

R578 Freemount Traffic Calming Scheme



SECTION 38 - PLANNING

Client: Cork County Council

Consultant : MHL & Associates Consulting Engineers



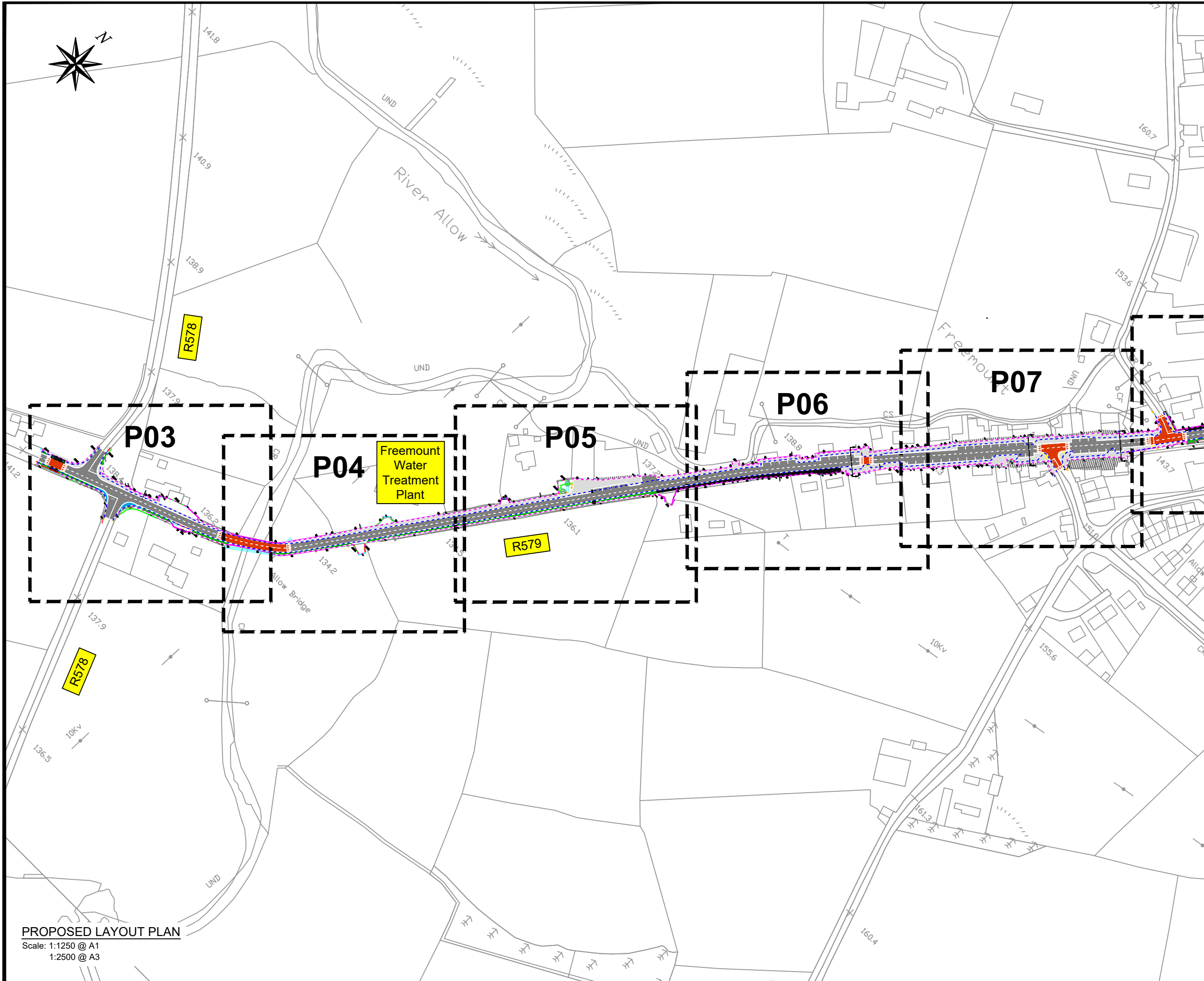
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Job No.: 22105RD




