

# South Western CFRAM Study

Preliminary Options Report UoM 22

July 2016

The Office of Public Works



# South Western CFRAM Study

Preliminary Options Report UoM 22

July 2016

The Office of Public Works

Jonathan Swift Street  
Trim  
Co. Meath

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# Issue and Revision Record

Revision	Date	Originator	Checker	Approver	Description
A	December 2015	TD / RM / JD	B. O'Connor	F. McGivern	Draft Issue
B	March 2016	T. Donovan	B. O'Connor	F. McGivern	Draft Issue
C	May 2016	T. Donovan	B. O'Connor	F. McGivern	Draft Final
D	June 2016	T. Donovan	B. O'Connor	F. McGivern	Final
E	July 2016	J Desmond	T Donovan	F McGivern	Final

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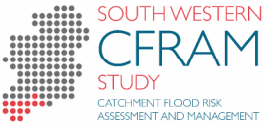
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## Appendix B. Drawings of Potential FRM Options



- Storage**
- Storage Embankment
  - Area
- Flood Defence Walls**
- Flood Defence Embankment**
- Pump Station**



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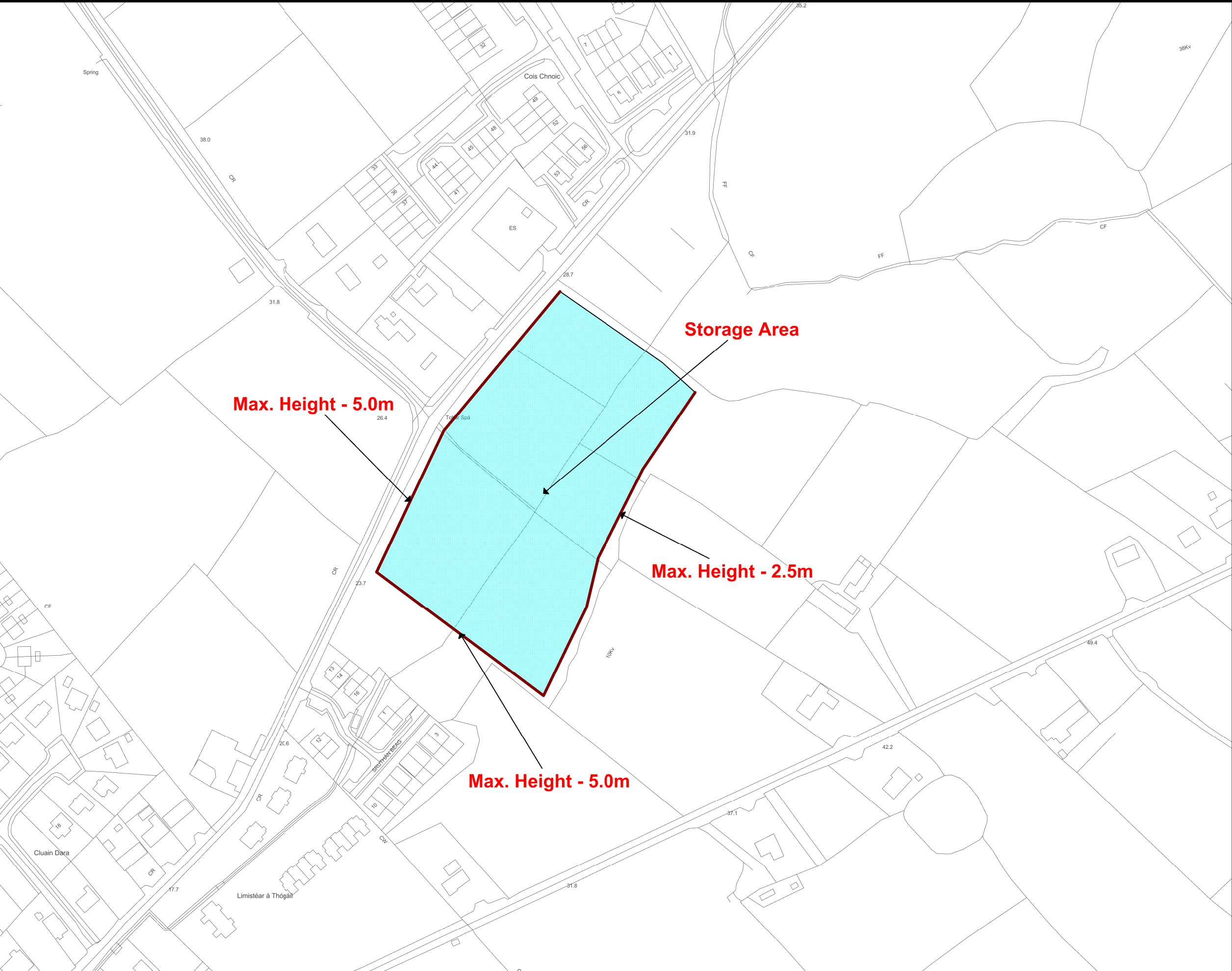
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Map : Dingle Storage and Flood Defences - Overview	
Map Type:	Preliminary Options
Source:	Fluvial & Tidal Flooding
Map Area:	Urban Area
Scenario:	Current
Drawn by:	Tony Donovan
Checked by:	Barry O'Connor
Approved by:	Fintan McGivern
Map No.:	MMD-296235-E-DR-22-DE-201-P1
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Revision:	P1
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**Storage**

Storage Embankment

Area

**Flood Defence Walls**

**Flood Defence Embankment**

**Pump Station**



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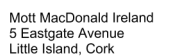
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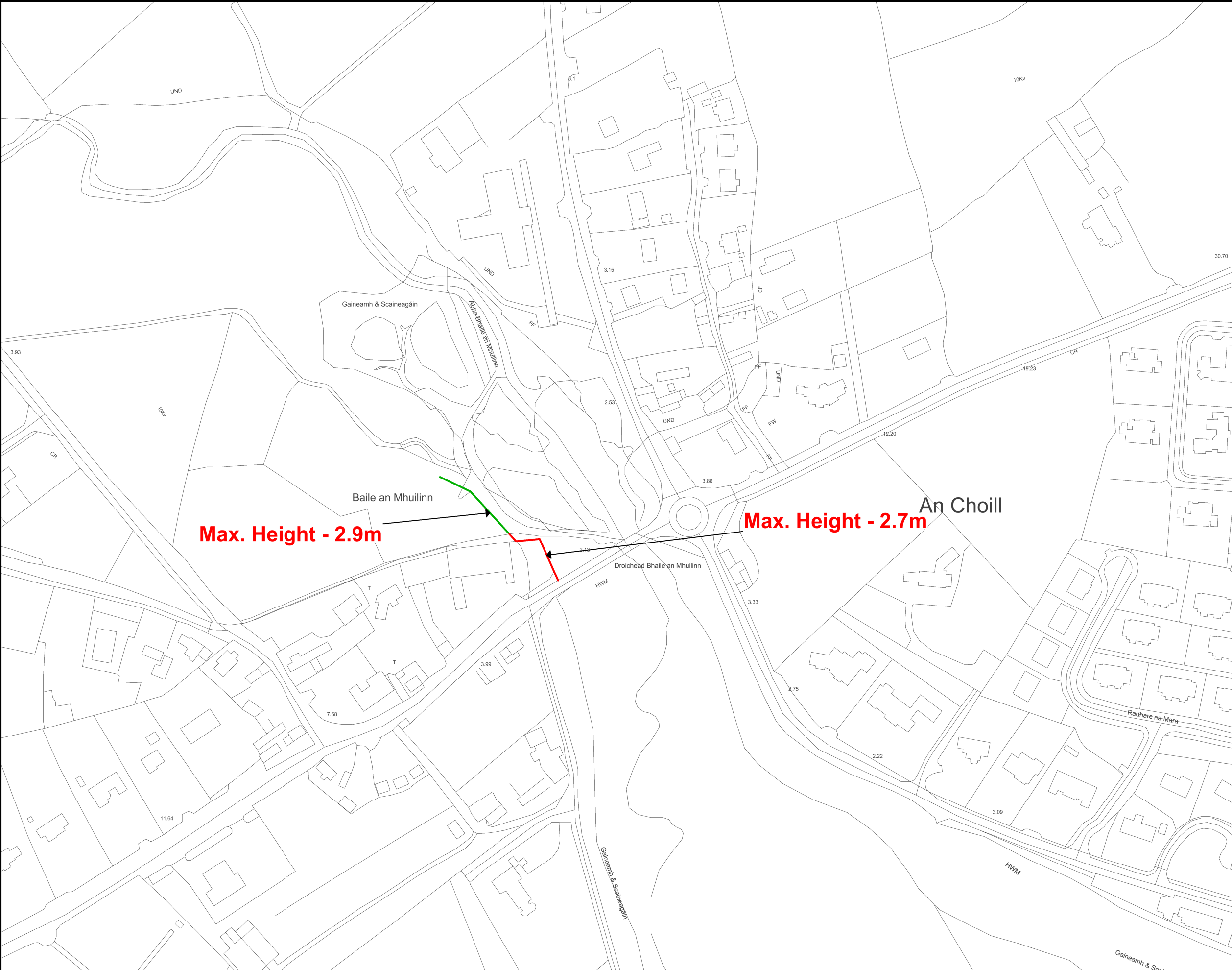
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Storage

