

REV	DATE	DESCRIPTION	MCG	MNA/MPT	CCS
V01	May 2021	PUBLIC CONSULTATION			

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 Survey No. 0039720 (OSi Aerial Data or OSi Lidar Data) & Survey No. 2021081\_NMA\_180 (OSi Vector Data).  
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 All Co-ordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSi active GPS station Tallaght College (TLG0).

Client: **Tionscadal Éireann Project Ireland 2040**, **NTA** (Udarás Náisiúnta Iompar), **Iarnród Éireann Irish Rail**

Consultant: **IDOM**, **PRO3**, **PROD** (ROUGHAN & O'DONOVAN)

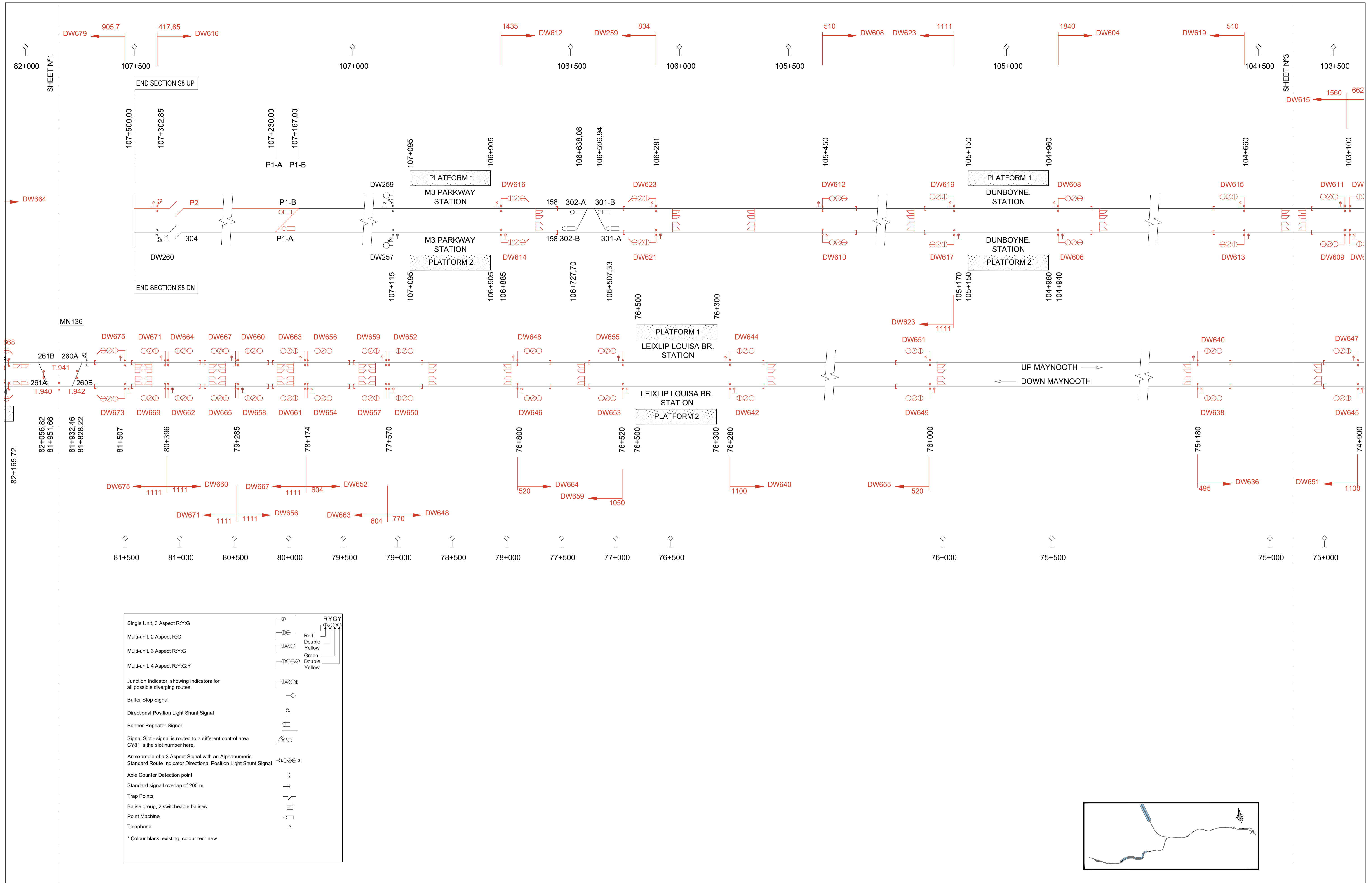
Project: **DART+ West**

Drawing Title: **SET SIGNALLING SCHEME**

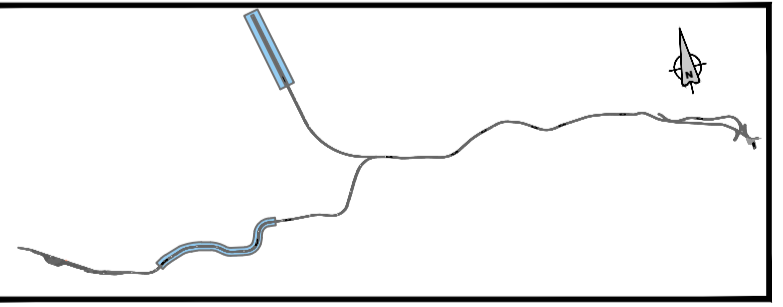
Scale: NTS @ A3

Drawing Number: **MAY MDC SIG ROUT DR Z 0002 B**

Date: May 2021 | Job No: P/101086 | Status: S4 Suitable for Acceptance | Rev: V01 | Sheet: 01 of 13



Single Unit, 3 Aspect R:Y:G	
Multi-unit, 2 Aspect R:G	
Multi-unit, 3 Aspect R:Y:G	
Multi-unit, 4 Aspect R:Y:G:Y	
Junction Indicator, showing indicators for all possible diverging routes	
Buffer Stop Signal	
Directional Position Light Shunt Signal	
Banner Repeater Signal	
Signal Slot - signal is routed to a different control area CY61 is the slot number here.	
An example of a 3 Aspect Signal with an Alphanumeric Standard Route Indicator Directional Position Light Shunt Signal	
Axle Counter Detection point	
Standard signall overlap of 200 m	
Trap Points	
Balise group, 2 switchable balises	
Point Machine	
Telephone	
* Colour black: existing, colour red: new	



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Client: **Tionscadal Éireann Project Ireland 2040**

