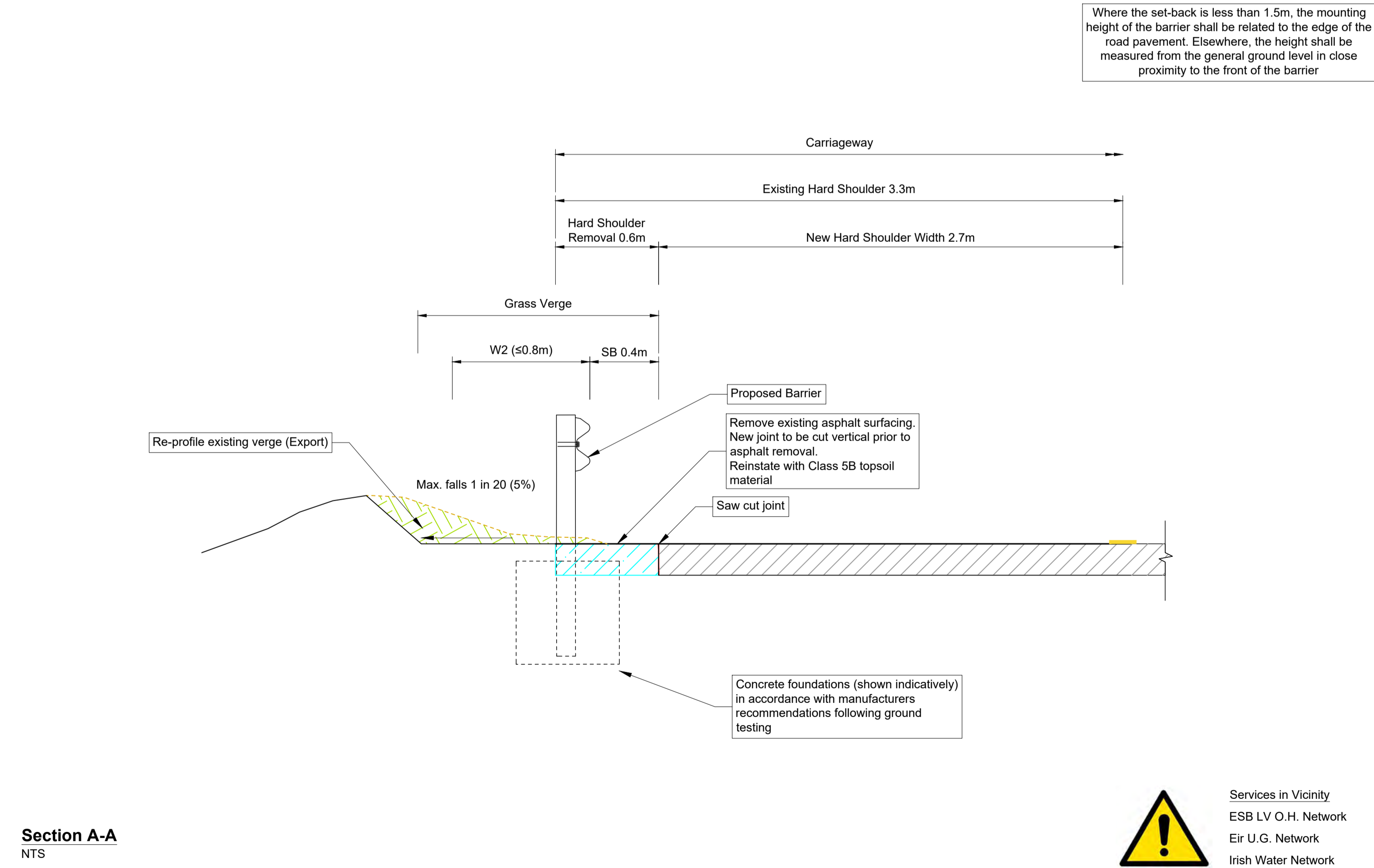


- Notes:**
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Client

**Comhairle Contae Dhún na nGall Donegal County Council**

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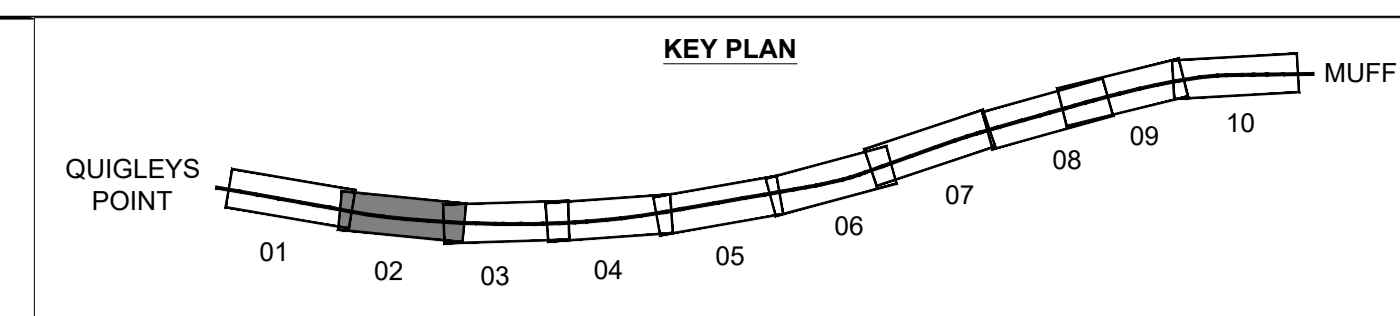
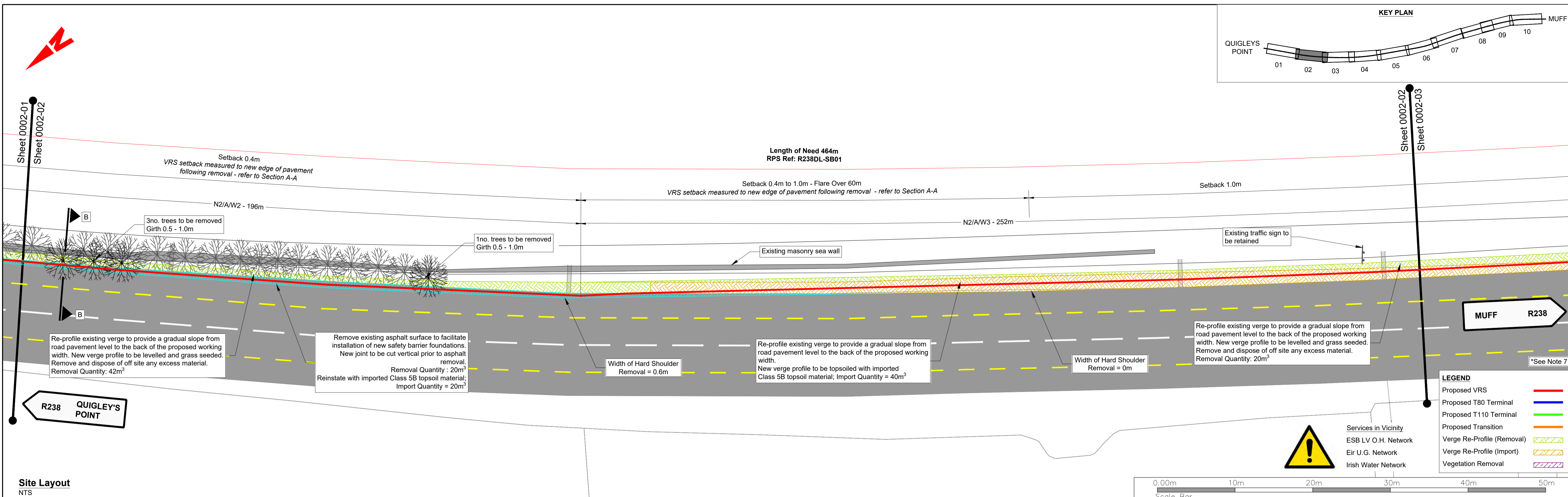
Rev	Date	Drawn/Checked	Amendment / Issue	App
S4.P01	07.11.23	RJM/PO	REVIEW AND AUTHORIZATION	QC

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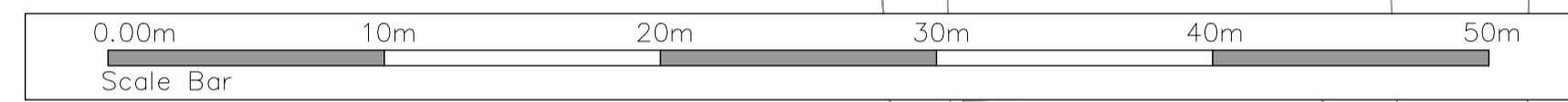
Model File Identifier  
IE000842-RPS-XR-XX-M-C-0003

Scale	N.T.S. @ A1 N.T.S. @ A3	Project	R238 THE THREE TREES, QUIGLEYS POINT, CO. DONEGAL
Created on	AUGUST 2023	Title	PROPOSED SAFETY BARRIER R238DL-SB01
Sheets	01 of 10	File Identifier	IE000842-RPS-SB-XX-D-C-0002-01
Status	S4	Rev	P01

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**Site Layout**  
NTS



**LEGEND**

- Proposed VRS
- Proposed T80 Terminal
- Proposed T110 Terminal
- Proposed Transition
- Verge Re-Profile (Removal)
- Verge Re-Profile (Import)
- Vegetation Removal

**Notes:**

- Proposed safety barriers shall comply with the requirements of TII Publication CC-SPW-00400 and TII Publications DN-REQ-03034 The Design of Road Restraint Systems (Vehicle and Pedestrian) for Roads and Bridges, DN-REQ-03079 Design of Road Restraint Systems for Constrained Locations (Online Improvements, Retrofitting and Urban Settings) and DN-GEO-03036 Cross Sections and Headroom.
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Existing verge

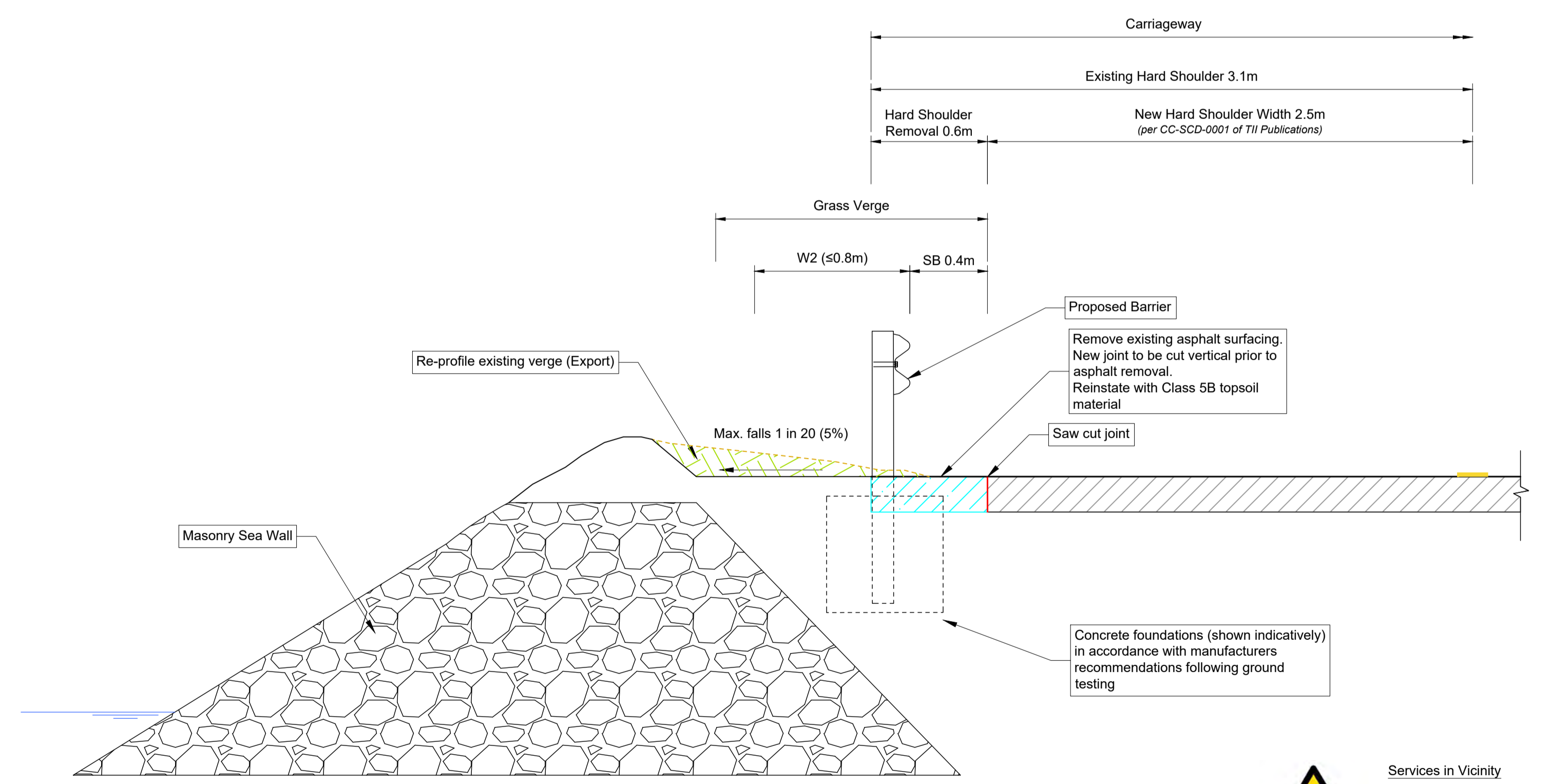


Existing verge looking south



Existing verge looking north

Where the set-back is less than 1.5m, the mounting height of the barrier shall be related to the edge of the road pavement. Elsewhere, the height shall be measured from the general ground level in close proximity to the front of the barrier



