



# **Frodsham Solar**

## **Hydraulic Modelling Report Addendum**

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**November 2025**



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**Planning Act 2008; and Infrastructure Planning (Applications:  
Prescribed Forms and Procedure) Regulations Regulation 5(2)(e)**

**Revision P01**

# Frodsham Solar

Frodsham Marsh, Frodsham, Cheshire West and Chester

## Hydraulic Modelling Report Addendum

November 2025



Scheme Information	
Scheme:	Frodsham Solar
Report Title:	Hydraulic Modelling Report Addendum
Client:	Frodsham Solar Limited
Instruction:	The instruction to undertake this modelling was received from Andrew Russell of Axis P.E.D Ltd.
File Ref:	14740-HMR Addendum-03

Approval Record	
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Document History		
Revision	Date	Comment
1	17/10/2025	First issue
2	20/10/2025	Updated to include H++ Results
3	19/11/2025	Update to the introduction section text

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## Glossary and Modelling Short Codes

**Table 1: Glossary of Technical Terms**

Term / Acronym	Definition
1D (model)	One dimensional – A type of model typically built using watercourse cross-section survey data to represent the watercourse and adjacent floodplain
2D (model)	Two dimensional – A type of hydraulic model typically built using LiDAR and site-specific topographic data to represent the wider floodplain
1D-2D (model)	A combination of 1D and 2D modelling (i.e. typically a representation of the watercourse and floodplain respectively)
AEP	Annual Exceedance Probability – the probability that a storm event will occur in any given year
Defra	Department for Environment, Food and Rural Affairs
DfI	Department for Infrastructure – one of nine departments in Northern Ireland responsible for regional strategic planning and development policy
EA	Environment Agency – non-departmental public body responsible for the protection and enhancement of the environment in England
ESTRY	Industry standard flood modelling software (1D engine built into TUFLOW)
FCA	Flood Consequence Assessment
FRA	Flood Risk Assessment
FFL	Finished Floor Level
Flood risk	The product of the frequency or likelihood of a flood event and the consequences (such as loss, damage, harm, distress and disruption)
FMP	Flood Modeller Pro – industry standard flood modelling software
HMR	Hydraulic Modelling Report
IDB	Internal Drainage Board
LA	Local authority
LiDAR	Light Detection and Ranging (i.e. Ground elevation data)
LLFA	Lead Local Flood Authority
Main river	A watercourse on which the relevant regulatory body (e.g. EA/NRW/SEPA/DfI) has permissive powers, but not a duty, to carry out maintenance, improvement, or construction work.
MIKE (11/21/FLOOD)	Industry standard flood modelling software
NGR	National Grid Reference
NRW	Natural Resources Wales – Welsh Government sponsored body responsible for managing the environment and natural resources of Wales
Ordinary watercourse	A river, stream, ditch, cut, sluice, dyke or non-public sewer that is not a designated main river, and for which the LA has flood risk management responsibilities and powers.



Term / Acronym	Definition
SEPA	Scottish Environment Protection Agency – non-departmental public body responsible for the protection and enhancement of the environment in Scotland
TN	Technical Note
TUFLOW	Industry standard flood modelling software

Short codes are used in the naming and referencing of model files, events and scenarios to ensure a consistent, high-quality naming convention is followed and to simplify communication of model results.

**Table 2: Modelling Short Codes**

Model Short Code	Definition
ABC	Model identifier
BL[x]-[y]	A y% blockage at location x (e.g. BL1-67 – 67% blockage at location “1”)
BR[x]-[y]	A y metre wide breach scenario at location x (e.g. BR2-50 – 50m wide breach at location “2”)
CC	Climate change
DEV	Post-development site layout
EXG	Existing (pre-development) site layout
MIT	Flood mitigation option
NC	“Normal conditions” A model setup representative of present channel and floodplain conditions throughout the study area – no additional structure blockages, defence breaches or pump failures
OPT	Development option
Q[x]	1 / x % AEP fluvial event
R[x]	1 / x % AEP pluvial event
ST[x]	Sensitivity test x (e.g. ST1 – channel and floodplain roughness +20%)
T[x]	1 / x % AEP tidal event

## Introduction

Waterco has been commissioned to undertake a hydraulic modelling study in relation to Frodsham Solar, located on land north of the M56, Frodsham, Cheshire, WA6 7BQ. This report has been prepared in response to the Relevant Representations provided by the Environment Agency (APP-024), specifically Issue ID EA018.

The study area is bordered by the River Weaver to the north-east of the site. The River Weaver flows in a north-westerly direction past the site before meeting the Manchester Ship Canal. The River Mersey Estuary is situated to the north of the study area, running parallel with the Manchester Ship Canal. The River Mersey flows in a westerly direction at the study area before turning north and discharging into the sea. The Mersey Estuary is tidally influenced.

A location plan and an aerial photograph of the study area are included in Appendix A. This hydraulic modelling report forms an addendum to the previous hydraulic modelling report prepared by Waterco in May 2025 (14740-HMR-05). This was provided as Environmental Statement: Volume 2 Appendix 9-3: Hydraulic Modelling Report (APP-090 to APP-094).

The main objective of this addendum is to update the proposed development scenario model to include the limited land raising associated with the proposed watercourse crossings. This study will quantify change in flood risk elsewhere (if any) as a result of the proposed development scenario when compared with the baseline scenario. To enable this, existing EA linked 1D/2D1 hydraulic models of the Mersey Estuary and River Weaver have been utilised.

## Hydraulic Model Build

The information provided in this section details the modelling works carried out as part of this scheme. The current EA Mersey Estuary and EA River Weaver FMP/TUFLOW hydraulic models were updated as part of the previous Hydraulic Modelling report. These models have been utilised for this addendum report.

The latest versions of the software available at the start of this study have been utilised (FMP version 7.3.1 and TUFLOW version 2025.1.2). Whilst no changes have been made to the baseline scenario, it has been rerun for consistency.

The model logs<sup>1</sup> provided with the FMP/TUFLOW model files (Model Reference: 14740-33256-020 Mersey Estuary Model and 14740-33256-052 River Weaver Model) should be consulted if further details are required. An explanation of the file, event and scenario naming convention used is provided in the model log.

## Proposed Development Model Updates

The hydraulic models for both the River Weaver and Mersey Estuary had been setup to consider the proposed development scenario, taking into account of the footprint of structures within the flood extent, limited land raising associated with watercourse crossings (proposed bridges) and changes in land roughness values as a result of the proposed solar farm.

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<sup>1</sup> Doc ref: 14740-33256-Mersey\_Estuary\_Model\_Log.xlsx and 14740-33256-River\_Weaver\_Model\_Log.xlsx

This study has updated the proposed development scenario to include the watercourse crossings proposed across the onsite watercourses. In total there are 21 watercourse crossings which are either new or replacement crossings. The soffit level of each crossing will generally be situated 0.6m above the existing associated watercourse bank level. An indicative watercourse crossing schedule is included in Appendix B and provides the location and description of each crossing.

### **Mersey Estuary Proposed Development Scenario**

The updates to the proposed development scenario for the Mersey Estuary model include raising one 2D model cell (10mx10m grid) by 0.6m at the location of each watercourse crossing. This is a conservative estimate of the land raising associated with each of the watercourse crossings.

A plan of the 1D/2D proposed model extent is shown in Appendix C.

The Mersey Estuary model has been simulated for the same return periods and scenarios as per the previous HMR. The scenarios include a defended and breach (M-BR1) scenario.

### **River Weaver Proposed Development Scenario**

The updates to the proposed development scenario for the River Weaver model include raising two 2D model cells (6mx6m grid) by 0.6m at the location of each watercourse crossing. This is a conservative estimate of the land raising associated with each of the watercourse crossings.

A plan of the 1D/2D proposed model extent is shown in Appendix C.

The River Weaver model has been simulated for the same return periods and scenarios as per the previous HMR. The scenarios include a defended and two breach (W-BR1 and W-BR2) scenarios.

## **Model Results**

This section of the report discusses the results obtained from the hydraulic model simulations for the updated proposed development scenario and the impact compared to the baseline scenario. For information on flood mechanisms, please see the previous HMR (APP-090 – APP-093 / 14740-HMR-05).

Maximum flood depth, velocity and hazard mapping has been provided for each primary simulation and is included in Appendix D. Flood hazard ratings have been calculated in accordance with DEFRA document 'FD2320: Flood Risks to People' and EA guidance document 'Supplementary Note on Flood Hazard Ratings and Thresholds'.

Maximum water level mapping for selected return periods is provided in Appendix E.

### **Mersey Estuary Model**

#### **Defended**

During the proposed development scenario, the site is shown to flood during each simulated tidal flood event when the defended scenario is considered.

There is negligible change in flood risk offsite when the proposed development scenario is compared with the baseline scenario.



### **Mersey Breach (M-BR1)**

During the proposed development scenario, the site is shown to flood during each simulated flood event when a breach of the defences along the River Mersey is considered.

There is negligible change in flood risk offsite when the proposed development scenario is compared with the baseline scenario.

### **River Weaver Model**

#### **Defended**

During the proposed development scenario, the site is shown to flood during each simulated fluvial flood event when the defended scenario is considered.

There is no increase in flood risk elsewhere as a result of the proposed development scenario.

#### **Weaver Breach 1 (W-BR1)**

During the proposed development scenario, the site is shown to flood during each simulated flood event when a breach of the flood defence along the northern boundary of the site is considered.

There is no increase in flood risk elsewhere as a result of the proposed development scenario.

#### **Weaver Breach 2 (W-BR2)**

During the proposed development scenario, the site is shown to flood during each simulated flood event when a breach of the flood defence along the eastern boundary of the site is considered.

There is no increase in flood risk elsewhere as a result of the proposed development scenario.

## Conclusions

Waterco have been instructed to undertake an update hydraulic modelling study for a proposed solar farm at land north of the M56, Frodsham, Cheshire, WA6 7BQ. The main objective of the update is to include the proposed watercourse crossings in the proposed development scenario in the Mersey Estuary and River Weaver models. The models used were EA models updated during a previous hydraulic modelling study undertaken by Waterco (App 091 – APP 093 / 14740-HMR-05.pdf).

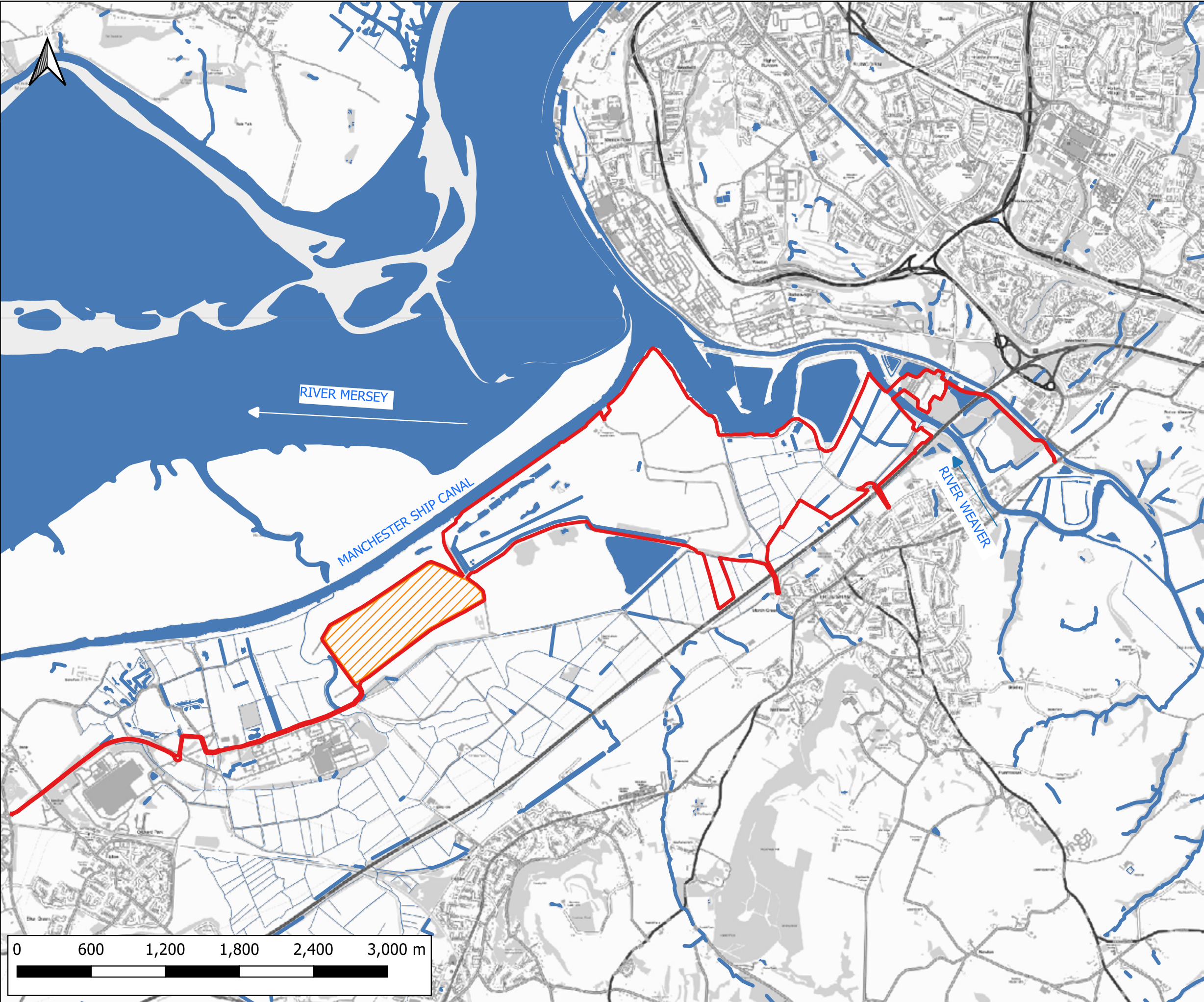
The proposed watercourse crossings have been added to both models by increasing existing ground levels at the bridge approach by 0.6m.

The modelled results for the Mersey Estuary model show that there is negligible change in flood risk elsewhere when the proposed scenario is compared with the baseline scenario.

The modelled results for the River Weaver model show that there is no increase in flood risk elsewhere when the proposed development scenario is considered.

**Appendix A    Location Plan and Aerial Image**

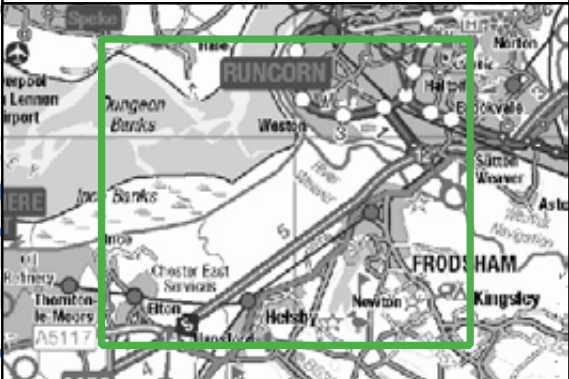




Notes:  
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

**LEGEND**

- Site Boundary
- Land Not Within Site Boundary
- Watercourses
- Waterbodies





CLIENT:				Frodsham Solar Ltd	
				 www.waterco.co.uk	
SCHEME:				Frodsham Solar	
PLOT TITLE:				Location Plan	
PLOT STATUS:		FINAL		DATE:	30-04-2025
DRAWN:	JP	CHECKED:	AW	APPROVED:	NJ
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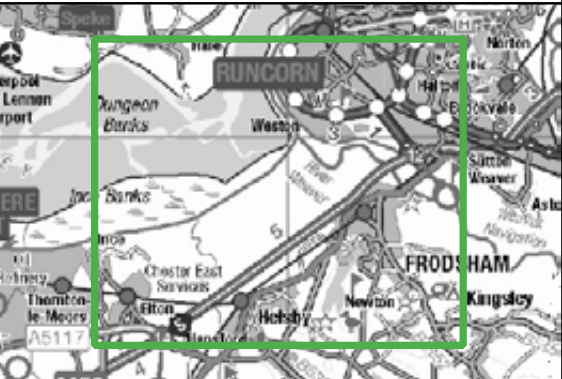




Notes:  
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

**LEGEND**

-  Site Boundary
-  Land Not Within Site Boundary



CLIENT:				Frodsham Solar Ltd	
				 www.waterco.co.uk	
SCHEME:				Frodsham Solar	
PLOT TITLE:				Aerial Plan	
PLOT STATUS:		FINAL		DATE:	30-04-2025
DRAWN:	JP	CHECKED:	AW	APPROVED:	NJ
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14740_Aerial_Plan					-



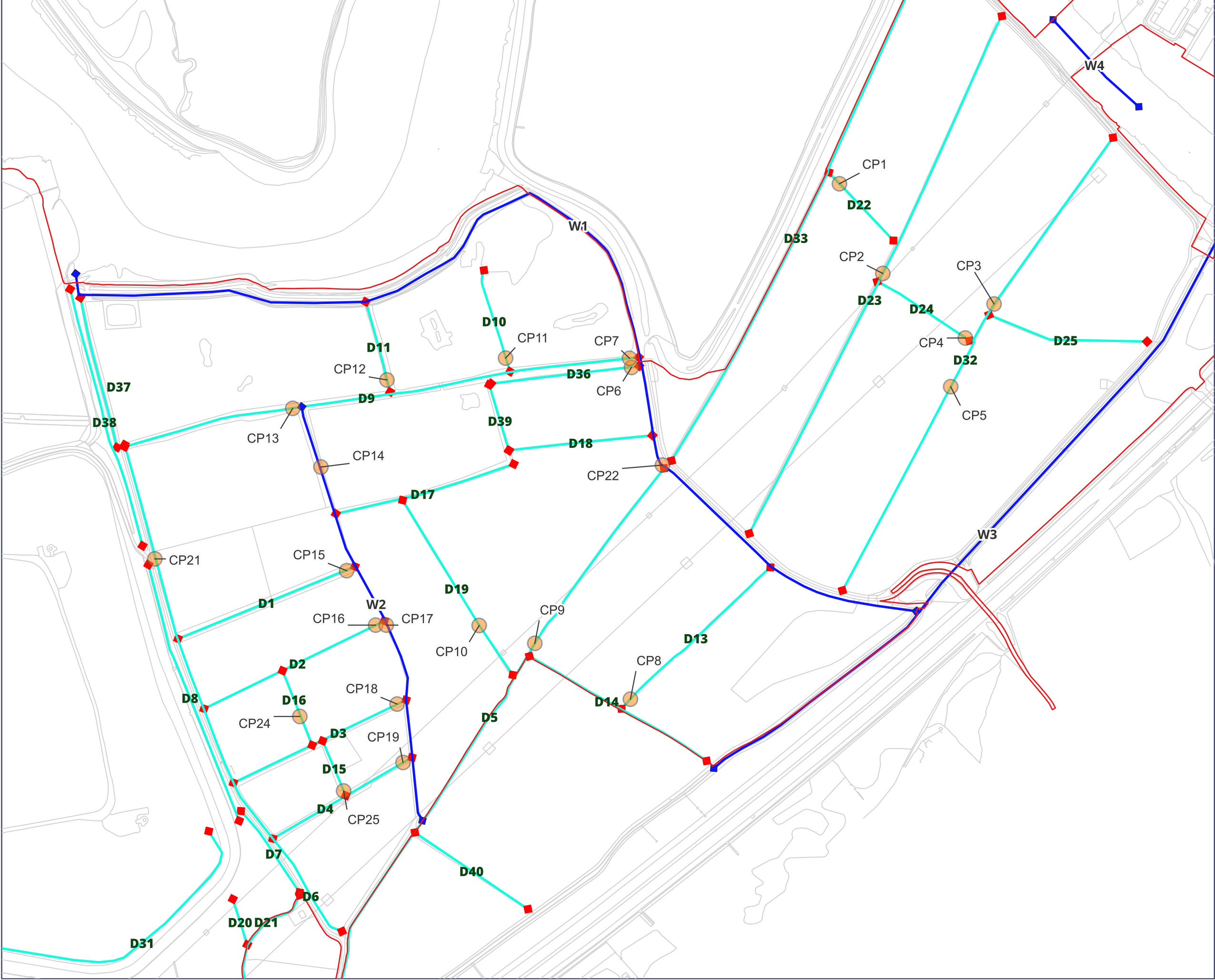
## **Appendix B    Proposed Watercourse Crossing**



Crossing Point Ref.	Watercourse Ref. D# - Ordinary Watercourse W# - Main River	Crossing	
		Existing or New	Type
CP1	D22	Existing	Replacement open span vehicular crossing, with MV and LV cable crossing.
CP2	D23	New	New open span vehicular crossing and MV and LV cable crossing.
CP3	D32	New	New open span vehicular crossing and MV cable crossing.
CP4	D24	New	New open span vehicular crossing and MV cable crossing.
CP5	D32	New	New open span vehicular crossing and MV cable crossing.
CP6	D36	New	New open span vehicular crossing and MV and LV cable crossing.
CP7	D9	Existing	Replacement open span vehicular crossing, with MV and LV cable crossing.
CP8	D13	New	New open span vehicular crossing and MV cable crossing.
CP9	D5	New	New open span vehicular crossing and MV cable crossing.
CP10	D19	New	New open span vehicular crossing and MV cable crossing.
CP11	D10	New	Replacement open span vehicular crossing, with MV and LV cable crossing.
CP12	D11	New	New open span vehicular crossing and MV cable crossing.
CP13	D9	New	New open span vehicular crossing and MV cable crossing.
CP14	W2	Existing	Replacement open span vehicular crossing, with MV and LV cable crossing.



Crossing Point Ref.	Watercourse Ref. D# - Ordinary Watercourse W# - Main River	Crossing	
		Existing or New	Type
CP15	D1	New	New open span vehicular crossing, with MV and LV cable crossing.
CP16	D2	Existing	Replacement open span vehicular crossing, with MV cable crossing.
CP17	W2	New	New open span vehicular crossing, with MV cable crossing.
CP18	D3	Existing	Replacement open span vehicular crossing, with MV cable crossing.
CP19	D4	New	New open span vehicular crossing, with MV and LV cable crossing.
CP20	Not used		
CP21	D6	New	New open span vehicular crossing, with MV cable crossing.
CP22	W1	New	Replacement open span vehicular crossing, with MV cable crossing.
CP23	D3	Existing	Retain existing vehicular crossing.
CP24	D16	Existing	Retain existing vehicular crossing, new LV cable crossing.
CP25	D15	Existing	Retain existing vehicular crossing, new LV cable crossing.



- Order Limits
- Crossing Points
- Main Rivers
- Ditches

0344 8700 007  
axis.co.uk



Project

**Frodsham Solar  
Environmental Statement**

Figure Number

**Appendix 2-1  
Figure 1**

Figure Title

**Indicative Watercourse  
Crossing Points**

Scale

**1:5000@A3**

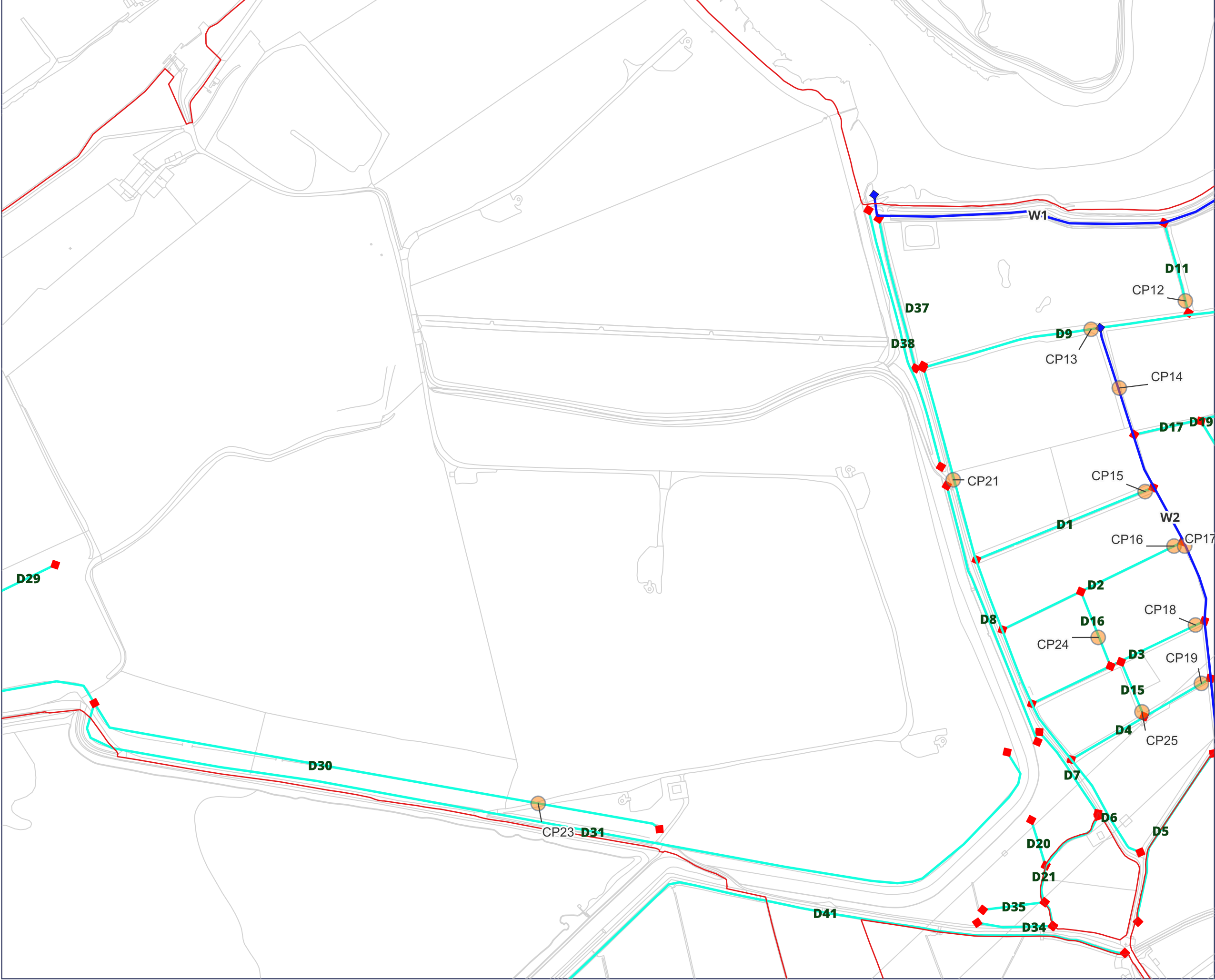
Date

**April 2025**



0 100 200 300 400 500 m





- Order Limits
- Crossing Points
- Main Rivers
- Ditches

0344 8700 007  
axis.co.uk



Project

## Frodsham Solar Environmental Statement

Figure Number

### Appendix 2-1 Figure 2

Figure Title

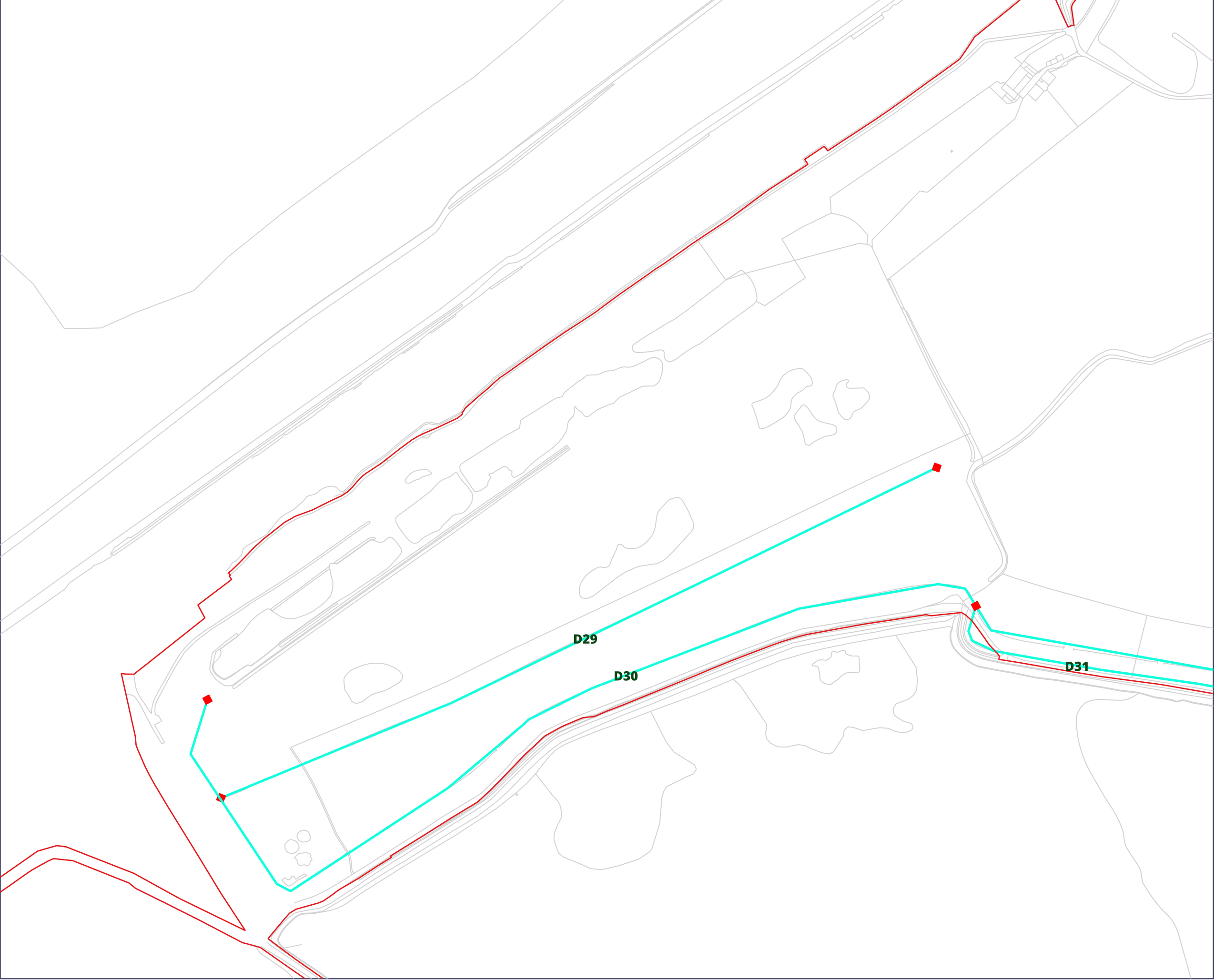
### Indicative Watercourse Crossing Points

Scale

1:5000@A3

Date

April 2025



Order Limits



Ditches

0344 8700 007  
axis.co.uk



Project

**Frodsham Solar  
Environmental Statement**

Figure Number

**Appendix 2-1  
Figure 3**

Figure Title

**Indicative Watercourse  
Crossing Points**

Scale

**1:5000@A3**

Date

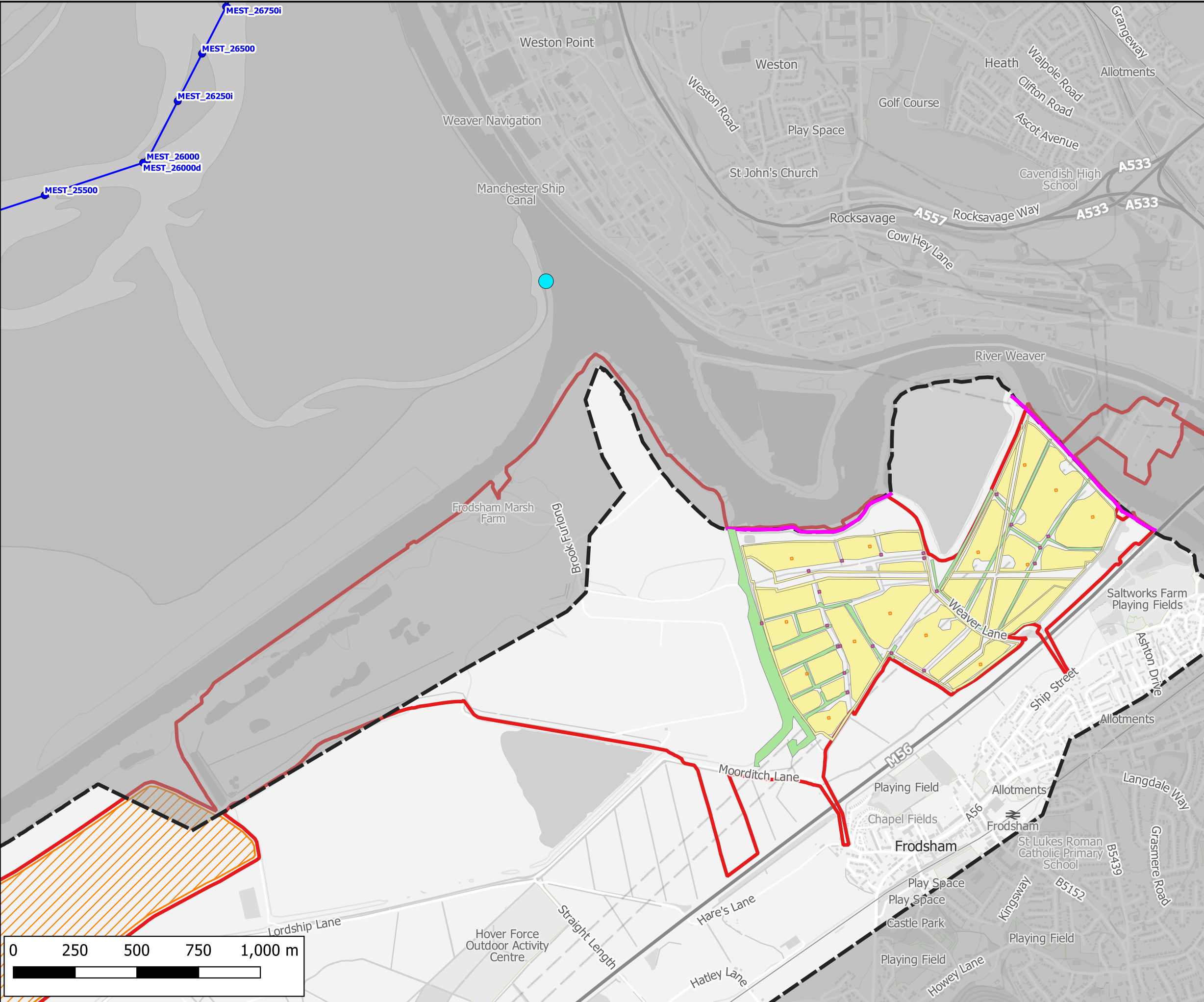
**April 2025**



0 100 200 300 400 500 m

## **Appendix C    1D/2D Model Extents**





Notes:

1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

**LEGEND**

- Site Boundary
- Land Not Within Site Boundary
- 1D Node
- 1D Network
- Breach Location
- River Weaver Flood Defences
- Proposed Hedgerows
- Proposed Solar Panels and Fences
- Proposed Volume Displacement
- Proposed Crossings

CLIENT:

Frodsham Solar Ltd

www.waterco.co.uk

SCHEME:

Frodsham Solar

PLOT TITLE:

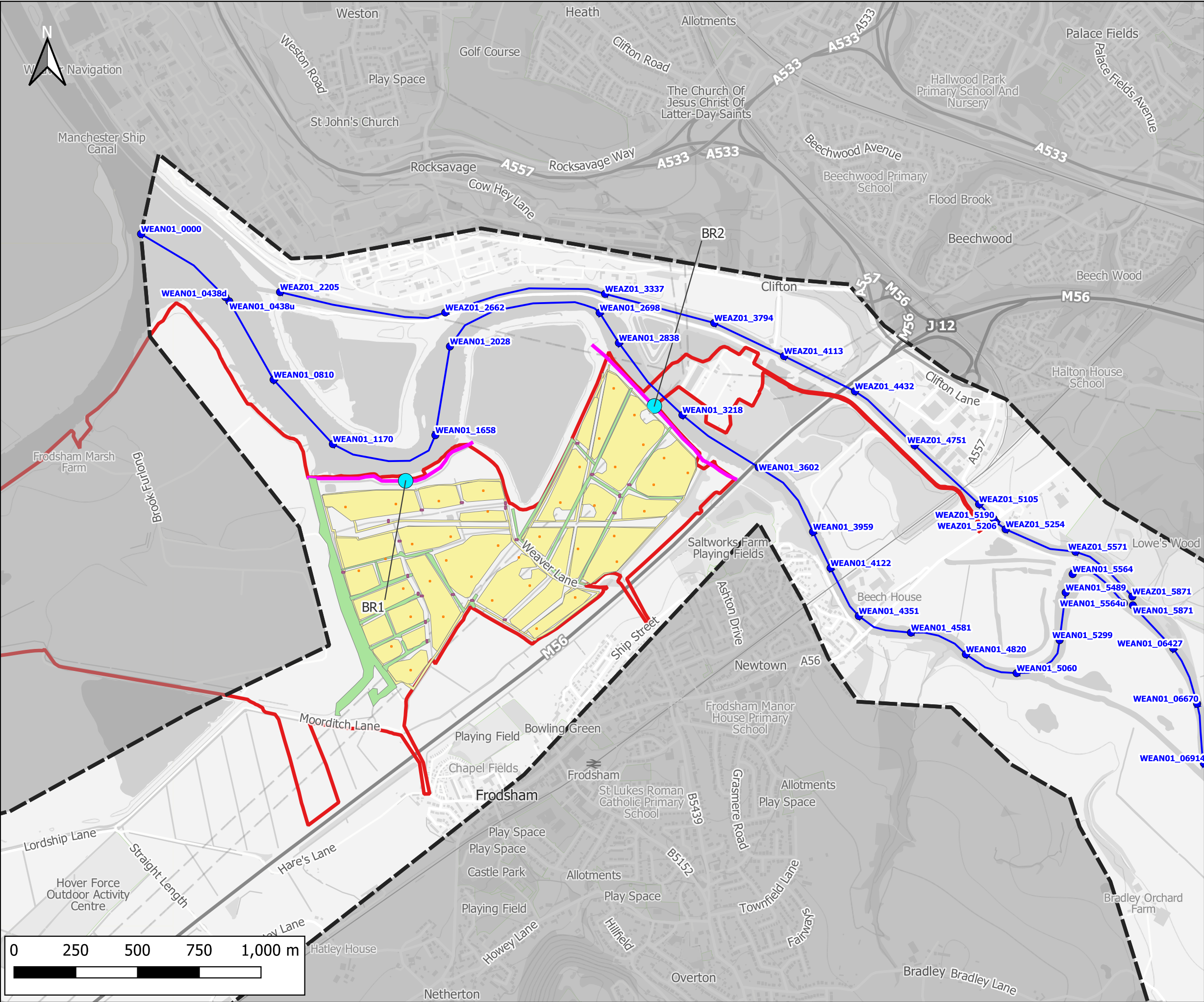
Proposed Development  
Model Extent  
River Mersey Model

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FINAL			17-10-2025

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PLOT NAME:	REVISION:
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Notes:  
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

**LEGEND**

- Site Boundary
- 2D Model Extent
- 1D Node
- 1D Network
- Breach Location
- River Weaver Flood Defences
- Proposed Hedgerows
- Proposed Solar Panels and Fences
- Proposed Volume Displacement
- Proposed Crossings

CLIENT:  
**Frodsham Solar Ltd**

SCHEME:  
**Frodsham Solar**

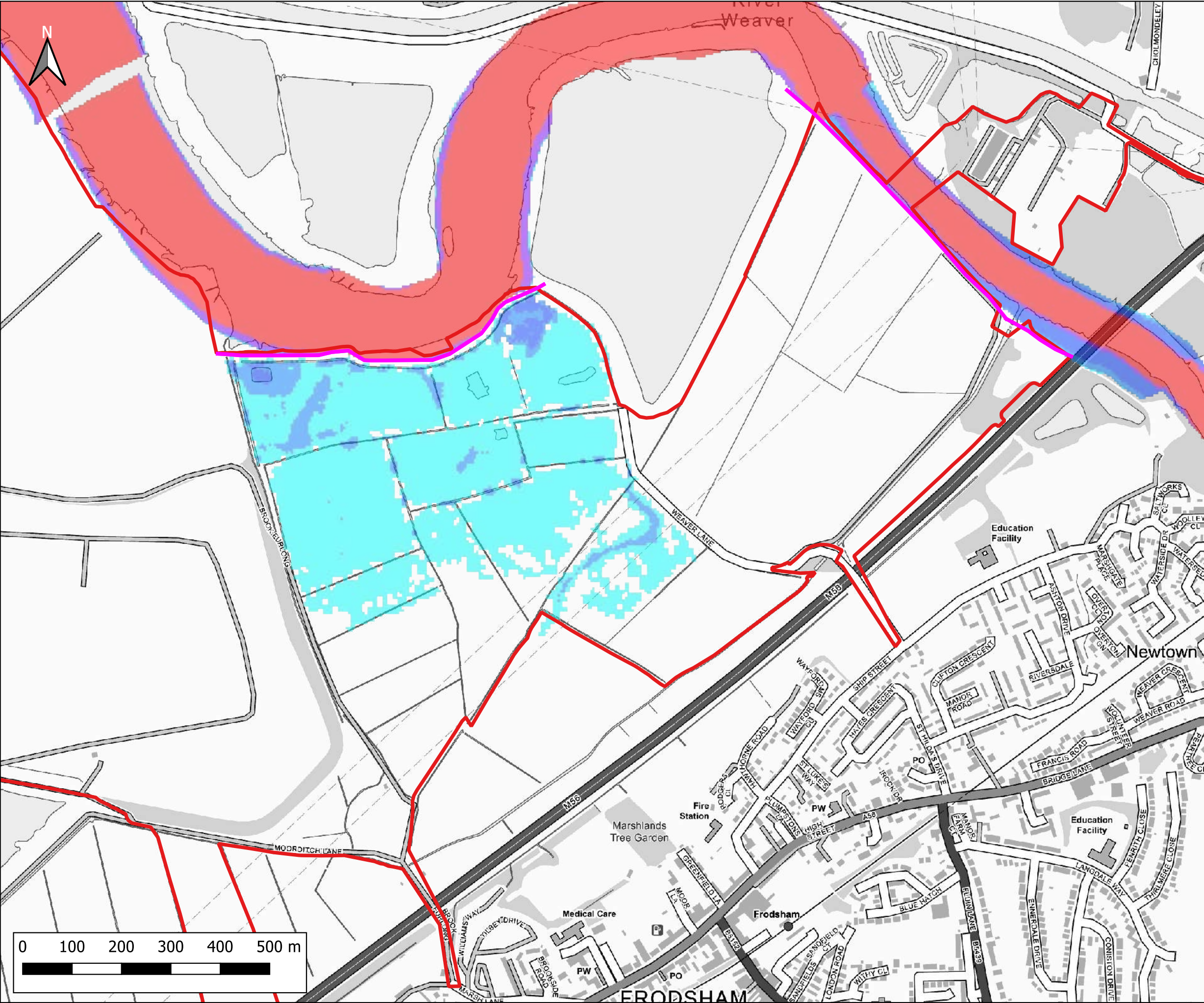
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Model Extent  
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**Appendix D   Simulated Flood Maps**



**Mersey Estuary Flood Mapping**



Notes:  
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

**LEGEND**

Site Boundary

River Weaver Flood Defences

Maximum Flood Depth

- < 0.3m
- 0.3m - 0.6m
- 0.6m - 1.2m
- 1.2m - 2.4m
- > 2.4m

Weston

3

12

East

FRODSHAM

CLIENT:

Frodsham Solar Ltd

www.waterco.co.uk

SCHEME:

Frodsham Solar

PLOT TITLE:

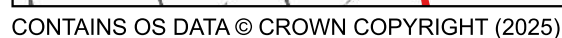
River Mersey Maximum Flood Depth  
0.5% AEP Tidal Event  
2024 Higher Central  
Defended Existing Scenario (EXG)

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FINAL		20-10-2025	

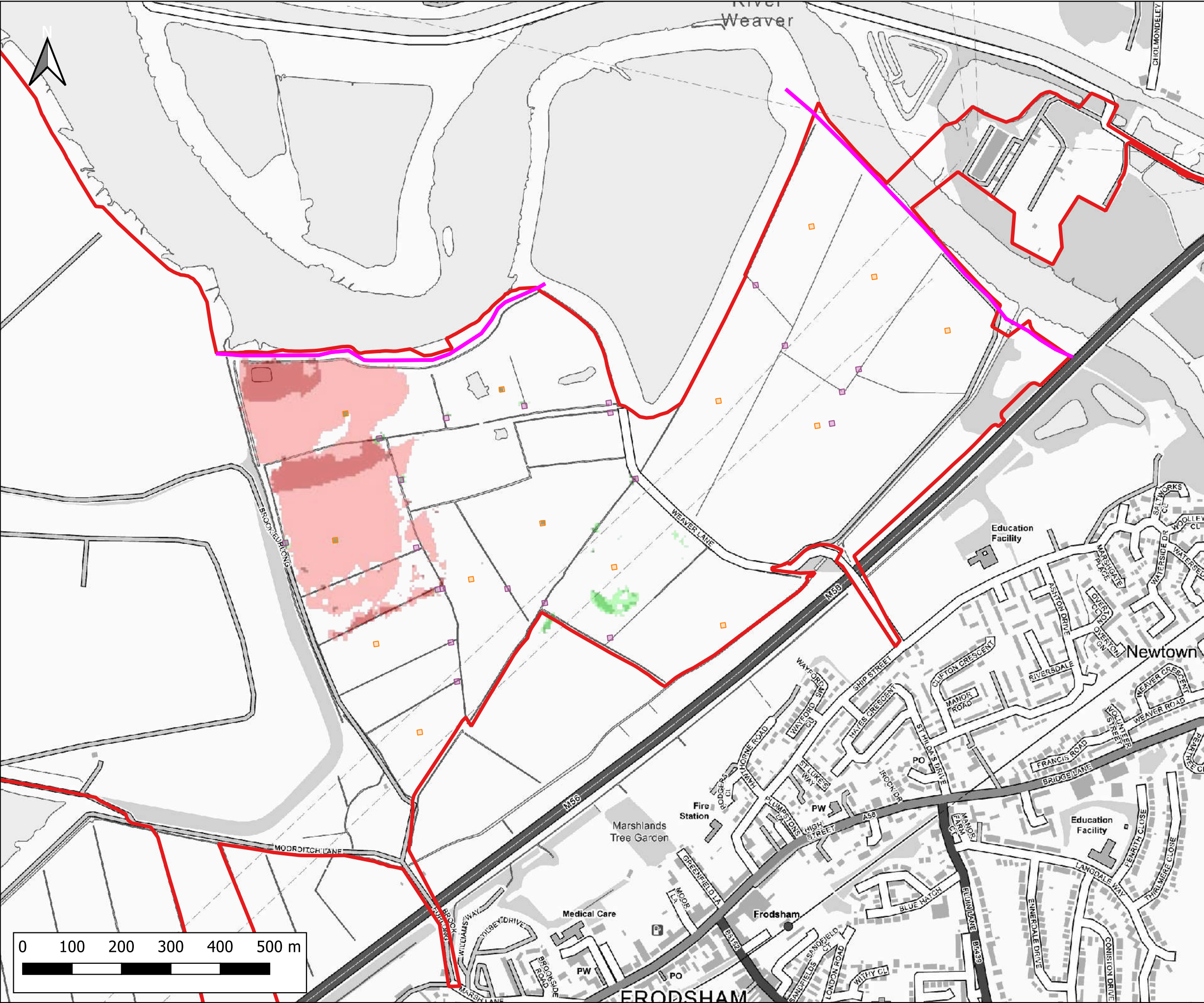
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Notes:  
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

**LEGEND**

- Site Boundary
- River Weaver Flood Defences
- Proposed Volume Displacement
- Proposed Crossings

Maximum Flood Depth Difference

- > -100mm
- 50mm to -100mm
- 20mm to -50mm
- No Change (+/- 20mm)
- +20mm to +50mm
- +50mm to +100mm
- > +100mm

CLIENT:

Frodsham Solar Ltd

www.waterco.co.uk

SCHEME:

Frodsham Solar

PLOT TITLE:

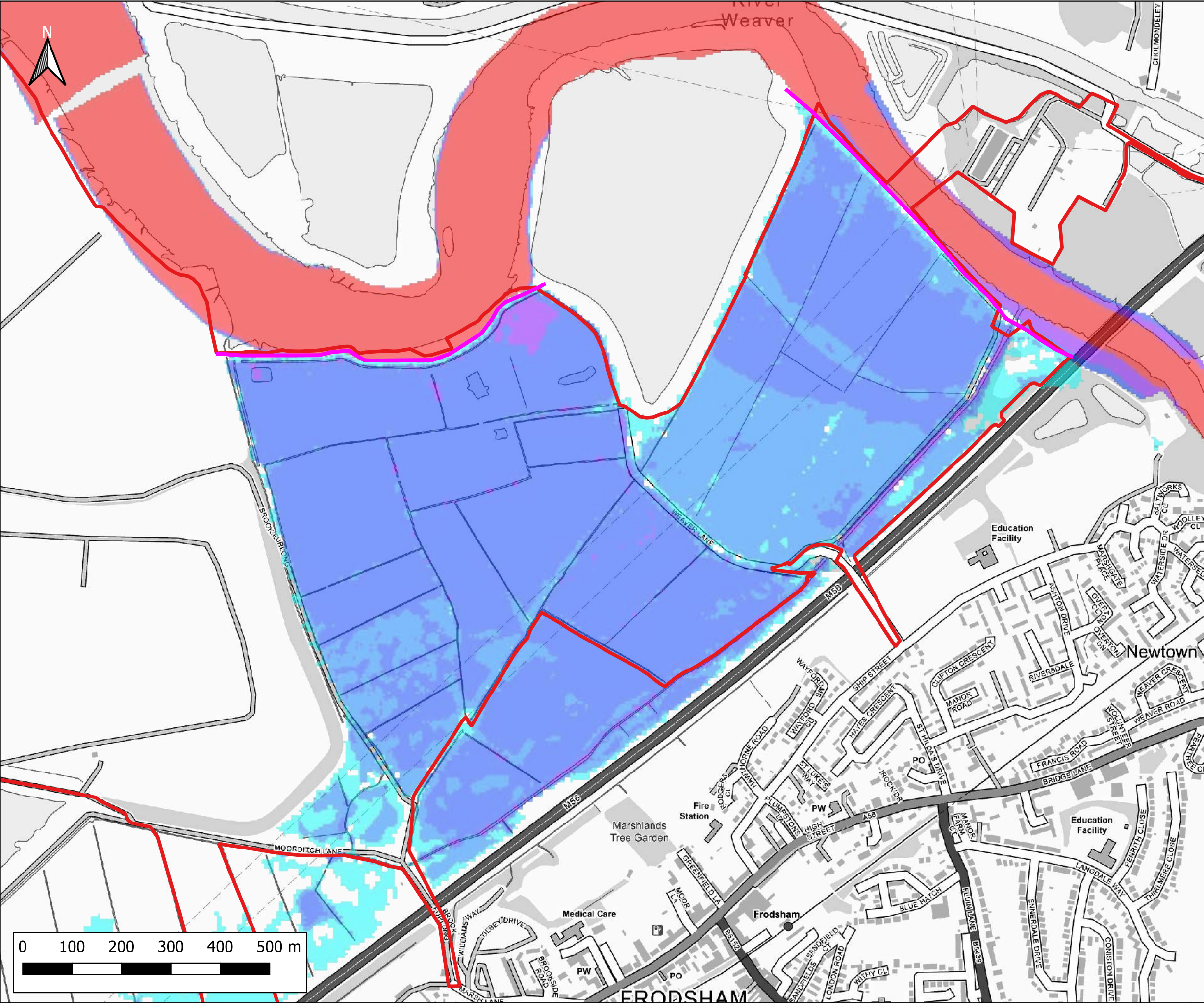
River Mersey Maximum Flood Depth Difference  
0.5% AEP Tidal Event  
2024 Higher Central  
Defended DEV - EXG

PLOT STATUS:		DATE:	
FINAL		20-10-2025	

DRAWN:	CHECKED:	APPROVED:	PLOT SCALE AT A3:
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Notes:  
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

**LEGEND**

Site Boundary

River Weaver Flood Defences

Maximum Flood Depth

- < 0.3m
- 0.3m - 0.6m
- 0.6m - 1.2m
- 1.2m - 2.4m
- > 2.4m

CLIENT:

Frodsham Solar Ltd

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SCHEME:

Frodsham Solar

PLOT TITLE:

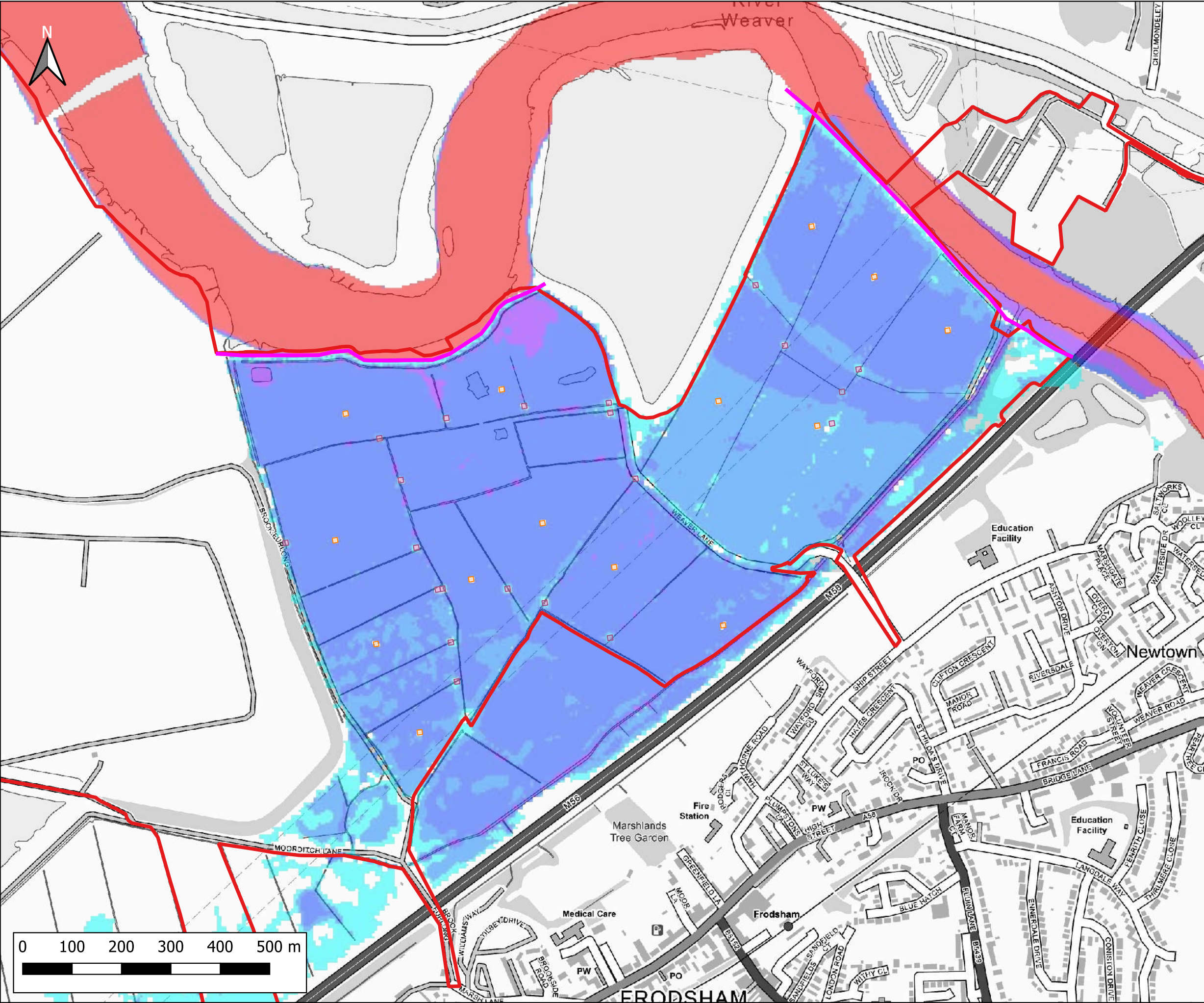
River Mersey Maximum Flood Depth  
0.5% AEP Tidal Event  
2075 Higher Central  
Defended Existing Scenario (EXG)

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FINAL		20-10-2025	

DRAWN:	CHECKED:	APPROVED:	PLOT SCALE AT A3:
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14740_MERS_T200HC_2075HC_EXG_DEF_020_d_Max	-





Notes:  
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

**LEGEND**

- Site Boundary
- River Weaver Flood Defences
- Proposed Volume Displacement
- Proposed Crossings

Maximum Flood Depth

- < 0.3m
- 0.3m - 0.6m
- 0.6m - 1.2m
- 1.2m - 2.4m
- > 2.4m

CLIENT:

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SCHEME:

Frodsham Solar

PLOT TITLE:

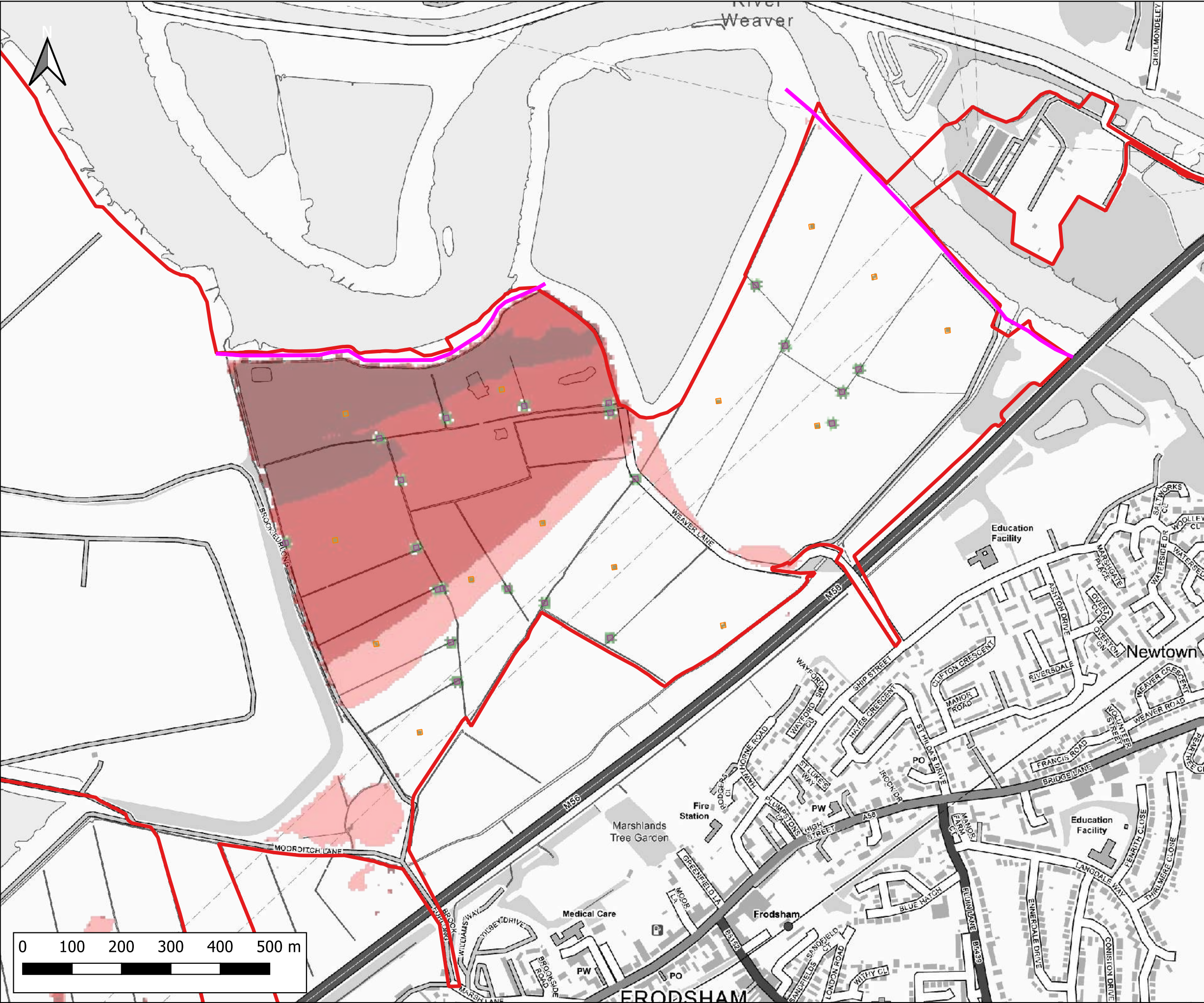
River Mersey Maximum Flood Depth  
0.5% AEP Tidal Event  
2075 Higher Central  
Defended Proposed Development Scenario (DEV)

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Notes:  
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

**LEGEND**

- Site Boundary
- River Weaver Flood Defences
- Proposed Volume Displacement
- Proposed Crossings

Maximum Flood Depth Difference

- > -100mm
- 50mm to -100mm
- 20mm to -50mm
- No Change (+/- 20mm)
- +20mm to +50mm
- +50mm to +100mm
- > +100mm

CLIENT:

Frodsham Solar Ltd

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SCHEME:

Frodsham Solar

PLOT TITLE:

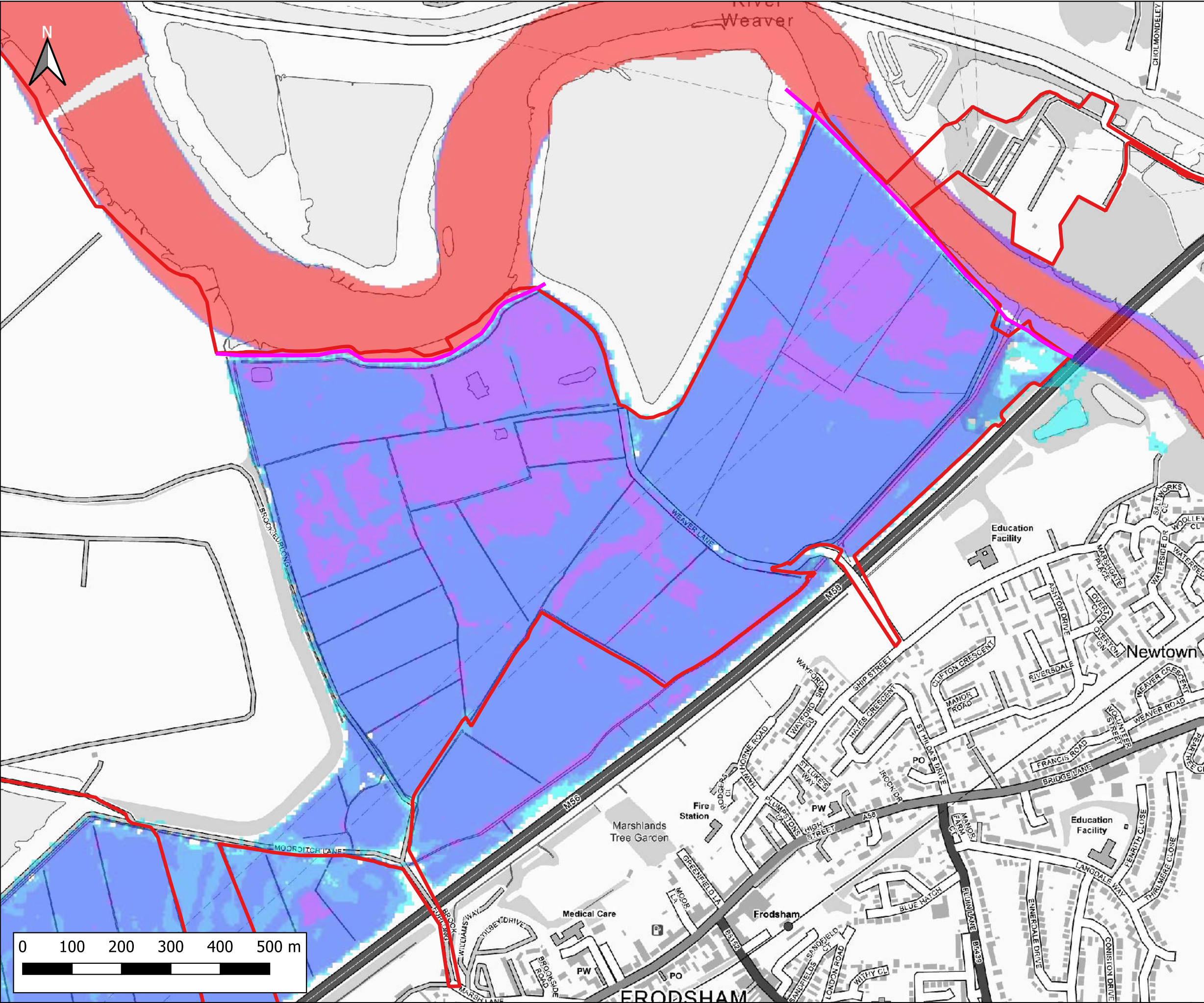
River Mersey Maximum Flood Depth Difference  
0.5% AEP Tidal Event  
2075 Higher Central  
Defended DEV - EXG