Storage Embankment

Area

Flood Defence Walls

Flood Defence Embankment

Pump Station



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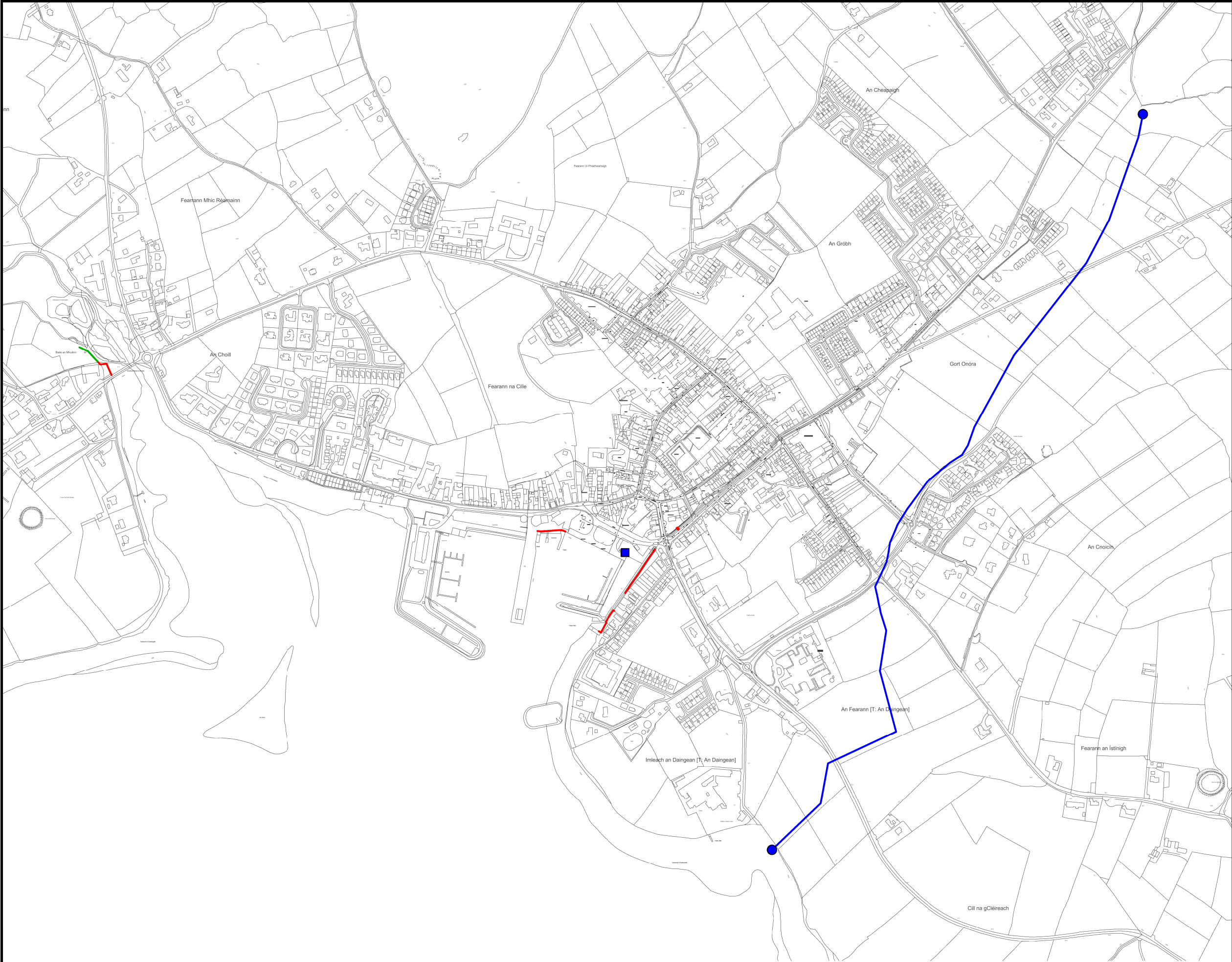
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- Flow Diversion
- Flood Defence Walls
- Flood Defence Embankment
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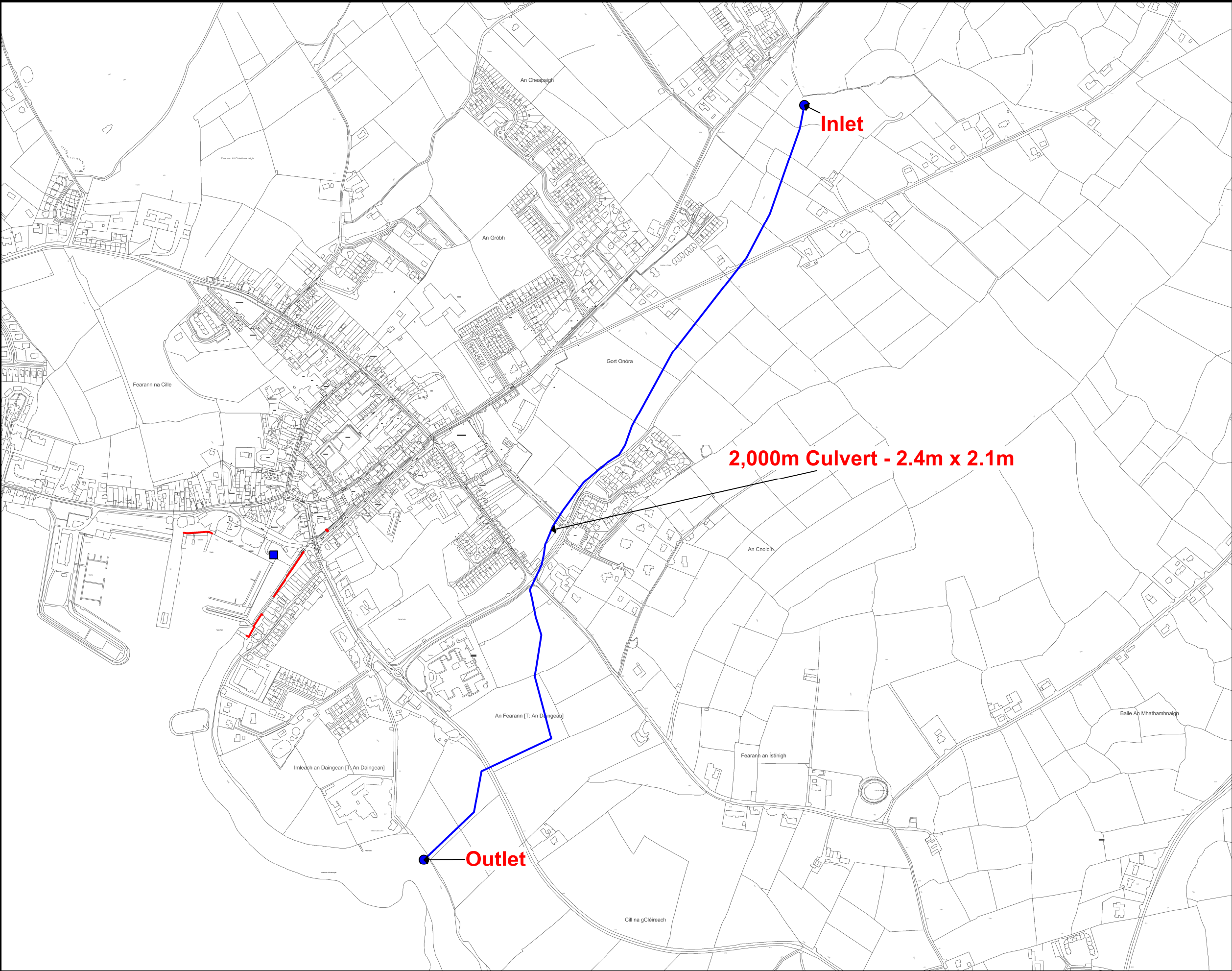
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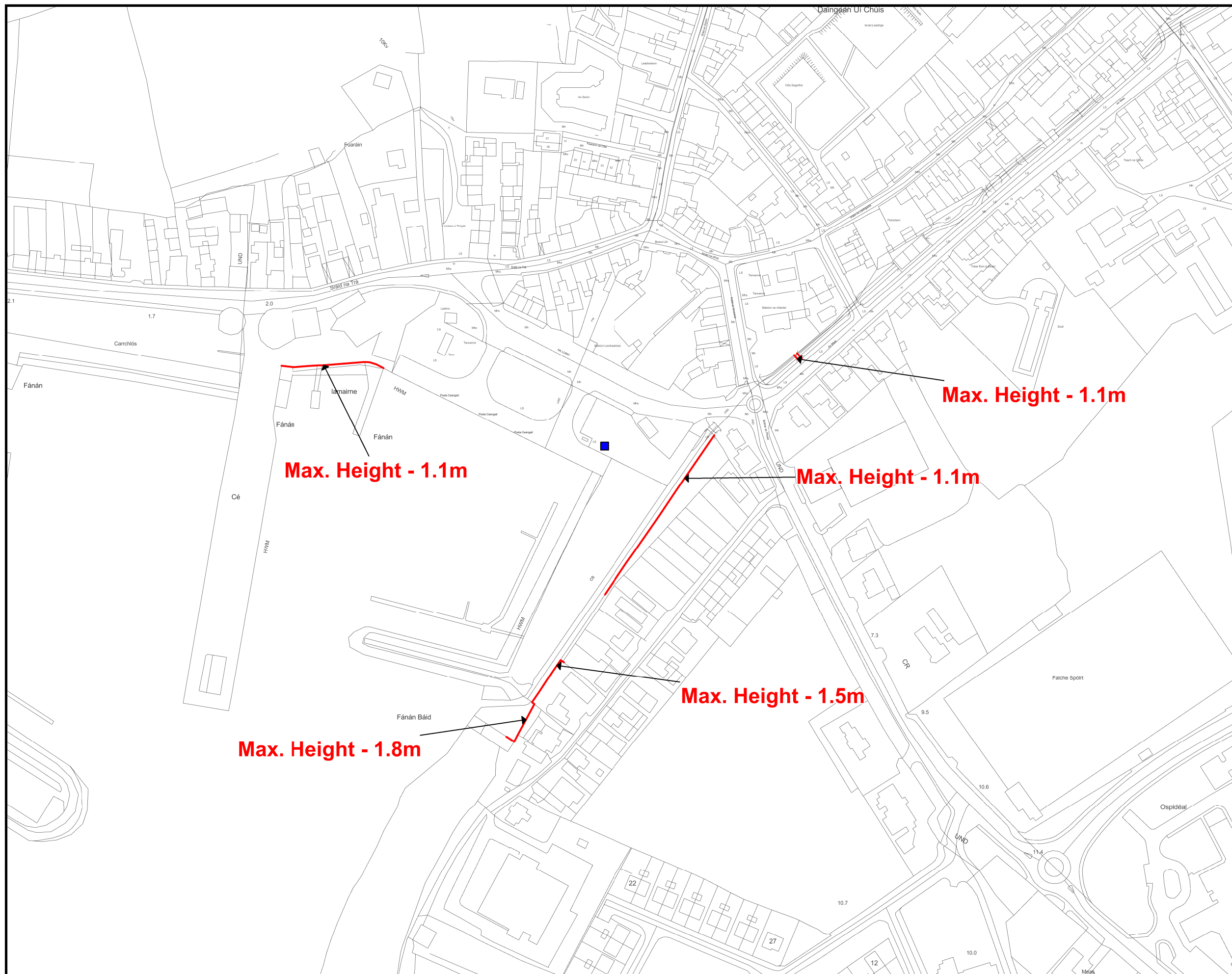
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Flood Defence Embankment  
Pump Station