**Section B-B**  
NTS



**Site Location**  
NTS

Client

**Comhairle Contae Dhún na nGall**  
Donegal County Council

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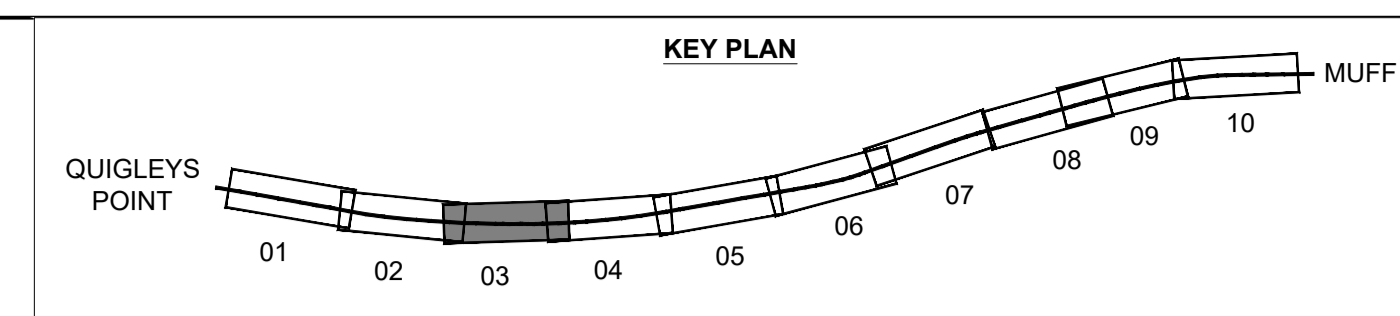
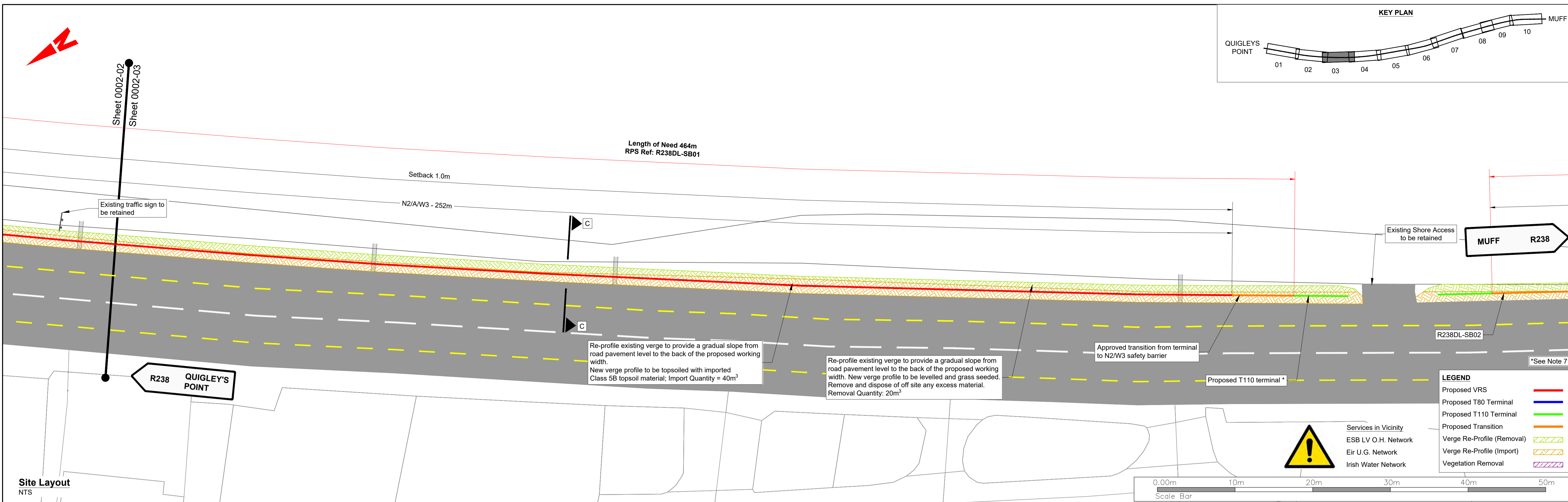
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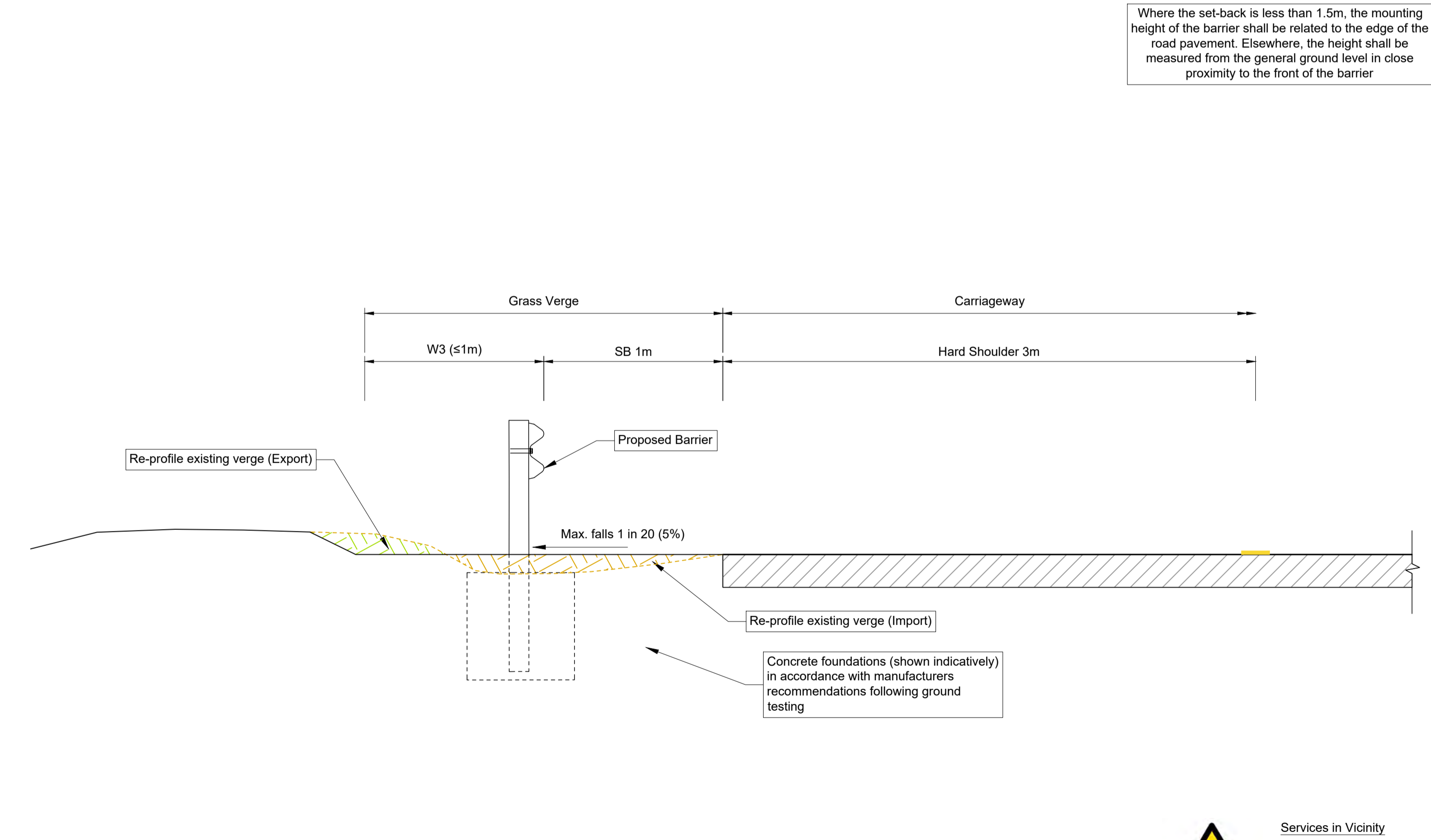
Rev	Date	Drawn/Checked	Amendment / Issue	App
S4.P01	07.11.23	RJM/PO	REVIEW AND AUTHORIZATION	QC

Services in Vicinity  
ESB LV O.H. Network  
Eir U.G. Network  
Irish Water Network

Scale	N.T.S. @ A1 N.T.S. @ A3	Project	R238 THE THREE TREES, QUIGLEYS POINT, CO. DONEGAL
Created on	AUGUST 2023	Title	PROPOSED SAFETY BARRIER R238DL-SB01
Sheets	02 of 10	File Identifier	IE000842-RPS-SB-XX-D-C-0002-02
Model File Identifier	IE000842-RPS-XR-XX-M-C-0003	Status	S4
Rev	P01	Rev	P01



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Where the set-back is less than 1.5m, the mounting height of the barrier shall be related to the edge of the road pavement. Elsewhere, the height shall be measured from the general ground level in close proximity to the front of the barrier



Client

**Comhairle Contae Dhún na nGall**  
Donegal County Council

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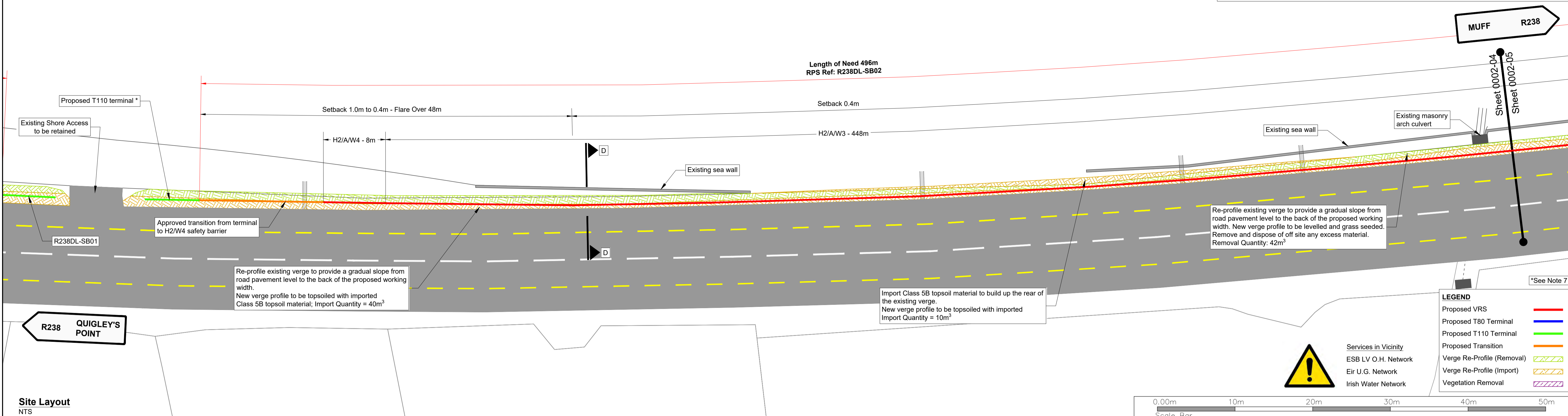
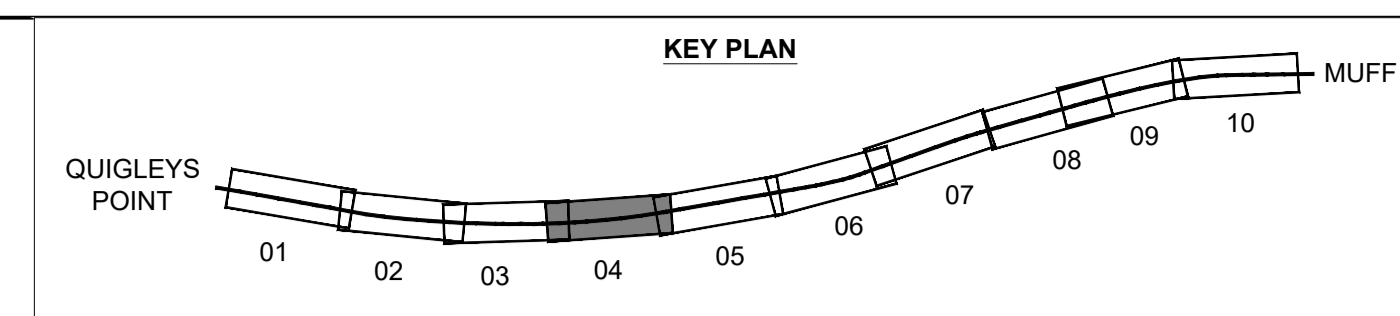
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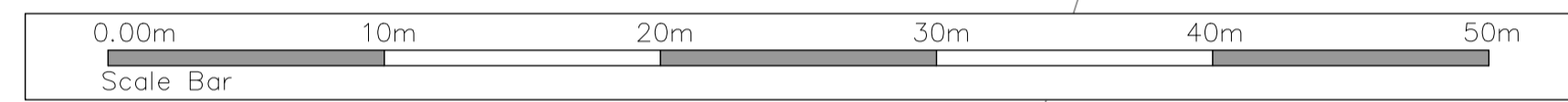
Rev	Date	Drawn/Checked	Amendment / Issue	App
S4_P01	07.11.23	RJM/PO	REVIEW AND AUTHORIZATION	QC

Services in Vicinity  
ESB LV O.H. Network  
Eir U.G. Network  
Irish Water Network

Scale	N.T.S. @ A1 N.T.S. @ A3	Project	R238 THE THREE TREES, QUIGLEYS POINT, CO. DONEGAL
Created on	AUGUST 2023	Title	PROPOSED SAFETY BARRIER R238DL-SB01
Sheets	03 of 10	File Identifier	IE000842-RPS-SB-XX-D-C-0002-03
Model File Identifier	IE000842-RPS-XR-XX-M-C-0003	Status	S4
Rev	P01	Rev	P01



