



South Western CFRAM Study

Preliminary Options Report UoM 22

July 2016

The Office of Public Works



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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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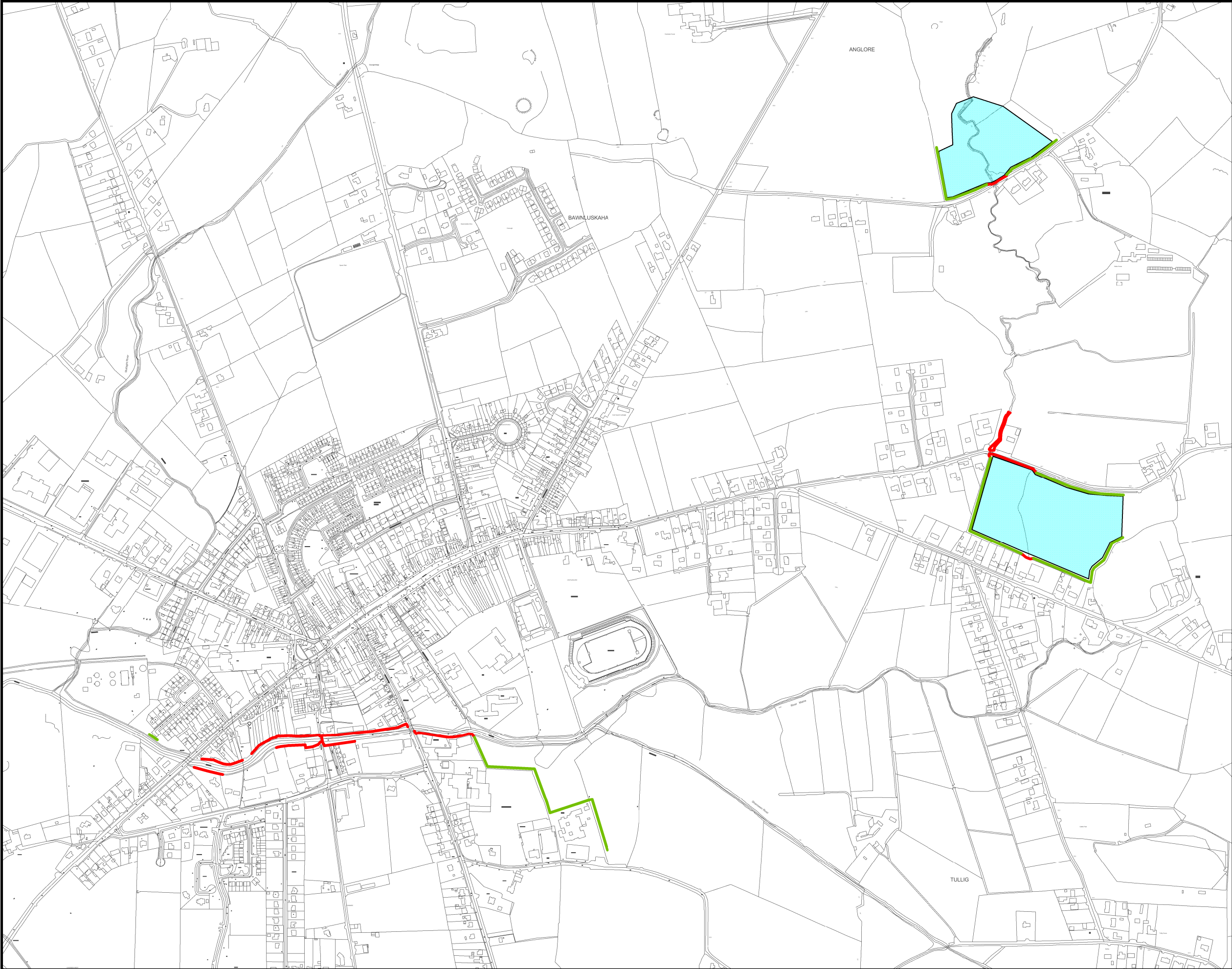
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Appendix B. Drawings of Potential FRM Options



Flood Defence Walls



Flood Defence Embankments



Possible Flood Areas



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Mott MacDonald Ireland
5 Eastgate Avenue
Little Island, Cork

Project :

South Western CFRAM Study

Map : Castleisland

Flood Defences - Overview (excl. Crag)

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-CD-201-P1

Sheet:

1 of 5

Revision: P1

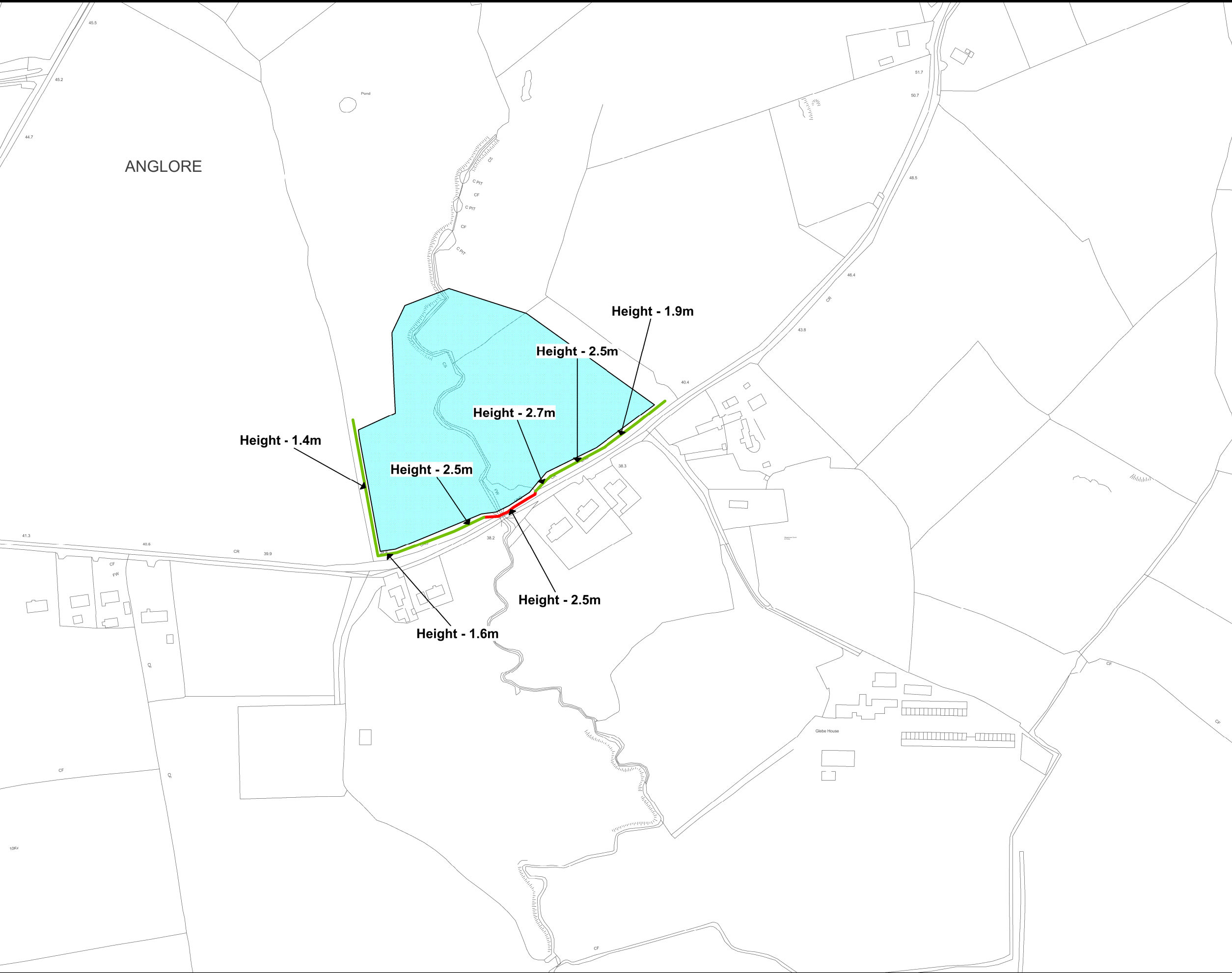
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
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Flood Defence Embankments