Jan. 2023

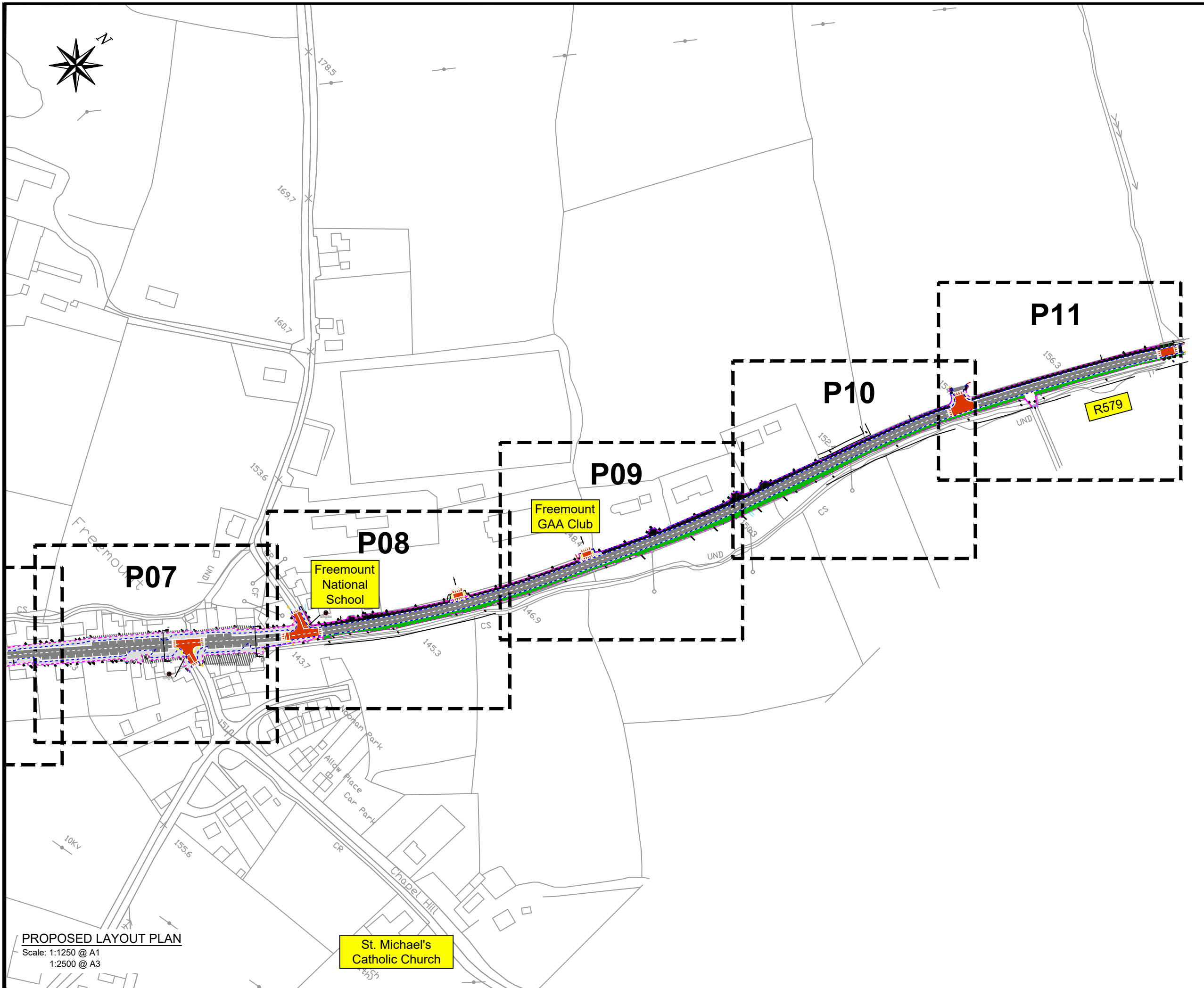


NOTES

ALL DIMENSIONS IN METRES
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 THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH ALL CONTRACT DRAWINGS, DOCUMENTS AND SPECIFICATIONS.