Site Layout  
NTS



**LEGEND**

Proposed VRS	
Proposed T80 Terminal	
Proposed T110 Terminal	
Proposed Transition	
Verge Re-Profile (Removal)	
Verge Re-Profile (Import)	
Vegetation Removal	

Services in Vicinity  
 ESB LV O.H. Network  
 Eir U.G. Network  
 Irish Water Network

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Existing shore access to be retained

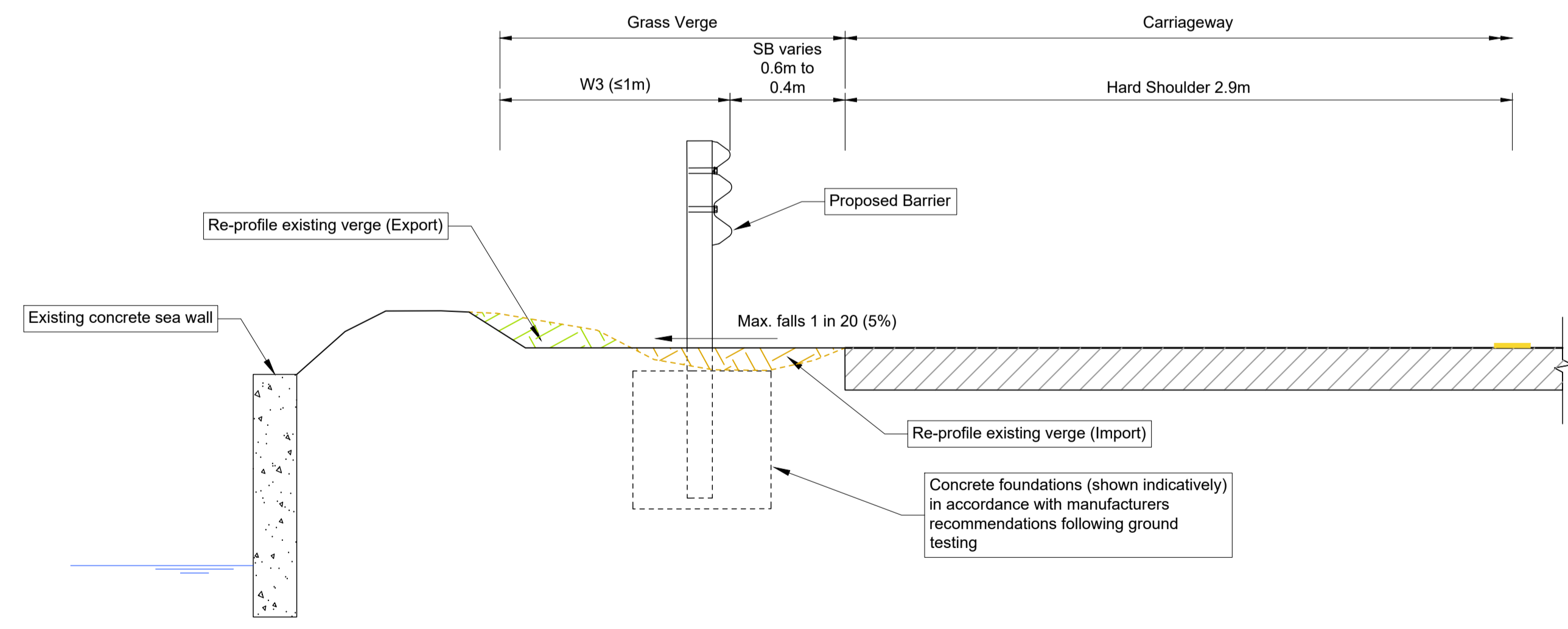


Existing verge looking south

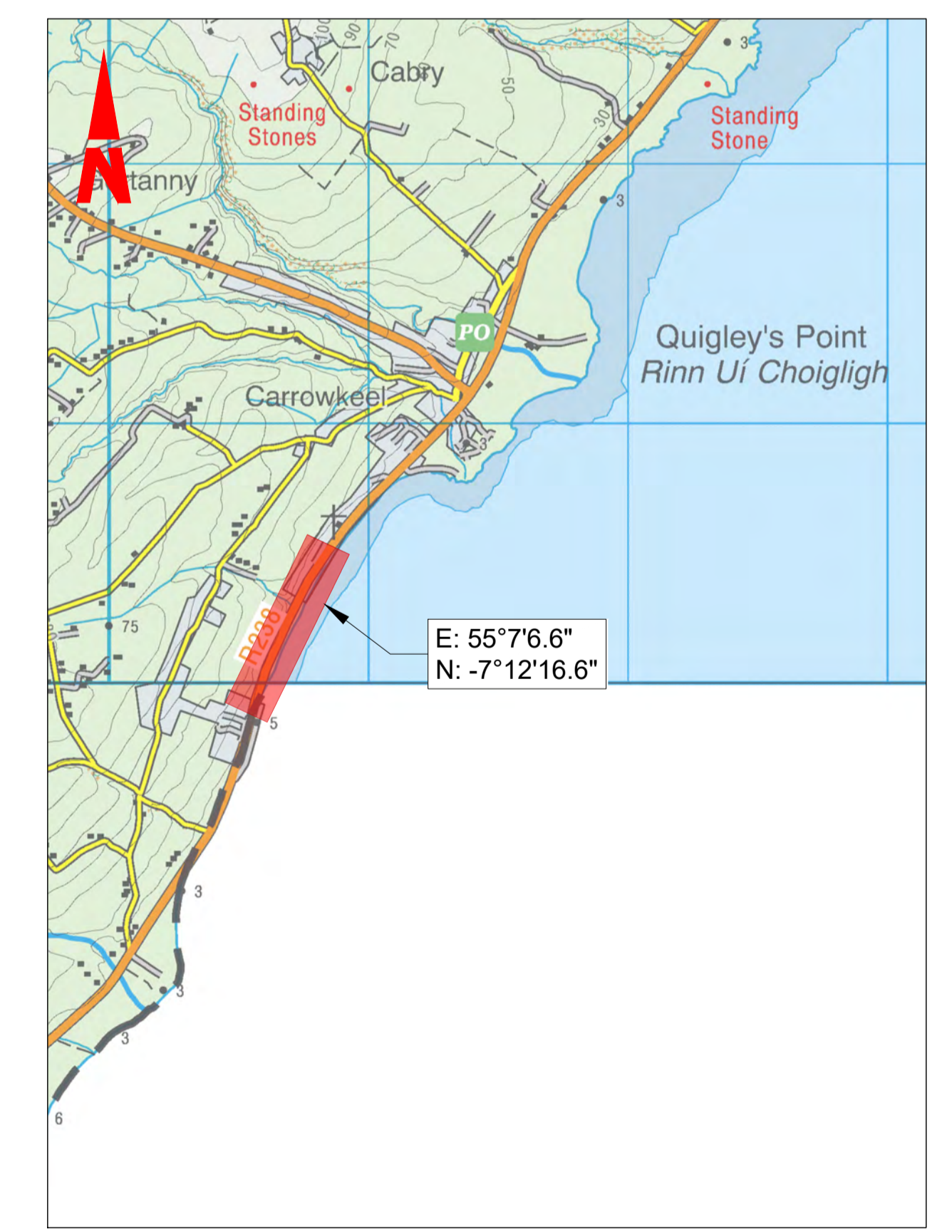


Existing concrete sea wall

Where the set-back is less than 1.5m, the mounting height of the barrier shall be related to the edge of the road pavement. Elsewhere, the height shall be measured from the general ground level in close proximity to the front of the barrier



Section D-D  
NTS



Site Location  
NTS



Services in Vicinity  
 ESB LV O.H. Network  
 Eir U.G. Network  
 Irish Water Network

Client

**Comhairle Contae Dhún na nGall**  
Donegal County Council

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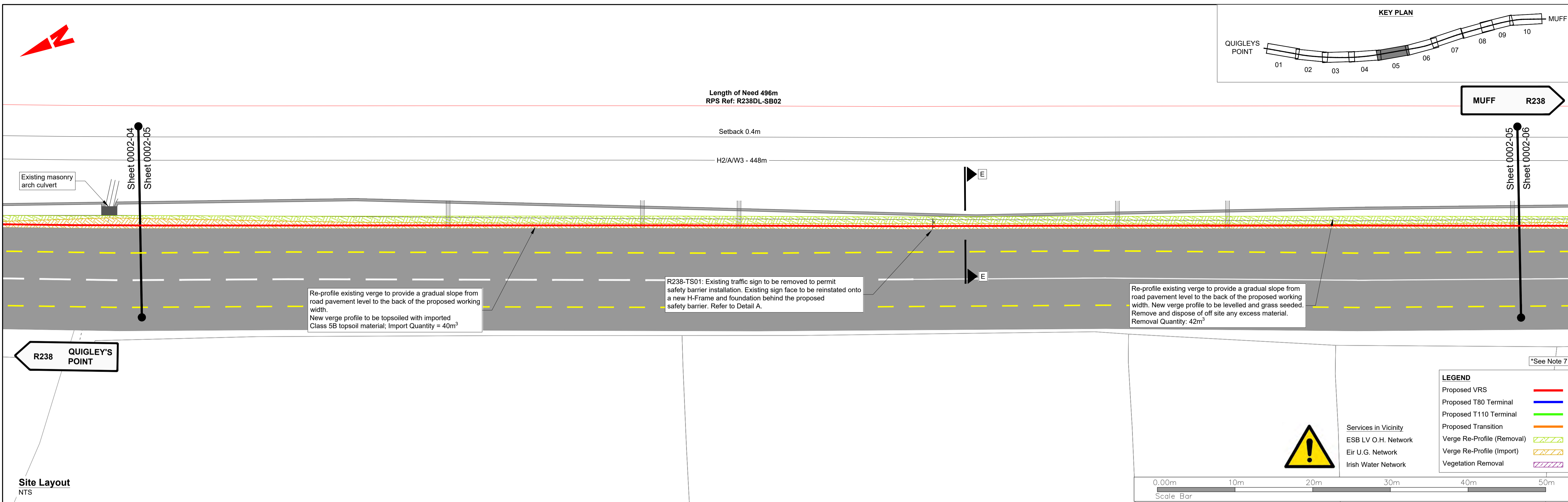
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Rev	Date	Drawn/Checked	Amendment / Issue	App
S4.P01	07.11.23	RJM/PO	REVIEW AND AUTHORIZATION	QC