Possible Flood Areas


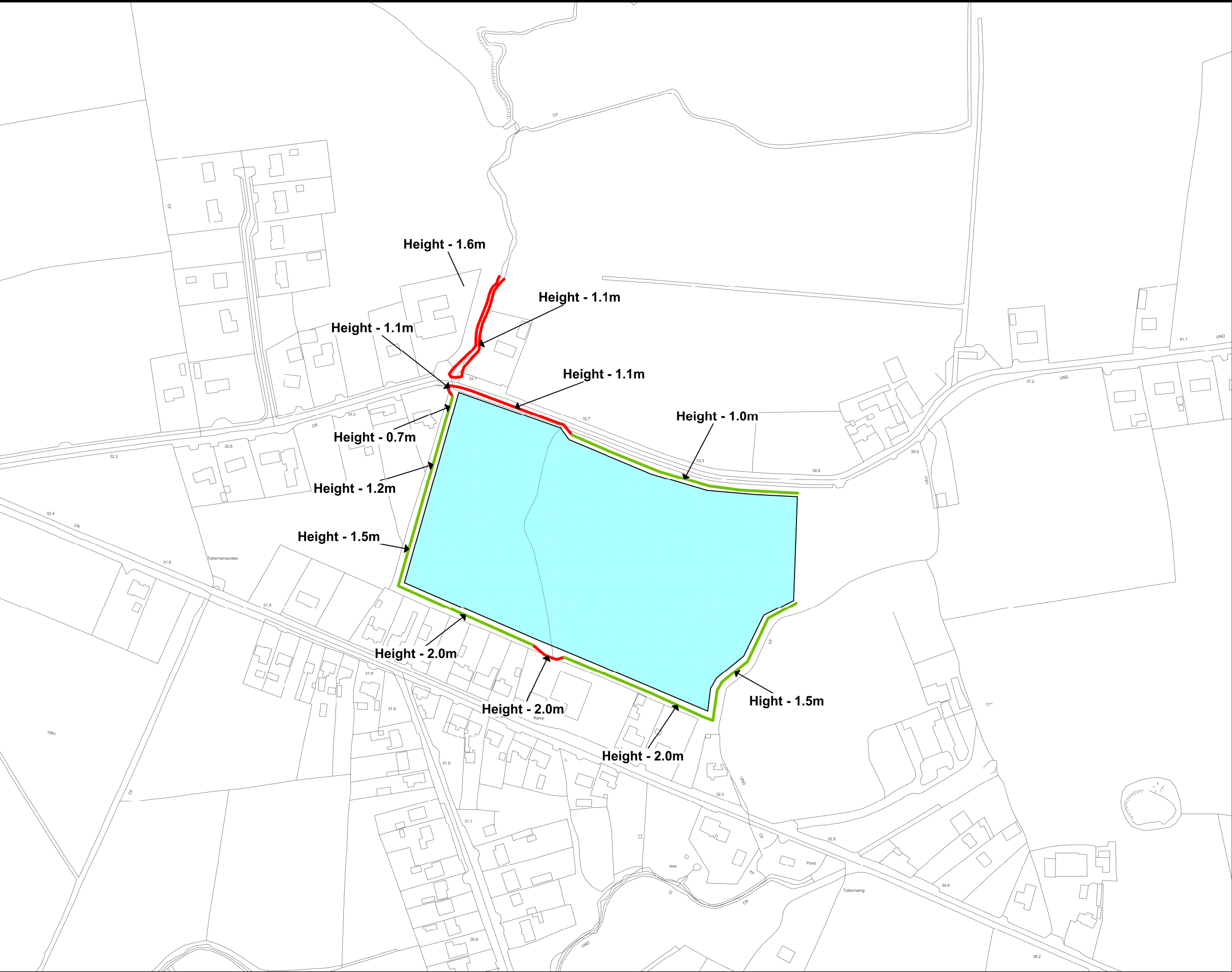


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Map : Castleisland Flood Defences	
Map Type:	Preliminary Options
Source:	Fluvial Flooding
Map Area:	Urban Area
Scenario:	Current
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Checked by:	Barry O'Connor
Approved by:	Fintan McGivern
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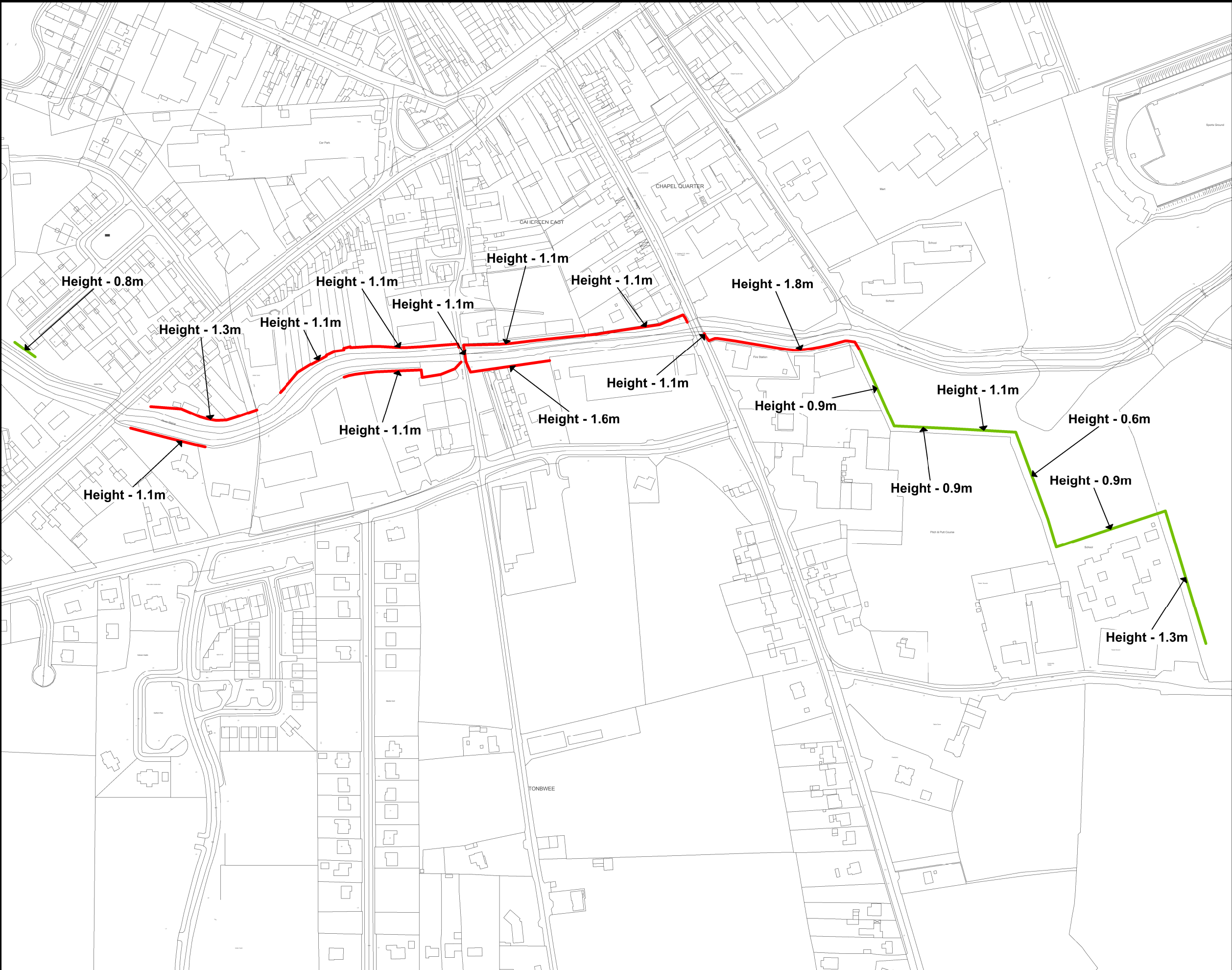
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Scenario:	Current
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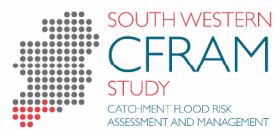
