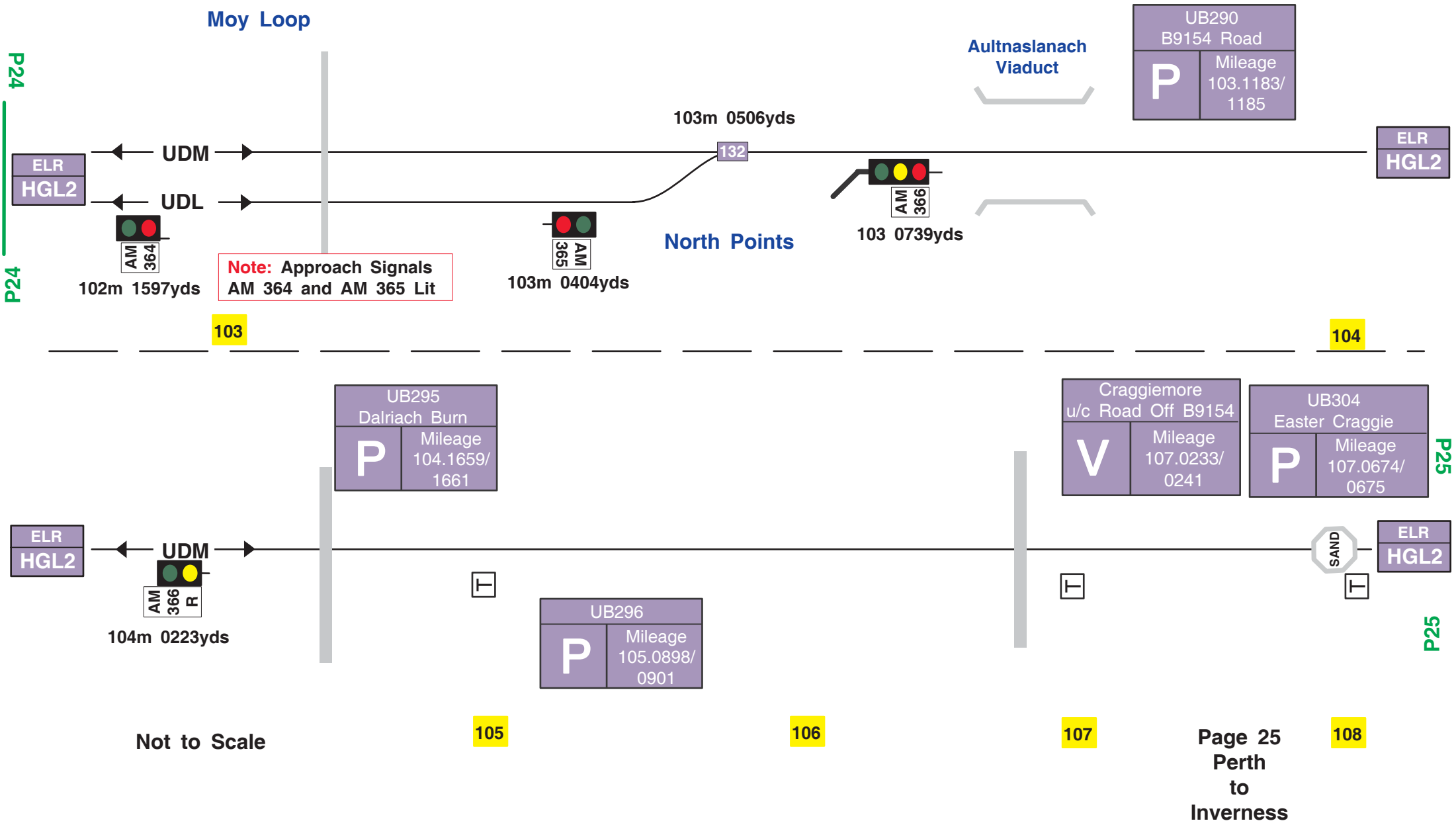
Tomatin Loop



Not to Scale

UDM Up & Down Main
UDL Up & Down Loop

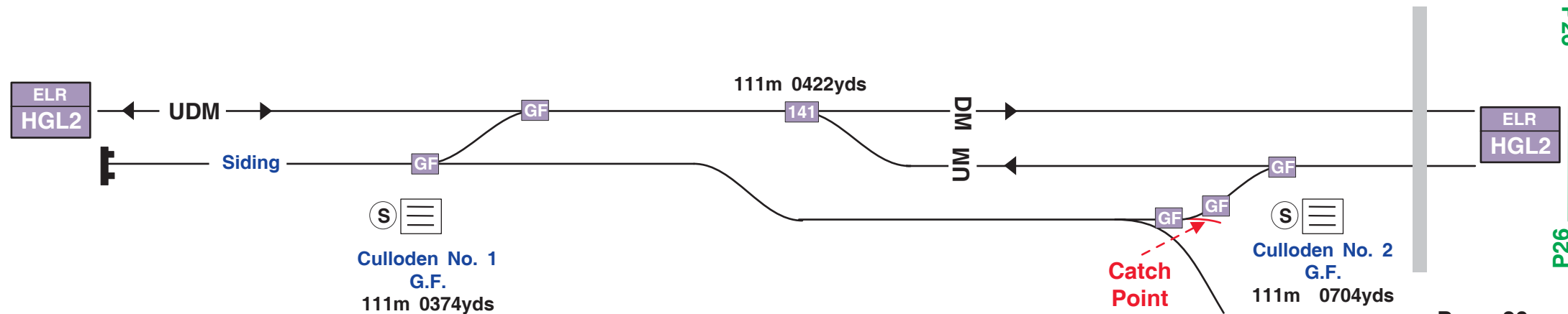