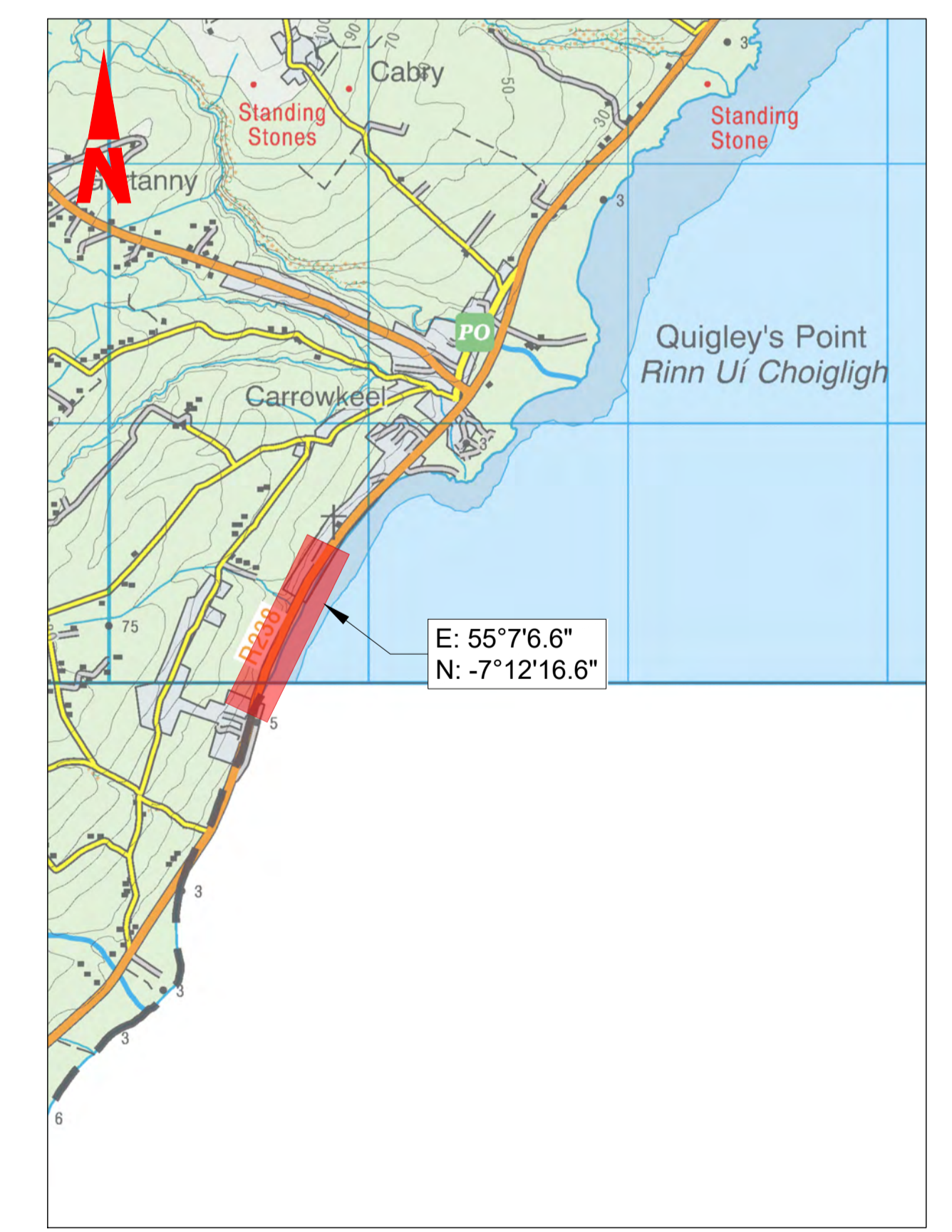
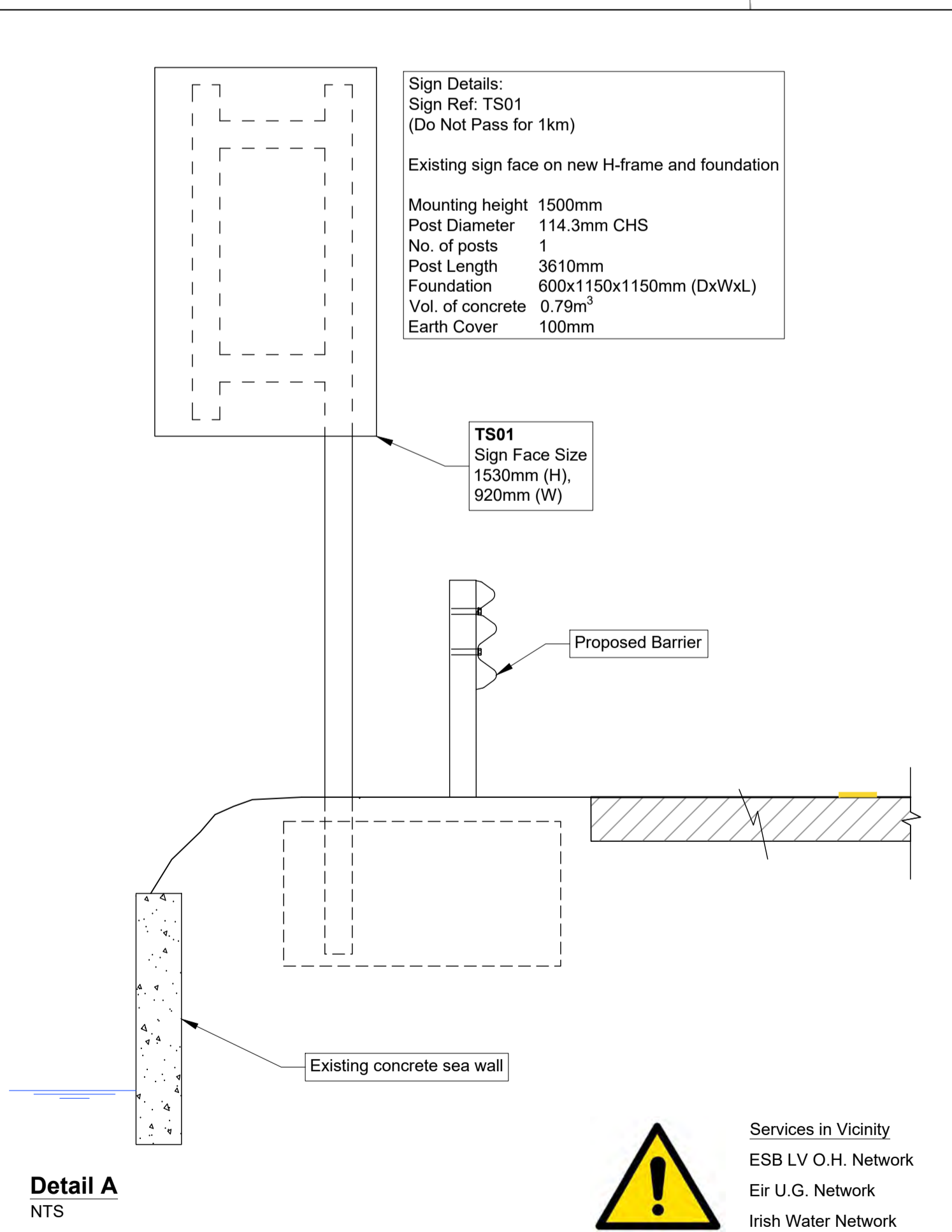
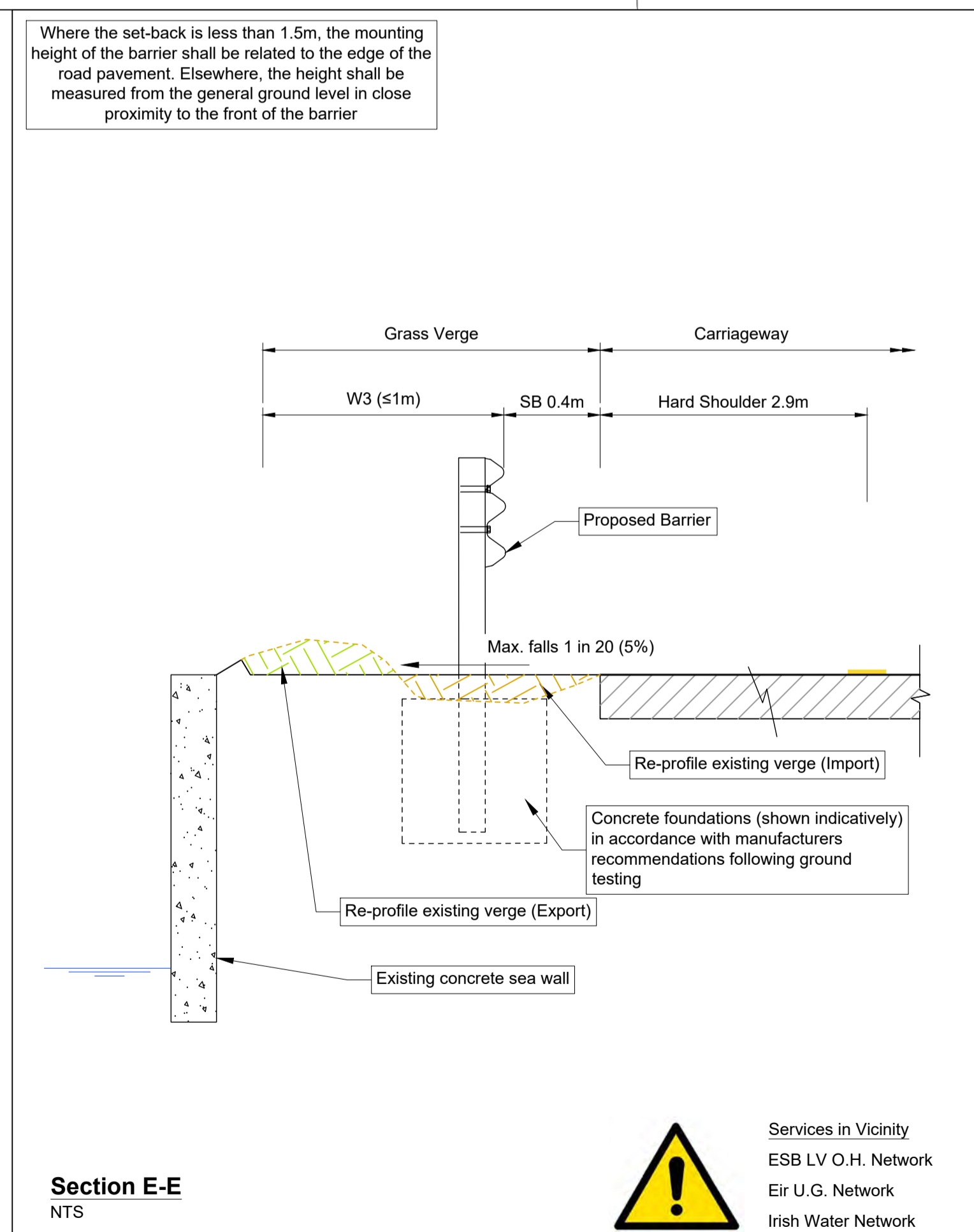
Model File Identifier  
IE000842-RPS-XR-XX-M-C-0003

Scale	N.T.S. @ A1 N.T.S. @ A3	Project	R238 THE THREE TREES, QUIGLEYS POINT, CO. DONEGAL
Created on	AUGUST 2023	Title	PROPOSED SAFETY BARRIER R238DL-SB02
Sheets	04 of 10	File Identifier	IE000842-RPS-SB-XX-D-C-0002-04
Status	S4	Rev	P01



**Site Layout**  
NTS

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Client

**Comhairle Contae Dhún na nGall**  
Donegal County Council

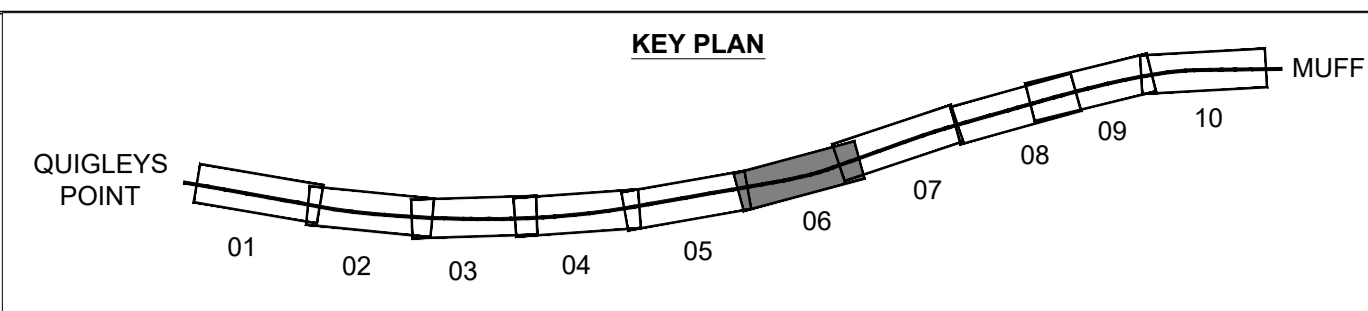
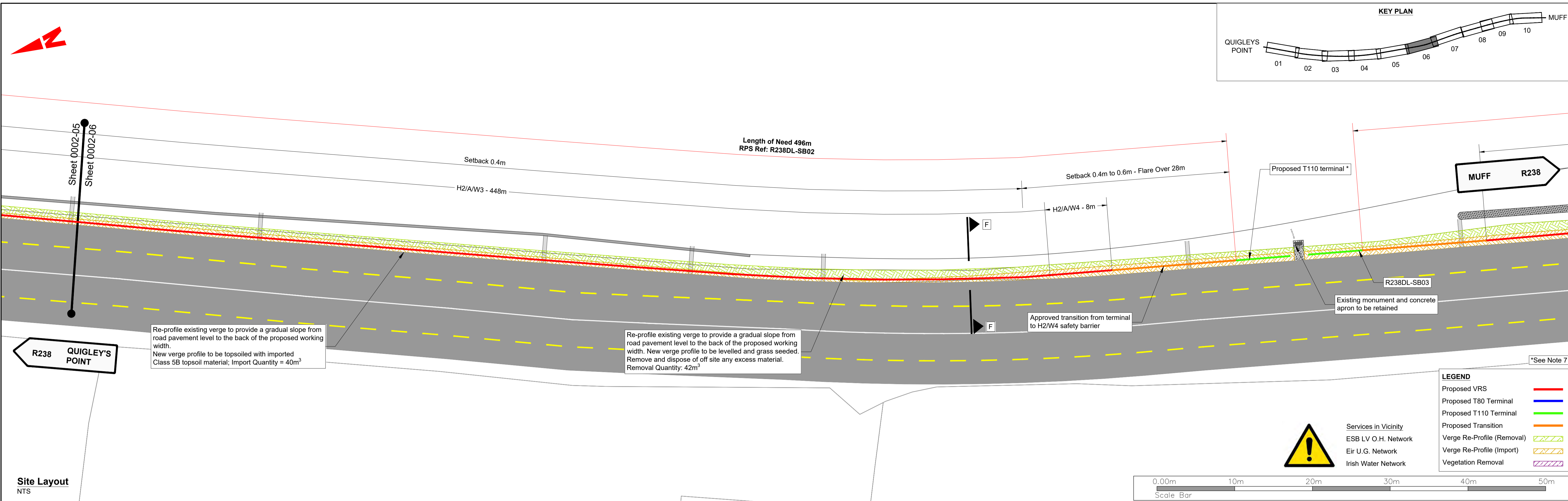
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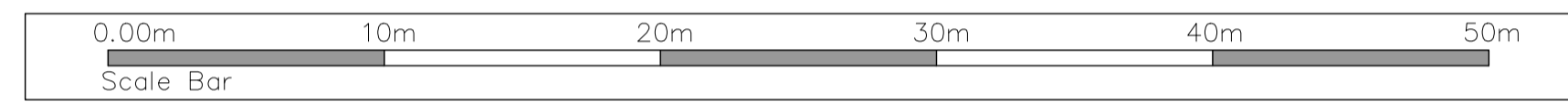
Rev	Date	Drawn/Checked	Amendment / Issue	App
S4.P01	07.11.23	RJM/PO	REVIEW AND AUTHORIZATION	QC