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Possible Flood Areas



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Project :

South Western CFRAM Study

Map : Castleisland
Flood Defences

Map Type: Preliminary Options

Source: Fluvial Flooding

Map Area: Urban Area

Scenario: Current

Drawn by: Tony Donovan

Checked by: Barry O'Connor

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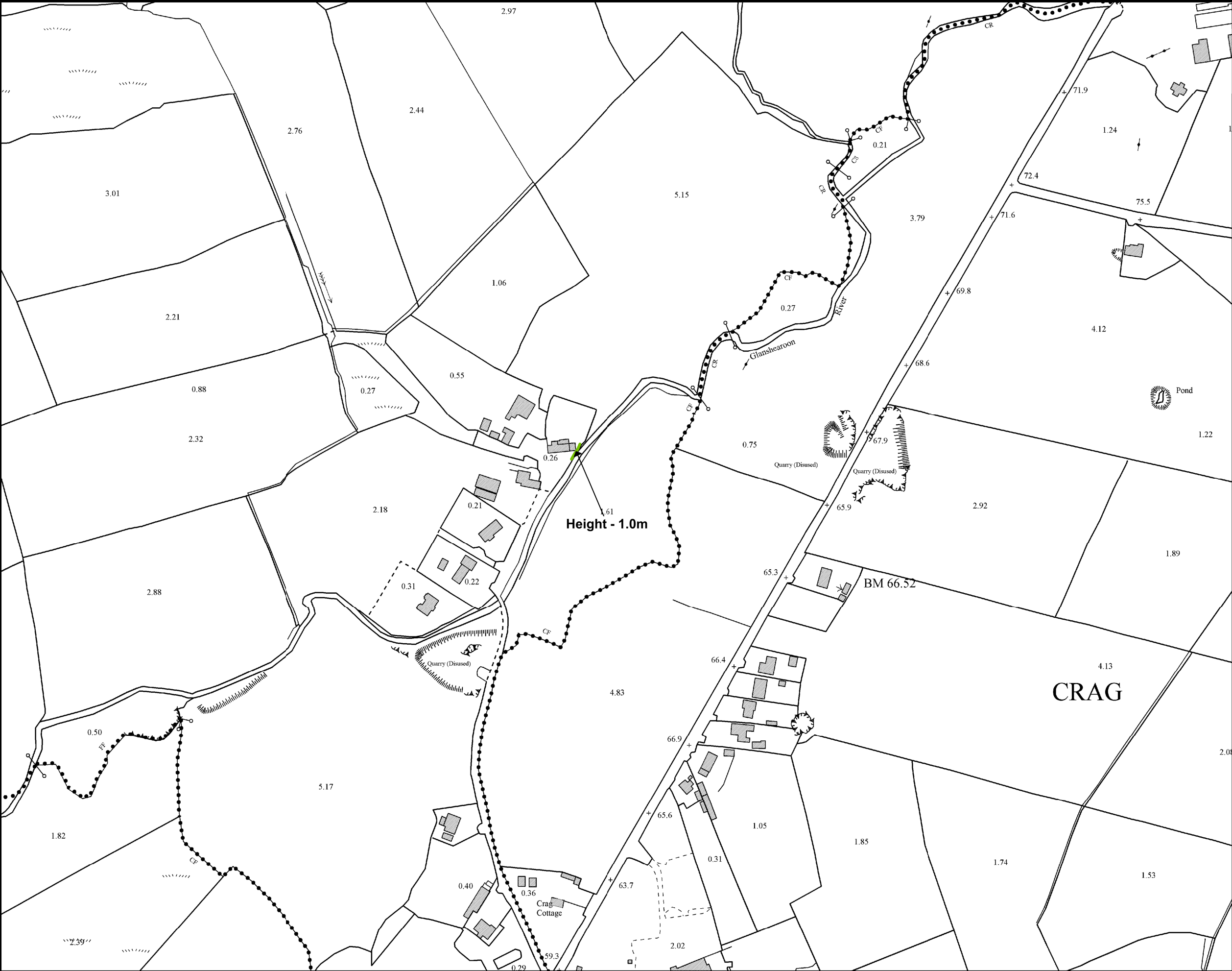
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Project :
South Western CFRAM Study