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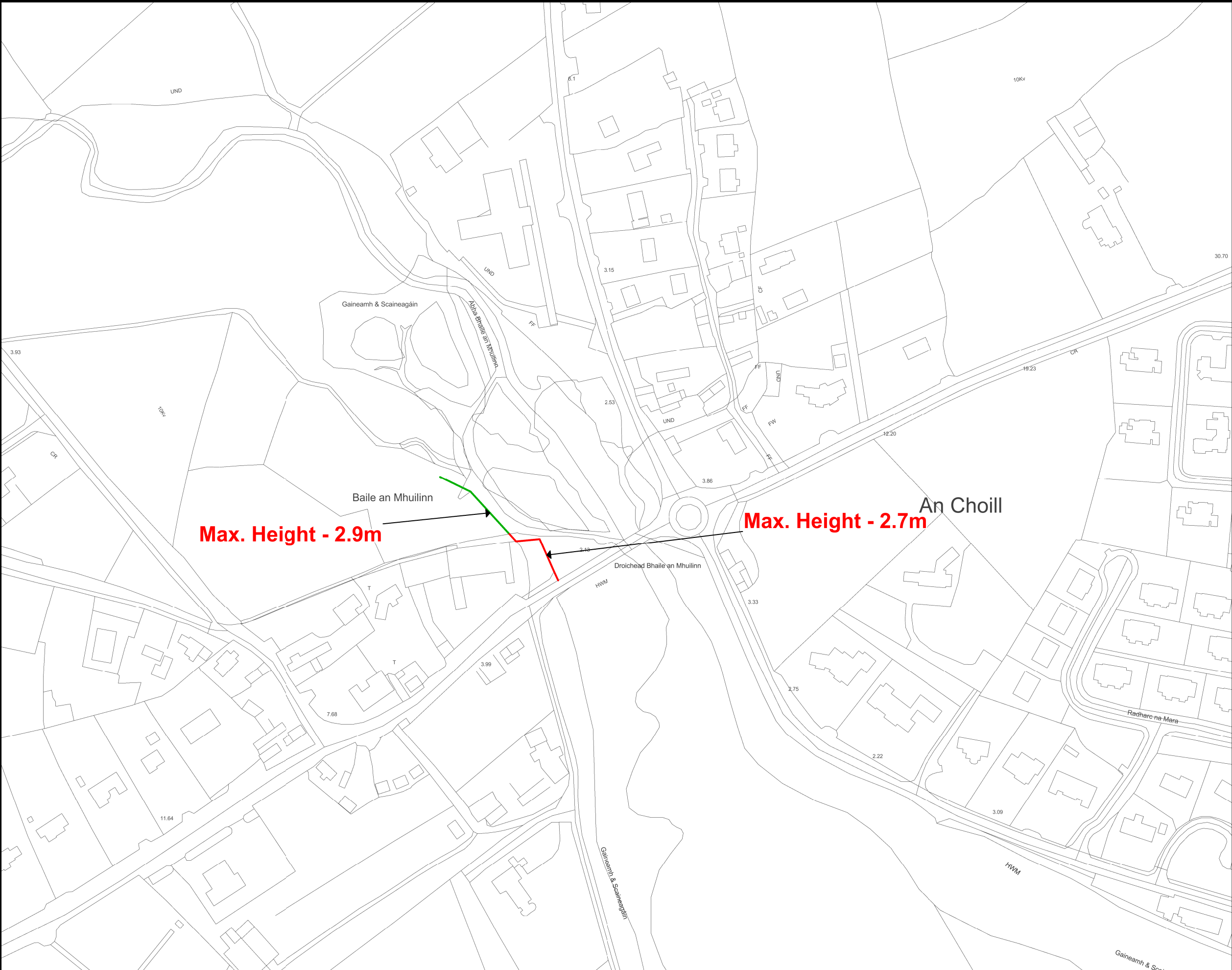
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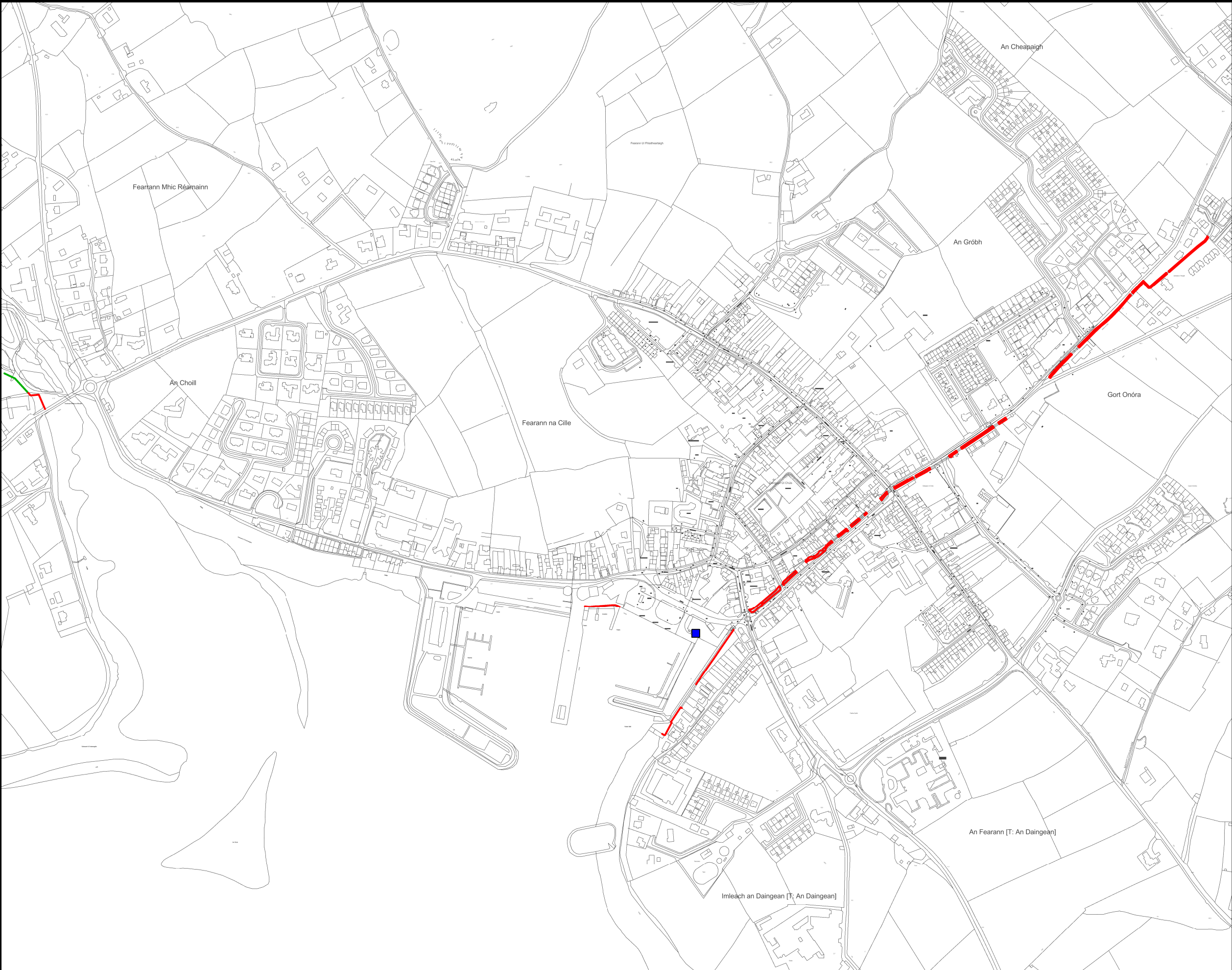
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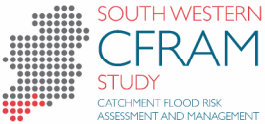