Model File Identifier  
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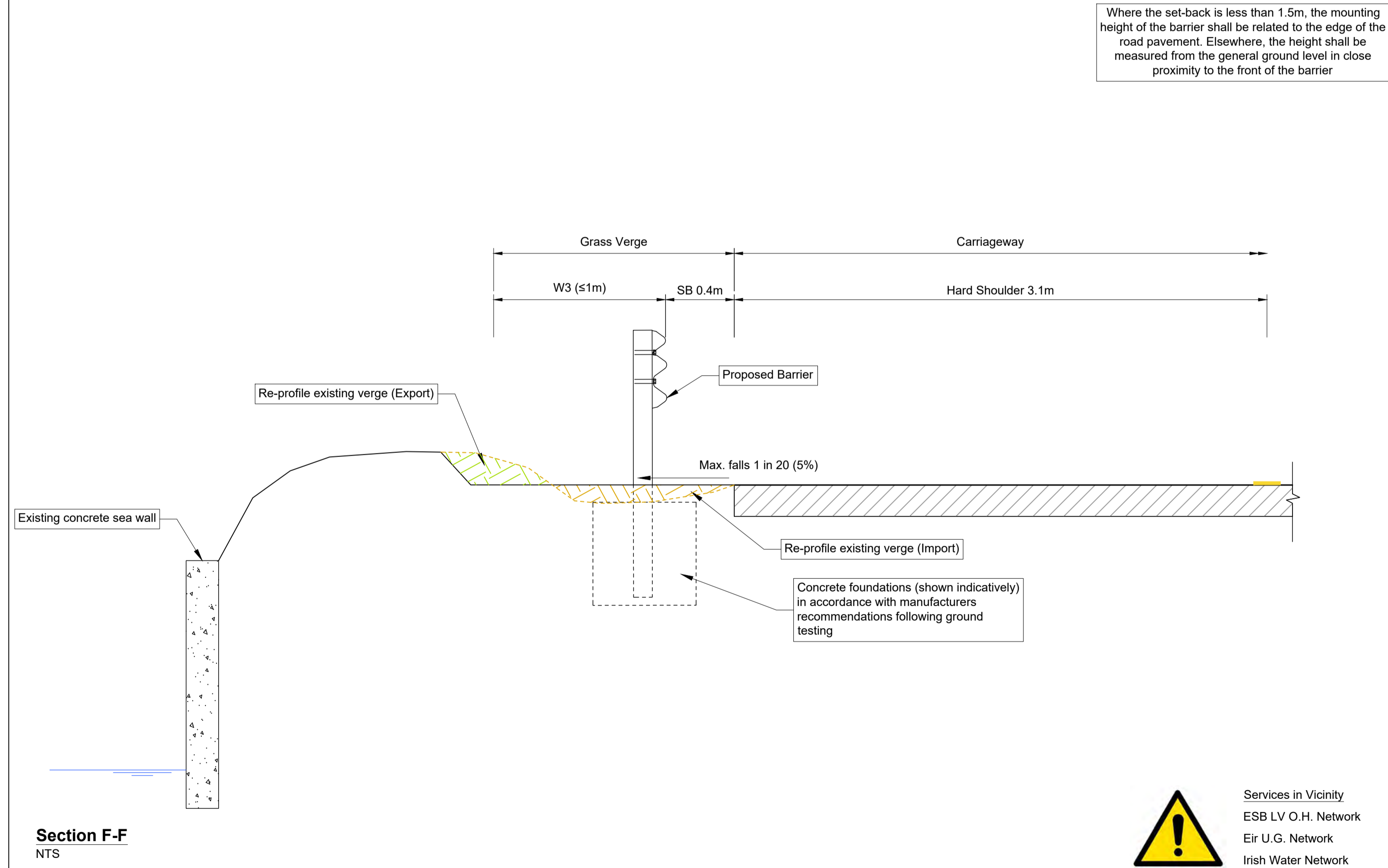
Scale	N.T.S. @ A1 N.T.S. @ A3	Project	R238 THE THREE TREES, QUIGLEYS POINT, CO. DONEGAL
Created on	AUGUST 2023	Title	PROPOSED SAFETY BARRIER R238DL-SB02
Sheets	05 of 10	File Identifier	IE000842-RPS-SB-XX-D-C-0002-05
Status	S4	Rev	P01



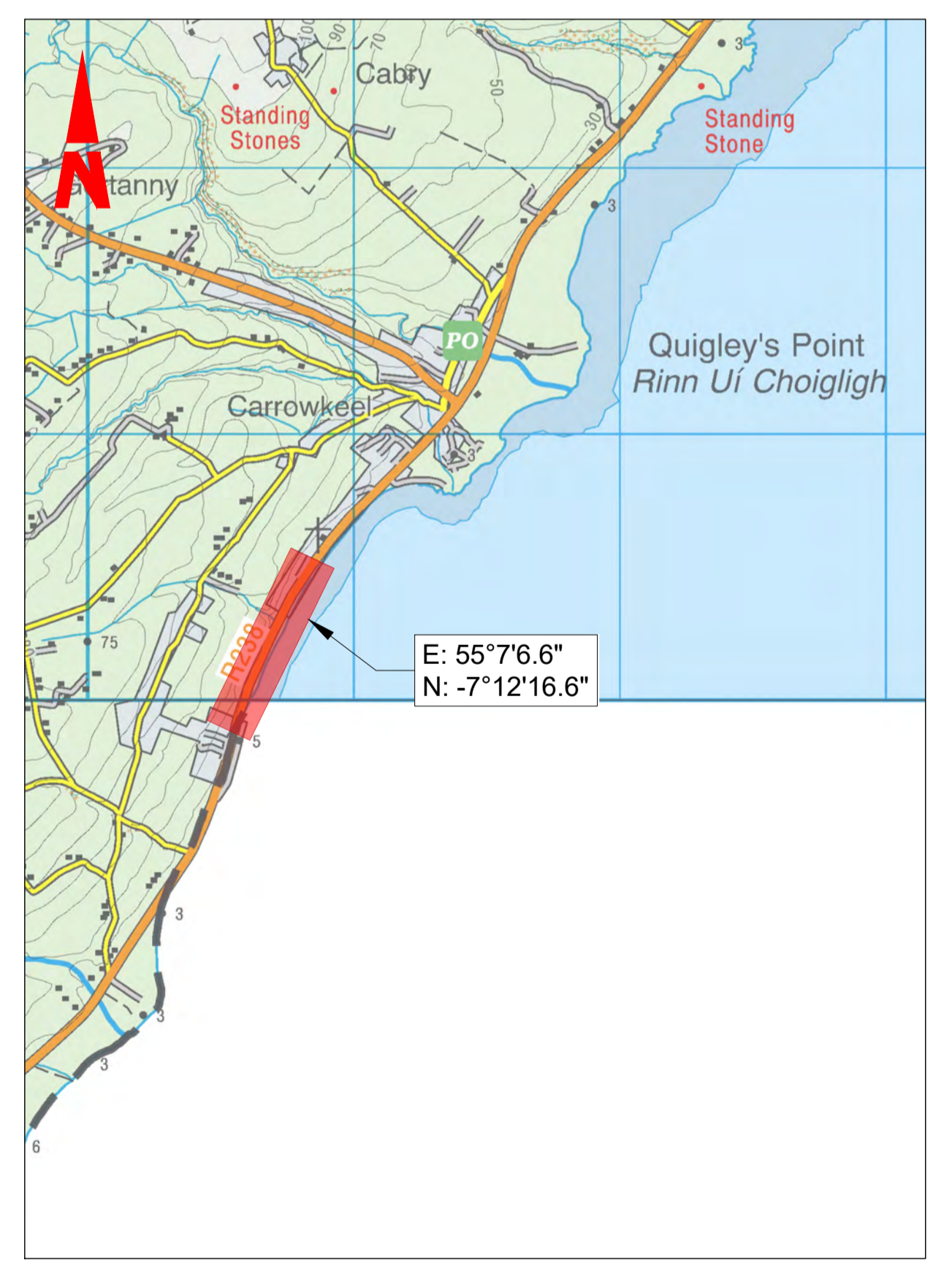
**Site Layout**  
NTS



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**Site Location**  
NTS

Client

**Comhairle Contae Dhún na nGall**  
Donegal County Council

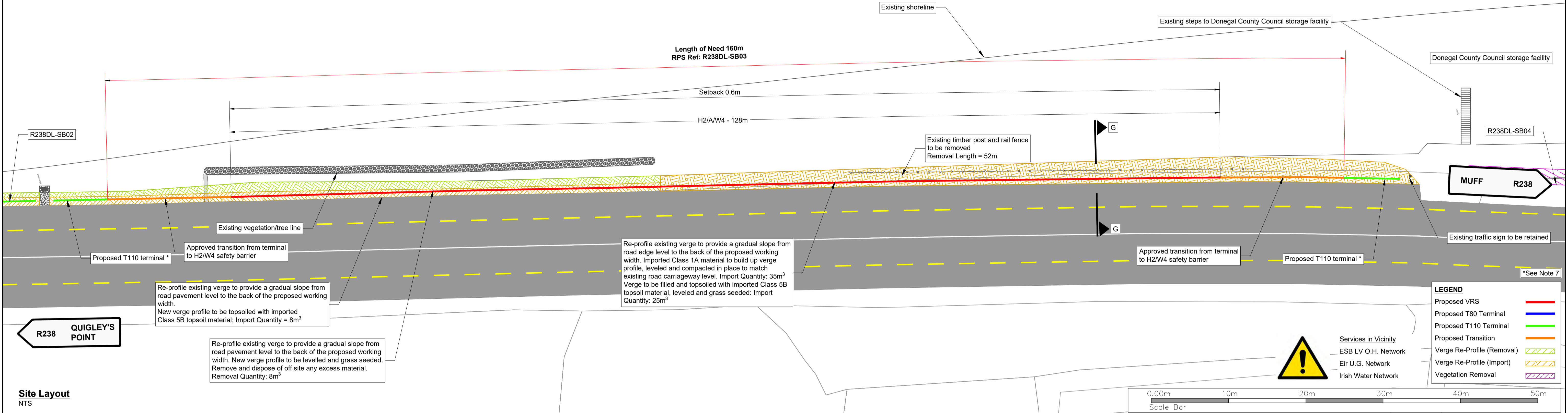
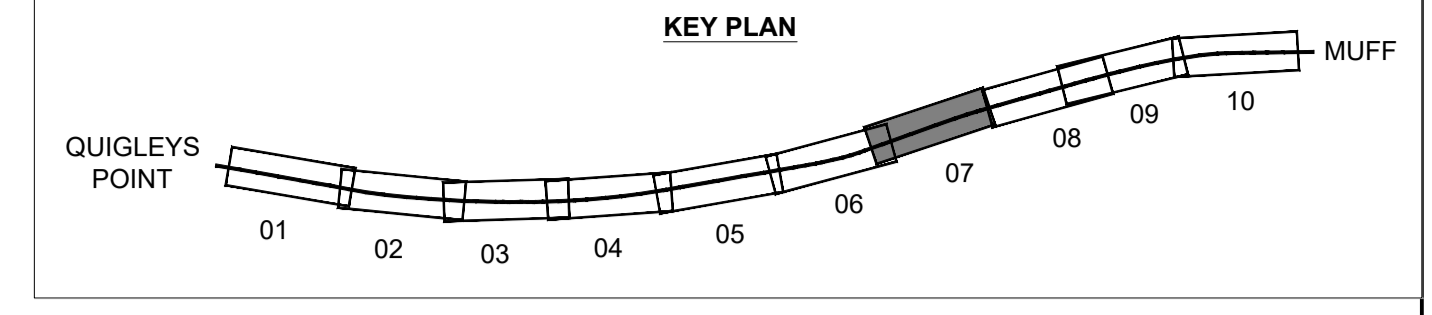
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Eir U.G. Network  
Irish Water Network

Scale	N.T.S. @ A1 N.T.S. @ A3	Project	R238 THE THREE TREES, QUIGLEYS POINT, CO. DONEGAL
Created on	AUGUST 2023	Title	PROPOSED SAFETY BARRIER R238DL-SB02
Sheets	06 of 10	File Identifier	IE000842-RPS-SB-XX-D-C-0002-06
Model File Identifier	IE000842-RPS-XR-XX-M-C-0003	Status	S4
Rev	P01	Rev	P01