Project: **Iarnród Éireann Irish Rail**

Consultant: **IDOM** and **PROD**

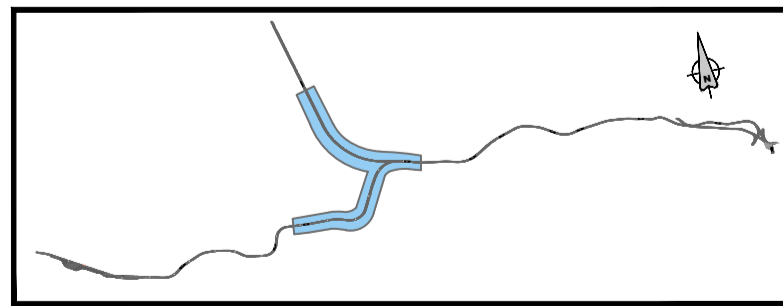
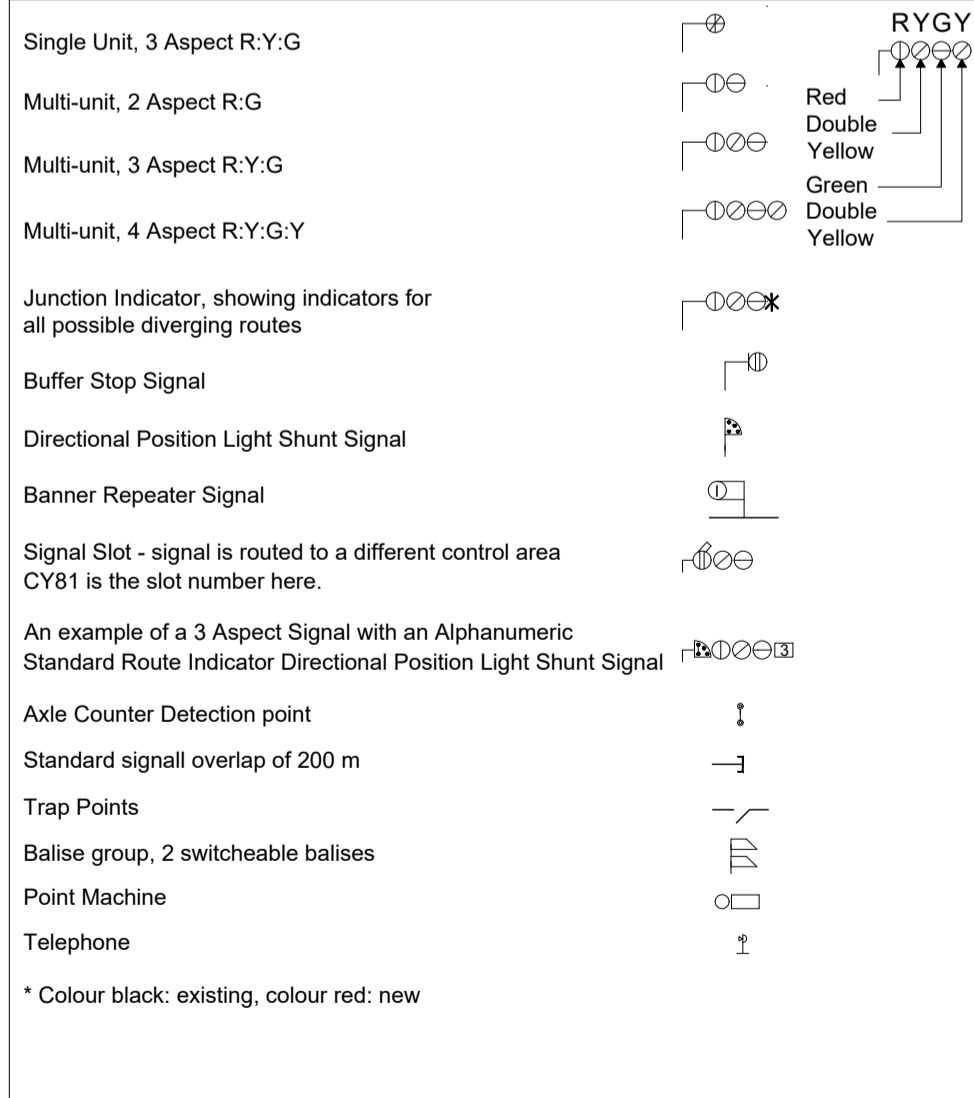
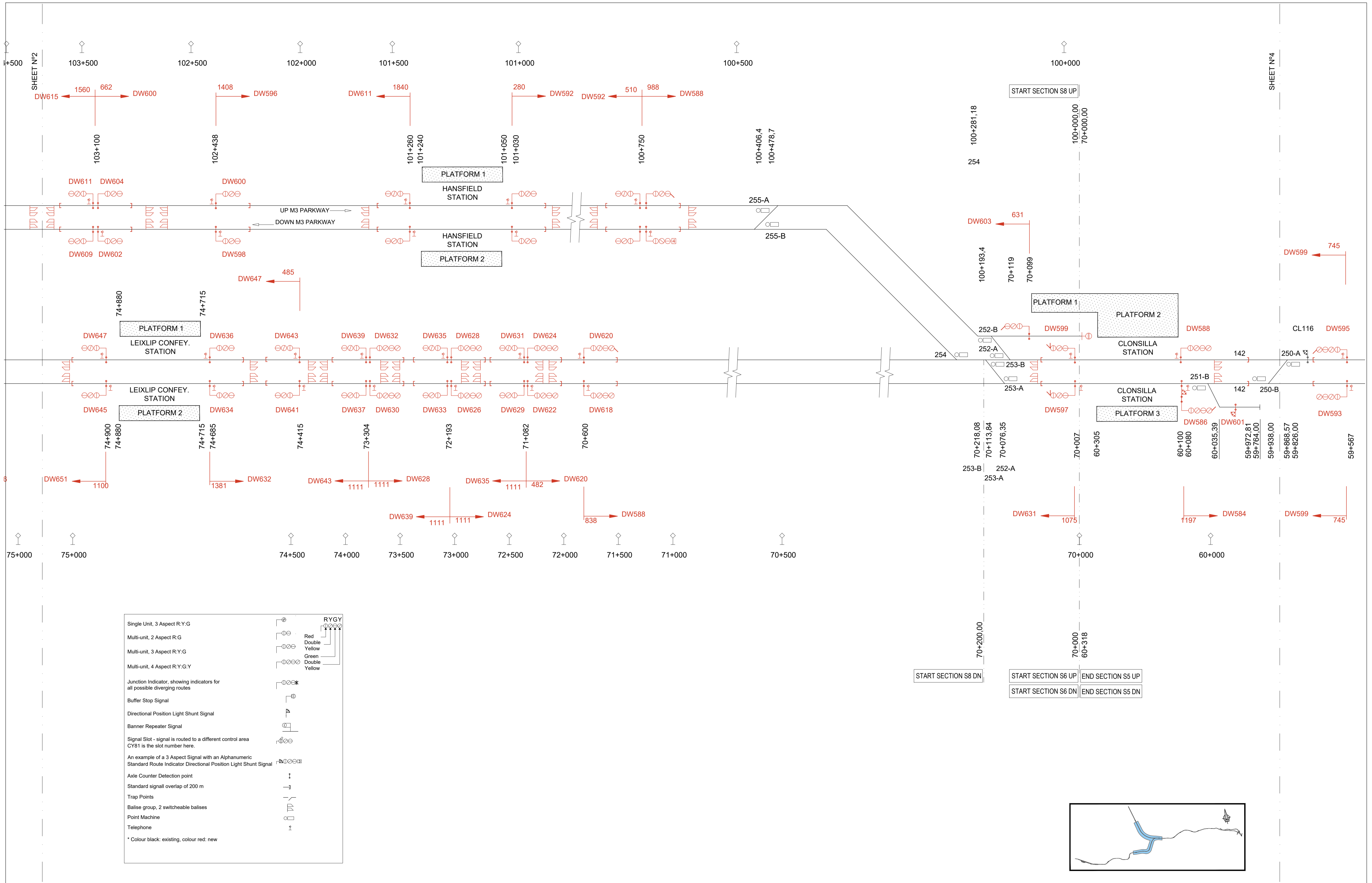
Project: **DART+ West**

Drawing Title: **SET SIGNALLING SCHEME**

Scale: NTS @ A3

Drawing Number: **MAY MDC SIG ROUT DR Z 0002 B**

Date: May 2021 | Job No: P/101086 | Status: S4 Suitable for Acceptance | Rev: V01 | Sheet: 02 of 13