Flood Defence Walls

Flood Defence Embankment

Pump Station



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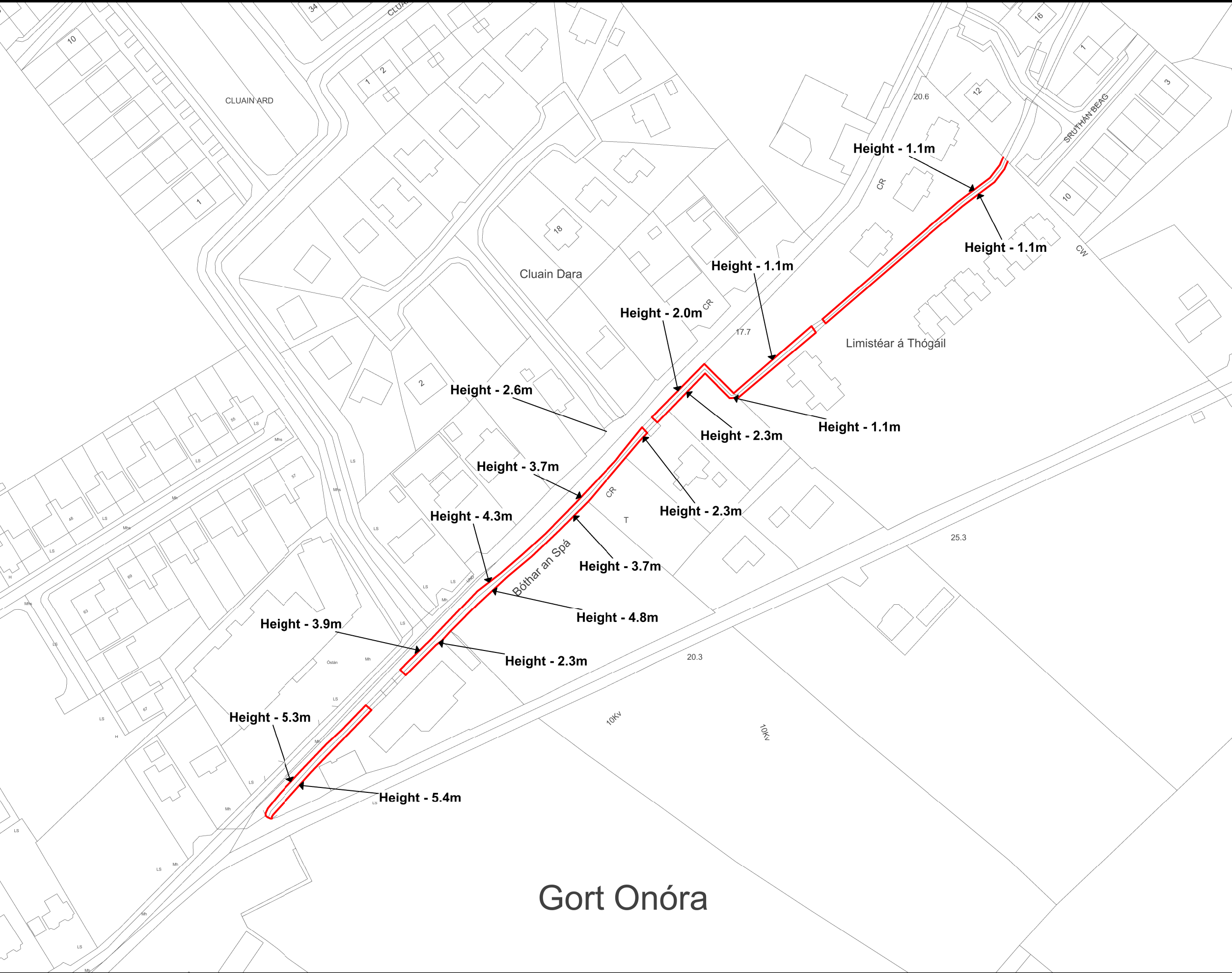
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Project : <b>South Western CFRAM Study</b>	
Map : <b>Dingle</b> <b>Flood Defences - Overview</b>	
Map Type:	Preliminary Options
Source:	Fluvial & Tidal Flooding
Map Area:	Urban Area
Scenario:	Current
Drawn by:	Tony Donovan
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- Flood Defence Walls
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Project :  
**South Western CFRAM Study**

Map : **Dingle**  
**Flood Defences - Overview**

Map Type: Preliminary Options

Source: Fluvial & Tidal Flooding

Map Area: Urban Area

Scenario: Current

Drawn by: Tony Donovan

Checked by: Barry O'Connor

Approved by: Fintan McGivern

Map No.: MMD-296235-E-DR-22-DE-211-P1

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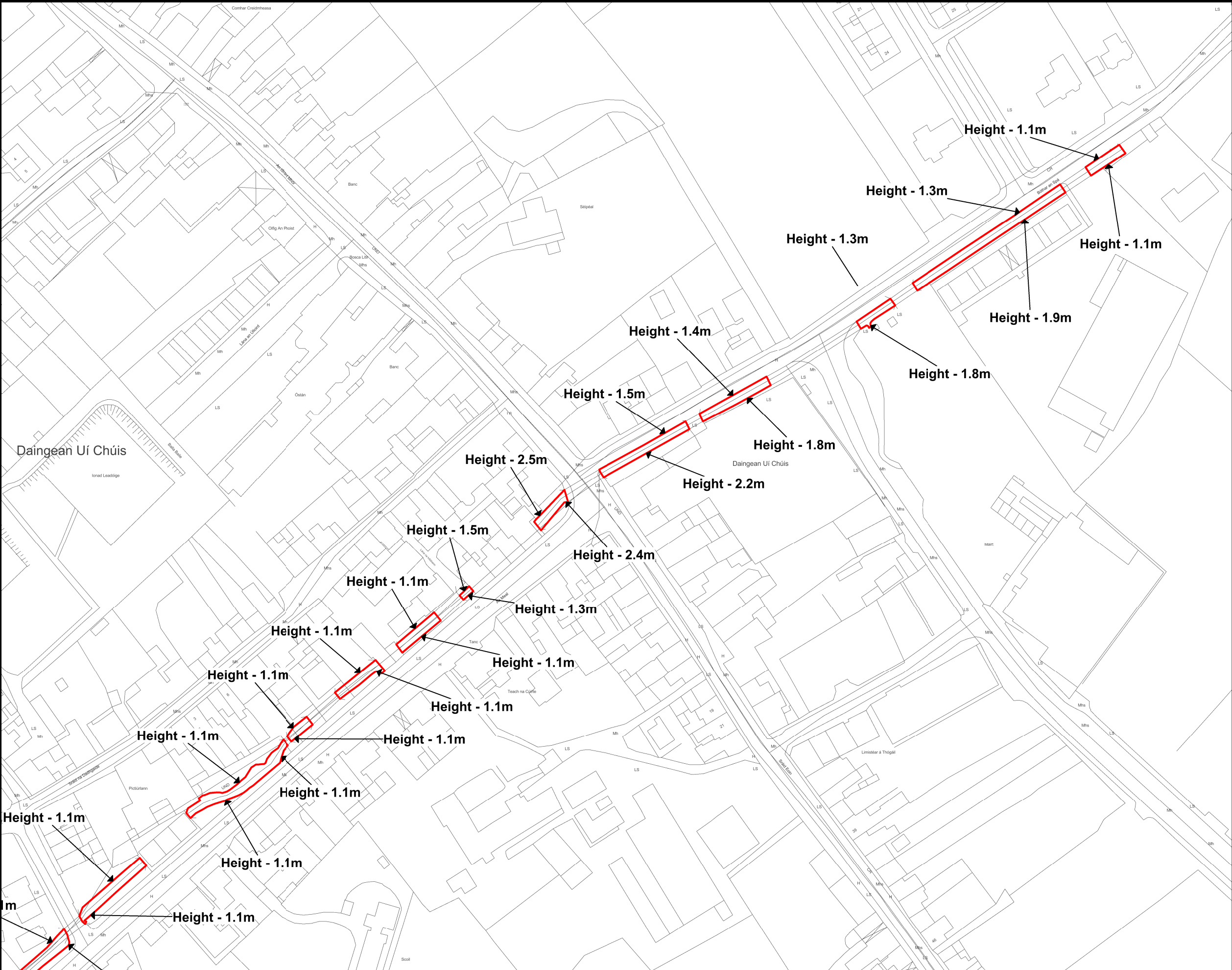


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Gort Onóra





Flood Defence Walls

Flood Defence Embankment

Pump Station



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Project :

South Western CFRAM Study

Map : Dingle

Flood Defences - Overview

Map Type: Preliminary Options

Source: Fluvial & Tidal Flooding

Map Area: Urban Area

Scenario: Current

Drawn by: Tony Donovan

Checked by: Barry O'Connor

Approved by: Fintan McGivern

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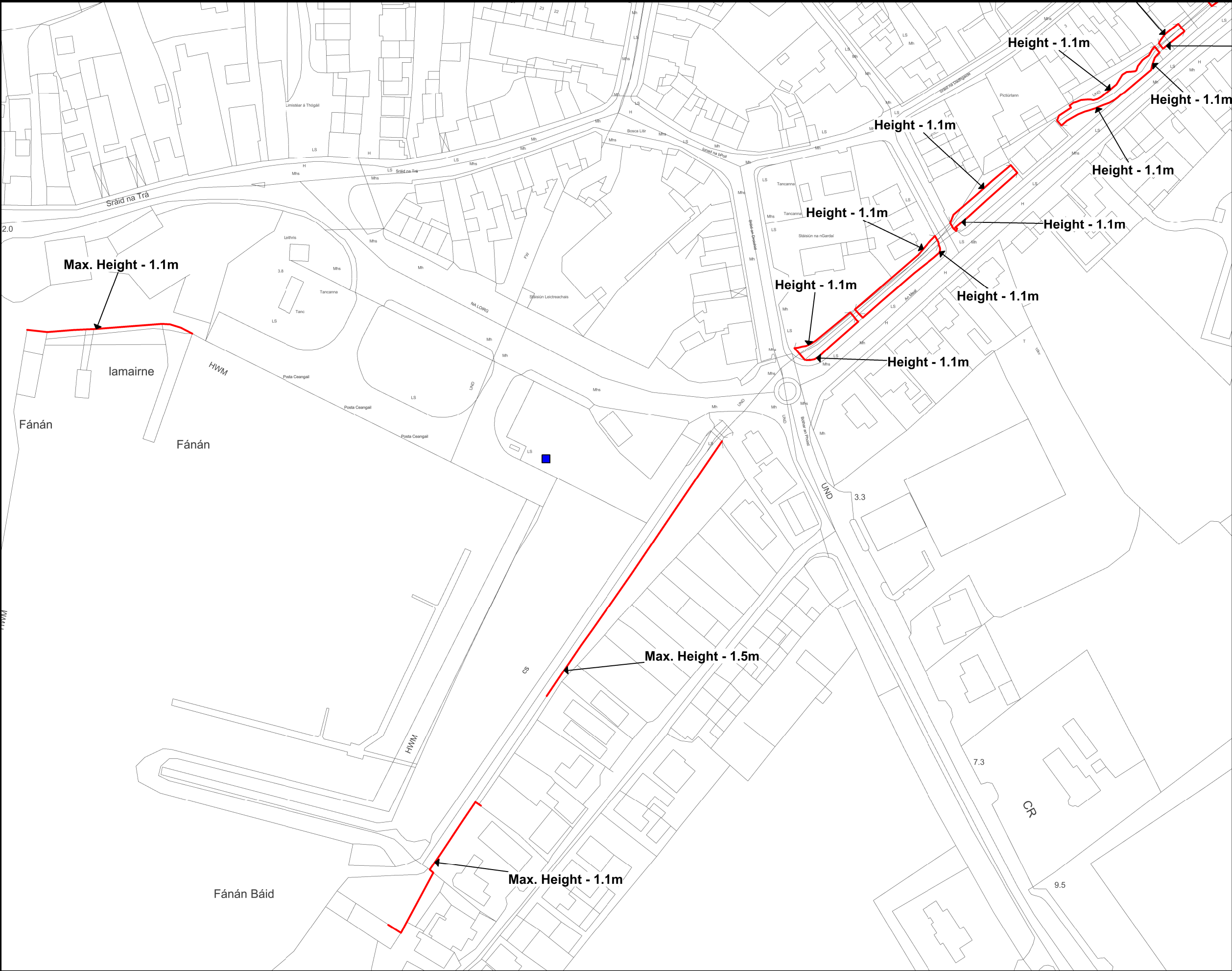
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Flood Defence Walls