Site Layout  
NTS

- Notes:**
- Proposed safety barriers shall comply with the requirements of TII Publication CC-SPW-00400 and TII Publications DN-REQ-03034 The Design of Road Restraint Systems (Vehicle and Pedestrian) for Roads and Bridges, DN-REQ-03079 Design of Road Restraint Systems for Constrained Locations (Online Improvements, Retrofitting and Urban Settings) and DN-GEO-03036 Cross Sections and Headroom.
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  - Refer to Appendix 4/3 for details of proposed safety barrier terminals.
  - Setbacks are measured to the traffic face of the safety barrier.
  - All safety barrier positions, terminal positions and setbacks to be confirmed on site with the Employers Representative prior to installation.
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  - Working drawings, installation manuals/requirements and test certificates are to be provided to the Employers Representative prior to installation as per Appendix 4/1.
  - Where required, importation, handling and compaction of earthwork materials shall comply with the requirements TII Publication CC-SPW-00600 Specification for Roadworks Series 600.
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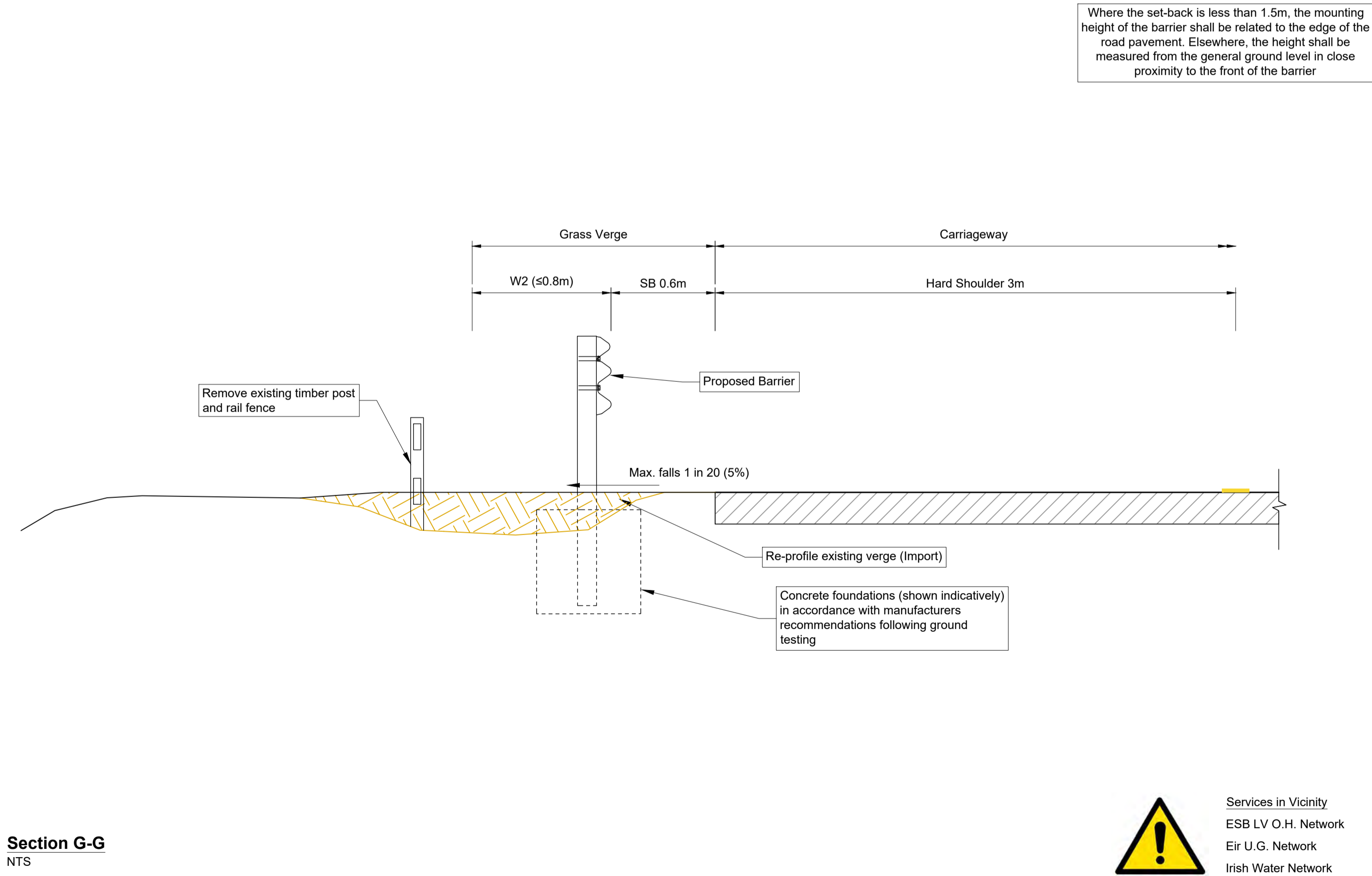
Existing vegetation/tree line



Existing verge and timber post and rail fence



Existing verge looking north



Section G-G  
NTS



Site Location  
NTS



General Notes

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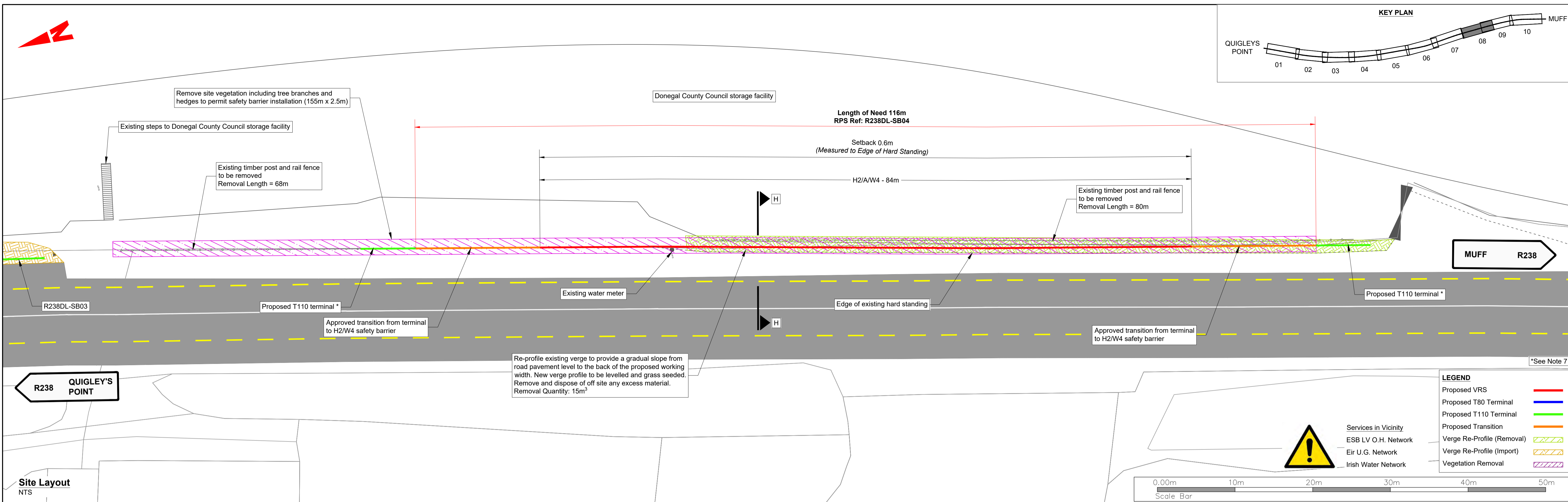
Rev	Date	Drawn/Checked	Amendment / Issue	App
S4.P01	07.11.23	RJM/PO	REVIEW AND AUTHORIZATION	QC

Model File Identifier  
IE000842-RPS-XR-XX-M-C-0003

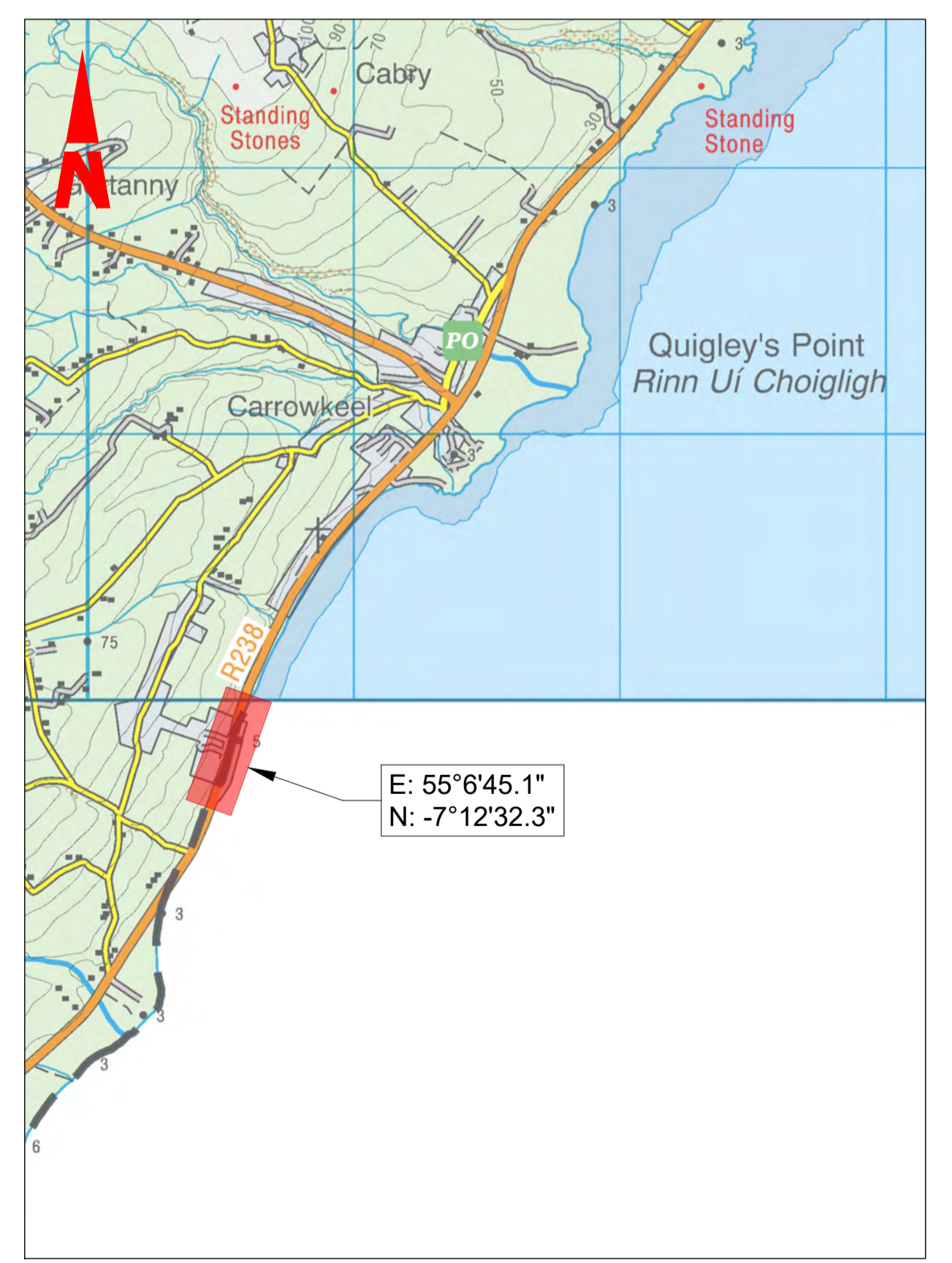
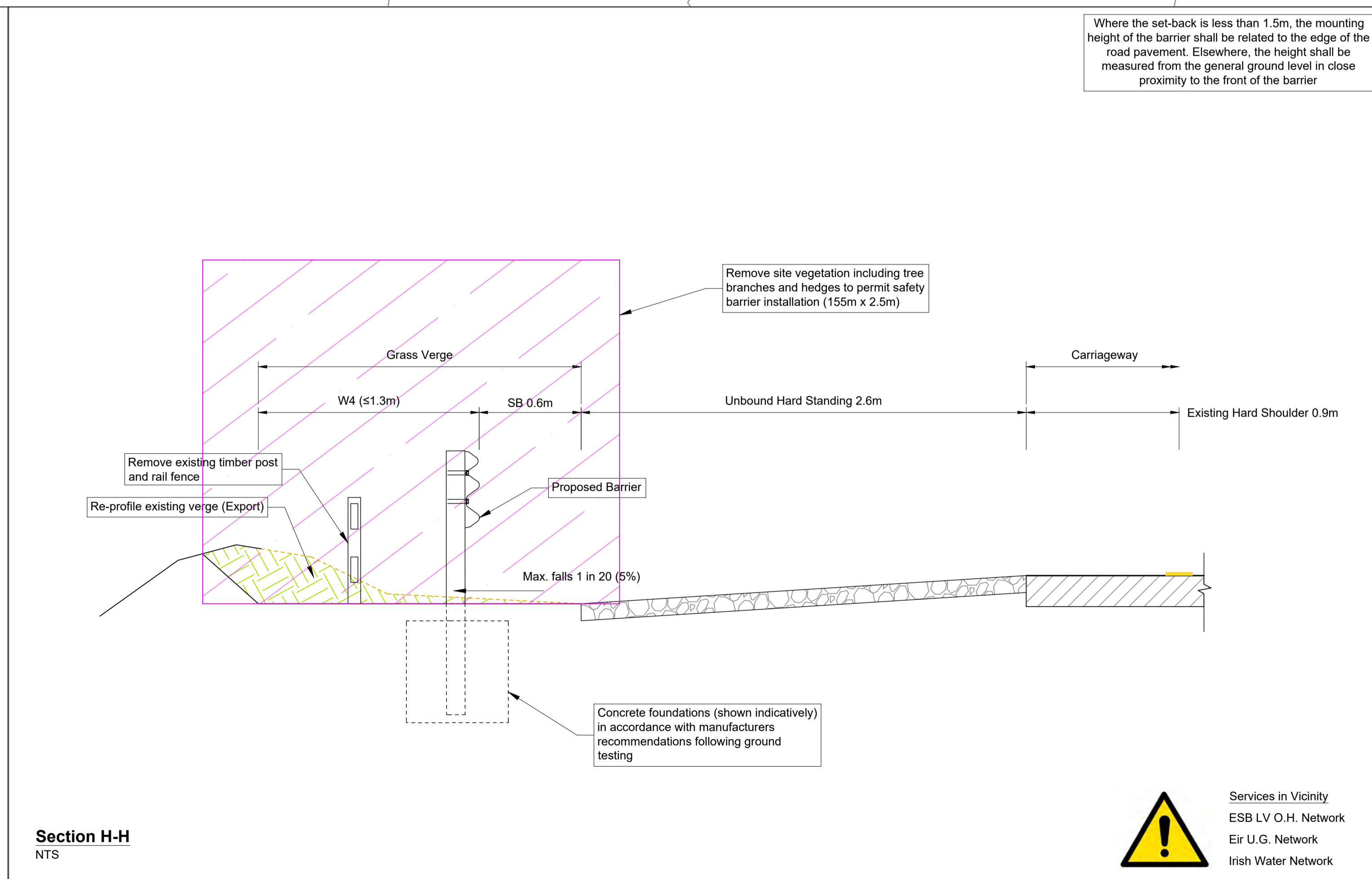
Scale	N.T.S. @ A1 N.T.S. @ A3
Created on	AUGUST 2023
Sheets	07 of 10

Project	R238 THE THREE TREES, QUIGLEYS POINT, CO. DONEGAL
Title	PROPOSED SAFETY BARRIER R238DL-SB03
File Identifier	IE000842-RPS-SB-XX-D-C-0002-07
Status	S4
Rev	P01

T:\IE000842 - Donegal Regional Road VRS\0 Drawings\01\IE000842-RPS-SB-XX-D-C-0002 - R238 Barrier Design.dwg