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Client

Consultant

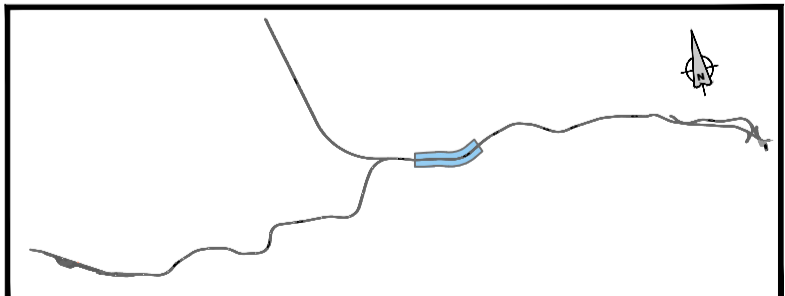
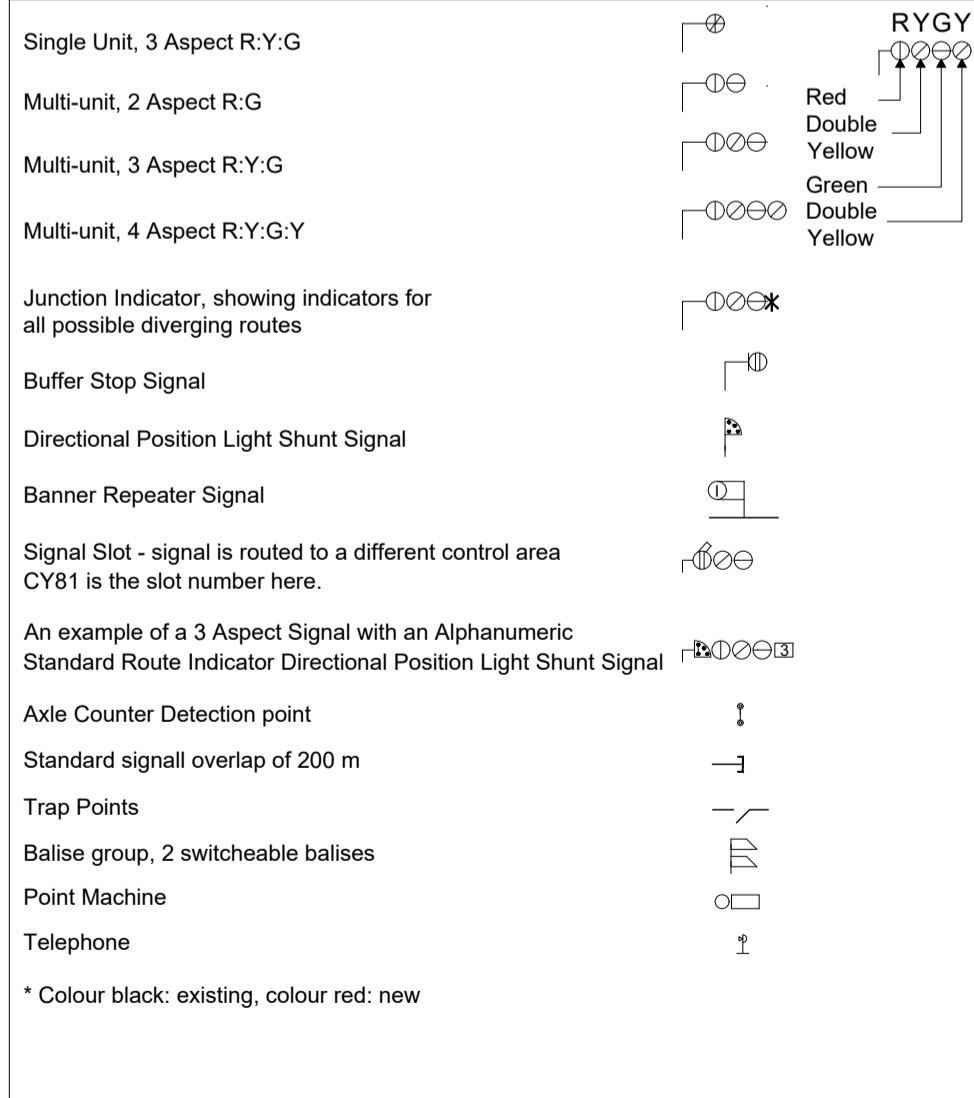
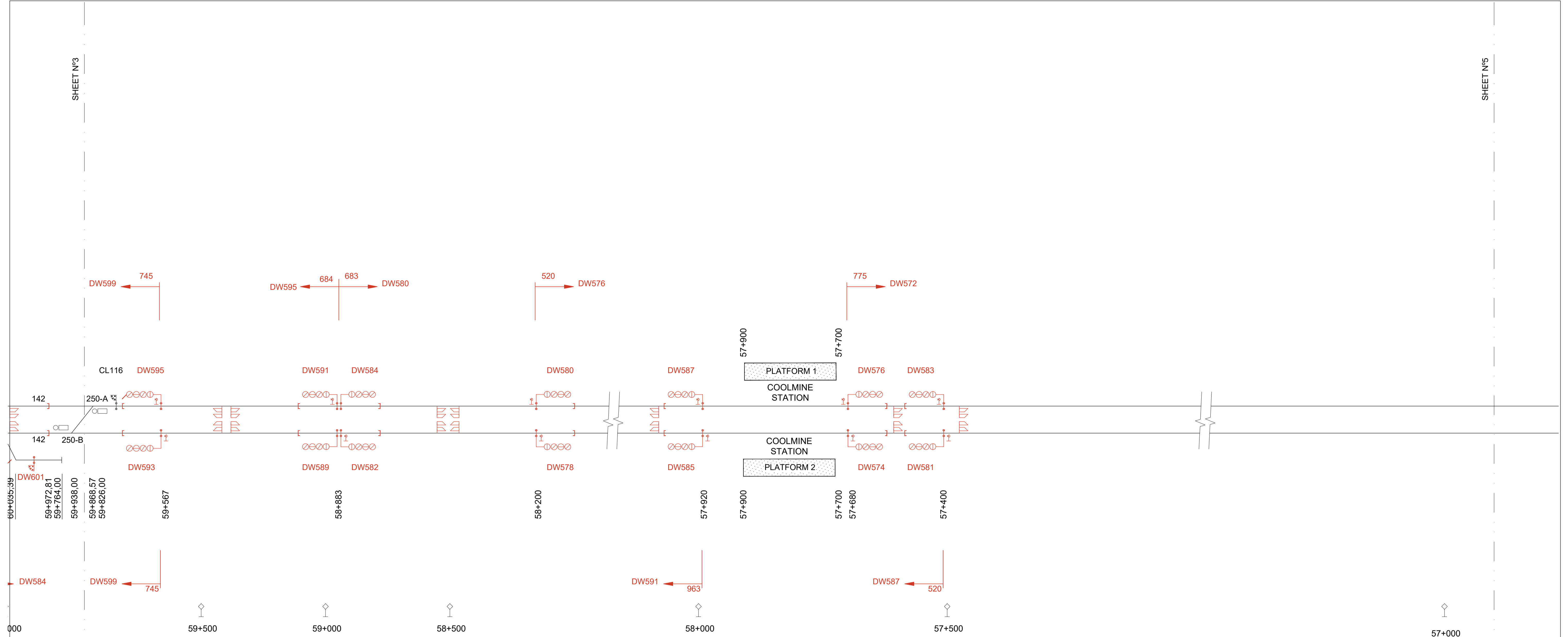
Project

Drawing Title: SET SIGNALLING SCHEME

Scale: NTS @ A3

Drawing Number: MAY MDC SIG ROUT DR Z 0002 B

Date: May 2021 | Job No: P/101086 | Status: S4 Suitable for Acceptance | Rev: V01 | Sheet: 03 of 13



REV	DATE	DESCRIPTION	MCG	MNA/MPT	CCS
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Client: **Tionscatal Éireann Project Ireland 2040**, **NTA** (Údarás Náisiúnta Iompar Náisiúnta)

Consultant: **IDOM**, **G3**, **PROD** (ROUGHAN & O'DONOVAN)

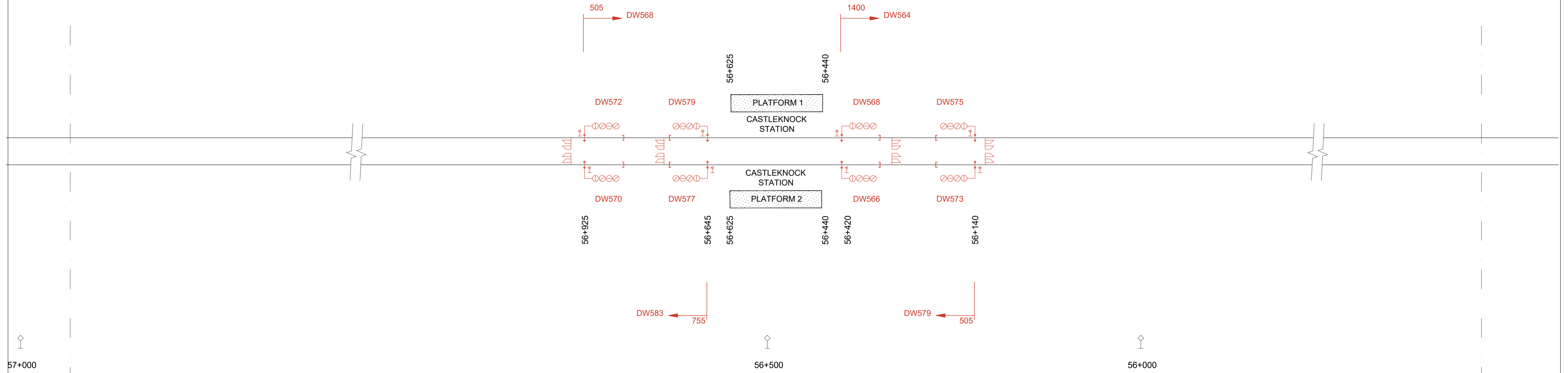
Project: **DART+ West**

Drawing Title: **SET SIGNALLING SCHEME**

Scale: NTS @ A3

Drawing Number: **MAY MDC SIG ROUT DR Z 0002 B**

Date: May 2021 | Job No: P/101086 | Status: S4 Suitable for Acceptance | Rev: V01 | Sheet: 04 of 13



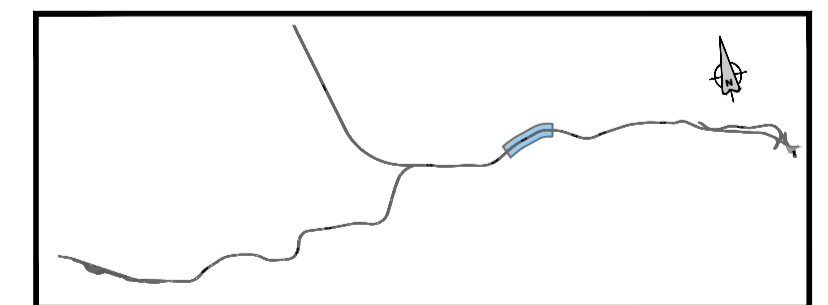
57+000

56+500

56+000

Single Unit, 3 Aspect R:Y:G		RYGY
Multi-unit, 2 Aspect R:G		Red
Multi-unit, 3 Aspect R:Y:G		Double Yellow
Multi-unit, 4 Aspect R:Y:G:Y		Green
		Double Yellow
Junction Indicator, showing indicators for all possible diverging routes		
Buffer Stop Signal		
Directional Position Light Shunt Signal		
Banner Repeater Signal		
Signal Slot - signal is routed to a different control area CY&1 is the slot number here.		
An example of a 3 Aspect Signal with an Alphanumeric Standard Route Indicator Directional Position Light Shunt Signal		
Axle Counter Detection point		
Standard signall overlap of 200 m		
Trap Points		
Balise group, 2 switchable balises		
Point Machine		
Telephone		