Flood Defence Embankment

Pump Station



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Project :

South Western CFRAM Study

Map : Dingle

Flood Defences - Overview

Map Type: Preliminary Options

Source: Fluvial & Tidal Flooding

Map Area: Urban Area

Scenario: Current

Drawn by: Tony Donovan

Checked by: Barry O'Connor

Approved by: Fintan McGivern

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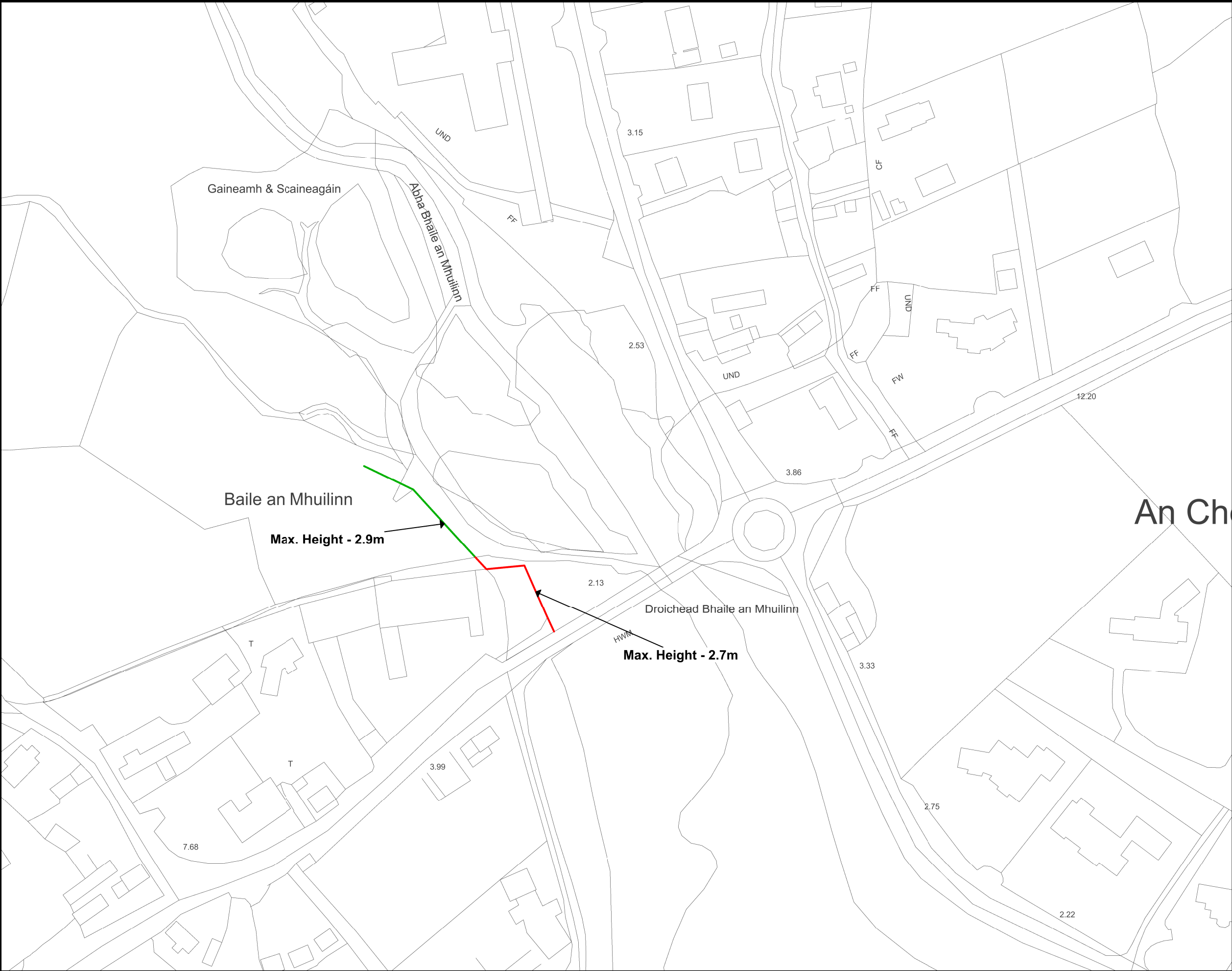
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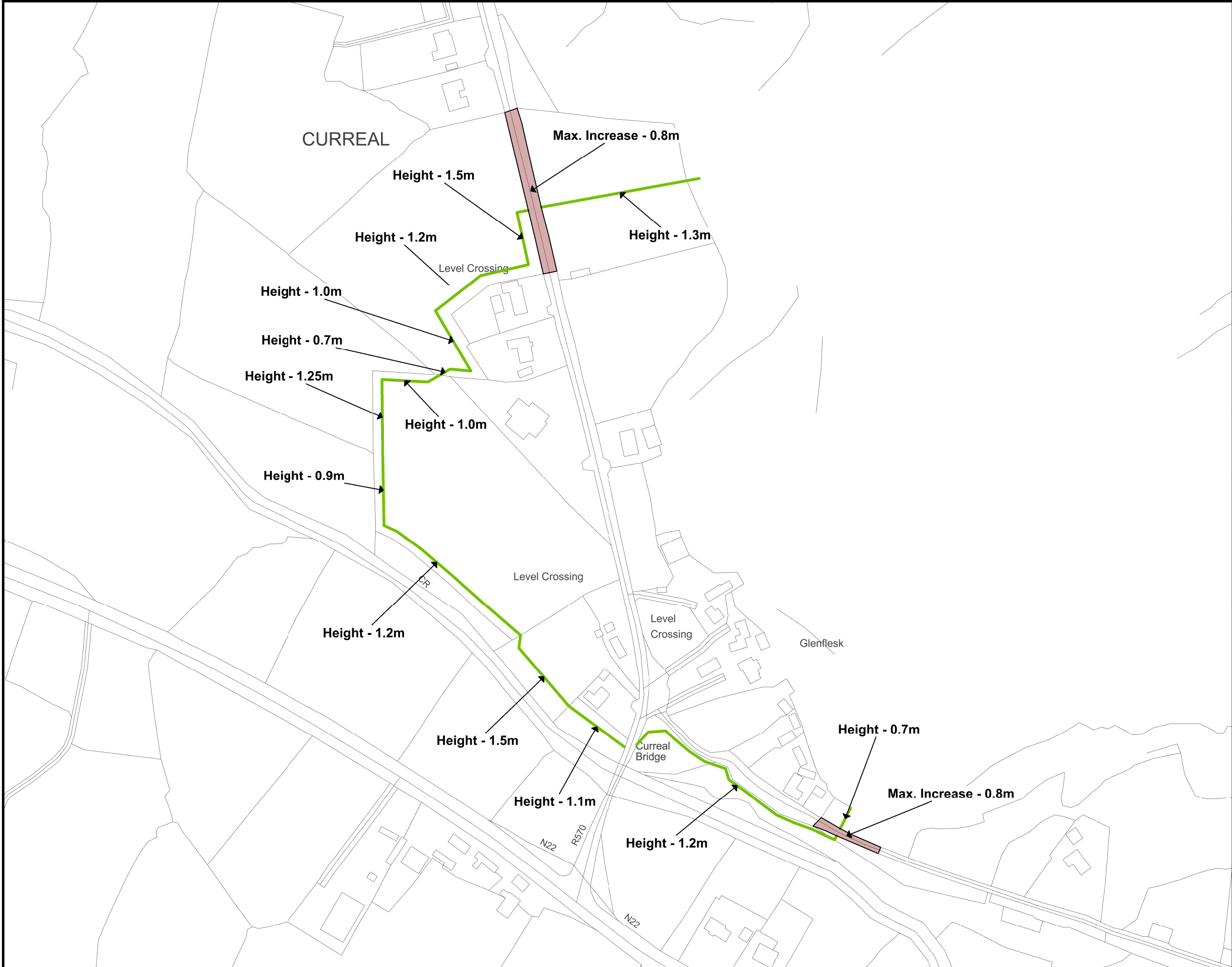
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Map Type:	Preliminary Options
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Checked by:	Barry O'Connor
Approved by:	Fintan McGivern
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Flood Defence Embankments

Road Raising



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Project :