PLOT STATUS:			DATE:
FINAL			20-10-2025

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PLOT NAME:	REVISION:
14740_MERS_T200HC_2075HC_DEV3-EXG_DEF_020_d-Diff	-





Notes:  
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

**LEGEND**

Site Boundary


River Weaver Flood Defences

Maximum Flood Depth

- <- 0.3m
- 0.3m - 0.6m
- 0.6m - 1.2m
- 1.2m - 2.4m
- > 2.4m

CLIENT:

Frodsham Solar Ltd

  
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SCHEME:

Frodsham Solar

PLOT TITLE:

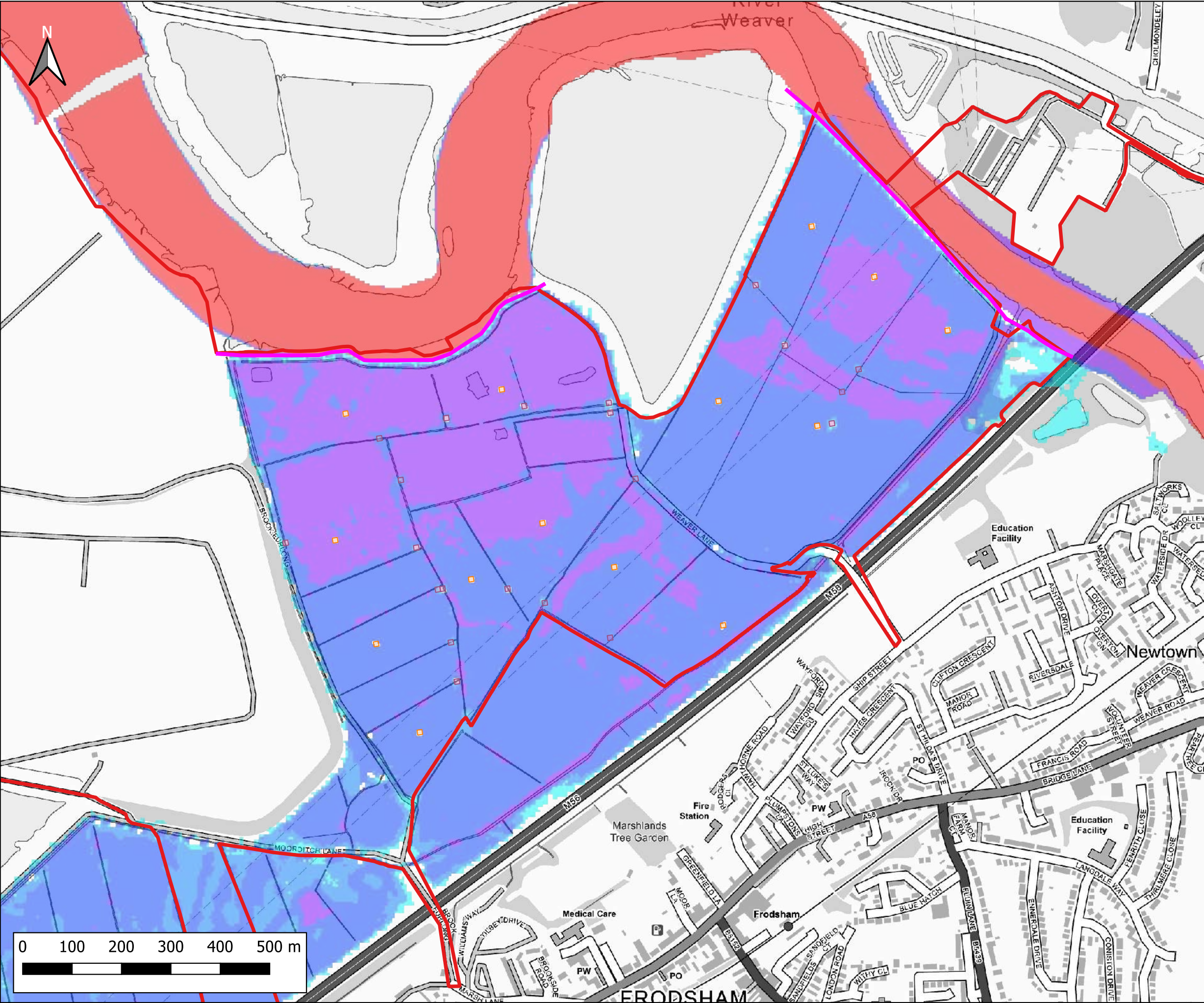
River Mersey Maximum Flood Depth  
0.5% AEP Tidal Event  
2075 Upper End  
Defended Existing Scenario (EXG)

PLOT STATUS:		FINAL		DATE:	20-10-2025
--------------	--	-------	--	-------	------------

DRAWN:	CHECKED:	APPROVED:	PLOT SCALE AT A3:	
MH	AP	LS	1:7500	

PLOT NAME:		REVISION:
14740_MERS_T200HC_2075UE_EXG_DEF_020_d_Max		-





Notes:  
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

**LEGEND**

- Site Boundary
- River Weaver Flood Defences
- Proposed Volume Displacement
- Proposed Crossings

Maximum Flood Depth

- < 0.3m
- 0.3m - 0.6m
- 0.6m - 1.2m
- 1.2m - 2.4m
- > 2.4m

CLIENT:

Frodsham Solar Ltd

www.waterco.co.uk

SCHEME:

Frodsham Solar

PLOT TITLE:

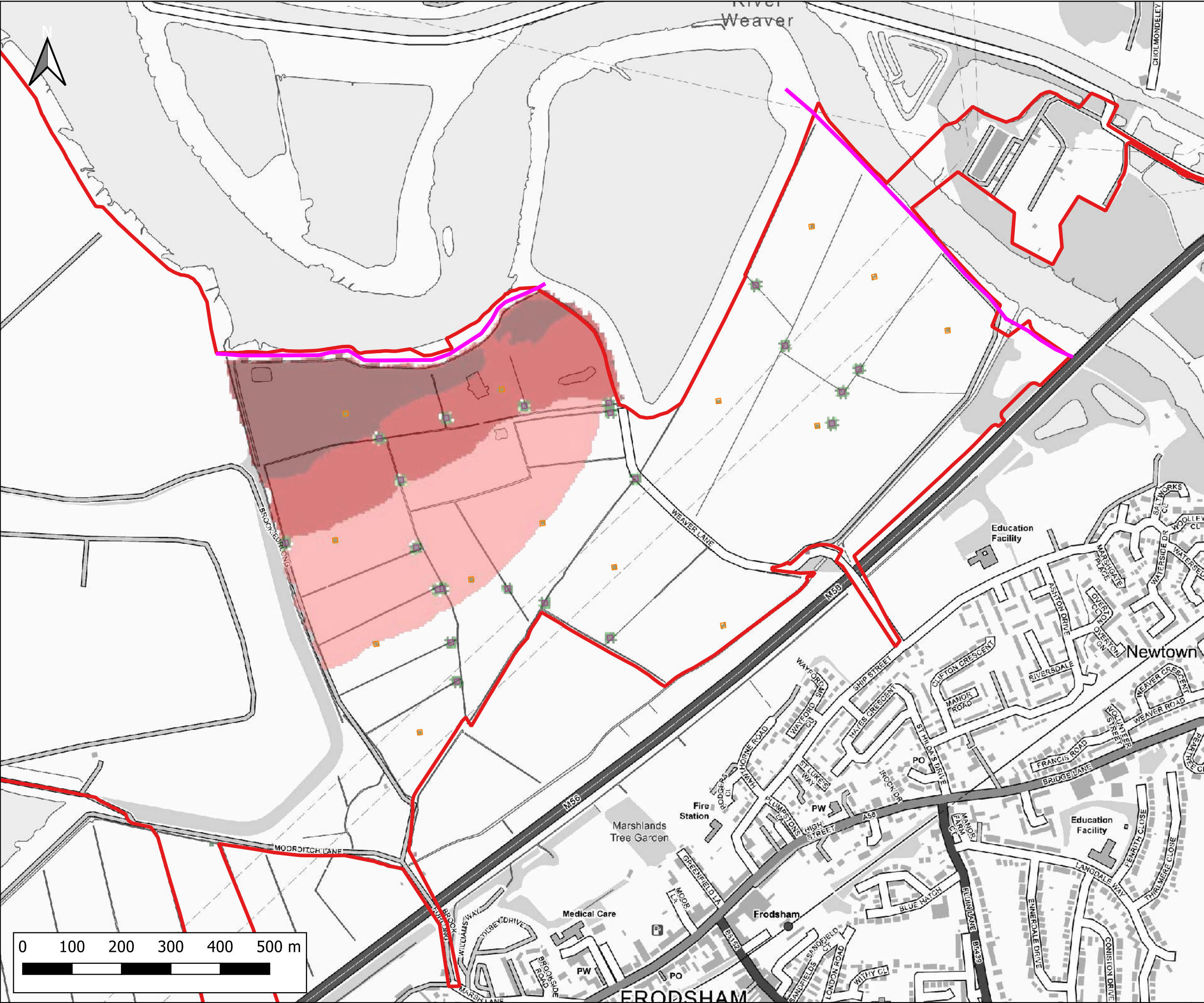
River Mersey Maximum Flood Depth  
0.5% AEP Tidal Event  
2075 Upper End  
Defended Proposed Development Scenario (DEV)

PLOT STATUS:		DATE:	
FINAL		20-10-2025	

DRAWN:	CHECKED:	APPROVED:	PLOT SCALE AT A3:
MH	AP	LS	1:7500

PLOT NAME:	REVISION:
14740_MERS_T200HC_2075UE_DEV3_DEF_020_d_Max	-





Notes:  
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

**LEGEND**

- Site Boundary
- River Weaver Flood Defences
- Proposed Volume Displacement
- Proposed Crossings

Maximum Flood Depth Difference

- > -100mm
- 50mm to -100mm
- 20mm to -50mm
- No Change (+/- 20mm)
- +20mm to +50mm
- +50mm to +100mm
- > +100mm

CLIENT:

Frodsham Solar Ltd

www.waterco.co.uk

SCHEME:

Frodsham Solar

PLOT TITLE:

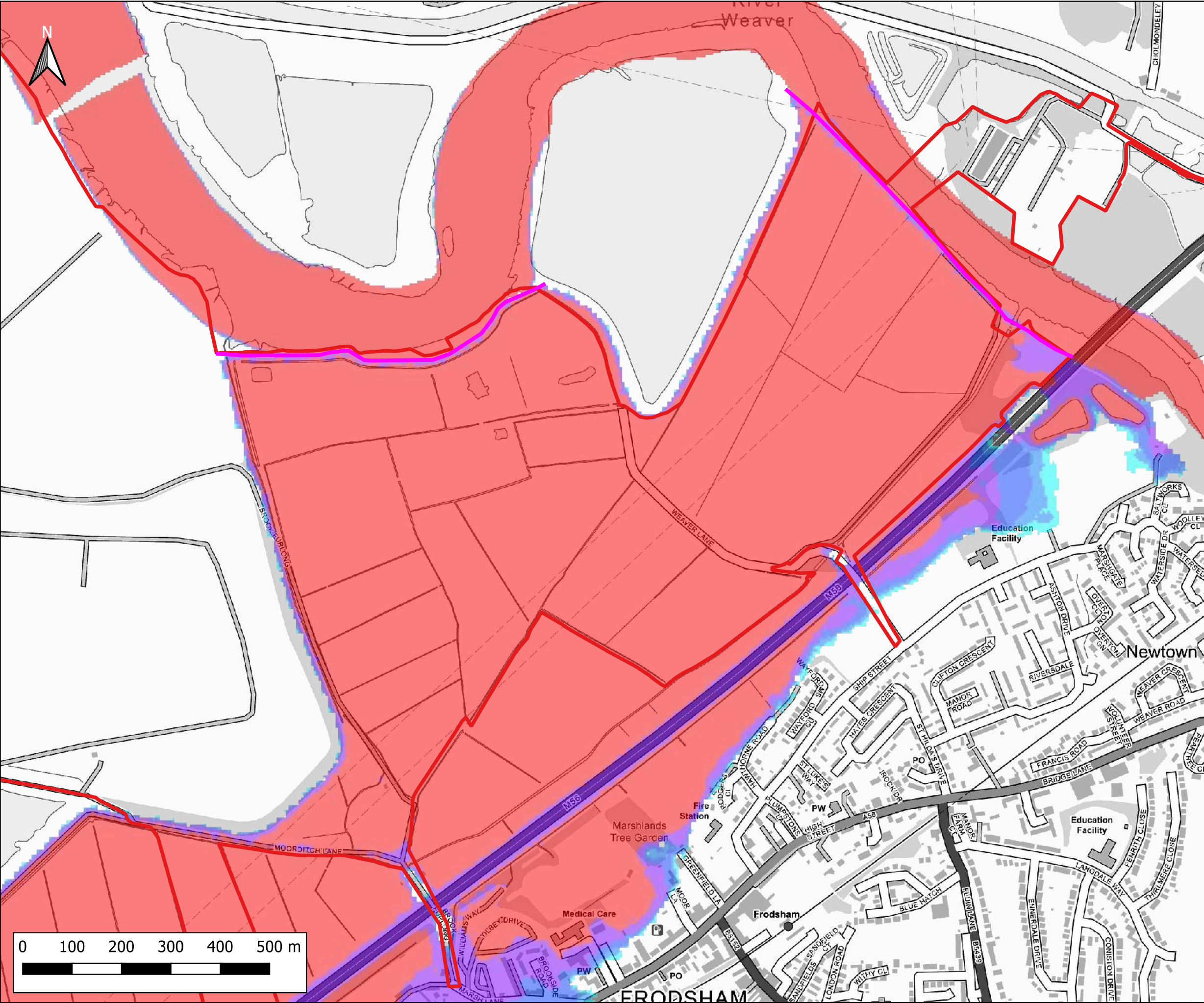
River Mersey Maximum Flood Depth Difference  
0.5% AEP Tidal Event  
2075 Upper End  
Defended DEV - EXG

PLOT STATUS:		DATE:	
FINAL		20-10-2025	

DRAWN:	CHECKED:	APPROVED:	PLOT SCALE AT A3:
MH	AP	LS	1:7500

PLOT NAME:	REVISION:
14740_MERS_T200HC_2075UE_DEV3-EXG_DEF_020_d-Diff	-





Notes:  
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

**LEGEND**

Site Boundary

River Weaver Flood Defences

Maximum Flood Depth

- < 0.3m
- 0.3m - 0.6m
- 0.6m - 1.2m
- 1.2m - 2.4m
- > 2.4m

CLIENT:

Frodsham Solar Ltd

**waterco**

www.waterco.co.uk

SCHEME:

Frodsham Solar

PLOT TITLE:

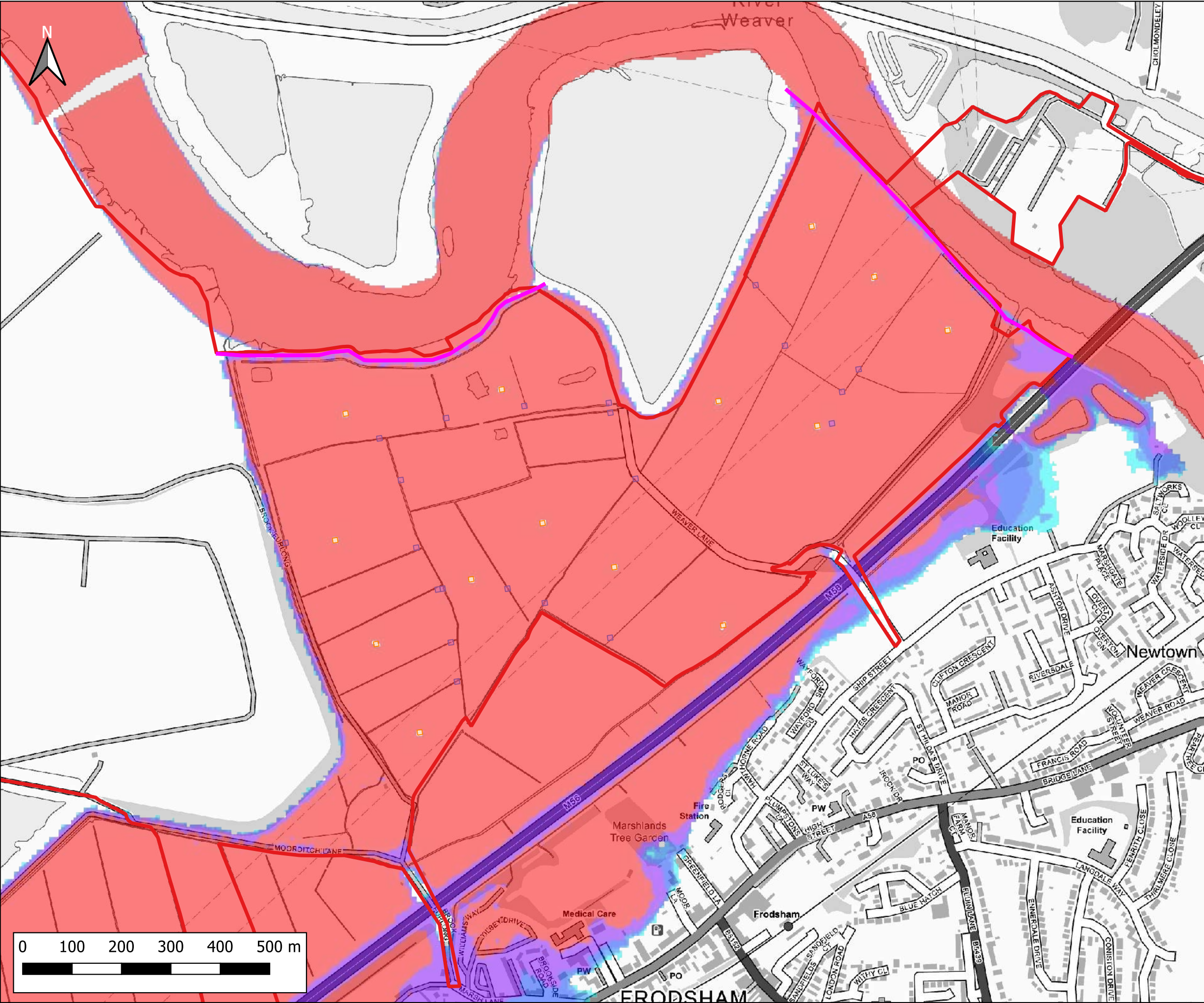
River Mersey Maximum Flood Depth  
0.5% AEP Tidal Event  
H++  
Defended Existing Scenario (EXG)

PLOT STATUS:			DATE:
FINAL			20-10-2025

DRAWN:	CHECKED:	APPROVED:	PLOT SCALE AT A3:
MH	AP	LS	1:7500

PLOT NAME:	REVISION:
14740_MERS_T200HC_2100H++_EXG_DEF_020_d_Max	-





Notes:  
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

**LEGEND**

- Site Boundary
- River Weaver Flood Defences
- Proposed Volume Displacement
- Proposed Crossings

Maximum Flood Depth

- <- 0.3m
- 0.3m - 0.6m
- 0.6m - 1.2m
- 1.2m - 2.4m
- > 2.4m

CLIENT:

Frodsham Solar Ltd

www.waterco.co.uk

SCHEME:

Frodsham Solar

PLOT TITLE:

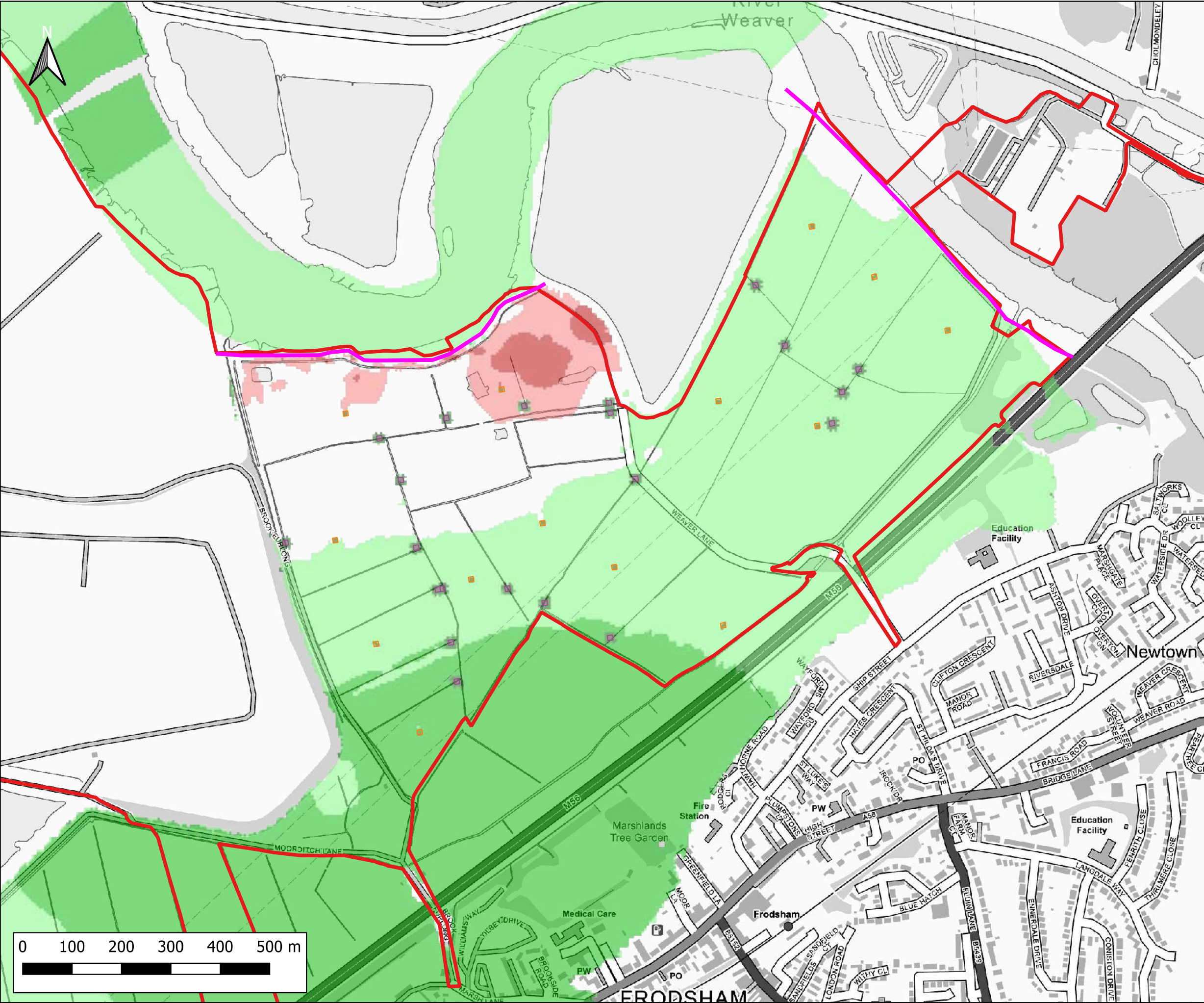
River Mersey Maximum Flood Depth  
0.5% AEP Tidal Event  
H++  
Defended Proposed Development Scenario (DEV)

PLOT STATUS:			DATE:
FINAL			20-10-2025

DRAWN:	CHECKED:	APPROVED:	PLOT SCALE AT A3:
MH	AP	LS	1:7500

PLOT NAME:	REVISION:
14740_MERS_T200HC_2100H++_DEV3_DEF_020_d_Max	-





Notes:  
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

**LEGEND**

- Site Boundary
- River Weaver Flood Defences
- Proposed Volume Displacement
- Proposed Crossings

Maximum Flood Depth Difference

- > -100mm
- 50mm to -100mm
- 20mm to -50mm
- No Change (+/- 20mm)
- +20mm to +50mm
- +50mm to +100mm
- > +100mm

CLIENT:

Frodsham Solar Ltd

www.waterco.co.uk

SCHEME:

Frodsham Solar

PLOT TITLE:

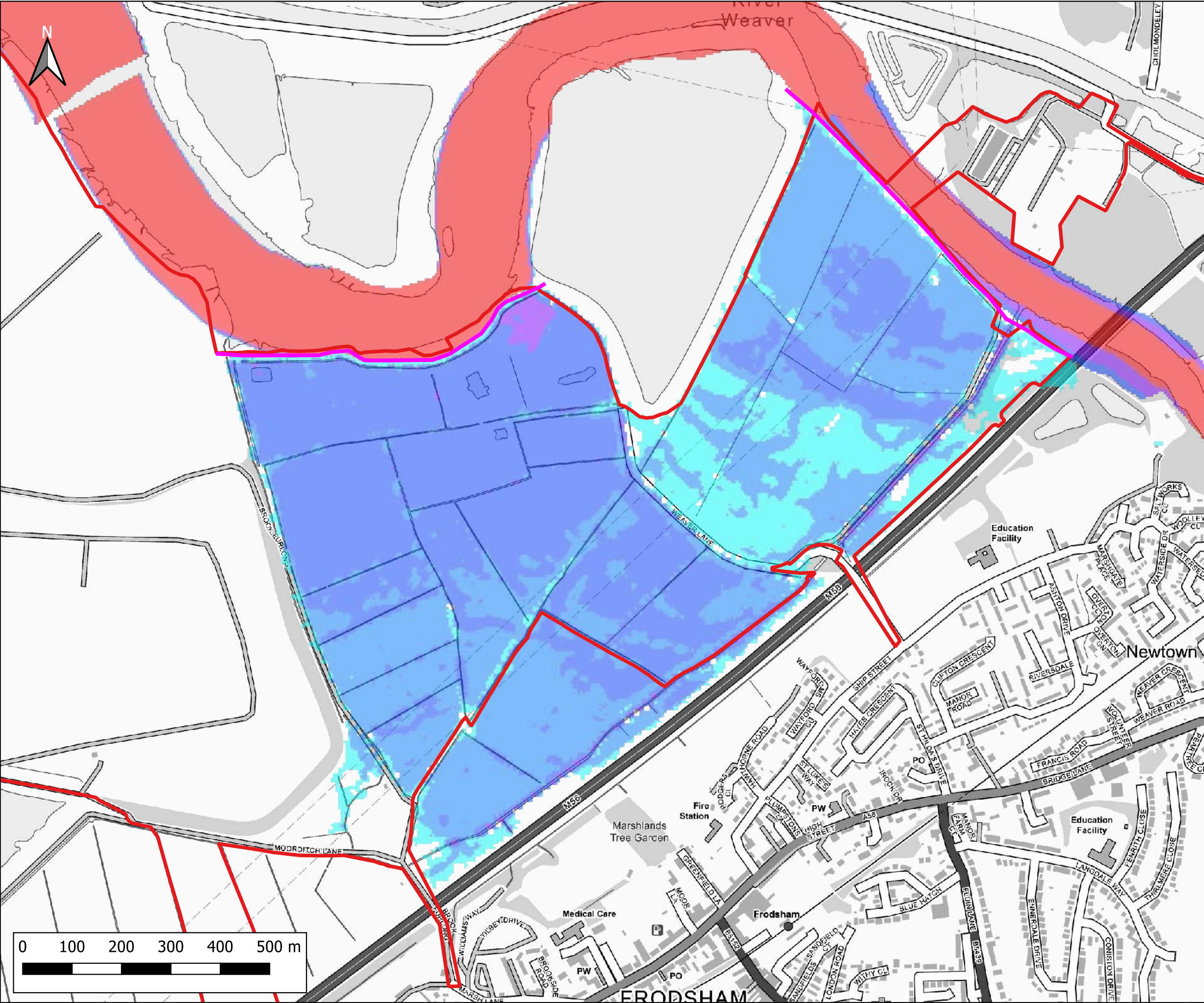
River Mersey Maximum Flood Depth Difference  
0.5% AEP Tidal Event  
H++  
Defended DEV - EXG

PLOT STATUS:		DATE:	
FINAL		20-10-2025	

DRAWN:	CHECKED:	APPROVED:	PLOT SCALE AT A3:
MH	AP	LS	1:7500

PLOT NAME:	REVISION:
14740_MERS_T200HC_2100H++_DEV3-EXG_DEF_020_d-Diff	-





Notes:  
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

**LEGEND**

Site Boundary

River Weaver Flood Defences

Maximum Flood Depth

- < 0.3m
- 0.3m - 0.6m
- 0.6m - 1.2m
- 1.2m - 2.4m
- > 2.4m

Weston

3

12

East

FRODSHAM

CLIENT:

Frodsham Solar Ltd

**waterco**

www.waterco.co.uk

SCHEME:

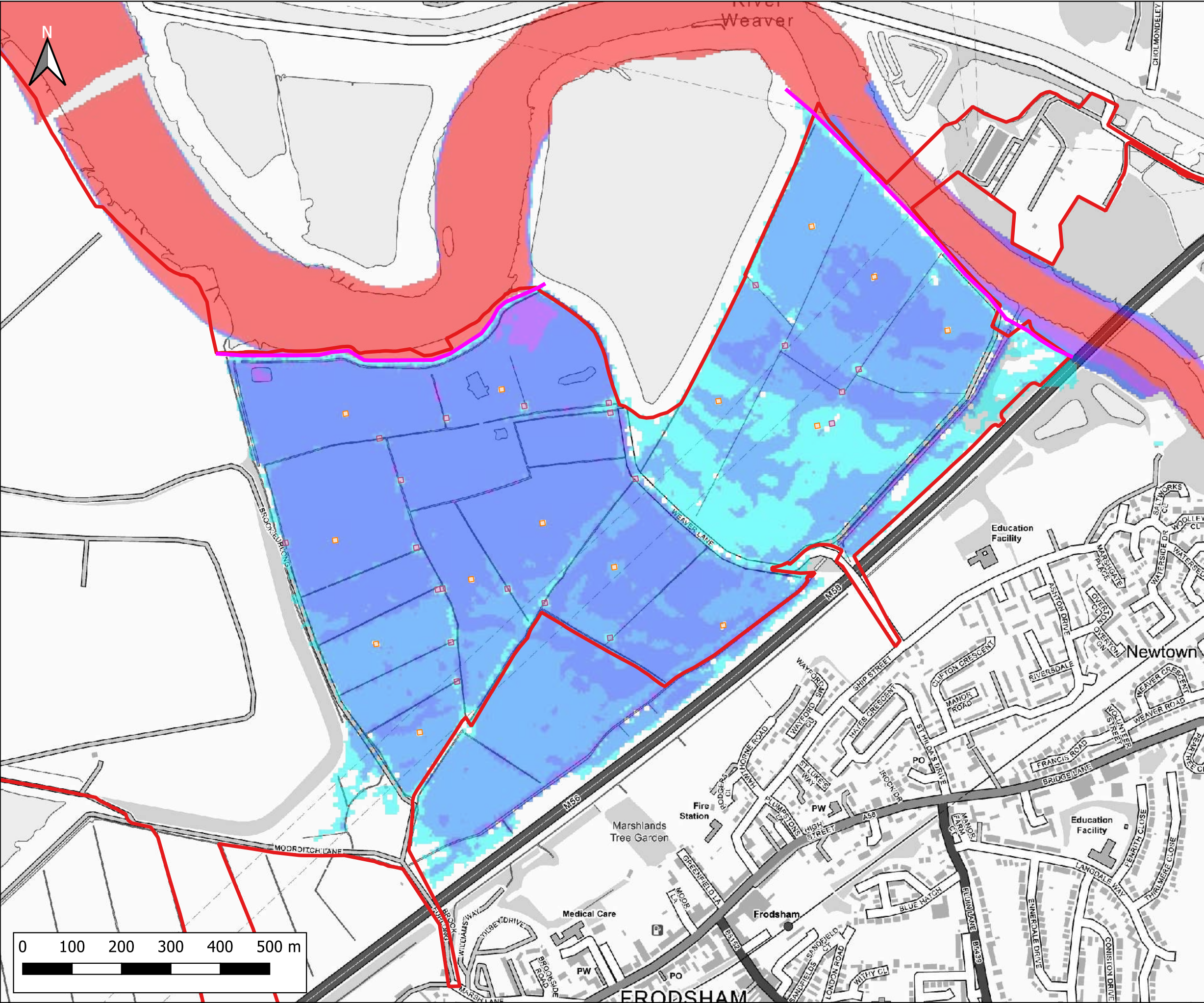
Frodsham Solar

PLOT TITLE:

River Mersey Maximum Flood Depth  
0.1% AEP Tidal Event  
2024 Higher Central  
Defended Existing Scenario (EXG)

PLOT STATUS:		FINAL	DATE:	20-10-2025
DRAWN:	CHECKED:	APPROVED:	PLOT SCALE AT A3:	
MH	AP	LS	1:7500	
PLOT NAME:				REVISION:
14740_MERS_T1000HC_2024HC_EXG_DEF_020_d_Max				-





Notes:  
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

**LEGEND**

- Site Boundary
- River Weaver Flood Defences
- Proposed Volume Displacement
- Proposed Crossings

Maximum Flood Depth

- < 0.3m
- 0.3m - 0.6m
- 0.6m - 1.2m
- 1.2m - 2.4m
- > 2.4m

Client:

Frodsham Solar Ltd

Scheme:

Frodsham Solar

Plot Title:

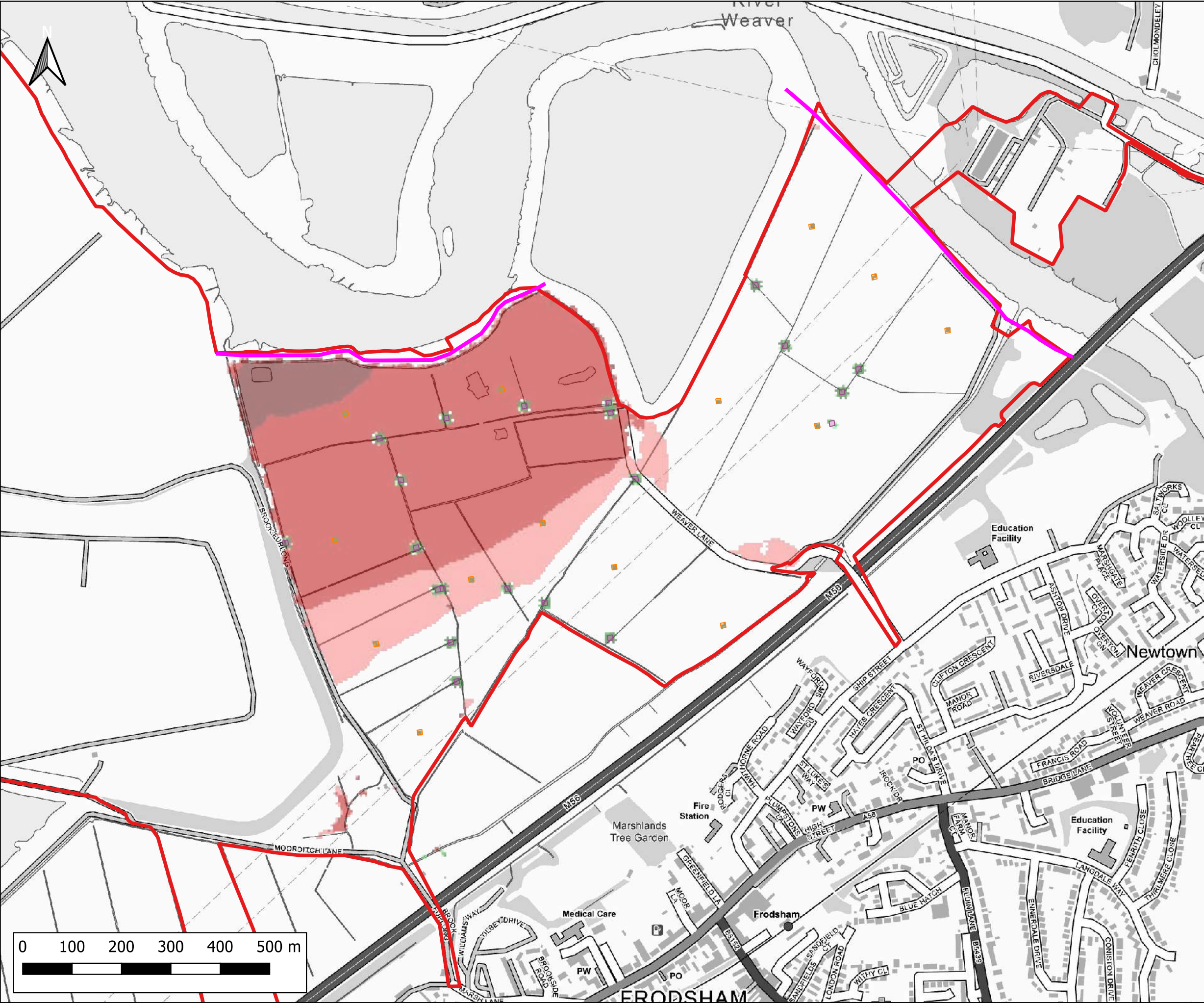
River Mersey Maximum Flood Depth  
0.1% AEP Tidal Event  
2024 Higher Central  
Defended Proposed Development Scenario (DEV)

Plot Status:		Date:	
FINAL		20-10-2025	

Drawn:	Checked:	Approved:	Plot Scale at A3:
MH	AP	LS	1:7500

Plot Name:	Revision:
14740_MERS_T1000HC_2024HC_DEV3_DEF_020_d_Max	-





Notes:  
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

**LEGEND**

- Site Boundary
- River Weaver Flood Defences
- Proposed Volume Displacement
- Proposed Crossings

Maximum Flood Depth Difference

- > -100mm
- 50mm to -100mm
- 20mm to -50mm
- No Change (+/- 20mm)
- +20mm to +50mm
- +50mm to +100mm
- > +100mm

Weston  
River Weaver  
East  
FRODSHAM

CLIENT:  
Frodsham Solar Ltd

**waterco**  
www.waterco.co.uk

SCHEME:  
Frodsham Solar

PLOT TITLE:  
River Mersey Maximum Flood Depth Difference  
0.1% AEP Tidal Event  
2024 Higher Central  
Defended DEV - EXG

PLOT STATUS:  
FINAL

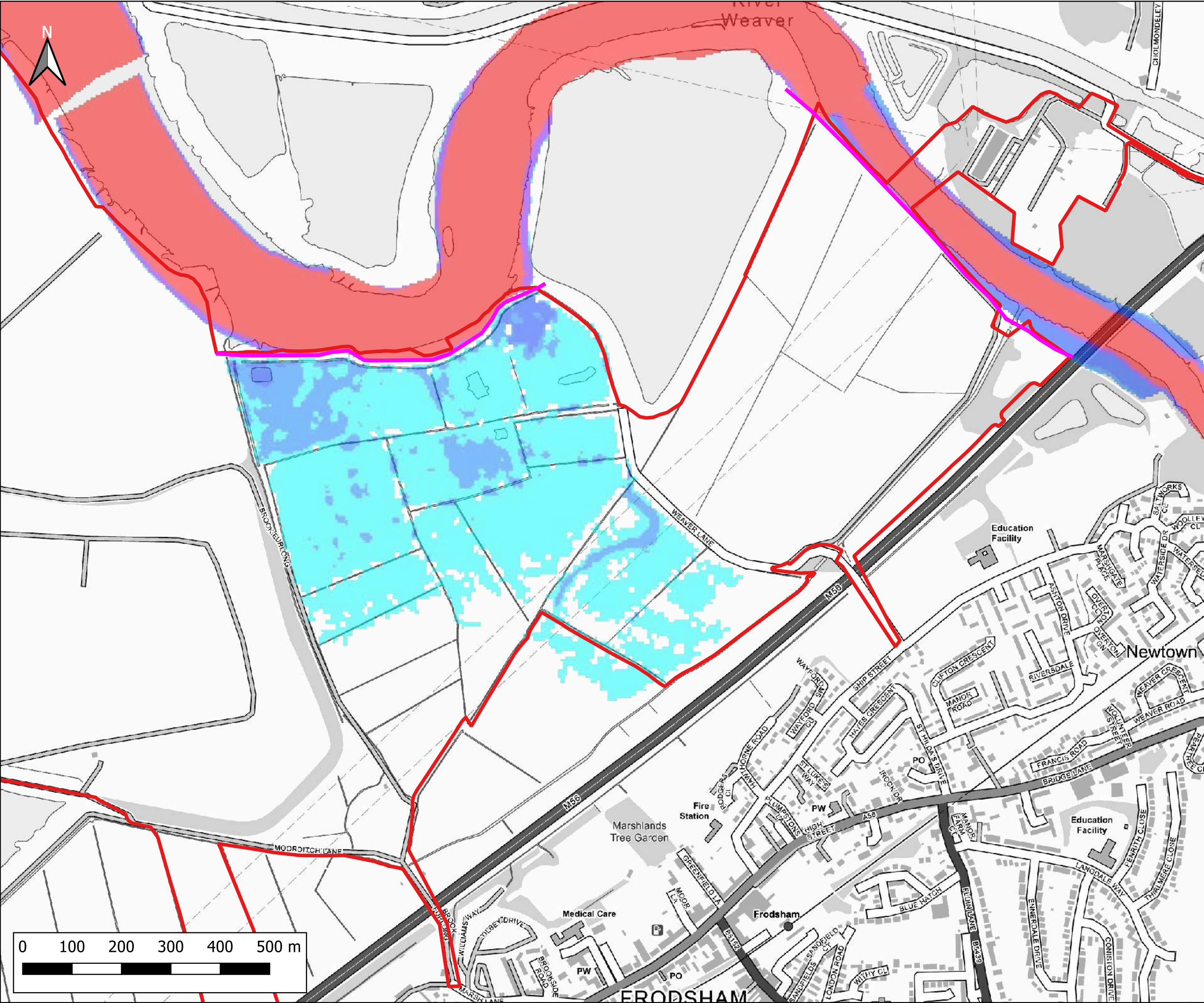
DATE:  
20-10-2025

DRAWN: MH  
CHECKED: AP  
APPROVED: LS  
PLOT SCALE AT A3:  
1:7500

PLOT NAME:  
14740\_MERS\_T1000HC\_2024HC\_DEV3-EXG\_DEF\_020\_d-Diff

REVISION:  
-





Notes:  
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

**LEGEND**

Site Boundary

River Weaver Flood Defences

Maximum Flood Depth

- < 0.3m
- 0.3m - 0.6m
- 0.6m - 1.2m
- 1.2m - 2.4m
- > 2.4m

Weston

3

12

East

FRODSHAM

CLIENT:

Frodsham Solar Ltd

www.waterco.co.uk

SCHEME:

Frodsham Solar

PLOT TITLE:

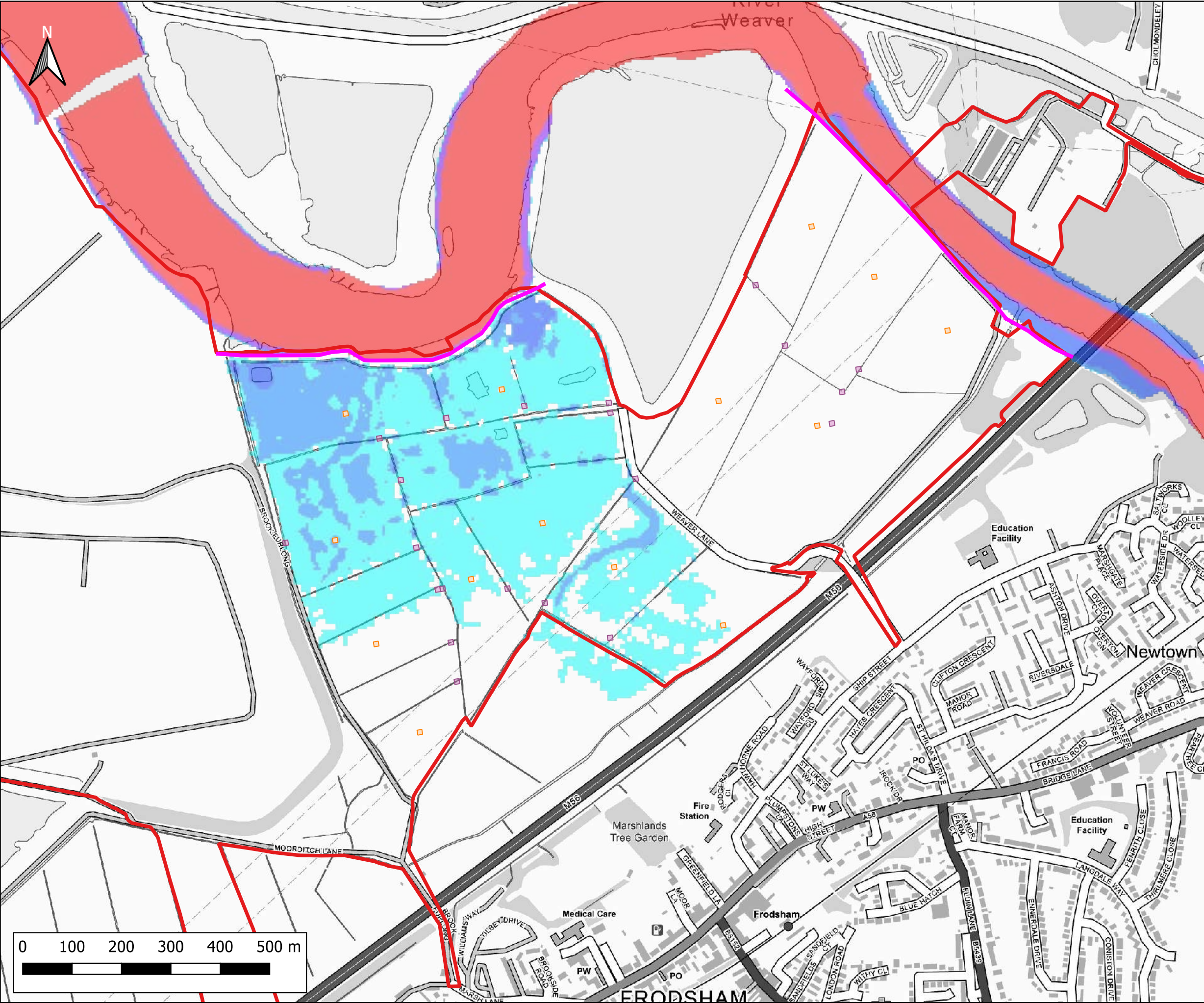
River Mersey Maximum Flood Depth  
0.5% AEP Tidal Event  
2024 Higher Central  
Breach 1 Existing Scenario

PLOT STATUS:		DATE:	
FINAL		20-10-2025	

DRAWN:	CHECKED:	APPROVED:	PLOT SCALE AT A3:
MH	AP	LS	1:7500

PLOT NAME:	REVISION:
14740_MERS_T200HC_2024HC_EXG_BR1_020_d_Max	-





Notes:  
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

**LEGEND**

- Site Boundary
- River Weaver Flood Defences
- Proposed Volume Displacement
- Proposed Crossings

Maximum Flood Depth

- < 0.3m
- 0.3m - 0.6m
- 0.6m - 1.2m
- 1.2m - 2.4m
- > 2.4m

Client:

Frodsham Solar Ltd

www.waterco.co.uk

Scheme:

Frodsham Solar

Plot Title:

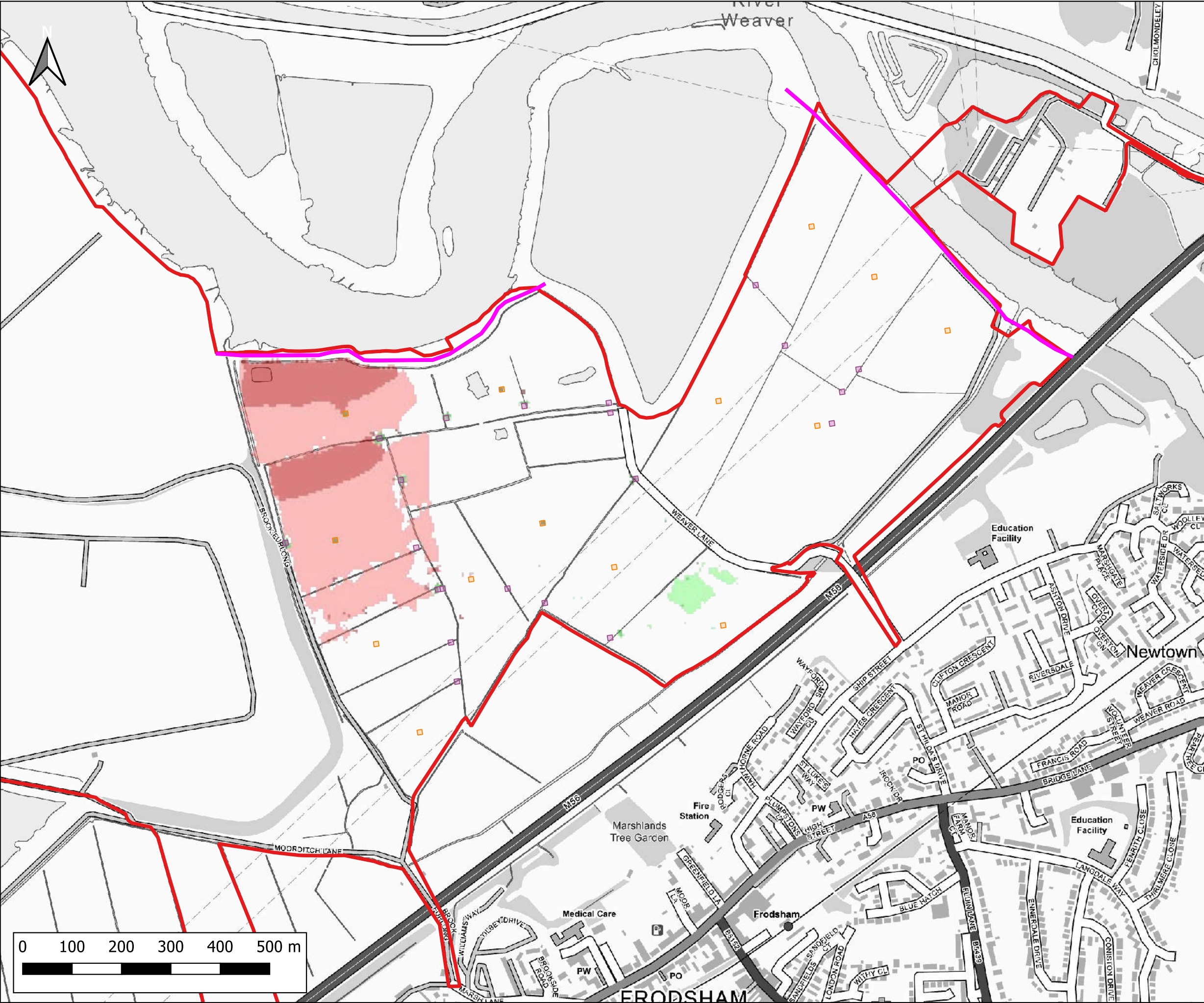
River Mersey Maximum Flood Depth  
0.5% AEP Tidal Event  
2024 Higher Central  
Breach 1 Proposed Development Scenario

Plot Status:		Date:	
FINAL		20-10-2025	

Drawn:	Checked:	Approved:	Plot Scale at A3:
MH	AP	LS	1:7500

Plot Name:	Revision:
14740_MERS_T200HC_2024HC_DEV3_BR1_020_d_Max	-





Notes:  
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

**LEGEND**

- Site Boundary
- River Weaver Flood Defences
- Proposed Volume Displacement
- Proposed Crossings

Maximum Flood Depth Difference

- > -100mm
- 50mm to -100mm
- 20mm to -50mm
- No Change (+/- 20mm)
- +20mm to +50mm
- +50mm to +100mm
- > +100mm

CLIENT:

Frodsham Solar Ltd

www.waterco.co.uk

SCHEME:

Frodsham Solar

PLOT TITLE:

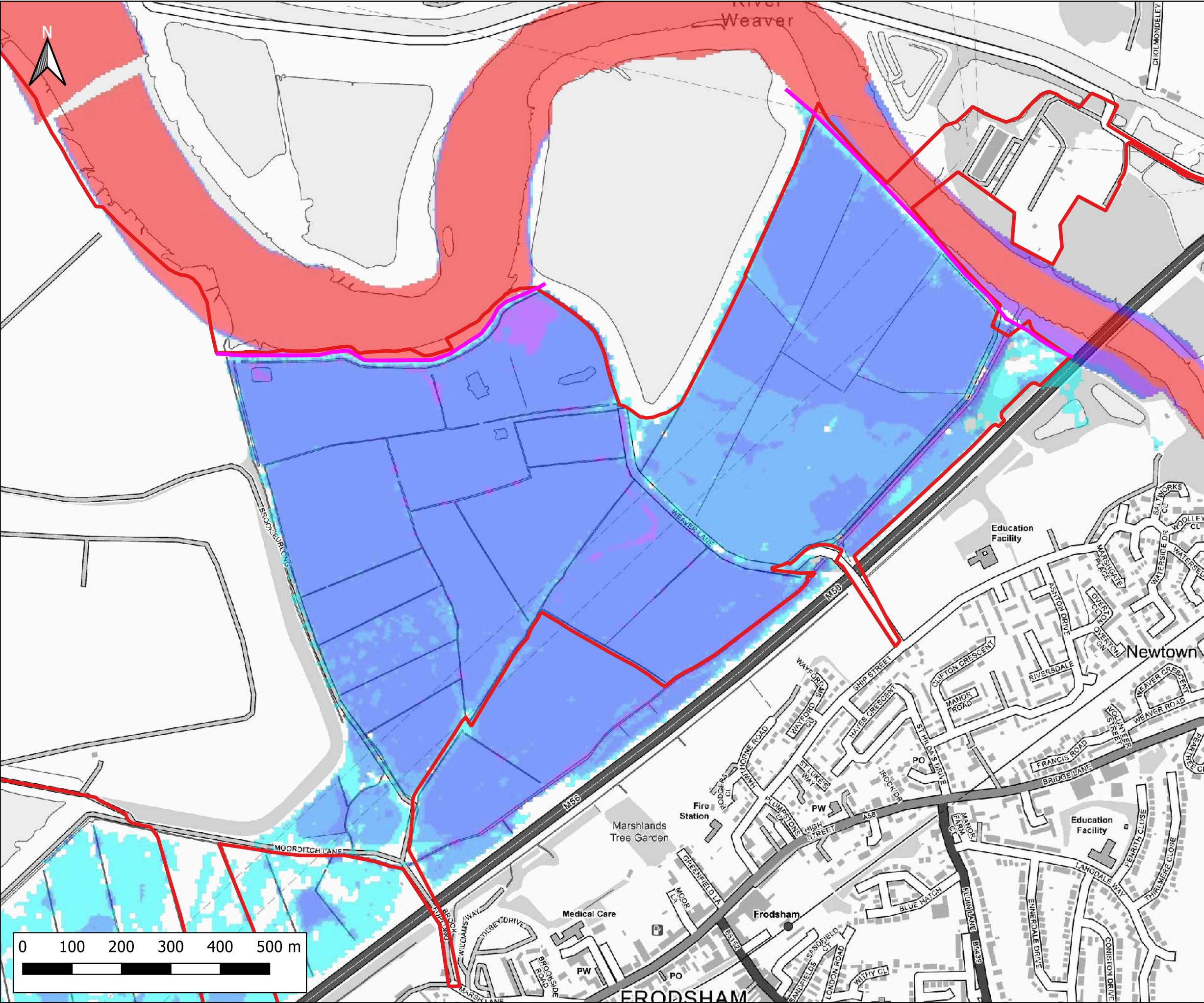
River Mersey Maximum Flood Depth Difference  
0.5% AEP Tidal Event  
2024 Higher Central  
Breach 1 DEV - EXG

PLOT STATUS:		DATE:	
FINAL		20-10-2025	

DRAWN:	CHECKED:	APPROVED:	PLOT SCALE AT A3:
MH	AP	LS	1:7500

PLOT NAME:	REVISION:
14740_MERS_T200HC_2024HC_DEV3-EXG_BR1_020_d-Diff	-





Notes:  
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

**LEGEND**

Site Boundary

River Weaver Flood Defences

Maximum Flood Depth

- < 0.3m
- 0.3m - 0.6m
- 0.6m - 1.2m
- 1.2m - 2.4m
- > 2.4m

CLIENT:

Frodsham Solar Ltd

**waterco**

www.waterco.co.uk

SCHEME:

Frodsham Solar

PLOT TITLE:

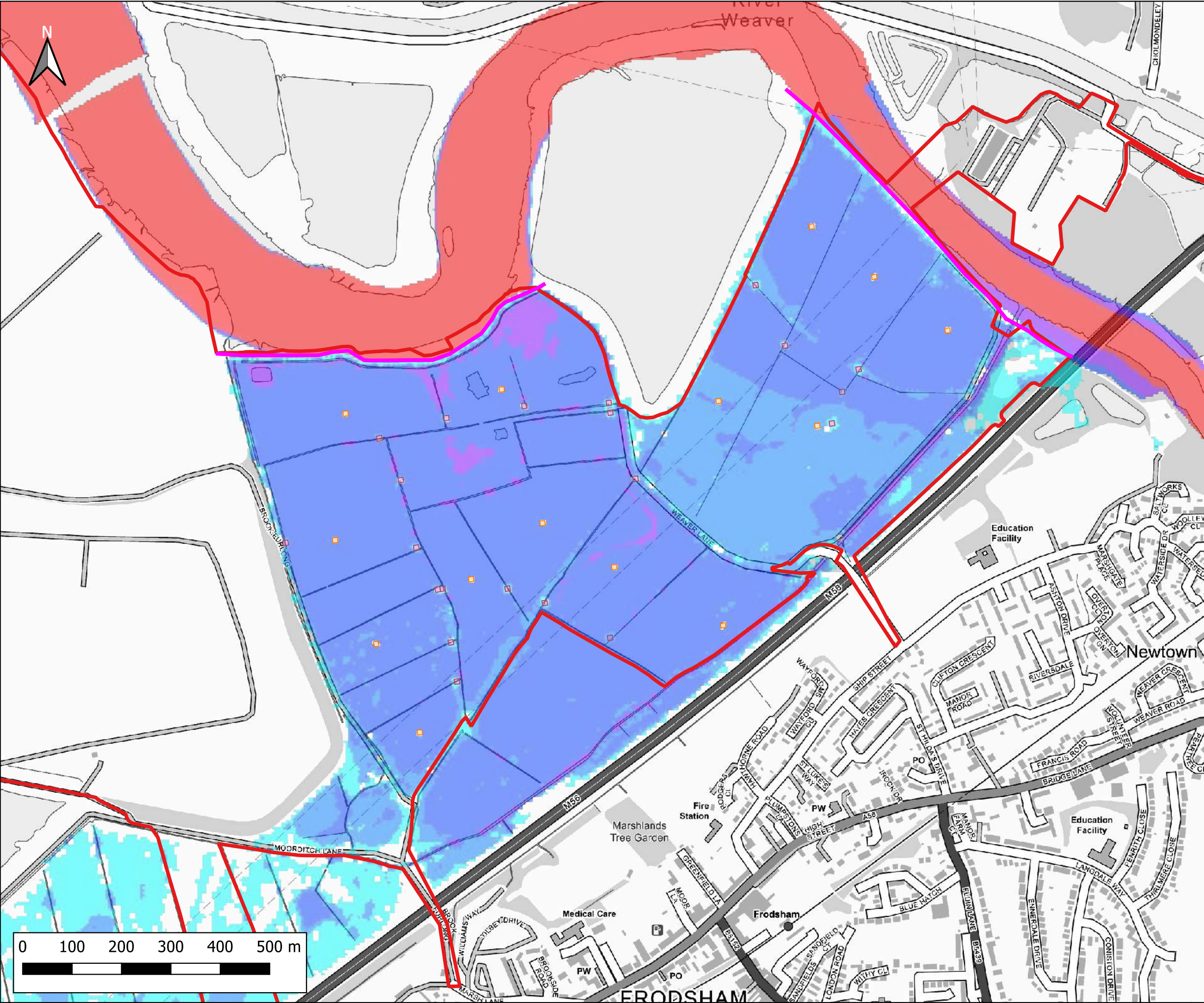
River Mersey Maximum Flood Depth  
0.5% AEP Tidal Event  
2075 Higher Central  
Breach 1 Existing Scenario (EXG)

PLOT STATUS:		DATE:	
FINAL		20-10-2025	

DRAWN:	CHECKED:	APPROVED:	PLOT SCALE AT A3:
MH	AP	LS	1:7500

PLOT NAME:	REVISION:
14740_MERS_T200HC_2075HC_EXG_BR1_020_d_Max	-





Notes:  
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

**LEGEND**

- Site Boundary
- River Weaver Flood Defences
- Proposed Volume Displacement
- Proposed Crossings

Maximum Flood Depth

- < 0.3m
- 0.3m - 0.6m
- 0.6m - 1.2m
- 1.2m - 2.4m
- > 2.4m

Weston

East

FRODSHAM

CLIENT:

Frodsham Solar Ltd

**waterco**  
www.waterco.co.uk

SCHEME:

Frodsham Solar

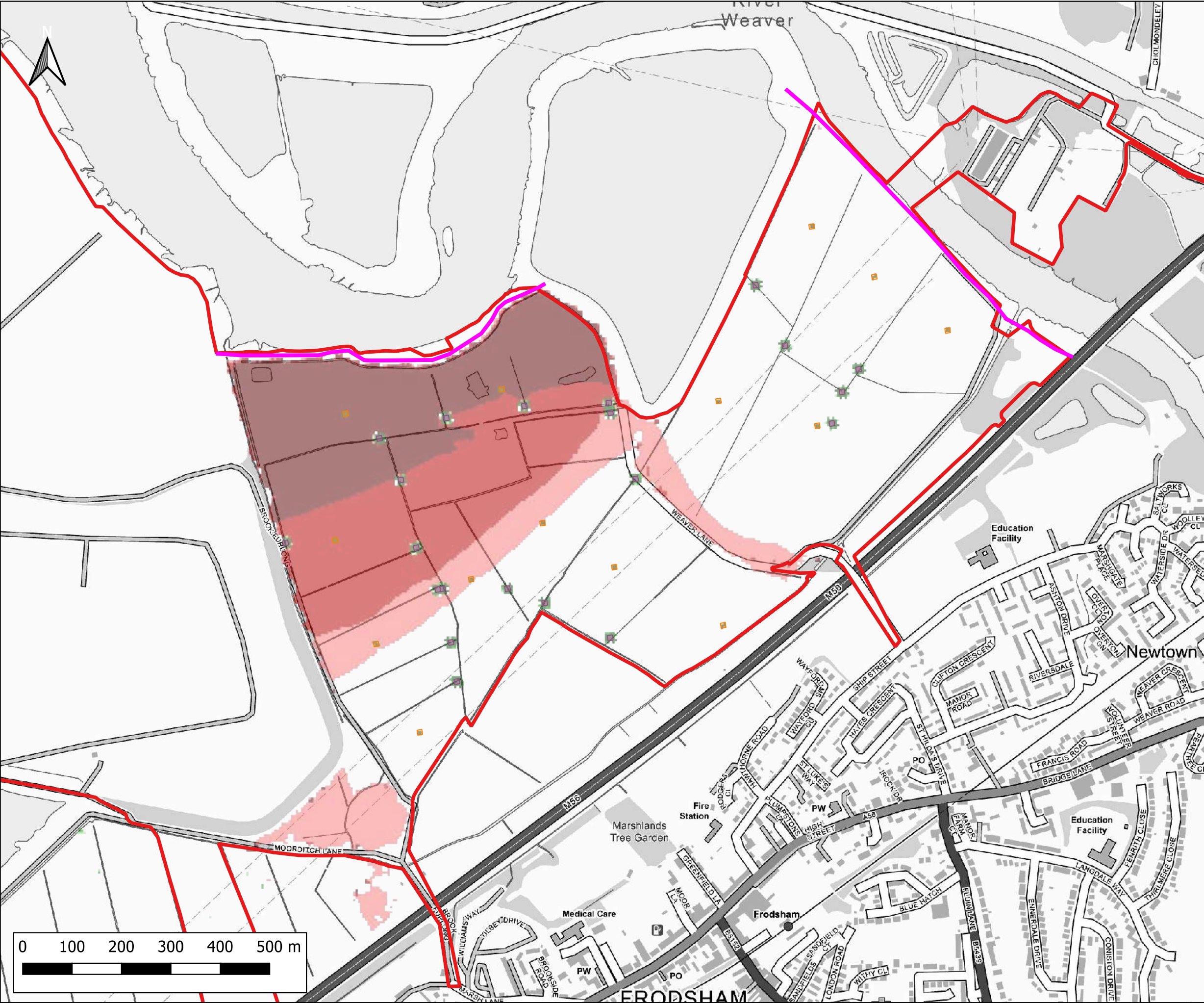
PLOT TITLE:  
River Mersey Maximum Flood Depth  
0.5% AEP Tidal Event  
2075 Higher Central  
Breach 1 Proposed Development Scenario (DEV)