\* Colour black: existing, colour red: new



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Client

Consultant

Project

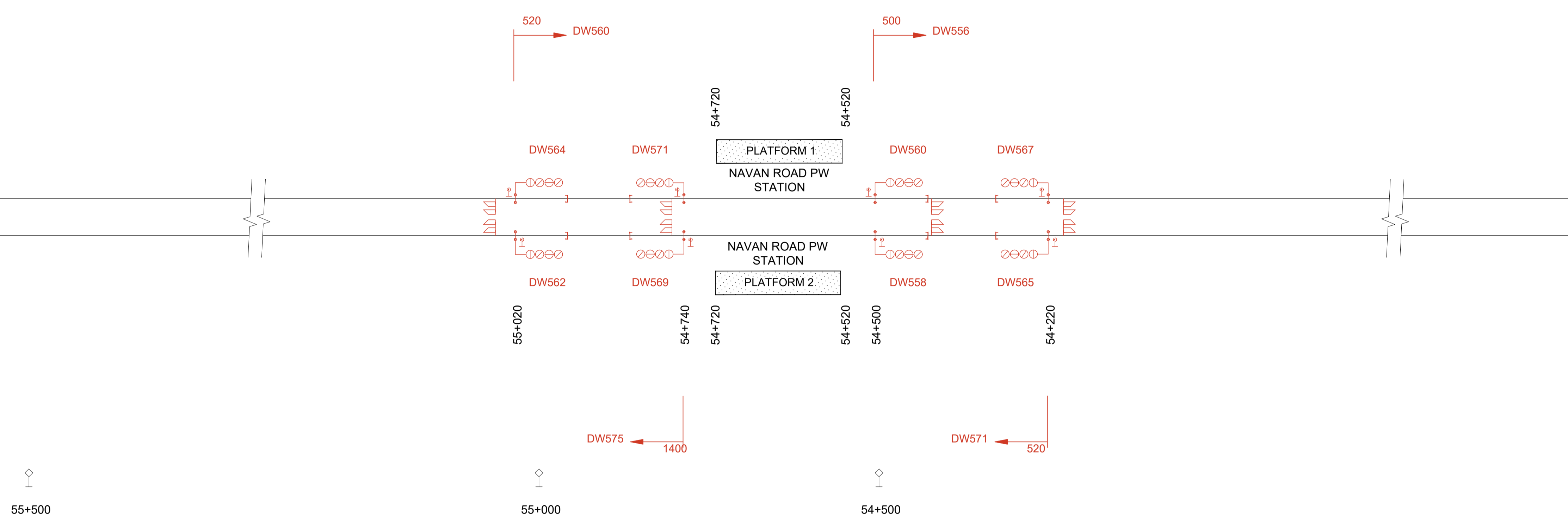
Drawing Title

### SET SIGNALLING SCHEME

Scale: NTS @ A3

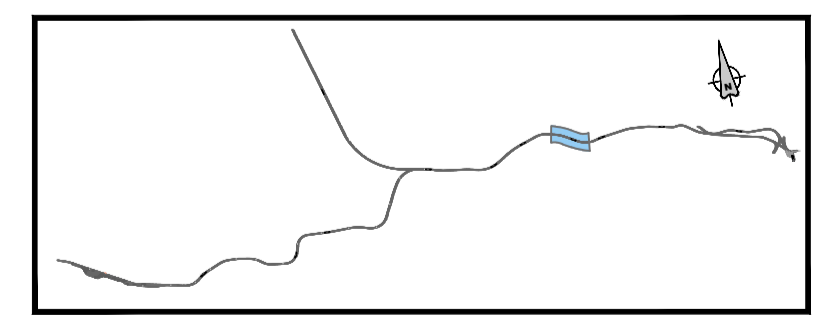
Drawing Number: MAY MDC SIG ROUT DR Z 0002 B

Date: May 2021 Job No: P/101086 Status: S4 Suitable for Acceptance Rev: V01 Sheet: 05 of 13



Single Unit, 3 Aspect R:Y:G		RYGY
Multi-unit, 2 Aspect R:G		Red
Multi-unit, 3 Aspect R:Y:G		Double Yellow
Multi-unit, 4 Aspect R:Y:G:Y		Green Double Yellow
Junction Indicator, showing indicators for all possible diverging routes		
Buffer Stop Signal		
Directional Position Light Shunt Signal		
Banner Repeater Signal		
Signal Slot - signal is routed to a different control area CY&1 is the slot number here.		
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Client

Consultant

Project

Drawing Title

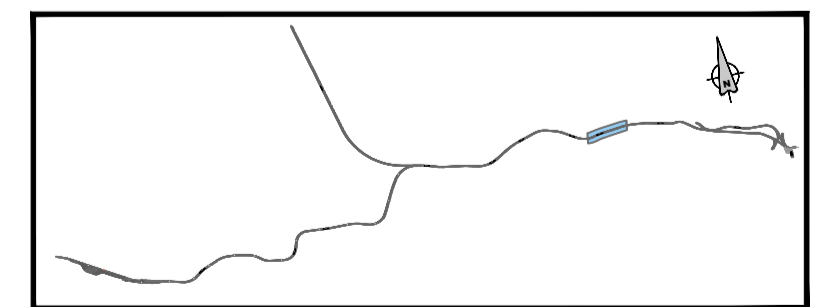
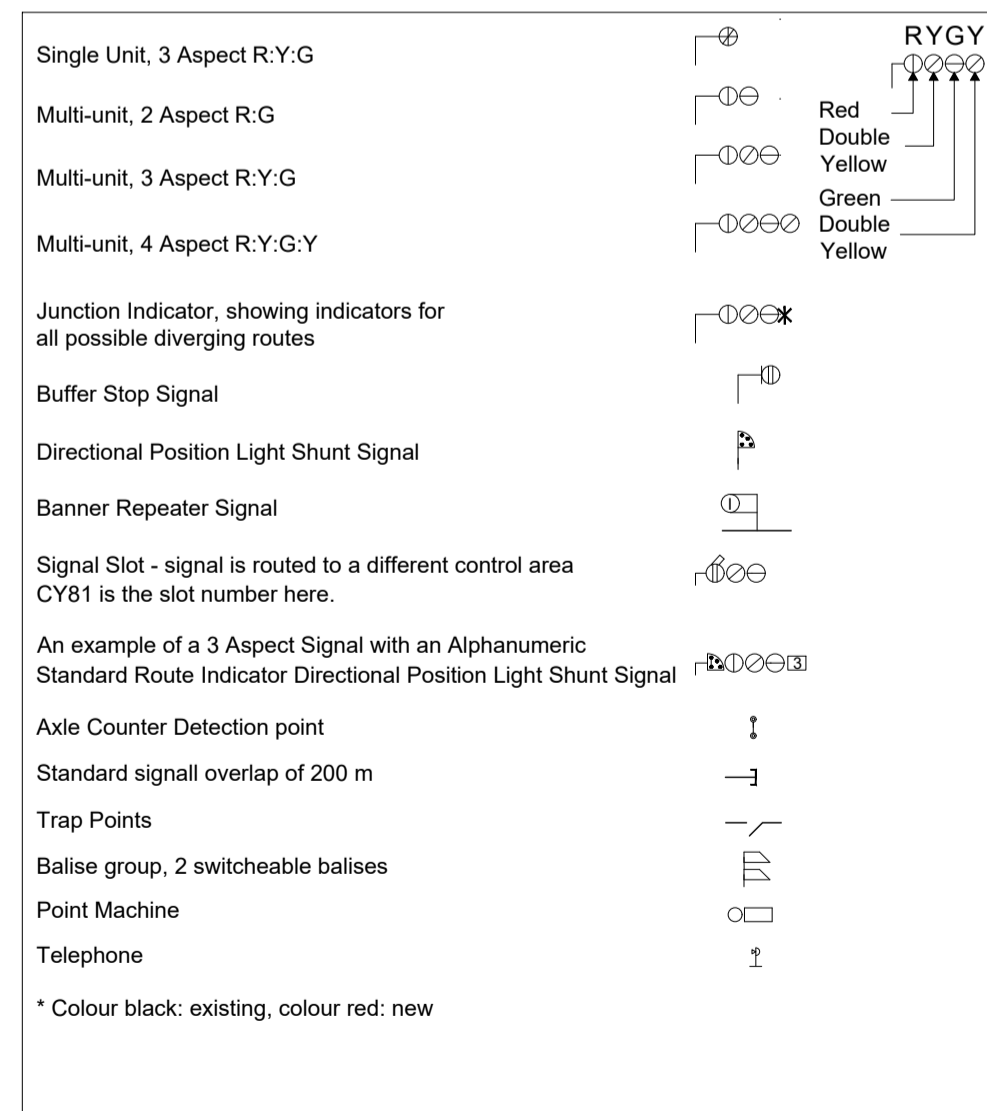
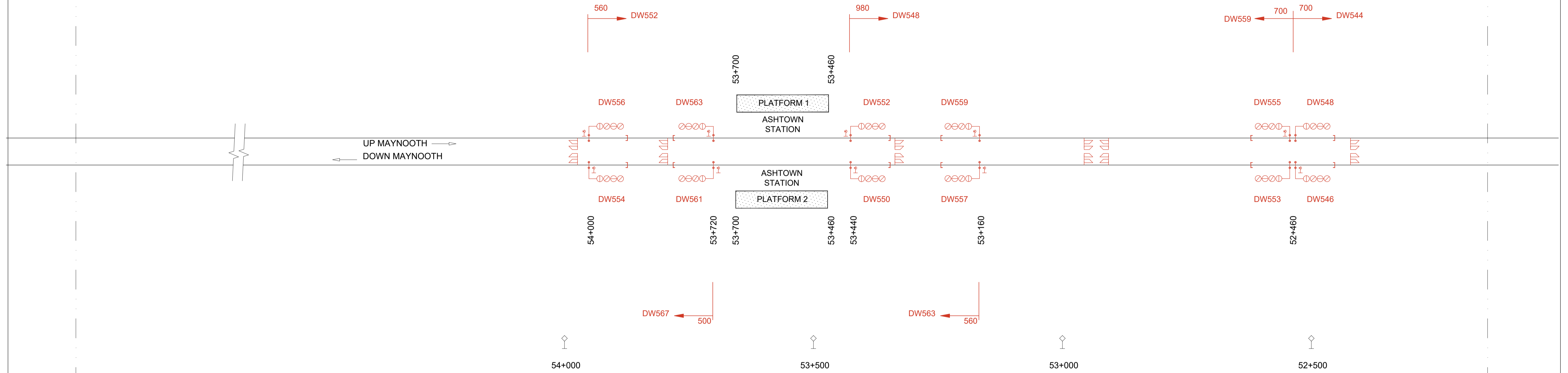
### SET SIGNALLING SCHEME