Map : Castleisland
Flood Defences - Crag

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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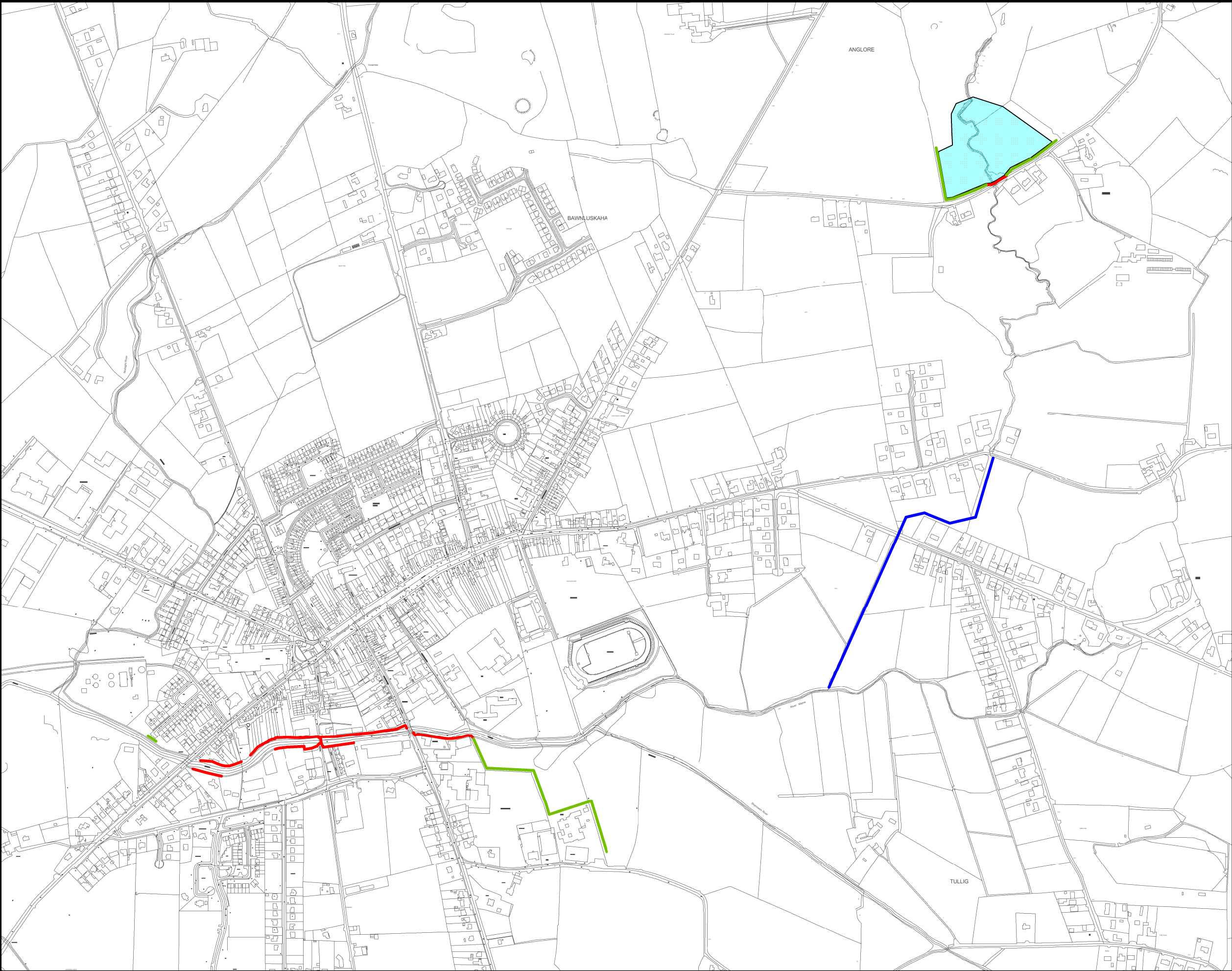
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Flood Defence Walls

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Possible Flood Areas

Flow Diversion Channel



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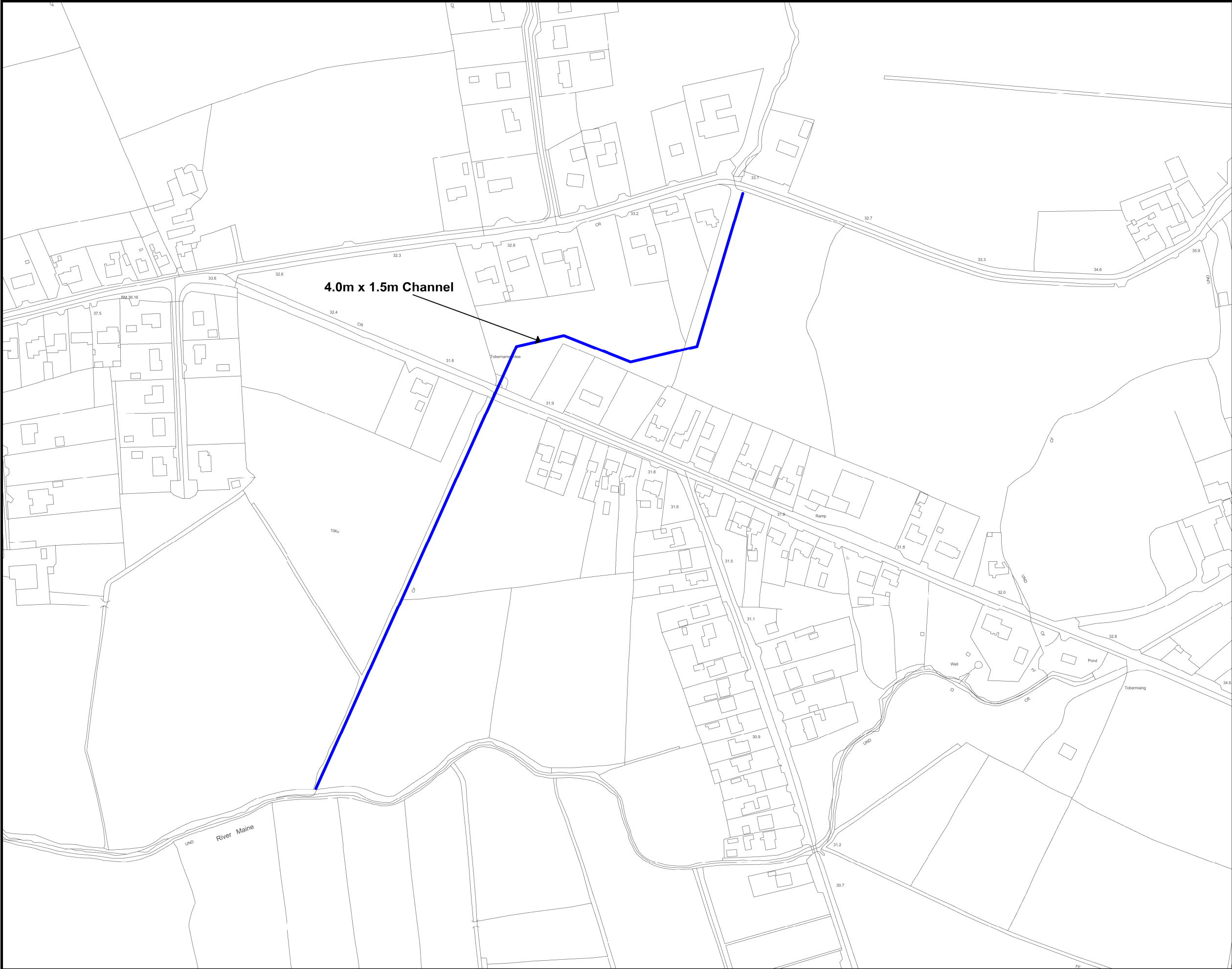
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Project : South Western CFRAM Study	
Map : Castleisland - Overview (excl. Crag) Flow Diversion & Flood Defences	
Map Type:	Preliminary Options
Source:	Fluvial Flooding
Map Area:	Urban Area
Scenario:	Current
Drawn by:	Tony Donovan
Checked by:	Barry O'Connor
Approved by:	Fintan McGivern
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Project :
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Map : Castleisland
Flow Diversion & Flood Defences