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Map : Glenflesk

Flood Defences

Map Type: Preliminary Options

Source: Fluvial Flooding

Map Area: Urban Area

Scenario: Current

Drawn by: Tony Donovan

Checked by: Barry O'Connor

Approved by: Fintan McGivern

Map No.: MMD-296235-E-DR-22-GK-201-P1

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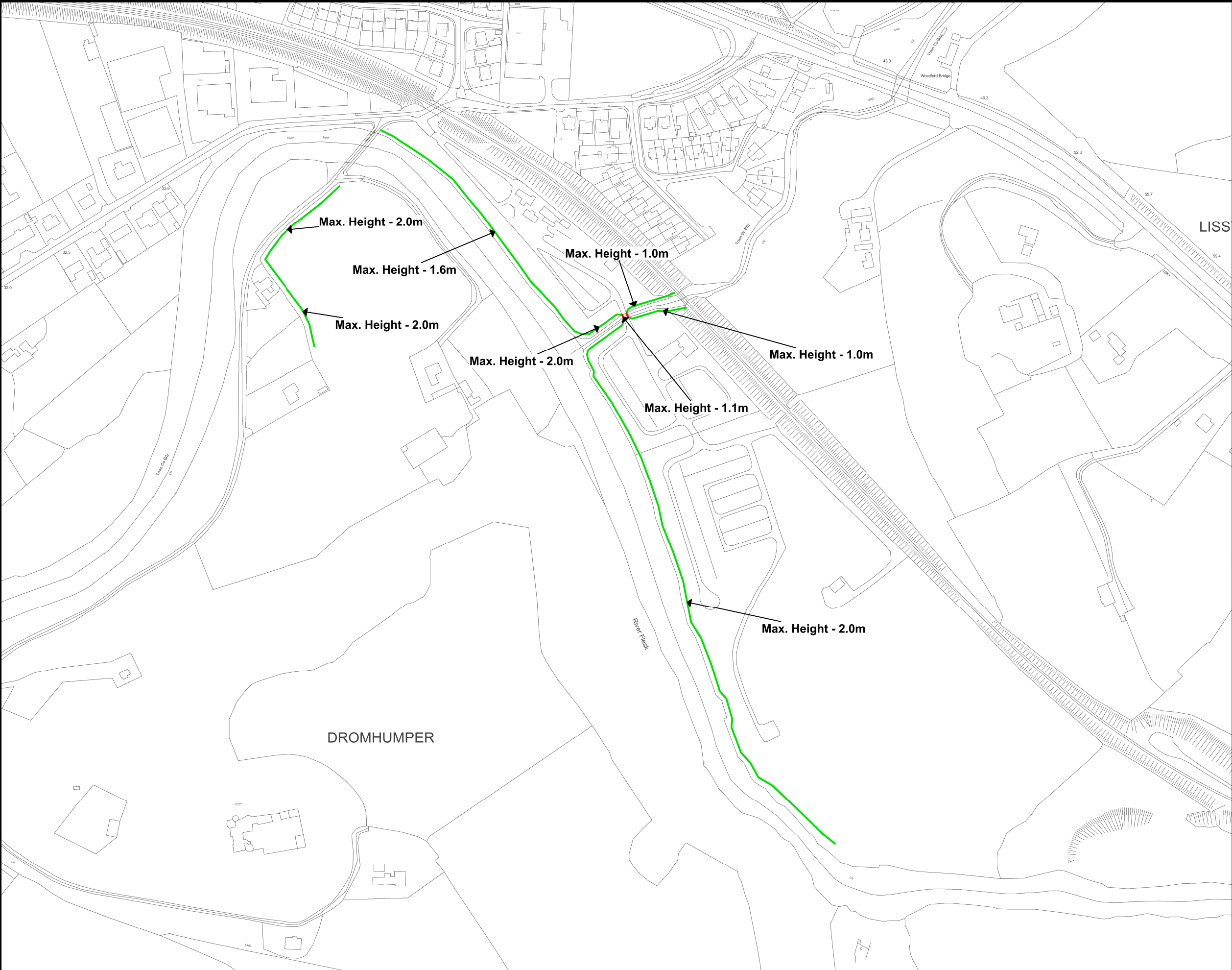


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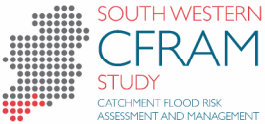




Flood Defence Walls

Flood Defence Embankments

Flood Resilience



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Project : <b>South Western CFRAM Study</b>	
Map : <b>Killarney - Emerging Preferred Option Fluvial Flood Defences</b>	
Map Type:	Preliminary Options
Source:	Fluvial Flooding
Map Area:	Urban Area
Scenario:	Current
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Checked by:	Barry O'Connor
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Flood Resilience



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Project :

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Map : Killarney - Emerging Preferred Option  
Fluvial Flood Defences

Map Type: Preliminary Options

Source: Fluvial Flooding

Map Area: Urban Area

Scenario: Current

Drawn by: Tony Donovan

Checked by: Barry O'Connor

Approved by: Fintan McGivern

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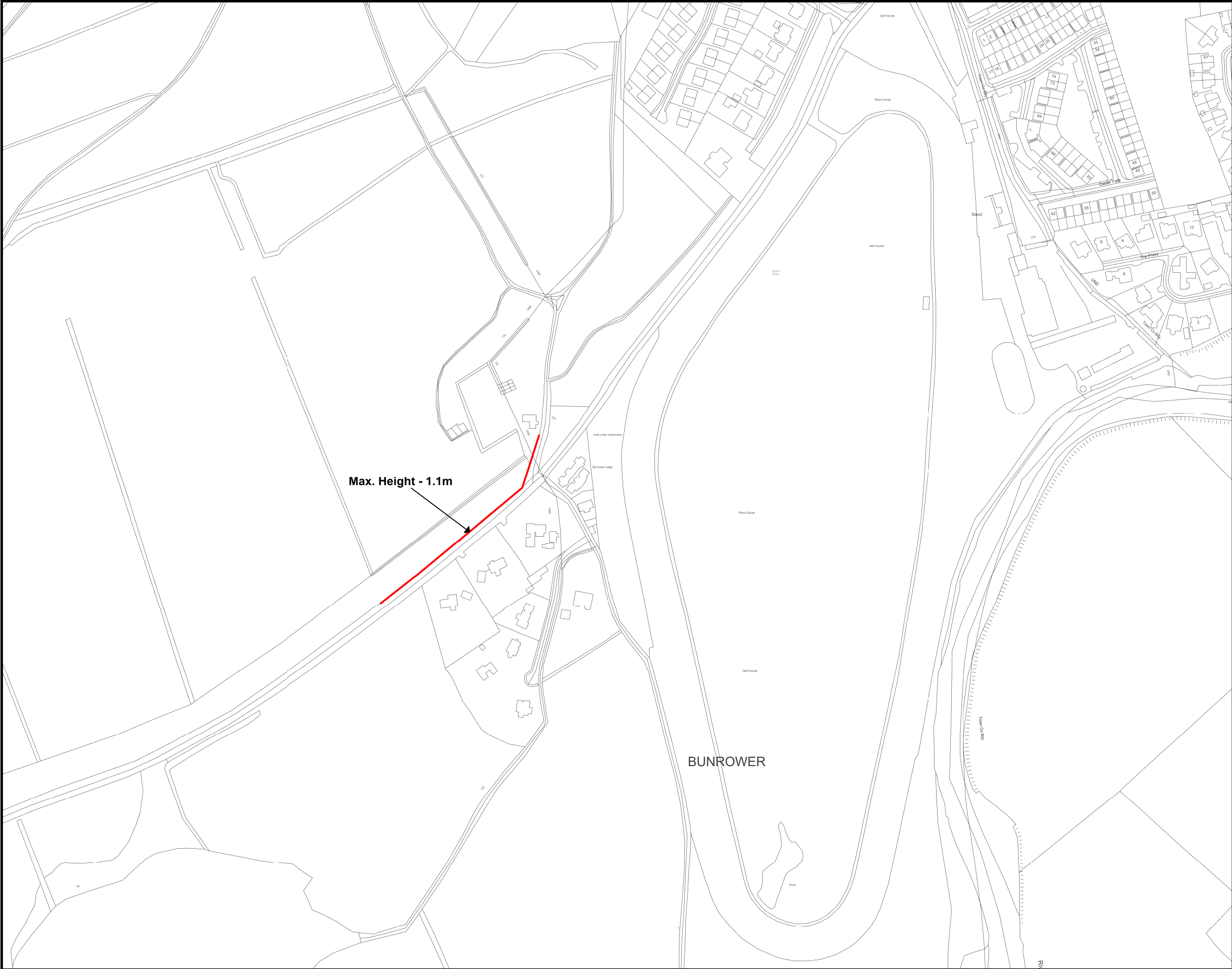
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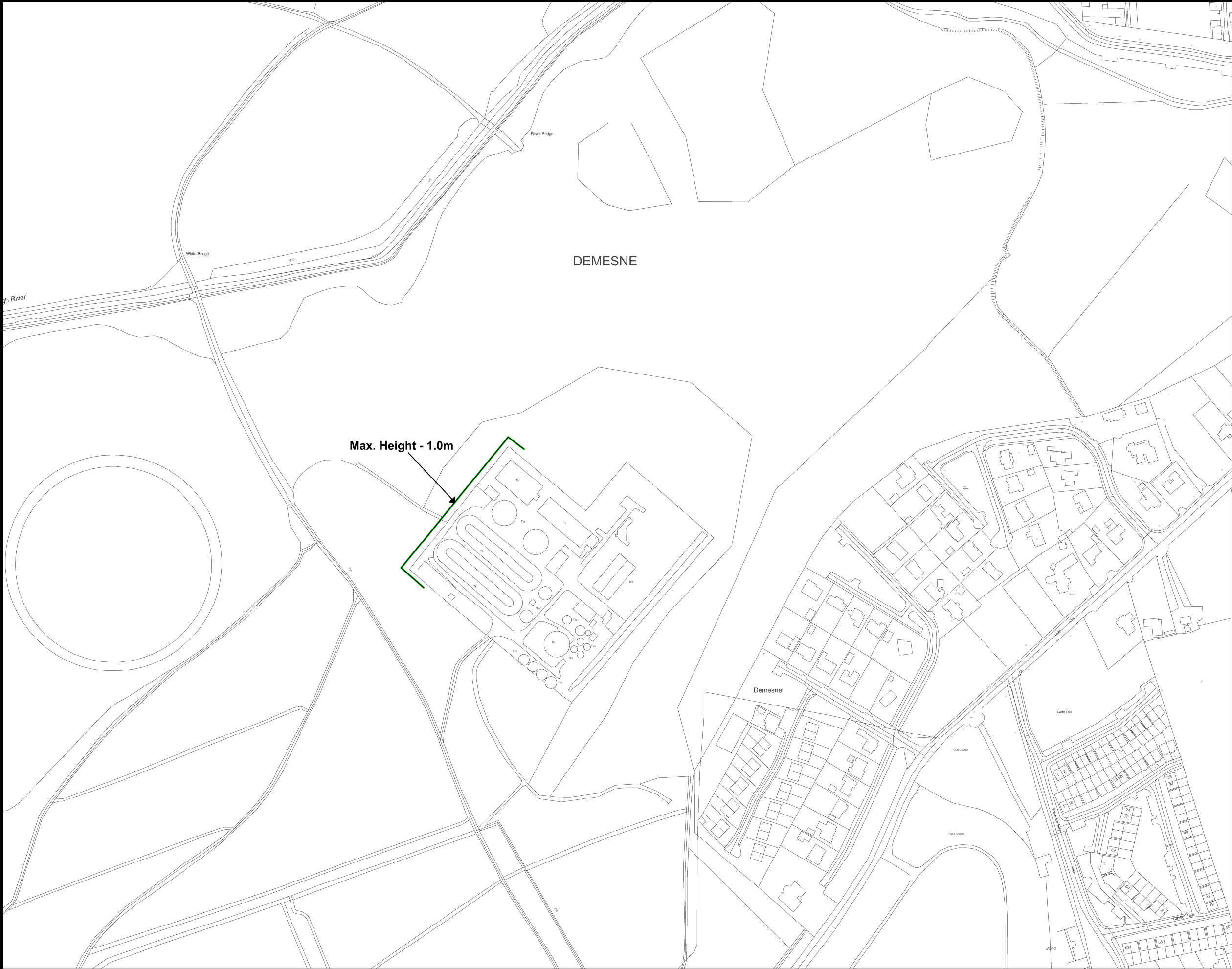
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Flood Defence Walls