Scale: NTS @ A3

Drawing Number | Project | Originator | Discipline | Location | Type | Role | Number | Phase

MAY MDC SIG ROUT DR Z 0002 B

Date: May 2021 | Job No: P/101086 | Status: S4 Suitable for Acceptance | Rev: V01 | Sheet: 06 of 13



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Client:

Consultant:

Project:

Drawing Title: SET SIGNALLING SCHEME

Scale: NTS @ A3

Drawing Number: MAY MDC SIG ROUT DR Z 0002 B

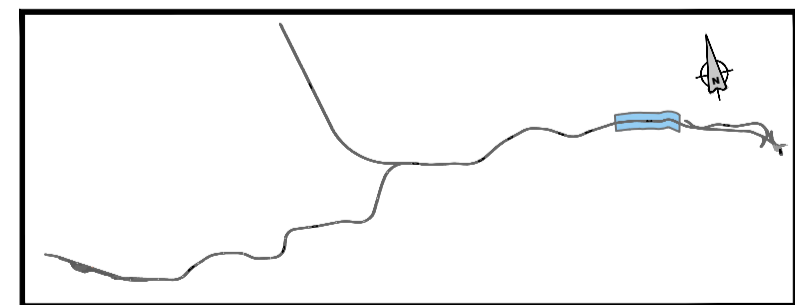
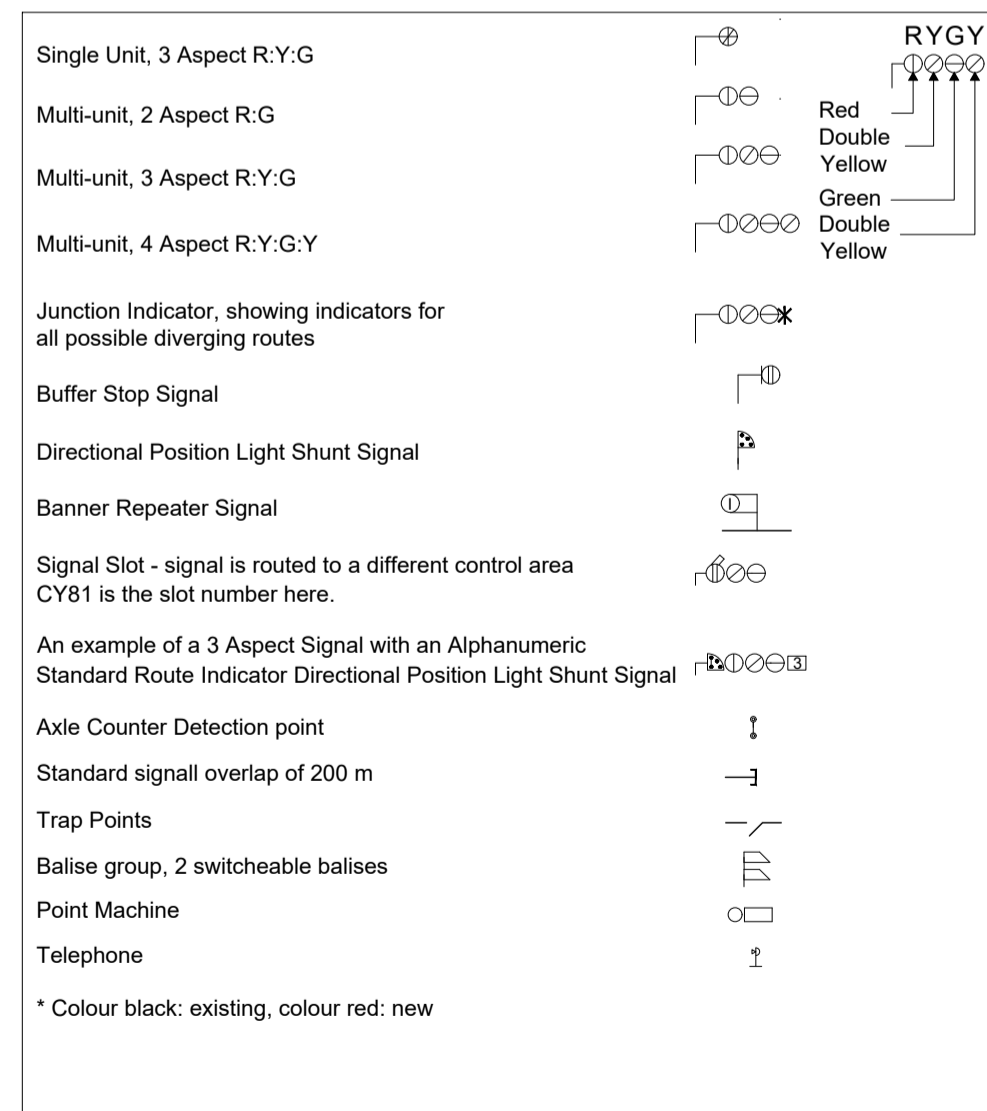
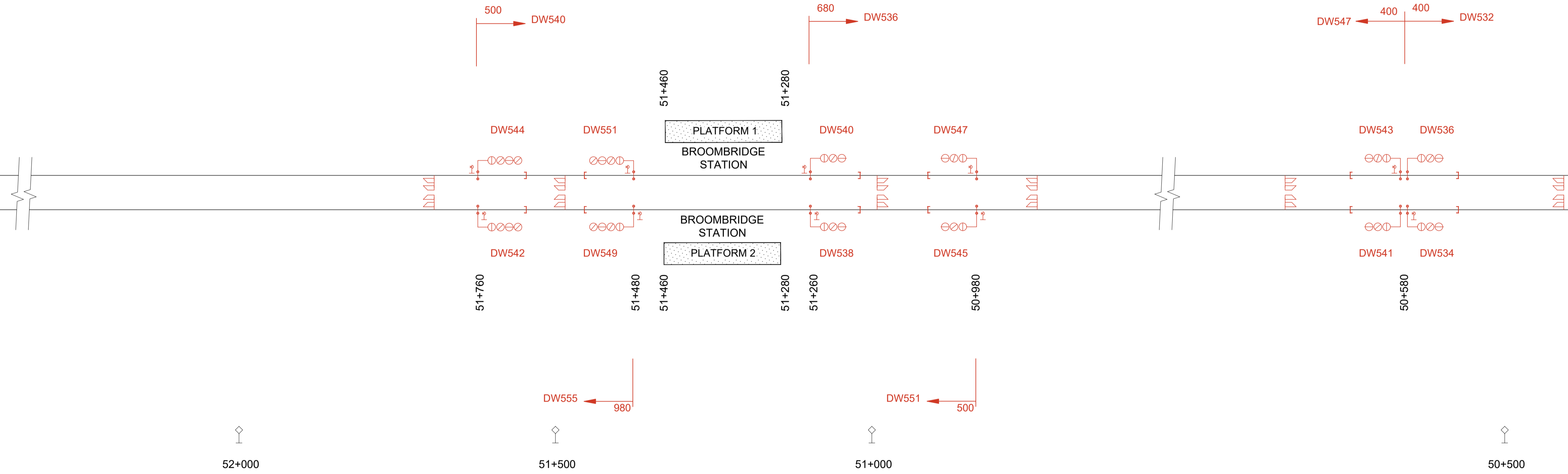
Date: May 2021