Map Type: Preliminary Options

Source: Fluvial Flooding

Map Area: Urban Area

Scenario: Current

Drawn by: Tony Donovan

Checked by: Barry O'Connor

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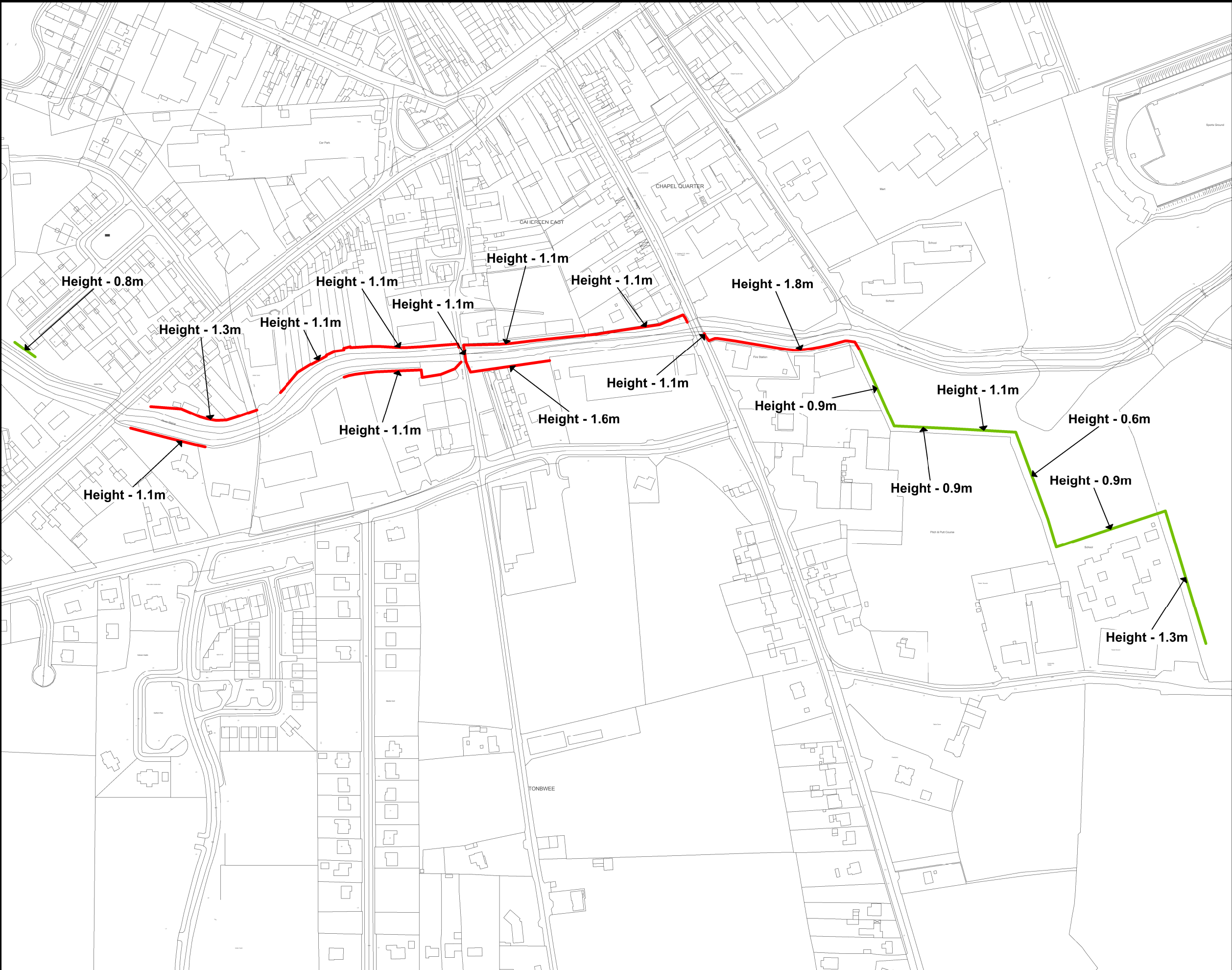
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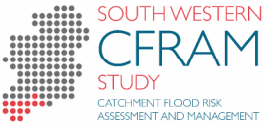