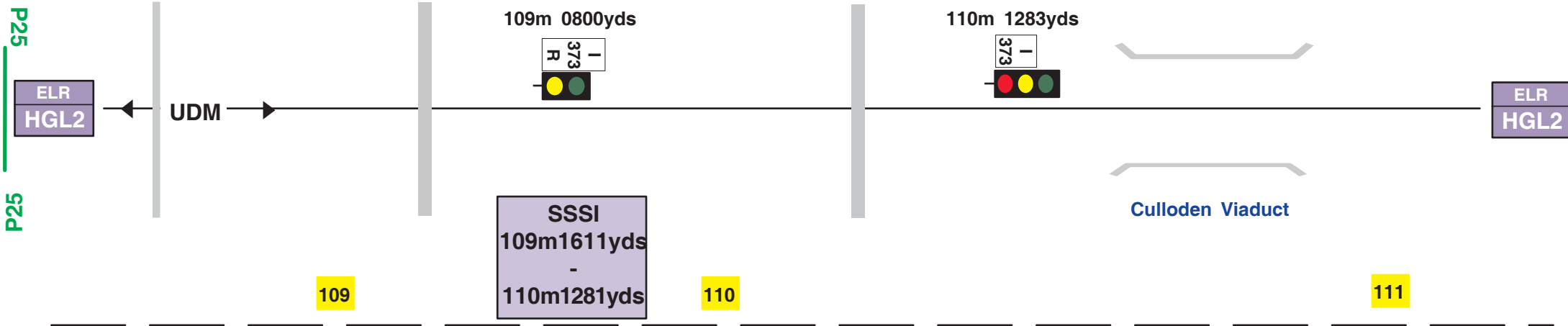
TCB
Aviemore SB (AM)



Not to Scale

UDM Up & Down Main
DM Down Main
UM Up Main

TCB
Inverness SB (I)