Job No: P/101086

Status: S4 Suitable for Acceptance

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Client

Consultant

Project

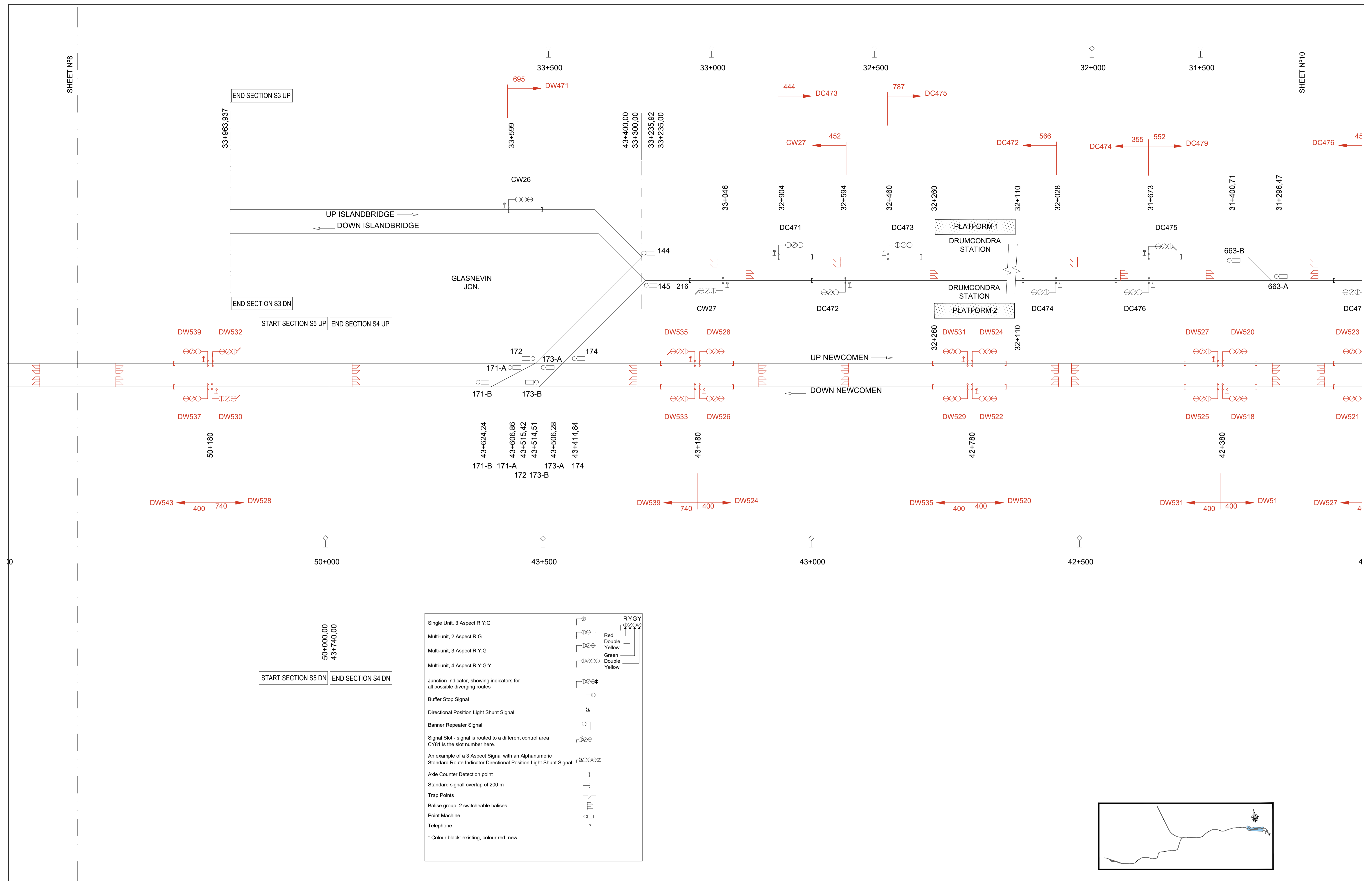
Drawing Title

### SET SIGNALLING SCHEME

Scale: NTS @ A3

Drawing Number	Project	Originator	Discipline	Location	Type	Role	Number	Phase
MAY	MDC	SIG	ROUT	DR	Z	0002	B	
Date:	Job No:	Status:	Rev:					
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Client

Consultant

Project

Drawing Title

### SET SIGNALLING SCHEME

Scale: NTS @ A3

Drawing Number: MAY MDC SIG ROUT DR Z 0002 B

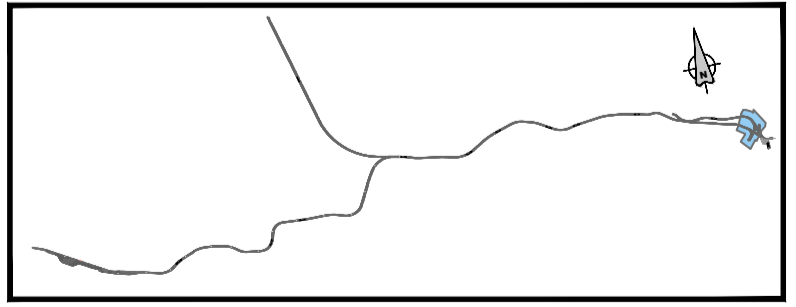
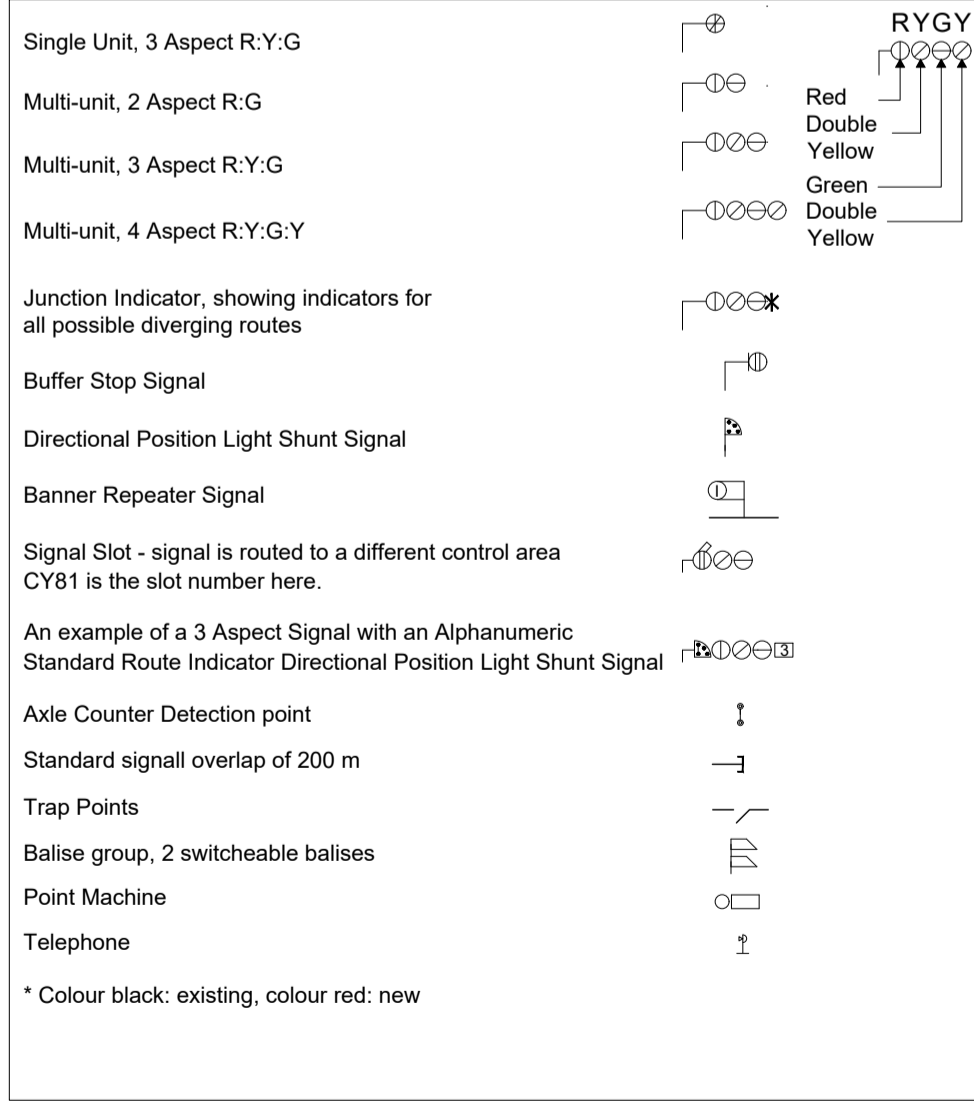
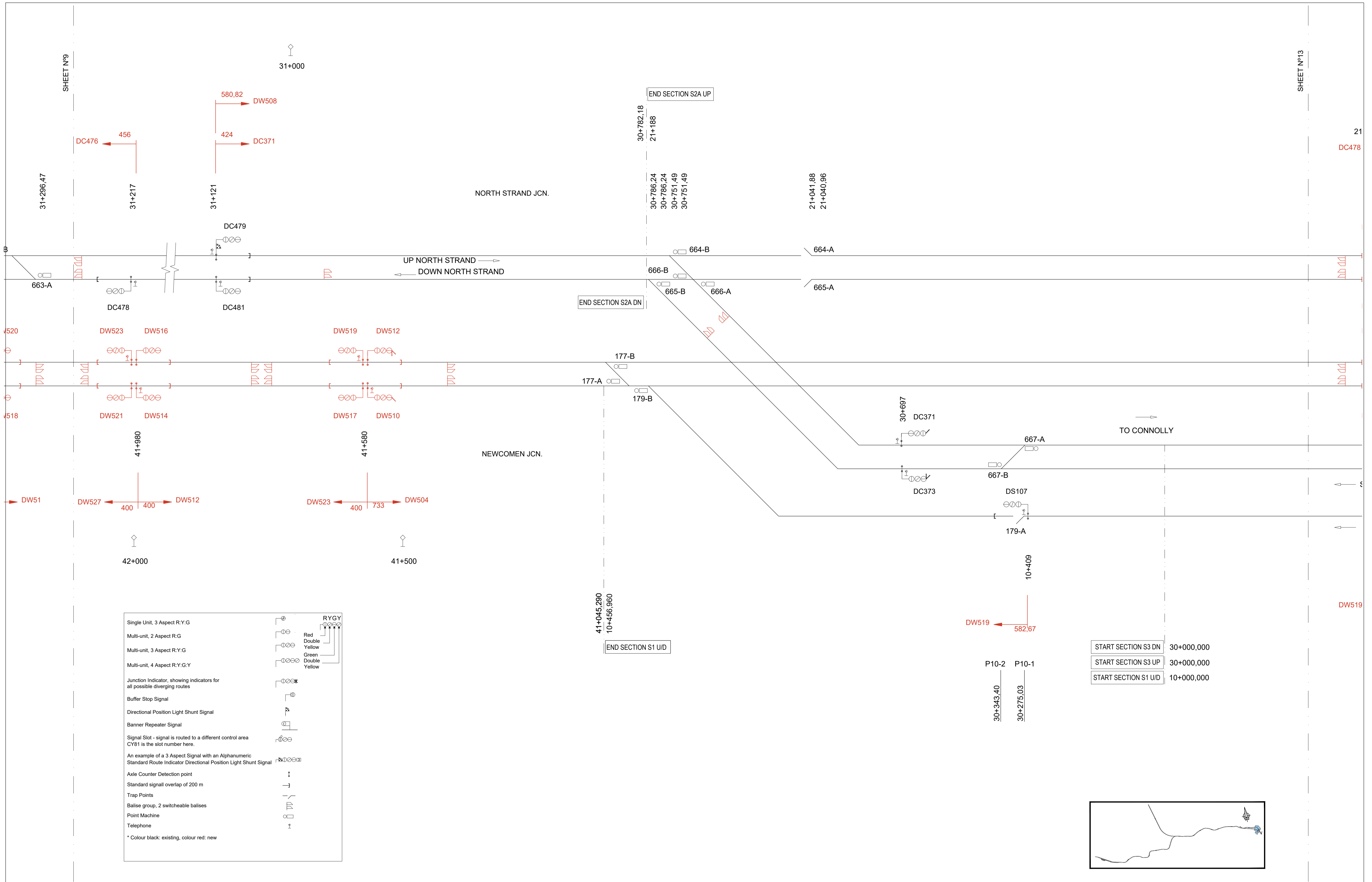
Date: May 2021