PLOT STATUS: FINAL DATE: 20-10-2025

DRAWN: MH CHECKED: AP APPROVED: LS PLOT SCALE AT A3: 1:7500

PLOT NAME: 14740\_MERS\_T200HC\_2075HC\_DEV3\_BR1\_020\_d\_Max REVISION: -





Notes:  
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

**LEGEND**

- Site Boundary
- River Weaver Flood Defences
- Proposed Volume Displacement
- Proposed Crossings

Maximum Flood Depth Difference

- > -100mm
- 50mm to -100mm
- 20mm to -50mm
- No Change (+/- 20mm)
- +20mm to +50mm
- +50mm to +100mm
- > +100mm

CLIENT:

Frodsham Solar Ltd

**waterco**

www.waterco.co.uk

SCHEME:

Frodsham Solar

PLOT TITLE:

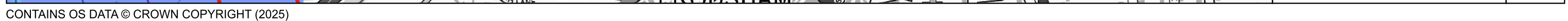
River Mersey Maximum Flood Depth Difference  
0.5% AEP Tidal Event  
2075 Higher Central  
Breach 1 DEV - EXG

PLOT STATUS:		DATE:	
FINAL		20-10-2025	

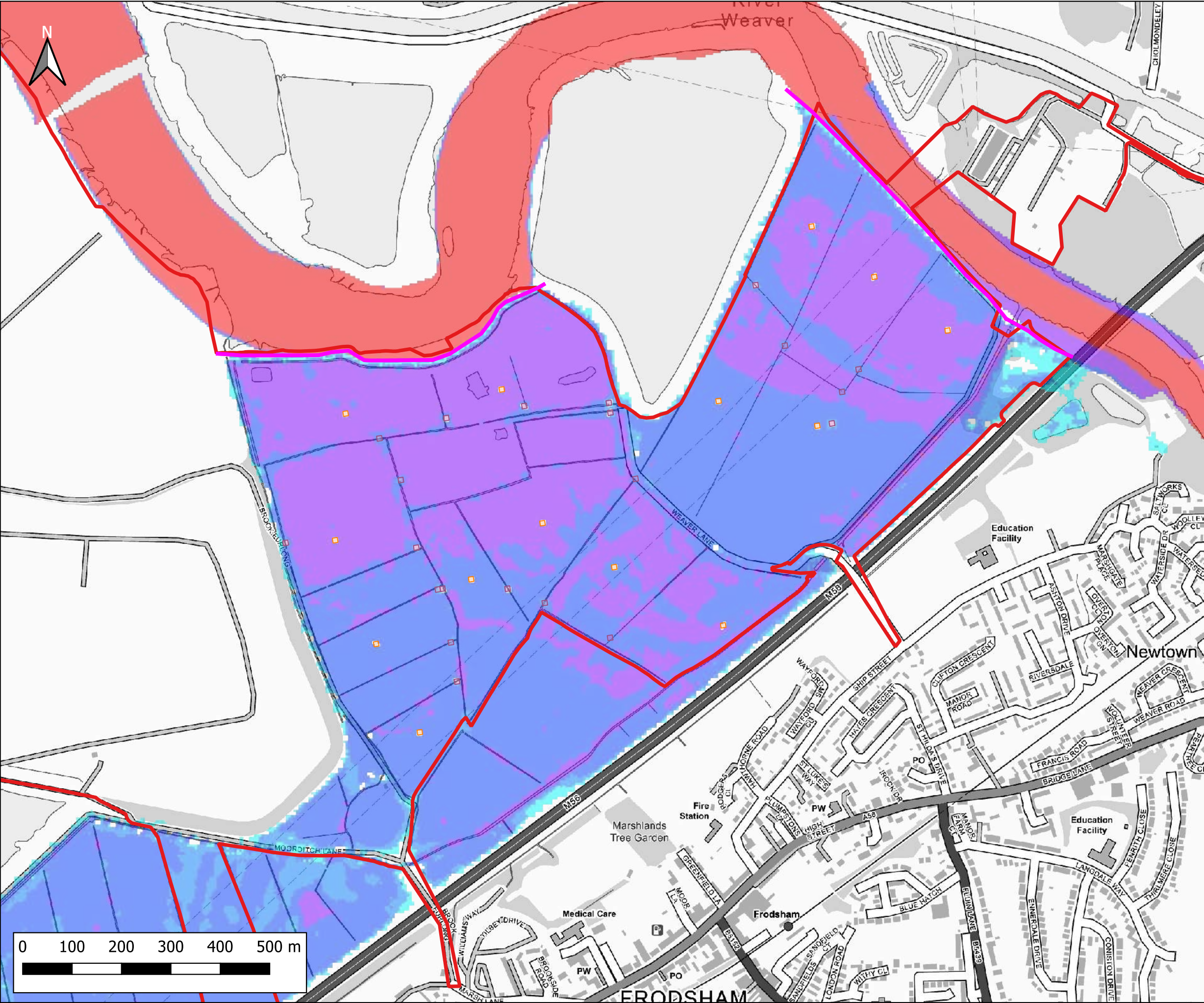
DRAWN:	CHECKED:	APPROVED:	PLOT SCALE AT A3:
MH	AP	LS	1:7500

PLOT NAME:	REVISION:
14740_MERS_T200HC_2075HC_DEV3-EXG_BR1_020_d-Diff	-









Notes:  
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

**LEGEND**

- Site Boundary
- River Weaver Flood Defences
- Proposed Volume Displacement
- Proposed Crossings

Maximum Flood Depth

- < 0.3m
- 0.3m - 0.6m
- 0.6m - 1.2m
- 1.2m - 2.4m
- > 2.4m

Weston  
3  
12  
River Weaver  
East  
FRODSHAM

CLIENT:

Frodsham Solar Ltd

**waterco**  
www.waterco.co.uk

SCHEME:

Frodsham Solar

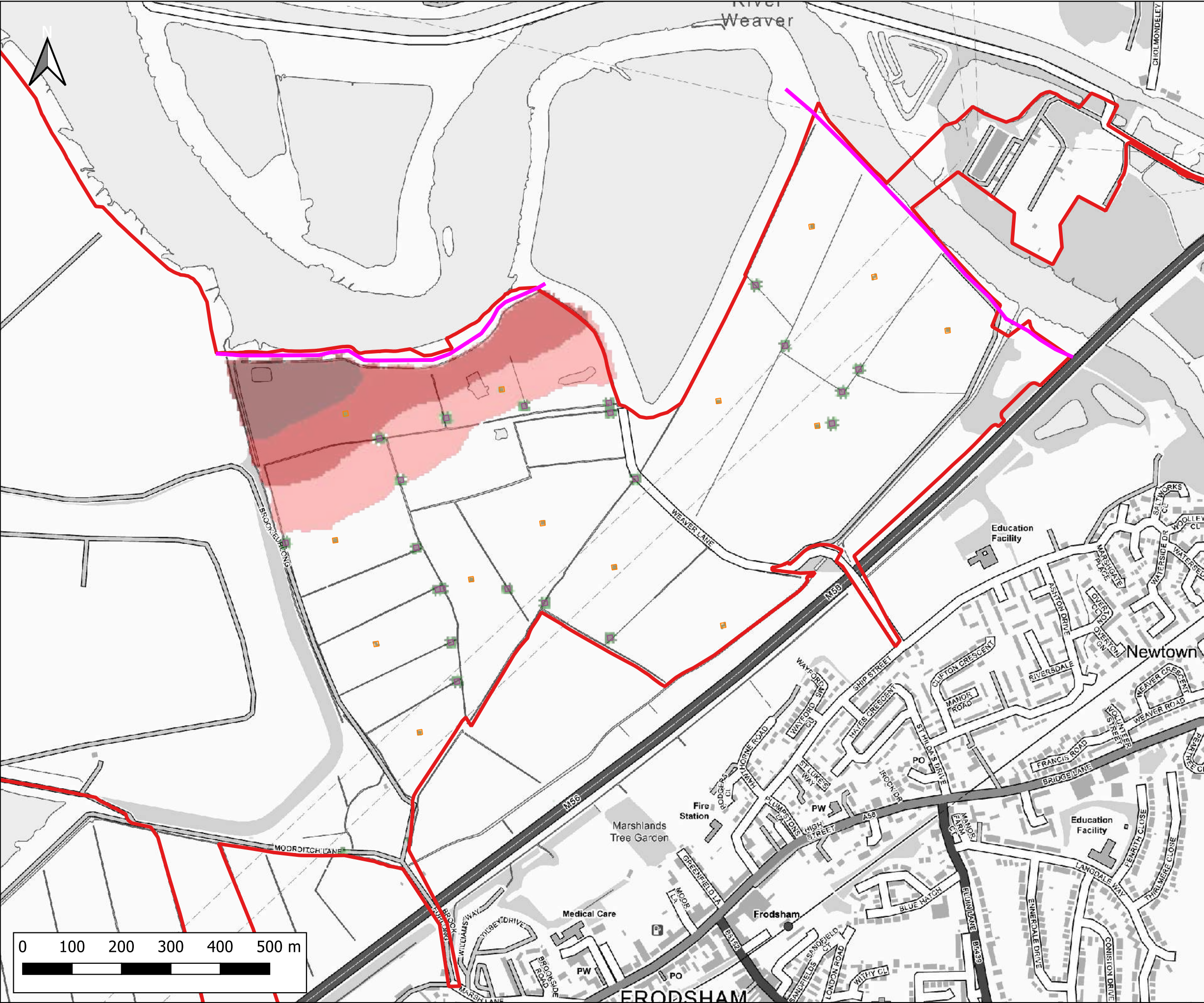
PLOT TITLE:  
River Mersey Maximum Flood Depth  
0.5% AEP Tidal Event  
2075 Upper End  
Breach 1 Proposed Development Scenario (DEV)

PLOT STATUS: FINAL DATE: 20-10-2025

DRAWN: MH CHECKED: AP APPROVED: LS PLOT SCALE AT A3: 1:7500

PLOT NAME: 14740\_MERS\_T200HC\_2075UE\_DEV3\_BR1\_020\_d\_Max REVISION: -





Notes:  
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**LEGEND**

- Site Boundary
- River Weaver Flood Defences
- Proposed Volume Displacement
- Proposed Crossings

Maximum Flood Depth Difference

- > -100mm
- 50mm to -100mm
- 20mm to -50mm
- No Change (+/- 20mm)
- +20mm to +50mm
- +50mm to +100mm
- > +100mm

CLIENT:

Frodsham Solar Ltd

www.waterco.co.uk

SCHEME:

Frodsham Solar

PLOT TITLE:

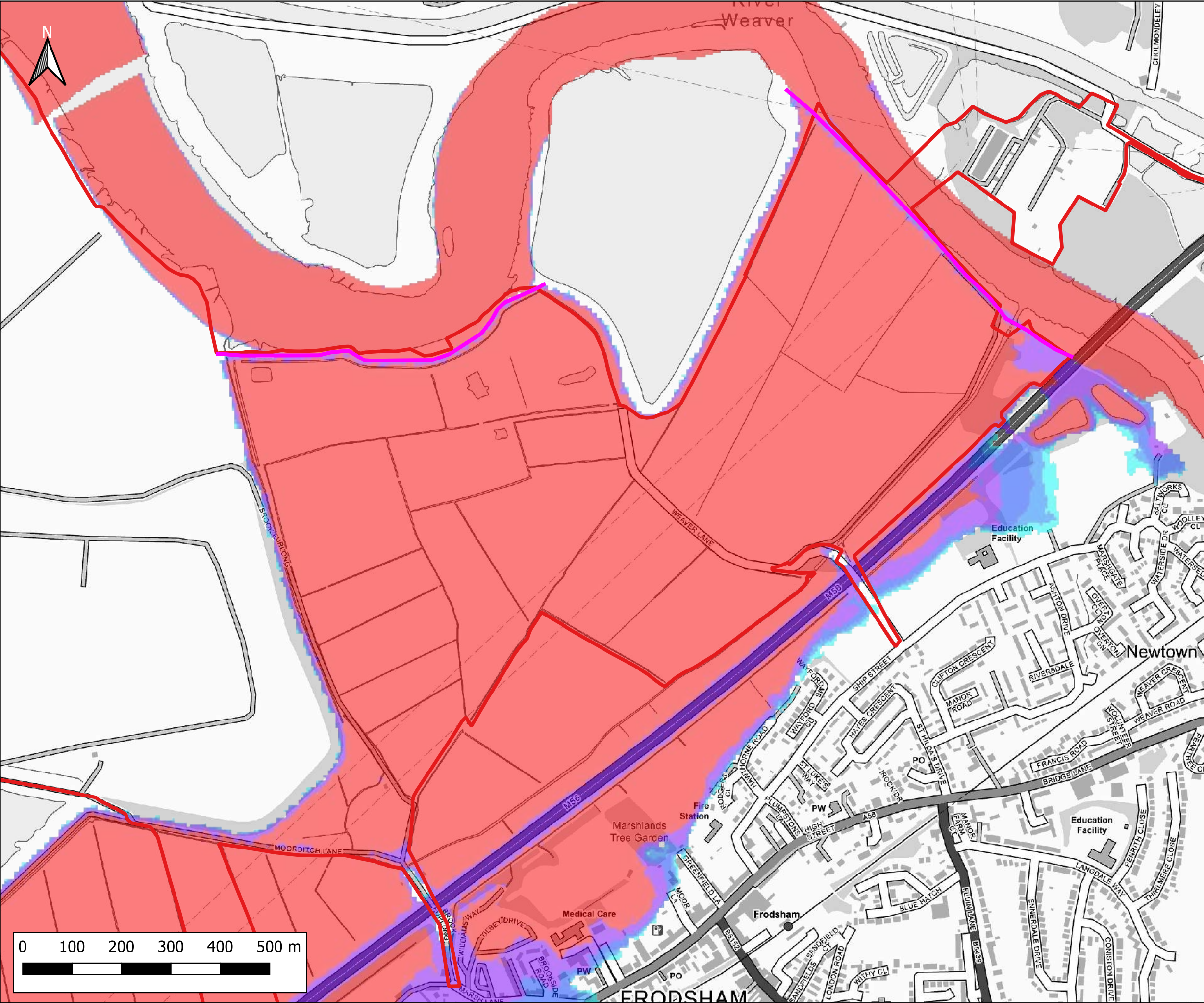
River Mersey Maximum Flood Depth Difference  
0.5% AEP Tidal Event  
2075 Upper End  
Breach 1 DEV - EXG

PLOT STATUS:		DATE:	
FINAL		20-10-2025	

DRAWN:	CHECKED:	APPROVED:	PLOT SCALE AT A3:
MH	AP	LS	1:7500

PLOT NAME:	REVISION:
14740_MERS_T200HC_2075UE_DEV3-EXG_BR1_020_d-Diff	-





Notes:  
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

**LEGEND**

Site Boundary

River Weaver Flood Defences

Maximum Flood Depth

- < 0.3m
- 0.3m - 0.6m
- 0.6m - 1.2m
- 1.2m - 2.4m
- > 2.4m

CLIENT:

Frodsham Solar Ltd

**waterco**

www.waterco.co.uk

SCHEME:

Frodsham Solar

PLOT TITLE:

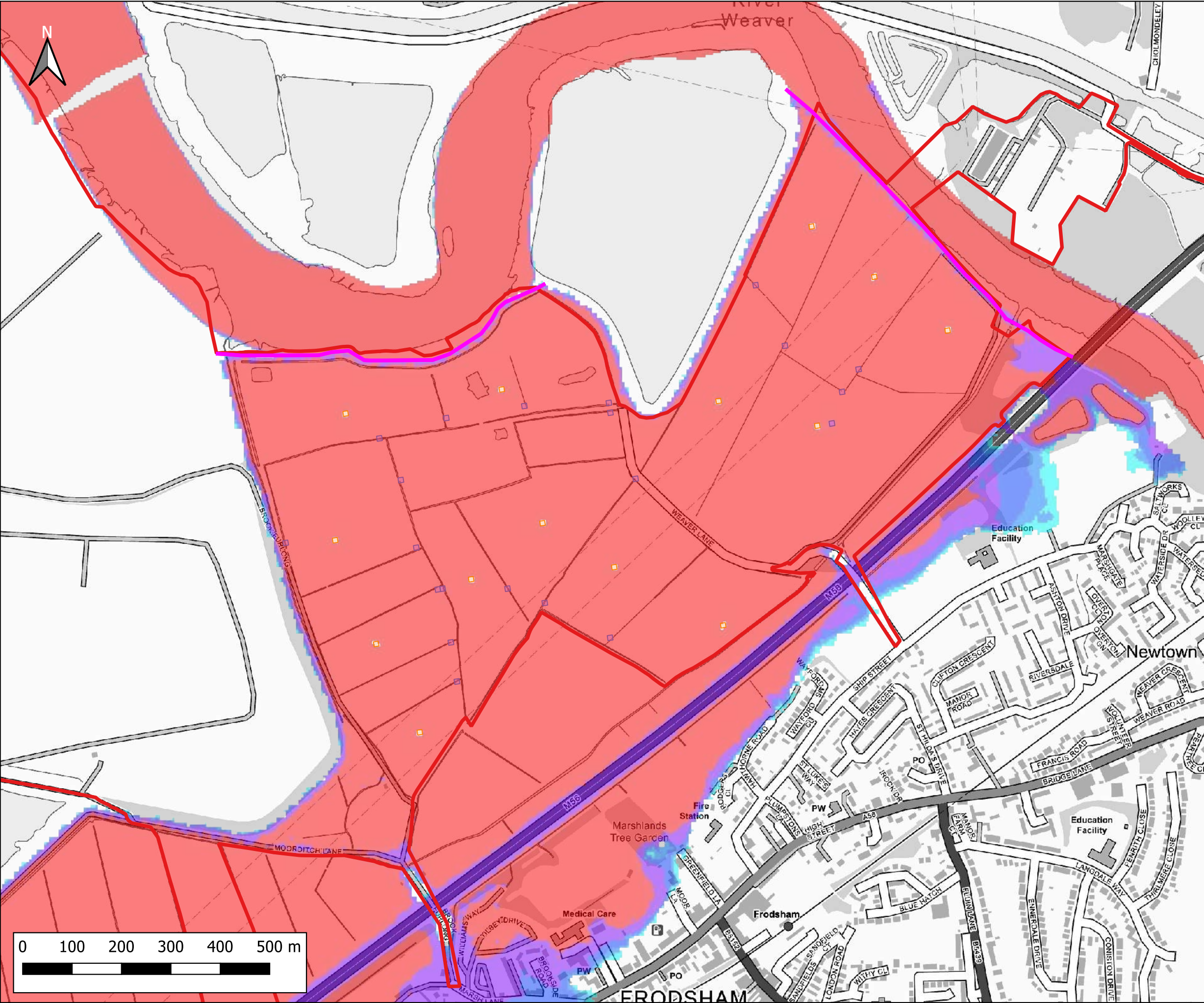
River Mersey Maximum Flood Depth  
0.5% AEP Tidal Event  
H++  
Breach 1 Existing Scenario (EXG)

PLOT STATUS:		DATE:	
FINAL		20-10-2025	

DRAWN:	CHECKED:	APPROVED:	PLOT SCALE AT A3:
MH	AP	LS	1:7500

PLOT NAME:	REVISION:
14740_MERS_T200HC_2100H++_EXG_BR1_020_d_Max	-





Notes:  
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

**LEGEND**

- Site Boundary
- River Weaver Flood Defences
- Proposed Volume Displacement
- Proposed Crossings

Maximum Flood Depth

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- 1.2m - 2.4m
- > 2.4m

CLIENT:

Frodsham Solar Ltd

www.waterco.co.uk

SCHEME:

Frodsham Solar

PLOT TITLE:

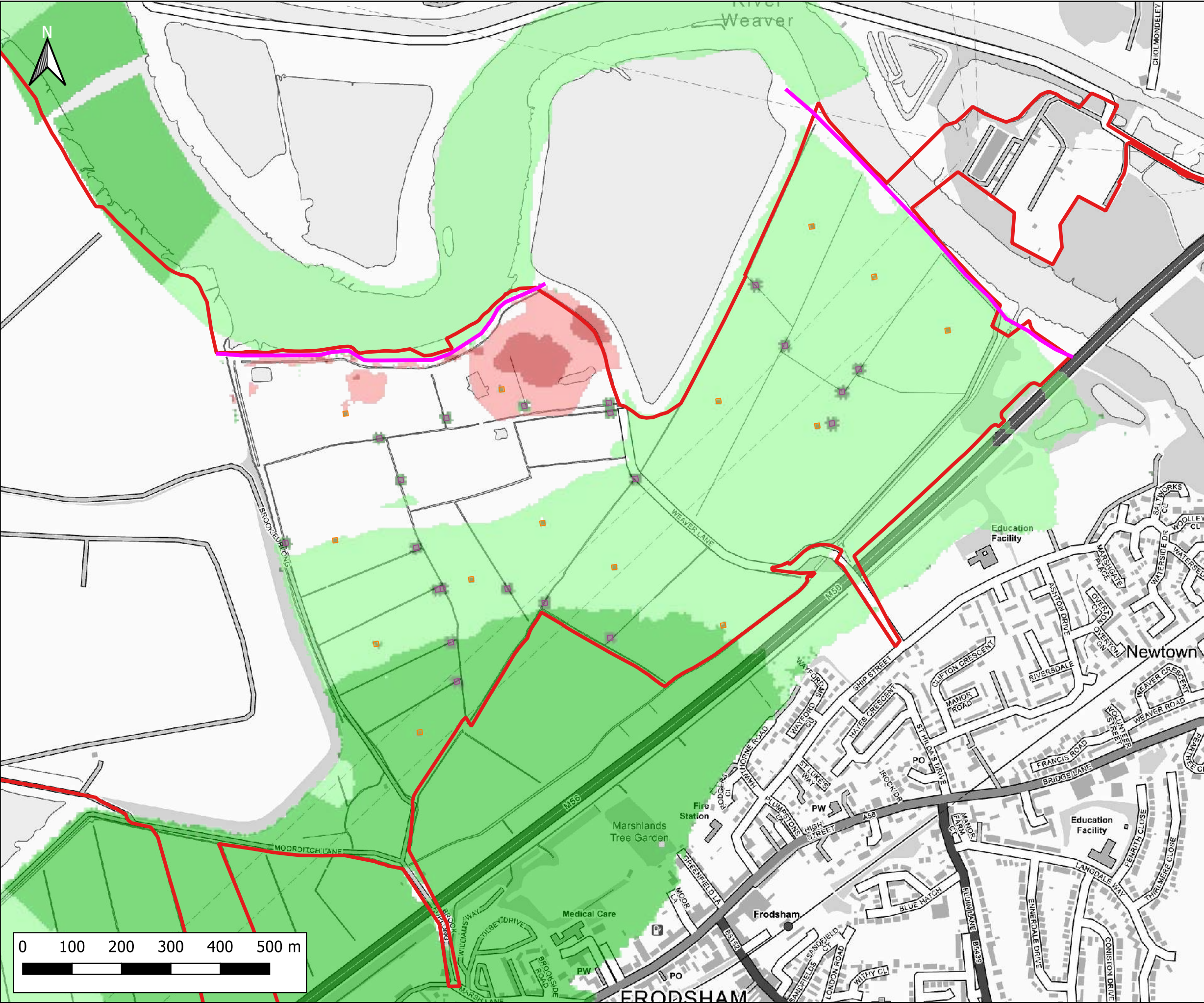
River Mersey Maximum Flood Depth  
0.5% AEP Tidal Event  
H++  
Breach 1 Proposed Development Scenario (DEV)

PLOT STATUS:		DATE:	
FINAL		20-10-2025	

DRAWN:	CHECKED:	APPROVED:	PLOT SCALE AT A3:
MH	AP	LS	1:7500

PLOT NAME:	REVISION:
14740_MERS_T200HC_2100H++_DEV3_BR1_020_d_Max	-





Notes:  
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

**LEGEND**

- Site Boundary
- River Weaver Flood Defences
- Proposed Volume Displacement
- Proposed Crossings

Maximum Flood Depth Difference

- > -100mm
- 50mm to -100mm
- 20mm to -50mm
- No Change (+/- 20mm)
- +20mm to +50mm
- +50mm to +100mm
- > +100mm

Weston

East

FRODSHAM

CLIENT:

Frodsham Solar Ltd

**waterco**  
www.waterco.co.uk

SCHEME:

Frodsham Solar

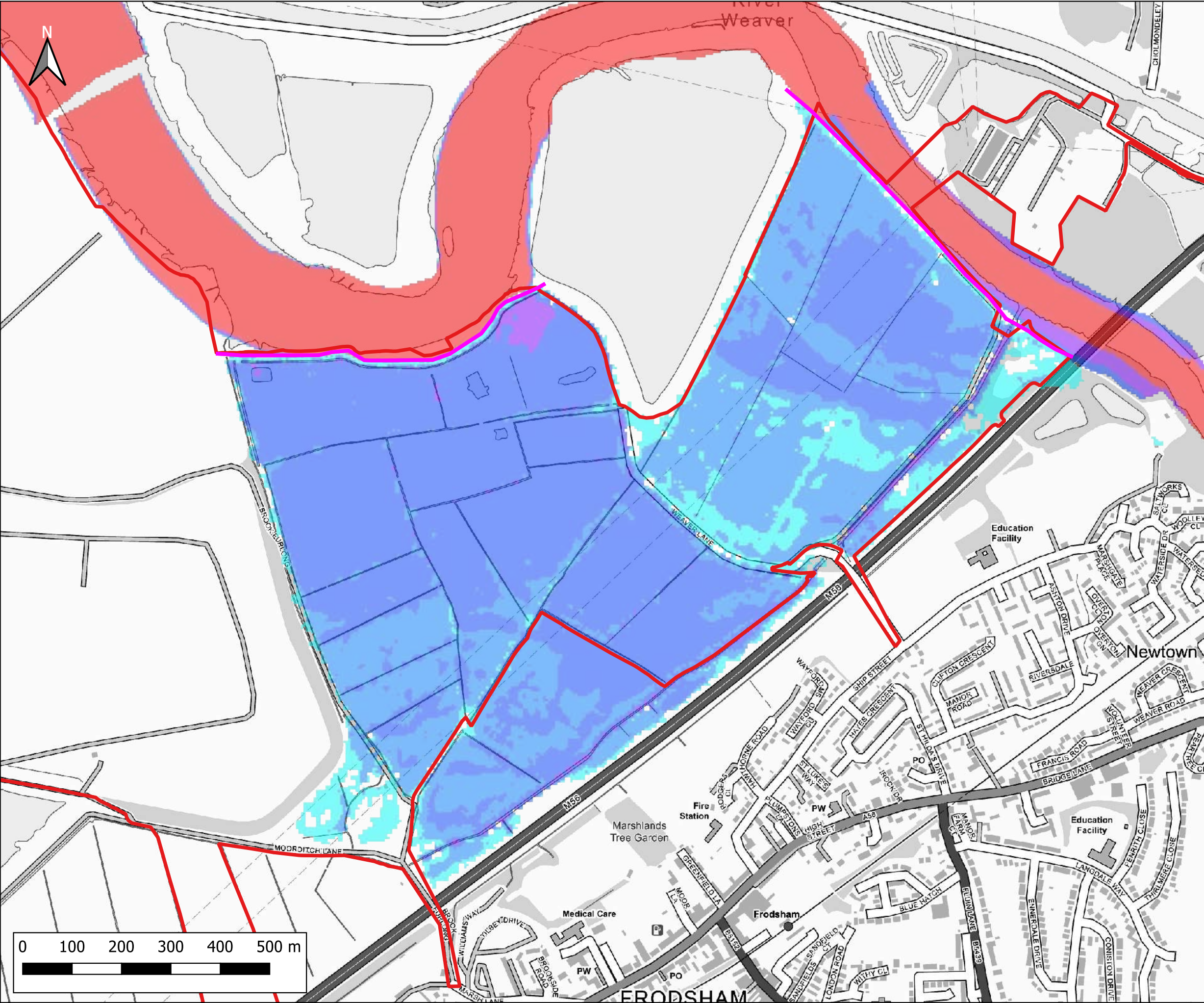
PLOT TITLE:  
River Mersey Maximum Flood Depth Difference  
0.5% AEP Tidal Event  
H++  
Breach 1 DEV - EXG

PLOT STATUS: FINAL DATE: 20-10-2025

DRAWN: MH CHECKED: AP APPROVED: LS PLOT SCALE AT A3: 1:7500

PLOT NAME: 14740\_MERS\_T200HC\_2100H++\_DEV3-EXG\_BR1\_020\_d-Diff REVISION: -





Notes:  
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

**LEGEND**

- Site Boundary
- River Weaver Flood Defences

Maximum Flood Depth

- < 0.3m
- 0.3m - 0.6m
- 0.6m - 1.2m
- 1.2m - 2.4m
- > 2.4m

Weston  
3  
12  
River Weaver  
East  
FRODSHAM

CLIENT:

Frodsham Solar Ltd

**waterco**  
www.waterco.co.uk

SCHEME:

Frodsham Solar

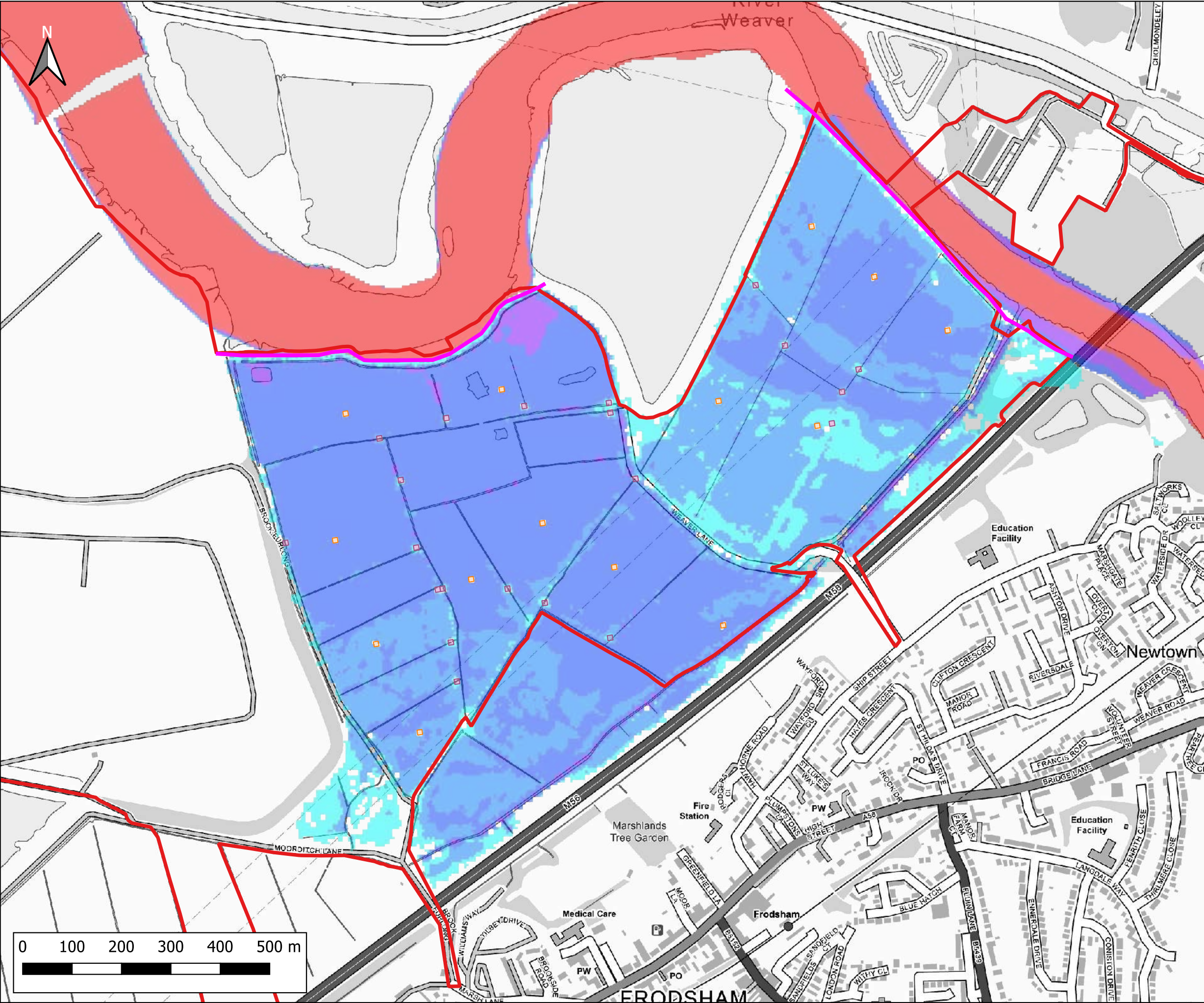
PLOT TITLE:  
River Mersey Maximum Flood Depth  
0.1% AEP Tidal Event  
2024 Higher Central  
Breach 1 Existing Scenario (EXG)

PLOT STATUS: FINAL DATE: 20-10-2025

DRAWN: MH CHECKED: AP APPROVED: LS PLOT SCALE AT A3: 1:7500

PLOT NAME: 14740\_MERS\_T1000HC\_2024HC\_EXG\_BR1\_020\_d\_Max REVISION: -





Notes:  
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

**LEGEND**

- Site Boundary
- River Weaver Flood Defences
- Proposed Volume Displacement
- Proposed Crossings

Maximum Flood Depth

- < 0.3m
- 0.3m - 0.6m
- 0.6m - 1.2m
- 1.2m - 2.4m
- > 2.4m

Client:

Frodsham Solar Ltd

Scheme:

Frodsham Solar

Plot Title:

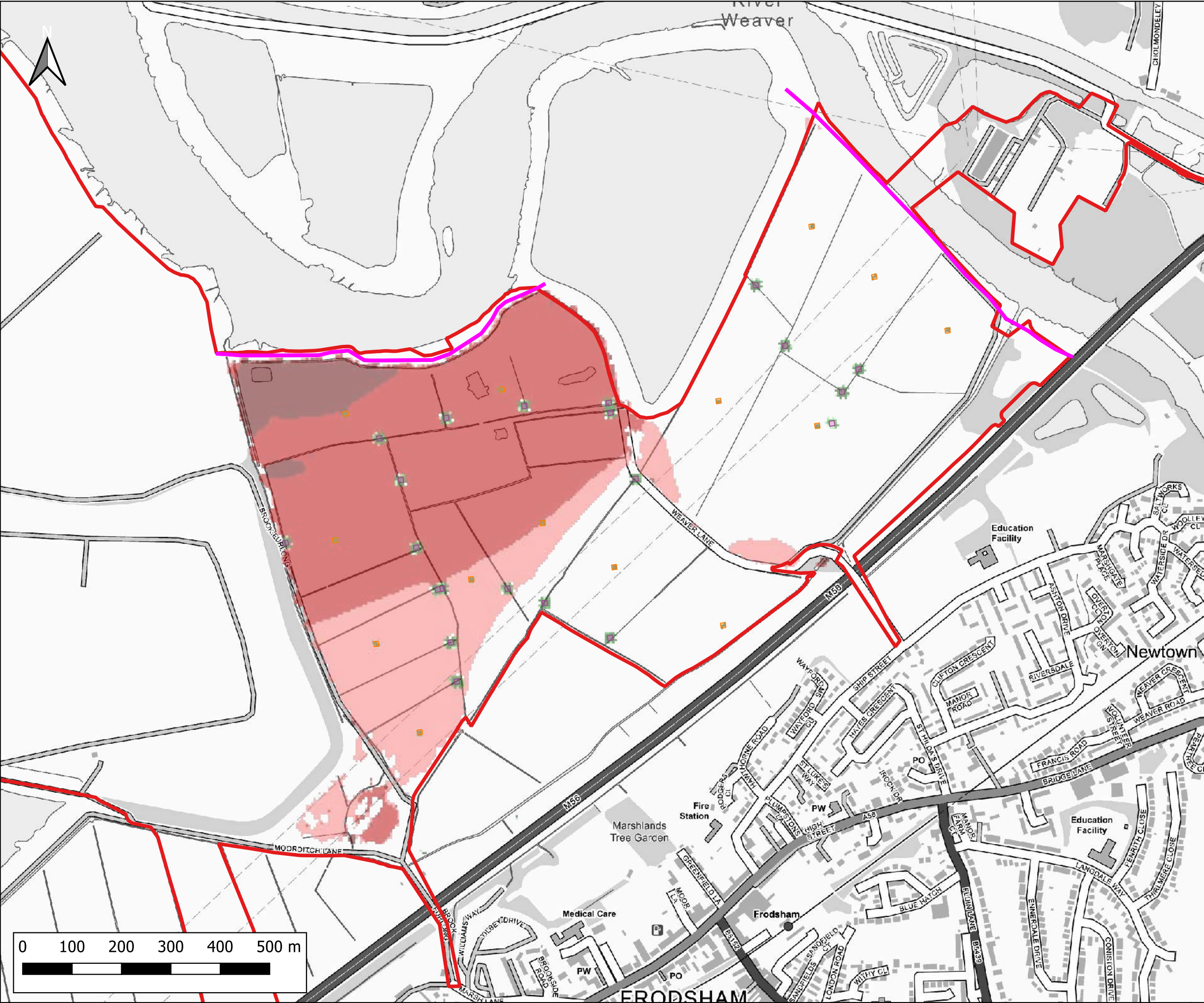
River Mersey Maximum Flood Depth  
0.1% AEP Tidal Event  
2024 Higher Central  
Breach 1 Proposed Development Scenario (DEV)

Plot Status:		Date:	
FINAL		20-10-2025	

Drawn:	Checked:	Approved:	Plot Scale at A3:
MH	AP	LS	1:7500

Plot Name:	Revision:
14740_MERS_T1000HC_2024HC_DEV3_BR1_020_d_Max	-





Notes:  
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

**LEGEND**

- Site Boundary
- River Weaver Flood Defences
- Proposed Volume Displacement
- Proposed Crossings

Maximum Flood Depth Difference

- > -100mm
- 50mm to -100mm
- 20mm to -50mm
- No Change (+/- 20mm)
- +20mm to +50mm
- +50mm to +100mm
- > +100mm

Weston

East

FRODSHAM

CLIENT:

Frodsham Solar Ltd

**waterco**  
www.waterco.co.uk

SCHEME:

Frodsham Solar

PLOT TITLE:  
River Mersey Maximum Flood Depth Difference  
0.1% AEP Tidal Event  
2024 Higher Central  
Breach 1 DEV - EXG

PLOT STATUS: FINAL

DATE: 20-10-2025

DRAWN: MH

CHECKED: AP

APPROVED: LS

PLOT SCALE AT A3: 1:7500

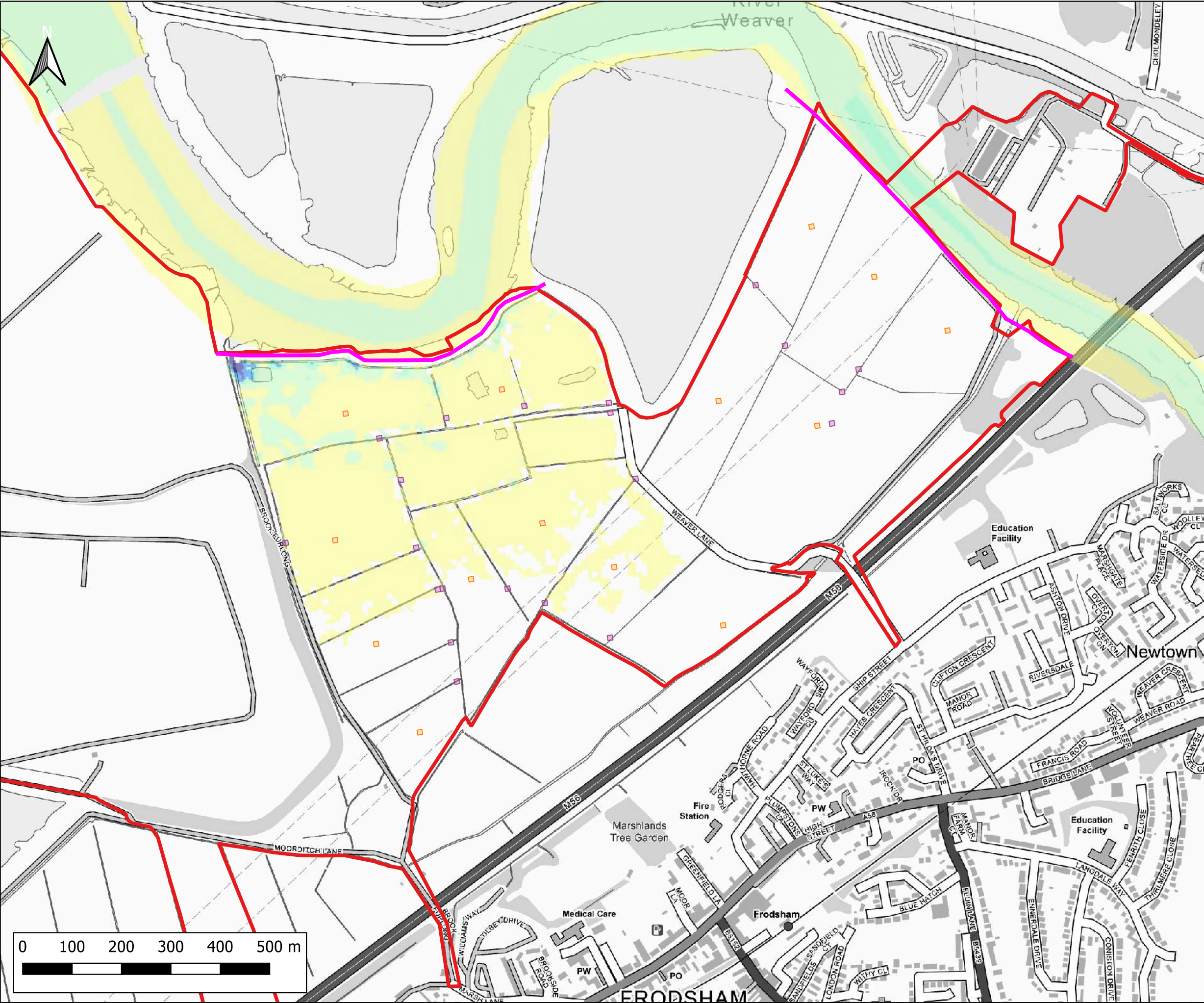
PLOT NAME: 14740\_MERS\_T1000HC\_2024HC\_DEV3-EXG\_BR1\_020\_d-Diff

REVISION: -









Notes:  
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

**LEGEND**

- Site Boundary
- River Weaver Flood Defences
- Proposed Volume Displacement
- Proposed Crossings

Maximum Flood Velocity (m/s)

- 0.0 - 0.3
- 0.3 - 0.6
- 0.6 - 0.9
- 0.9 - 1.2
- > 1.2

Weston  
3  
12  
River Weaver  
East  
FRODSHAM

CLIENT:  
**Frodsham Solar Ltd**

**waterco**  
www.waterco.co.uk

SCHEME:  
**Frodsham Solar**

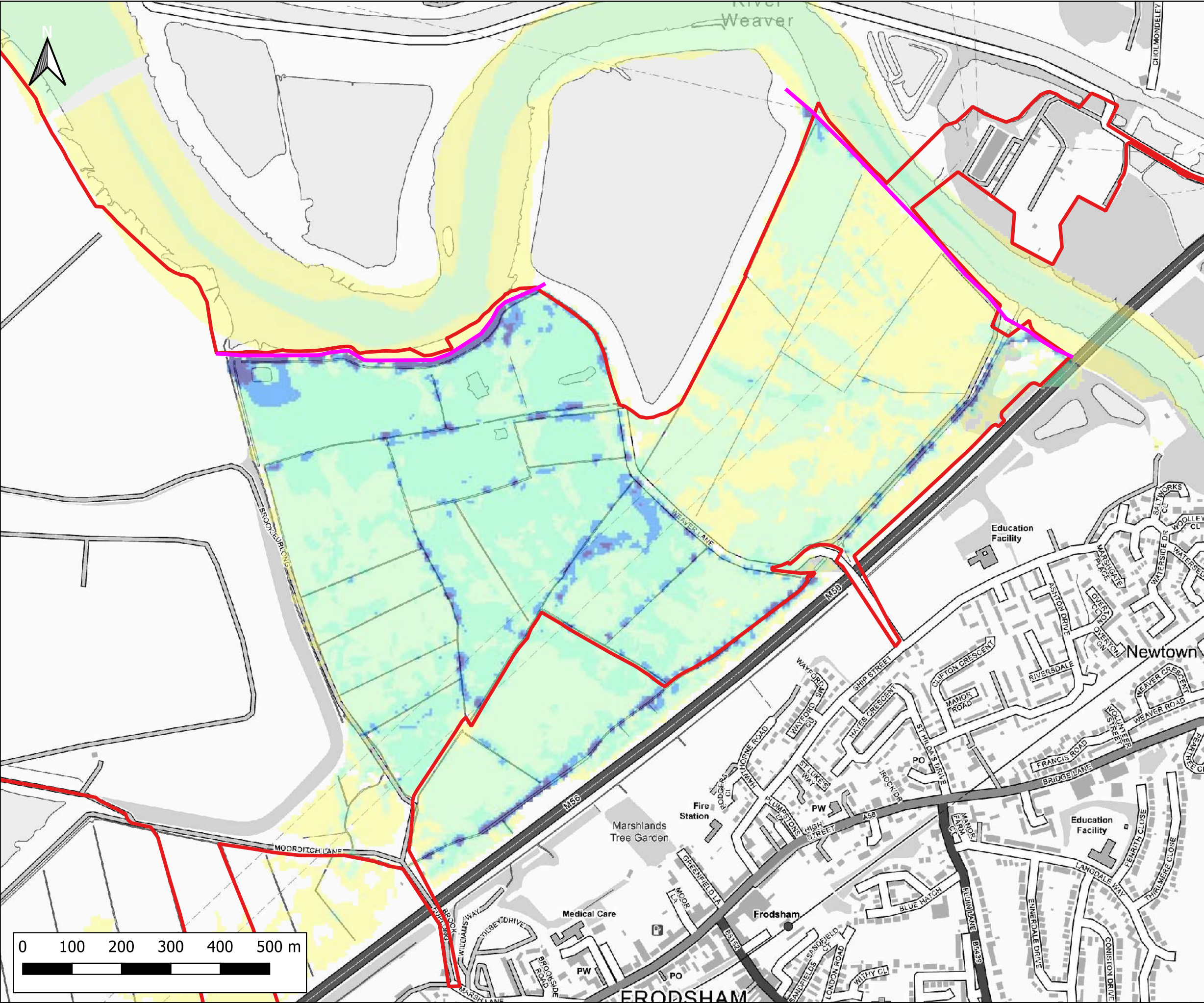
PLOT TITLE:  
River Mersey Maximum Flood Velocity  
0.5% AEP Tidal Event  
2024 Higher Central  
Defended Proposed Development Scenario (DEV)

PLOT STATUS: FINAL DATE: 20-10-2025

DRAWN: MH CHECKED: AP APPROVED: LS PLOT SCALE AT A3: 1:7500

PLOT NAME: 14740\_MERS\_T200HC\_2024HC\_DEV3\_DEF\_020\_V\_Max REVISION: -





Notes:  
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

**LEGEND**

Site Boundary

River Weaver Flood Defences

Maximum Flood Velocity (m/s)

- 0.0 - 0.3
- 0.3 - 0.6
- 0.6 - 0.9
- 0.9 - 1.2
- > 1.2

CLIENT:

Frodsham Solar Ltd

www.waterco.co.uk

SCHEME:

Frodsham Solar

PLOT TITLE:

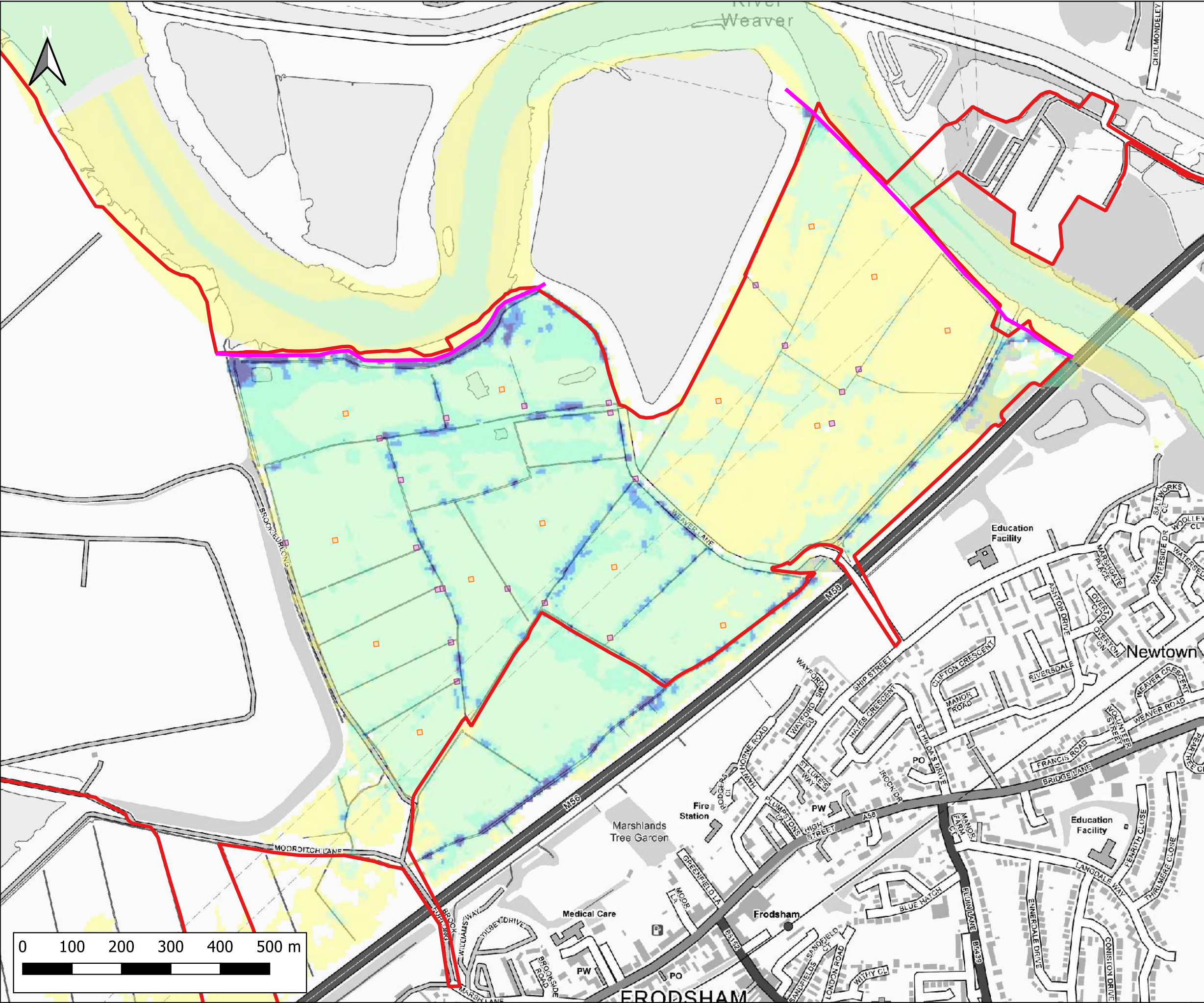
River Mersey Maximum Flood Velocity  
0.5% AEP Tidal Event  
2075 Higher Central  
Defended Existing Scenario (EXG)

PLOT STATUS:		DATE:	
FINAL		20-10-2025	

DRAWN:	CHECKED:	APPROVED:	PLOT SCALE AT A3:
MH	AP	LS	1:7500

PLOT NAME:	REVISION:
14740_MERS_T200HC_2075HC_EXG_DEF_020_V_Max	-





Notes:  
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

**LEGEND**

- Site Boundary
- River Weaver Flood Defences
- Proposed Volume Displacement
- Proposed Crossings

Maximum Flood Velocity (m/s)

- 0.0 - 0.3
- 0.3 - 0.6
- 0.6 - 0.9
- 0.9 - 1.2
- > 1.2

CLIENT:

Frodsham Solar Ltd

www.waterco.co.uk

SCHEME:

Frodsham Solar

PLOT TITLE:

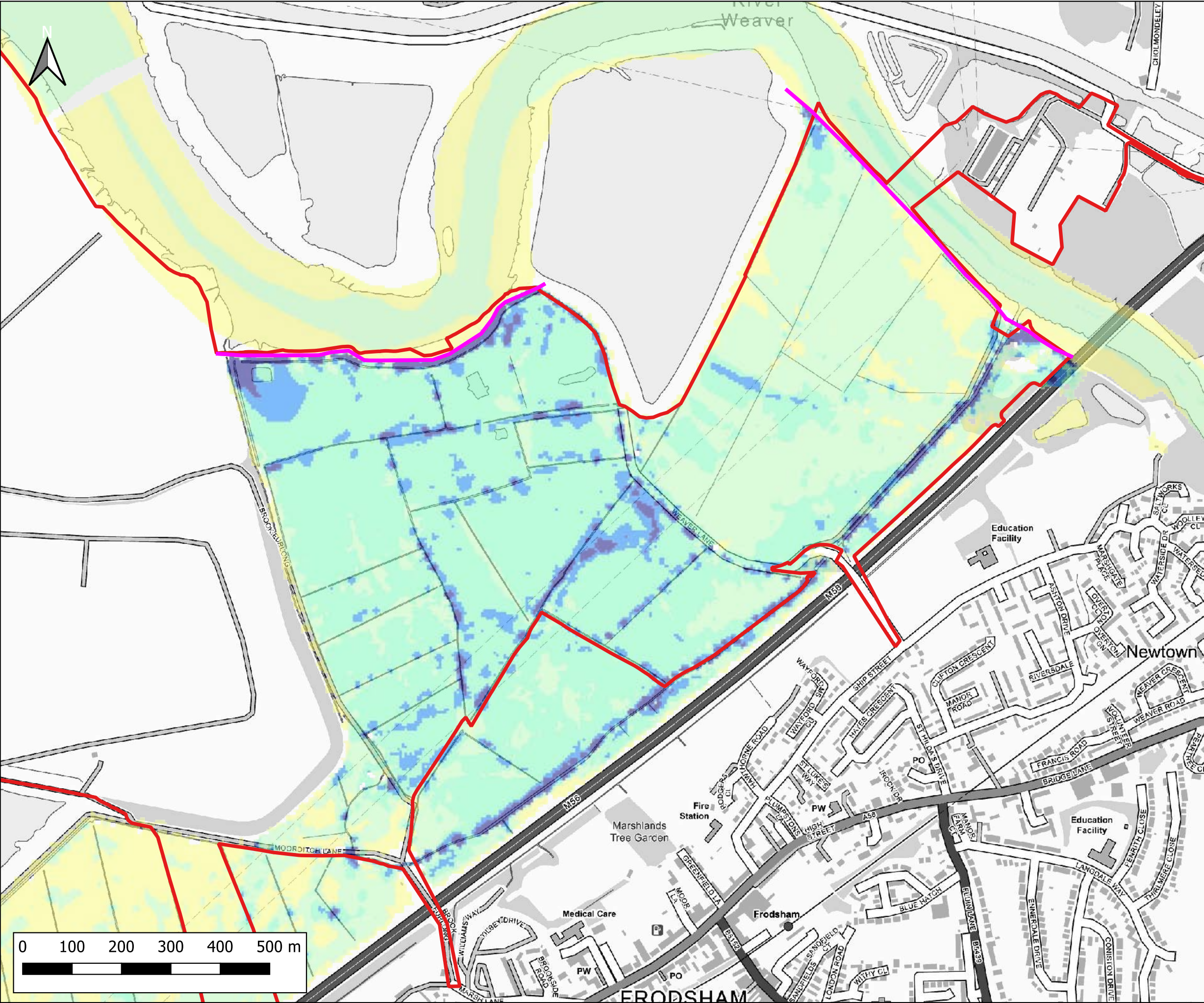
River Mersey Maximum Flood Velocity  
0.5% AEP Tidal Event  
2075 Higher Central  
Defended Proposed Development Scenario (DEV)

PLOT STATUS:			DATE:
FINAL			20-10-2025

DRAWN:	CHECKED:	APPROVED:	PLOT SCALE AT A3:
MH	AP	LS	1:7500

PLOT NAME:	REVISION:
14740_MERS_T200HC_2075HC_DEV3_DEF_020_V_Max	-





Notes:  
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

**LEGEND**

Site Boundary

River Weaver Flood Defences

Maximum Flood Velocity (m/s)

- 0.0 - 0.3
- 0.3 - 0.6
- 0.6 - 0.9
- 0.9 - 1.2
- > 1.2

CLIENT:

Frodsham Solar Ltd

www.waterco.co.uk

SCHEME:

Frodsham Solar

PLOT TITLE:

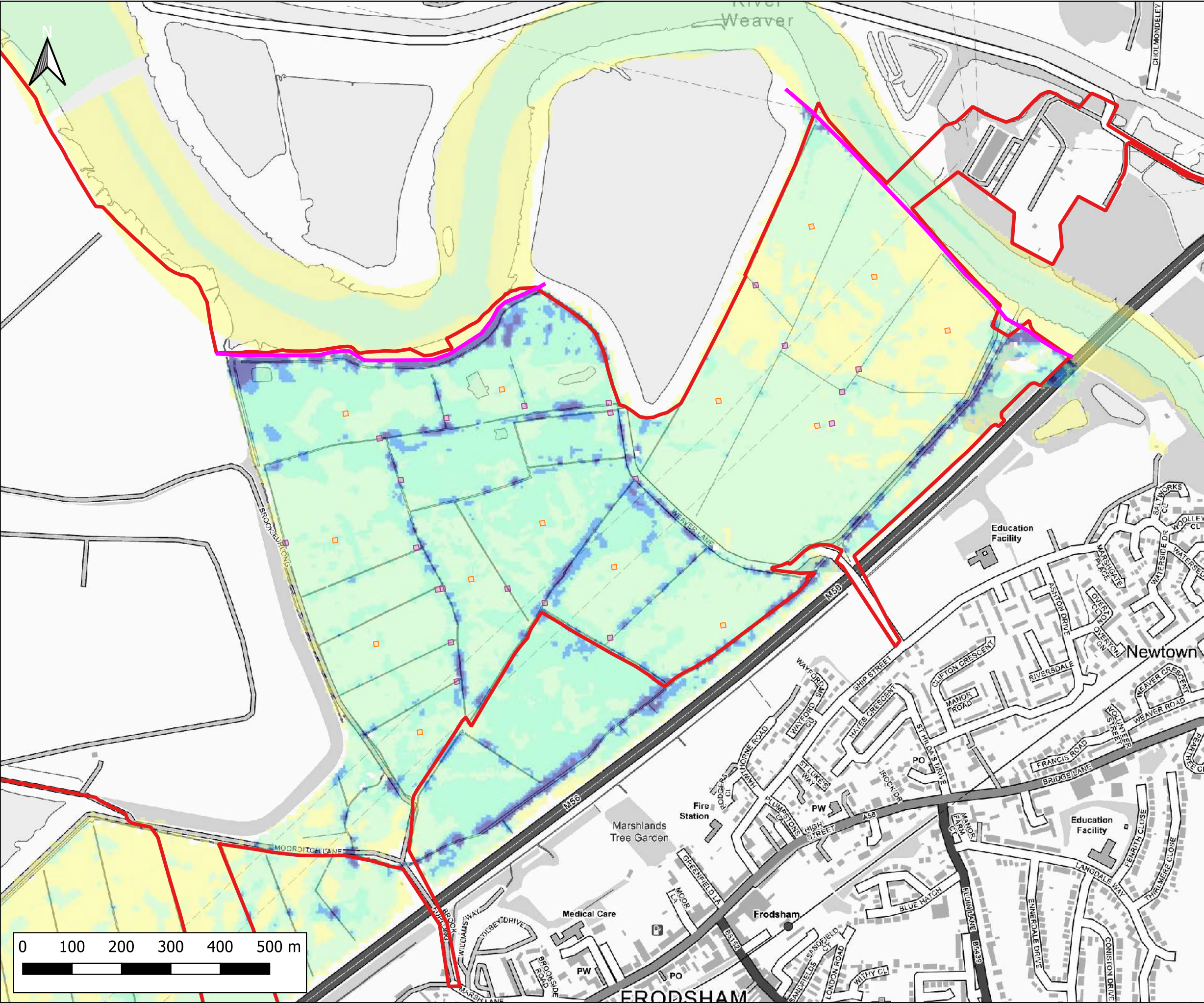
River Mersey Maximum Flood Velocity  
0.5% AEP Tidal Event  
2075 Upper End  
Defended Existing Scenario (EXG)

PLOT STATUS:		DATE:	
FINAL		20-10-2025	

DRAWN:	CHECKED:	APPROVED:	PLOT SCALE AT A3:
MH	AP	LS	1:7500

PLOT NAME:	REVISION:
14740_MERS_T200HC_2075UE_EXG_DEF_020_V_Max	-





Notes:  
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

**LEGEND**

- Site Boundary
- River Weaver Flood Defences
- Proposed Volume Displacement
- Proposed Crossings

Maximum Flood Velocity (m/s)

- 0.0 - 0.3
- 0.3 - 0.6
- 0.6 - 0.9
- 0.9 - 1.2
- > 1.2

CLIENT:

Frodsham Solar Ltd

www.waterco.co.uk

SCHEME:

Frodsham Solar

PLOT TITLE:

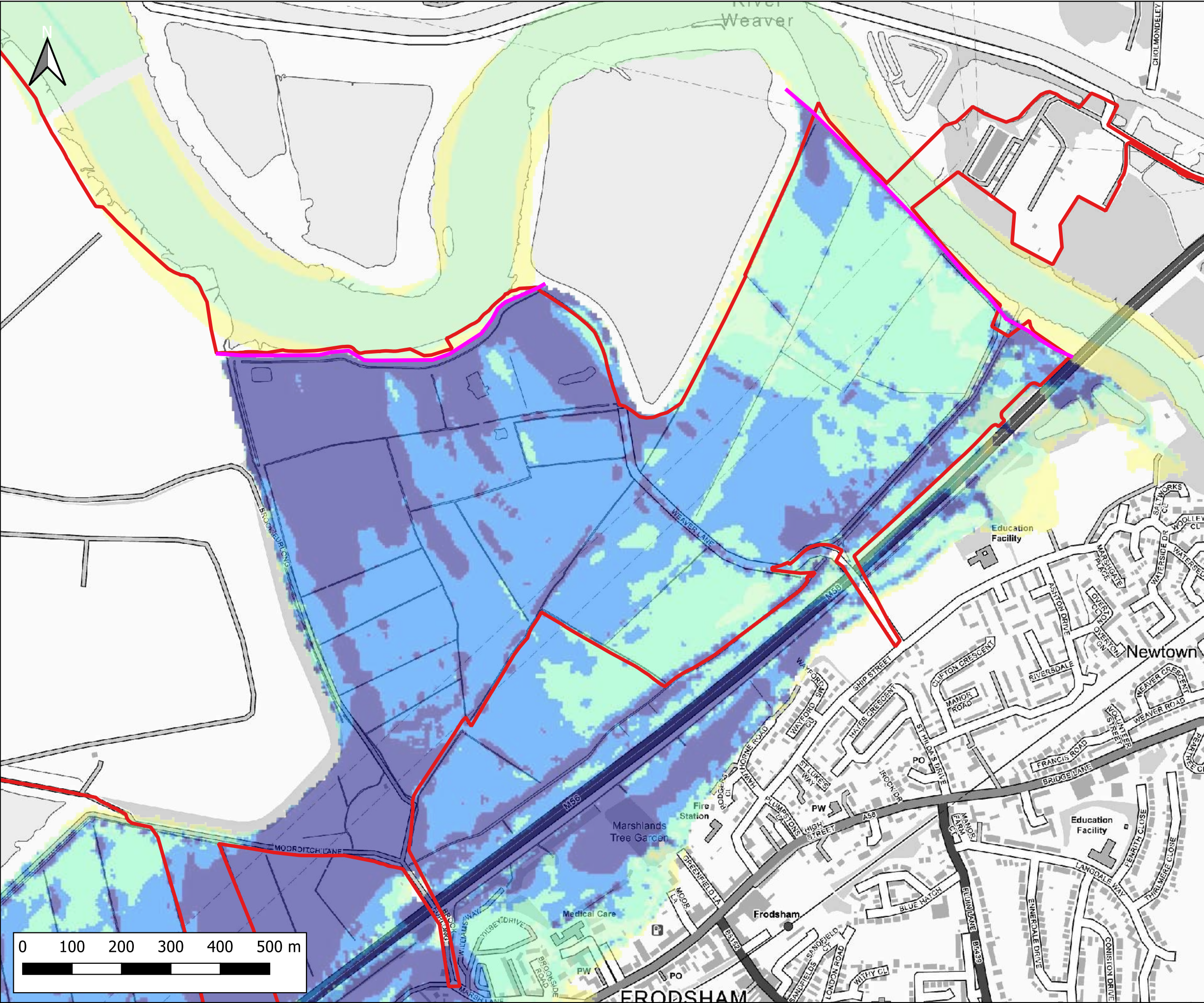
River Mersey Maximum Flood Velocity  
0.5% AEP Tidal Event  
2075 Upper End  
Defended Proposed Development Scenario (DEV)