PROPOSED LAYOUT PLAN
 Scale: 1:1250 @ A1
 1:2500 @ A3

Drawing Status: SECTION 38 - PLANNING		
Project Title: Traffic Calming Scheme Newtownshandrum, Co. Cork		
Drawing Title: Proposed Layout Plan (Sheet 1 of 11)		
Client:  Cork County Council		
 M.H.L. & Associates Ltd. Consulting Engineers, Unit 1B, The Atrium, Blackpool, Cork.  Tel: 021-4840214 Fax: 021-4840215 E-Mail: info@mhl.ie 		
Designed: PK	Drawn: PK	Checked: BM
Scale: As Shown @ A1 / A3		Date: Jan. 2023
Job No. 22105	Drawing No. 22105-TCLN-P01	Revision. 0



PROPOSED LAYOUT PLAN
 Scale: 1:1250 @ A1
 1:2500 @ A3

St. Michael's
 Catholic Church

NOTES


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Drawing Status:
 SECTION 38 - PLANNING

Project Title:
 Traffic Calming Scheme
 Newtownshandrum, Co. Cork

Drawing Title:
 Proposed Layout Plan
 (Sheet 2 of 11)

Client:
 Cork County Council

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Designed: PK **Drawn:** PK **Checked:** BM











Scale: As Shown @ A1 / A3 **Date:** Jan. 2023

Job No. 22105	Drawing No. 22105-TCLN-P02	Revision. 0
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LEGEND

-  Existing Road Edge/Kerb Line
-  Existing Property Line
-  Grass Verge / Green Area
-  Proposed Tree
-  Proposed Carriageway Surface (6.00m Min. Width)
-  Proposed Footpath (2.00m Min. Width)
-  Proposed Kerbed Build-out with decorative Gravel
-  Existing Footpath to be Retained
-  Proposed Raised Junction/ Pedestrian Crossing
-  Proposed Buff Coloured Tactile Paving at Uncontrolled Pedestrian Crossing

Note: 38 no. Car Park Spaces Provided.



PROPOSED GATEWAY SIGN IN ACCORDANCE WITH FIGURE 24 - DMURS ADVISE NOTE 1 TYPICAL GATEWAY & TRANSITION ZONES

15.0m GATEWAY IN ACCORDANCE WITH FIGURE 32 - DMURS ADVISE NOTE 1 TYPICAL GATEWAY & TRANSITION ZONES



- Figure 32:** Typical Gateway and Rural Approach to Transition Zone - Design Principle Applied
- Carriageway is reduced to 6-6.5m at the gateway as per arterial route guidance.
 - Yellow lines stop at gateway.
 - Locally/county/regionally distinctive town signage to both sides of gateway, 2m zone in front of signs for planted bed /hard standing or mown grass
 - Trees planted at close centres for continuous canopy at gateway for vertical emphasis.
 - Speed sign may be incorporated into gateway signage if required, signals start of transition zone.
 - Band of paving to carriageway at each end of gateway as visual and tactile measure to agreed technical specification.
 - Refer to appendix on Materials and Specifications.
 - Hard material used for robust kerbs and paving material to reflect those found in the local town/village centre.
 - Trees planted at 10-12m spacing in rural fringe/rural approach to signal approach to gateway.
 - When a speed limit sign is outside of the gateway, in the rural fringe/ rural approach, apply a changed verge mowing regime as a visual clue as to the changing context of the road ahead.



Figure 24: Gateway Signs – consider the backdrop, mounting height and streetscape setting of the gateway signage.

Signs are more effective when read against a backdrop, for example a wall or hedge.

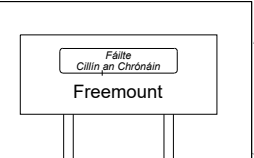
This signage is out of scale with the roadside landscape. A lower sign position or tree planting to the rear of the sign, to provide a backdrop, would improve its legibility and setting, in addition to emphasising its gateway function.