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Consultant: **IDOM**, **G3**, **PROD** (ROUGHAN & O'DONOVAN)

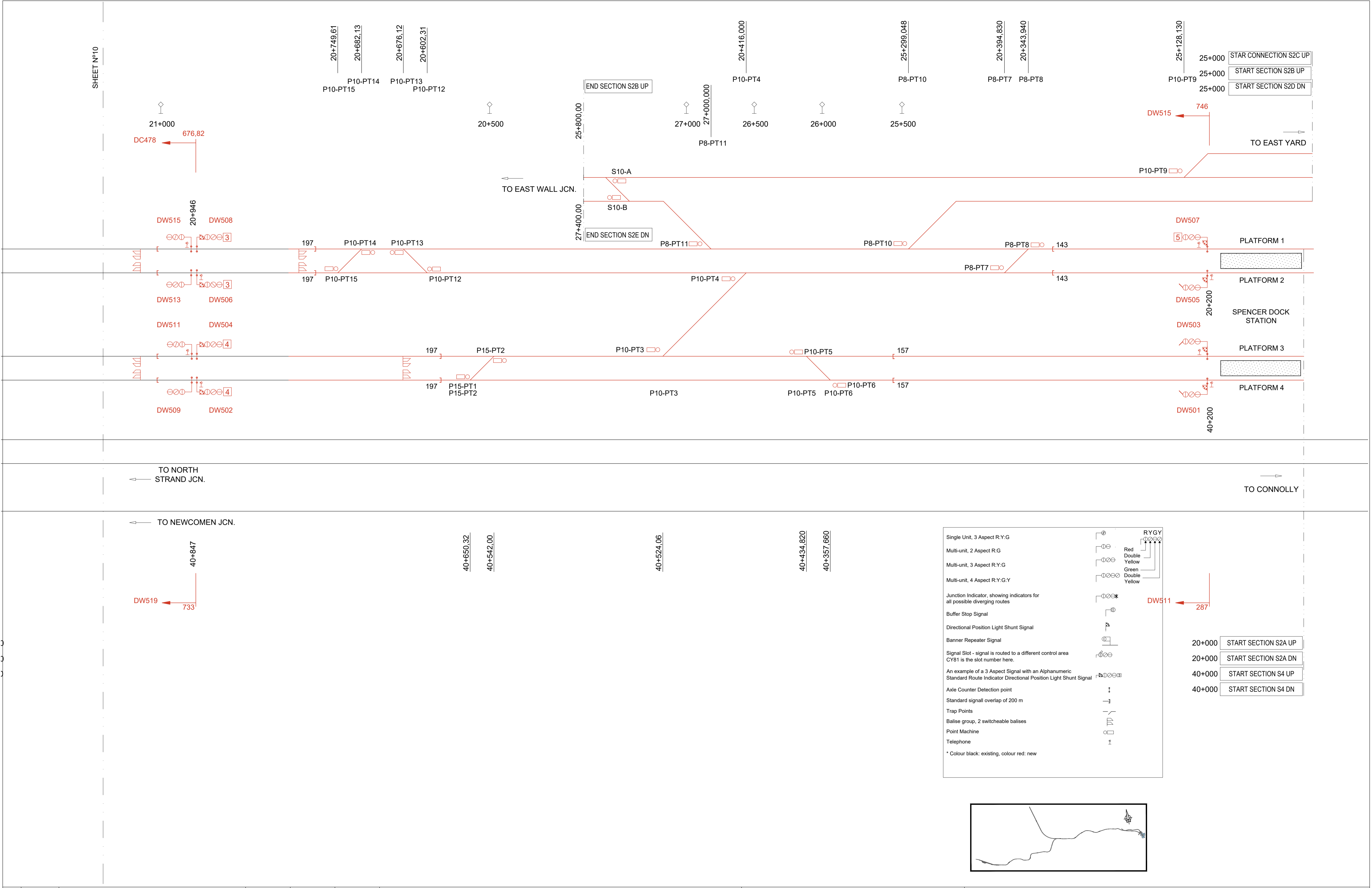
Project: **DART+ West**

Drawing Title: **SET SIGNALLING SCHEME**

Scale: NTS @ A3

Drawing Number: **MAY MDC SIG ROUT DR Z 0002 B**

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Project

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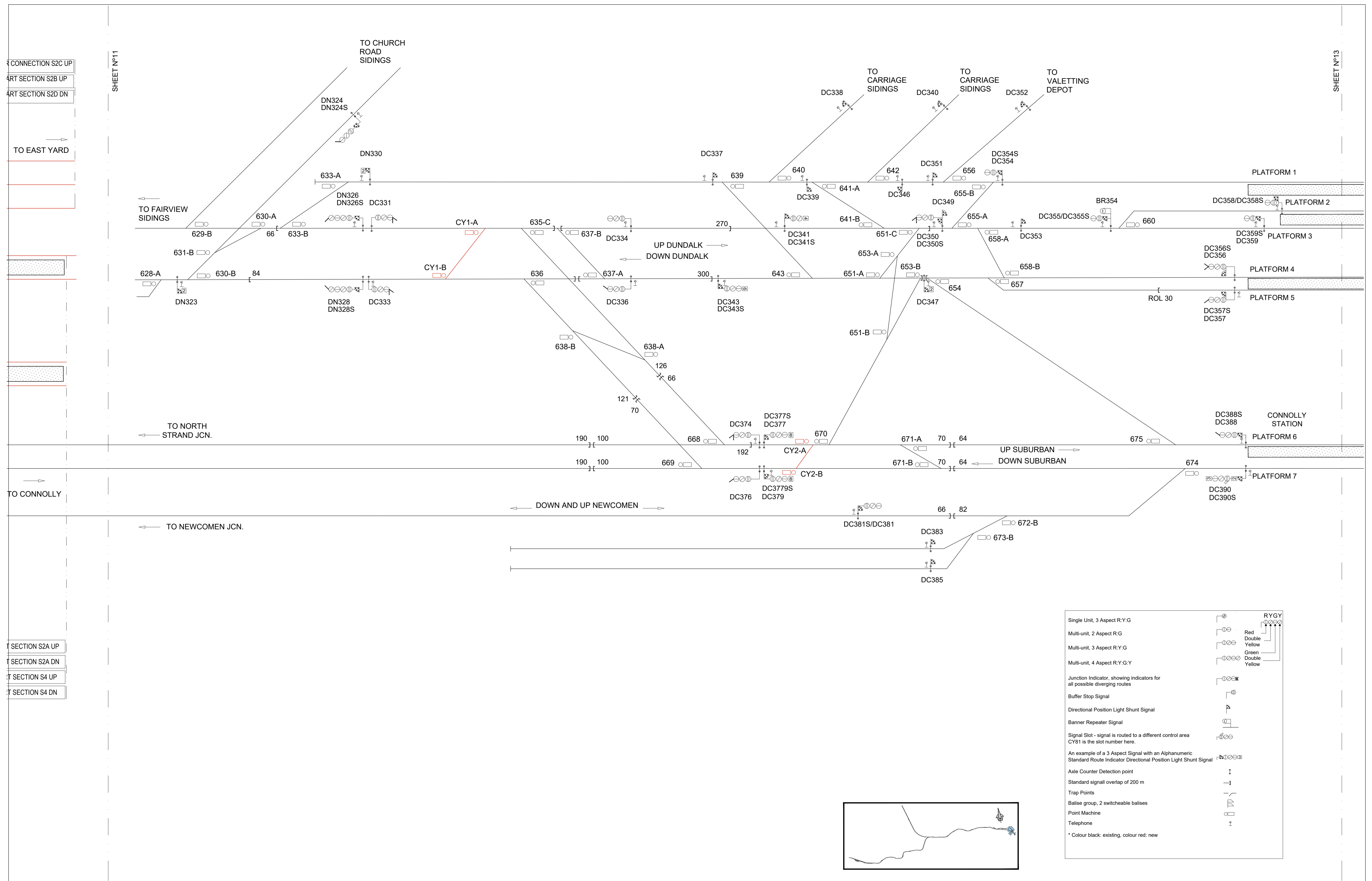
Date: May 2021