PLOT STATUS:		DATE:	
FINAL		20-10-2025	

DRAWN:	CHECKED:	APPROVED:	PLOT SCALE AT A3:
MH	AP	LS	1:7500

PLOT NAME:	REVISION:
14740_MERS_T200HC_2075UE_DEV3_DEF_020_V_Max	-





Notes:  
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

**LEGEND**

Site Boundary

River Weaver Flood Defences

Maximum Flood Velocity (m/s)

- 0.0 - 0.3
- 0.3 - 0.6
- 0.6 - 0.9
- 0.9 - 1.2
- > 1.2

CLIENT:

Frodsham Solar Ltd

www.waterco.co.uk

SCHEME:

Frodsham Solar

PLOT TITLE:

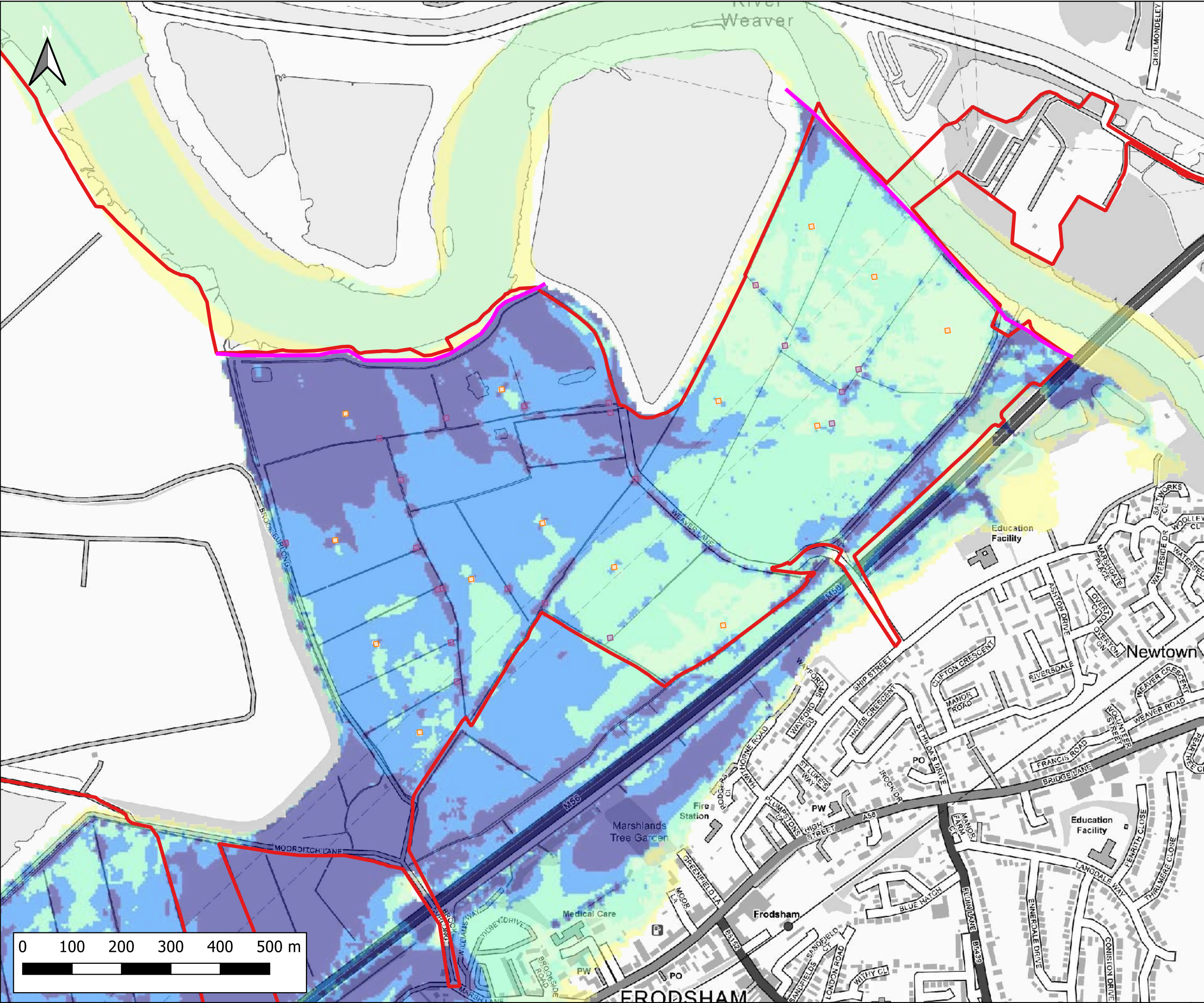
River Mersey Maximum Flood Velocity  
0.5% AEP Tidal Event  
H++  
Defended Existing Scenario (EXG)

PLOT STATUS:		FINAL		DATE:	20-10-2025
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DRAWN:	CHKD:	APPROVED:	PLOT SCALE AT A3:	
MH	AP	LS	1:7500	

PLOT NAME:	REVISION:
14740_MERS_T200HC_2100H++_EXG_DEF_020_V_Max	-





Notes:  
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

**LEGEND**

- Site Boundary
- River Weaver Flood Defences
- Proposed Volume Displacement
- Proposed Crossings

Maximum Flood Velocity (m/s)

- 0.0 - 0.3
- 0.3 - 0.6
- 0.6 - 0.9
- 0.9 - 1.2
- > 1.2

CLIENT:

Frodsham Solar Ltd

www.waterco.co.uk

SCHEME:

Frodsham Solar

PLOT TITLE:

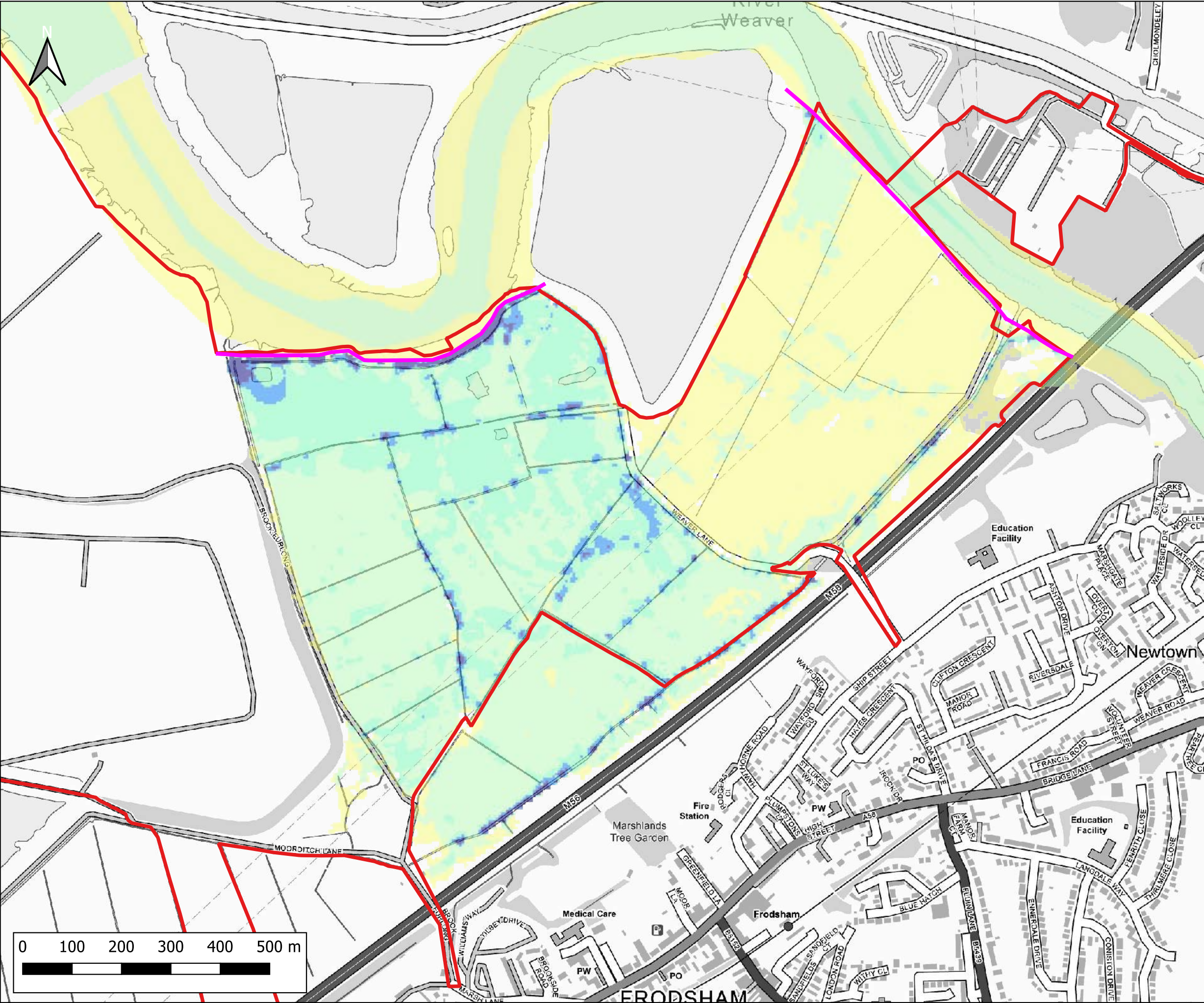
River Mersey Maximum Flood Velocity  
0.5% AEP Tidal Event  
H++  
Defended Proposed Development Scenario (DEV)

PLOT STATUS:		DATE:	
FINAL		20-10-2025	

DRAWN:	CHECKED:	APPROVED:	PLOT SCALE AT A3:
MH	AP	LS	1:7500

PLOT NAME:	REVISION:
14740_MERS_T200HC_2100H++_DEV3_DEF_020_V_Max	-





Notes:  
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

**LEGEND**

Site Boundary

River Weaver Flood Defences

Maximum Flood Velocity (m/s)

- 0.0 - 0.3
- 0.3 - 0.6
- 0.6 - 0.9
- 0.9 - 1.2
- > 1.2

CLIENT:

Frodsham Solar Ltd

www.waterco.co.uk

SCHEME:

Frodsham Solar

PLOT TITLE:

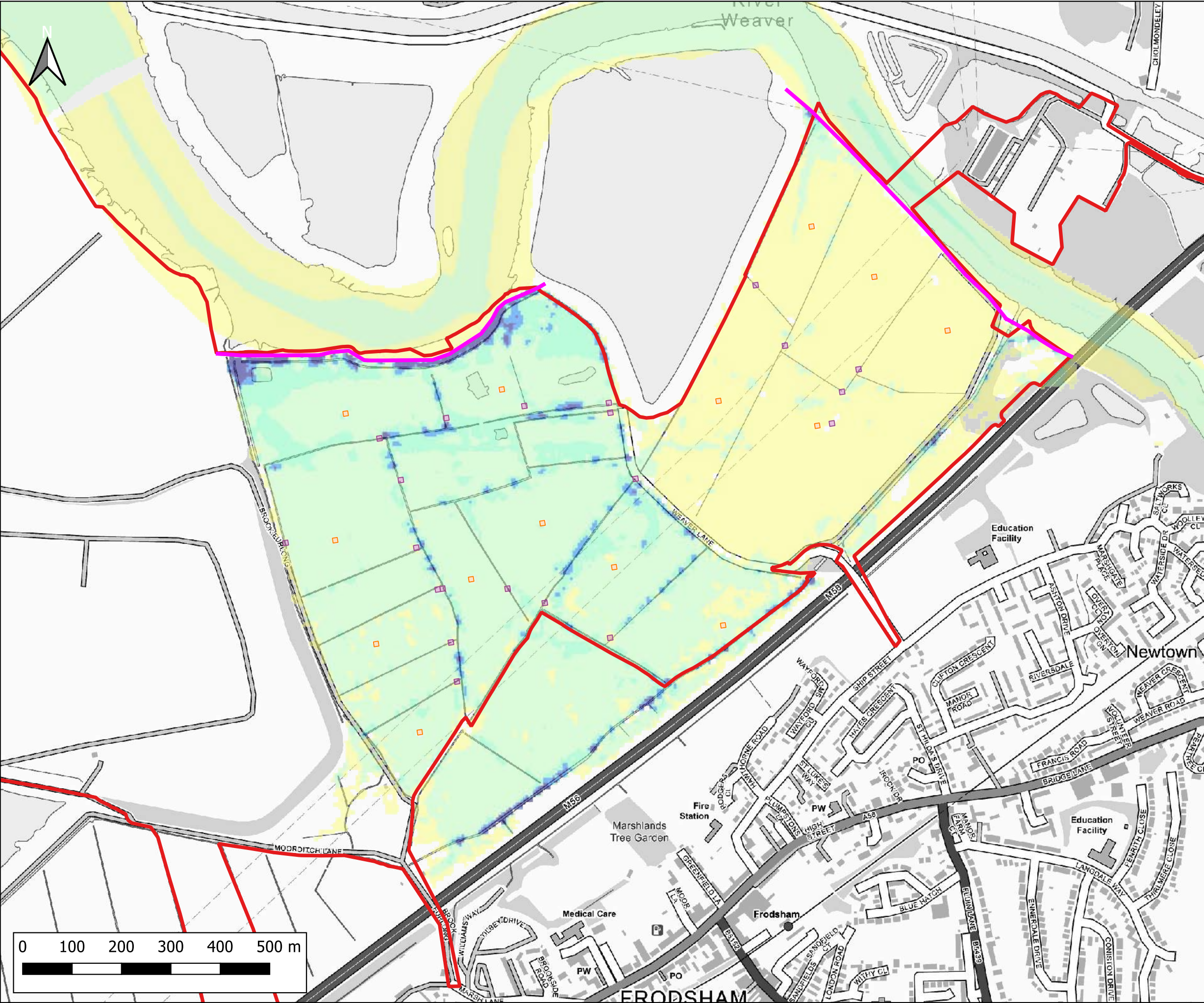
River Mersey Maximum Flood Velocity  
0.1% AEP Tidal Event  
2024 Higher Central  
Defended Existing Scenario (EXG)

PLOT STATUS:			DATE:
FINAL			20-10-2025

DRAWN:	CHECKED:	APPROVED:	PLOT SCALE AT A3:
MH	AP	LS	1:7500

PLOT NAME:	REVISION:
14740_MERS_T1000HC_2024HC_EXG_DEF_020_V_Max	-





Notes:  
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

**LEGEND**

- Site Boundary
- River Weaver Flood Defences
- Proposed Volume Displacement
- Proposed Crossings

Maximum Flood Velocity (m/s)

- 0.0 - 0.3
- 0.3 - 0.6
- 0.6 - 0.9
- 0.9 - 1.2
- > 1.2

CLIENT:

Frodsham Solar Ltd

www.waterco.co.uk

SCHEME:

Frodsham Solar

PLOT TITLE:

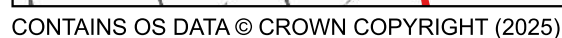
River Mersey Maximum Flood Velocity  
0.1% AEP Tidal Event  
2024 Higher Central  
Defended Proposed Development Scenario (DEV)

PLOT STATUS:			DATE:
FINAL			20-10-2025

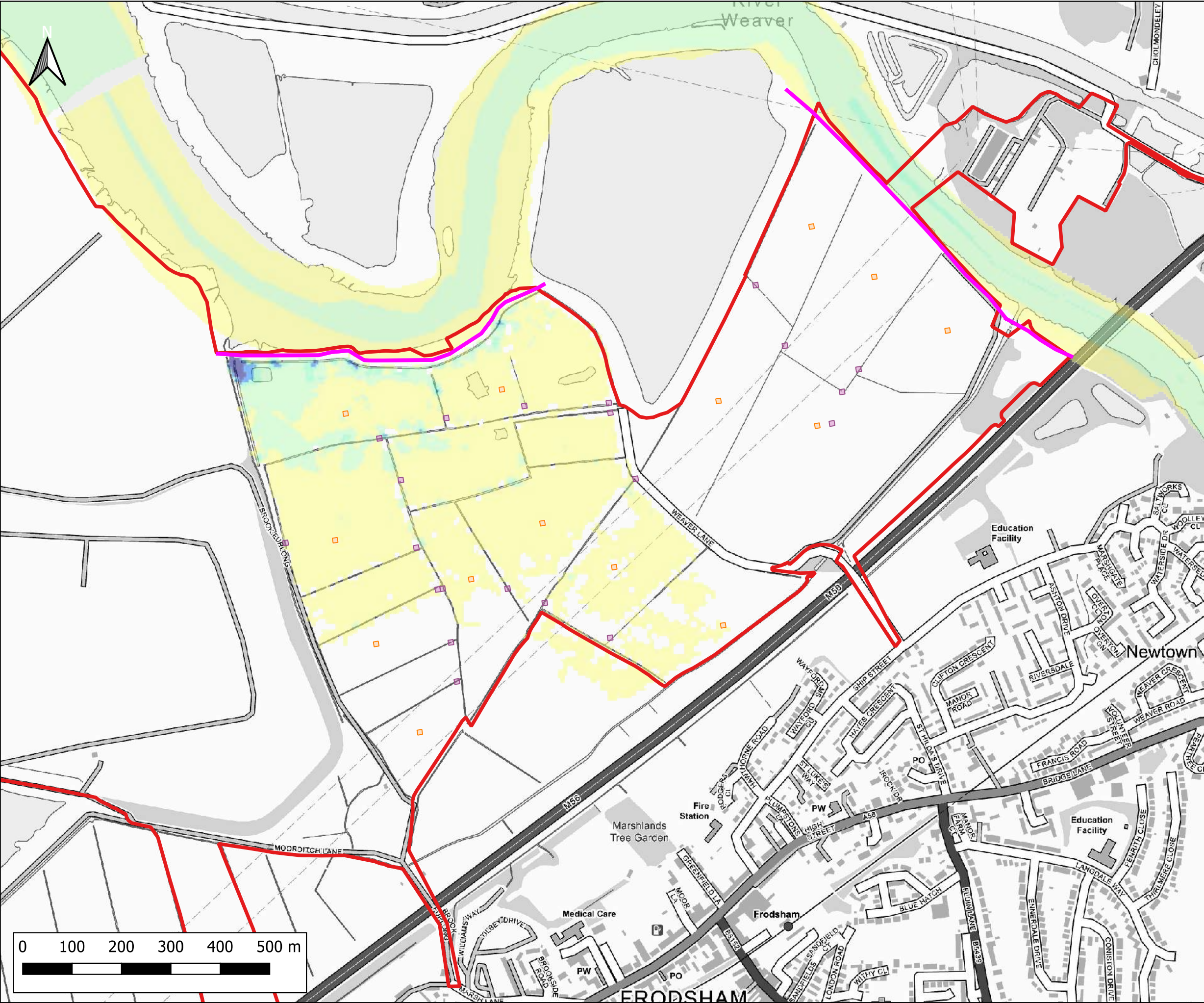
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MH	AP	LS	1:7500

PLOT NAME:	REVISION:
14740_MERS_T1000HC_2024HC_DEV3_DEF_020_V_Max	-









Notes:  
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

**LEGEND**

- Site Boundary
- River Weaver Flood Defences
- Proposed Volume Displacement
- Proposed Crossings

Maximum Flood Velocity (m/s)

- 0.0 - 0.3
- 0.3 - 0.6
- 0.6 - 0.9
- 0.9 - 1.2
- > 1.2

Weston  
3  
12  
River Weaver  
East  
FRODSHAM

CLIENT:

Frodsham Solar Ltd

**waterco**  
www.waterco.co.uk

SCHEME:

Frodsham Solar

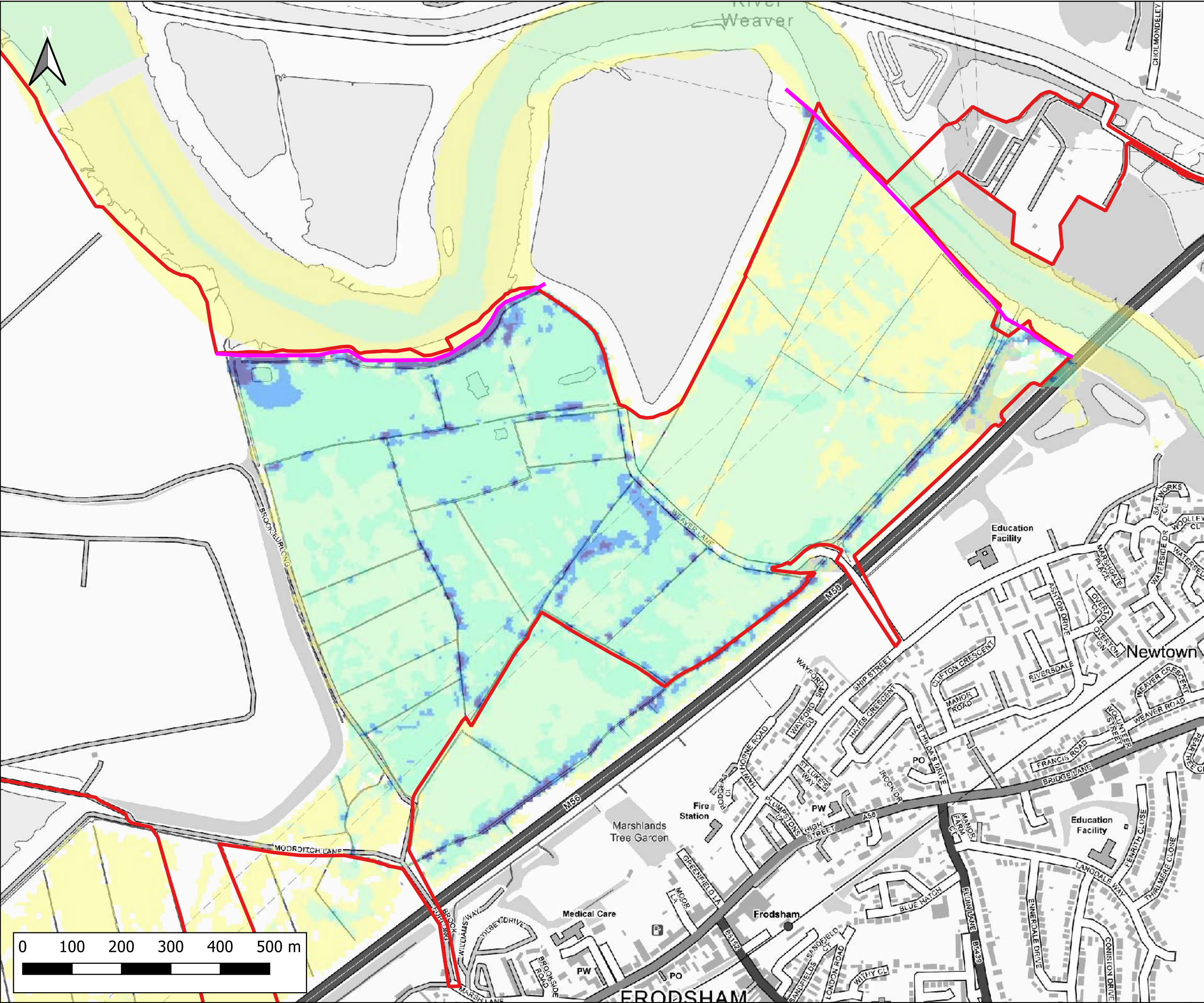
PLOT TITLE:  
River Mersey Maximum Flood Velocity  
0.5% AEP Tidal Event  
2024 Higher Central  
Breach 1 Proposed Development Scenario (DEV)

PLOT STATUS: FINAL DATE: 20-10-2025

DRAWN: MH CHECKED: AP APPROVED: LS PLOT SCALE AT A3: 1:7500

PLOT NAME: 14740\_MERS\_T200HC\_2024HC\_DEV3\_BR1\_020\_V\_Max REVISION: -





Notes:  
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

**LEGEND**

Site Boundary

River Weaver Flood Defences

Maximum Flood Velocity (m/s)

- 0.0 - 0.3
- 0.3 - 0.6
- 0.6 - 0.9
- 0.9 - 1.2
- > 1.2

CLIENT:

Frodsham Solar Ltd

www.waterco.co.uk

SCHEME:

Frodsham Solar

PLOT TITLE:

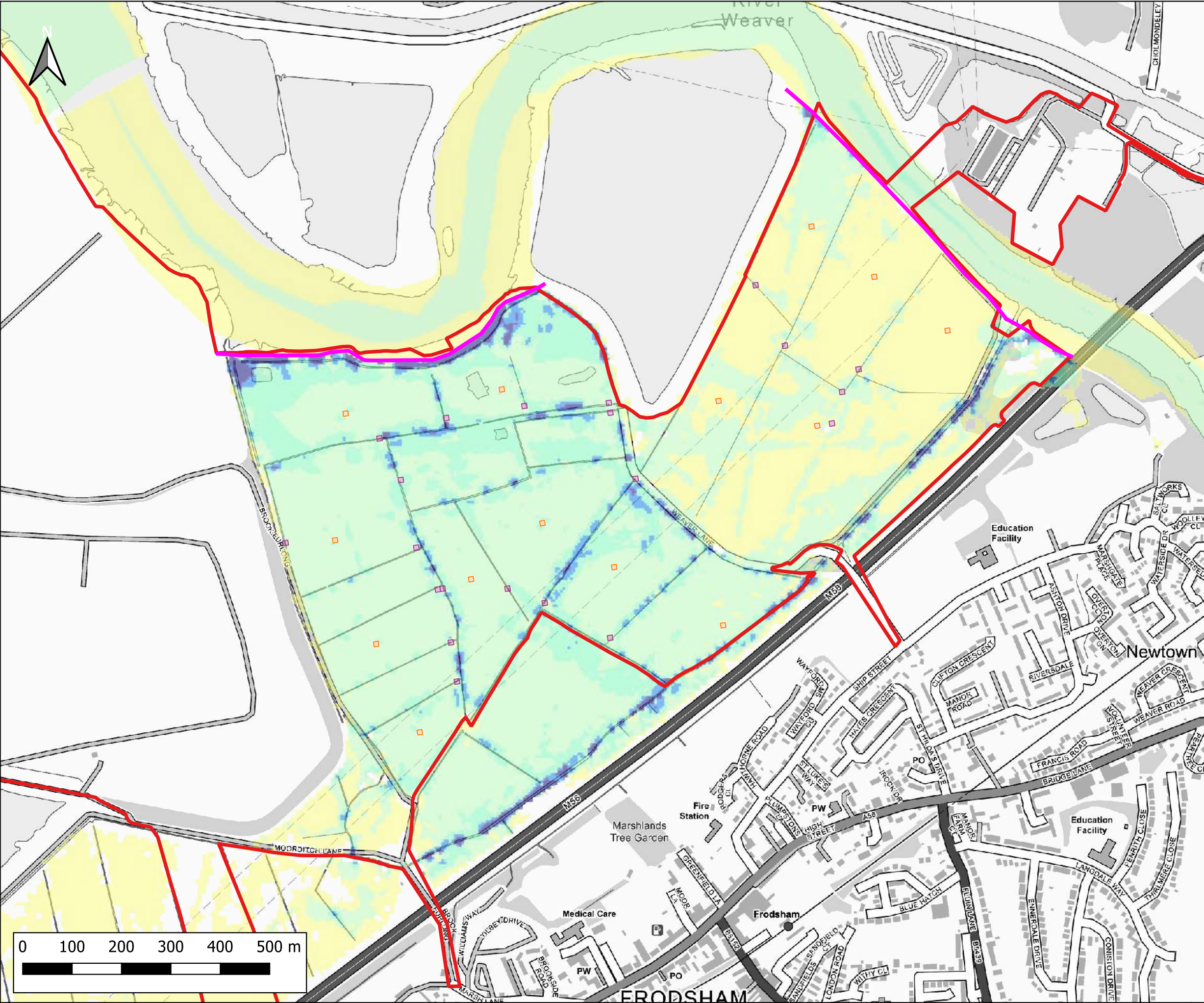
River Mersey Maximum Flood Velocity  
0.5% AEP Tidal Event  
2075 Higher Central  
Breach 1 Existing Scenario (EXG)

PLOT STATUS:			DATE:
FINAL			20-10-2025

DRAWN:	CHECKED:	APPROVED:	PLOT SCALE AT A3:
MH	AP	LS	1:7500

PLOT NAME:	REVISION:
14740_MERS_T200HC_2075HC_EXG_BR1_020_V_Max	-





Notes:  
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

**LEGEND**

- Site Boundary
- River Weaver Flood Defences
- Proposed Volume Displacement
- Proposed Crossings

Maximum Flood Velocity (m/s)

- 0.0 - 0.3
- 0.3 - 0.6
- 0.6 - 0.9
- 0.9 - 1.2
- > 1.2

CLIENT:

Frodsham Solar Ltd

www.waterco.co.uk

SCHEME:

Frodsham Solar

PLOT TITLE:

River Mersey Maximum Flood Velocity  
0.5% AEP Tidal Event  
2075 Higher Central  
Breach 1 Proposed Development Scenario (DEV)

PLOT STATUS:		DATE:	
FINAL		20-10-2025	

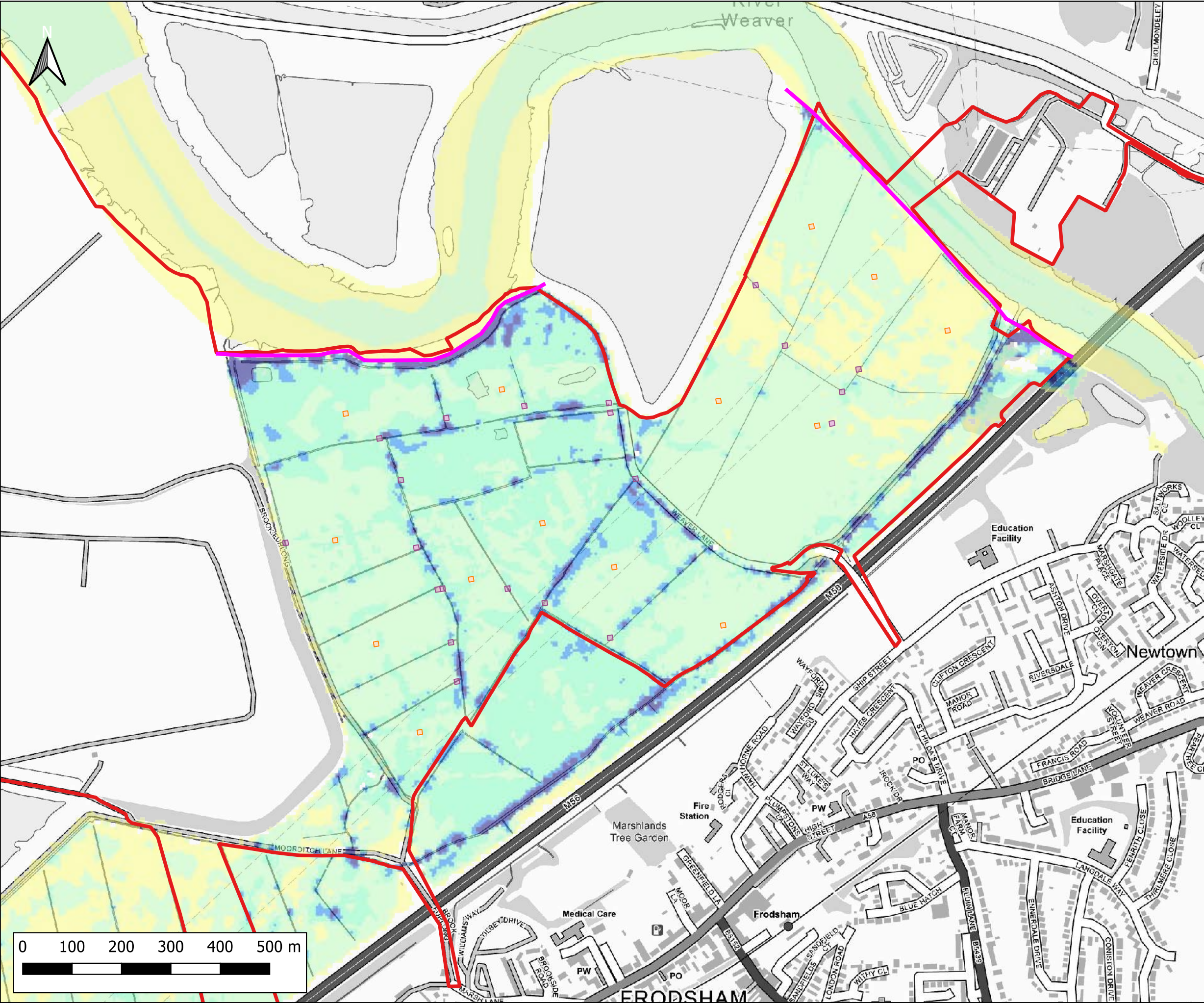
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MH	AP	LS	1:7500

PLOT NAME:	REVISION:
14740_MERS_T200HC_2075HC_DEV3_BR1_020_V_Max	-









Notes:  
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

**LEGEND**

- Site Boundary
- River Weaver Flood Defences
- Proposed Volume Displacement
- Proposed Crossings

Maximum Flood Velocity (m/s)

- 0.0 - 0.3
- 0.3 - 0.6
- 0.6 - 0.9
- 0.9 - 1.2
- > 1.2

Client:

Frodsham Solar Ltd

**waterco**

www.waterco.co.uk

Scheme:

Frodsham Solar

Plot Title:

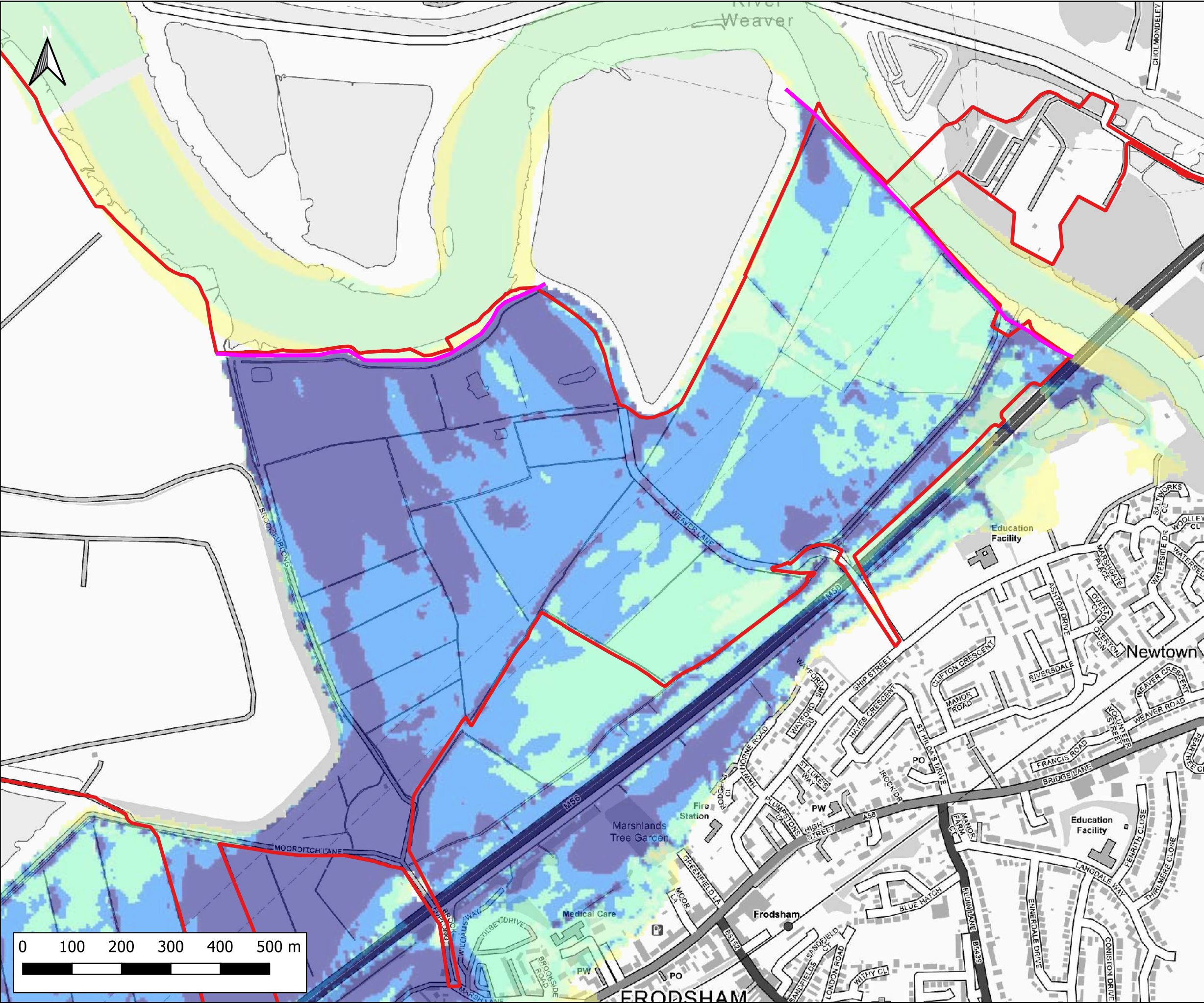
River Mersey Maximum Flood Velocity  
0.5% AEP Tidal Event  
2075 Upper End  
Breach 1 Proposed Development Scenario (DEV)

Plot Status:		Date:	
FINAL		20-10-2025	

Drawn:	Checked:	Approved:	Plot Scale at A3:
MH	AP	LS	1:7500

Plot Name:	Revision:
14740_MERS_T200HC_2075UE_DEV3_BR1_020_V_Max	-





Notes:  
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

**LEGEND**

Site Boundary

River Weaver Flood Defences

Maximum Flood Velocity (m/s)

- 0.0 - 0.3
- 0.3 - 0.6
- 0.6 - 0.9
- 0.9 - 1.2
- > 1.2

Weston

3

12

East

FRODSHAM

CLIENT:

Frodsham Solar Ltd

**waterco**

www.waterco.co.uk

SCHEME:

Frodsham Solar

PLOT TITLE:

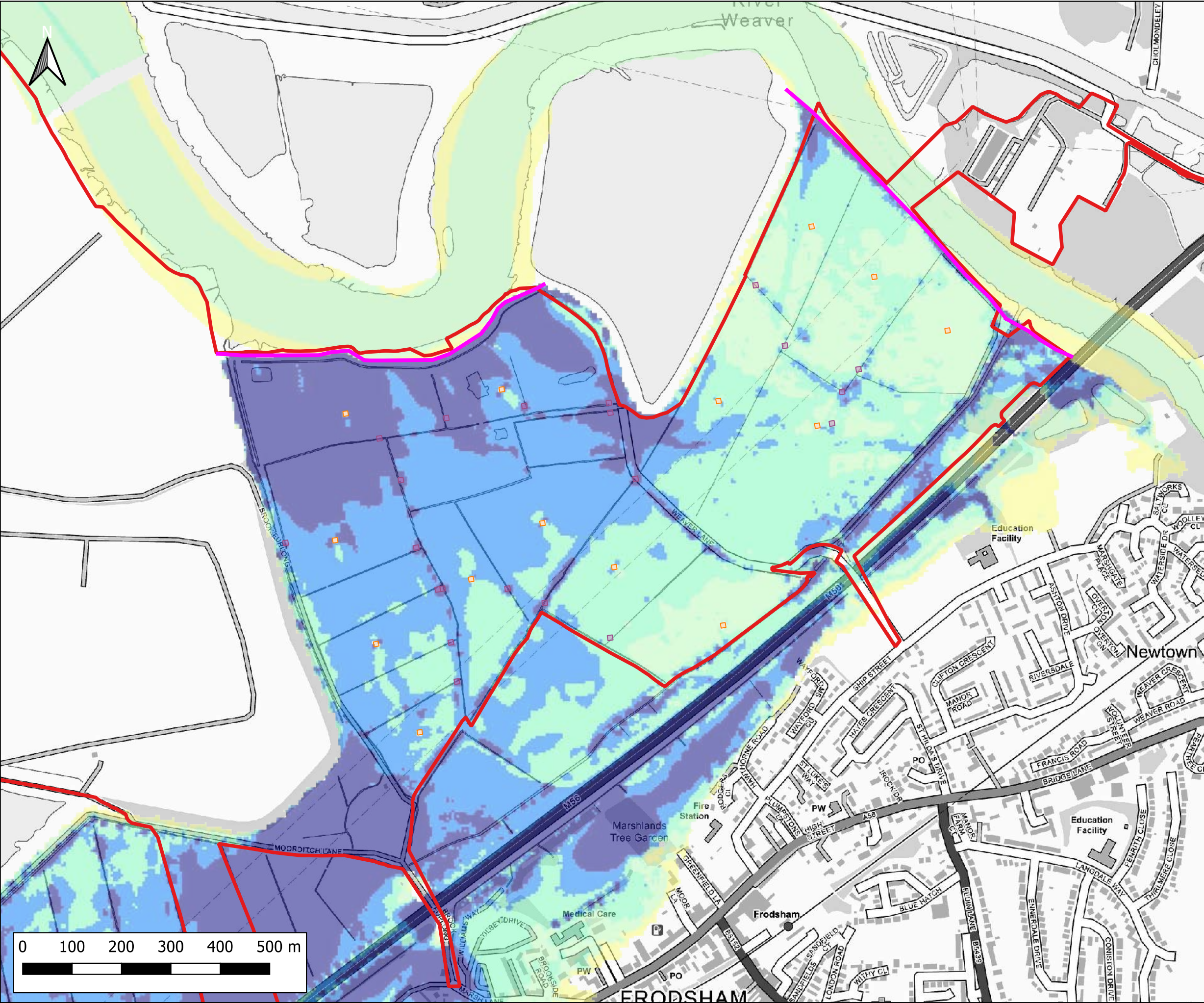
River Mersey Maximum Flood Velocity  
0.5% AEP Tidal Event  
H++  
Breach 1 Existing Scenario (EXG)

PLOT STATUS:		DATE:	
FINAL		20-10-2025	

DRAWN:	CHECKED:	APPROVED:	PLOT SCALE AT A3:
MH	AP	LS	1:7500

PLOT NAME:			REVISION:
14740_MERS_T200HC_2100H++_EXG_BR1_020_V_Max			-





Notes:  
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

**LEGEND**

- Site Boundary
- River Weaver Flood Defences
- Proposed Volume Displacement
- Proposed Crossings

Maximum Flood Velocity (m/s)

- 0.0 - 0.3
- 0.3 - 0.6
- 0.6 - 0.9
- 0.9 - 1.2
- > 1.2

CLIENT:

Frodsham Solar Ltd

**waterco**  
www.waterco.co.uk

SCHEME:

Frodsham Solar

PLOT TITLE:

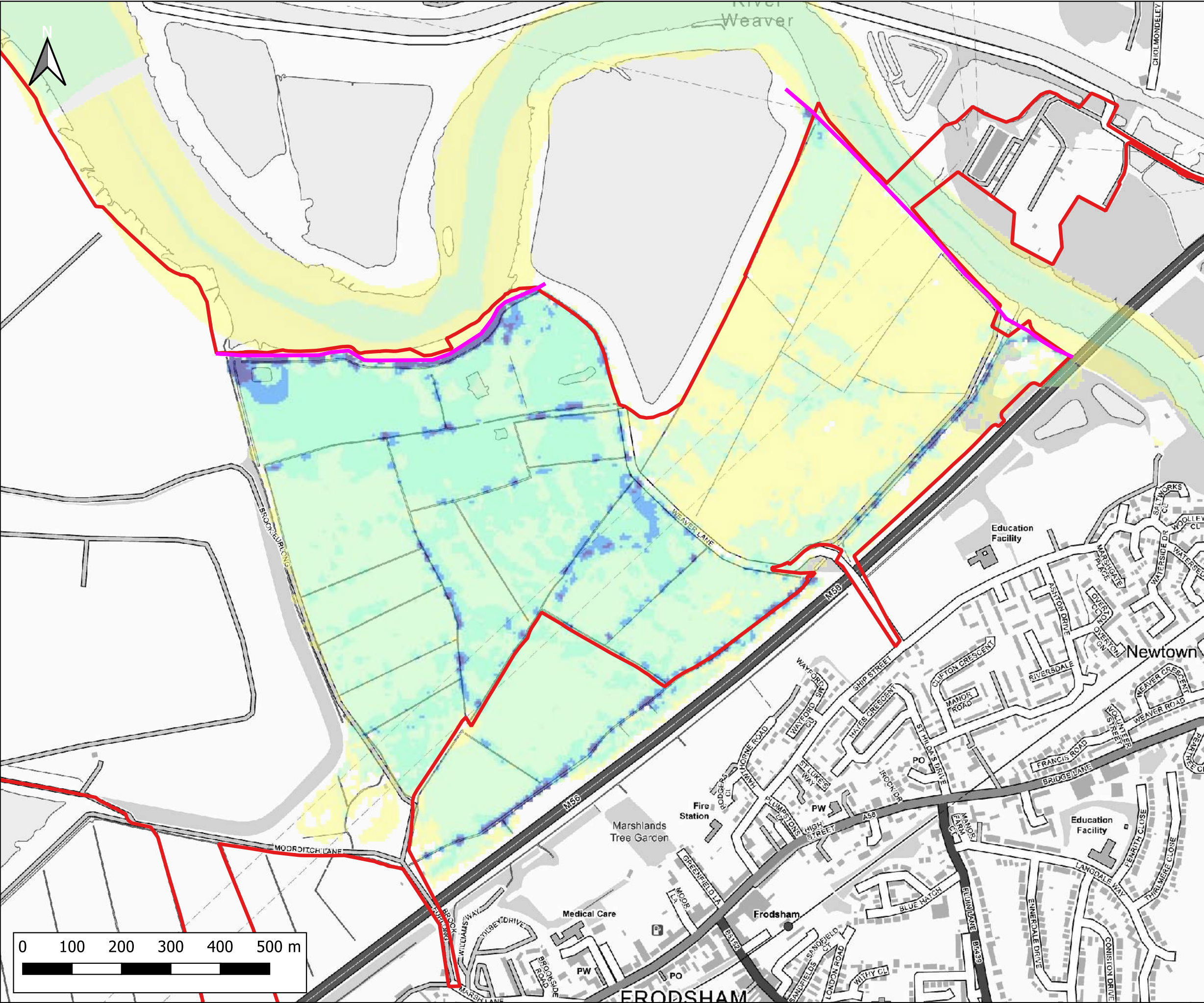
River Mersey Maximum Flood Velocity  
0.5% AEP Tidal Event  
H++  
Breach 1 Proposed Development Scenario (DEV)

PLOT STATUS:			DATE:
FINAL			20-10-2025

DRAWN:	CHECKED:	APPROVED:	PLOT SCALE AT A3:
MH	AP	LS	1:7500

PLOT NAME:	REVISION:
14740_MERS_T200HC_2100H++_DEV3_BR1_020_V_Max	-





Notes:  
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

**LEGEND**

Site Boundary

River Weaver Flood Defences

Maximum Flood Velocity (m/s)

- 0.0 - 0.3
- 0.3 - 0.6
- 0.6 - 0.9
- 0.9 - 1.2
- > 1.2

CLIENT:

Frodsham Solar Ltd

www.waterco.co.uk

SCHEME:

Frodsham Solar

PLOT TITLE:

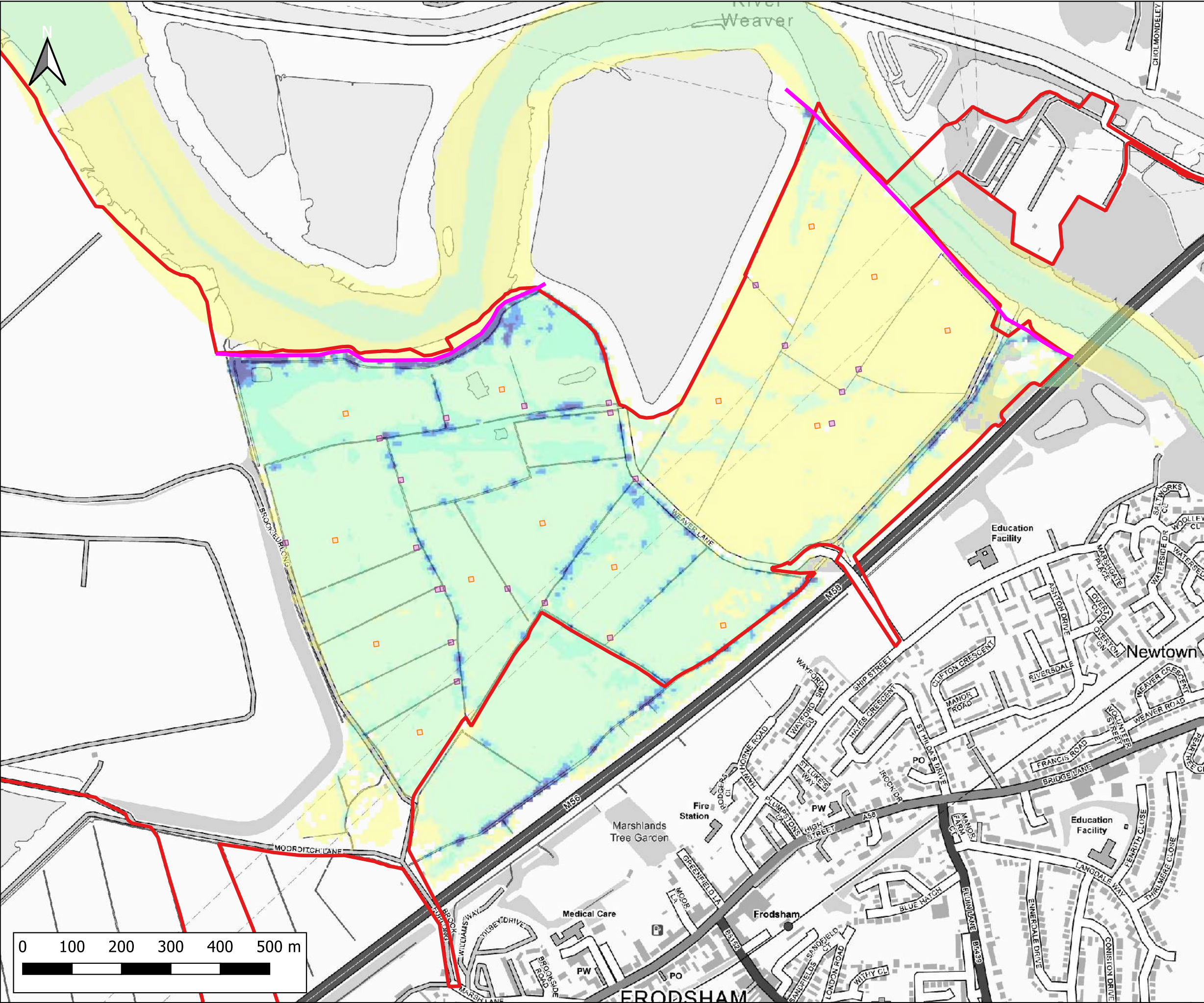
River Mersey Maximum Flood Velocity  
0.1% AEP Tidal Event  
2024 Higher Central  
Breach 1 Existing Scenario (EXG)

PLOT STATUS:		DATE:	
FINAL		20-10-2025	

DRAWN:	CHECKED:	APPROVED:	PLOT SCALE AT A3:
MH	AP	LS	1:7500

PLOT NAME:	REVISION:
14740_MERS_T1000HC_2024HC_EXG_BR1_020_V_Max	-





Notes:  
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

**LEGEND**

- Site Boundary
- River Weaver Flood Defences
- Proposed Volume Displacement
- Proposed Crossings

Maximum Flood Velocity (m/s)

- 0.0 - 0.3
- 0.3 - 0.6
- 0.6 - 0.9
- 0.9 - 1.2
- > 1.2

CLIENT:

Frodsham Solar Ltd

www.waterco.co.uk

SCHEME:

Frodsham Solar

PLOT TITLE:

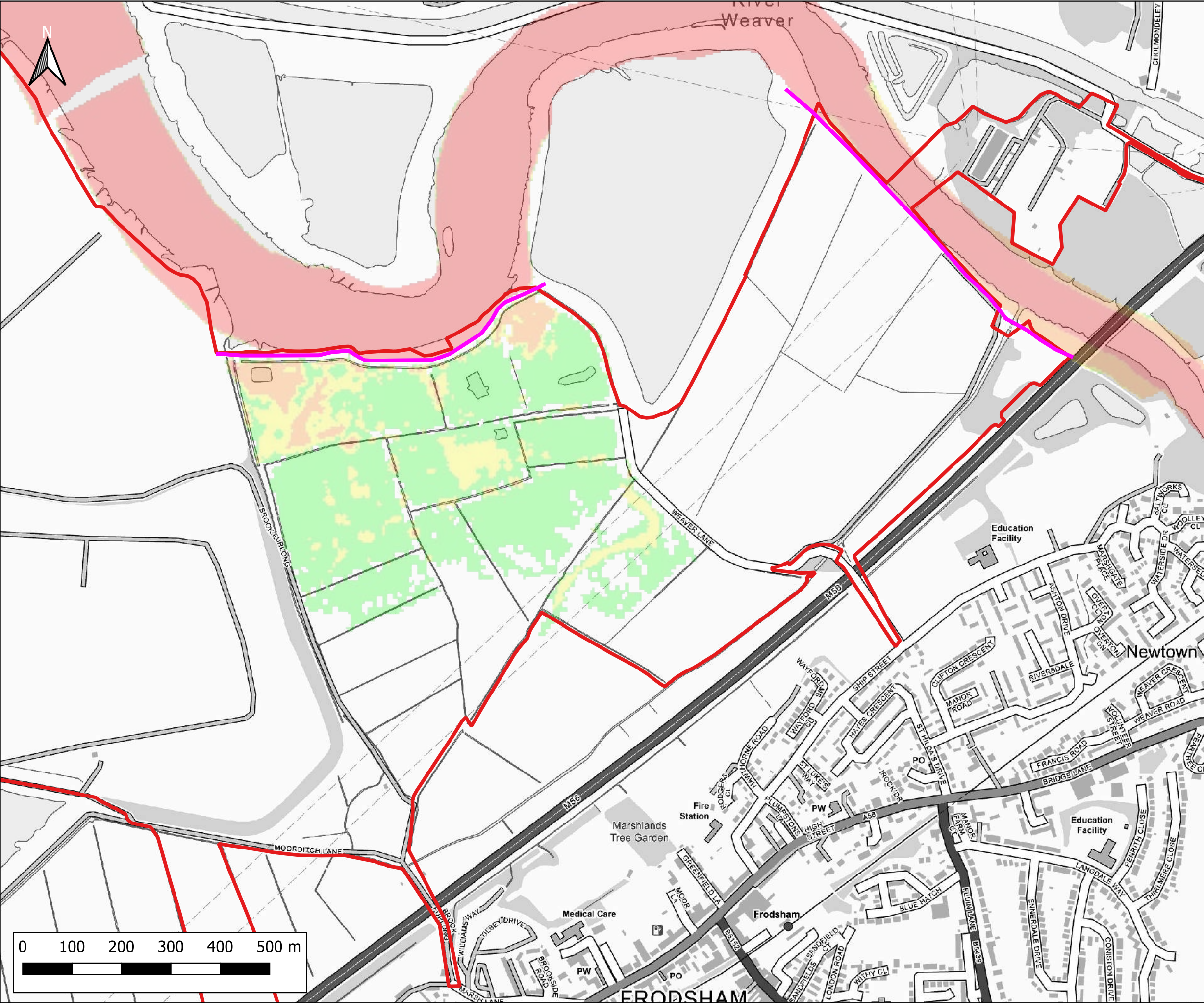
River Mersey Maximum Flood Velocity  
0.1% AEP Tidal Event  
2024 Higher Central  
Breach 1 Proposed Development Scenario (DEV)

PLOT STATUS:			DATE:
FINAL			20-10-2025

DRAWN:	CHECKED:	APPROVED:	PLOT SCALE AT A3:
MH	AP	LS	1:7500

PLOT NAME:	REVISION:
14740_MERS_T1000HC_2024HC_DEV3_BR1_020_V_Max	-





Notes:  
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

**LEGEND**

Site Boundary

River Weaver Flood Defences

Maximum Flood Hazard Rating (FD2320)

Caution

Danger for Some

Danger for Most

Danger for All

CLIENT:

Frodsham Solar Ltd

www.waterco.co.uk

SCHEME:

Frodsham Solar

PLOT TITLE:

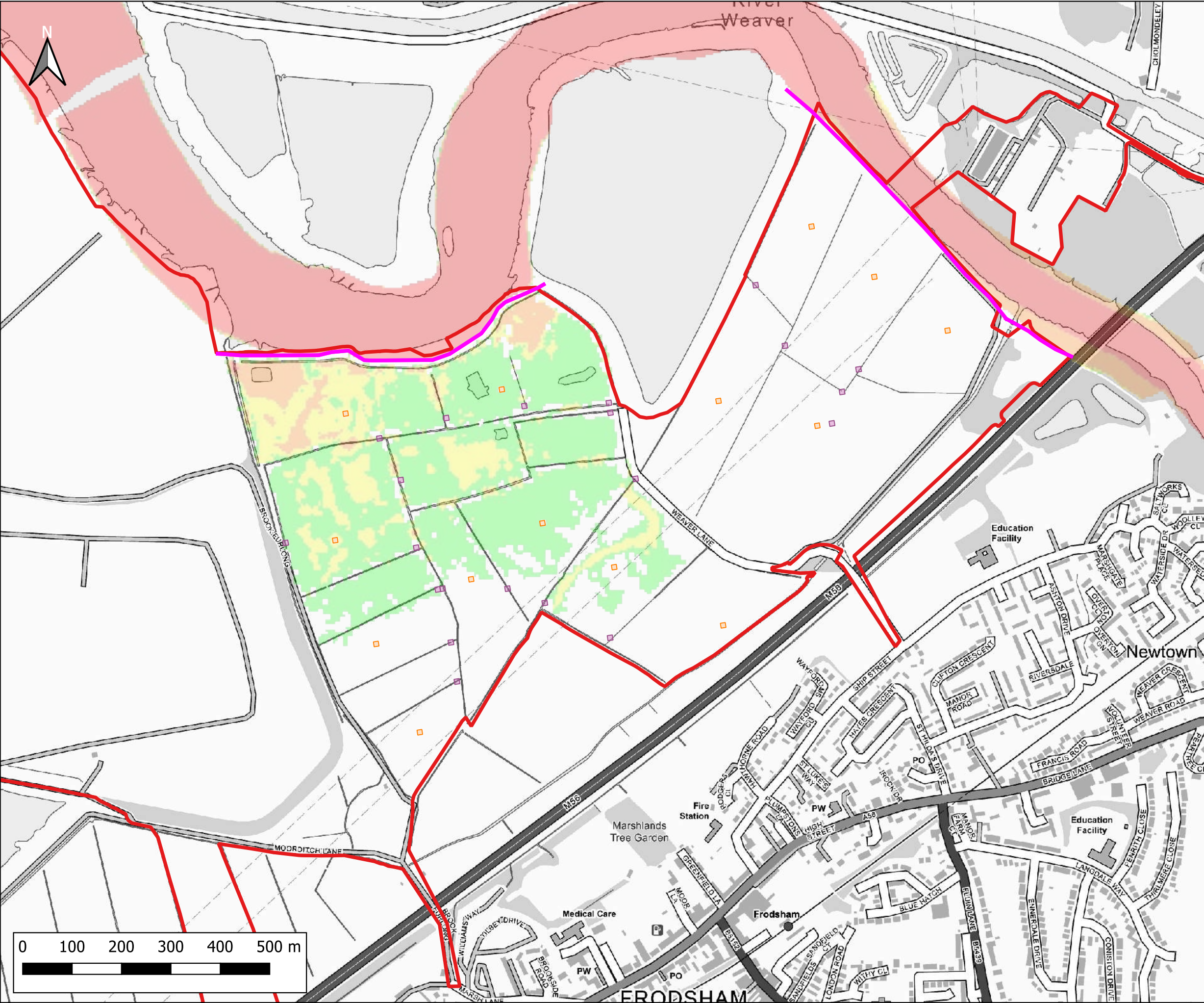
River Mersey Maximum Flood Hazard Rating  
0.5% AEP Tidal Event  
2024 Higher Central  
Defended Existing Scenario (EXG)

PLOT STATUS:			DATE:
FINAL			20-10-2025

DRAWN:	CHECKED:	APPROVED:	PLOT SCALE AT A3:
MH	AP	LS	1:7500

PLOT NAME:	REVISION:
14740_MERS_T200HC_2024HC_EXG_DEF_020_ZUK0_Max	-





Notes:  
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

**LEGEND**

- Site Boundary
- River Weaver Flood Defences
- Proposed Volume Displacement
- Proposed Crossings

Maximum Flood Hazard Rating (FD2320)

- Caution
- Danger for Some
- Danger for Most
- Danger for All

CLIENT:

Frodsham Solar Ltd

www.waterco.co.uk

SCHEME:

Frodsham Solar

PLOT TITLE:

River Mersey Maximum Flood Hazard Rating  
0.5% AEP Tidal Event  
2024 Higher Central  
Defended Proposed Development Scenario (DEV)

PLOT STATUS:			DATE:
FINAL			20-10-2025

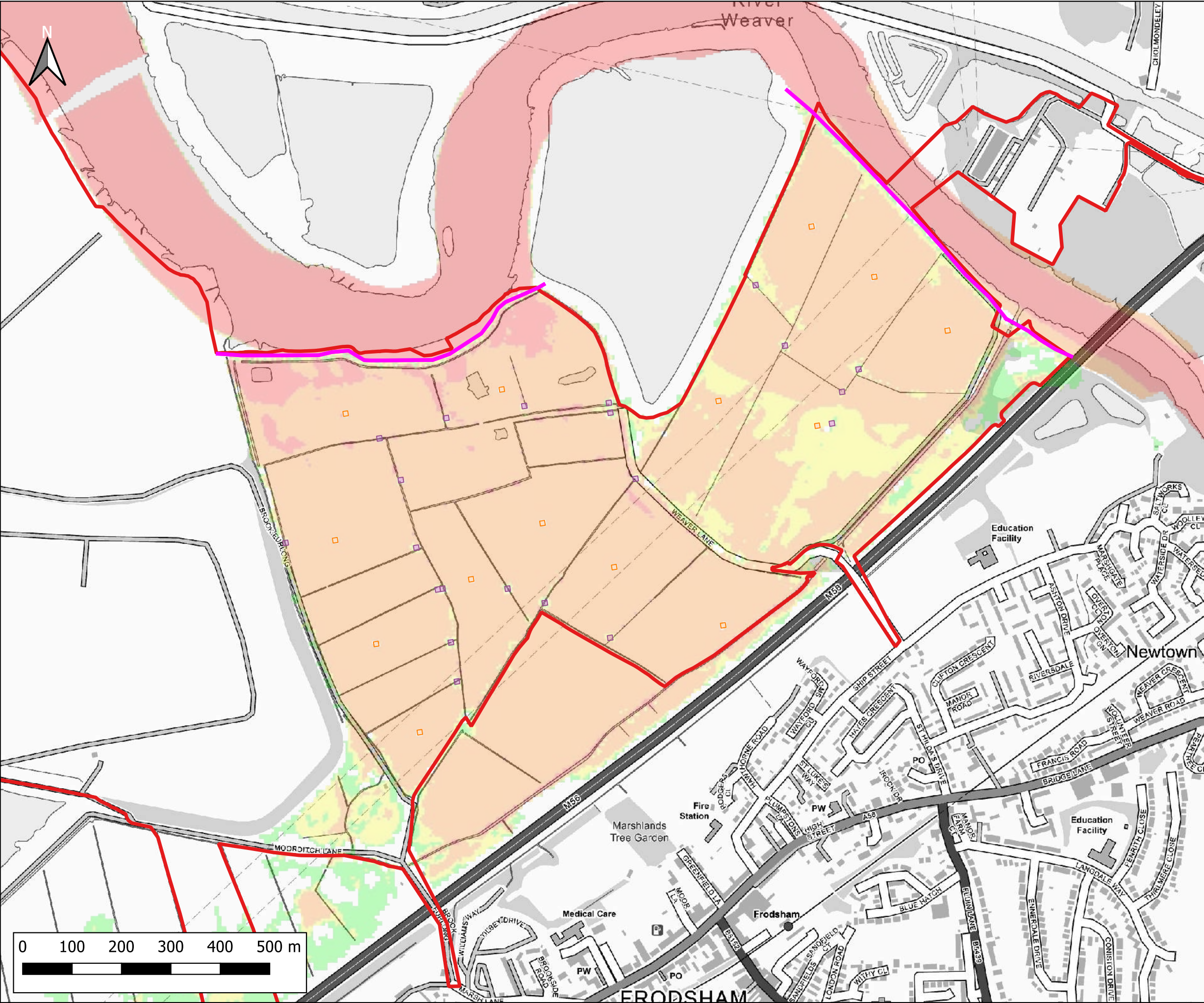
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MH	AP	LS	1:7500