Figure 25: Gateway signs, local context and visual linkages.

County Specific town and village sign containing local context.

Town signage combined with graphic aimed to allow visual link to town landmark



Proposed Gateway Sign (1.4m x 0.9m High)

Figure 32 - DMURS Advise Note 1 Typical Gateway & Transition Zones (pg.23)

Figure 24 - DMURS Advise Note 1 Typical Gateway & Transition Zones (pg.17)


PROPOSED LAYOUT
 Scale: 1:250 @ A1
 1:500 @ A3

Rev.	By.	Date.	Description.

Drawing Status: SECTION 38 - PLANNING

Project Title: Traffic Calming Scheme Freemount, Co. Cork

Drawing Title: Proposed Layout Plan (Sheet 3 of 11)

Client:  Cork County Council

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Designed: PK	Drawn: PK	Checked: BM
Scale: As Shown @ A1 / A3	Date: Jan. 2023	
Job No. 22105	Drawing No. 22105-TCLF-P03	Revision. 0



CR

Freemount Water Treatment Plant

280m TRANSITION ZONE

EXISTING BRIDGE

R579

REF: W 130
ROAD HUMP SIGN AS PER
DOT TRAFFIC SIGNS MANUAL
2019

ALLOW Bridge











134.2

134.5

NOTES

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-  Proposed Kerbed Build-out with decorative Gravel
-  Existing Footpath to be Retained
-  Proposed Raised Junction/ Pedestrian Crossing
-  Proposed Buff Coloured Tactile Paving at Uncontrolled Pedestrian Crossing

Note: 38 no. Car Park Spaces Provided.

Rev.	By.	Date.	Description.

Drawing Status: SECTION 38 - PLANNING

Project Title: Traffic Calming Scheme
Freemount, Co. Cork

Drawing Title: Proposed Layout Plan
(Sheet 4 of 11)

Client:  Cork County Council

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Designed: PK Drawn: PK Checked: BM

Scale: As Shown @ A1 / A3 Date: Jan. 2023

Job No.	Drawing No.	Revision.
22105	22105-TCLF-P04	0

PROPOSED LAYOUT











Scale: 1:250 @ A1
1:500 @ A3



NOTES

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LEGEND

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Note: 38 no. Car Park Spaces Provided.

Rev.	By.	Date.	Description.

Drawing Status: SECTION 38 - PLANNING

Project Title:
Traffic Calming Scheme
Freemount, Co. Cork

Drawing Title:
Proposed Layout Plan
(Sheet 5 of 11)

Client:
 Cork County Council

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Designed: PK **Drawn:** PK **Checked:** BM

Scale: As Shown @ A1 / A3 **Date:** Jan. 2023

Job No.	Drawing No.	Revision.
22105	22105-TCLF-P05	0

PROPOSED LAYOUT
Scale: 1:250 @ A1
1:500 @ A3



NOTES

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Note: 38 no. Car Park Spaces Provided.

Rev.	By.	Date.	Description.

Drawing Status: SECTION 38 - PLANNING

Project Title:
 Traffic Calming Scheme
 Freemount, Co. Cork

Drawing Title:
 Proposed Layout Plan
 (Sheet 6 of 11)