Job No: P/101086

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CONNECTION S2C UP  
 ART SECTION S2B UP  
 ART SECTION S2D DN

TO EAST YARD

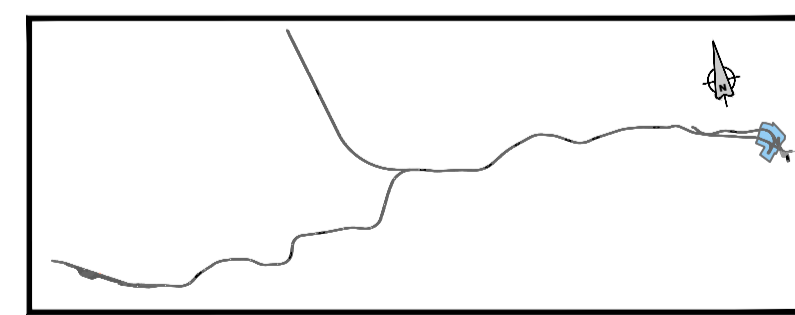
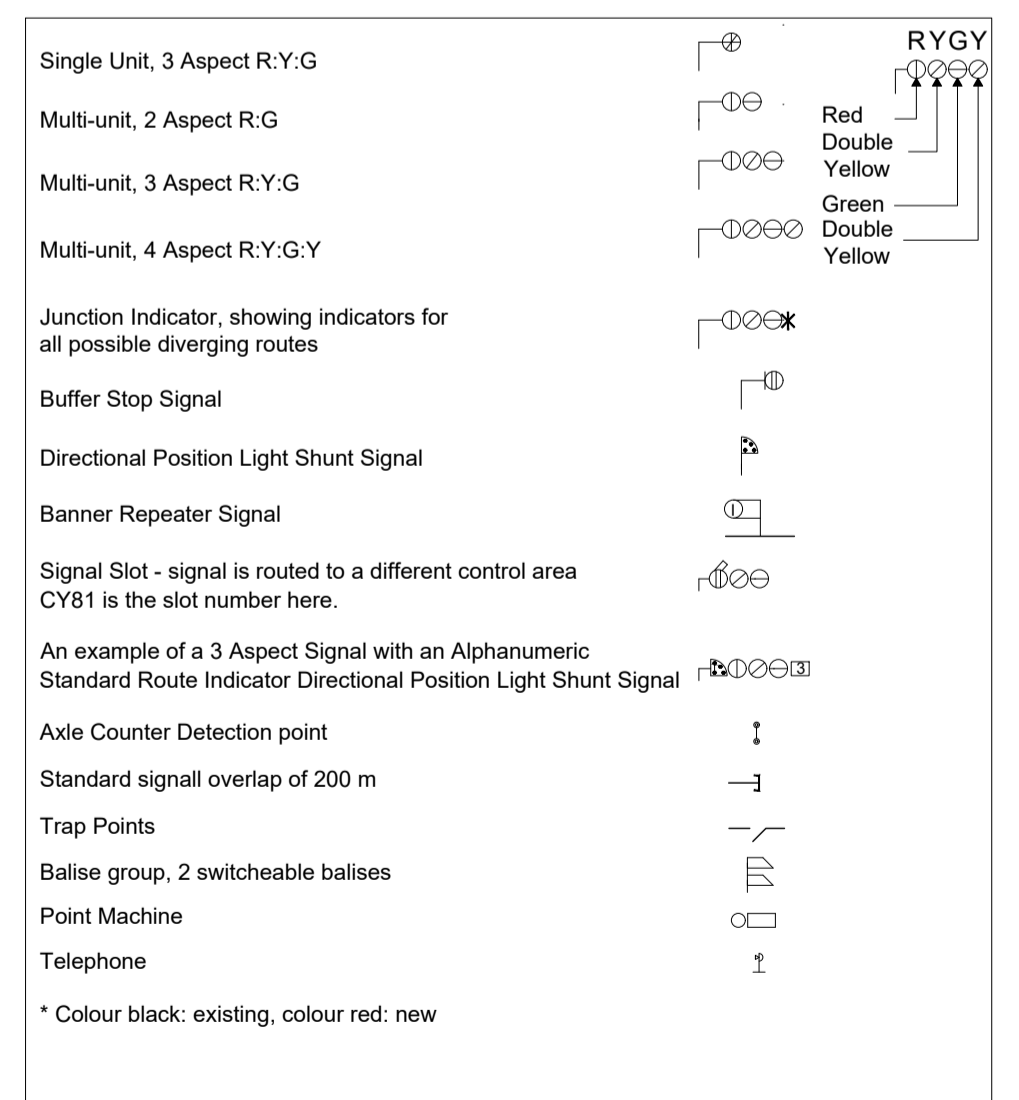
TO FAIRVIEW SIDINGS

TO NORTH STRAND JCN.

TO CONNOLLY

TO NEWCOMEN JCN.

SECTION S2A UP  
 SECTION S2A DN  
 SECTION S4 UP  
 SECTION S4 DN



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Project: **DART+ West**

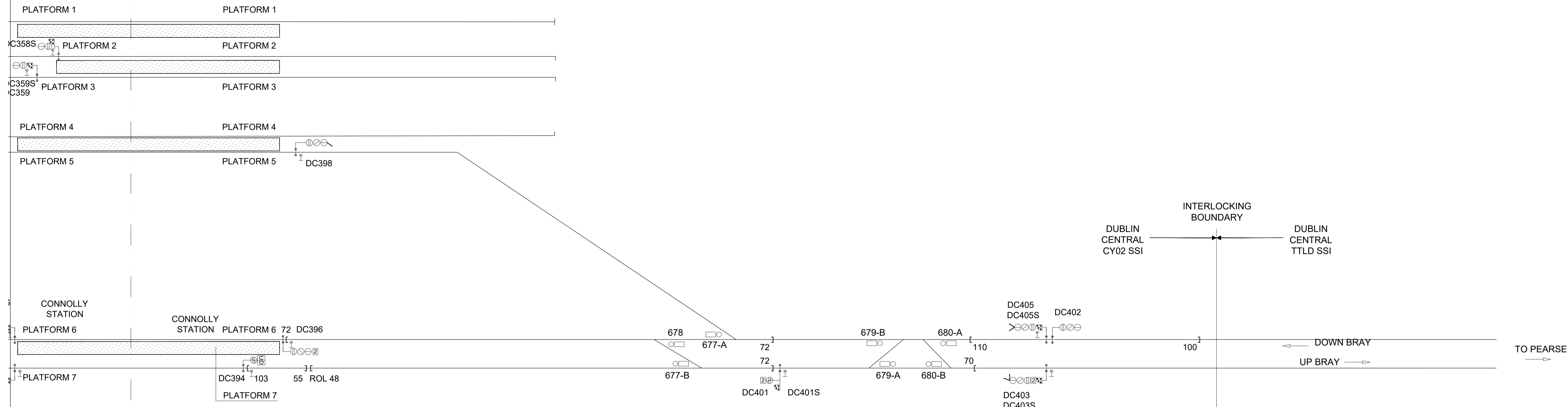
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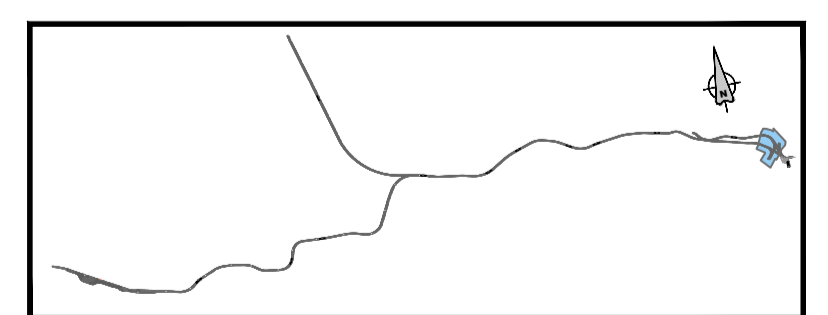
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SHEET Nº12



Single Unit, 3 Aspect R:Y:G		
Multi-unit, 2 Aspect R:G		
Multi-unit, 3 Aspect R:Y:G		
Multi-unit, 4 Aspect R:Y:G:Y		
Junction Indicator, showing indicators for all possible diverging routes		
Buffer Stop Signal		
Directional Position Light Shunt Signal		
Banner Repeater Signal		
Signal Slot - signal is routed to a different control area CY81 is the slot number here.		
An example of a 3 Aspect Signal with an Alphanumeric Standard Route Indicator Directional Position Light Shunt Signal		
Axle Counter Detection point		
Standard signall overlap of 200 m		
Trap Points		
Balise group, 2 switchable balises		
Point Machine		
Telephone		

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