PLOT NAME:	REVISION:
14740_MERS_T200HC_2024HC_DEV3_DEF_020_ZUKO_Max	-









Notes:  
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

**LEGEND**

- Site Boundary
- River Weaver Flood Defences
- Proposed Volume Displacement
- Proposed Crossings

Maximum Flood Hazard Rating (FD2320)

- Caution
- Danger for Some
- Danger for Most
- Danger for All

CLIENT:

Frodsham Solar Ltd

www.waterco.co.uk

SCHEME:

Frodsham Solar

PLOT TITLE:

River Mersey Maximum Flood Hazard Rating  
0.5% AEP Tidal Event  
2075 Higher Central  
Defended Proposed Development Scenario (DEV)

PLOT STATUS:			DATE:
FINAL			20-10-2025

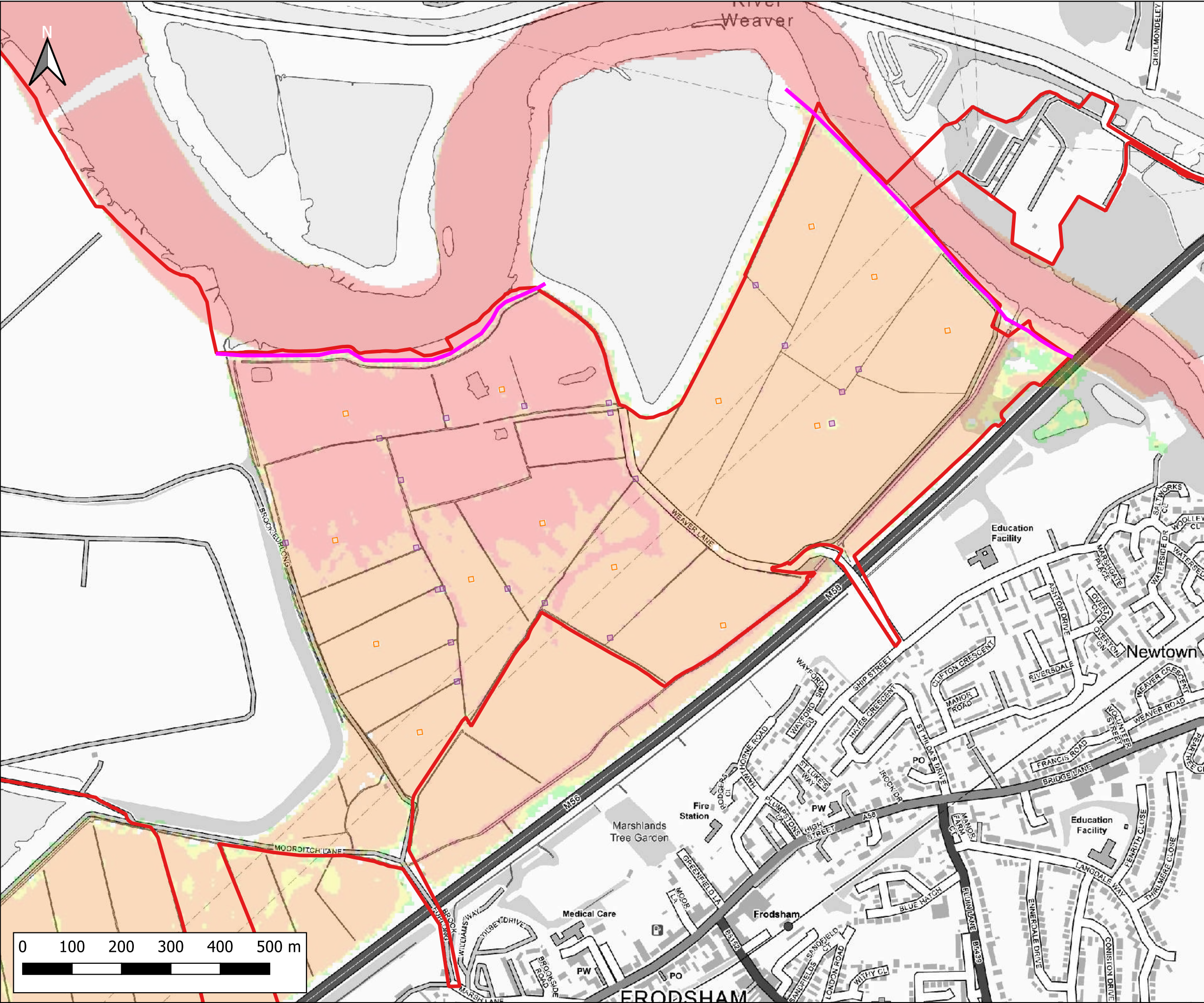
DRAWN:	CHECKED:	APPROVED:	PLOT SCALE AT A3:
MH	AP	LS	1:7500

PLOT NAME:	REVISION:
14740_MERS_T200HC_2075HC_DEV3_DEF_020_ZUKO_Max	-









Notes:  
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

**LEGEND**

- Site Boundary
- River Weaver Flood Defences
- Proposed Volume Displacement
- Proposed Crossings

Maximum Flood Hazard Rating (FD2320)

- Caution
- Danger for Some
- Danger for Most
- Danger for All

CLIENT:

Frodsham Solar Ltd

www.waterco.co.uk

SCHEME:

Frodsham Solar

PLOT TITLE:

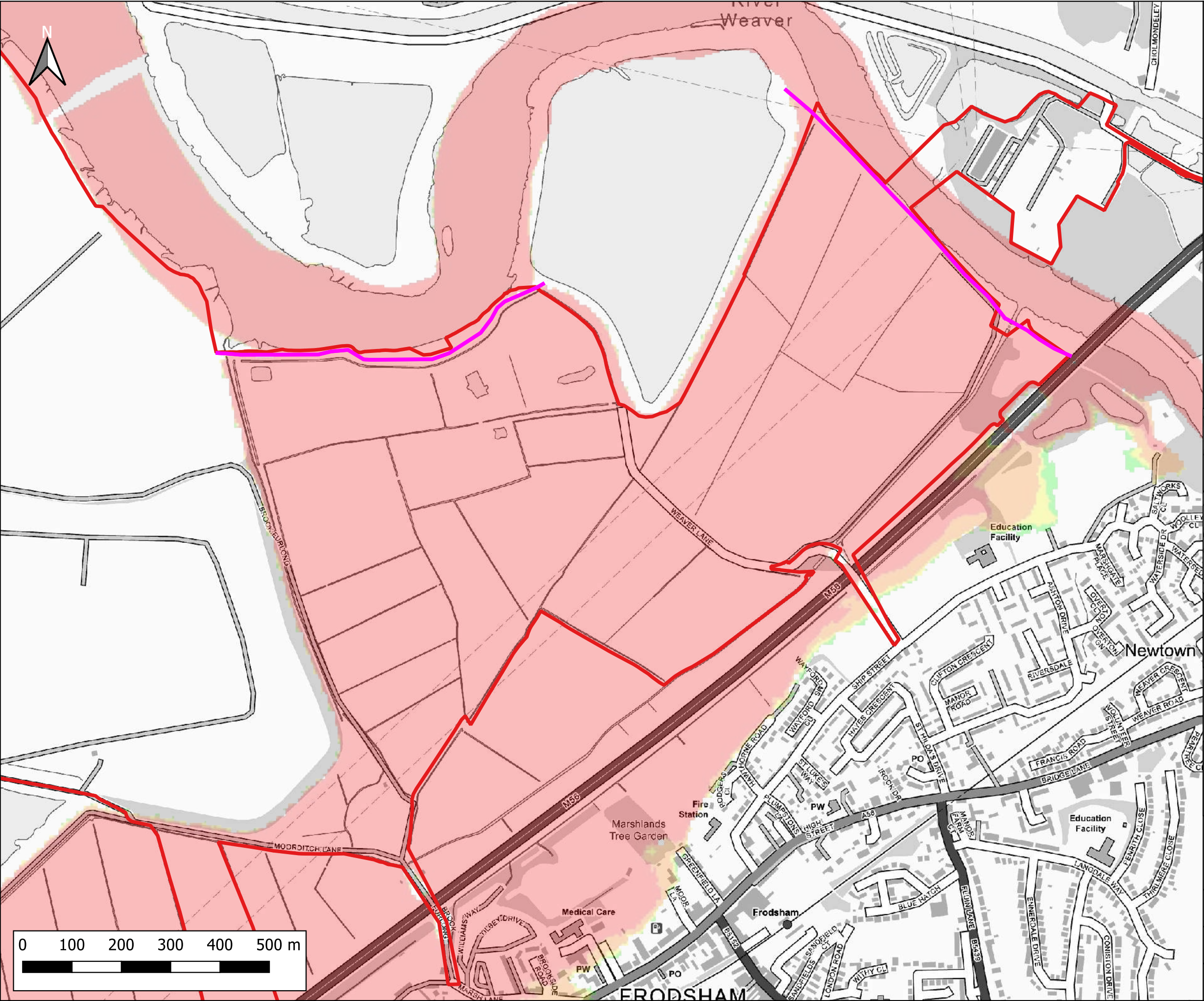
River Mersey Maximum Flood Hazard Rating  
0.5% AEP Tidal Event  
2075 Upper End  
Defended Proposed Development Scenario (DEV)

PLOT STATUS:		DATE:	
FINAL		20-10-2025	

DRAWN:	CHECKED:	APPROVED:	PLOT SCALE AT A3:
MH	AP	LS	1:7500

PLOT NAME:	REVISION:
14740_MERS_T200HC_2075UE_DEV3_DEF_020_ZUKO_Max	-





Notes:  
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

**LEGEND**

Site Boundary

River Weaver Flood Defences

Maximum Flood Hazard Rating (FD2320)

Caution

Danger for Some

Danger for Most

Danger for All

CLIENT:

Frodsham Solar Ltd

www.waterco.co.uk

SCHEME:

Frodsham Solar

PLOT TITLE:

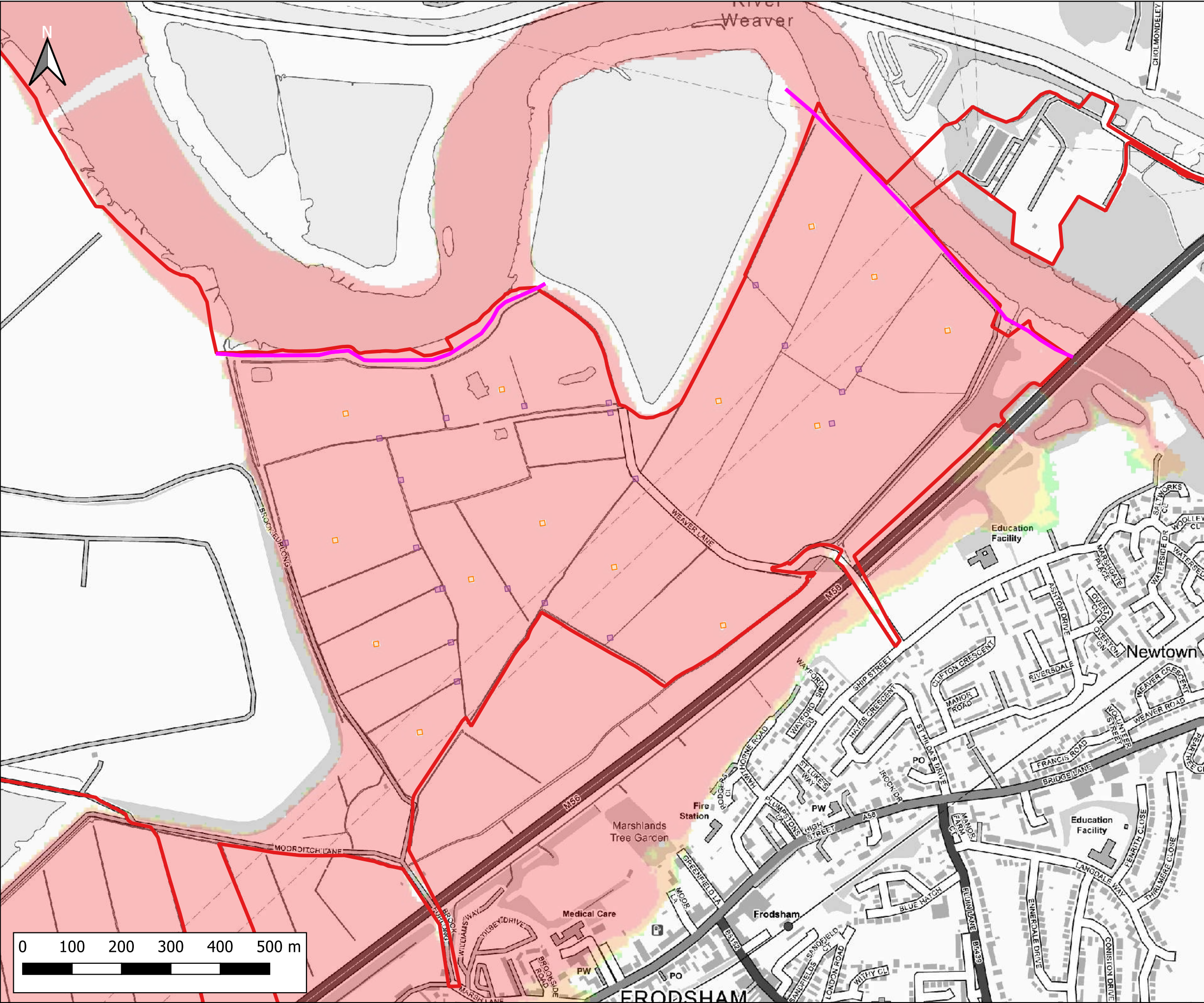
River Mersey Maximum Flood Hazard Rating  
0.5% AEP Tidal Event  
H++  
Defended Existing Scenario (EXG)

PLOT STATUS:			DATE:
FINAL			20-10-2025

DRAWN:	CHECKED:	APPROVED:	PLOT SCALE AT A3:
MH	AP	LS	1:7500

PLOT NAME:	REVISION:
14740_MERS_T200HC_2100H++_EXG_DEF_020_ZUK0_Max	-





Notes:  
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

**LEGEND**

- Site Boundary
- River Weaver Flood Defences
- Proposed Volume Displacement
- Proposed Crossings

Maximum Flood Hazard Rating (FD2320)

- Caution
- Danger for Some
- Danger for Most
- Danger for All

CLIENT:

Frodsham Solar Ltd

www.waterco.co.uk

SCHEME:

Frodsham Solar

PLOT TITLE:

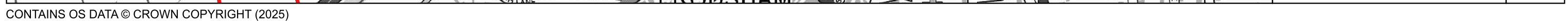
River Mersey Maximum Flood Hazard Rating  
0.5% AEP Tidal Event  
H++  
Defended Proposed Development Scenario (DEV)

PLOT STATUS:			DATE:
FINAL			20-10-2025

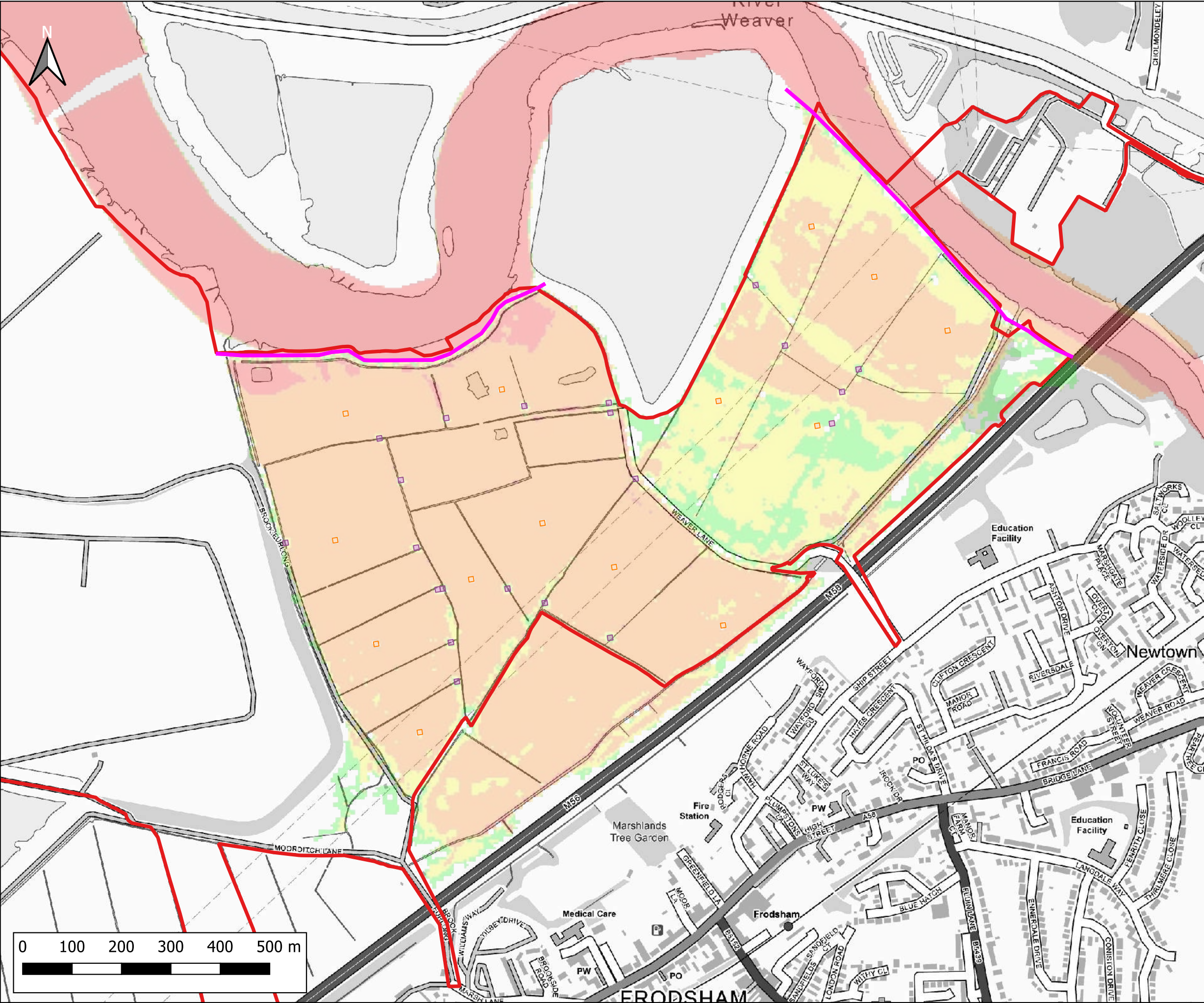
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MH	AP	LS	1:7500

PLOT NAME:	REVISION:
14740_MERS_T200HC_2100H++_DEV3_DEF_020_ZUK0_Max	-









Notes:  
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

**LEGEND**

- Site Boundary
- River Weaver Flood Defences
- Proposed Volume Displacement
- Proposed Crossings

Maximum Flood Hazard Rating (FD2320)

- Caution
- Danger for Some
- Danger for Most
- Danger for All

Weston

3

12

East

FRODSHAM

CLIENT:

Frodsham Solar Ltd

**waterco**

www.waterco.co.uk

SCHEME:

Frodsham Solar

PLOT TITLE:

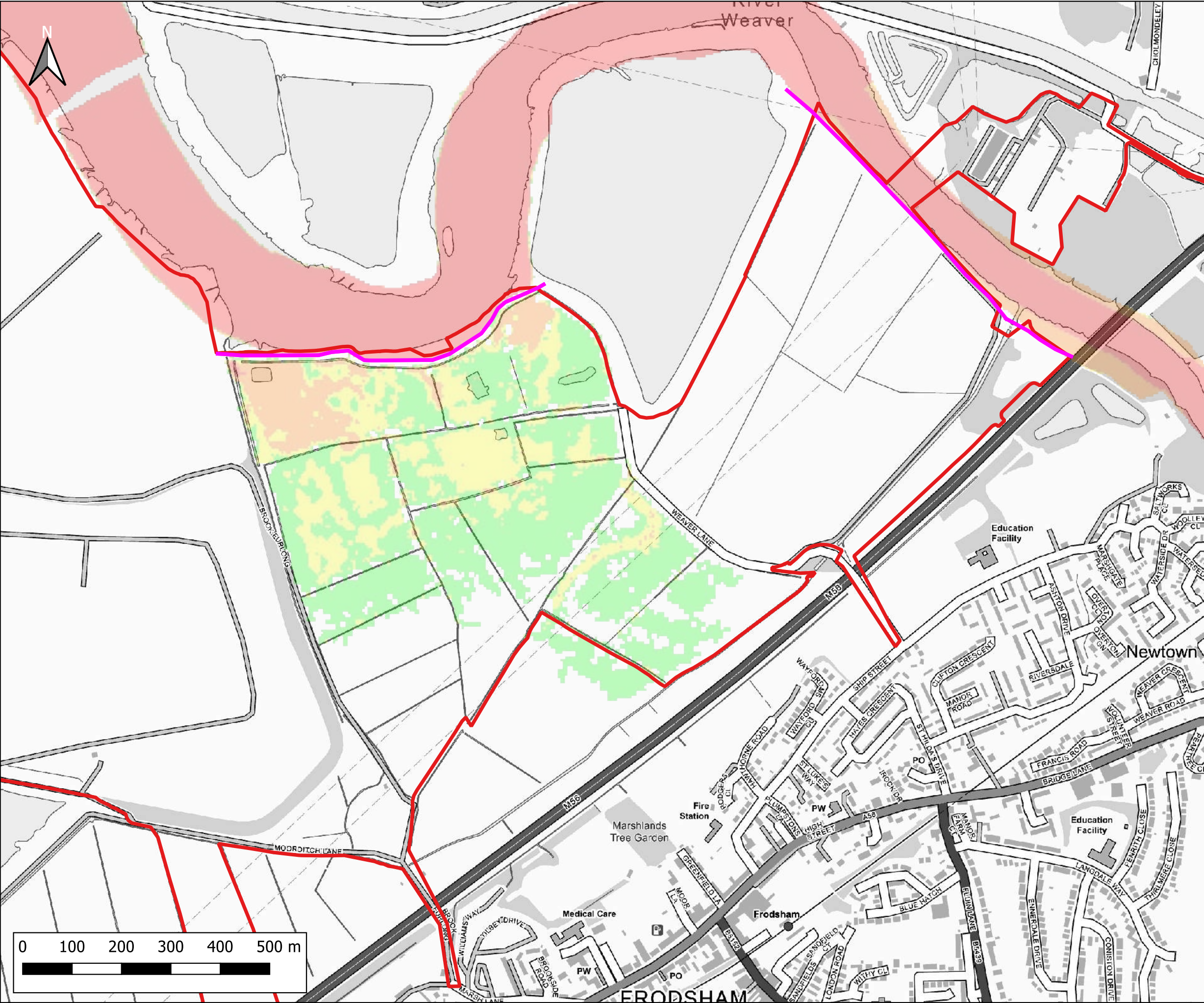
River Mersey Maximum Flood Hazard Rating  
0.1% AEP Tidal Event  
2024 Higher Central  
Defended Proposed Development Scenario (DEV)

PLOT STATUS:			DATE:
FINAL			20-10-2025

DRAWN:	CHECKED:	APPROVED:	PLOT SCALE AT A3:
MH	AP	LS	1:7500

PLOT NAME:			REVISION:
14740_MERS_T1000HC_2024HC_DEV3_DEF_020_ZUK0_Max			-





Notes:  
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

**LEGEND**

Site Boundary

River Weaver Flood Defences

Maximum Flood Hazard Rating (FD2320)

Caution

Danger for Some

Danger for Most

Danger for All

CLIENT:

Frodsham Solar Ltd

www.waterco.co.uk

SCHEME:

Frodsham Solar

PLOT TITLE:

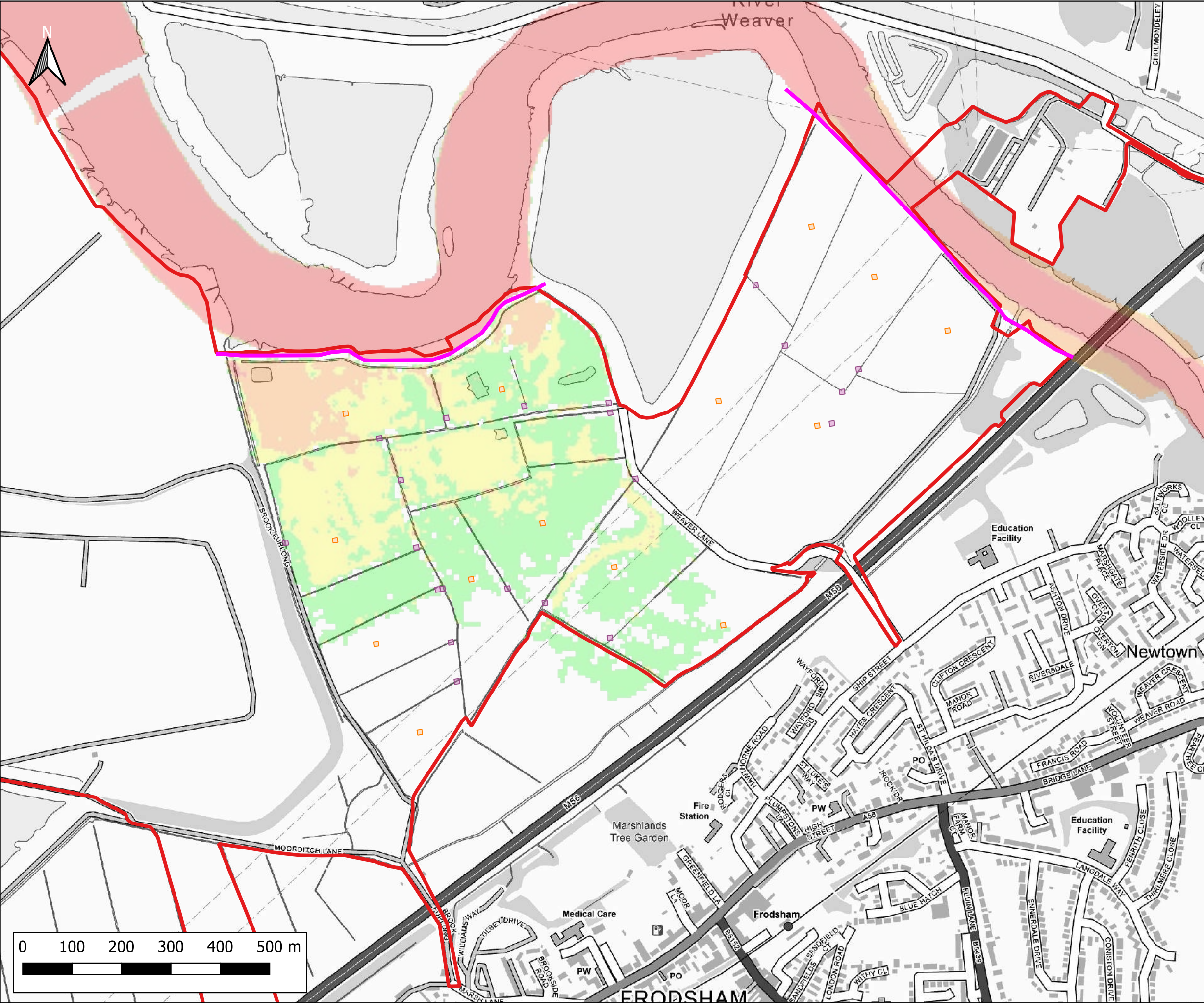
River Mersey Maximum Flood Hazard Rating  
0.5% AEP Tidal Event  
2024 Higher Central  
Breach 1 Existing Scenario (EXG)

PLOT STATUS:			DATE:
FINAL			20-10-2025

DRAWN:	CHECKED:	APPROVED:	PLOT SCALE AT A3:
MH	AP	LS	1:7500

PLOT NAME:	REVISION:
14740_MERS_T200HC_2024HC_EXG_BR1_020_ZUK0_Max	-





Notes:  
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

**LEGEND**

- Site Boundary
- River Weaver Flood Defences
- Proposed Volume Displacement
- Proposed Crossings

Maximum Flood Hazard Rating (FD2320)

- Caution
- Danger for Some
- Danger for Most
- Danger for All

CLIENT:

Frodsham Solar Ltd

www.waterco.co.uk

SCHEME:

Frodsham Solar

PLOT TITLE:

River Mersey Maximum Flood Hazard Rating  
0.5% AEP Tidal Event  
2024 Higher Central  
Breach 1 Proposed Development Scenario (DEV)

PLOT STATUS:		DATE:	
FINAL		20-10-2025	

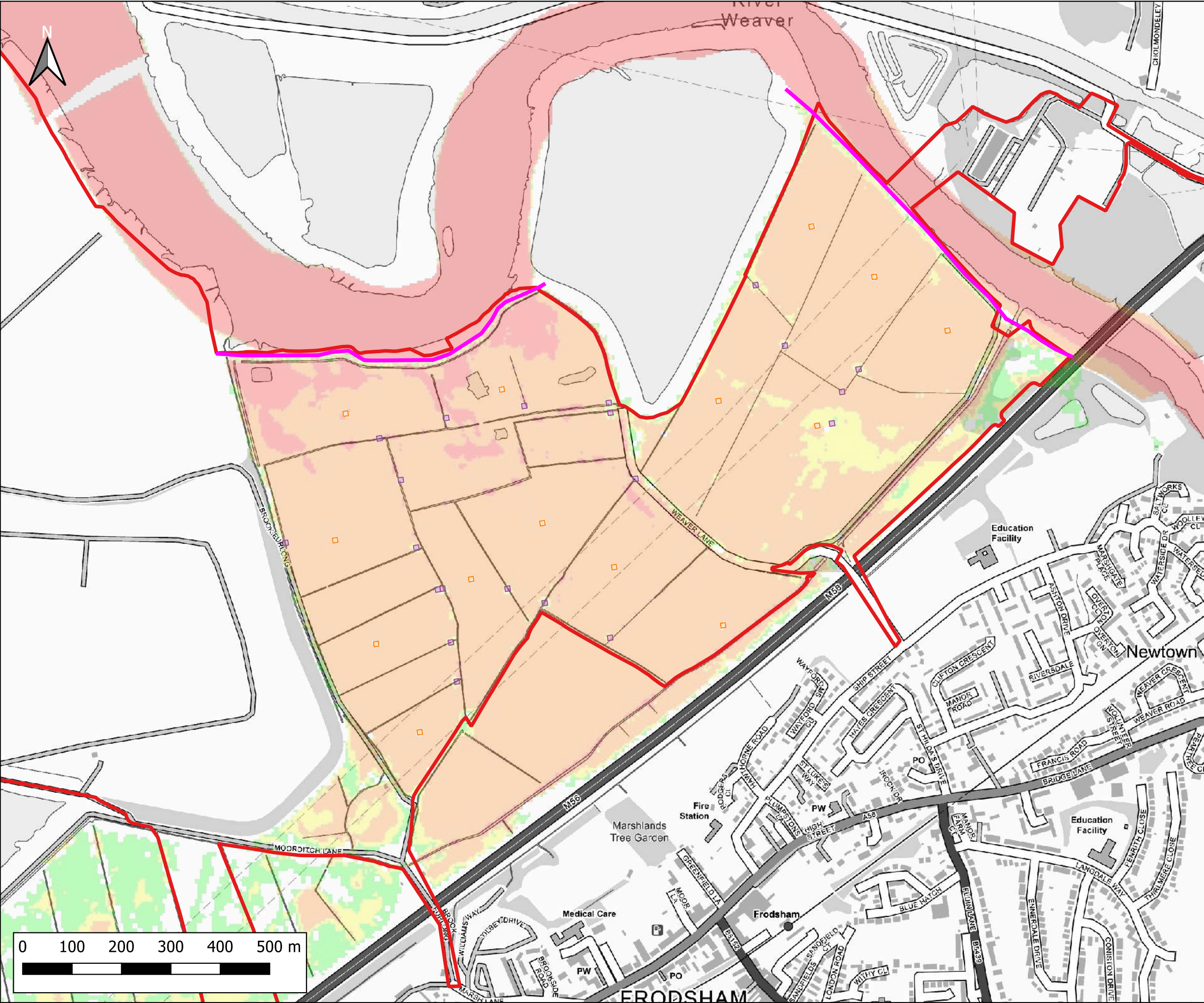
DRAWN:	CHECKED:	APPROVED:	PLOT SCALE AT A3:
MH	AP	LS	1:7500

PLOT NAME:	REVISION:
14740_MERS_T200HC_2024HC_DEV3_BR1_020_ZUKO_Max	-









Notes:  
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

**LEGEND**

- Site Boundary
- River Weaver Flood Defences
- Proposed Volume Displacement
- Proposed Crossings

Maximum Flood Hazard Rating (FD2320)

- Caution
- Danger for Some
- Danger for Most
- Danger for All

CLIENT:

Frodsham Solar Ltd

www.waterco.co.uk

SCHEME:

Frodsham Solar

PLOT TITLE:

River Mersey Maximum Flood Hazard Rating  
0.5% AEP Tidal Event  
2075 Higher Central  
Breach 1 Proposed Development Scenario (DEV)

PLOT STATUS:			DATE:
FINAL			20-10-2025

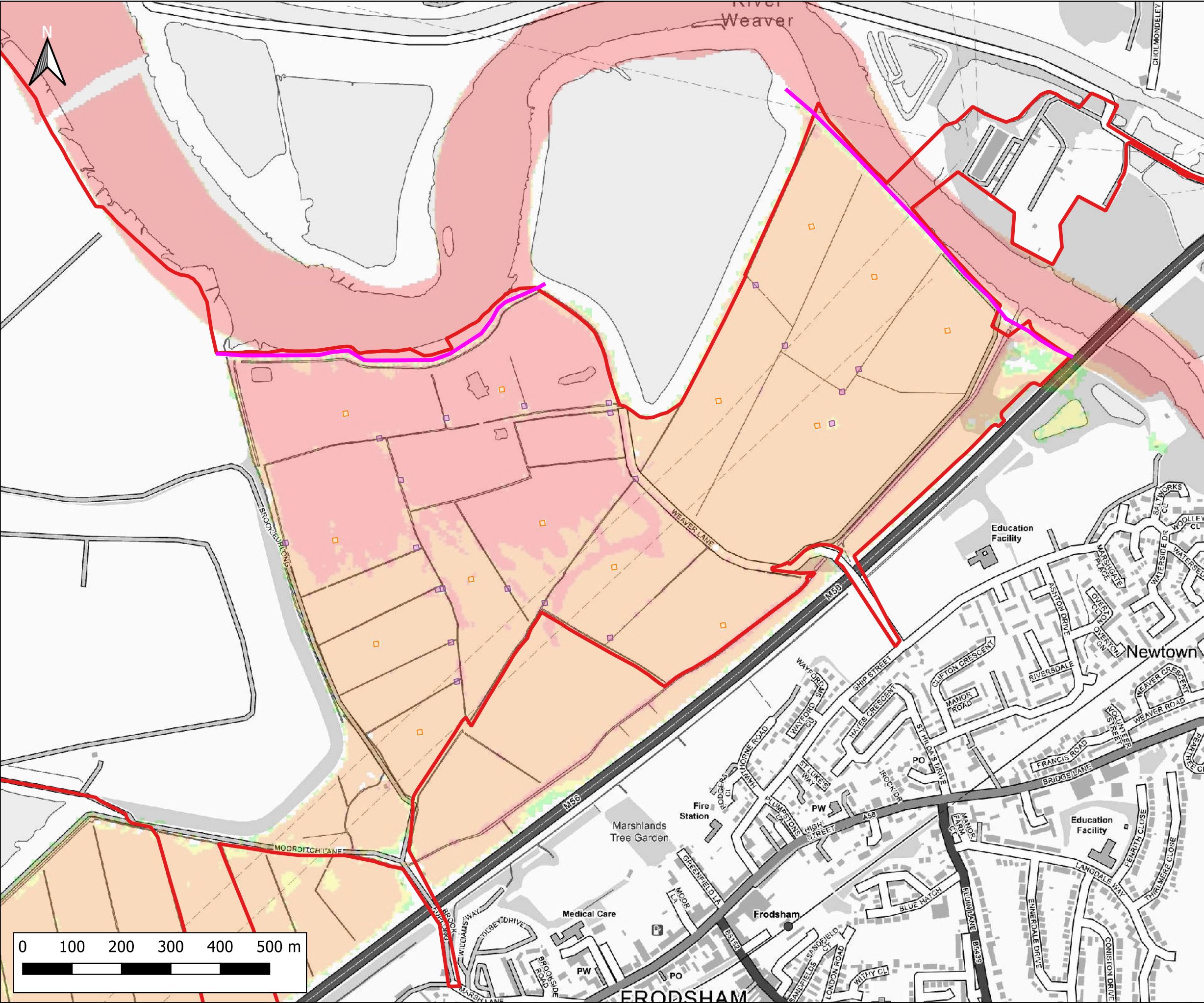
DRAWN:	CHECKED:	APPROVED:	PLOT SCALE AT A3:
MH	AP	LS	1:7500

PLOT NAME:	REVISION:
14740_MERS_T200HC_2075HC_DEV3_BR1_020_ZUKO_Max	-









Notes:  
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

**LEGEND**

- Site Boundary
- River Weaver Flood Defences
- Proposed Volume Displacement
- Proposed Crossings

Maximum Flood Hazard Rating (FD2320)

- Caution
- Danger for Some
- Danger for Most
- Danger for All

Weston  
3  
12  
River Weaver  
East  
FRODSHAM

CLIENT:

Frodsham Solar Ltd

**waterco**  
www.waterco.co.uk

SCHEME:

Frodsham Solar

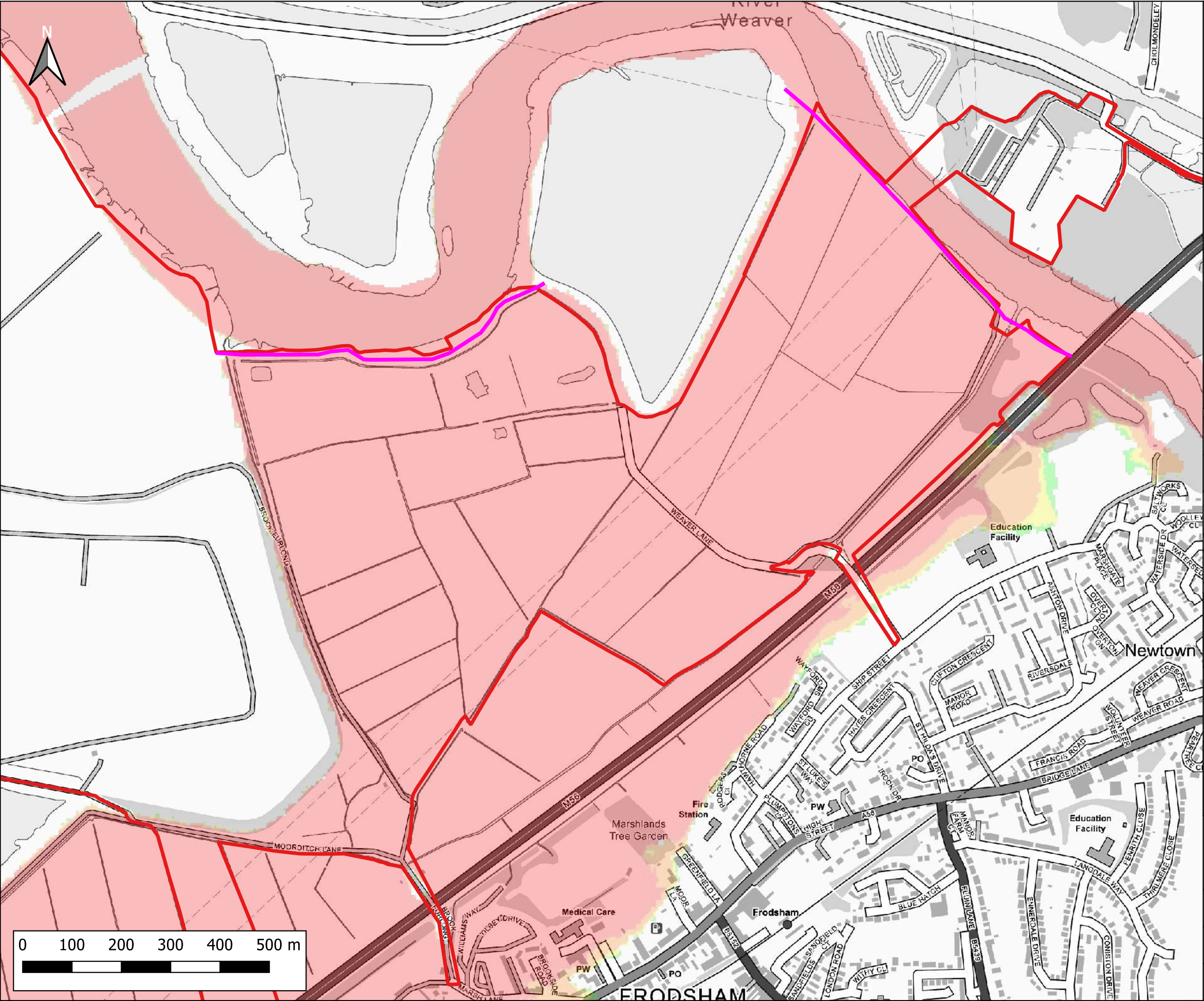
PLOT TITLE:  
River Mersey Maximum Flood Hazard Rating  
0.5% AEP Tidal Event  
2075 Upper End  
Breach 1 Proposed Development Scenario (DEV)

PLOT STATUS: FINAL DATE: 20-10-2025

DRAWN: MH CHECKED: AP APPROVED: LS PLOT SCALE AT A3: 1:7500

PLOT NAME: 14740\_MERS\_T200HC\_2075UE\_DEV3\_BR1\_020\_ZUKO\_Max REVISION: -





Notes:  
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

**LEGEND**

Site Boundary

River Weaver Flood Defences

Maximum Flood Hazard Rating (FD2320)

Caution


Danger for Some

Danger for Most

Danger for All

CLIENT:

Frodsham Solar Ltd

  
www.waterco.co.uk

SCHEME:

Frodsham Solar

PLOT TITLE:

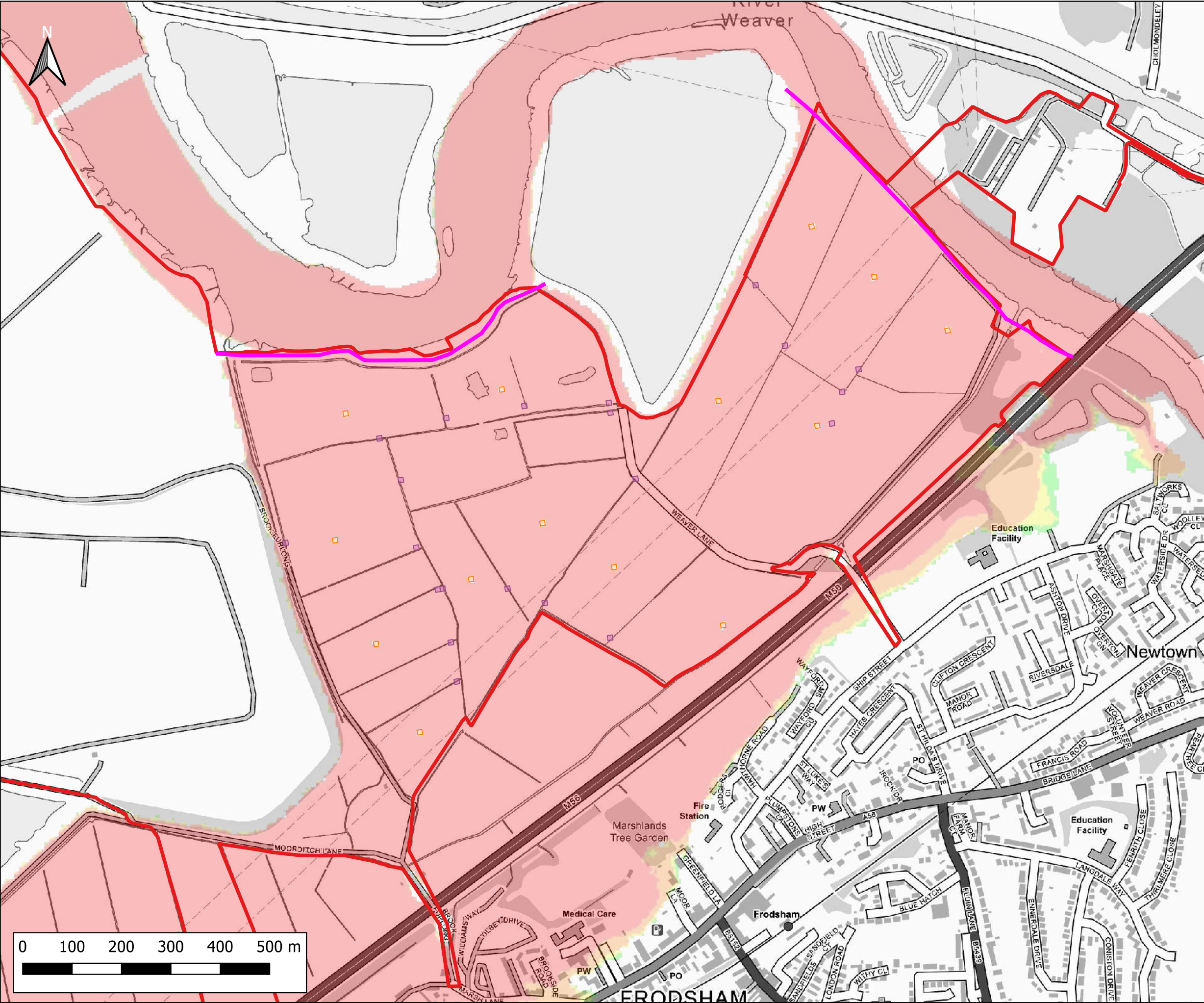
River Mersey Maximum Flood Hazard Rating  
0.5% AEP Tidal Event  
H++  
Breach 1 Existing Scenario (EXG)

PLOT STATUS:			DATE:
FINAL			20-10-2025

DRAWN:	CHECKED:	APPROVED:	PLOT SCALE AT A3:
MH	AP	LS	1:7500

PLOT NAME:	REVISION:
14740_MERS_T200HC_2100H++_EXG_BR1_020_ZUK0_Max	-





Notes:  
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

**LEGEND**

- Site Boundary
- River Weaver Flood Defences
- Proposed Volume Displacement
- Proposed Crossings

Maximum Flood Hazard Rating (FD2320)

- Caution
- Danger for Some
- Danger for Most
- Danger for All

Weston

East

FRODSHAM

CLIENT:

Frodsham Solar Ltd

**waterco**  
www.waterco.co.uk

SCHEME:

Frodsham Solar

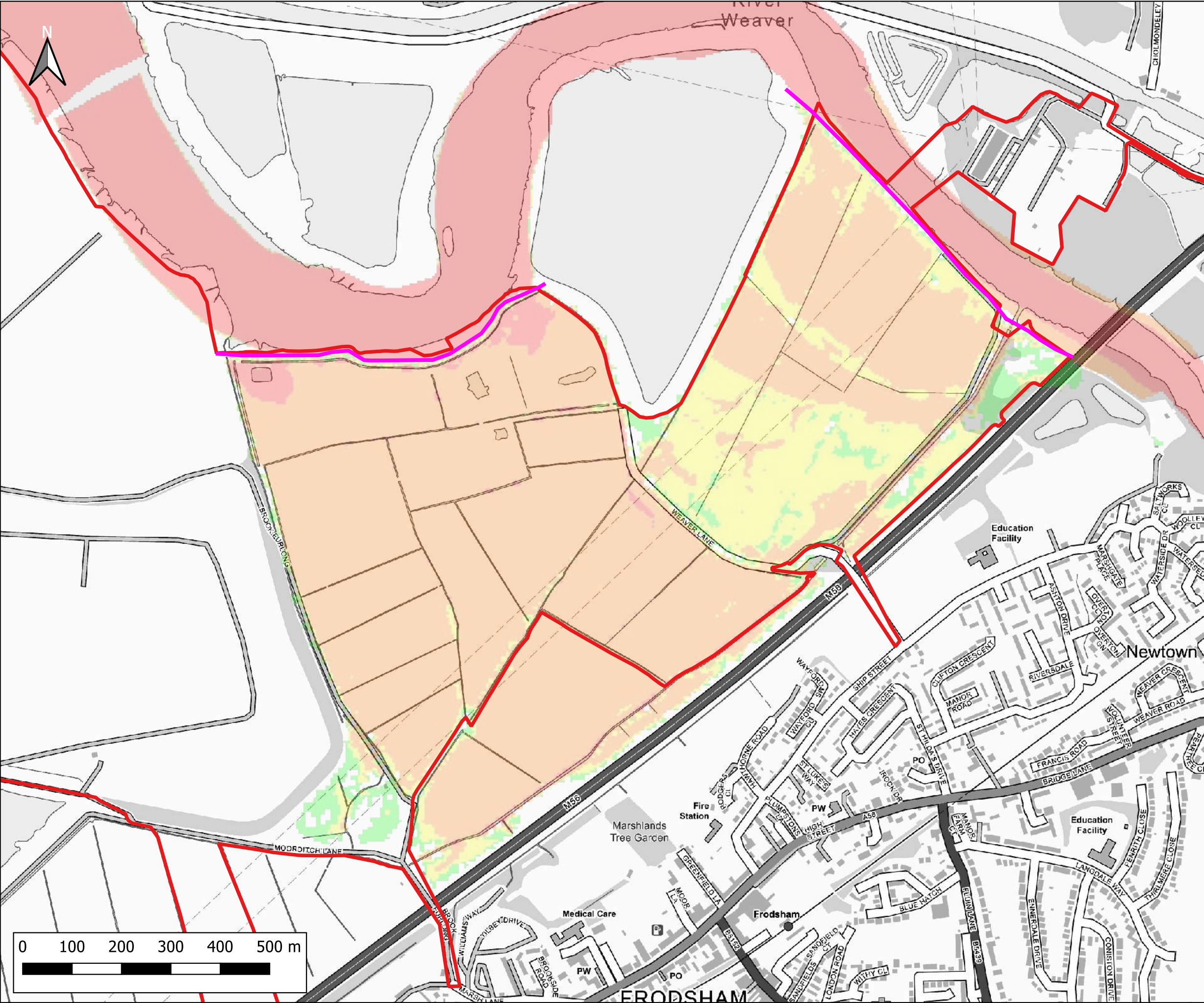
PLOT TITLE:  
River Mersey Maximum Flood Hazard Rating  
0.5% AEP Tidal Event  
H++  
Breach 1 Proposed Development Scenario (DEV)

PLOT STATUS: FINAL DATE: 20-10-2025

DRAWN: MH CHECKED: AP APPROVED: LS PLOT SCALE AT A3: 1:7500

PLOT NAME: 14740\_MERS\_T200HC\_2100H++\_DEV3\_BR1\_020\_ZUK0\_Max REVISION: -





Notes:  
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

**LEGEND**

Site Boundary

River Weaver Flood Defences

Maximum Flood Hazard Rating (FD2320)

Caution

Danger for Some

Danger for Most

Danger for All

CLIENT:

Frodsham Solar Ltd

www.waterco.co.uk

SCHEME:

Frodsham Solar

PLOT TITLE:

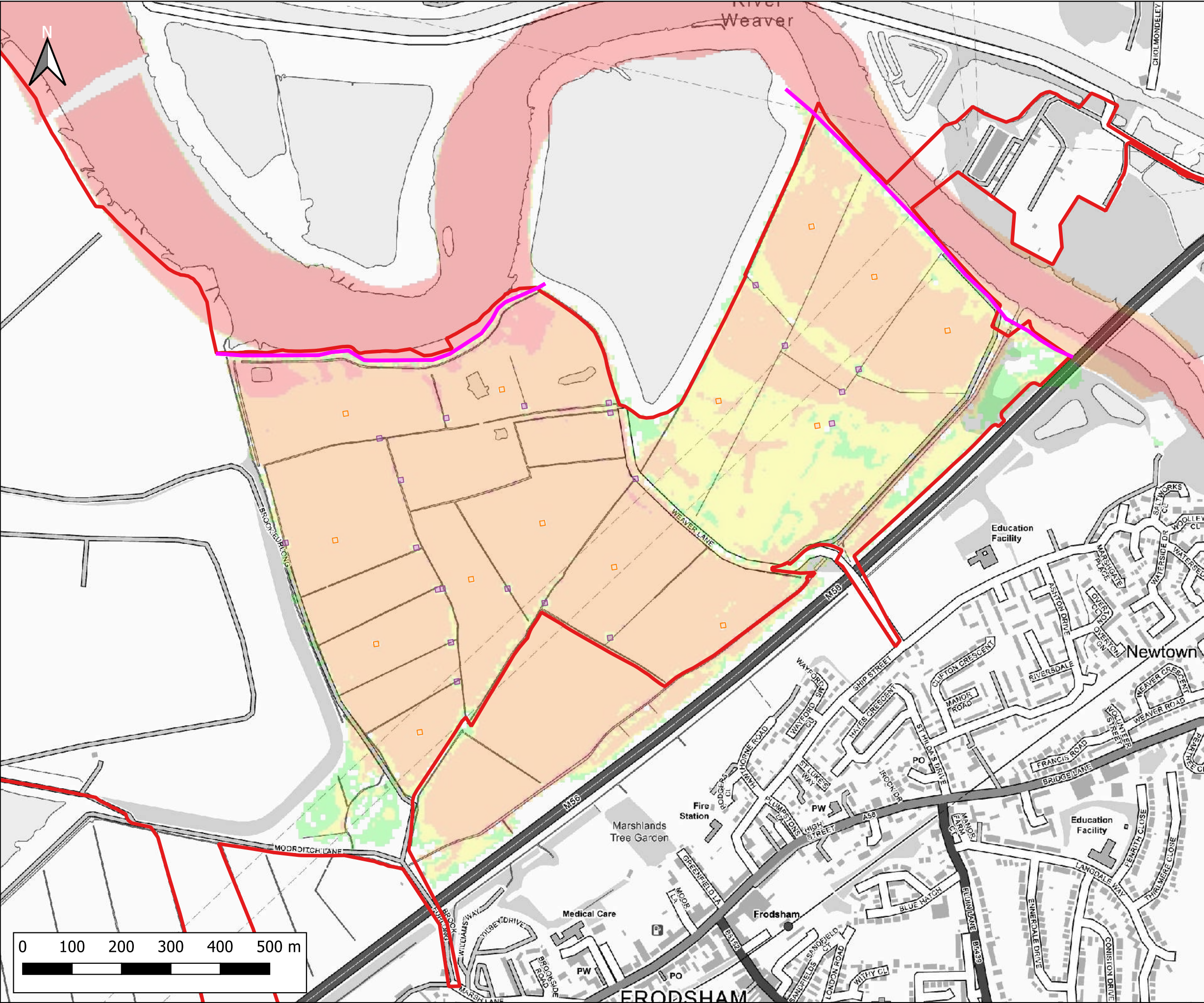
River Mersey Maximum Flood Hazard Rating  
0.1% AEP Tidal Event  
2024 Higher Central  
Breach 1 Existing Scenario (EXG)

PLOT STATUS:			DATE:
FINAL			20-10-2025

DRAWN:	CHECKED:	APPROVED:	PLOT SCALE AT A3:
MH	AP	LS	1:7500

PLOT NAME:	REVISION:
14740_MERS_T1000HC_2024HC_EXG_BR1_020_ZUKO_Max	-





Notes:  
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

**LEGEND**

- Site Boundary
- River Weaver Flood Defences
- Proposed Volume Displacement
- Proposed Crossings

Maximum Flood Hazard Rating (FD2320)

- Caution
- Danger for Some
- Danger for Most
- Danger for All

Weston

3

12

East

FRODSHAM

CLIENT:

Frodsham Solar Ltd

**waterco**

www.waterco.co.uk

SCHEME:

Frodsham Solar

PLOT TITLE:

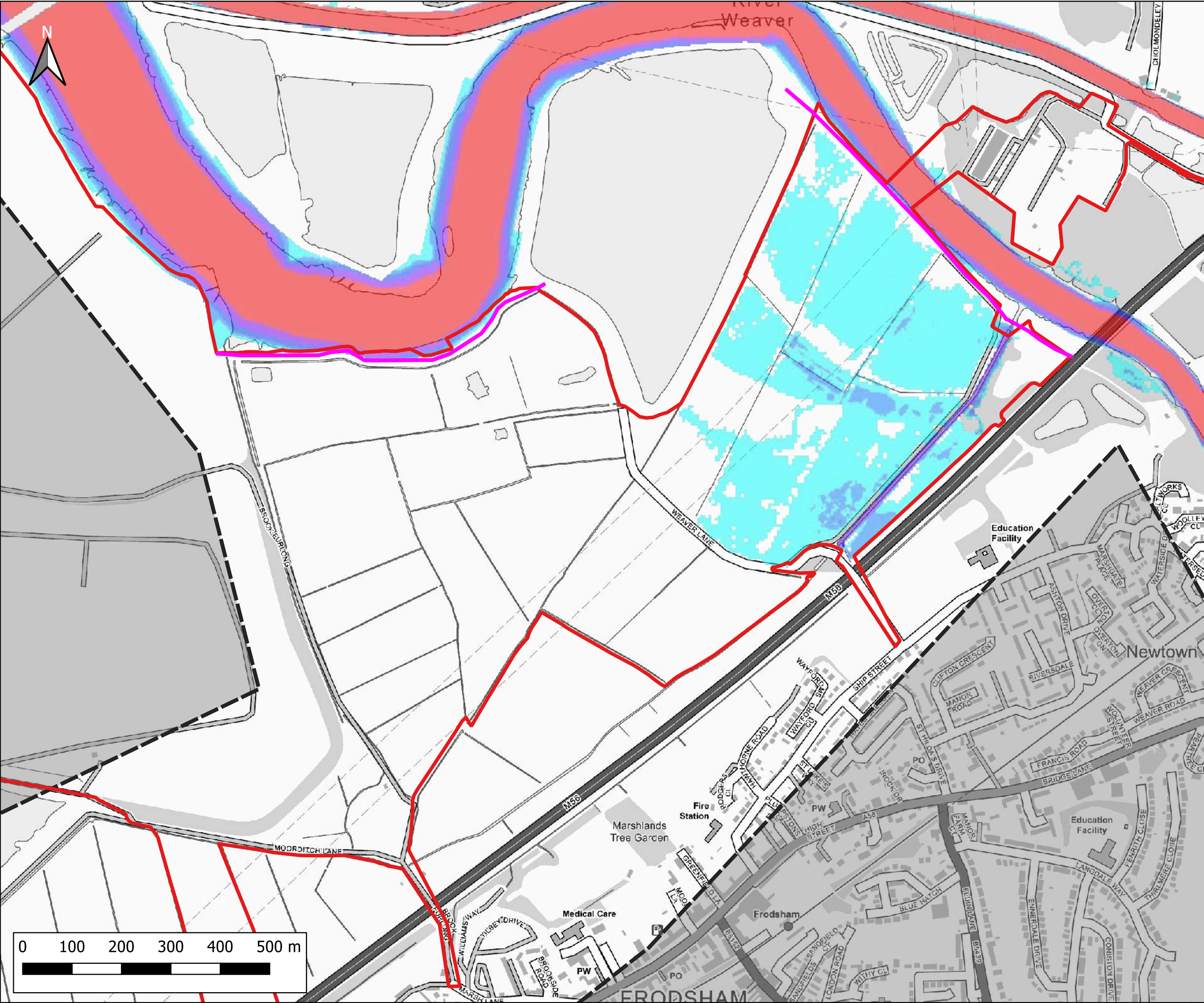
River Mersey Maximum Flood Hazard Rating  
0.1% AEP Tidal Event  
2024 Higher Central  
Breach 1 Proposed Development Scenario (DEV)

PLOT STATUS:		FINAL	DATE:	20-10-2025
DRAWN:	CHECKED:	APPROVED:	PLOT SCALE AT A3:	
MH	AP	LS	1:7500	
PLOT NAME:				REVISION:
14740_MERS_T1000HC_2024HC_DEV3_BR1_020_ZUK0_Max				-



**River Weaver Flood Mapping**





Notes:  
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

**LEGEND**

Site Boundary

2D Model Extent

River Weaver Flood Defences

Maximum Flood Depth

<- 0.3m

0.3m - 0.6m

0.6m - 1.2m

1.2m - 2.4m

> 2.4m

CLIENT:

Frodsham Solar Ltd

www.waterco.co.uk

SCHEME:

Frodsham Solar

PLOT TITLE:

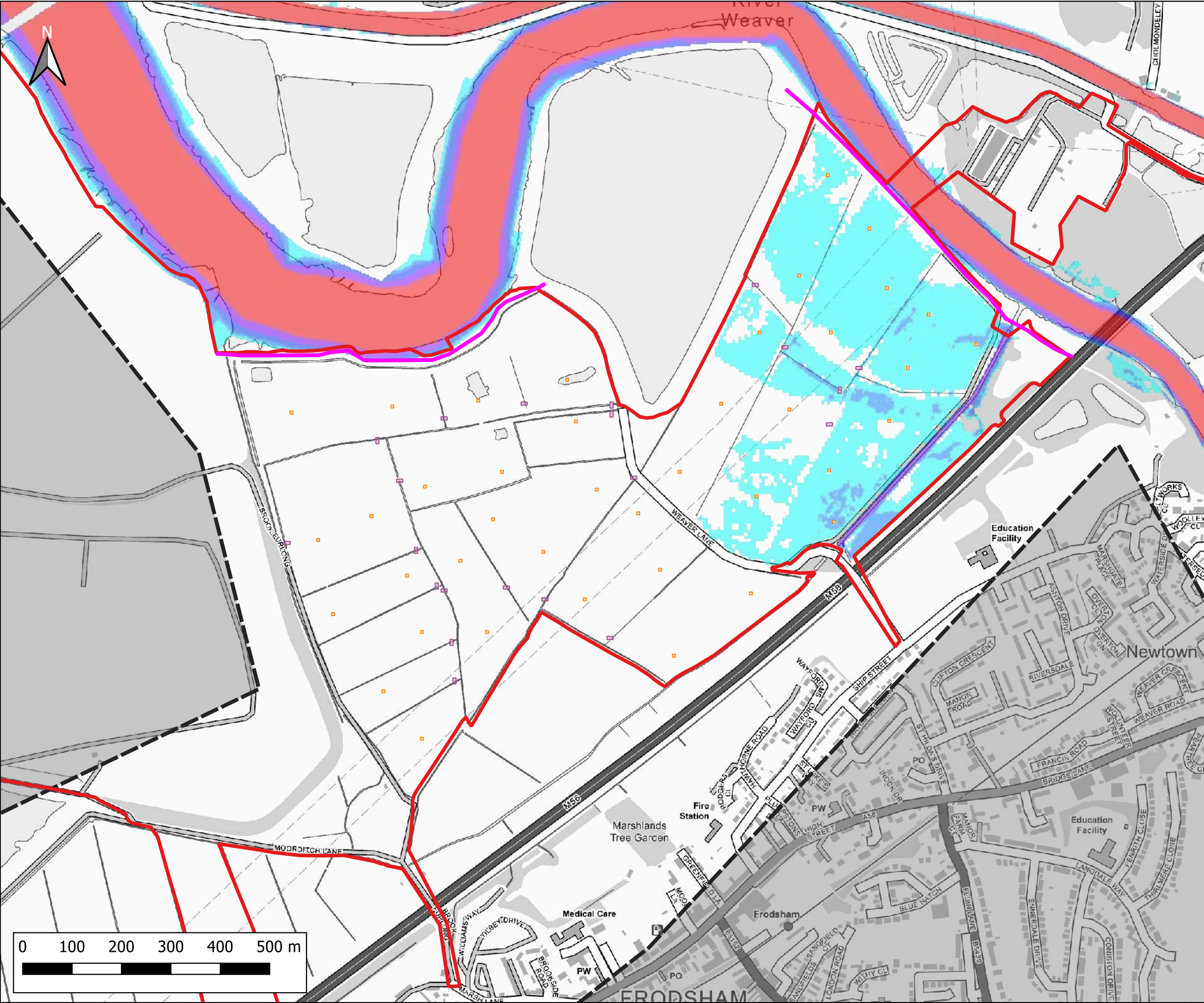
River Weaver Maximum Flood Depth  
1% AEP Fluvial Event  
MWHS Tidal Event  
Defended Existing Scenario (EXG)