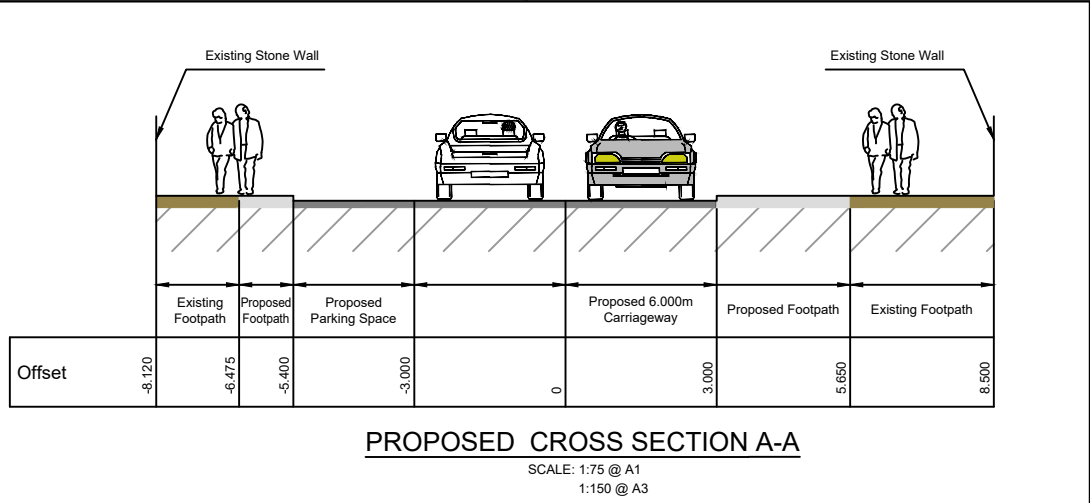
Client:
 Cork County Council

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Scale: As Shown @ A1 / A3 **Date:** Jan. 2023

Job No. 22105	Drawing No. 22105-TCLF-P06	Revision. 0
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PROPOSED LAYOUT
 Scale: 1:250 @ A1
 1:500 @ A3

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Note: 38 no. Car Park Spaces Provided.



PROPOSED LAYOUT
Scale: 1:250 @ A1
1:500 @ A3

Rev.	By.	Date.	Description.

Drawing Status: SECTION 38 - PLANNING

Project Title:
Traffic Calming Scheme
Freemount, Co. Cork

Drawing Title:
Proposed Layout Plan
(Sheet 7 of 11)

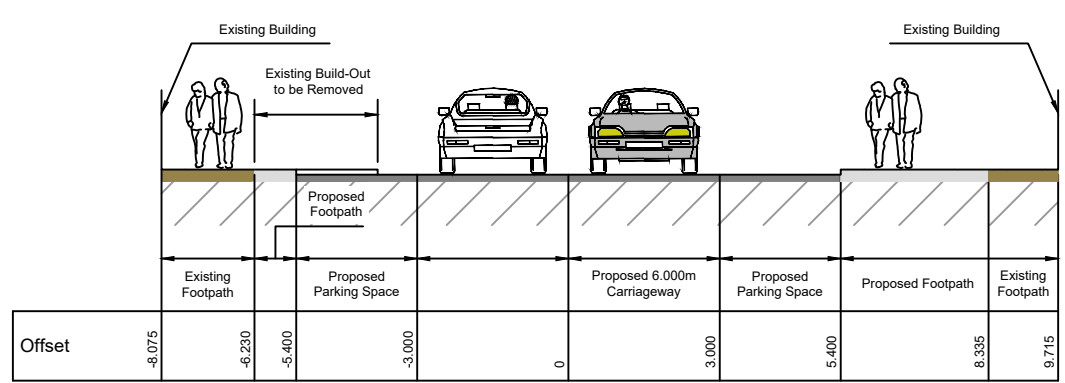
Client:
 Cork County Council

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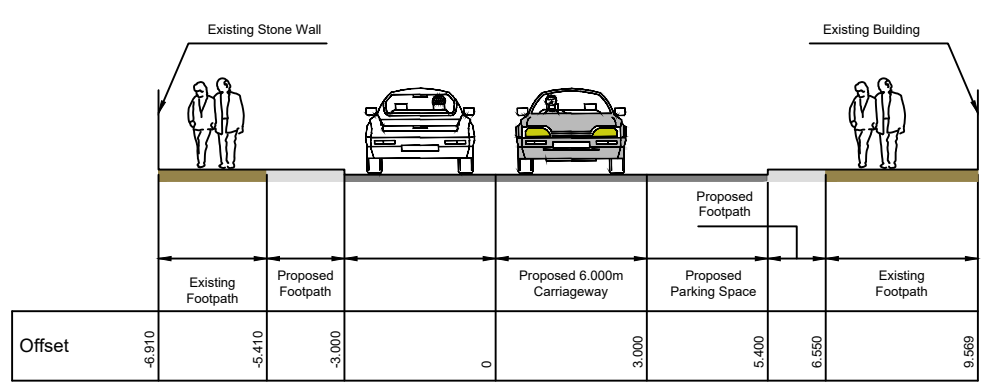
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Job No. 22105 **Drawing No.** 22105-TCLF-P07 **Revision.** 0