Not to Scale



Not to Scale

DM	Down Main
UM	Up Main
EL	East Line

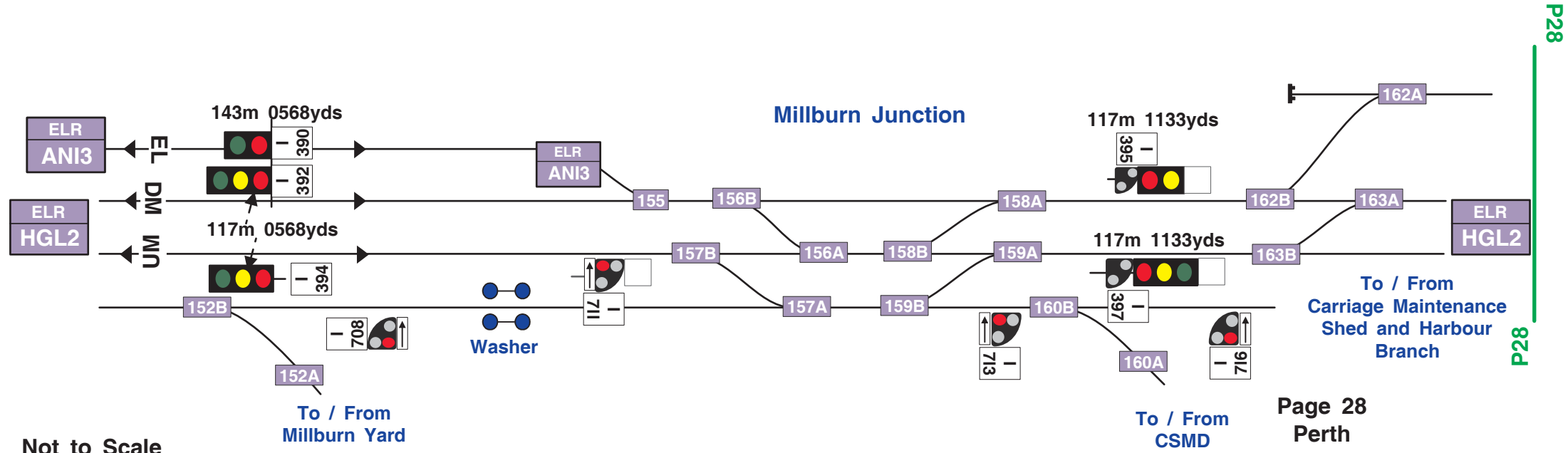
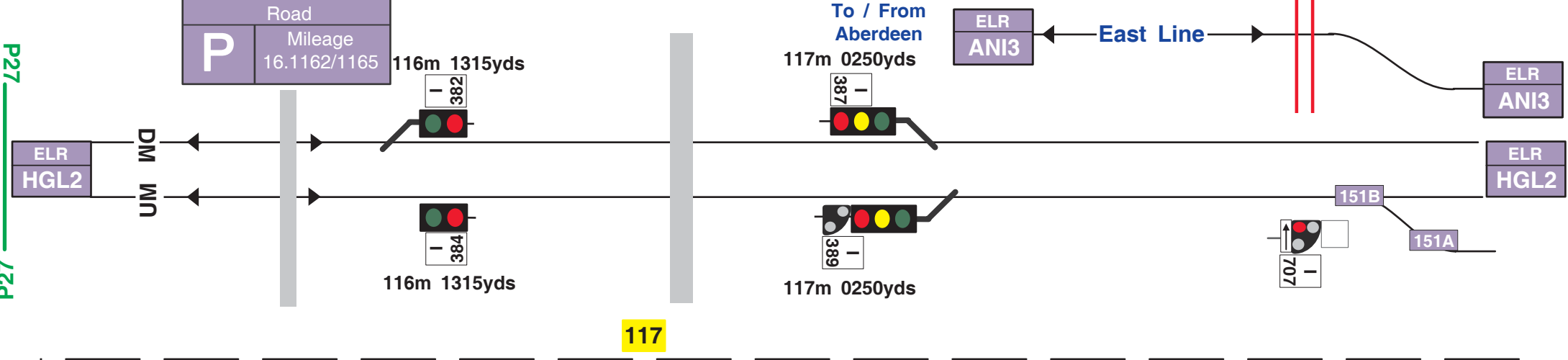
T.A.P.M.SC193 0.0.0.1.2 February 2014

TCB	Inverness SB	(I)	NRN 094
-----	--------------	-----	------------

**Raigmore
Level Crossing
(CCTV)**
143m 0198yds

P27
L27

OB346/1 A96 Inverness - Nairn Road	
P	Mileage 16.1162/1165



P28

824

Not to Scale

TCB
Inverness SB (I)



Welsh's Bridge Junction

DM Down Main
UM Up Main
RC Rose Street Curve

Inverness Station
Platform 1
V Mileage
117.1760