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Possible Flood Areas

Flow Diversion Channel



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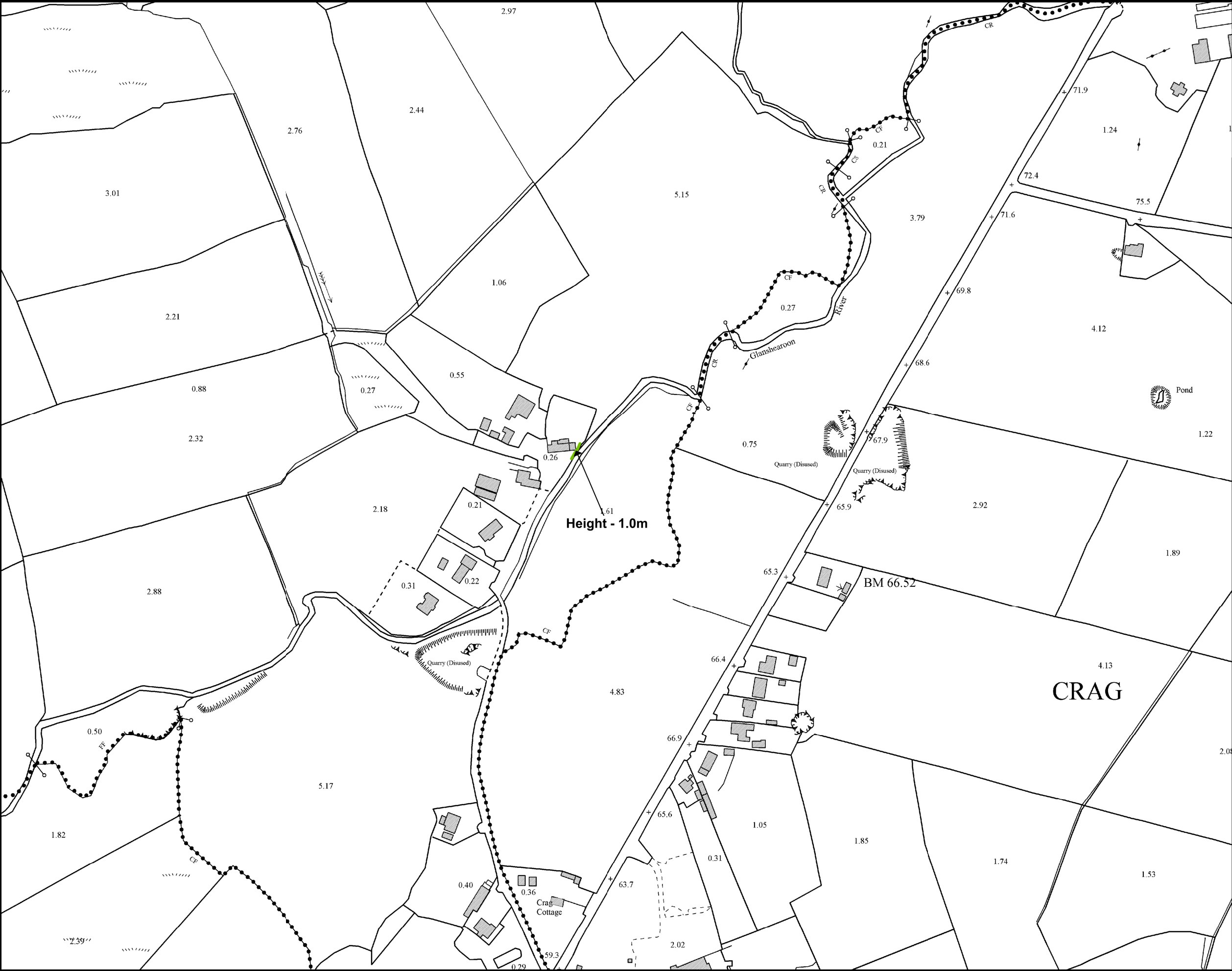
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Map : Castleisland Flow Diversion & Flood Defences	
Map Type:	Preliminary Options
Source:	Fluvial Flooding
Map Area:	Urban Area
Scenario:	Current
Drawn by:	Tony Donovan
Checked by:	Barry O'Connor
Approved by:	Fintan McGivern
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Project :
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Map : Castleisland
Flow Diversion & Flood Defences - Crag

Map Type: Preliminary Options

Source: Fluvial Flooding

Map Area: Urban Area

Scenario: Current

Drawn by: Tony Donovan

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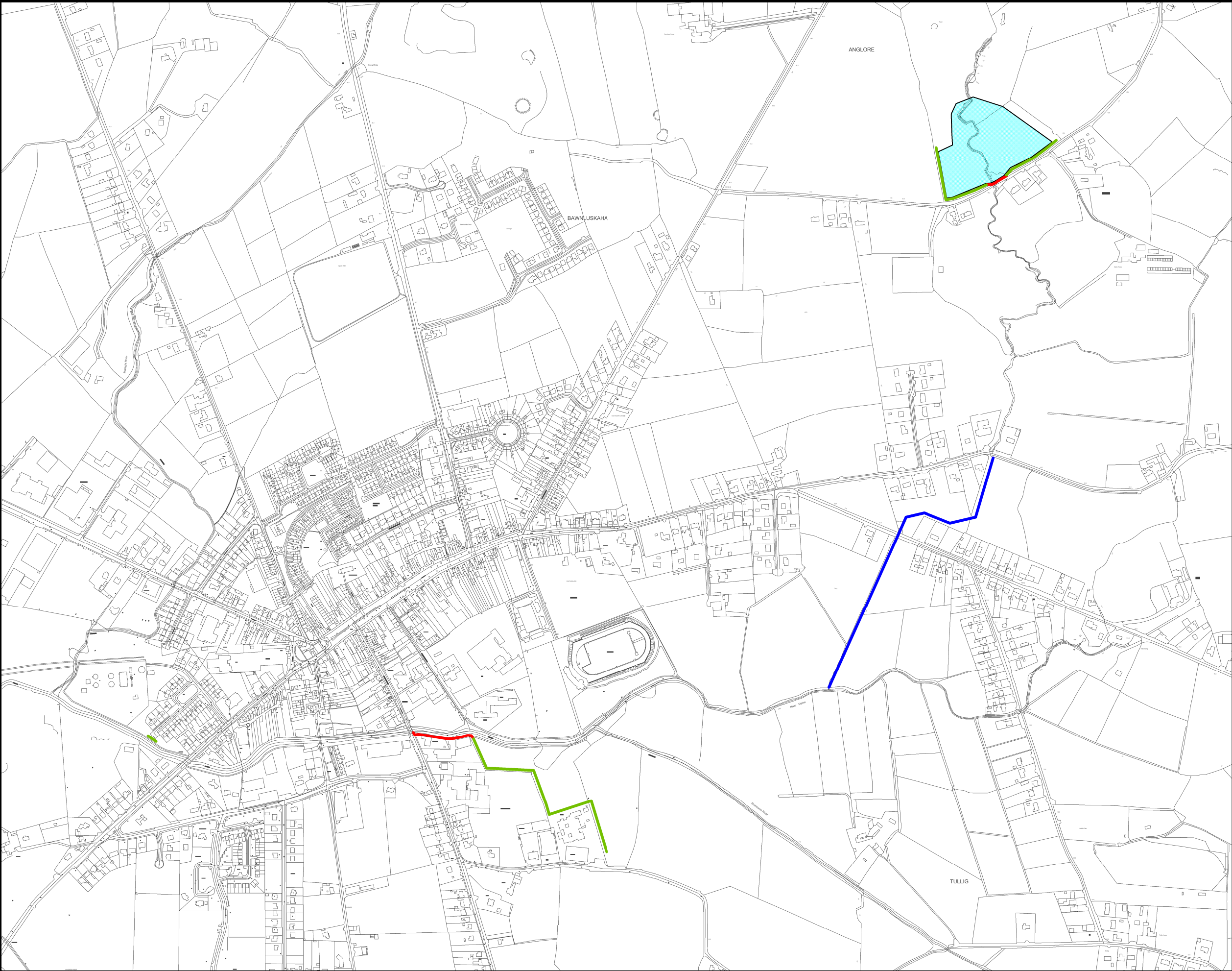
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Possible Flood Areas