PLOT STATUS:			DATE:
FINAL			17-10-2025

DRAWN:	CHECKED:	APPROVED:	PLOT SCALE AT A3:
MH	AP	LS	1:7500

PLOT NAME:	REVISION:
14740_LW_DEF_EXG_Q100_M(LOW)_ME(MHWS)_052_d_Max	-





Notes:  
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

**LEGEND**

- Site Boundary
- 2D Model Extent
- River Weaver Flood Defences
- Proposed Volume Displacement
- Proposed Crossings

Maximum Flood Depth

- < 0.3m
- 0.3m - 0.6m
- 0.6m - 1.2m
- 1.2m - 2.4m
- > 2.4m

CLIENT:

Frodsham Solar Ltd

www.waterco.co.uk

SCHEME:

Frodsham Solar

PLOT TITLE:

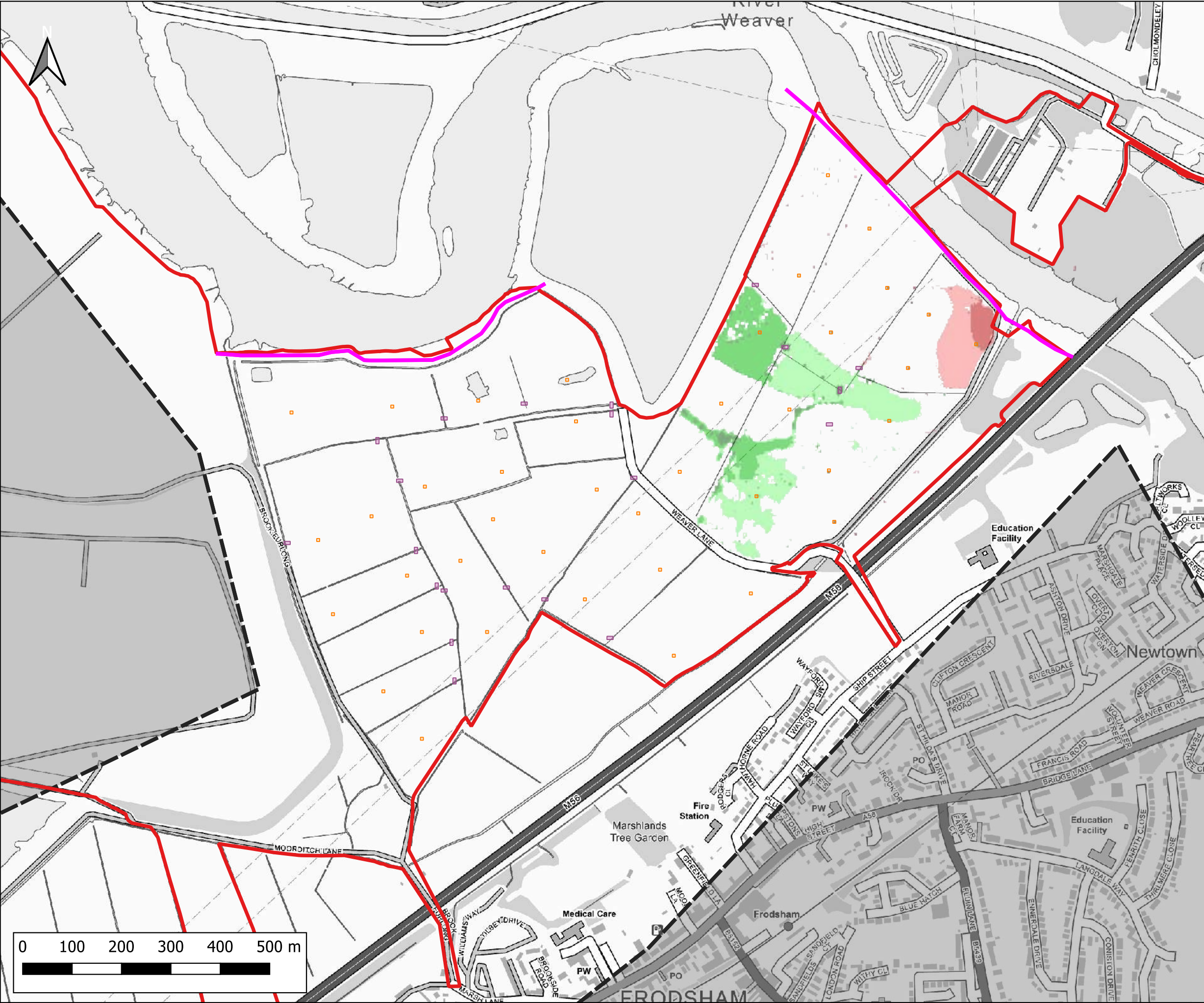
River Weaver Maximum Flood Depth  
1% AEP Fluvial Event  
MWHS Tidal Event  
Defended Proposed Development Scenario (DEV)

PLOT STATUS:		DATE:	
FINAL		17-10-2025	

DRAWN:	CHECKED:	APPROVED:	PLOT SCALE AT A3:
MH	AP	LS	1:7500

PLOT NAME:	REVISION:
14740_LW_DEF_DEV3_Q100_M(LOW)_ME(MHWS)_052_d_Max	-





Notes:  
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

**LEGEND**

- Site Boundary
- 2D Model Extent
- River Weaver Flood Defences
- Proposed Volume Displacement
- Proposed Crossings

Maximum Flood Depth Difference

- > -100mm
- 50mm to -100mm
- 20mm to -50mm
- No Change (+/- 20mm)
- +20mm to +50mm
- +50mm to +100mm
- > +100mm

CLIENT:

Frodsham Solar Ltd

www.waterco.co.uk

SCHEME:

Frodsham Solar

PLOT TITLE:

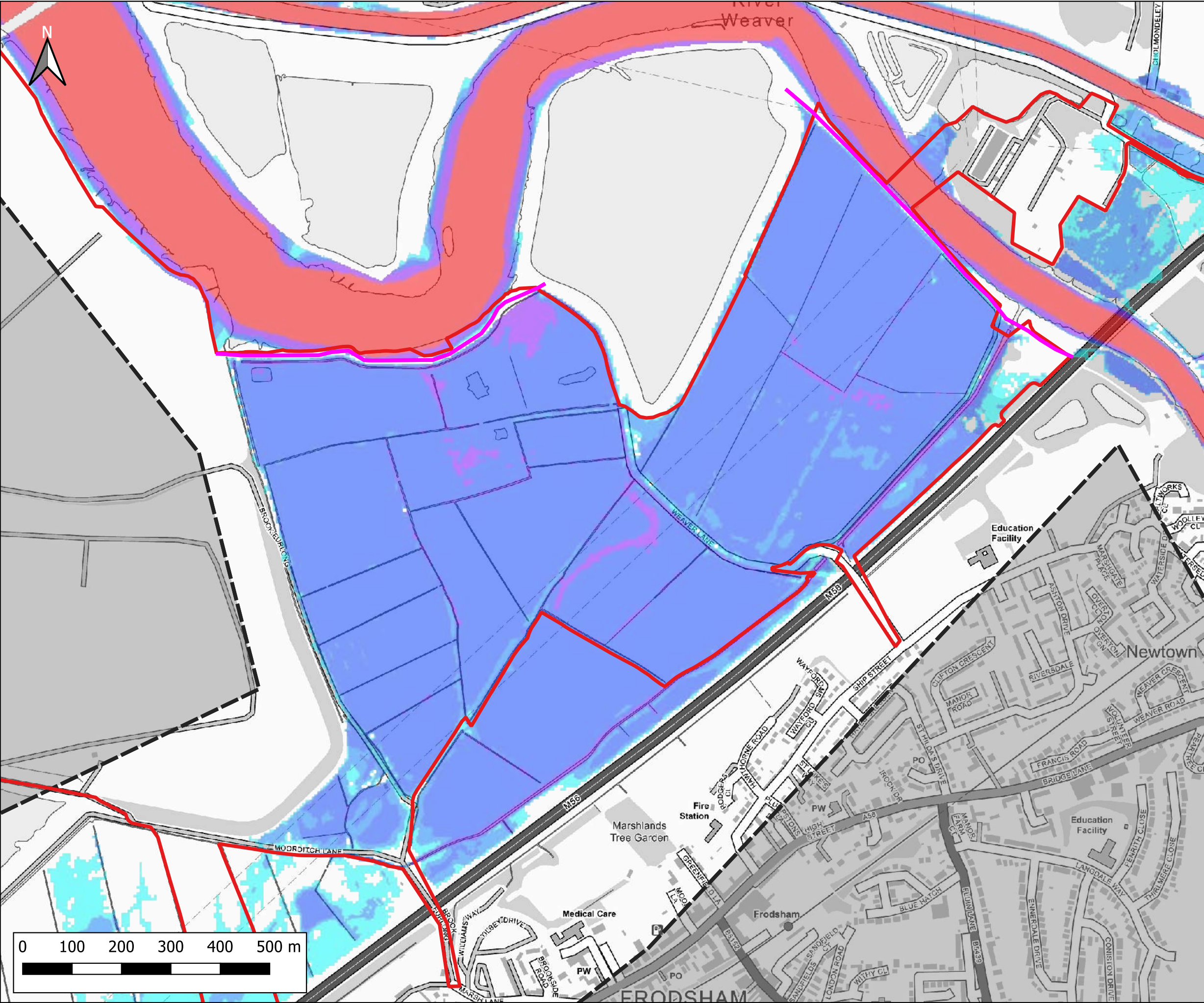
River Weaver Maximum Flood Depth Difference  
1% AEP Fluvial Event  
MWHS Tidal Event  
Defended DEV - EXG

PLOT STATUS:			DATE:
FINAL			17-10-2025

DRAWN:	CHECKED:	APPROVED:	PLOT SCALE AT A3:
MH	AP	LS	1:7500

PLOT NAME:	REVISION:
14740_LW_DEF_DEV3-EXG_Q100_M(LOW)_ME(MHWS)_052_d-Diff	-





Notes:  
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

**LEGEND**

- Site Boundary
- 2D Model Extent
- River Weaver Flood Defences

Maximum Flood Depth

- <- 0.3m
- 0.3m - 0.6m
- 0.6m - 1.2m
- 1.2m - 2.4m
- > 2.4m

CLIENT:

Frodsham Solar Ltd

www.waterco.co.uk

SCHEME:

Frodsham Solar

PLOT TITLE:

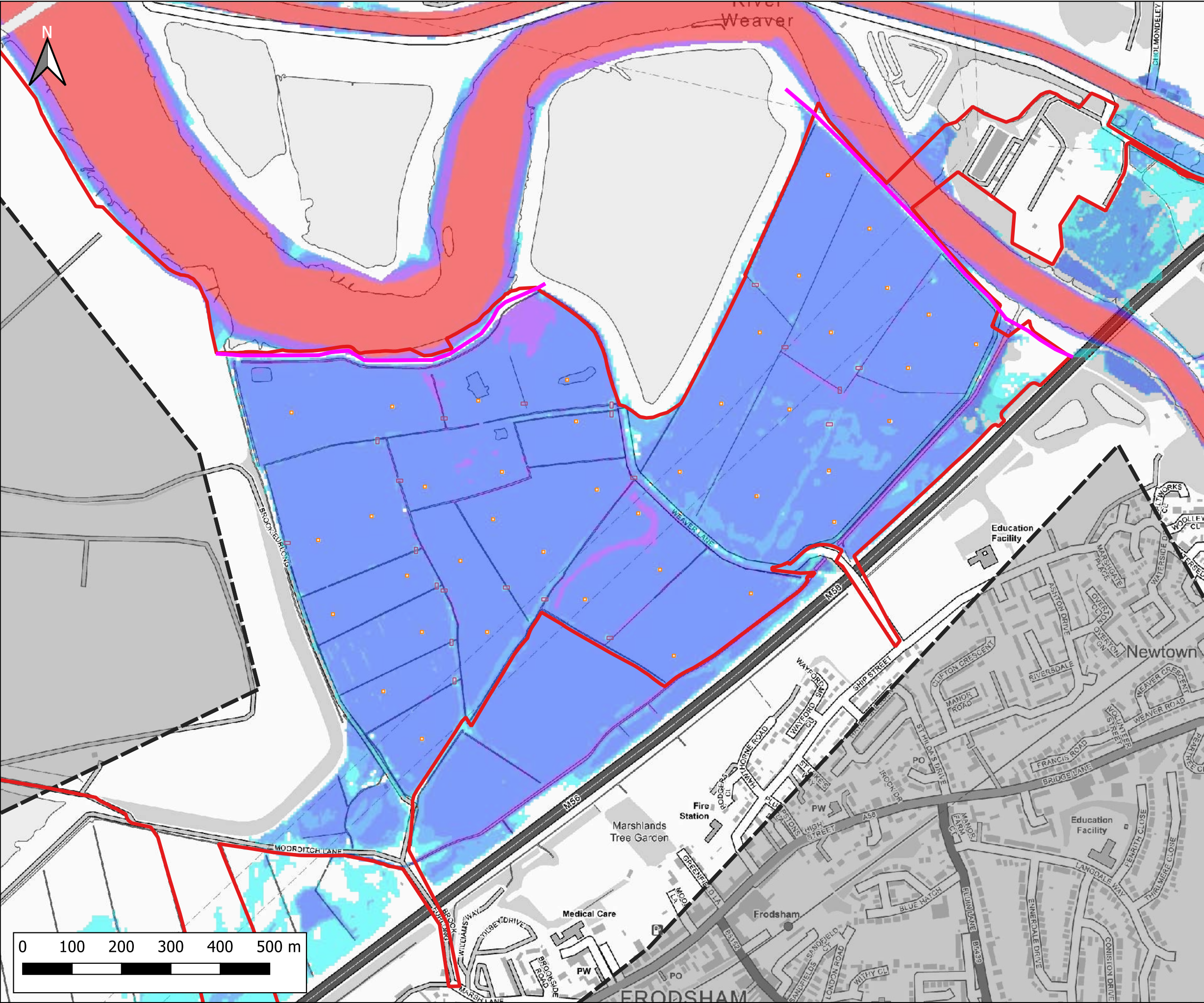
River Weaver Maximum Flood Depth  
1% AEP +67% CC Fluvial Event  
MWHS +CC Tidal Event  
Defended Existing Scenario (EXG)

PLOT STATUS:			DATE:
FINAL			17-10-2025

DRAWN:	CHECKED:	APPROVED:	PLOT SCALE AT A3:
MH	AP	LS	1:7500

PLOT NAME:	REVISION:
14740_LW_DEF_EXG_Q100CC67_M(LOW)_ME(MHWSCC)_052_d_Max	-





Notes:  
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

**LEGEND**

- Site Boundary
- 2D Model Extent
- River Weaver Flood Defences
- Proposed Volume Displacement
- Proposed Crossings

Maximum Flood Depth

- <- 0.3m
- 0.3m - 0.6m
- 0.6m - 1.2m
- 1.2m - 2.4m
- > 2.4m

CLIENT:

Frodsham Solar Ltd

www.waterco.co.uk

SCHEME:

Frodsham Solar

PLOT TITLE:

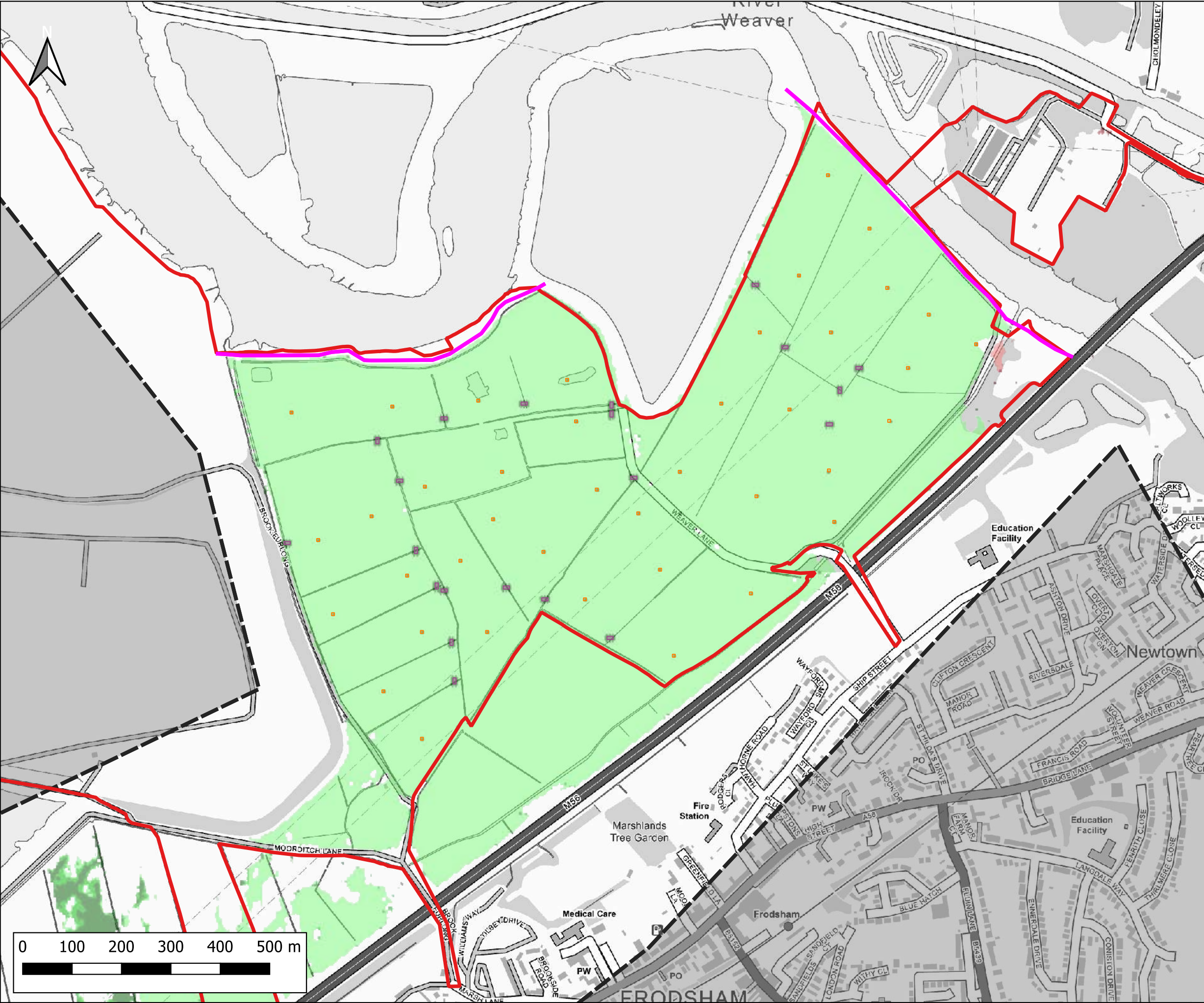
River Weaver Maximum Flood Depth  
1% AEP +67% CC Fluvial Event  
MWHS +CC Tidal Event  
Defended Proposed Development Scenario (DEV)

PLOT STATUS:			DATE:
FINAL			17-10-2025

DRAWN:	CHECKED:	APPROVED:	PLOT SCALE AT A3:
MH	AP	LS	1:7500

PLOT NAME:	REVISION:
14740_LW_DEF_DEV3_Q100CC67_M(LOW)_ME(MHWS)CC_052_d_Max	-





Notes:  
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

**LEGEND**

- Site Boundary
- 2D Model Extent
- River Weaver Flood Defences
- Proposed Volume Displacement
- Proposed Crossings

Maximum Flood Depth Difference

- > -100mm
- 50mm to -100mm
- 20mm to -50mm
- No Change (+/- 20mm)
- +20mm to +50mm
- +50mm to +100mm
- > +100mm

CLIENT:

Frodsham Solar Ltd

www.waterco.co.uk

SCHEME:

Frodsham Solar

PLOT TITLE:

River Weaver Maximum Flood Depth Difference  
1% AEP +67% CC Fluvial Event  
MWHS +CC Tidal Event  
Defended DEV - EXG

PLOT STATUS:		DATE:	
FINAL		17-10-2025	

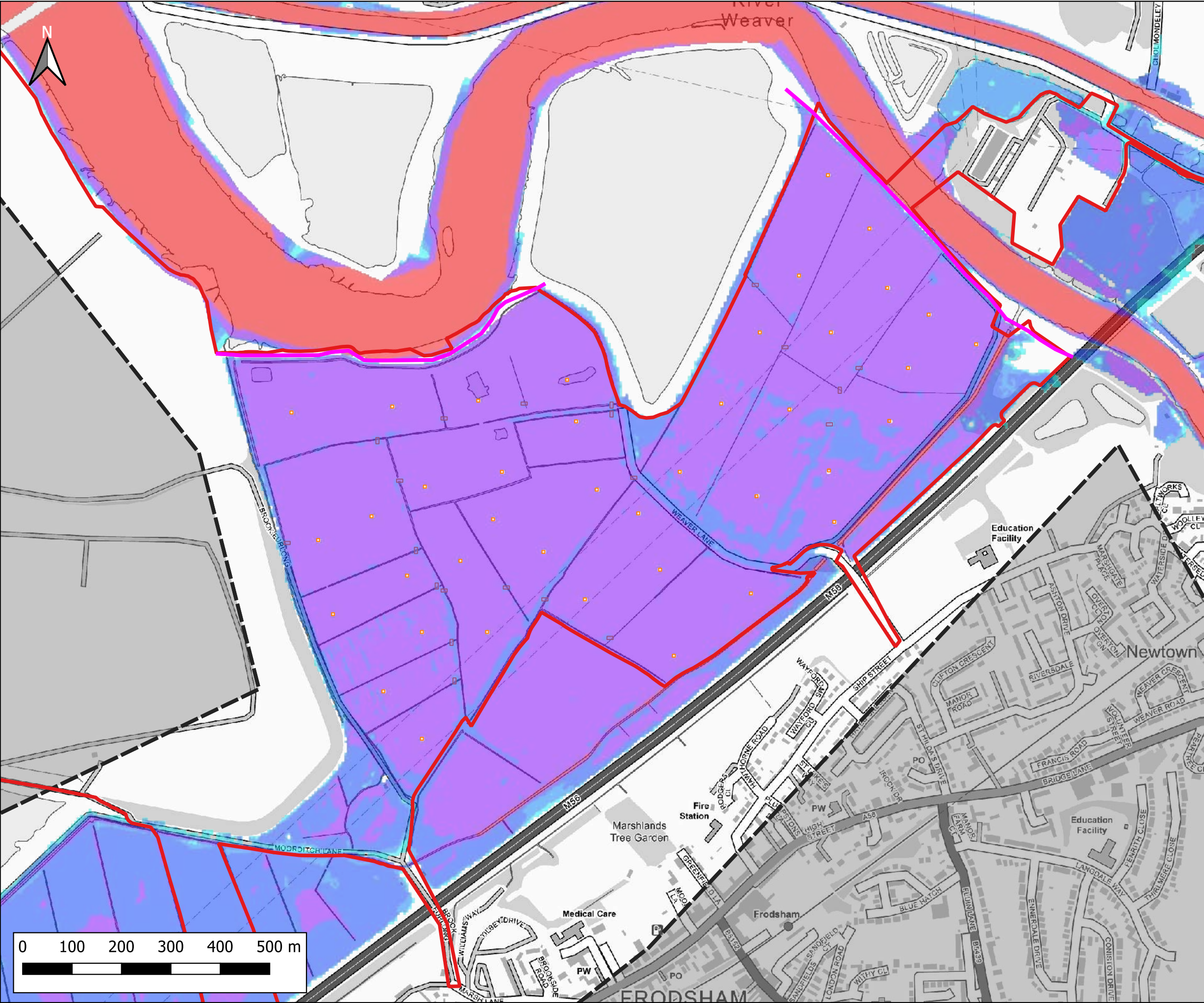
DRAWN:	CHECKED:	APPROVED:	PLOT SCALE AT A3:
MH	AP	LS	1:7500

PLOT NAME:	REVISION:
14740_LW_DEF_DEV3-EXG_Q100CC67_M(LOW)_ME(MHWSCC)_052_d-Diff	-









Notes:  
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

**LEGEND**

- Site Boundary
- 2D Model Extent
- River Weaver Flood Defences
- Proposed Volume Displacement
- Proposed Crossings

Maximum Flood Depth

- <- 0.3m
- 0.3m - 0.6m
- 0.6m - 1.2m
- 1.2m - 2.4m
- > 2.4m

CLIENT:

Frodsham Solar Ltd

www.waterco.co.uk

SCHEME:

Frodsham Solar

PLOT TITLE:

River Weaver Maximum Flood Depth  
1% AEP +67% CC Fluvial Event  
0.5% AEP Tidal Event (2075)  
Defended Proposed Development Scenario (DEV)

PLOT STATUS:		DATE:	
FINAL		17-10-2025	

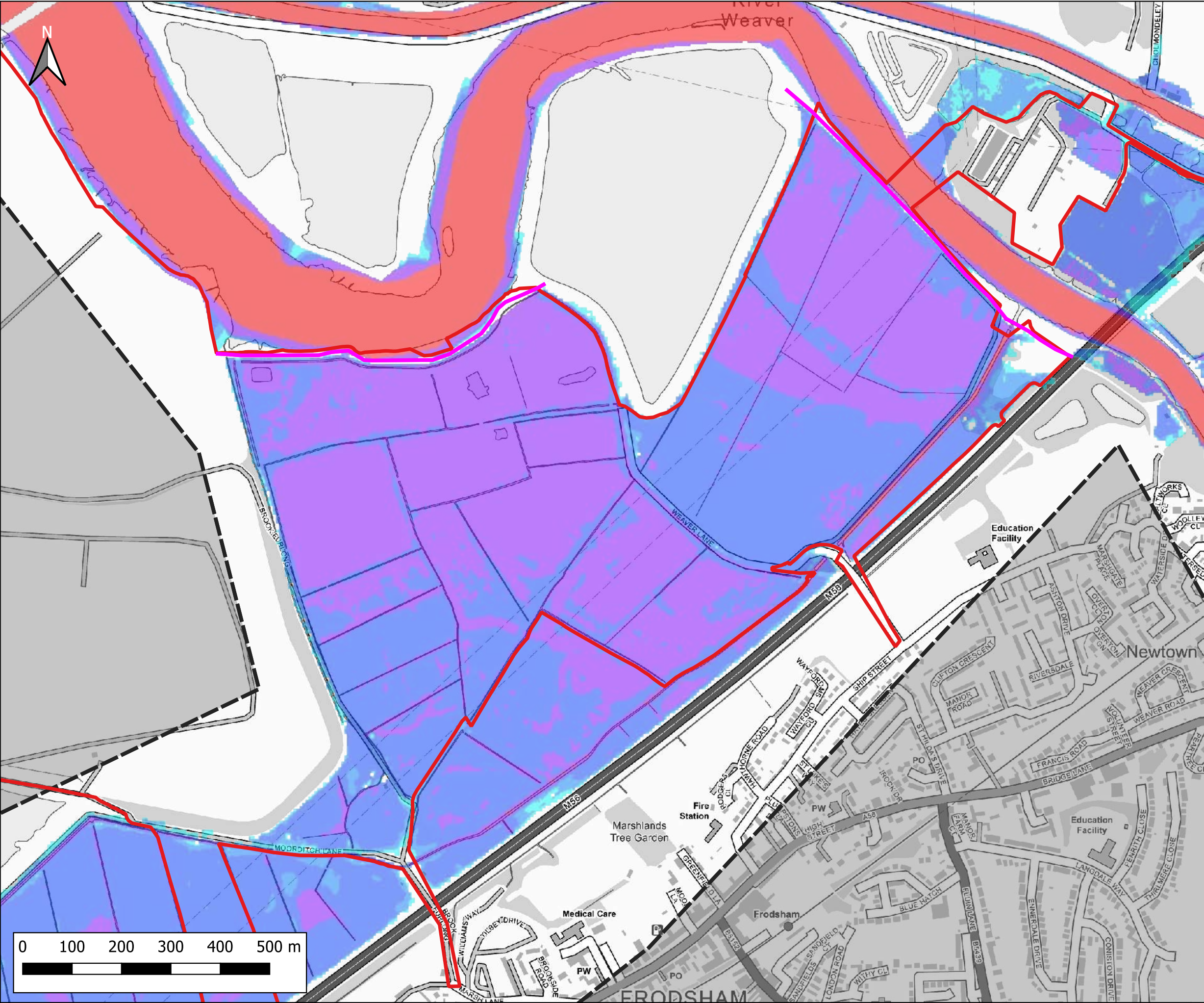
DRAWN:	CHECKED:	APPROVED:	PLOT SCALE AT A3:
MH	AP	LS	1:7500

PLOT NAME:	REVISION:
14740_LW_DEF_DEV3_Q100CC67_M(LOW)_ME(T200HC_2075UE)_052_d_Max	-









Notes:  
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

**LEGEND**

- Site Boundary
- 2D Model Extent
- River Weaver Flood Defences

Maximum Flood Depth

- <- 0.3m
- 0.3m - 0.6m
- 0.6m - 1.2m
- 1.2m - 2.4m
- > 2.4m

CLIENT:

Frodsham Solar Ltd

www.waterco.co.uk

SCHEME:

Frodsham Solar

PLOT TITLE:

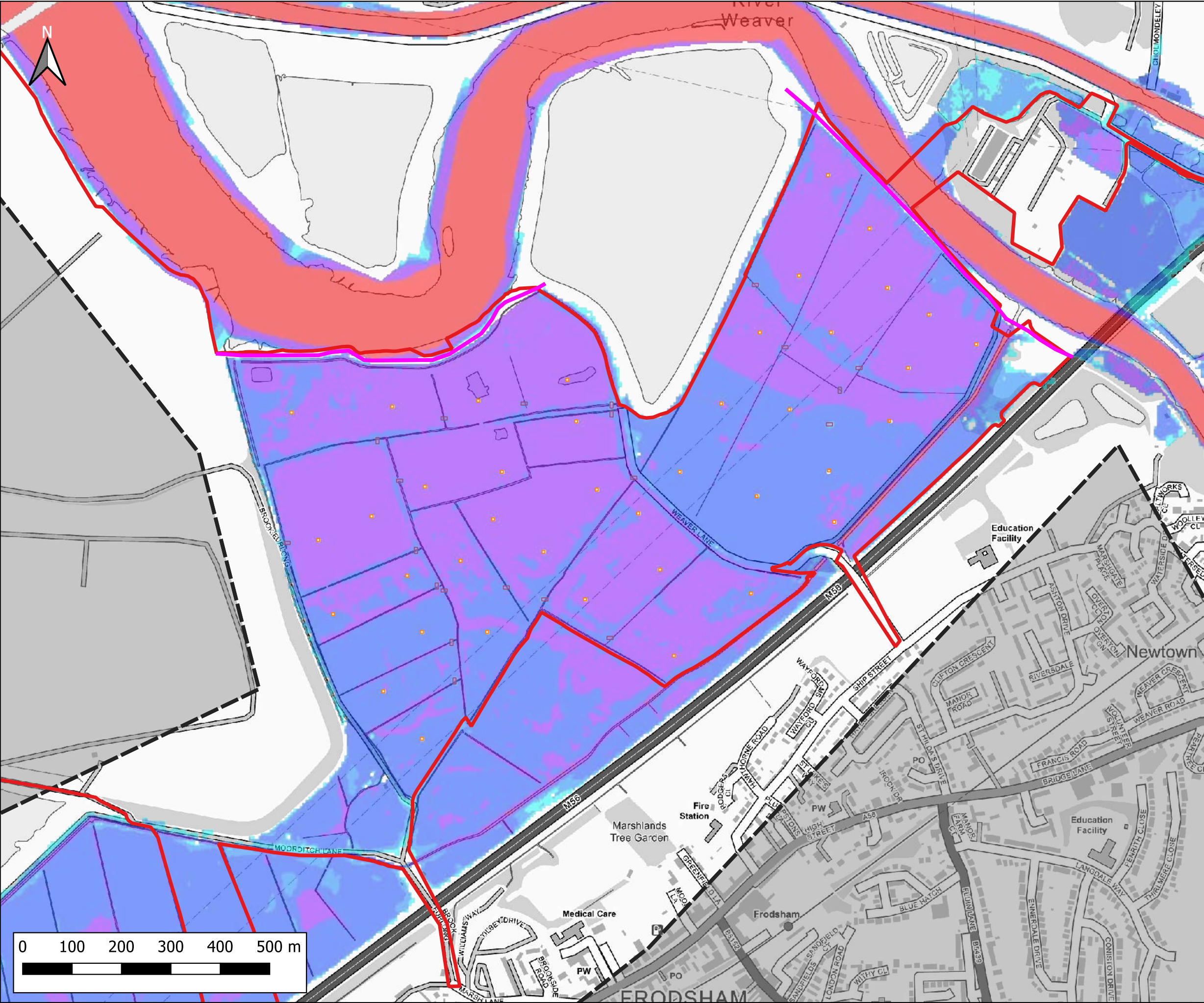
River Weaver Maximum Flood Depth  
1% AEP +106% CC Fluvial Event  
MWHS +CC Tidal Event  
Defended Existing Scenario (EXG)

PLOT STATUS:		DATE:	
FINAL		17-10-2025	

DRAWN:	CHECKED:	APPROVED:	PLOT SCALE AT A3:
MH	AP	LS	1:7500

PLOT NAME:	REVISION:
14740_LIW_DEF_EXG_Q100CC106_M(LOW)_ME(MHWS0C)_052_d_Max	-





Notes:  
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

**LEGEND**

- Site Boundary
- 2D Model Extent
- River Weaver Flood Defences
- Proposed Volume Displacement
- Proposed Crossings

Maximum Flood Depth

- <- 0.3m
- 0.3m - 0.6m
- 0.6m - 1.2m
- 1.2m - 2.4m
- > 2.4m

CLIENT:

Frodsham Solar Ltd

www.waterco.co.uk

SCHEME:

Frodsham Solar

PLOT TITLE:

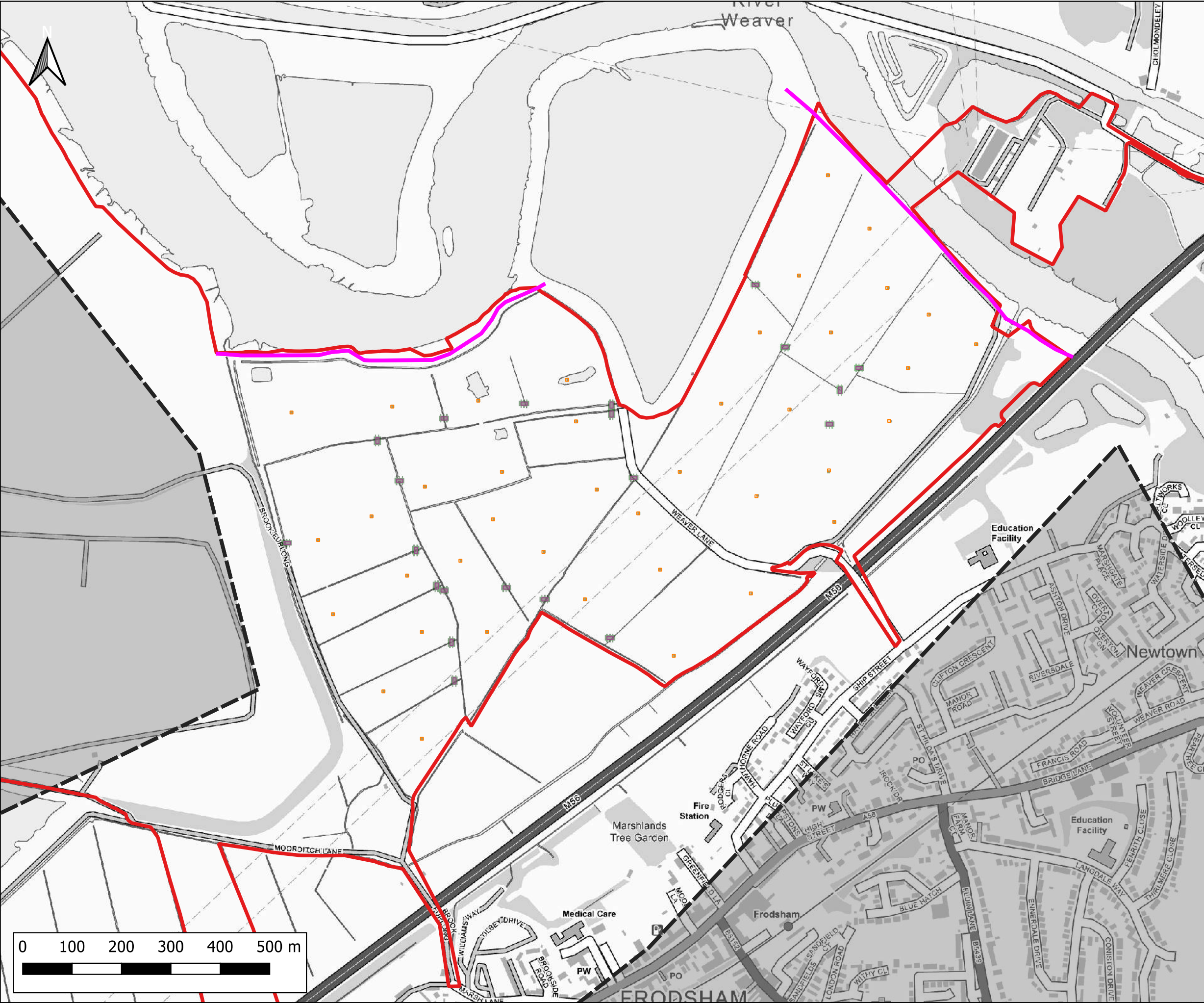
River Weaver Maximum Flood Depth  
1% AEP +106% CC Fluvial Event  
MWHS +CC Tidal Event  
Defended Proposed Development Scenario (DEV)

PLOT STATUS:		DATE:	
FINAL		17-10-2025	

DRAWN:	CHECKED:	APPROVED:	PLOT SCALE AT A3:
MH	AP	LS	1:7500

PLOT NAME:	REVISION:
14740_LW_DEF_DEV3_Q100CC106_M(LOW)_ME(MHWSCC)_052_d_Max	-





Notes:  
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

**LEGEND**

- Site Boundary
- 2D Model Extent
- River Weaver Flood Defences
- Proposed Volume Displacement
- Proposed Crossings

Maximum Flood Depth Difference

- > -100mm
- 50mm to -100mm
- 20mm to -50mm
- No Change (+/- 20mm)
- +20mm to +50mm
- +50mm to +100mm
- > +100mm

CLIENT:

Frodsham Solar Ltd

www.waterco.co.uk

SCHEME:

Frodsham Solar

PLOT TITLE:

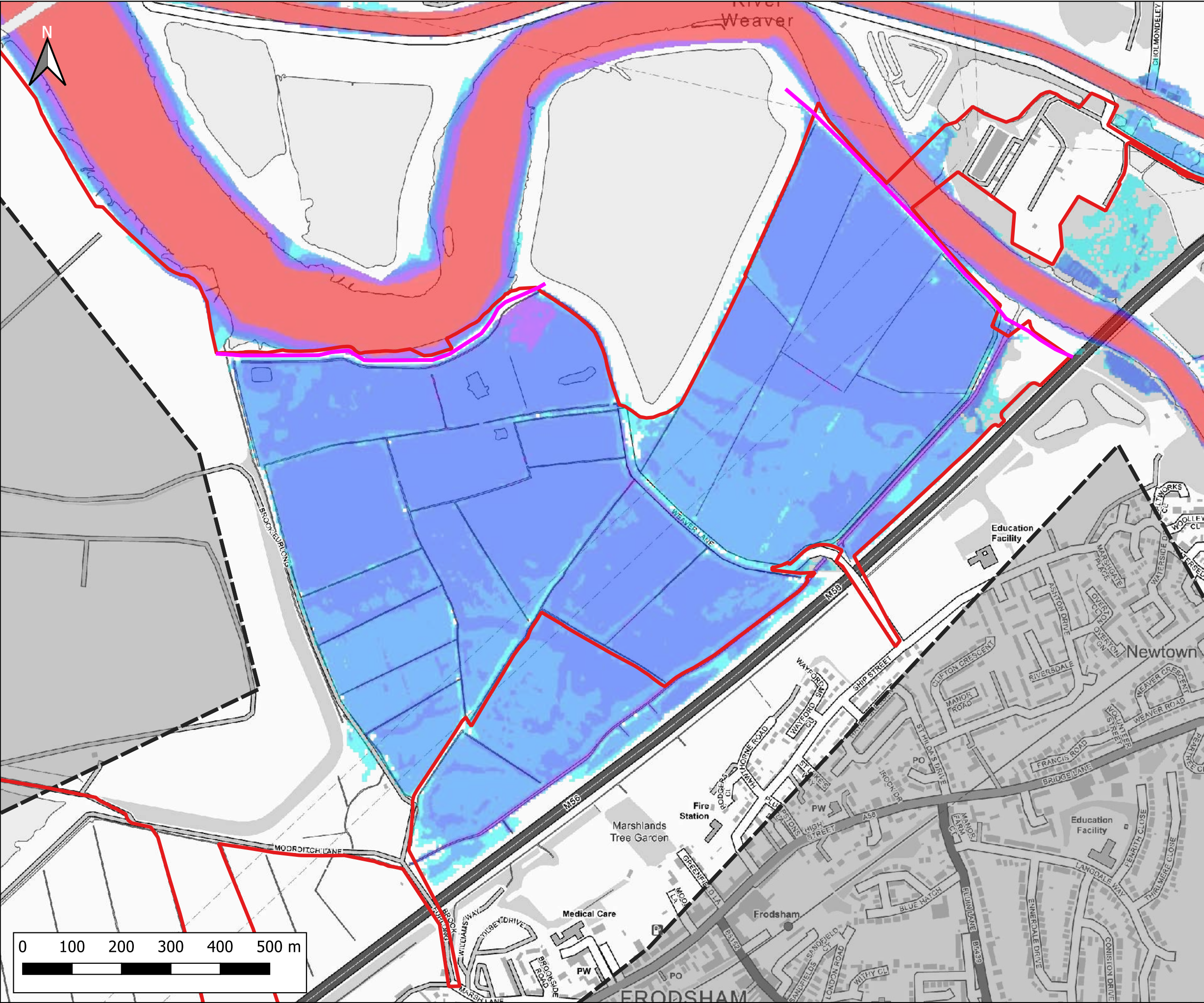
River Weaver Maximum Flood Depth Difference  
1% AEP +106% CC Fluvial Event  
MWHS +CC Tidal Event  
Defended DEV - EXG

PLOT STATUS:			DATE:
FINAL			17-10-2025

DRAWN:	CHECKED:	APPROVED:	PLOT SCALE AT A3:
MH	AP	LS	1:7500

PLOT NAME:	REVISION:
14740_LW_DEF_DEV3-EXG_Q100CC106_M(LOW)_ME(MHWS)CC_052_d-DIFF	-





Notes:  
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

**LEGEND**

- Site Boundary
- 2D Model Extent
- River Weaver Flood Defences

Maximum Flood Depth

- <- 0.3m
- 0.3m - 0.6m
- 0.6m - 1.2m
- 1.2m - 2.4m
- > 2.4m

CLIENT:

Frodsham Solar Ltd

www.waterco.co.uk

SCHEME:

Frodsham Solar

PLOT TITLE:

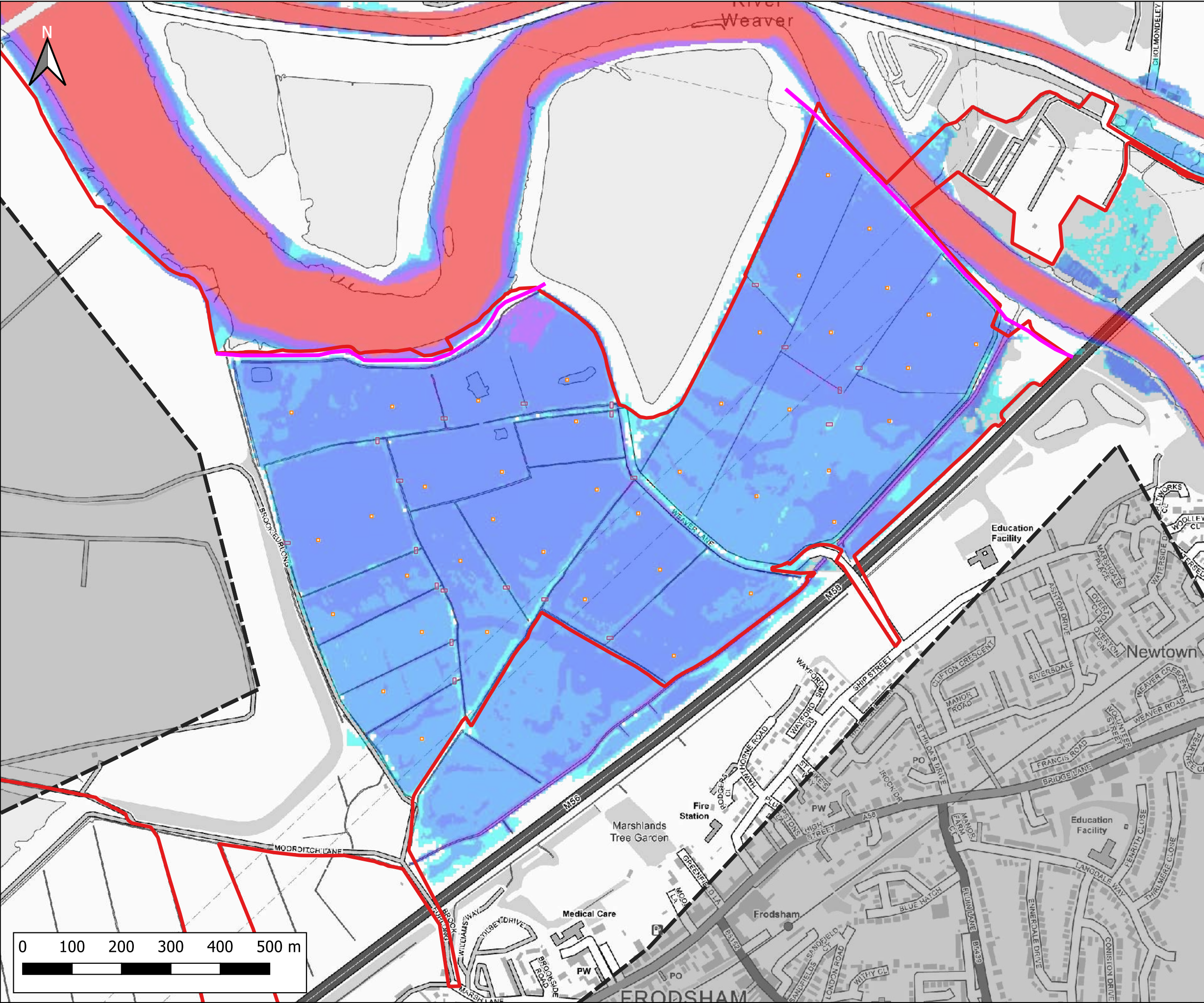
River Weaver Maximum Flood Depth  
0.1% AEP Fluvial Event  
MWHS Tidal Event  
Defended Existing Scenario (EXG)

PLOT STATUS:			DATE:
FINAL			17-10-2025

DRAWN:	CHECKED:	APPROVED:	PLOT SCALE AT A3:
MH	AP	LS	1:7500

PLOT NAME:	REVISION:
14740_LW_DEF_EXG_Q1000_M(LOW)_ME(MHWS)_052_d_Max	-





Notes:  
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

**LEGEND**

- Site Boundary
- 2D Model Extent
- River Weaver Flood Defences
- Proposed Volume Displacement
- Proposed Crossings

Maximum Flood Depth

- < 0.3m
- 0.3m - 0.6m
- 0.6m - 1.2m
- 1.2m - 2.4m
- > 2.4m

CLIENT:

Frodsham Solar Ltd

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SCHEME:

Frodsham Solar

PLOT TITLE:

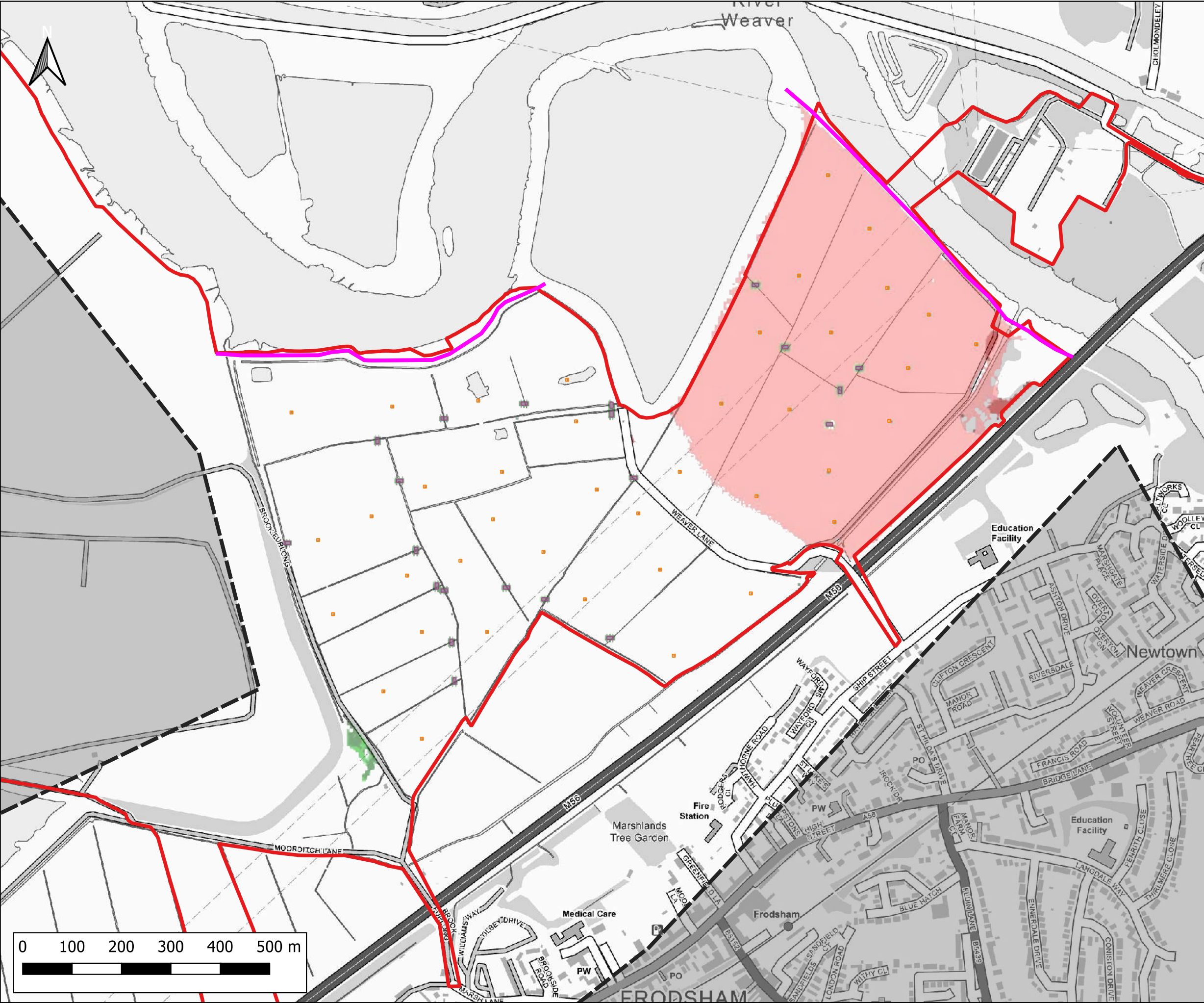
River Weaver Maximum Flood Depth  
0.1% AEP Fluvial Event  
MWHS Tidal Event  
Defended Proposed Development Scenario (DEV)

PLOT STATUS:			DATE:
FINAL			17-10-2025

DRAWN:	CHECKED:	APPROVED:	PLOT SCALE AT A3:
MH	AP	LS	1:7500

PLOT NAME:	REVISION:
14740_LIW_DEF_DEV3_Q1000_M(LOW)_ME(MHWS)_052_d_Max	-





Notes:  
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

**LEGEND**

- Site Boundary
- 2D Model Extent
- River Weaver Flood Defences
- Proposed Volume Displacement
- Proposed Crossings

Maximum Flood Depth Difference

- > -100mm
- 50mm to -100mm
- 20mm to -50mm
- No Change (+/- 20mm)
- +20mm to +50mm
- +50mm to +100mm
- > +100mm

CLIENT:

Frodsham Solar Ltd

www.waterco.co.uk

SCHEME:

Frodsham Solar

PLOT TITLE:

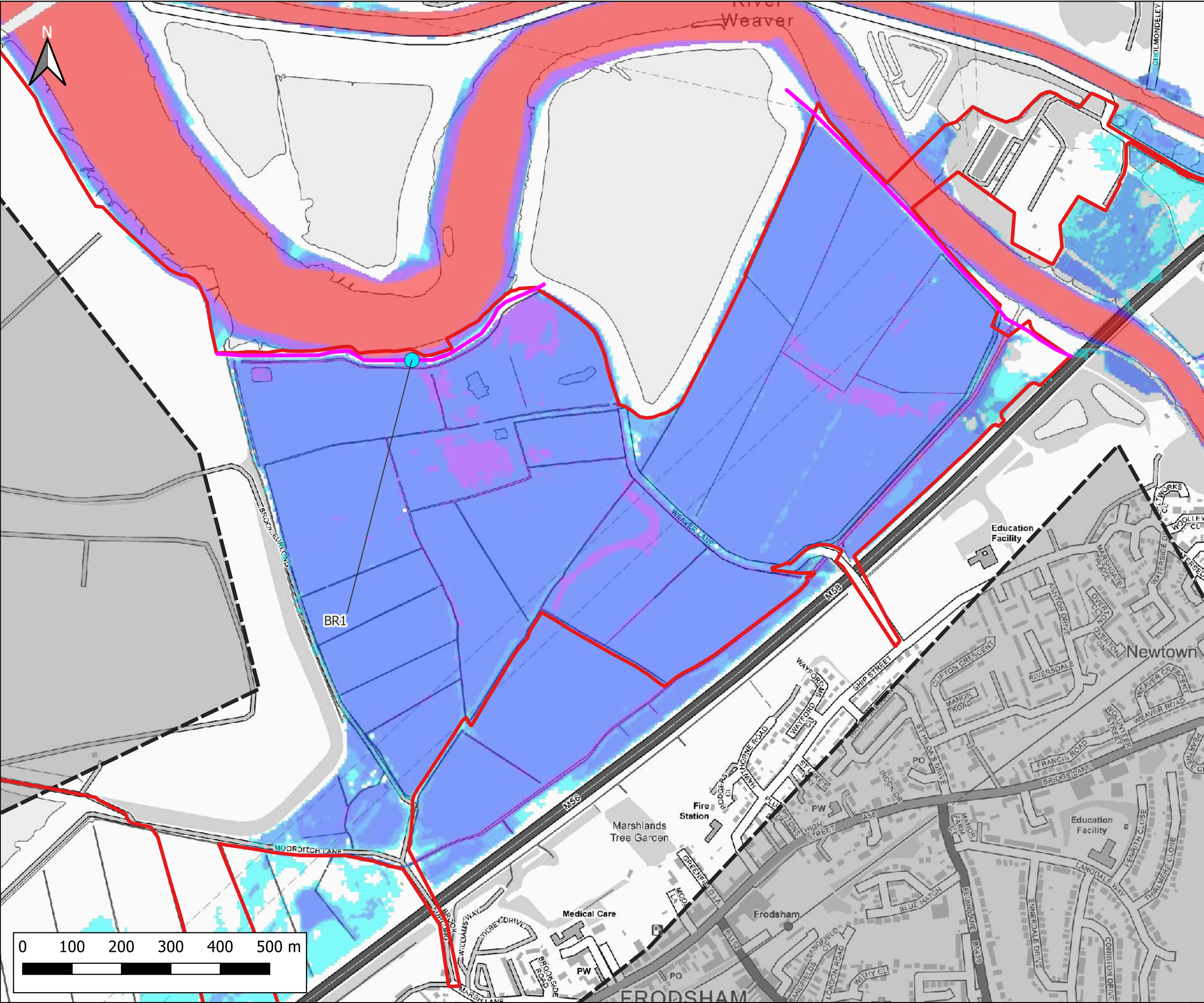
River Weaver Maximum Flood Depth Difference  
0.1% AEP Fluvial Event  
MWHS Tidal Event  
Defended DEV - EXG

PLOT STATUS:		DATE:	
FINAL		17-10-2025	

DRAWN:	CHECKED:	APPROVED:	PLOT SCALE AT A3:
MH	AP	LS	1:7500

PLOT NAME:	REVISION:
14740_LW_DEF_DEV3-EXG_Q1000_M(LOW)_ME(MHWS)_052_d-Def	-





Notes:  
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

**LEGEND**

- Site Boundary
- 2D Model Extent
- River Weaver Flood Defences
- Breach 1 Location (BR1)

Maximum Flood Depth

- < 0.3m
- 0.3m - 0.6m
- 0.6m - 1.2m
- 1.2m - 2.4m
- > 2.4m

Weston  
3  
12  
River Weaver  
East  
FRODSHAM

CLIENT:

Frodsham Solar Ltd

**waterco**  
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SCHEME:

Frodsham Solar

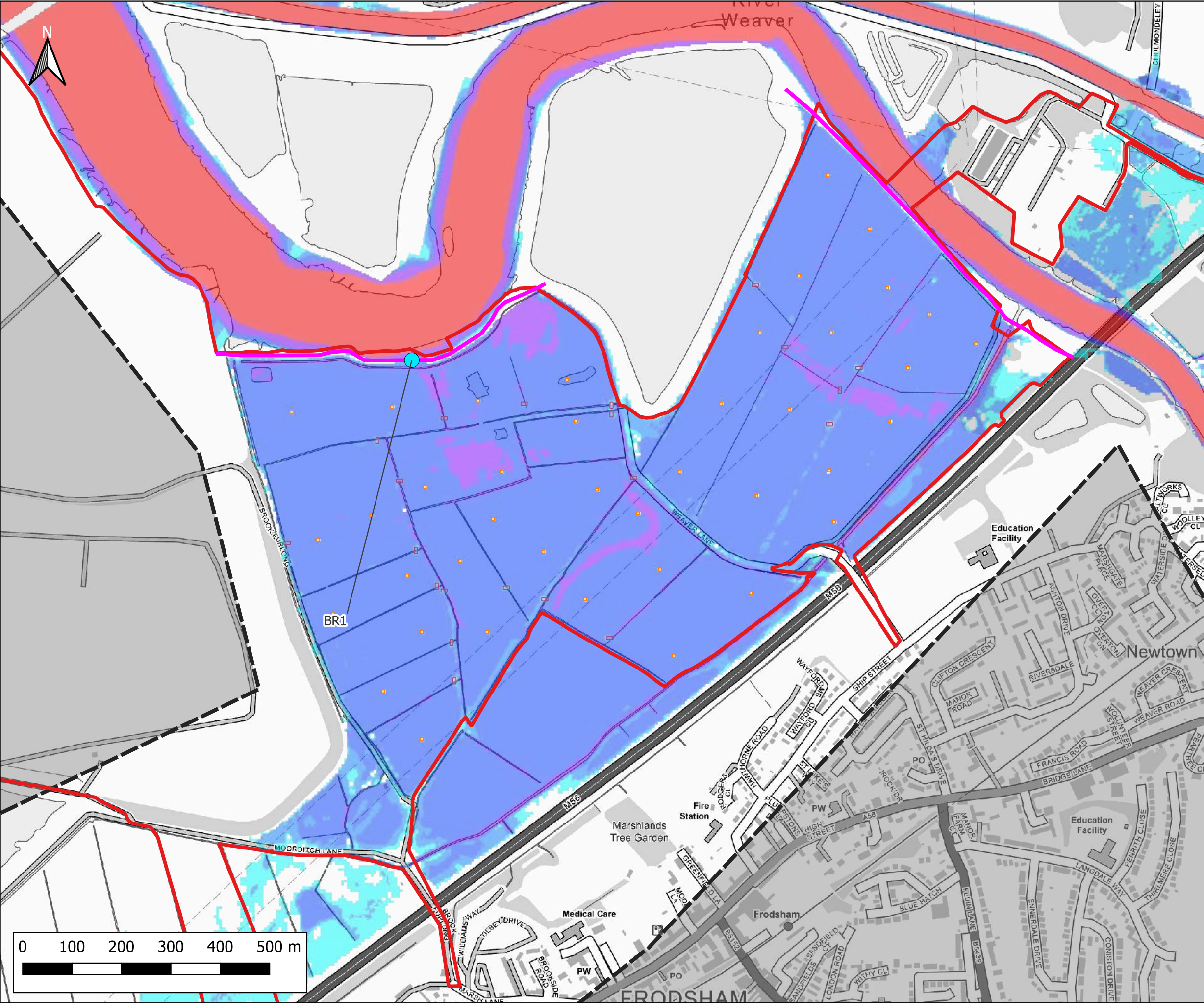
PLOT TITLE:  
River Weaver Maximum Flood Depth  
1% AEP +67% CC Fluvial Event  
MWHS +CC Tidal Event  
Breach 1 Existing Scenario (EXG)

PLOT STATUS: FINAL DATE: 17-10-2025

DRAWN: MH CHECKED: AP APPROVED: LS PLOT SCALE AT A3: 1:7500

PLOT NAME: 14740\_LW\_BR1\_EXG\_Q100CC67\_M(LOW)\_ME(MHWSCC)\_052\_d\_Max REVISION: -





Notes:  
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

**LEGEND**

- Site Boundary
- 2D Model Extent
- River Weaver Flood Defences
- Proposed Volume Displacement
- Proposed Crossings
- Breach 1 Location (BR1)

Maximum Flood Depth

- <- 0.3m
- 0.3m - 0.6m
- 0.6m - 1.2m
- 1.2m - 2.4m
- > 2.4m

CLIENT:

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SCHEME:

Frodsham Solar

PLOT TITLE:

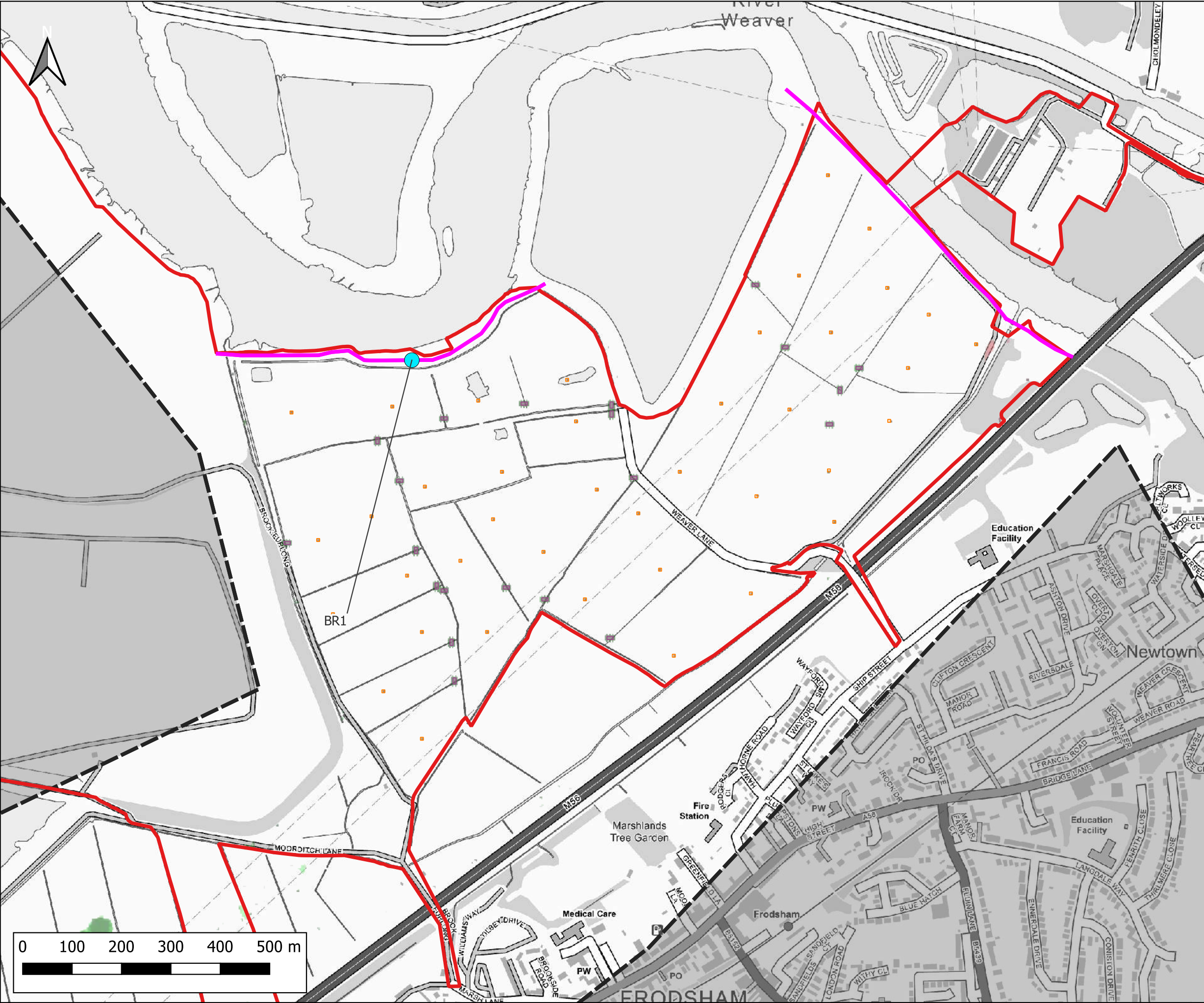
River Weaver Maximum Flood Depth  
1% AEP +67% CC Fluvial Event  
MWHS +CC Tidal Event  
Breach 1 Proposed Development Scenario (DEV)