- Notes:**
- Proposed safety barriers shall comply with the requirements of TII Publication CC-SPW-00400 and TII Publications DN-REQ-03034 The Design of Road Restraint Systems (Vehicle and Pedestrian) for Roads and Bridges, DN-REQ-03079 Design of Road Restraint Systems for Constrained Locations (Online Improvements, Retrofitting and Urban Settings) and DN-GEO-03036 Cross Sections and Headroom.
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  - Where required, importation, handling and compaction of earthwork materials shall comply with the requirements TII Publication CC-SPW-00600 Specification for Roadworks Series 600.
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Client

**Comhairle Contae Dhún na nGall**  
Donegal County Council

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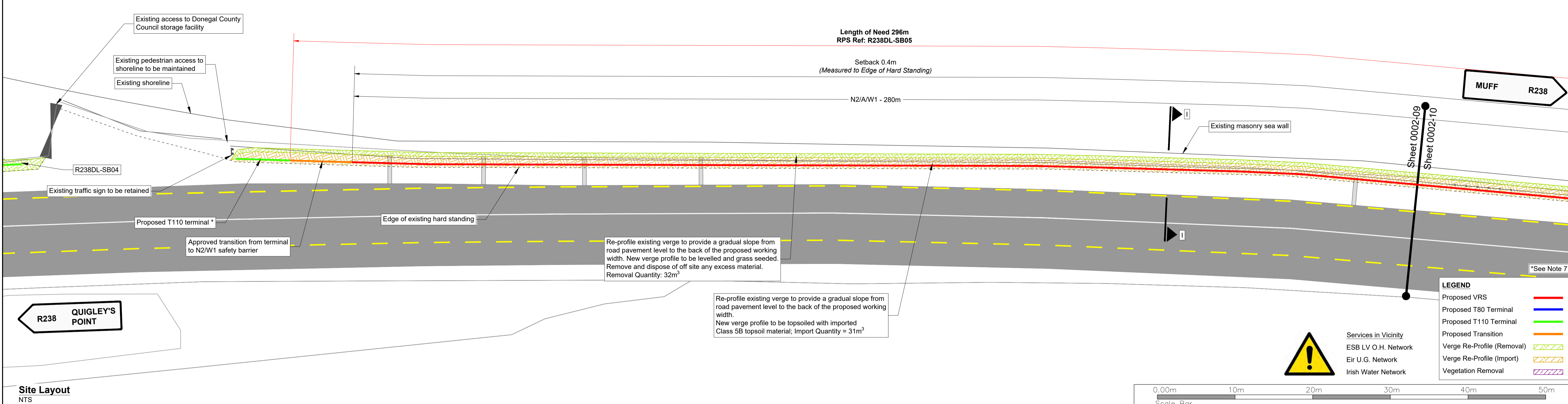
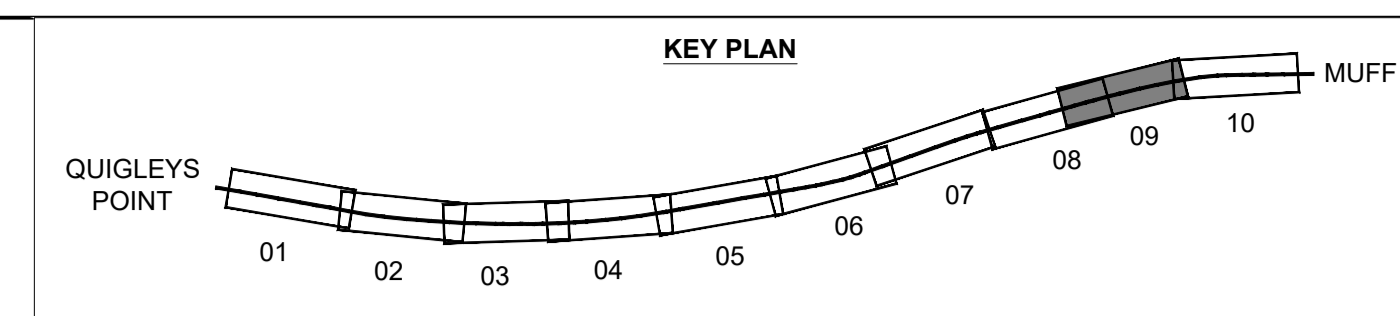
Rev	Date	Drawn/Checked	Amendment / Issue	App
S4.P01	07.11.23	RJM/PO	REVIEW AND AUTHORIZATION	QC

**RPS**  
A TETRA TECH COMPANY

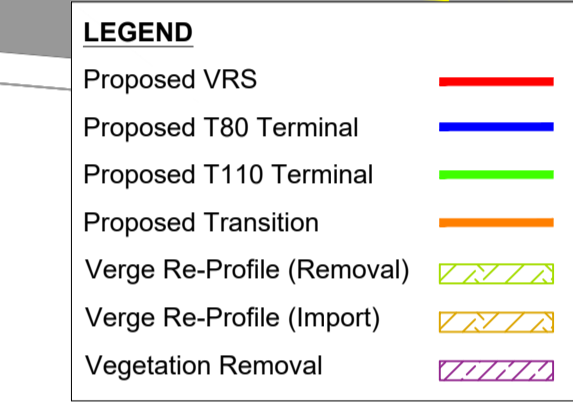
Model File Identifier  
IE000842-RPS-XR-XX-M-C-0003

Scale	N.T.S. @ A1 N.T.S. @ A3	Project	R238 THE THREE TREES, QUIGLEYS POINT, CO. DONEGAL
Created on	AUGUST 2023	Title	PROPOSED SAFETY BARRIER R238DL-SB04
Sheets	08 of 10	File Identifier	IE000842-RPS-SB-XX-D-C-0002-08
Status	S4	Rev	P01



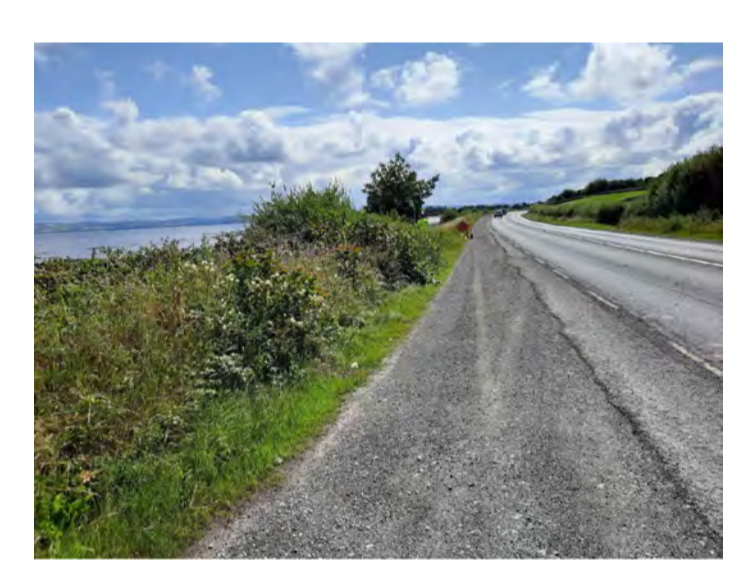


Site Layout  
NTS



Notes:

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Existing verge looking south

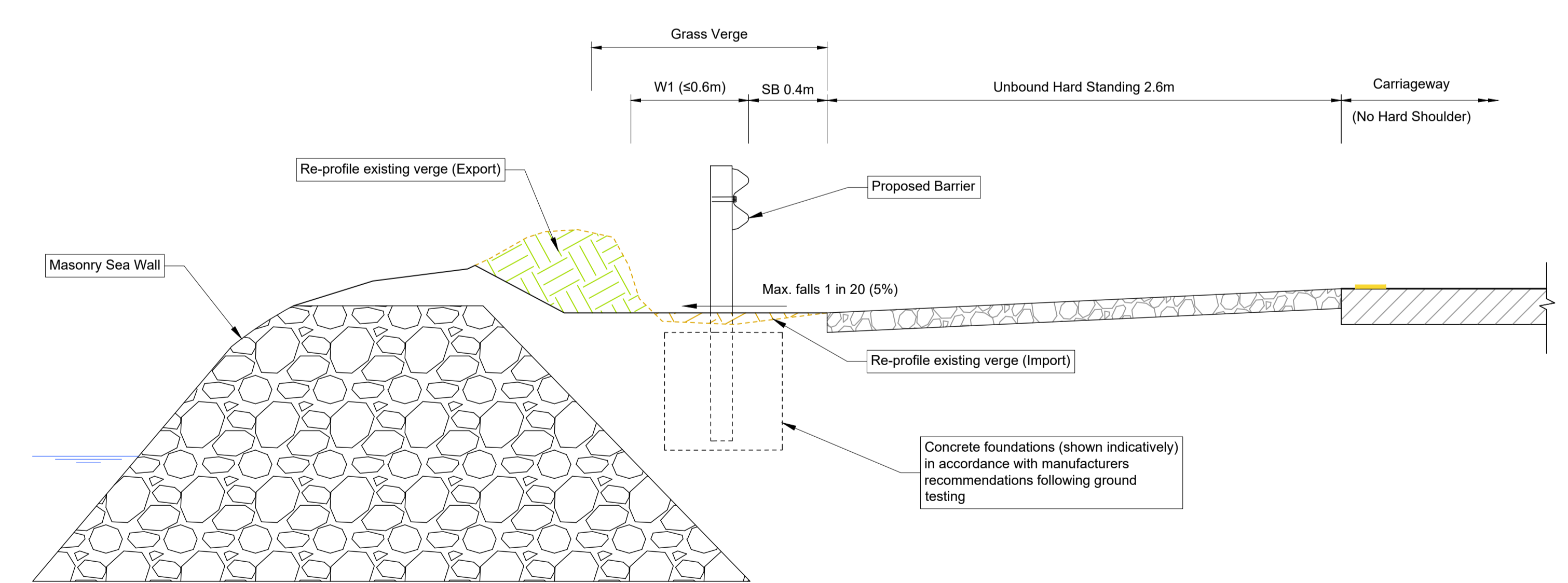


Existing verge and sea wall

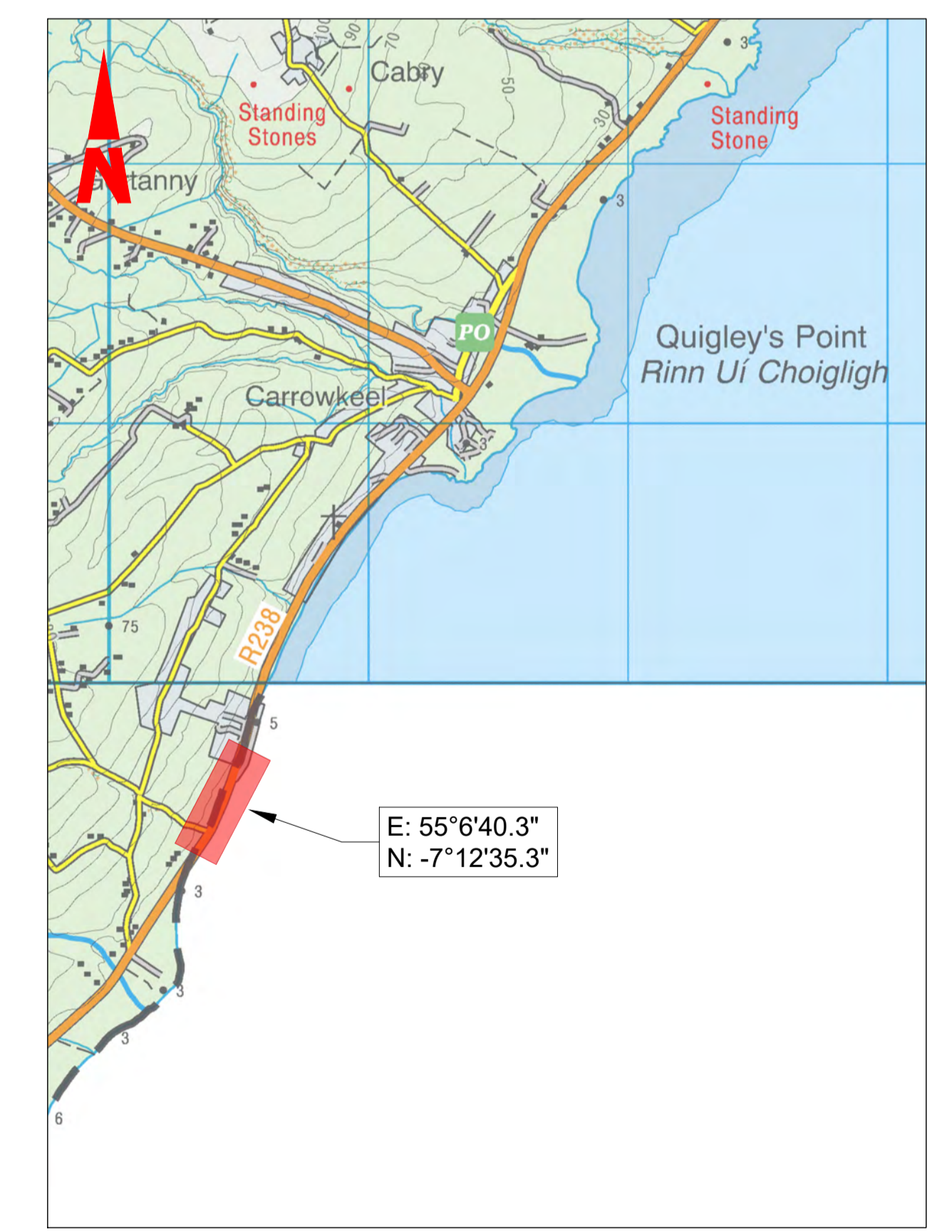


Existing verge looking north

Where the set-back is less than 1.5m, the mounting height of the barrier shall be related to the edge of the road pavement. Elsewhere, the height shall be measured from the general ground level in close proximity to the front of the barrier