Flow Diversion Channel



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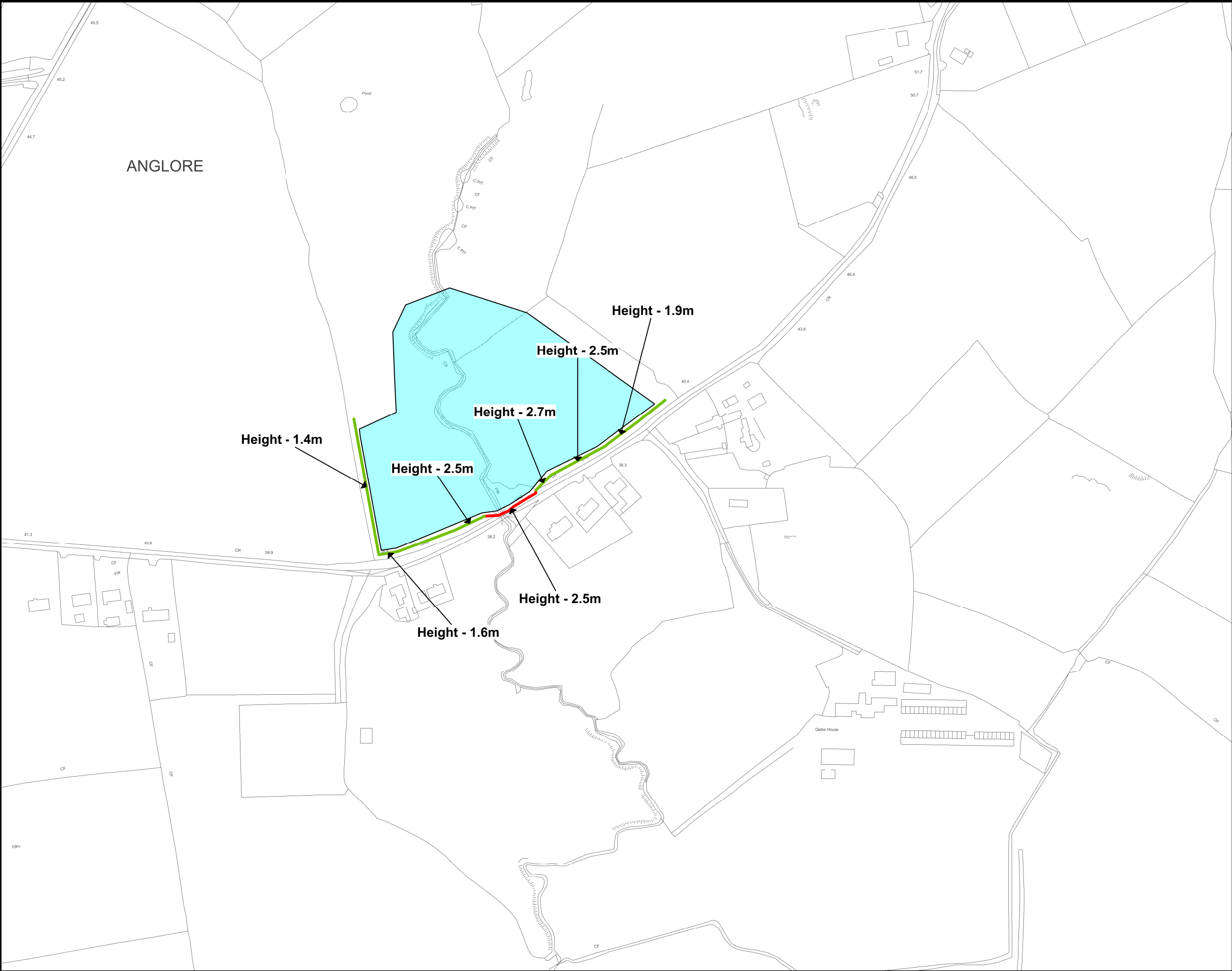
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Map : Castleisland - Overview Flow Diversion & Western Flood Defences	
Map Type:	Preliminary Options
Source:	Fluvial Flooding
Map Area:	Urban Area
Scenario:	Current
Drawn by:	Tony Donovan
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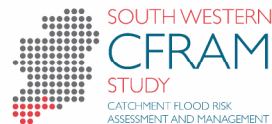
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Flood Defence Embankments