Flood Defence Embankments

Flood Resilience



Max. Height - 1.0m



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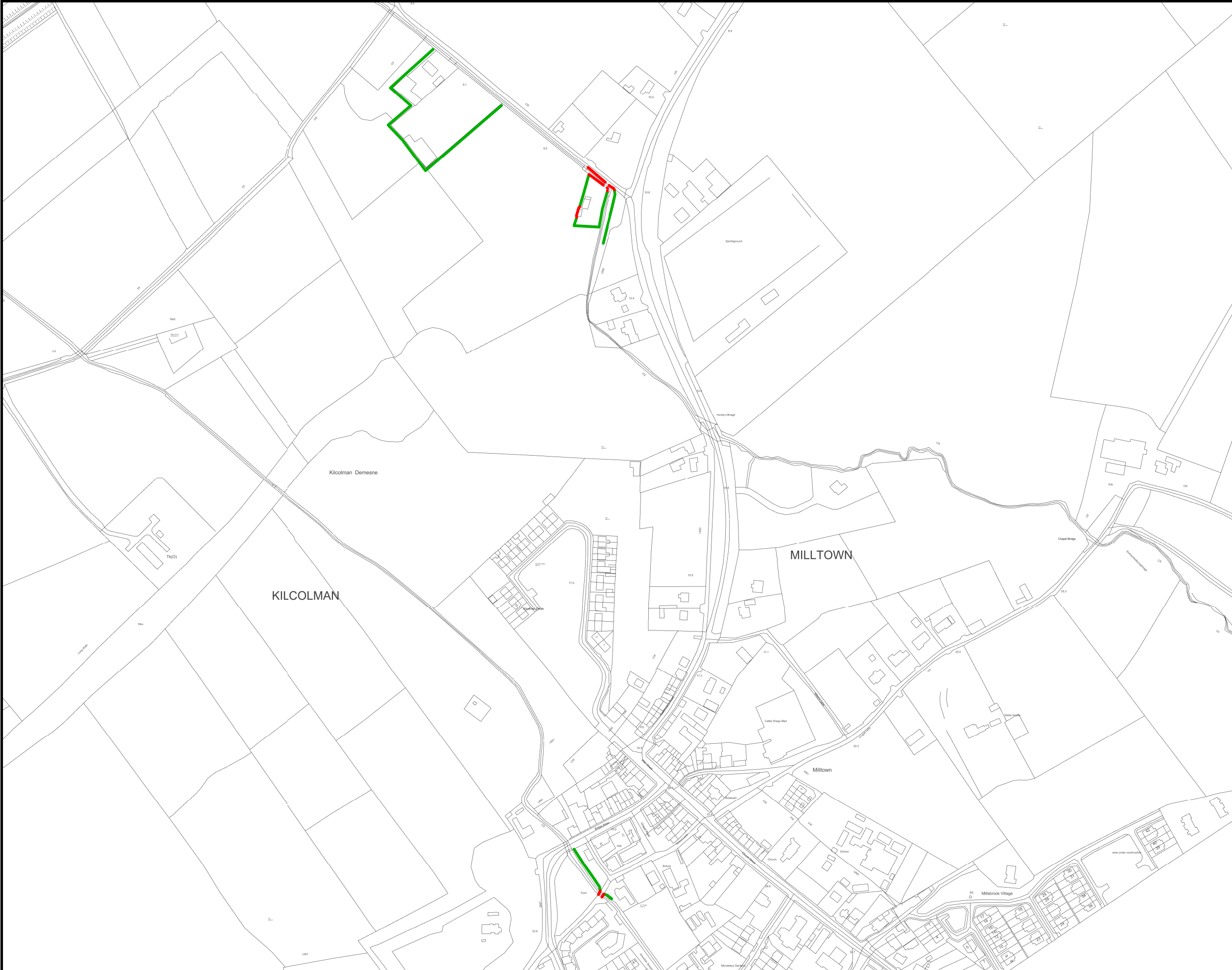
Mott MacDonald Ireland  
5 Eastgate Avenue  
Little Island, Cork

Project : <b>South Western CFRAM Study</b>	
Map : <b>Killarney - Emerging Preferred Option Fluvial Flood Defences</b>	
Map Type:	Preliminary Options
Source:	Fluvial Flooding
Map Area:	Urban Area
Scenario:	Current
Drawn by:	Tony Donovan
Checked by:	Barry O'Connor
Approved by:	Fintan McGivern
Map No.:	MMD-296235-E-DR-22-KY-204-P2
Sheet:	4 of 4
Drawing Scale:	NTS
Revision:	P1
Plot Scale:	1:1 @ A3



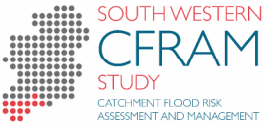
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Flood Defence Walls

Flood Defence Embankments



Office of Public Works  
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Trim, Co. Meath



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Little Island, Cork

Project :  
South Western CFRAM Study

Map : Milltown - Overview  
Fluvial Flood Defences

Map Type: Preliminary Options

Source: Fluvial Flooding

Map Area: Urban Area

Scenario: Current

Drawn by: Tony Donovan

Checked by: Barry O'Connor

Approved by: Fintan McGivern

Map No.: MMD-296235-E-DR-22-MN-201-P1

Sheet: 1 of 1 Revision: P1

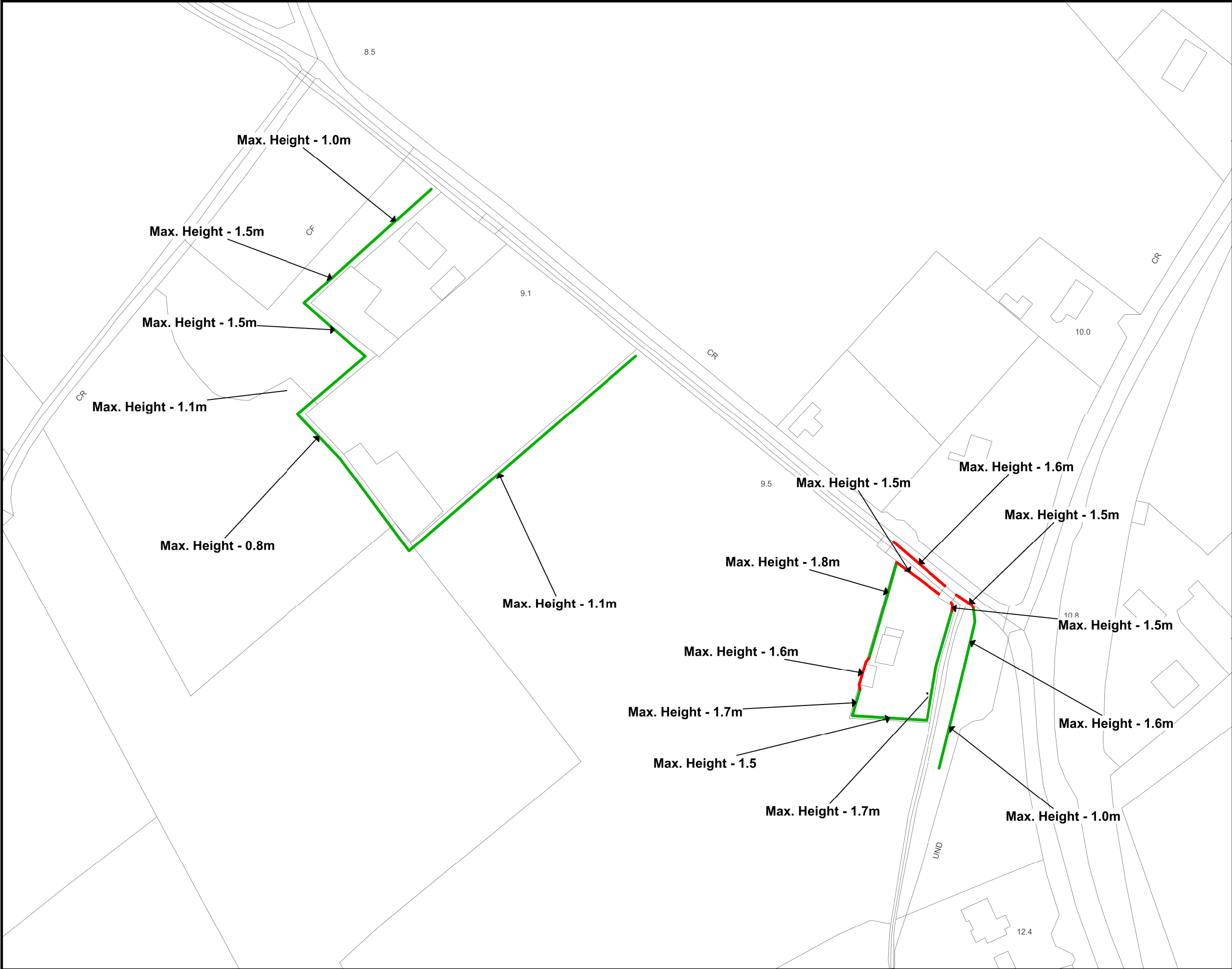
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Project :  
**South Western CFRAM Study**