PROPOSED CROSS SECTION B-B
SCALE: 1:75 @ A1
1:150 @ A3



PROPOSED CROSS SECTION C-C
SCALE: 1:75 @ A1
1:150 @ A3



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Note: 38 no. Car Park Spaces Provided.

Rev.	By.	Date.	Description.

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 Traffic Calming Scheme
 Freemount, Co. Cork

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 (Sheet 8 of 11)

Client:
 Cork County Council

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Designed: PK	Drawn: PK	Checked: BM
Scale: As Shown @ A1 / A3		Date: Jan. 2023
Job No. 22105	Drawing No. 22105-TCLF-P08	Revision. 0

PROPOSED LAYOUT
 Scale: 1:250 @ A1
 1:500 @ A3



NOTES

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Note: 38 no. Car Park Spaces Provided.

Rev.	By.	Date.	Description.

Drawing Status: SECTION 38 - PLANNING

Project Title:
 Traffic Calming Scheme
 Freemount, Co. Cork

Drawing Title:
 Proposed Layout Plan
 (Sheet 9 of 11)

Client:
 Cork County Council

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Designed: PK **Drawn:** PK **Checked:** BM

Scale: As Shown @ A1 / A3 **Date:** Jan. 2023

Job No.	Drawing No.	Revision.
22105	22105-TCLF-P09	0

PROPOSED LAYOUT
 Scale: 1:250 @ A1
 1:500 @ A3



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Rev.	By.	Date.	Description.

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 (Sheet 10 of 11)