Section I-I  
NTS



Site Location  
NTS

Client



**Comhairle Contae  
Dhún na nGall  
Donegal County Council**

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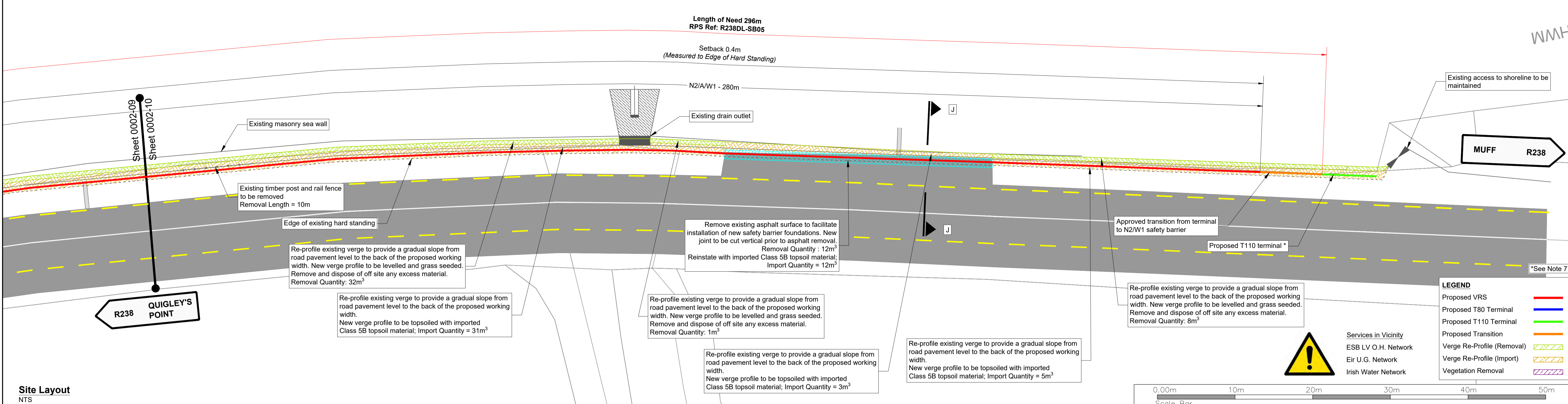
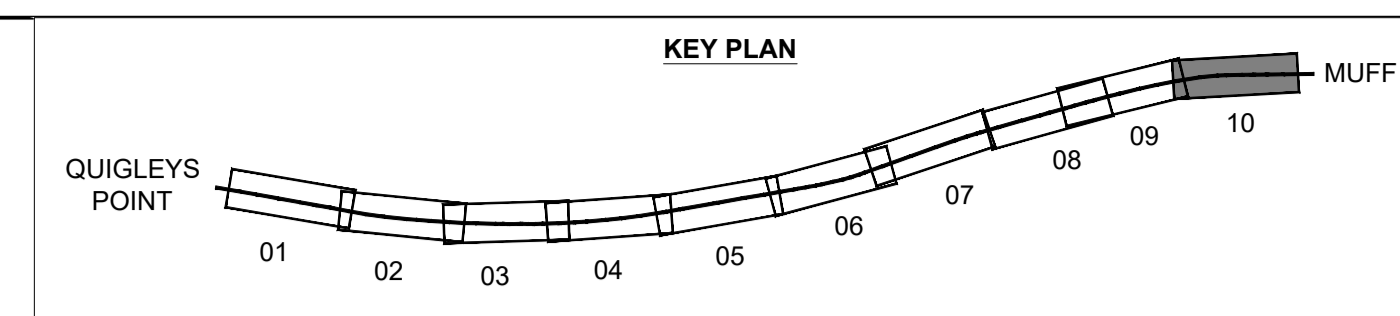
Rev	Date	Drawn/Checked	Amendment / Issue	App
S4.P01	07.11.23	RJM/PO	REVIEW AND AUTHORIZATION	QC



**RPS**  
A TETRA TECH COMPANY

Model File Identifier  
IE000842-RPS-XR-XX-M-C-0003

Scale	N.T.S. @ A1 N.T.S. @ A3	Project	R238 THE THREE TREES, QUIGLEYS POINT, CO. DONEGAL
Created on	AUGUST 2023	Title	PROPOSED SAFETY BARRIER R238DL-SB05
Sheets	09 of 10	File Identifier	IE000842-RPS-SB-XX-D-C-0002-09
Status	S4	Rev	P01

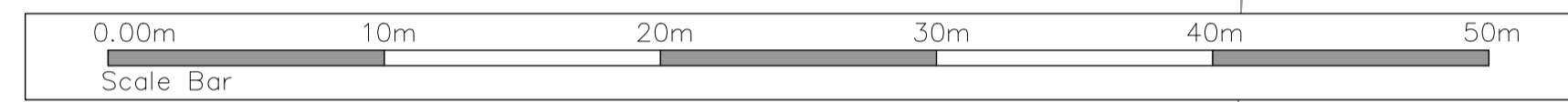


Site Layout  
NTS

**LEGEND**

- Proposed VRS
- Proposed T80 Terminal
- Proposed T110 Terminal
- Proposed Transition
- Verge Re-Profile (Removal)
- Verge Re-Profile (Import)
- Vegetation Removal

Services in Vicinity  
 ESB LV O.H. Network  
 Eir U.G. Network  
 Irish Water Network



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Existing drain outlet

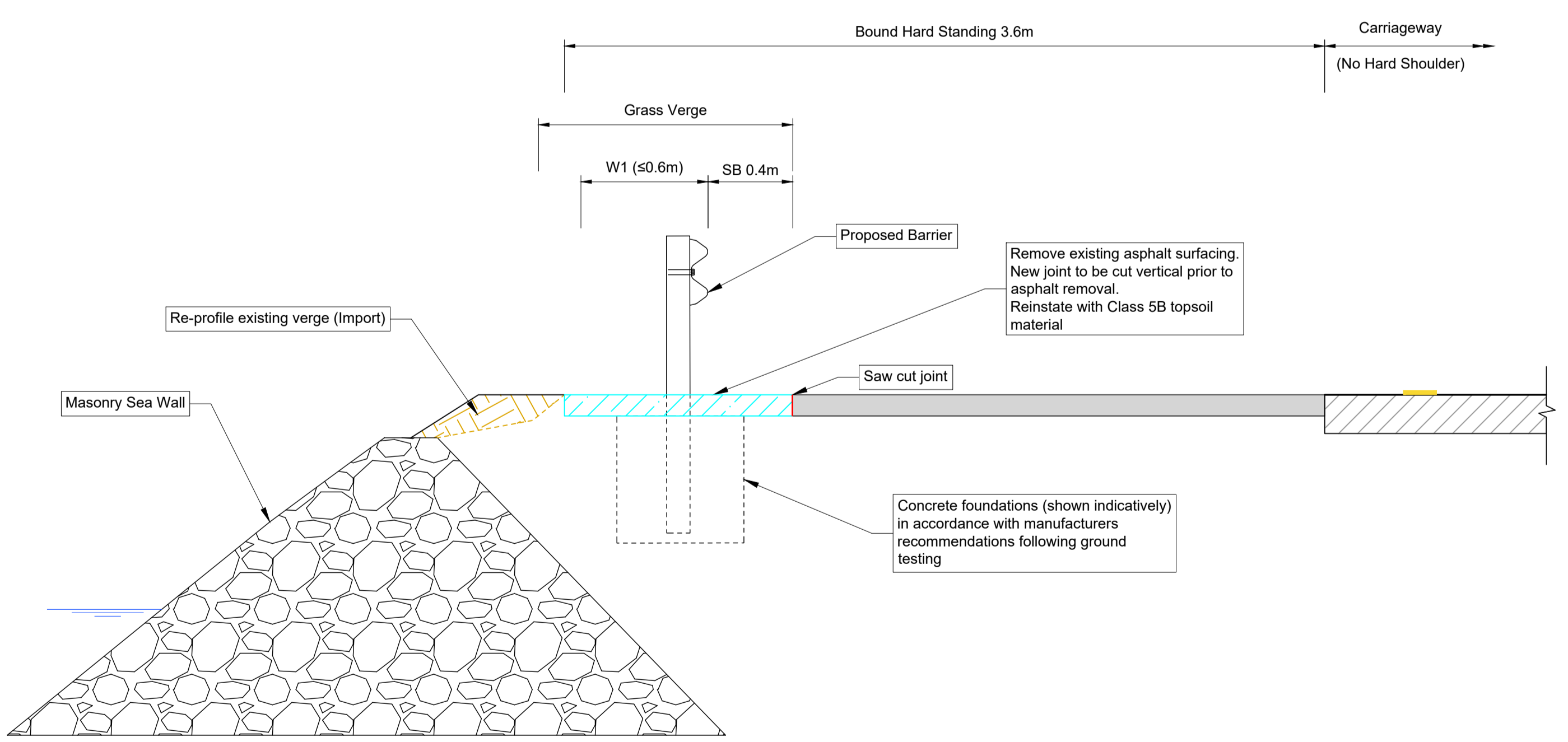


Existing verge looking south

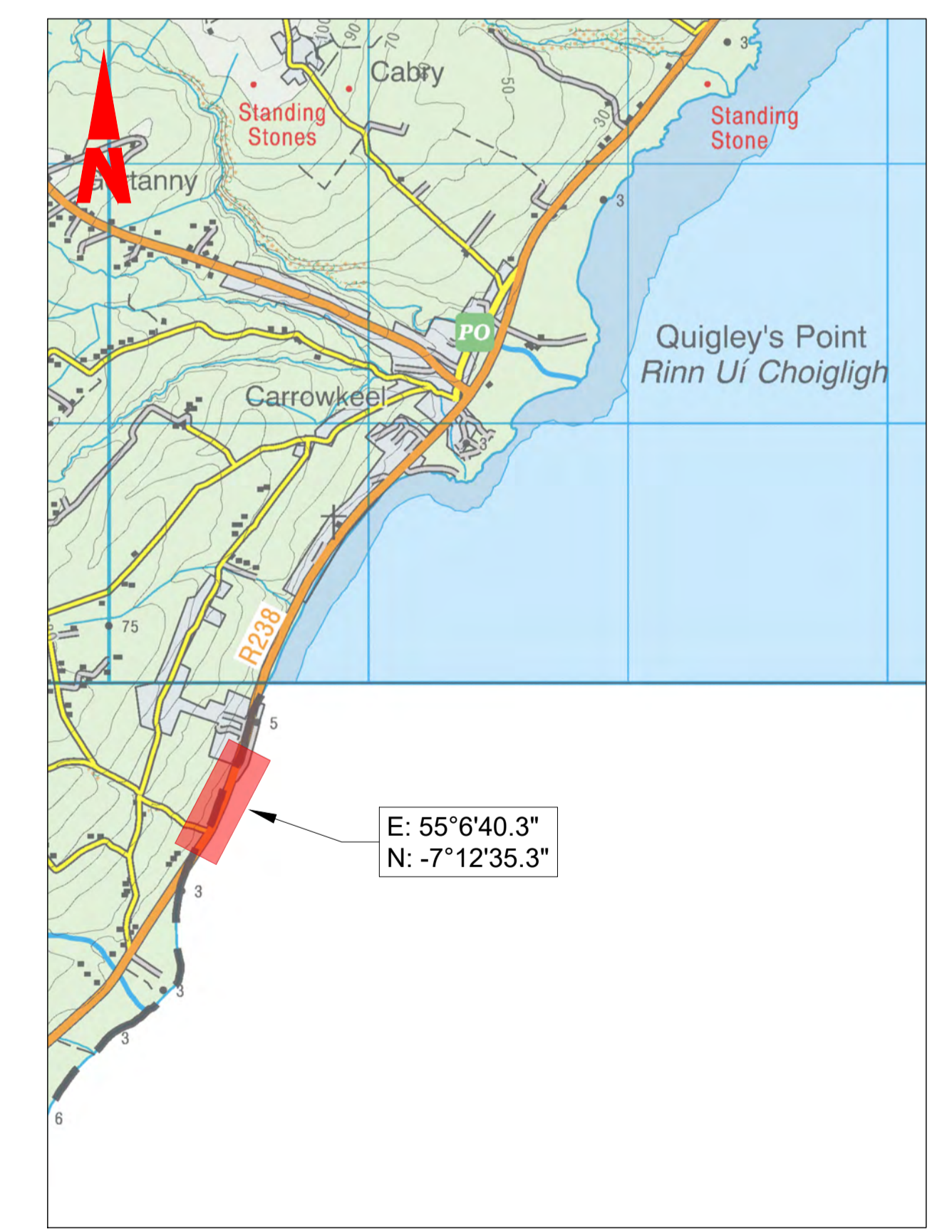


Existing access to shoreline

Where the set-back is less than 1.5m, the mounting height of the barrier shall be related to the edge of the road pavement. Elsewhere, the height shall be measured from the general ground level in close proximity to the front of the barrier



Section J-J  
NTS



Site Location  
NTS

Services in Vicinity  
 ESB LV O.H. Network  
 Eir U.G. Network  
 Irish Water Network

Client

**Comhairle Contae  
Dhún na nGall  
Donegal County Council**

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Rev	Date	Drawn/Checked	Amendment / Issue	App
S4	P01	07.11.23	REVIEW AND AUTHORIZATION	QC

Model File Identifier  
IE000842-RPS-XR-XX-M-C-0003

Scale	N.T.S. @ A1 N.T.S. @ A3	Project	R238 THE THREE TREES, QUIGLEYS POINT, CO. DONEGAL
Created on	AUGUST 2023	Title	PROPOSED SAFETY BARRIER R238DL-SB05
Sheets	10 of 10	File Identifier	IE000842-RPS-SB-XX-D-C-0002-10
Status	S4	Rev	P01

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