Map : **Miltown**  
**Fluvial Flood Defences**

Map Type: Preliminary Options

Source: Fluvial Flooding

Map Area: Urban Area

Scenario: Current

Drawn by: Tony Donovan

Checked by: Barry O'Connor

Approved by: Fintan McGivern

Map No.: MMD-296235-E-DR-22-MN-202-P1

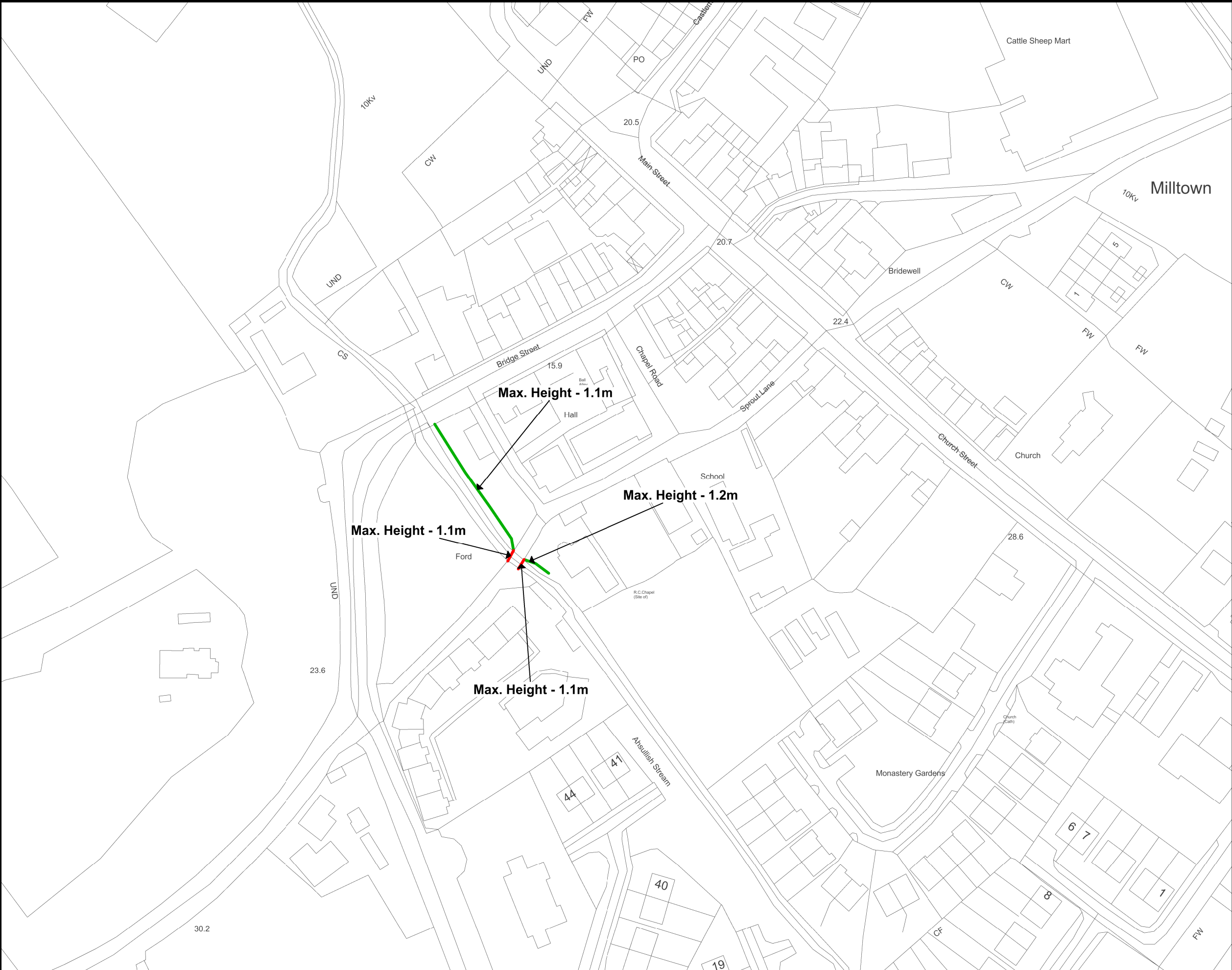
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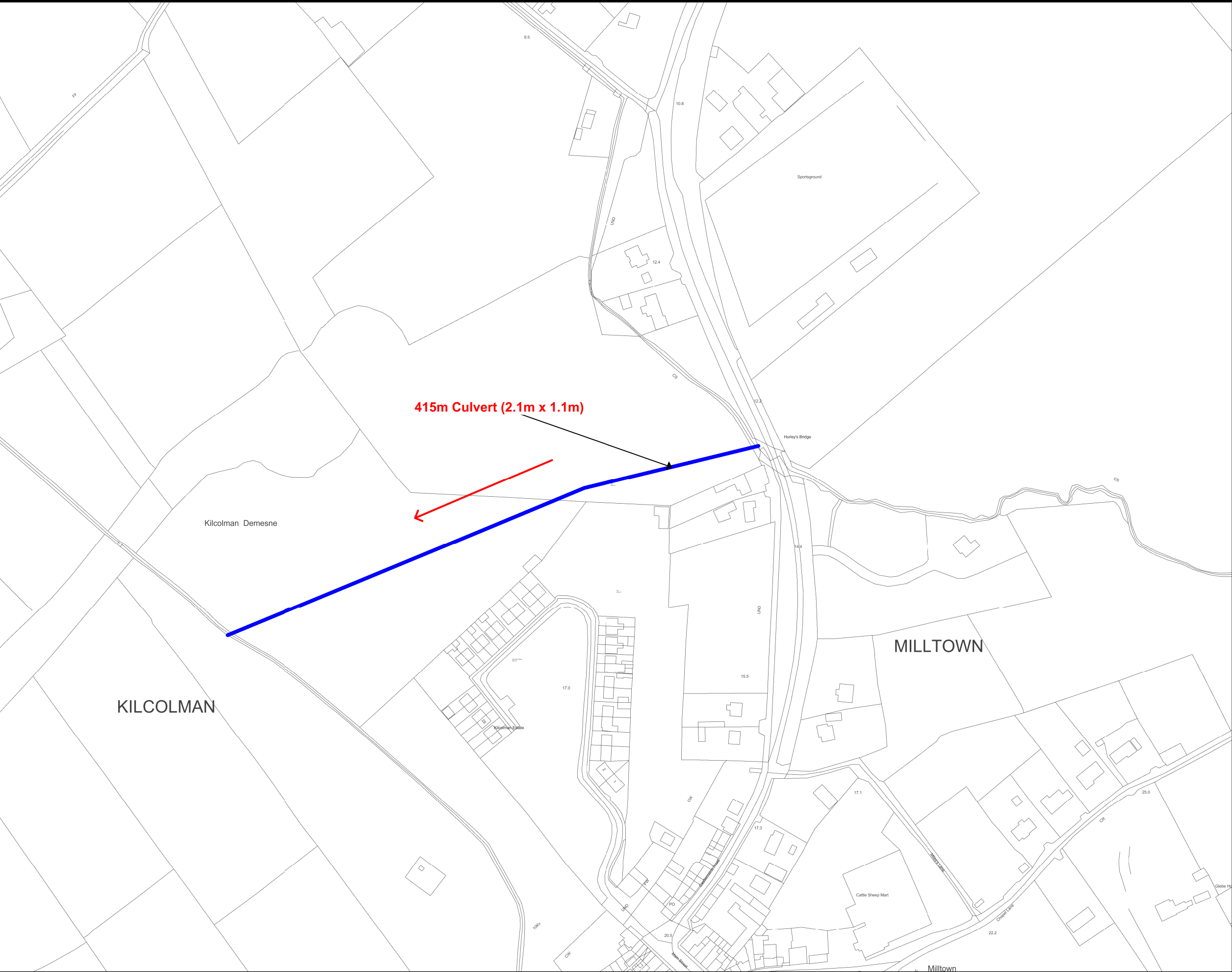
Project : <b>South Western CFRAM Study</b>	
Map : <b>Milltown</b> <b>Fluvial Flood Defences</b>	
Map Type:	Preliminary Options
Source:	Fluvial Flooding
Map Area:	Urban Area
Scenario:	Current
Drawn by:	Tony Donovan
Checked by:	Barry O'Connor
Approved by:	Fintan McGivern
Map No.:	MMD-296235-E-DR-22-MN-203-P1
Sheet:	2 of 2
Drawing Scale:	NTS
Revision:	P1
Plot Scale:	1:1 @ A3



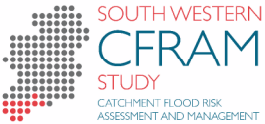
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Flow Diversion



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Mott MacDonald Ireland  
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Little Island, Cork

Project :  
South Western CFRAM Study

Map : Milltown  
Flow Diversion

Map Type: Preliminary Options

Source: Fluvial Flooding

Map Area: Urban Area

Scenario: Current

Drawn by: Tony Donovan

Checked by: Barry O'Connor

Approved by: Fintan McGivern

Map No.: MMD-296235-E-DR-22-MN-204-P1

Sheet: 1 of 1

Revision: P1

Drawing Scale: NTS

Plot Scale: 1:1 @ A3



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