Possible Flood Areas



Flow Diversion Channel



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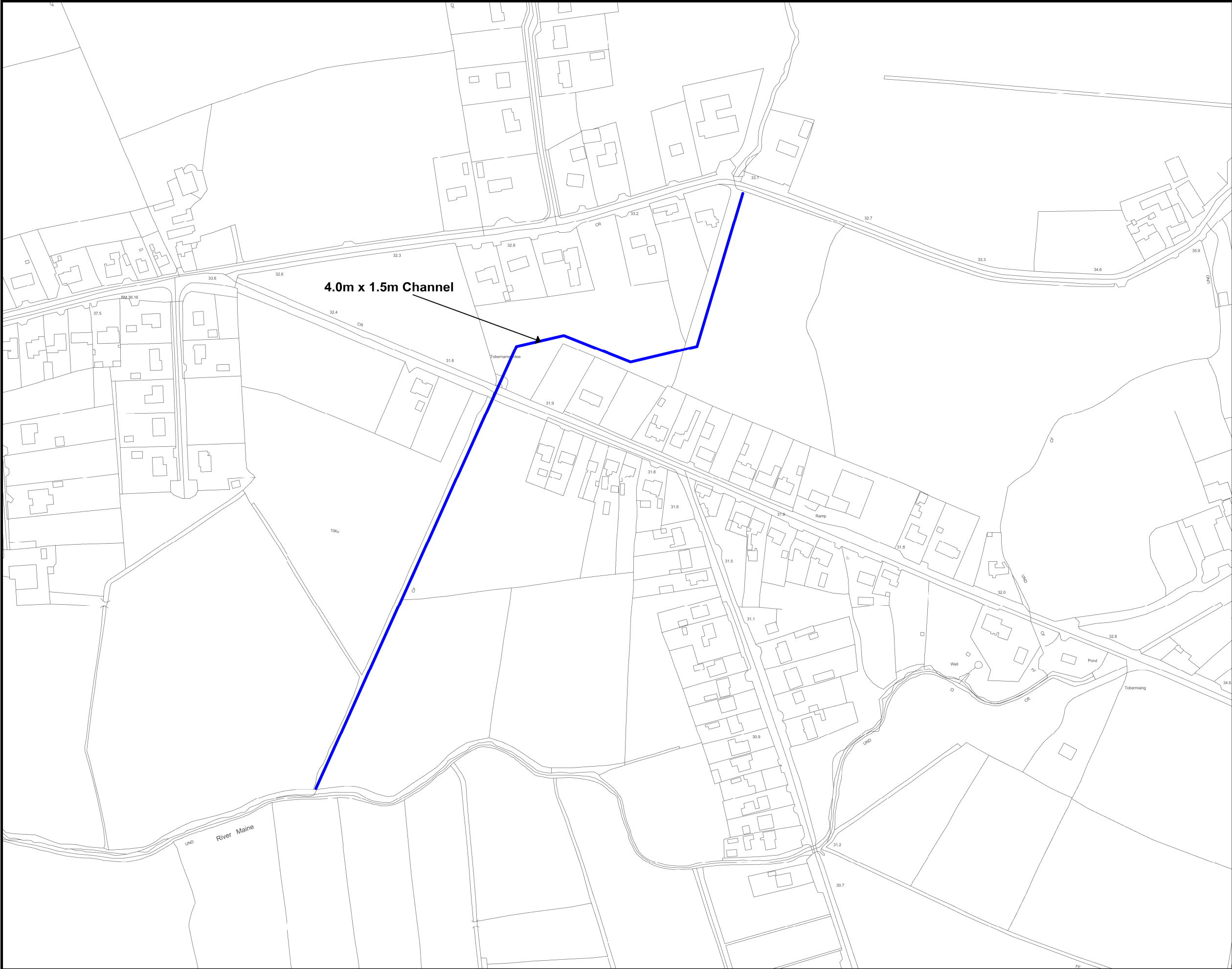
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Scenario:	Current
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Map : Castleisland
Flow Diversion & Western Flood Defences

Map Type: Preliminary Options

Source: Fluvial Flooding

Map Area: Urban Area

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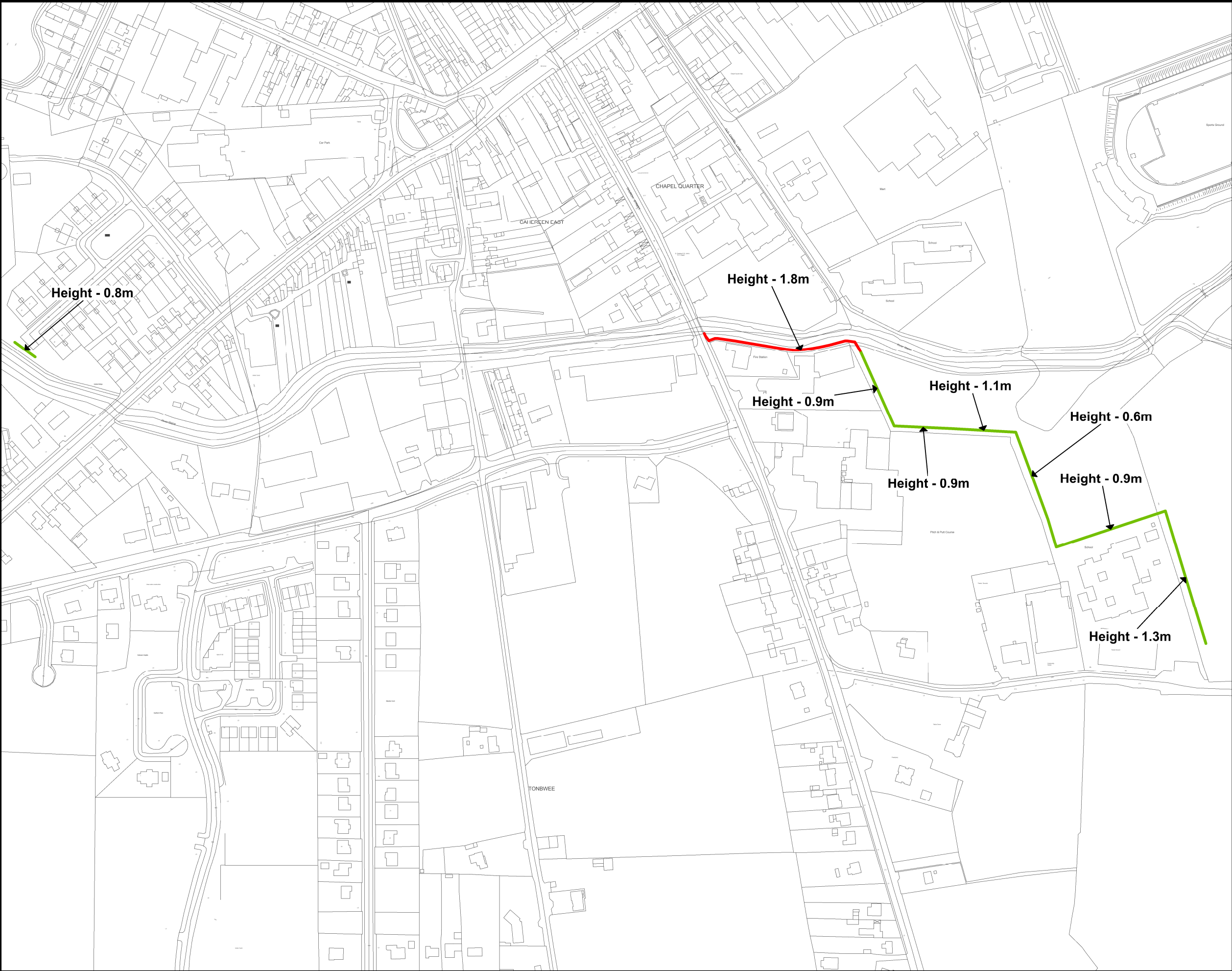
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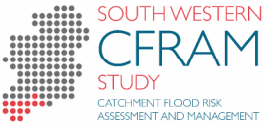


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