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22105	22105-TCLF-P10	0

PROPOSED LAYOUT
 Scale: 1:250 @ A1
 1:500 @ A3



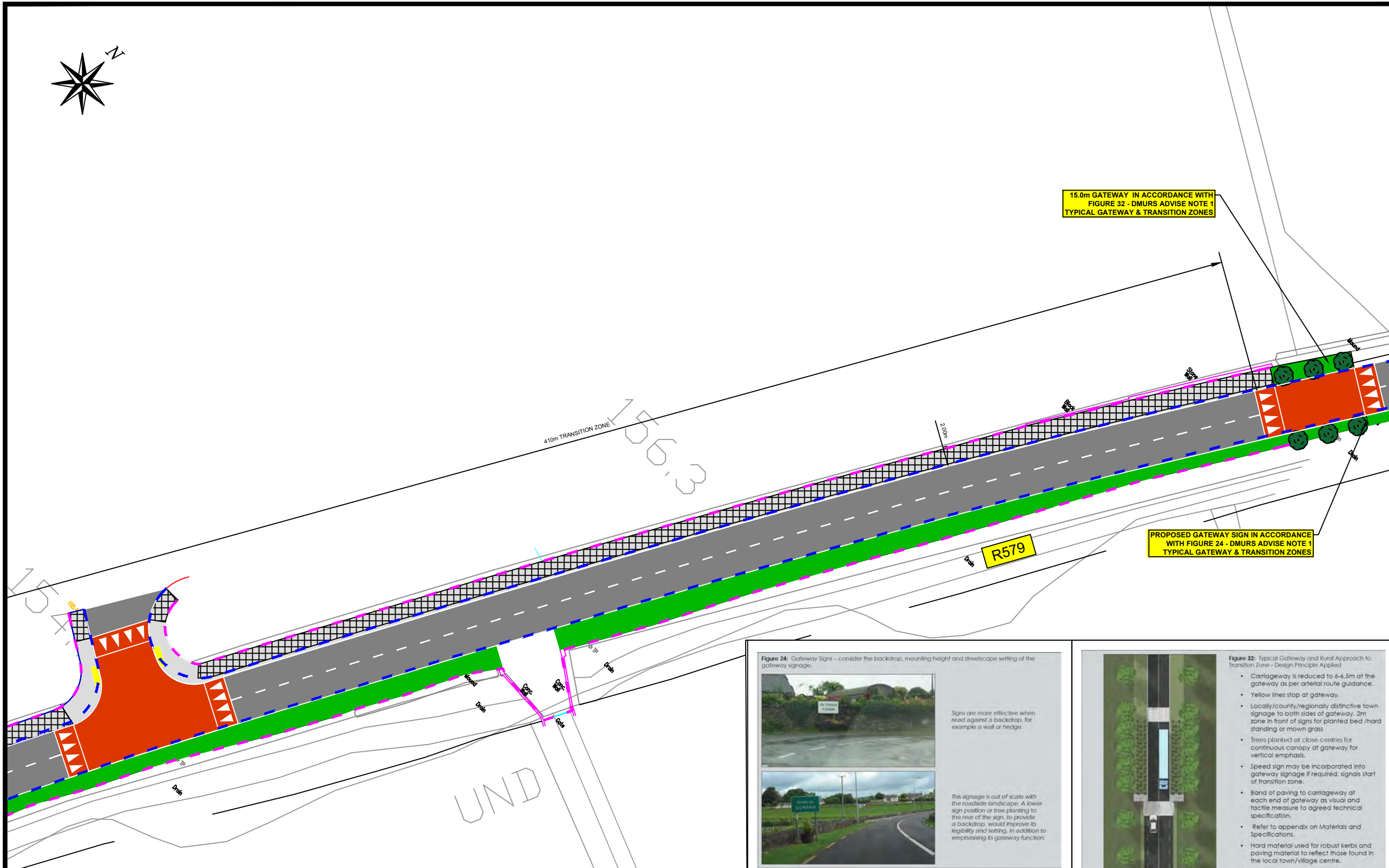
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15.0m GATEWAY IN ACCORDANCE WITH FIGURE 32 - DMURS ADVISE NOTE 1 TYPICAL GATEWAY & TRANSITION ZONES

PROPOSED GATEWAY SIGN IN ACCORDANCE WITH FIGURE 24 - DMURS ADVISE NOTE 1 TYPICAL GATEWAY & TRANSITION ZONES

R579

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Figure 24: Gateway Signs – consider the backdrop, mounting height and streetscape setting of the gateway signage.



Signs are more effective when read against a backdrop, for example a wall or hedge.



This signage is out of scale with the roadside landscape. A lower sign position or tree planting to the rear of the sign, to provide a backdrop, would improve its legibility and setting, in addition to emphasising its gateway function.

Figure 25: Gateway signs, local context and visual linkages.



County specific town and village sign containing local context.



Town signage combined with graphic art to allow visual link to town landmark

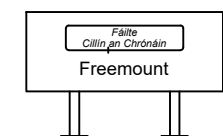
Figure 24 - DMURS Advise Note 1 Typical Gateway & Transition Zones (pg.17)

Figure 32: Typical Gateway and Rural Approach to Transition Zone - Design Principle Applied



- Carriageway is reduced to 6-6.5m at the gateway as per arterial route guidance.
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- When a speed limit sign is outside of the gateway, in the rural fringe/ rural approach, apply a changed verge mowing regime as a visual cue as to the changing context of the road ahead.

Figure 32 - DMURS Advise Note 1 Typical Gateway & Transition Zones (pg.23)



Proposed Gateway Sign (1.4m x 0.9m High)

PROPOSED LAYOUT
Scale: 1:250 @ A1
1:500 @ A3

Rev.	By.	Date.	Description.

Drawing Status: SECTION 38 - PLANNING

Project Title:
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Drawing Title:
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(Sheet 11 of 11)

Client:
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