PLOT STATUS:		DATE:	
FINAL		17-10-2025	

DRAWN:	CHECKED:	APPROVED:	PLOT SCALE AT A3:
MH	AP	LS	1:7500

PLOT NAME:	REVISION:
14740_LW_BR1_DEV3_Q100CC67_M(LOW)_ME(MHWS)CC_052_d_Max	-





Notes:  
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

**LEGEND**

- Site Boundary
- 2D Model Extent
- River Weaver Flood Defences
- Proposed Volume Displacement
- Proposed Crossings
- Breach 1 Location (BR1)

Maximum Flood Depth Difference

- > -100mm
- 50mm to -100mm
- 20mm to -50mm
- No Change (+/- 20mm)
- +20mm to +50mm
- +50mm to +100mm
- > +100mm

CLIENT:

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SCHEME:

Frodsham Solar

PLOT TITLE:

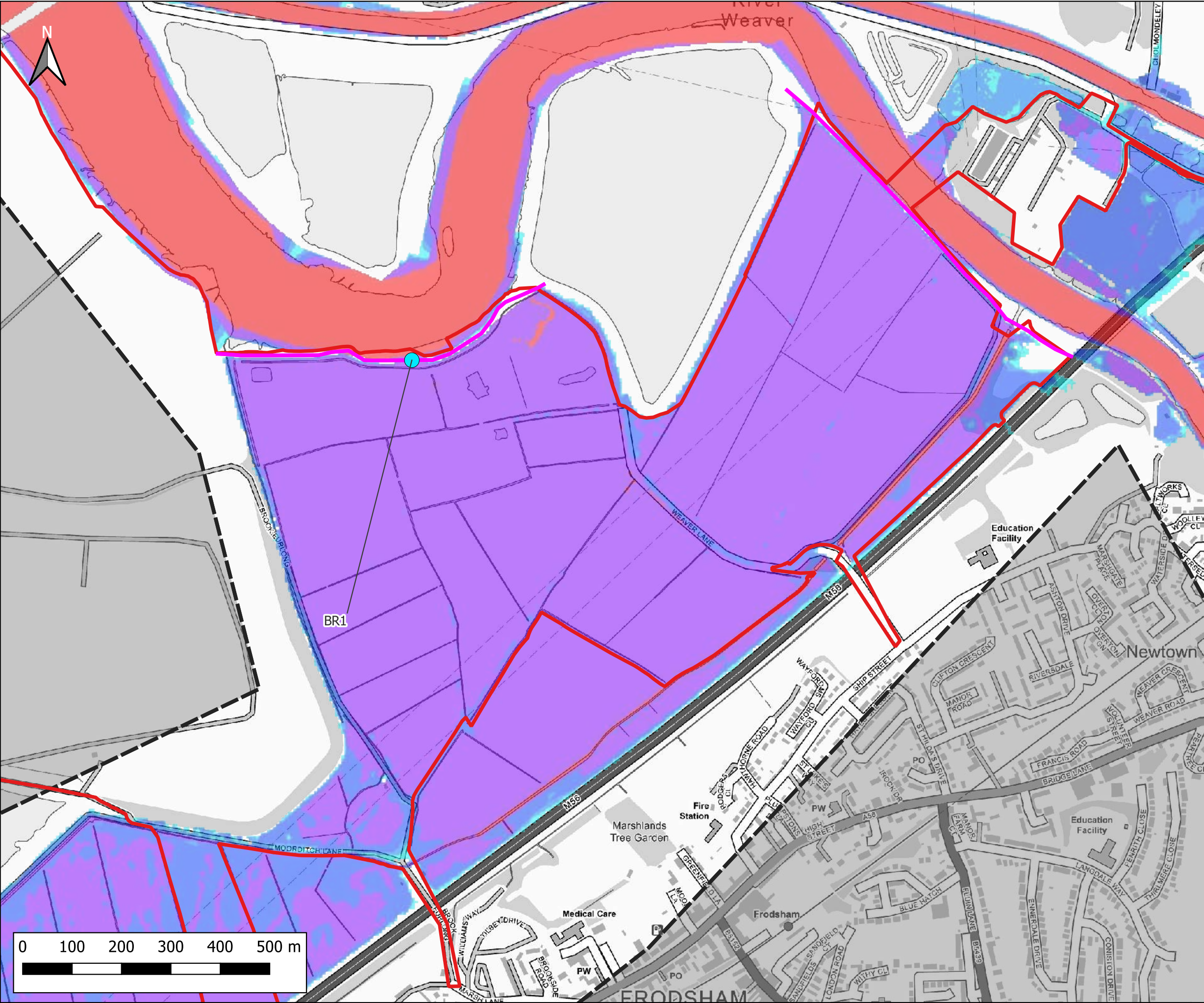
River Weaver Maximum Flood Depth Difference  
1% AEP +67% CC Fluvial Event  
MWHS +CC Tidal Event  
Breach 1 DEV - EXG

PLOT STATUS:		DATE:	
FINAL		17-10-2025	

DRAWN:	CHECKED:	APPROVED:	PLOT SCALE AT A3:
MH	AP	LS	1:7500

PLOT NAME:	REVISION:
14740_LW_BR1_DEV3-EXG_Q100CC67_M(LOW)_ME(MHWSCC)_052_d-Diff	-





Notes:  
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

**LEGEND**

- Site Boundary
- 2D Model Extent
- River Weaver Flood Defences
- Breach 1 Location (BR1)

Maximum Flood Depth

- <- 0.3m
- 0.3m - 0.6m
- 0.6m - 1.2m
- 1.2m - 2.4m
- > 2.4m

CLIENT:

Frodsham Solar Ltd

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SCHEME:

Frodsham Solar

PLOT TITLE:

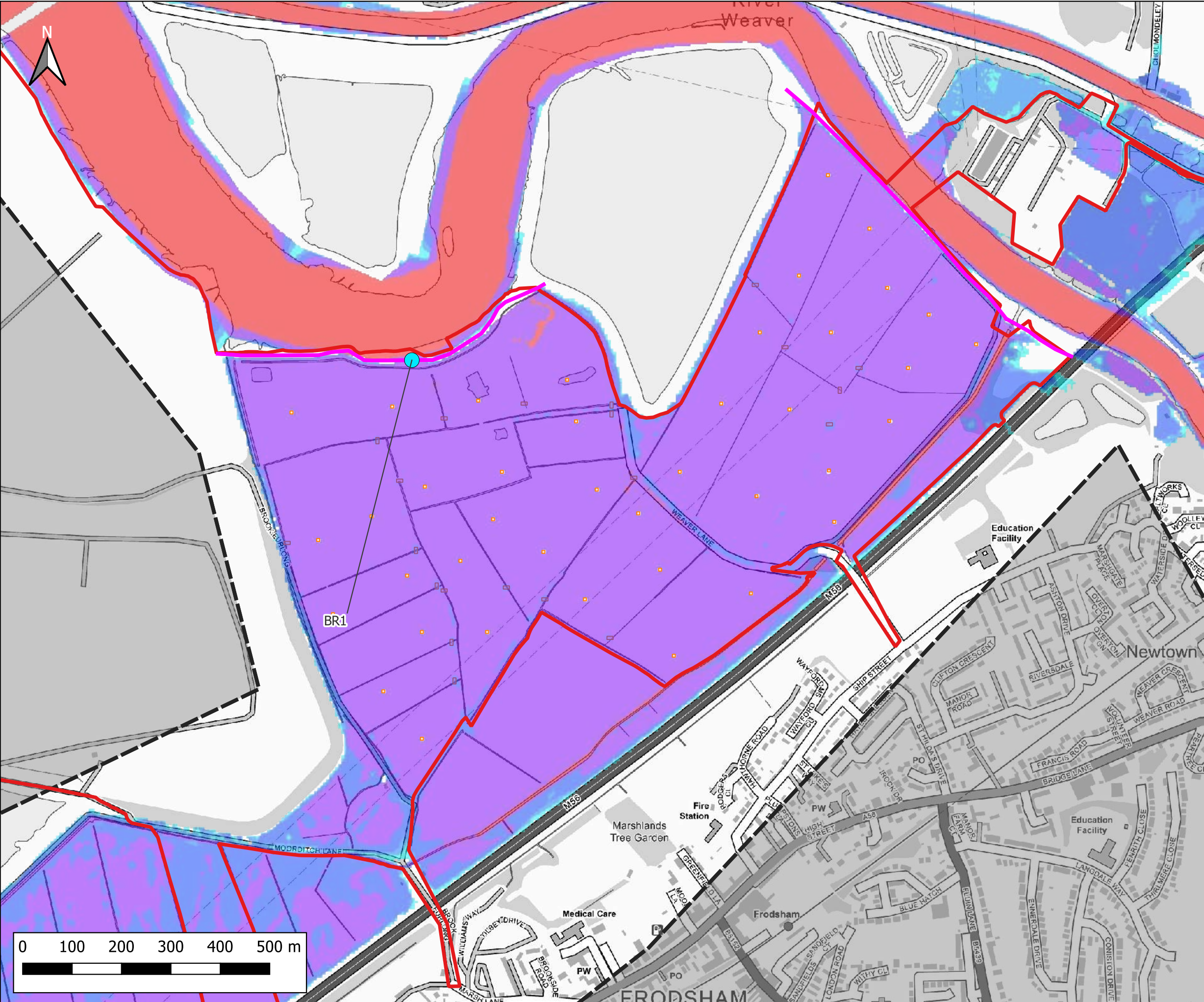
River Weaver Maximum Flood Depth  
1% AEP +67% CC Fluvial Event  
0.5% AEP Tidal Event (2075)  
Breach 1 Existing Scenario (EXG)

PLOT STATUS:			DATE:
FINAL			17-10-2025

DRAWN:	CHECKED:	APPROVED:	PLOT SCALE AT A3:
MH	AP	LS	1:7500

PLOT NAME:	REVISION:
14740_LW_BR1_EXG_Q100CC67_M(LOW)_ME(T200HC_2075UE)_052_d_Max	-





Notes:  
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

**LEGEND**

- Site Boundary
- 2D Model Extent
- River Weaver Flood Defences
- Proposed Volume Displacement
- Proposed Crossings
- Breach 1 Location (BR1)

Maximum Flood Depth

- <- 0.3m
- 0.3m - 0.6m
- 0.6m - 1.2m
- 1.2m - 2.4m
- > 2.4m

CLIENT:

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**waterco**  
www.waterco.co.uk

SCHEME:

Frodsham Solar

PLOT TITLE:

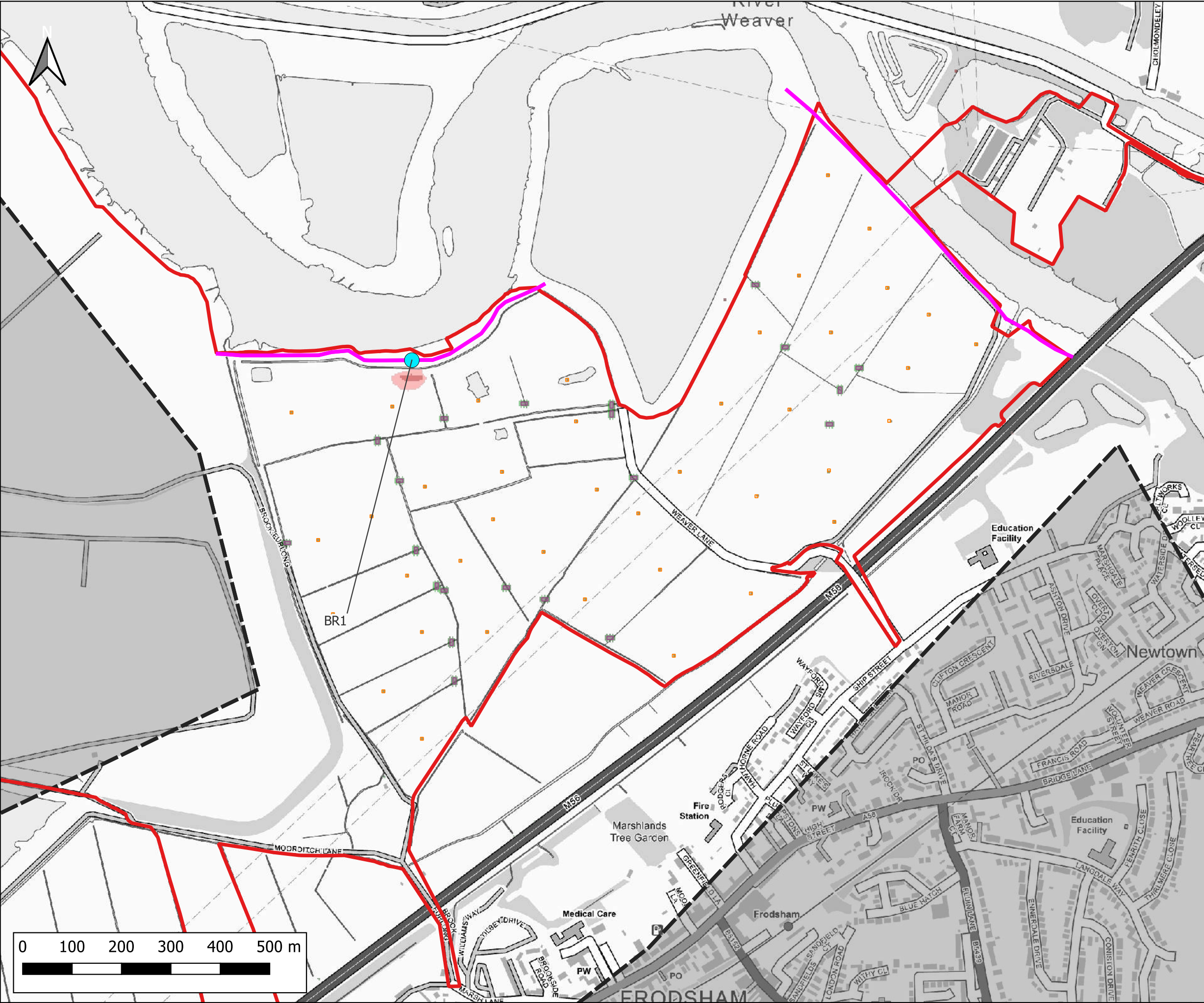
River Weaver Maximum Flood Depth  
1% AEP +67% CC Fluvial Event  
0.5% AEP Tidal Event (2075)  
Breach 1 Proposed Development Scenario (DEV)

PLOT STATUS:			DATE:
FINAL			17-10-2025

DRAWN:	CHECKED:	APPROVED:	PLOT SCALE AT A3:
MH	AP	LS	1:7500

PLOT NAME:	REVISION:
14740_LW_BR1_DEV3_Q100CC67_M(LOW)_ME(T200HC_2075UE)_052_d_Max	-





Notes:  
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

**LEGEND**

- Site Boundary
- 2D Model Extent
- River Weaver Flood Defences
- Proposed Volume Displacement
- Proposed Crossings
- Breach 1 Location (BR1)

Maximum Flood Depth Difference

- > -100mm
- 50mm to -100mm
- 20mm to -50mm
- No Change (+/- 20mm)
- +20mm to +50mm
- +50mm to +100mm
- > +100mm

Weston  
3  
12  
River Weaver  
East  
FRODSHAM

CLIENT:

Frodsham Solar Ltd

**waterco**  
www.waterco.co.uk

SCHEME:

Frodsham Solar

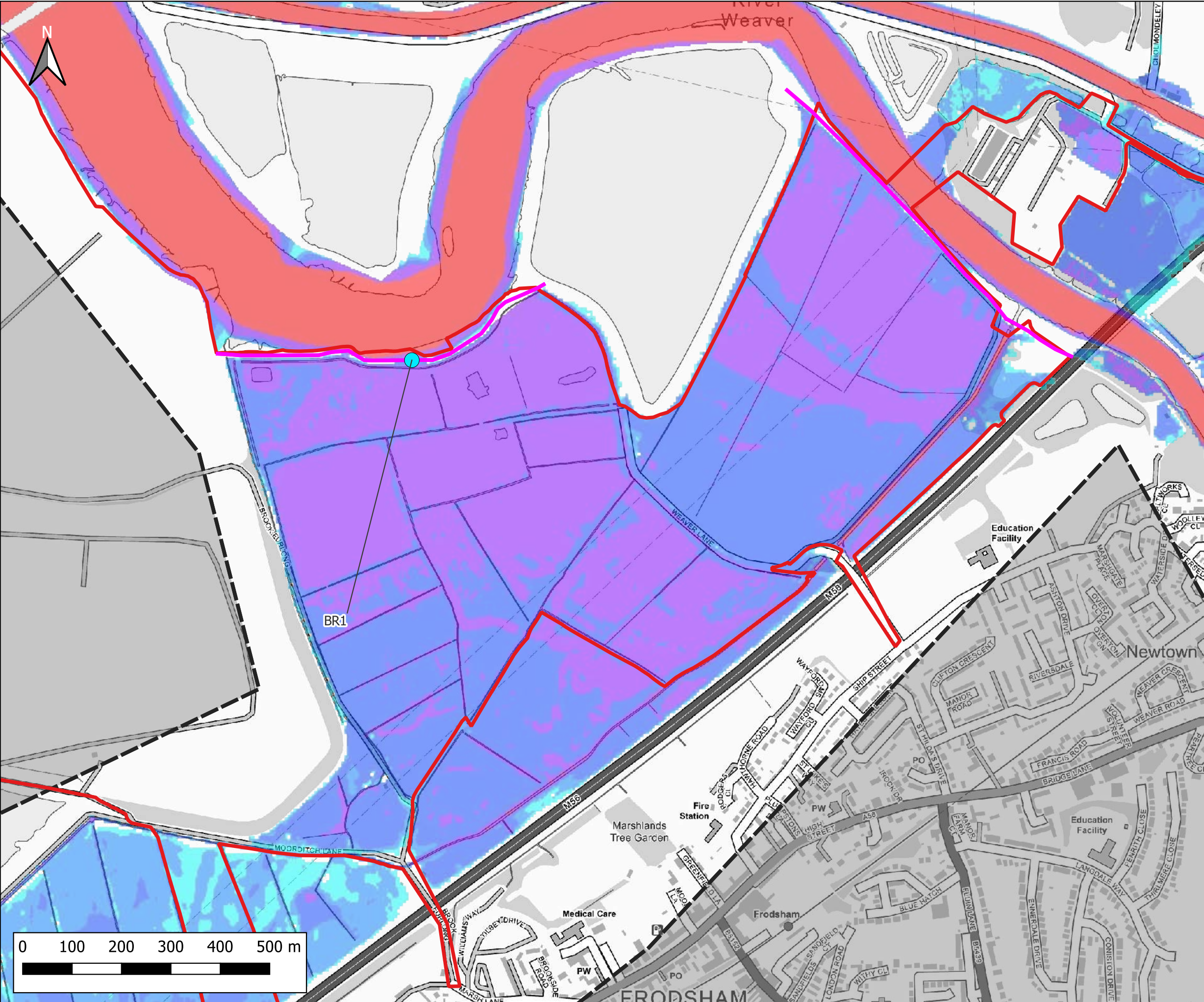
PLOT TITLE:  
River Weaver Maximum Flood Depth Difference  
1% AEP +67% CC Fluvial Event  
0.5% AEP Tidal Event (2075)  
Breach 1 DEV - EXG

PLOT STATUS: FINAL DATE: 17-10-2025

DRAWN: MH CHECKED: AP APPROVED: LS PLOT SCALE AT A3: 1:7500

PLOT NAME: 14740\_LW\_BR1\_DEV3-EXG\_Q100CC67\_M(LOW)\_ME(T200HC\_2075UE)\_052\_d-Diff REVISION: -





Notes:  
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

**LEGEND**

- Site Boundary
- 2D Model Extent
- River Weaver Flood Defences
- Breach 1 Location (BR1)

Maximum Flood Depth

- < 0.3m
- 0.3m - 0.6m
- 0.6m - 1.2m
- 1.2m - 2.4m
- > 2.4m

CLIENT:

Frodsham Solar Ltd

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SCHEME:

Frodsham Solar

PLOT TITLE:

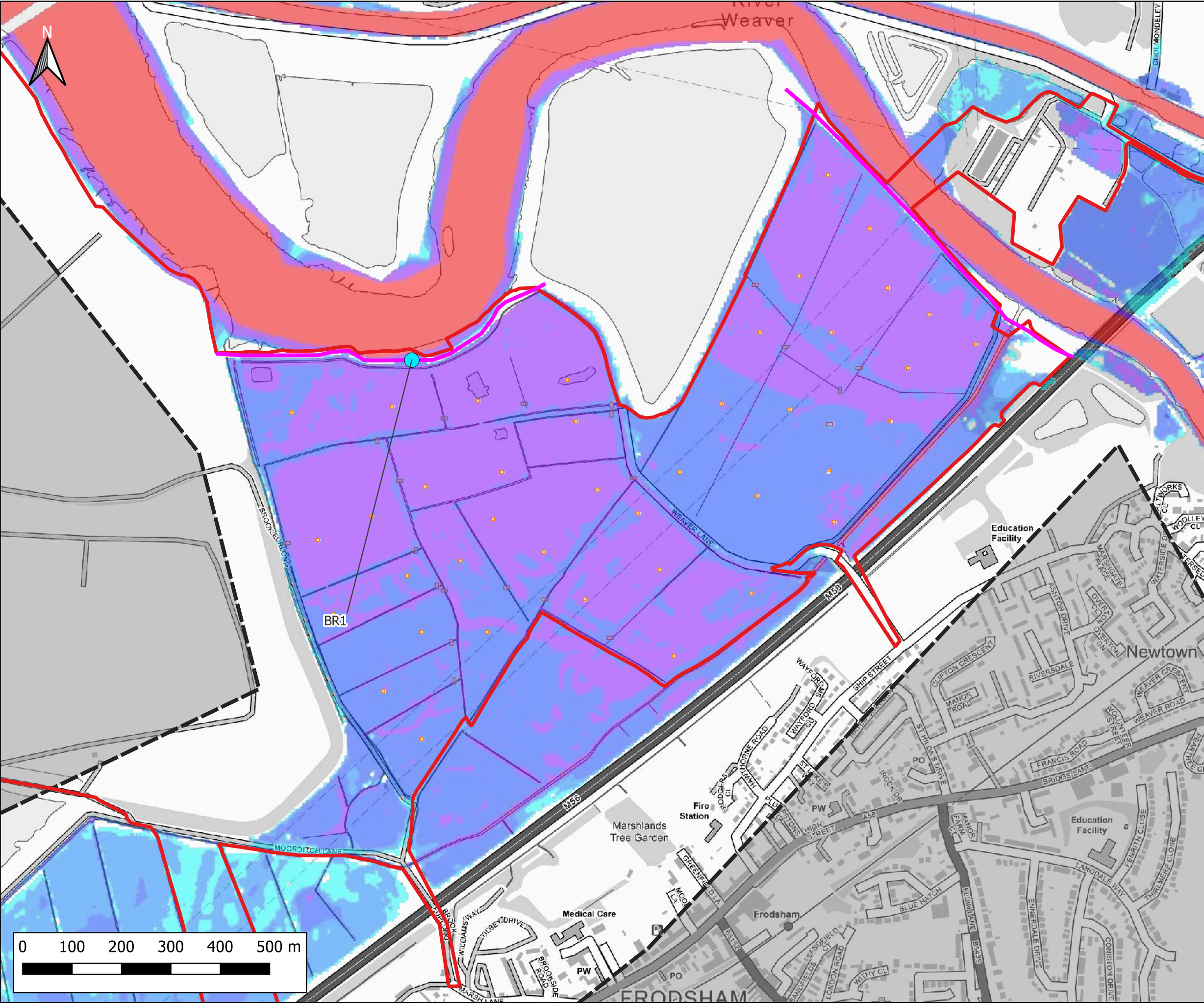
River Weaver Maximum Flood Depth  
1% AEP +106% CC Fluvial Event  
MWHS +CC Tidal Event  
Breach 1 Existing Scenario (EXG)

PLOT STATUS:			DATE:
FINAL			17-10-2025

DRAWN:	CHECKED:	APPROVED:	PLOT SCALE AT A3:
MH	AP	LS	1:7500

PLOT NAME:	REVISION:
14740_LW_BR1_EXG_Q100CC106_M(LOW)_ME(MHWS)CC_052_d_Max	-





Notes:  
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**LEGEND**

- Site Boundary
- 2D Model Extent
- River Weaver Flood Defences
- Proposed Volume Displacement
- Proposed Crossings
- Breach 1 Location (BR1)

Maximum Flood Depth

- <- 0.3m
- 0.3m - 0.6m
- 0.6m - 1.2m
- 1.2m - 2.4m
- > 2.4m

CLIENT:

Frodsham Solar Ltd

**waterco**

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SCHEME:

Frodsham Solar

PLOT TITLE:

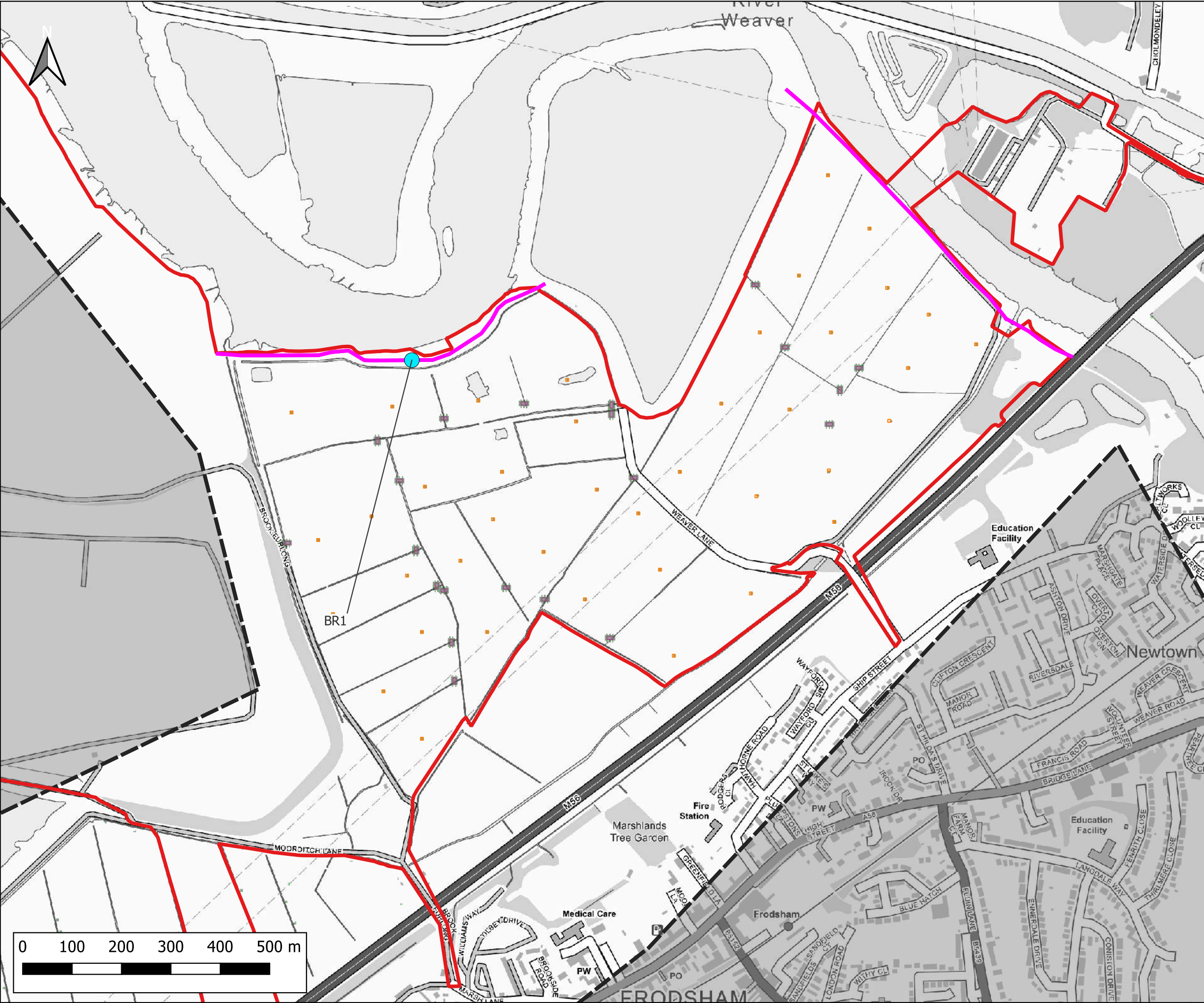
River Weaver Maximum Flood Depth  
1% AEP +106% CC Fluvial Event  
MWHS +CC Tidal Event  
Breach 1 Proposed Development Scenario (DEV)

PLOT STATUS:			DATE:
FINAL			17-10-2025

DRAWN:	CHECKED:	APPROVED:	PLOT SCALE AT A3:
MH	AP	LS	1:7500

PLOT NAME:	REVISION:
14740_LW_BR1_DEV3_Q100CC106_M(LOW)_ME(MHWSCC)_052_d_Max	-





Notes:  
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

**LEGEND**

- Site Boundary
- 2D Model Extent
- River Weaver Flood Defences
- Proposed Volume Displacement
- Proposed Crossings
- Breach 1 Location (BR1)

Maximum Flood Depth Difference

- > -100mm
- 50mm to -100mm
- 20mm to -50mm
- No Change (+/- 20mm)
- +20mm to +50mm
- +50mm to +100mm
- > +100mm

CLIENT:

Frodsham Solar Ltd

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SCHEME:

Frodsham Solar

PLOT TITLE:

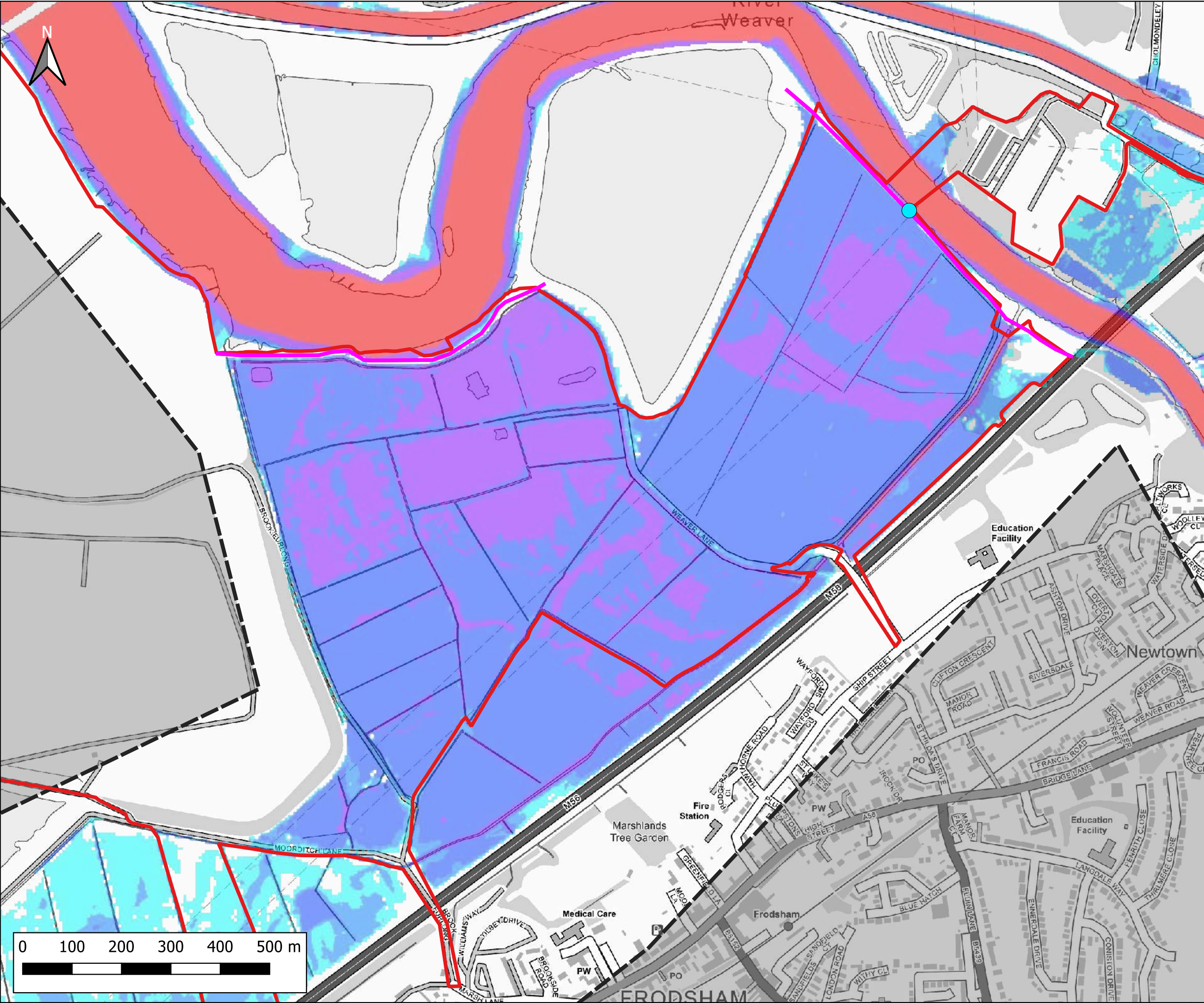
River Weaver Maximum Flood Depth Difference  
1% AEP +106% CC Fluvial Event  
MWHS +CC Tidal Event  
Breach 1 DEV - EXG

PLOT STATUS:			DATE:
FINAL			17-10-2025

DRAWN:	CHECKED:	APPROVED:	PLOT SCALE AT A3:
MH	AP	LS	1:7500

PLOT NAME:	REVISION:
14740_LW_BR1_DEV3-EXG_Q100CC106_M(LOW)_ME(MHWS)CC_052_d-DIFF	-





Notes:  
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

**LEGEND**

- Site Boundary
- 2D Model Extent
- River Weaver Flood Defences
- Breach 2 Location (BR2)

Maximum Flood Depth

- <- 0.3m
- 0.3m - 0.6m
- 0.6m - 1.2m
- 1.2m - 2.4m
- > 2.4m

CLIENT:

Frodsham Solar Ltd

www.waterco.co.uk

SCHEME:

Frodsham Solar

PLOT TITLE:

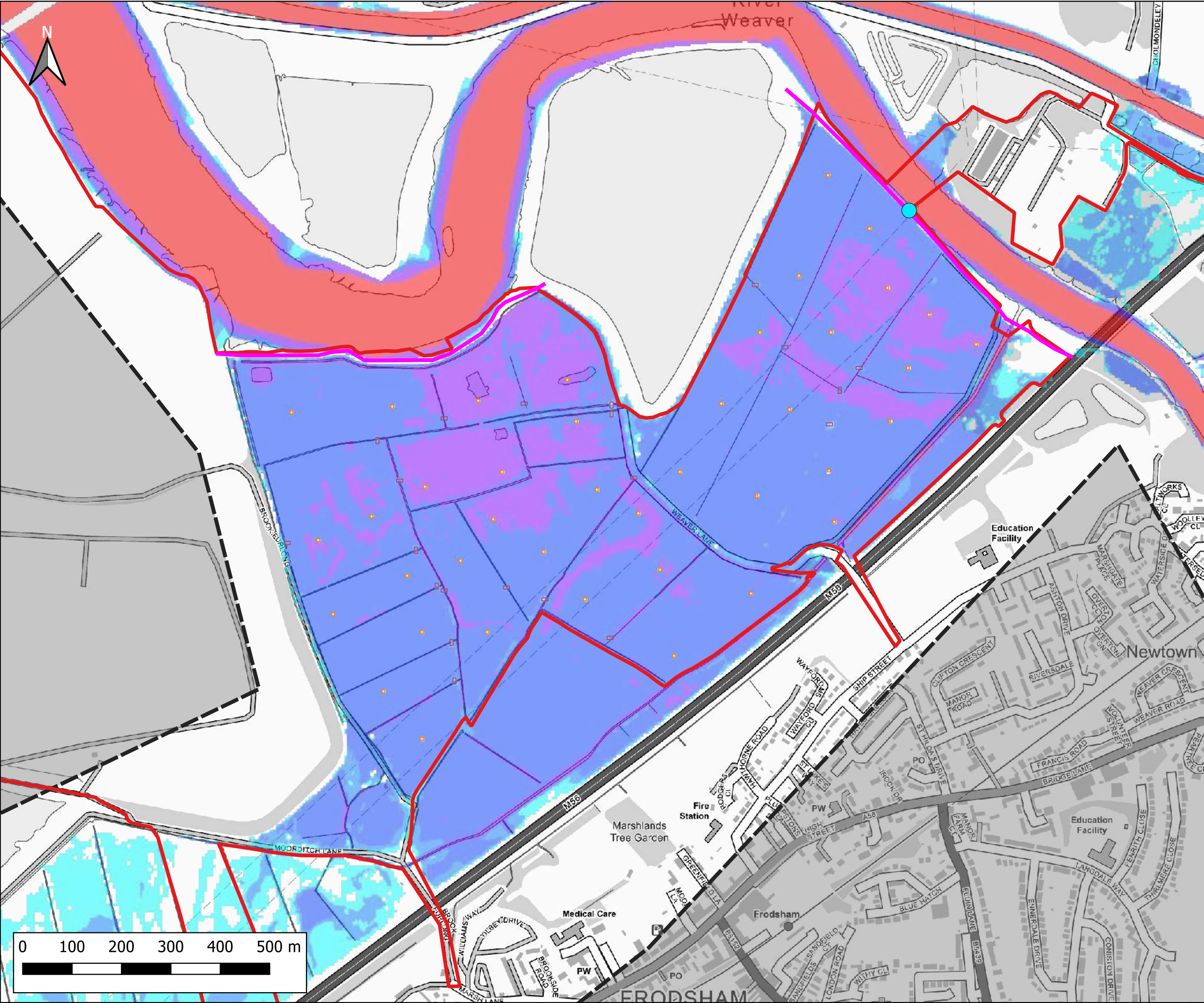
River Weaver Maximum Flood Depth  
1% AEP +67% CC Fluvial Event  
MWHS +CC Tidal Event  
Breach 2 Existing Scenario (EXG)

PLOT STATUS:			DATE:
FINAL			17-10-2025

DRAWN:	CHECKED:	APPROVED:	PLOT SCALE AT A3:
MH	AP	LS	1:7500

PLOT NAME:	REVISION:
14740_LW_BR2_EXG_Q100CC67_M(LOW)_ME(MHWSCC)_052_d_Max	-





Notes:  
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

**LEGEND**

- Site Boundary
- 2D Model Extent
- River Weaver Flood Defences
- Proposed Volume Displacement
- Proposed Crossings
- Breach 2 Location (BR2)

Maximum Flood Depth

- <- 0.3m
- 0.3m - 0.6m
- 0.6m - 1.2m
- 1.2m - 2.4m
- > 2.4m

CLIENT:

Frodsham Solar Ltd

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SCHEME:

Frodsham Solar

PLOT TITLE:

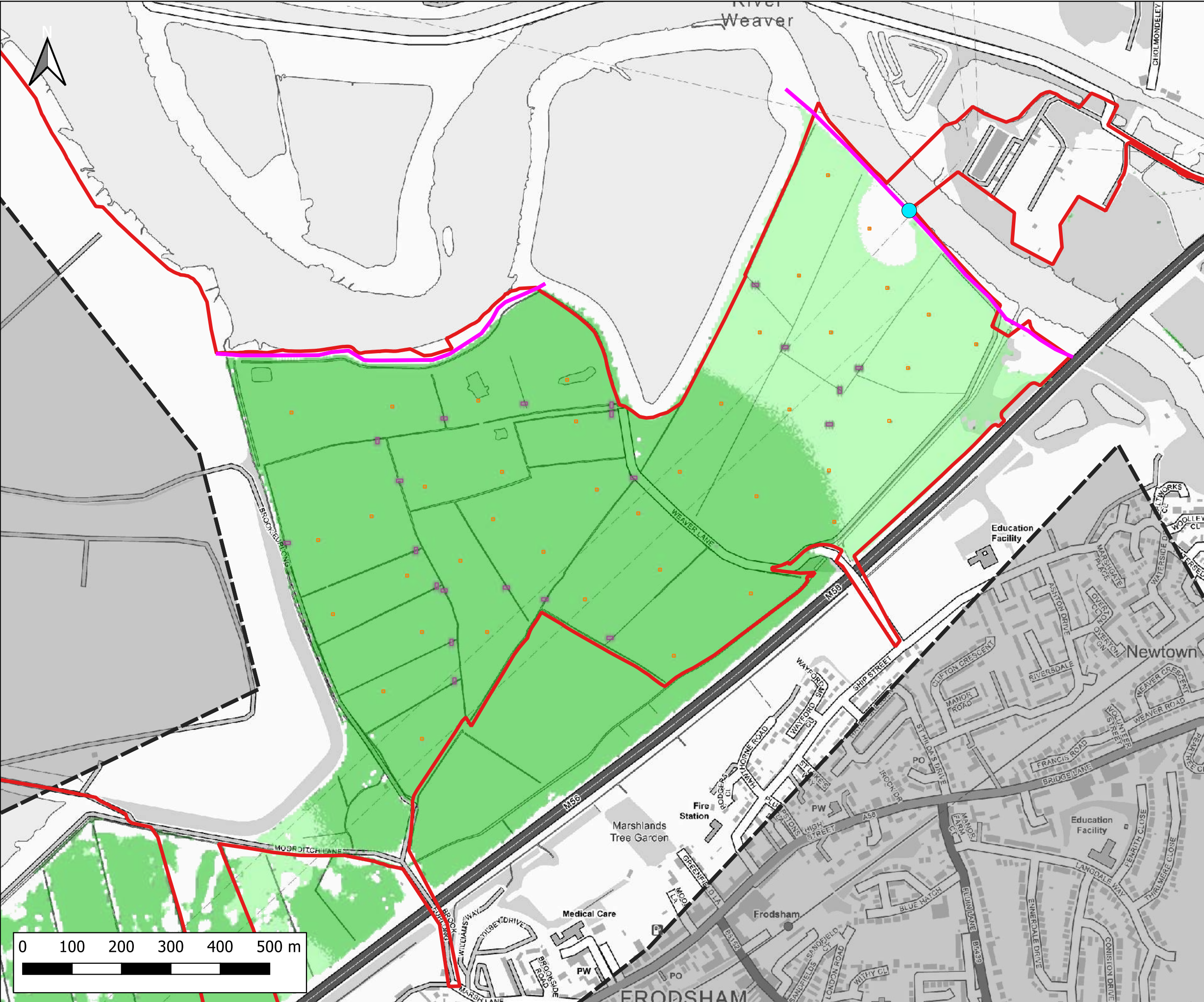
River Weaver Maximum Flood Depth  
1% AEP +67% CC Fluvial Event  
MWHS +CC Tidal Event  
Breach 2 Proposed Development Scenario (DEV)

PLOT STATUS:			DATE:
FINAL			17-10-2025

DRAWN:	CHECKED:	APPROVED:	PLOT SCALE AT A3:
MH	AP	LS	1:7500

PLOT NAME:	REVISION:
14740_LW_BR2_DEV3_Q100CC67_M(LOW)_ME(MHWS)CC_052_d_Max	-





Notes:  
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

**LEGEND**

- Site Boundary
- 2D Model Extent
- River Weaver Flood Defences
- Proposed Volume Displacement
- Proposed Crossings
- Breach 2 Location (BR2)

Maximum Flood Depth Difference

- > -100mm
- 50mm to -100mm
- 20mm to -50mm
- No Change (+/- 20mm)
- +20mm to +50mm
- +50mm to +100mm
- > +100mm

CLIENT:

Frodsham Solar Ltd

www.waterco.co.uk

SCHEME:

Frodsham Solar

PLOT TITLE:

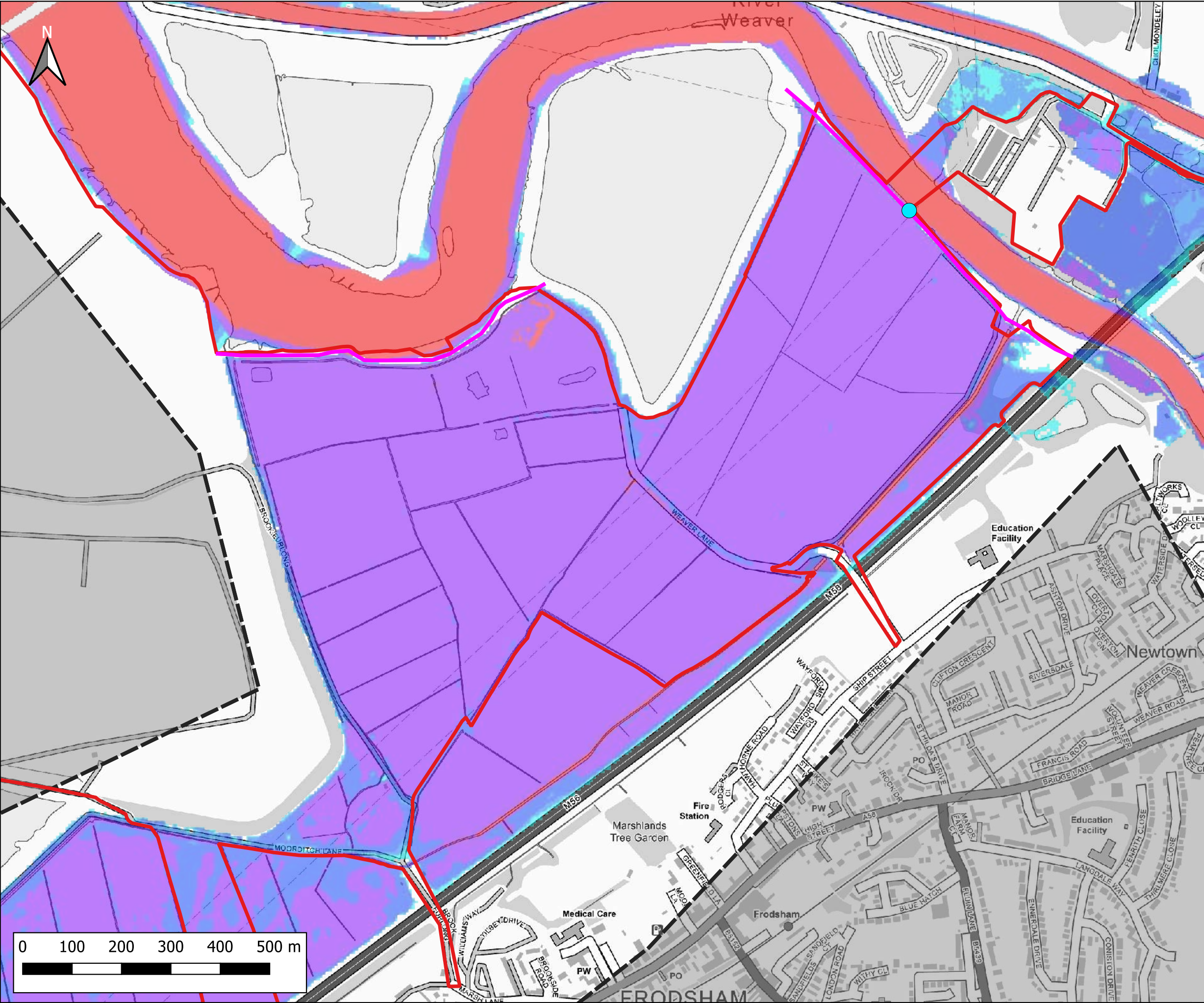
River Weaver Maximum Flood Depth Difference  
1% AEP +67% CC Fluvial Event  
MWHS +CC Tidal Event  
Breach 2 DEV - EXG

PLOT STATUS:			DATE:
FINAL			17-10-2025

DRAWN:	CHECKED:	APPROVED:	PLOT SCALE AT A3:
MH	AP	LS	1:7500

PLOT NAME:	REVISION:
14740_LW_BR2_DEV3-EXG_Q100CC67_M(LOW)_ME(MHWSCC)_052_d-Diff	-





Notes:  
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

**LEGEND**

- Site Boundary
- 2D Model Extent
- River Weaver Flood Defences
- Breach 2 Location (BR2)

Maximum Flood Depth

- <- 0.3m
- 0.3m - 0.6m
- 0.6m - 1.2m
- 1.2m - 2.4m
- > 2.4m

CLIENT:

Frodsham Solar Ltd

www.waterco.co.uk

SCHEME:

Frodsham Solar

PLOT TITLE:

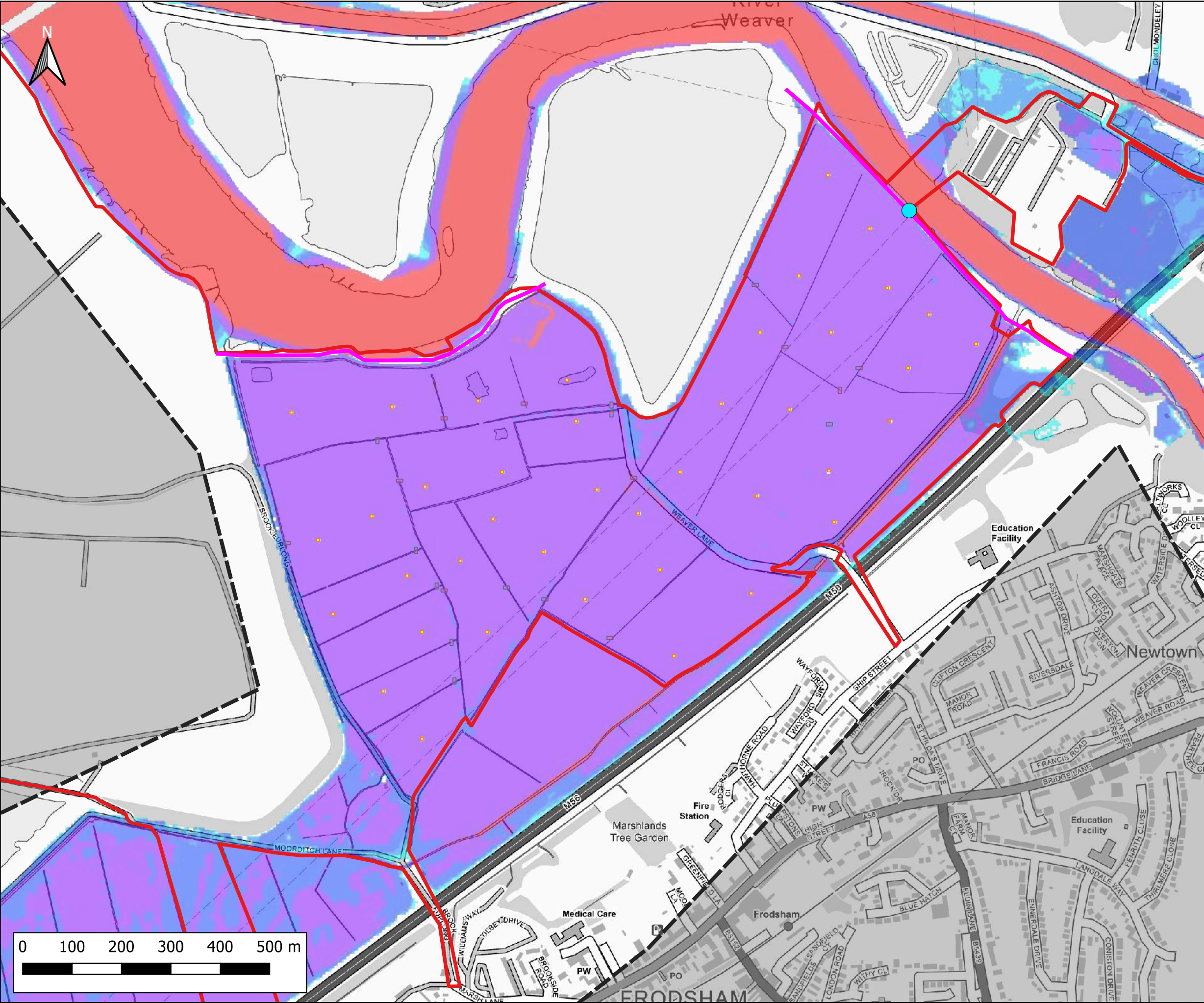
River Weaver Maximum Flood Depth  
1% AEP +67% CC Fluvial Event  
0.5% AEP Tidal Event (2075)  
Breach 2 Existing Scenario (EXG)

PLOT STATUS:			DATE:
FINAL			17-10-2025

DRAWN:	CHECKED:	APPROVED:	PLOT SCALE AT A3:
MH	AP	LS	1:7500

PLOT NAME:	REVISION:
14740_LW_BR2_EXG_Q100CC67_M(LOW)_ME(T200HC_2075UE)_052_d_Max	-





Notes:  
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

**LEGEND**

- Site Boundary
- 2D Model Extent
- River Weaver Flood Defences
- Proposed Volume Displacement
- Proposed Crossings
- Breach 2 Location (BR2)

Maximum Flood Depth

- <- 0.3m
- 0.3m - 0.6m
- 0.6m - 1.2m
- 1.2m - 2.4m
- > 2.4m

CLIENT:

Frodsham Solar Ltd

www.waterco.co.uk

SCHEME:

Frodsham Solar

PLOT TITLE:

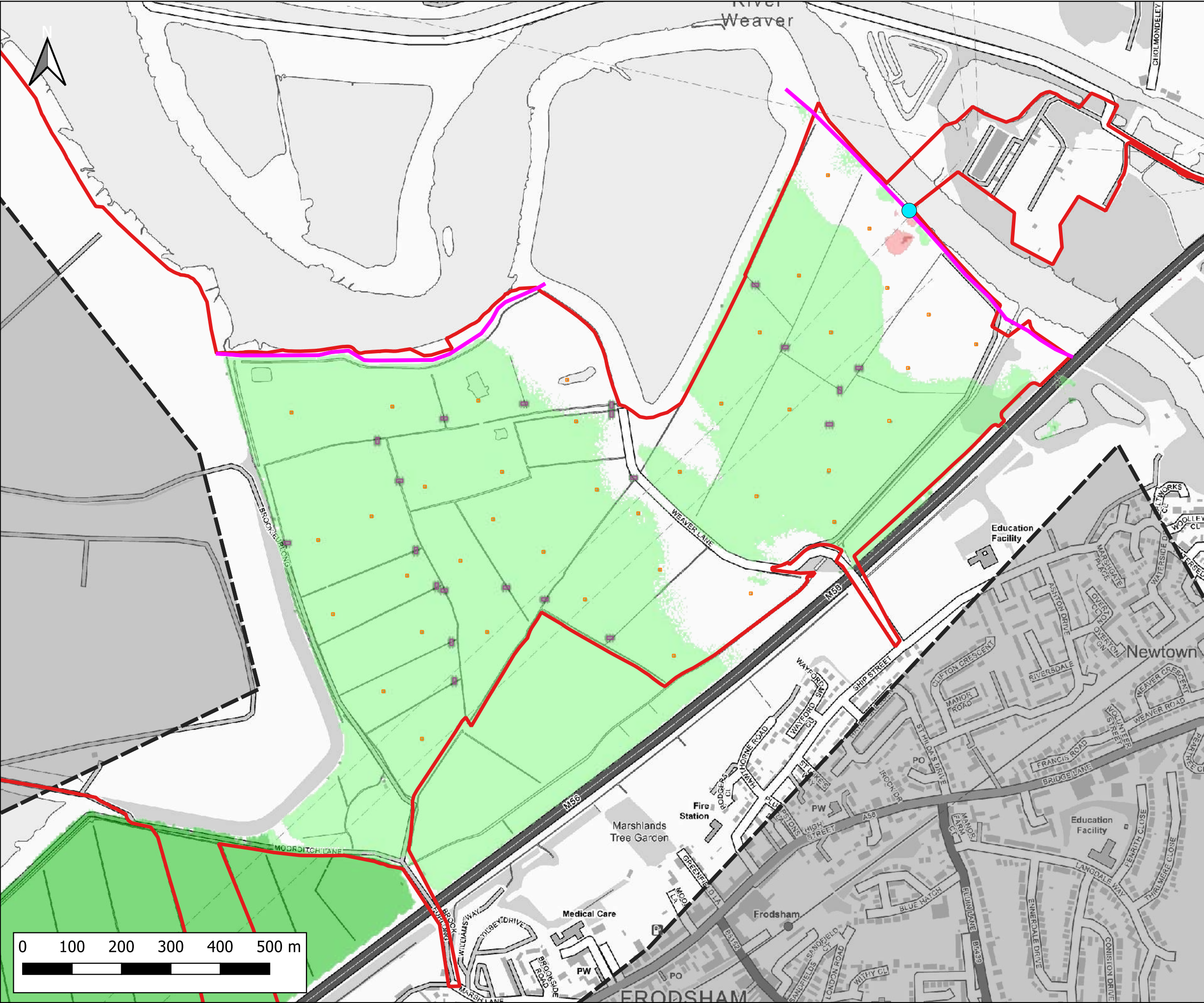
River Weaver Maximum Flood Depth  
1% AEP +67% CC Fluvial Event  
0.5% AEP Tidal Event (2075)  
Breach 2 Proposed Development Scenario (DEV)

PLOT STATUS:			DATE:
FINAL			17-10-2025

DRAWN:	CHECKED:	APPROVED:	PLOT SCALE AT A3:
MH	AP	LS	1:7500

PLOT NAME:	REVISION:
14740_LW_BR2_DEV3_Q100CC67_M(LOW)_ME(T200HC_2075UE)_052_d_Max	-





Notes:  
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

**LEGEND**

- Site Boundary
- 2D Model Extent
- River Weaver Flood Defences
- Proposed Volume Displacement
- Proposed Crossings
- Breach 2 Location (BR2)

Maximum Flood Depth Difference

- > -100mm
- 50mm to -100mm
- 20mm to -50mm
- No Change (+/- 20mm)
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- > +100mm

CLIENT:

Frodsham Solar Ltd

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SCHEME:

Frodsham Solar

PLOT TITLE:

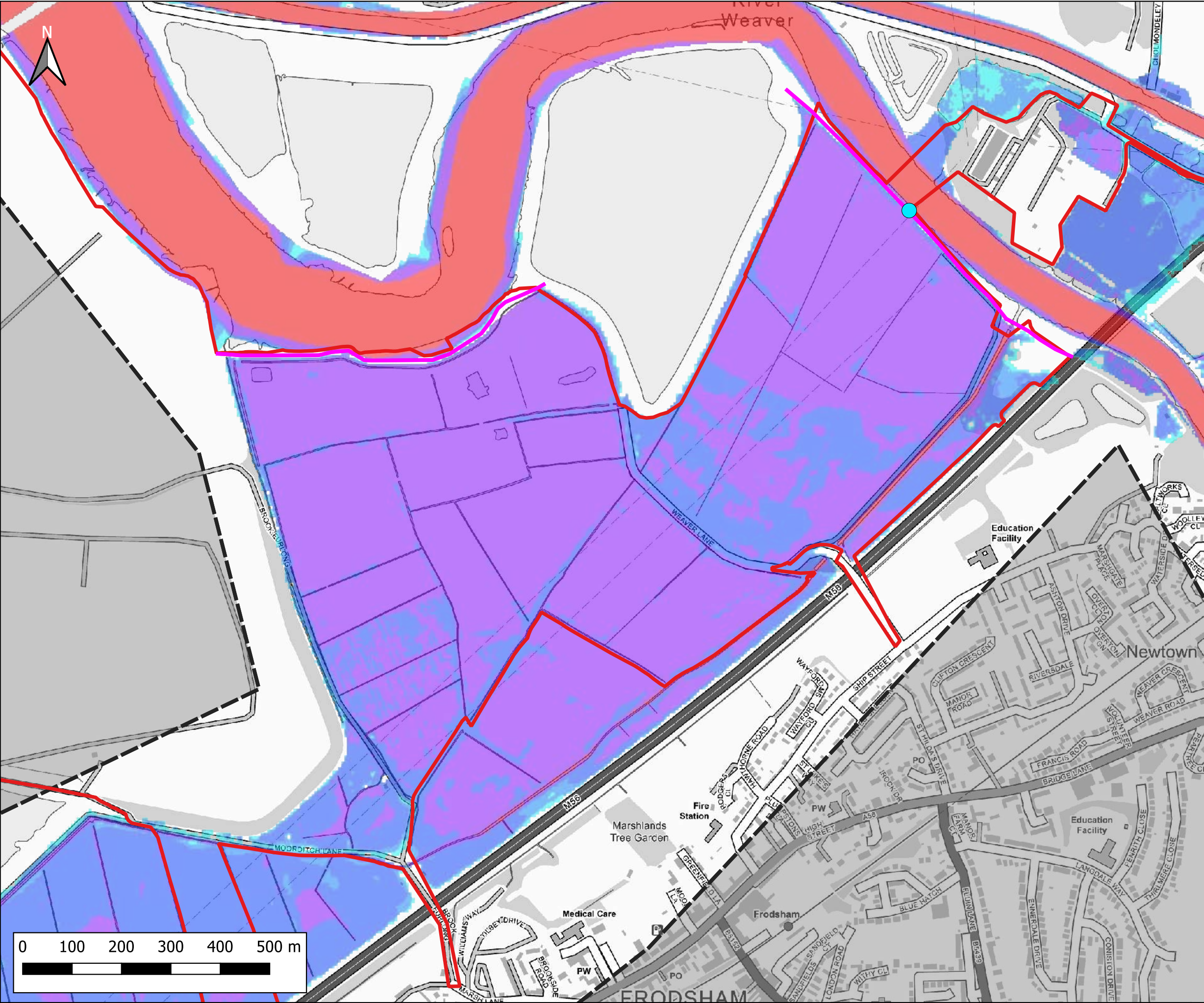
River Weaver Maximum Flood Depth Difference  
1% AEP +67% CC Fluvial Event  
0.5% AEP Tidal Event (2075)  
Breach 2 DEV - EXG

PLOT STATUS:			DATE:
FINAL			17-10-2025

DRAWN:	CHECKED:	APPROVED:	PLOT SCALE AT A3:
MH	AP	LS	1:7500

PLOT NAME:	REVISION:
14740_LW_BR2_DEV3-EXG_Q100CC67_M(LOW)_ME(T200HC_2075UE)_052_d-Diff	-





Notes:  
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

**LEGEND**

- Site Boundary
- 2D Model Extent
- River Weaver Flood Defences
- Breach 2 Location (BR2)

Maximum Flood Depth

- <- 0.3m
- 0.3m - 0.6m
- 0.6m - 1.2m
- 1.2m - 2.4m
- > 2.4m

CLIENT:

Frodsham Solar Ltd

www.waterco.co.uk

SCHEME:

Frodsham Solar

PLOT TITLE:

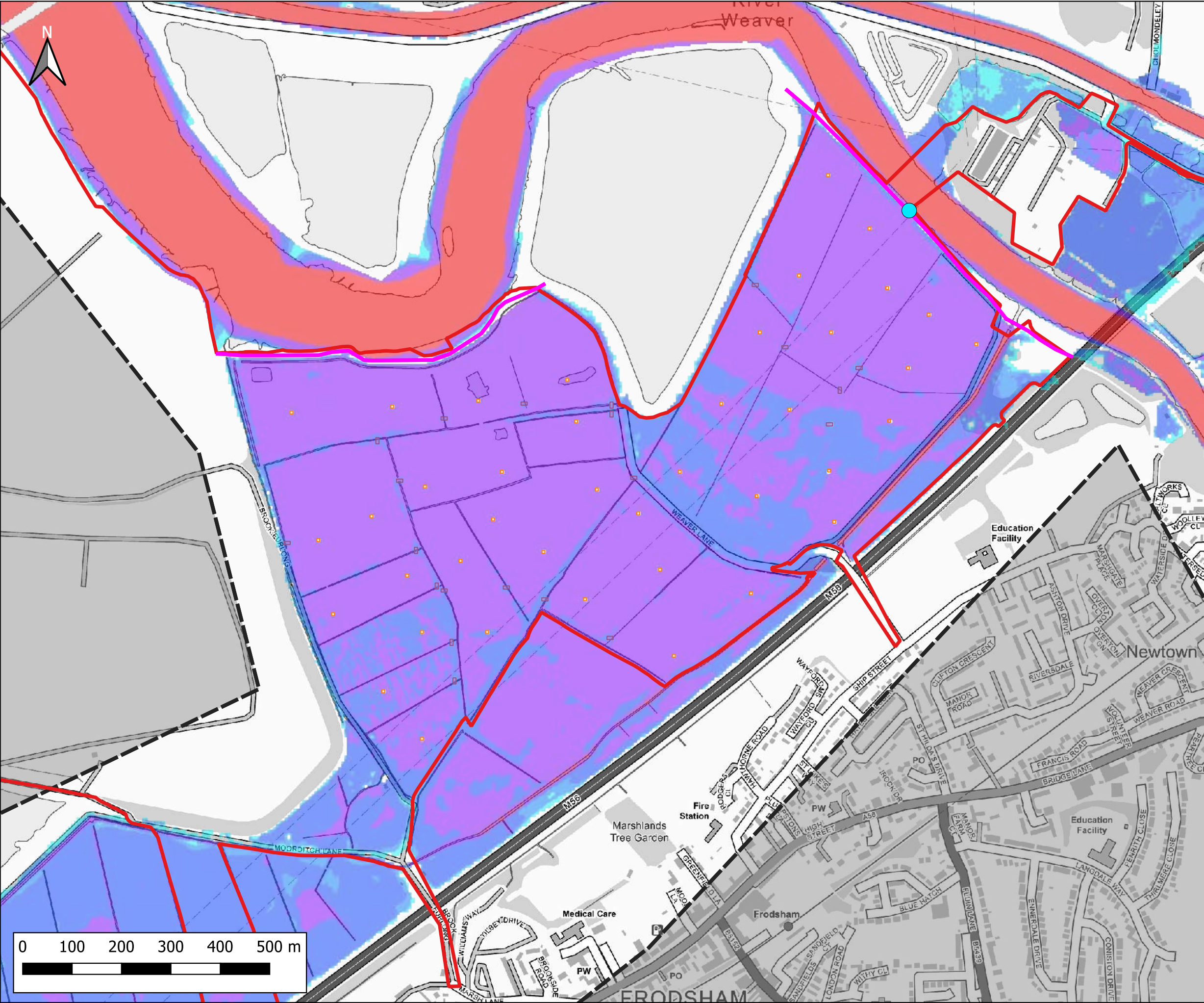
River Weaver Maximum Flood Depth  
1% AEP +106% CC Fluvial Event  
MWHS +CC Tidal Event  
Breach 2 Existing Scenario (EXG)

PLOT STATUS:			DATE:
FINAL			17-10-2025

DRAWN:	CHECKED:	APPROVED:	PLOT SCALE AT A3:
MH	AP	LS	1:7500

PLOT NAME:	REVISION:
14740_LW_BR2_EXG_Q100CC106_M(LOW)_ME(MHWSOC)_052_d_Max	-





Notes:  
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

**LEGEND**

- Site Boundary
- 2D Model Extent
- River Weaver Flood Defences
- Proposed Volume Displacement
- Proposed Crossings
- Breach 2 Location (BR2)

Maximum Flood Depth

- <- 0.3m
- 0.3m - 0.6m
- 0.6m - 1.2m
- 1.2m - 2.4m
- > 2.4m

CLIENT:

Frodsham Solar Ltd

www.waterco.co.uk

SCHEME:

Frodsham Solar

PLOT TITLE:

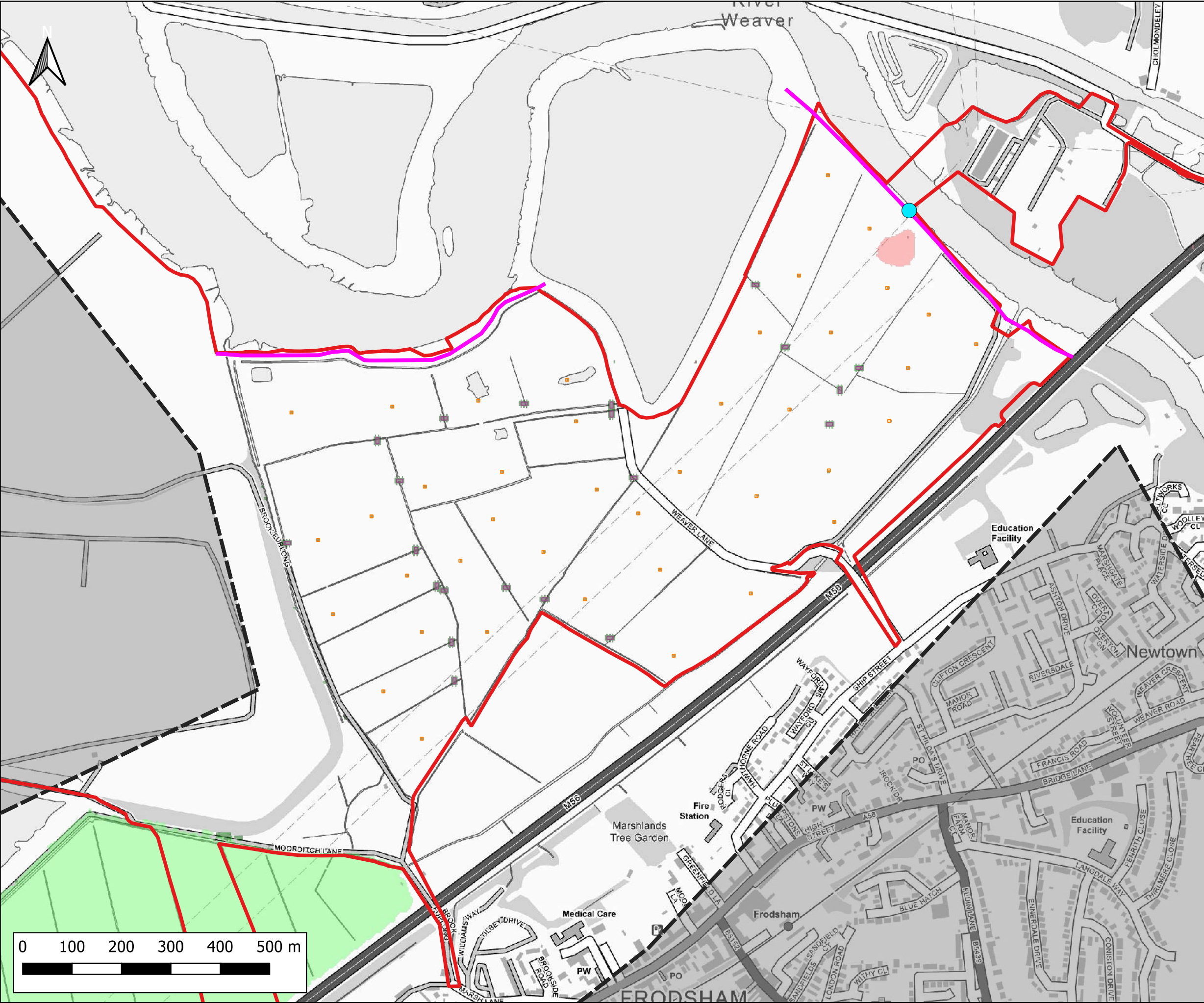
River Weaver Maximum Flood Depth  
1% AEP +106% CC Fluvial Event  
MWHS +CC Tidal Event  
Breach 2 Proposed Development Scenario (DEV)

PLOT STATUS:		DATE:	
FINAL		17-10-2025	

DRAWN:	CHECKED:	APPROVED:	PLOT SCALE AT A3:
MH	AP	LS	1:7500

PLOT NAME:	REVISION:
14740_LW_BR2_DEV3_Q100CC106_M(LOW)_ME(MHWSCC)_052_d_Max	-





Notes:  
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

**LEGEND**

- Site Boundary
- 2D Model Extent
- River Weaver Flood Defences
- Proposed Volume Displacement
- Proposed Crossings
- Breach 2 Location (BR2)

Maximum Flood Depth Difference

- > -100mm
- 50mm to -100mm
- 20mm to -50mm
- No Change (+/- 20mm)
- +20mm to +50mm
- +50mm to +100mm
- > +100mm

CLIENT:

Frodsham Solar Ltd

www.waterco.co.uk

SCHEME:

Frodsham Solar

PLOT TITLE:

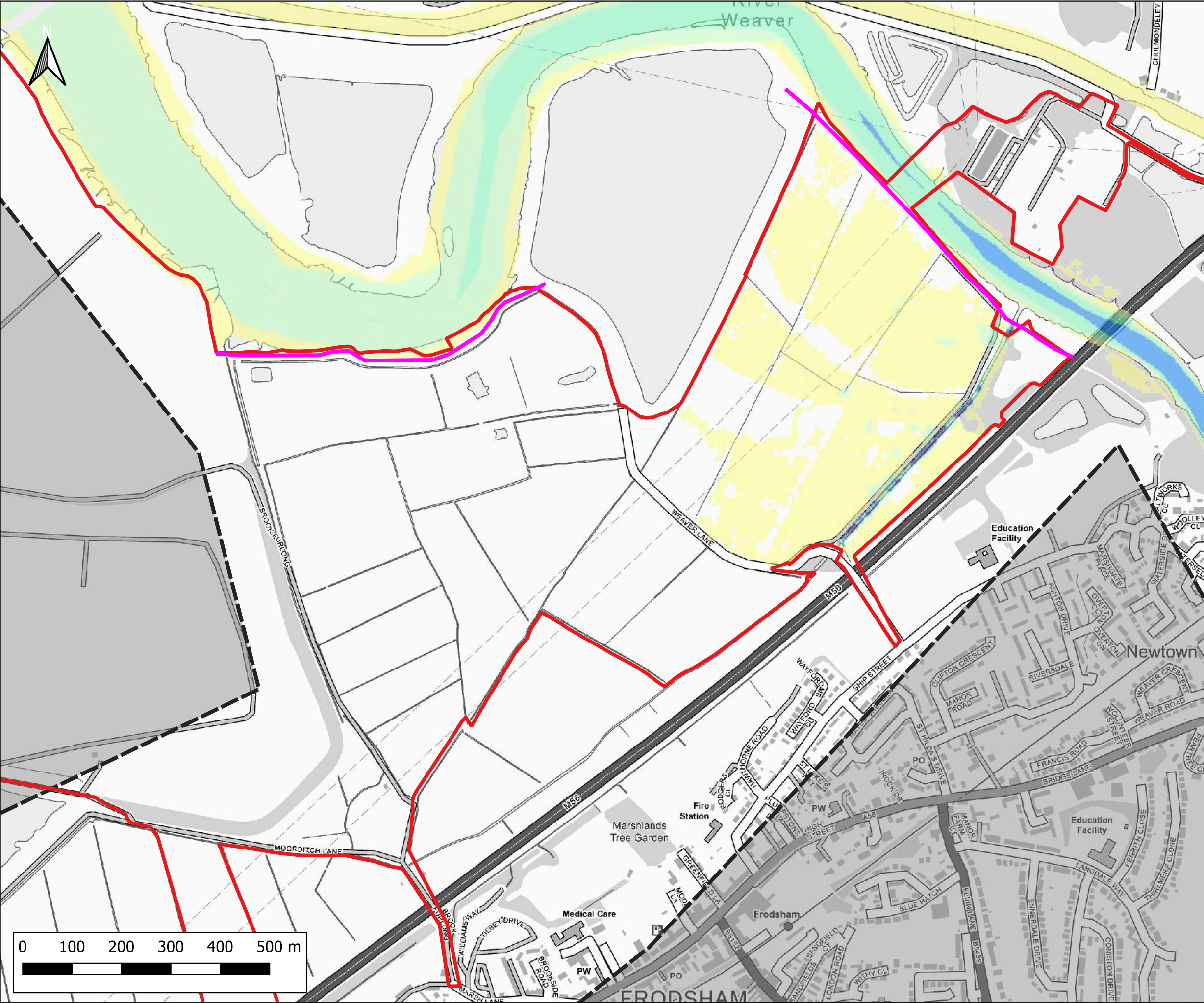
River Weaver Maximum Flood Depth Difference  
1% AEP +106% CC Fluvial Event  
MWHS +CC Tidal Event  
Breach 2 DEV - EXG

PLOT STATUS:		DATE:	
FINAL		17-10-2025	

DRAWN:	CHECKED:	APPROVED:	PLOT SCALE AT A3:
MH	AP	LS	1:7500

PLOT NAME:	REVISION:
14740_LW_BR2_DEV3-EXG_Q100CC106_M(LOW)_ME(MHWS)CC_052_d-DIFF	-





Notes:  
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

**LEGEND**

- Site Boundary
- 2D Model Extent
- River Weaver Flood Defences

Maximum Flood Velocity (m/s)

- 0.0 - 0.3
- 0.3 - 0.6
- 0.6 - 0.9
- 0.9 - 1.2
- > 1.2

CLIENT:

Frodsham Solar Ltd

www.waterco.co.uk

SCHEME:

Frodsham Solar

PLOT TITLE:

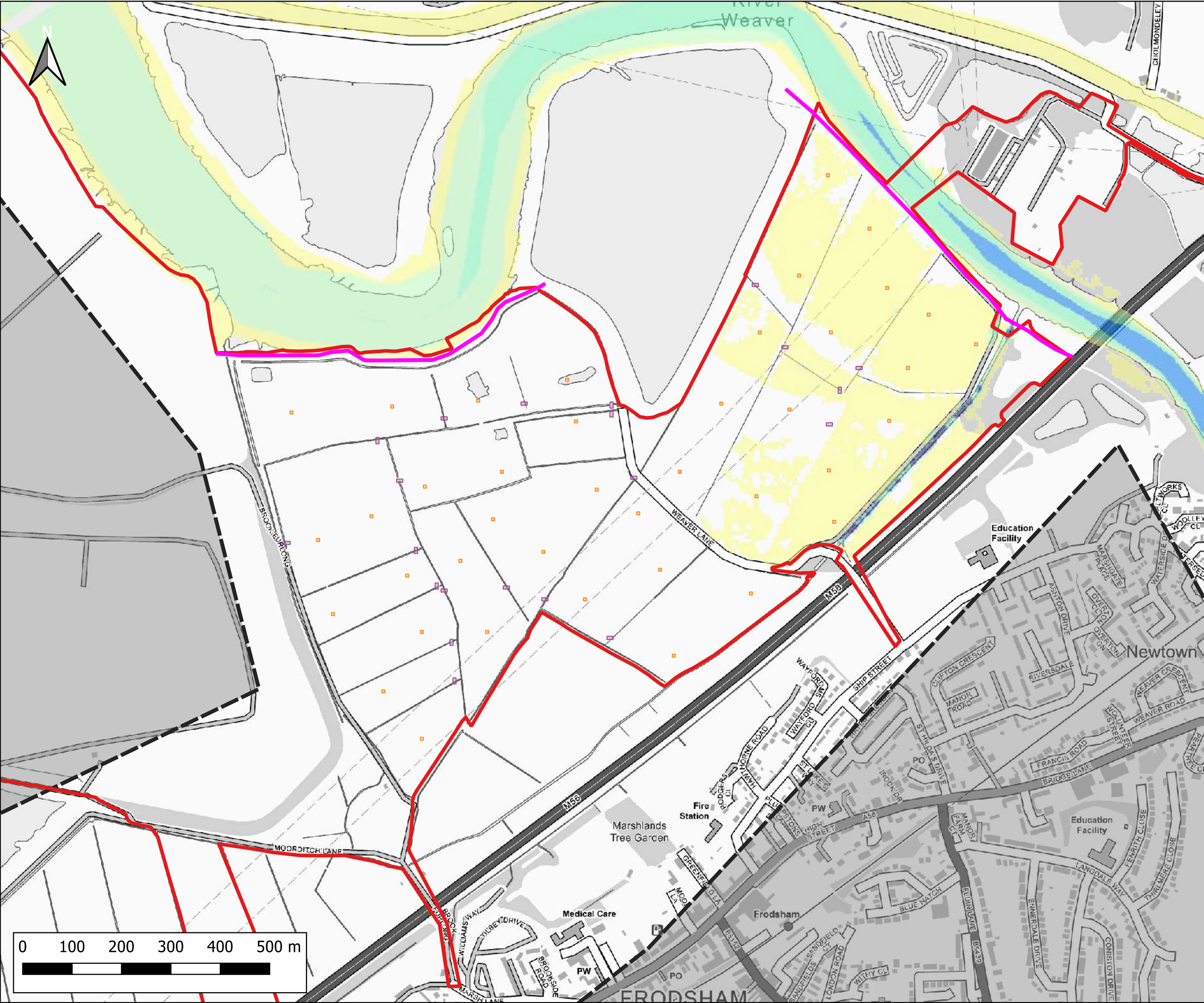
River Weaver Maximum Flood Velocity  
1% AEP Fluvial Event  
MWHS Tidal Event  
Defended Existing Scenario (EXG)

PLOT STATUS:		DATE:	
FINAL		17-10-2025	

DRAWN:	CHECKED:	APPROVED:	PLOT SCALE AT A3:
MH	AP	LS	1:7500

PLOT NAME:	REVISION:
14740_LW_DEF_EXG_Q100_M(LOW)_ME(MHWS)_052_V_Max	-





Notes:  
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

**LEGEND**

- Site Boundary
- 2D Model Extent
- River Weaver Flood Defences
- Proposed Volume Displacement
- Proposed Crossings

Maximum Flood Velocity (m/s)

- 0.0 - 0.3
- 0.3 - 0.6
- 0.6 - 0.9
- 0.9 - 1.2
- > 1.2

Weston  
3  
12  
River Weaver  
East  
FRODSHAM

CLIENT:

Frodsham Solar Ltd

**waterco**  
www.waterco.co.uk

SCHEME:

Frodsham Solar

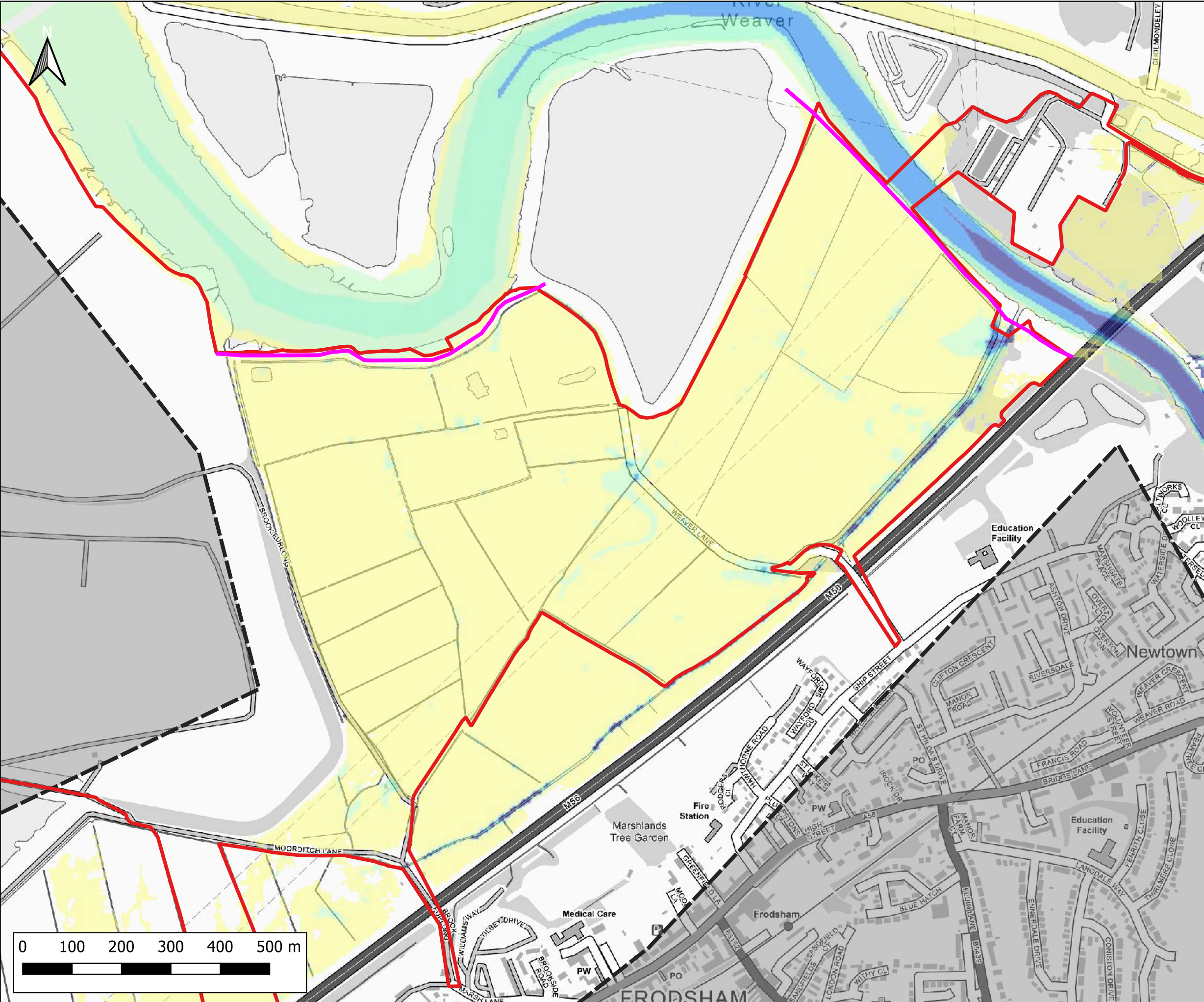
PLOT TITLE:  
River Weaver Maximum Flood Velocity  
1% AEP Fluvial Event  
MWHS Tidal Event  
Defended Proposed Development Scenario (DEV)

PLOT STATUS:		DATE:	
FINAL		17-10-2025	

DRAWN:	CHECKED:	APPROVED:	PLOT SCALE AT A3:
MH	AP	LS	1:7500

PLOT NAME:	REVISION:
14740_LW_DEF_DEV3_Q100_M(LOW)_ME(MHWS)_052_V_Max	-





Notes:  
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

**LEGEND**

- Site Boundary
- 2D Model Extent
- River Weaver Flood Defences

Maximum Flood Velocity (m/s)

- 0.0 - 0.3
- 0.3 - 0.6
- 0.6 - 0.9
- 0.9 - 1.2
- > 1.2

CLIENT:

Frodsham Solar Ltd

www.waterco.co.uk

SCHEME:

Frodsham Solar

PLOT TITLE:

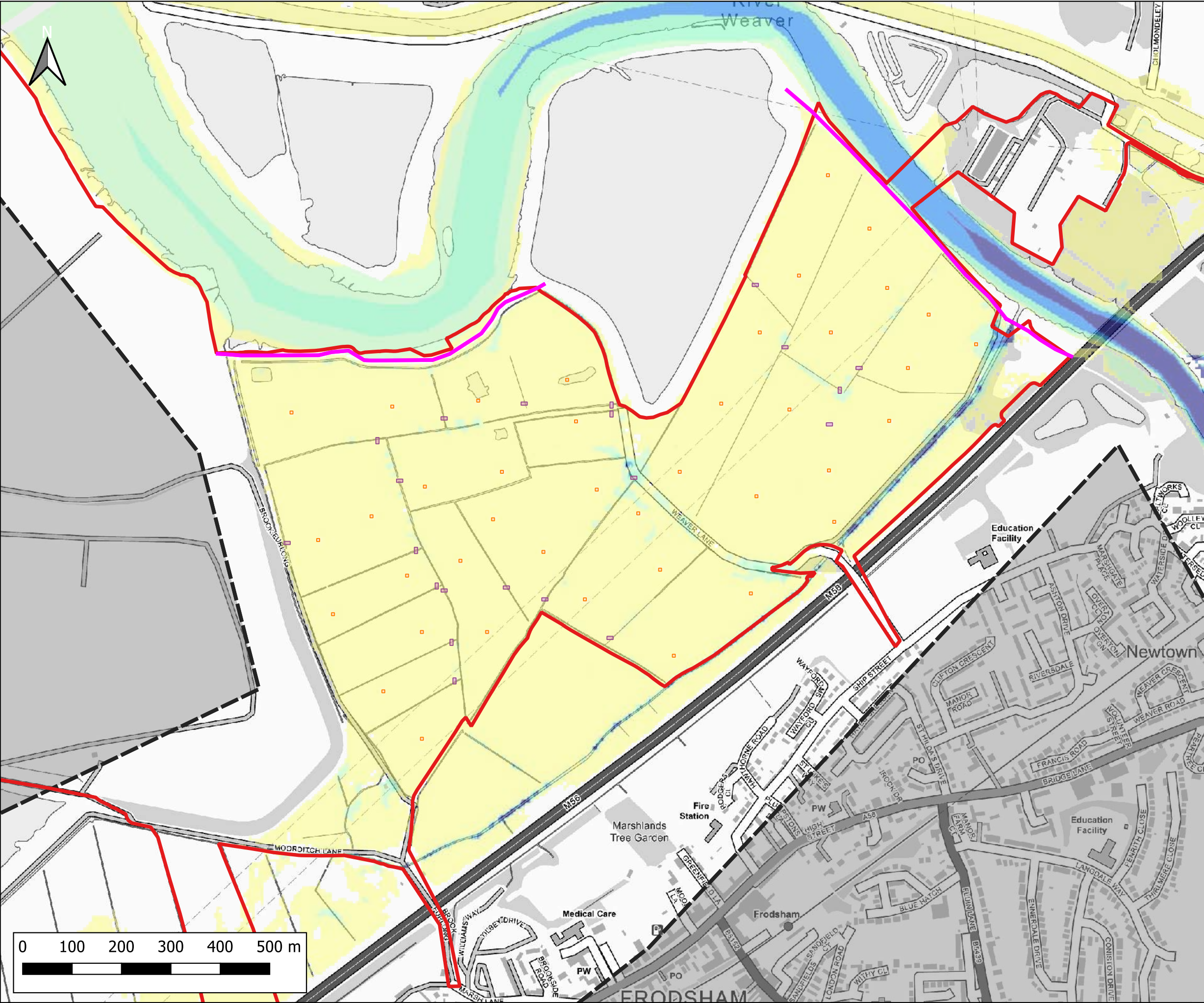
River Weaver Maximum Flood Velocity  
1% AEP +67% CC Fluvial Event  
MWHS +CC Tidal Event  
Defended Existing Scenario (EXG)

PLOT STATUS:			DATE:
FINAL			17-10-2025

DRAWN:	CHECKED:	APPROVED:	PLOT SCALE AT A3:
MH	AP	LS	1:7500

PLOT NAME:	REVISION:
14740_LW_DEF_EXG_Q100CC67_M(LOW)_ME(MHWSCC)_052_V_Max	-





Notes:  
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

**LEGEND**

- Site Boundary
- 2D Model Extent
- River Weaver Flood Defences
- Proposed Volume Displacement
- Proposed Crossings

Maximum Flood Velocity (m/s)

- 0.0 - 0.3
- 0.3 - 0.6
- 0.6 - 0.9
- 0.9 - 1.2
- > 1.2

Weston  
3  
12  
River Weaver  
East  
FRODSHAM

CLIENT:

Frodsham Solar Ltd

**waterco**  
www.waterco.co.uk

SCHEME:

Frodsham Solar

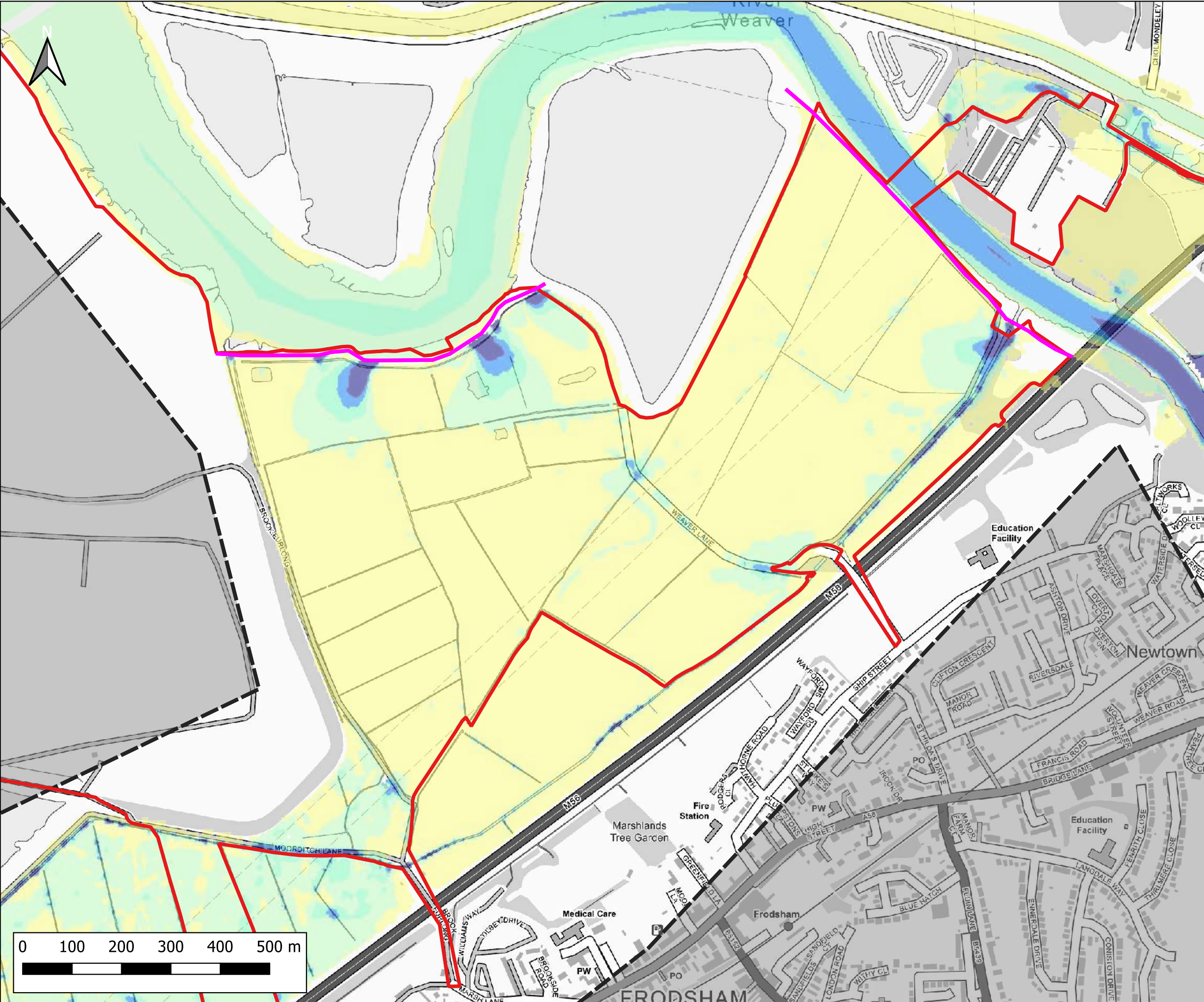
PLOT TITLE:  
River Weaver Maximum Flood Velocity  
1% AEP +67% CC Fluvial Event  
MWHS +CC Tidal Event  
Defended Proposed Development Scenario (DEV)

PLOT STATUS: FINAL DATE: 17-10-2025

DRAWN: MH CHECKED: AP APPROVED: LS PLOT SCALE AT A3: 1:7500

PLOT NAME: 14740\_LW\_DEF\_DEV3\_Q100CC67\_M(LOW)\_ME(MHWS+CC)\_052\_V\_Max REVISION: -





Notes:  
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

**LEGEND**

- Site Boundary
- 2D Model Extent
- River Weaver Flood Defences

Maximum Flood Velocity (m/s)

- 0.0 - 0.3
- 0.3 - 0.6
- 0.6 - 0.9
- 0.9 - 1.2
- > 1.2

CLIENT:

Frodsham Solar Ltd

www.waterco.co.uk

SCHEME:

Frodsham Solar

PLOT TITLE:

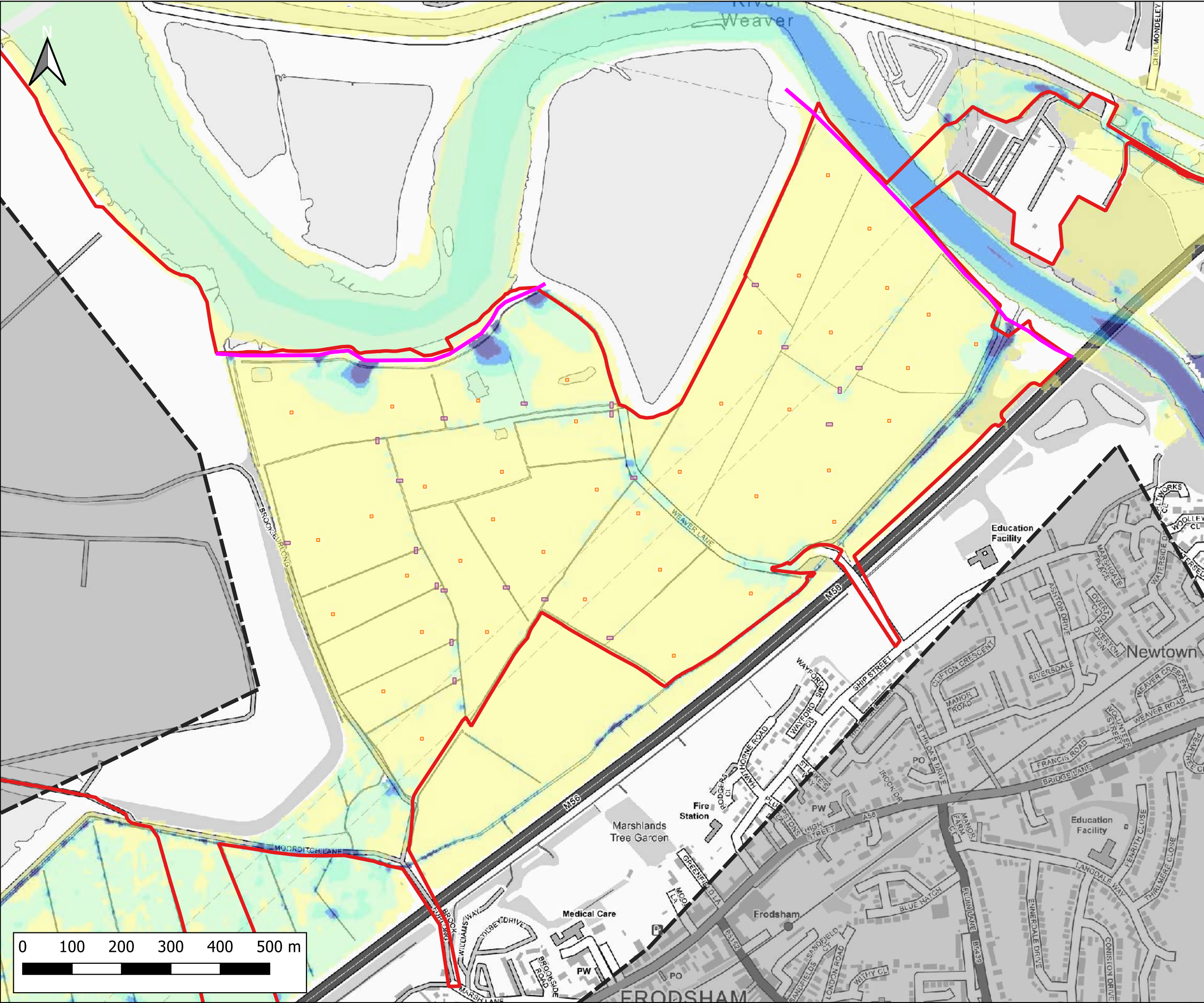
River Weaver Maximum Flood Velocity  
1% AEP +67% CC Fluvial Event  
0.5% AEP Tidal Event (2075)  
Defended Existing Scenario (EXG)

PLOT STATUS:			DATE:
FINAL			17-10-2025

DRAWN:	CHECKED:	APPROVED:	PLOT SCALE AT A3:
MH	AP	LS	1:7500

PLOT NAME:	REVISION:
14740_LW_DEF_EXG_Q100CC67_M(LOW)_ME(T200HC_2075UE)_052_V_Max	-





Notes:  
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

**LEGEND**

- Site Boundary
- 2D Model Extent
- River Weaver Flood Defences
- Proposed Volume Displacement
- Proposed Crossings

Maximum Flood Velocity (m/s)

- 0.0 - 0.3
- 0.3 - 0.6
- 0.6 - 0.9
- 0.9 - 1.2
- > 1.2

CLIENT:

Frodsham Solar Ltd

www.waterco.co.uk

SCHEME:

Frodsham Solar

PLOT TITLE:

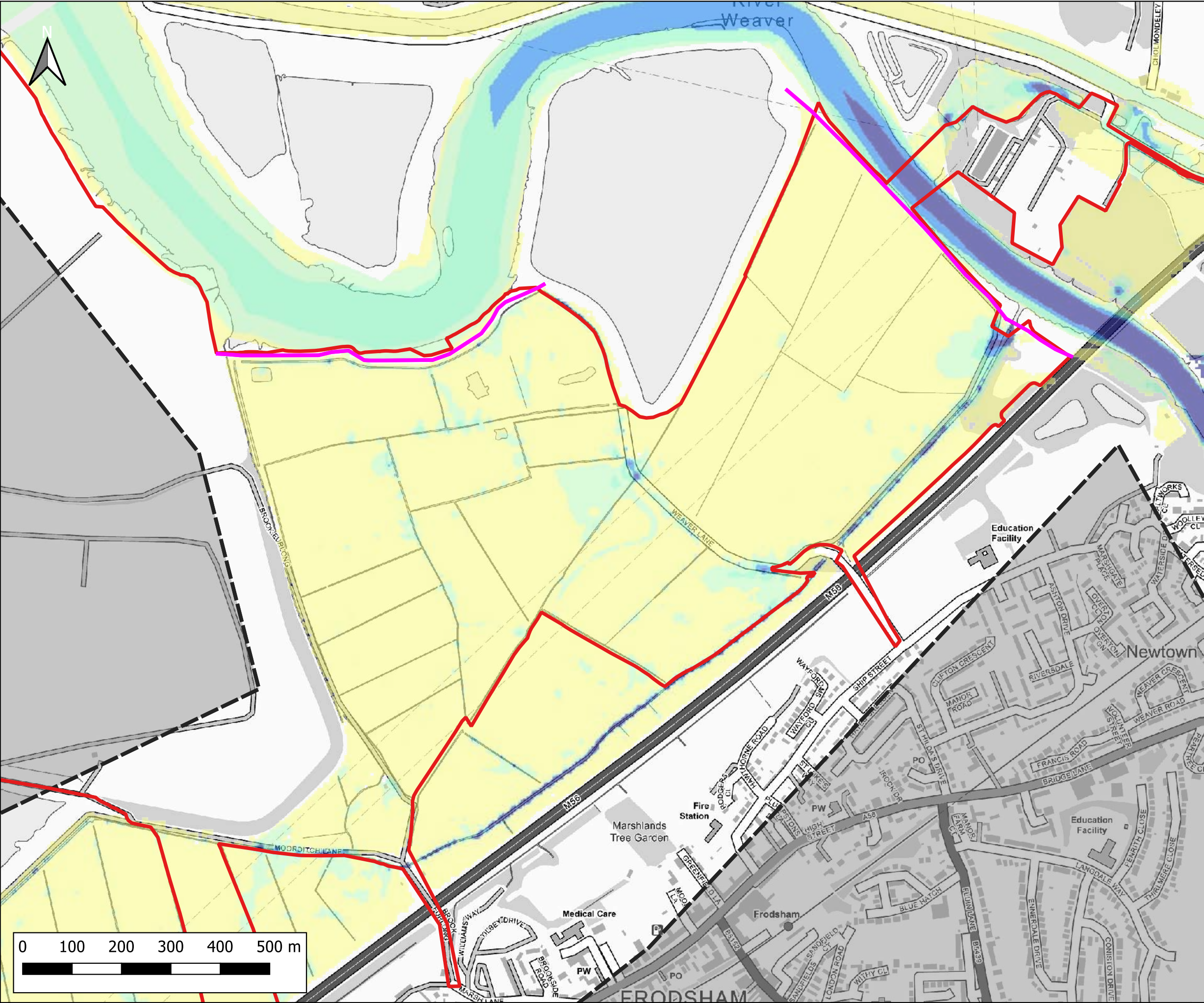
River Weaver Maximum Flood Velocity  
1% AEP +67% CC Fluvial Event  
0.5% AEP Tidal Event (2075)  
Defended Proposed Development Scenario (DEV)

PLOT STATUS:		DATE:	
FINAL		17-10-2025	

DRAWN:	CHECKED:	APPROVED:	PLOT SCALE AT A3:
MH	AP	LS	1:7500

PLOT NAME:	REVISION:
14740_LW_DEF_DEV3_Q100CC67_M(LOW)_ME(T200HC_2075UE)_052_V_Max	-





Notes:  
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

**LEGEND**

- Site Boundary
- 2D Model Extent
- River Weaver Flood Defences

Maximum Flood Velocity (m/s)

- 0.0 - 0.3
- 0.3 - 0.6
- 0.6 - 0.9
- 0.9 - 1.2
- > 1.2

CLIENT:

Frodsham Solar Ltd

www.waterco.co.uk

SCHEME:

Frodsham Solar

PLOT TITLE:

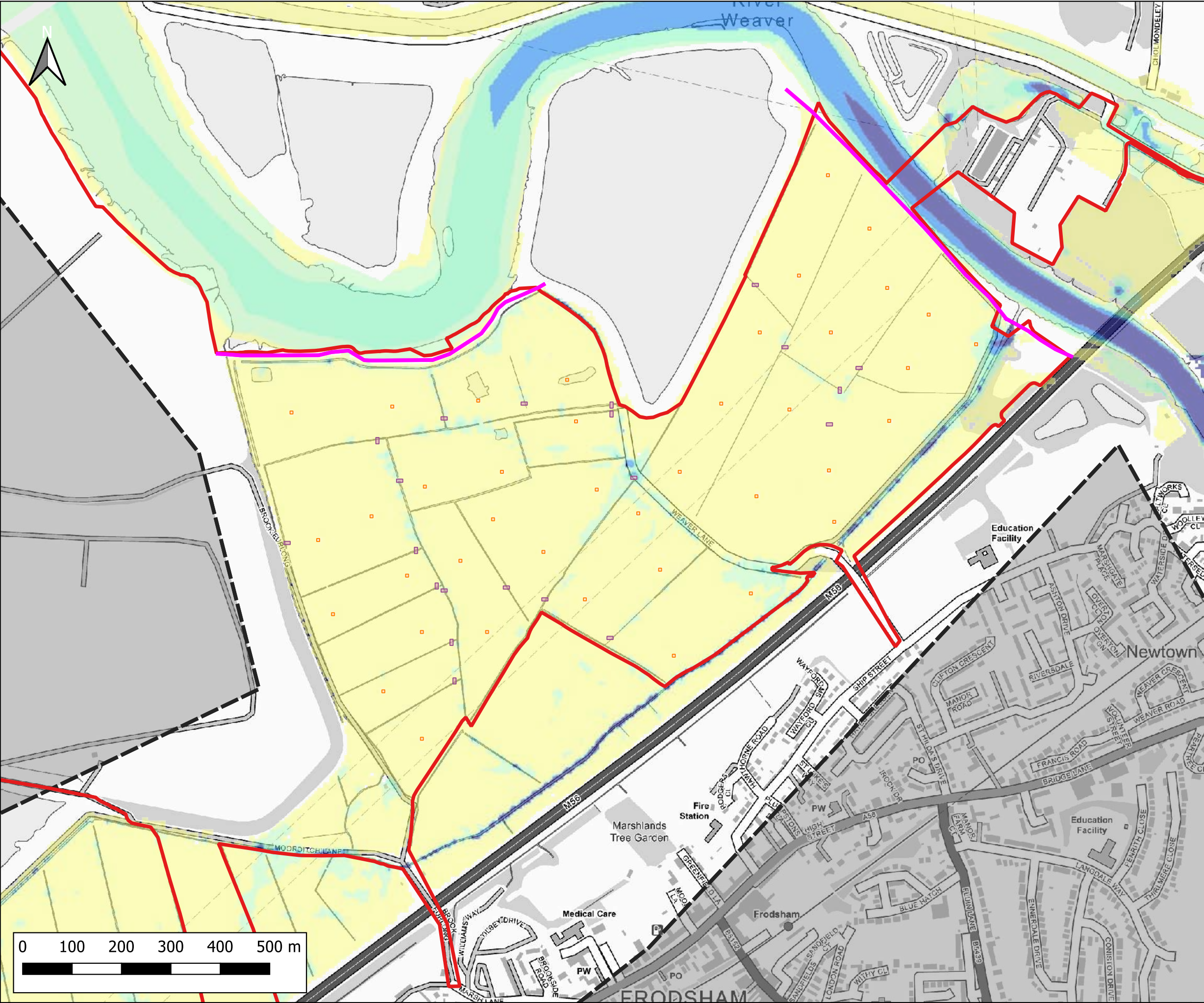
River Weaver Maximum Flood Velocity  
1% AEP +106% CC Fluvial Event  
MWHS +CC Tidal Event  
Defended Existing Scenario (EXG)

PLOT STATUS:			DATE:
FINAL			17-10-2025

DRAWN:	CHECKED:	APPROVED:	PLOT SCALE AT A3:
MH	AP	LS	1:7500

PLOT NAME:	REVISION:
14740_LW_DEF_EXG_Q100CC106_M(LOW)_ME(MHWS)CC_052_V_Max	-





Notes:  
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

**LEGEND**

- Site Boundary
- 2D Model Extent
- River Weaver Flood Defences
- Proposed Volume Displacement
- Proposed Crossings

Maximum Flood Velocity (m/s)

- 0.0 - 0.3
- 0.3 - 0.6
- 0.6 - 0.9
- 0.9 - 1.2
- > 1.2

Weston  
Frodsham  
River Weaver

CLIENT:  
**Frodsham Solar Ltd**

**waterco**  
www.waterco.co.uk

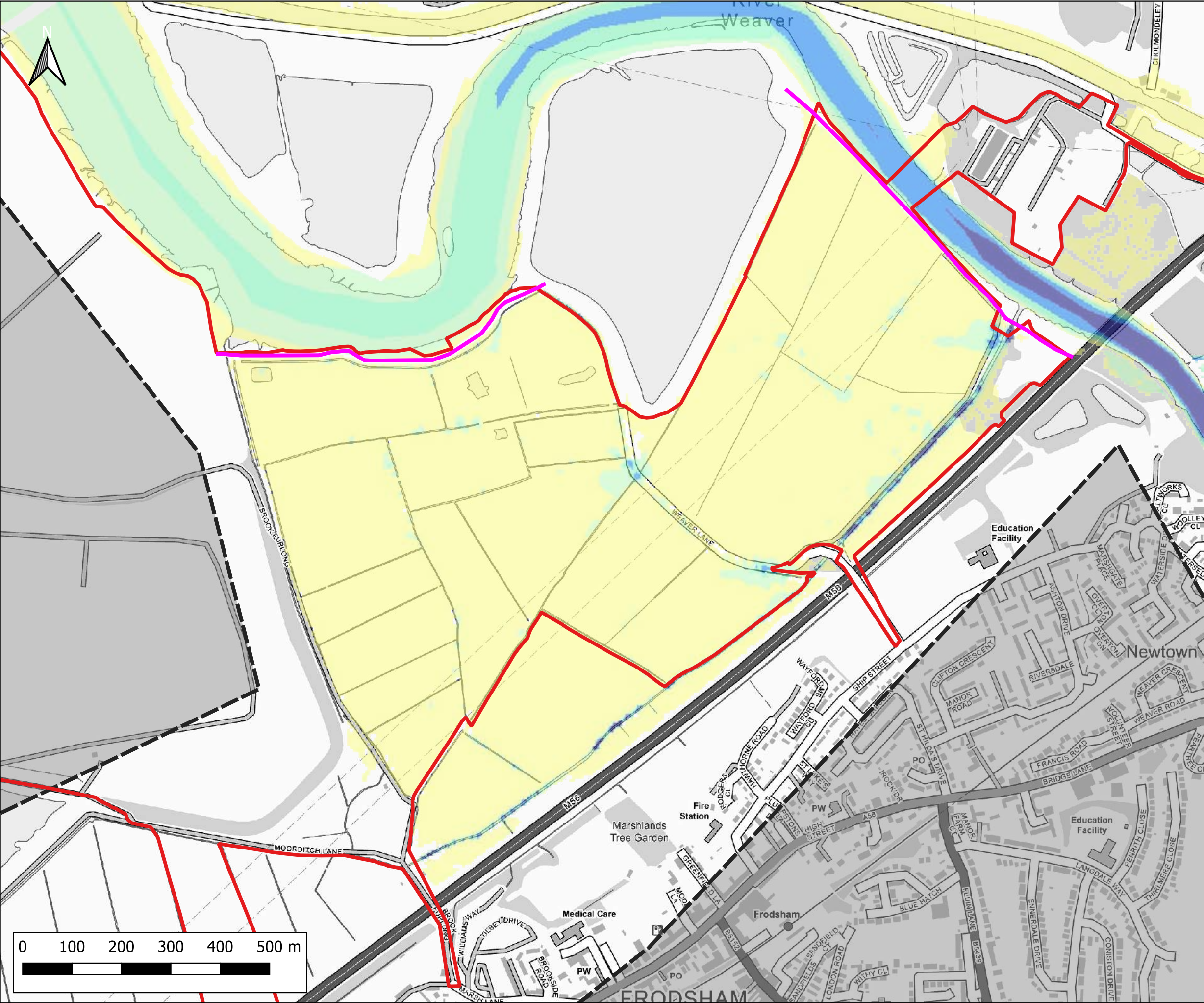
SCHEME:  
**Frodsham Solar**

PLOT TITLE:  
River Weaver Maximum Flood Velocity  
1% AEP +106% CC Fluvial Event  
MWHS +CC Tidal Event  
Defended Proposed Development Scenario (DEV)

PLOT STATUS: <b>FINAL</b>		DATE: <b>17-10-2025</b>
DRAWN: <b>MH</b>	CHECKED: <b>AP</b>	APPROVED: <b>LS</b>
PLOT NAME: 14740_LW_DEF_DEV3_Q100CC106_M(LOW)_ME(MHWSCC)_052_V_Max		REVISION: -

PLOT SCALE AT A3:  
**1:7500**





Notes:  
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

**LEGEND**

- Site Boundary
- 2D Model Extent
- River Weaver Flood Defences

Maximum Flood Velocity (m/s)

- 0.0 - 0.3
- 0.3 - 0.6
- 0.6 - 0.9
- 0.9 - 1.2
- > 1.2

CLIENT:

Frodsham Solar Ltd

www.waterco.co.uk

SCHEME:

Frodsham Solar

PLOT TITLE:

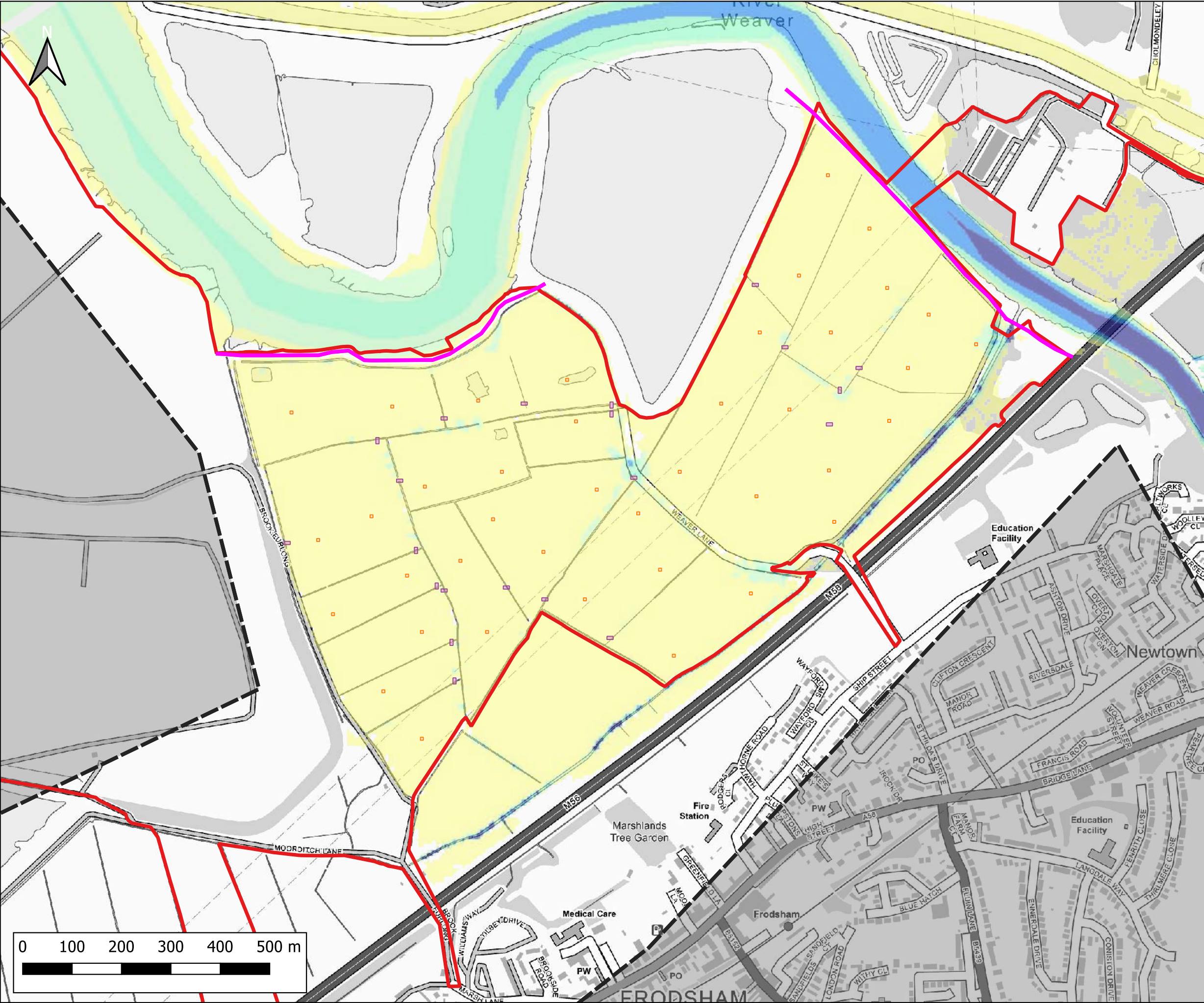
River Weaver Maximum Flood Velocity  
0.1% AEP Fluvial Event  
MWHS Tidal Event  
Defended Existing Scenario (EXG)

PLOT STATUS:			DATE:
FINAL			17-10-2025

DRAWN:	CHECKED:	APPROVED:	PLOT SCALE AT A3:
MH	AP	LS	1:7500

PLOT NAME:	REVISION:
14740_LW_DEF_EXG_Q1000_M(LOW)_ME(MHWS)_052_V_Max	-





Notes:  
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

**LEGEND**

- Site Boundary
- 2D Model Extent
- River Weaver Flood Defences
- Proposed Volume Displacement
- Proposed Crossings

Maximum Flood Velocity (m/s)

- 0.0 - 0.3
- 0.3 - 0.6
- 0.6 - 0.9
- 0.9 - 1.2
- > 1.2

CLIENT:

Frodsham Solar Ltd

www.waterco.co.uk

SCHEME:

Frodsham Solar

PLOT TITLE:

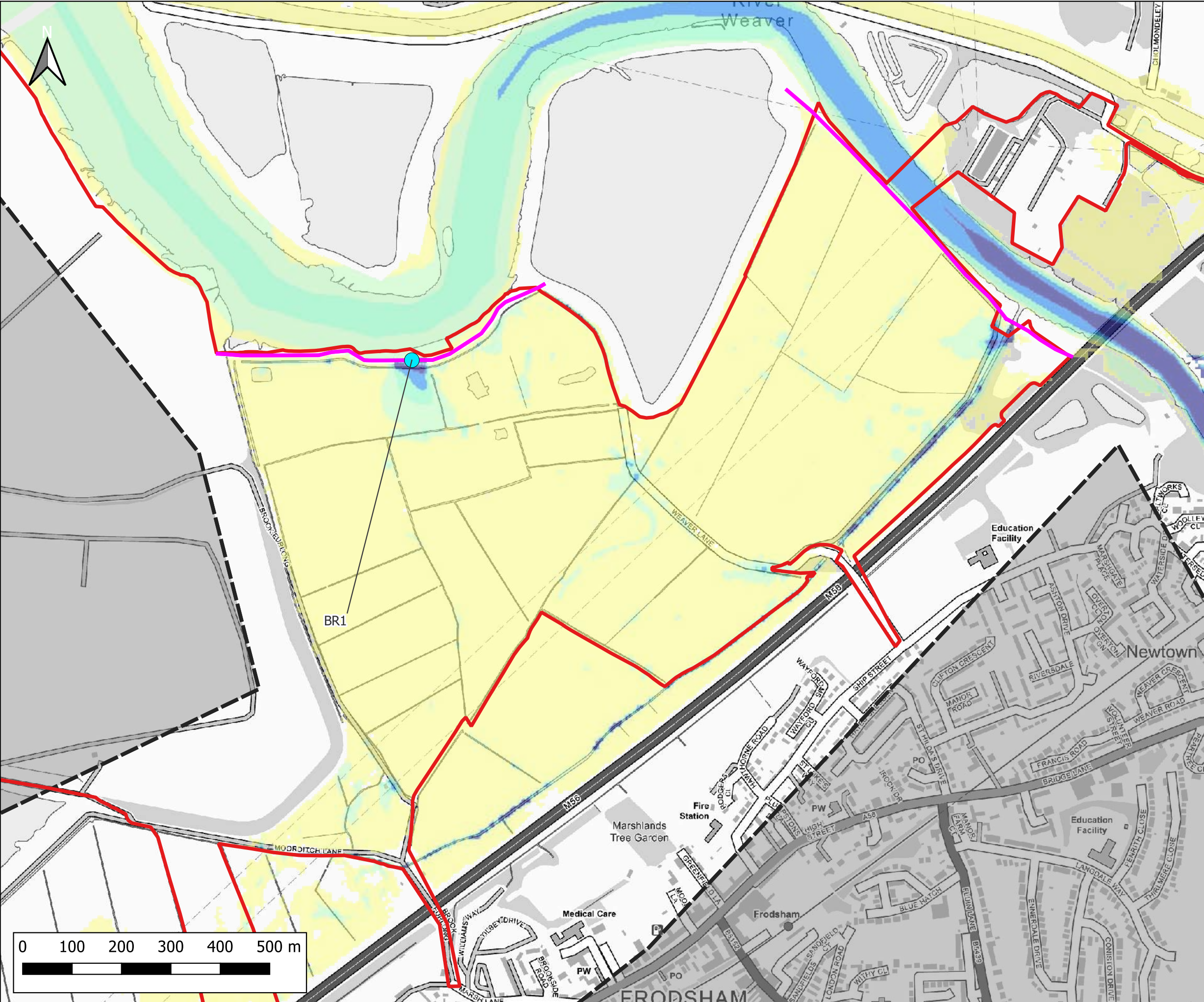
River Weaver Maximum Flood Velocity  
0.1% AEP Fluvial Event  
MWHS Tidal Event  
Defended Proposed Development Scenario (DEV)

PLOT STATUS:		DATE:	
FINAL		17-10-2025	

DRAWN:	CHECKED:	APPROVED:	PLOT SCALE AT A3:
MH	AP	LS	1:7500

PLOT NAME:	REVISION:
14740_LW_DEF_DEV3_Q1000_M(LOW)_ME(MHWS)_052_V_Max	-





Notes:  
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

**LEGEND**

- Site Boundary
- 2D Model Extent
- River Weaver Flood Defences
- Breach 1 Location (BR1)

Maximum Flood Velocity (m/s)

- 0.0 - 0.3
- 0.3 - 0.6
- 0.6 - 0.9
- 0.9 - 1.2
- > 1.2

CLIENT:

Frodsham Solar Ltd

**waterco**

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SCHEME:

Frodsham Solar

PLOT TITLE:

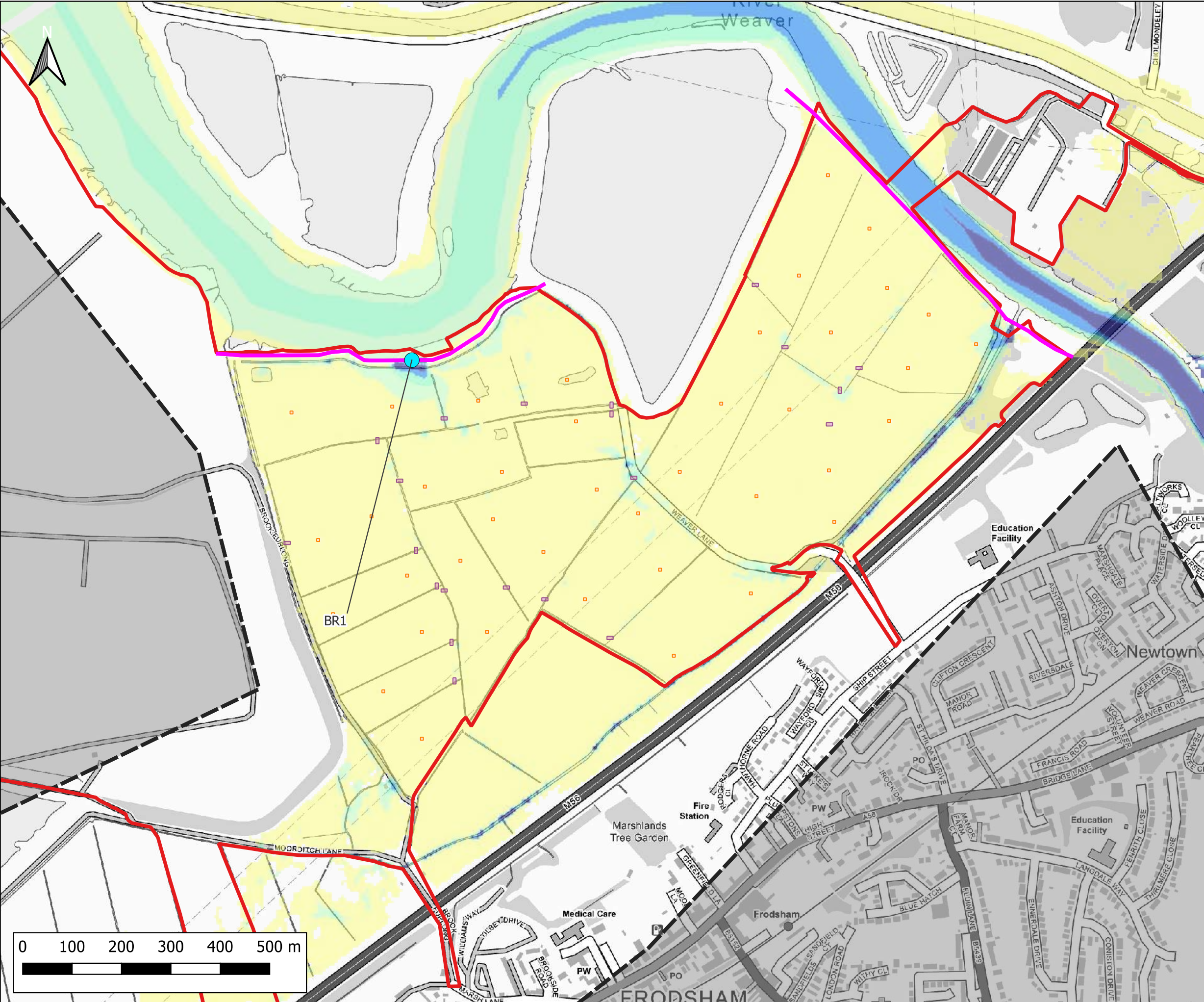
River Weaver Maximum Flood Velocity  
1% AEP +67% CC Fluvial Event  
MWHS +CC Tidal Event  
Breach 1 Existing Scenario (EXG)

PLOT STATUS:		DATE:	
FINAL		17-10-2025	

DRAWN:	CHECKED:	APPROVED:	PLOT SCALE AT A3:
MH	AP	LS	1:7500

PLOT NAME:	REVISION:
14740_LW_BR1_EXG_Q100CC67_M(LOW)_ME(MHWSCC)_052_V_Max	-





Notes:  
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

**LEGEND**

- Site Boundary
- 2D Model Extent
- River Weaver Flood Defences
- Proposed Volume Displacement
- Proposed Crossings
- Breach 1 Location (BR1)

Maximum Flood Velocity (m/s)

- 0.0 - 0.3
- 0.3 - 0.6
- 0.6 - 0.9
- 0.9 - 1.2
- > 1.2

CLIENT:

Frodsham Solar Ltd

www.waterco.co.uk

SCHEME:

Frodsham Solar

PLOT TITLE:

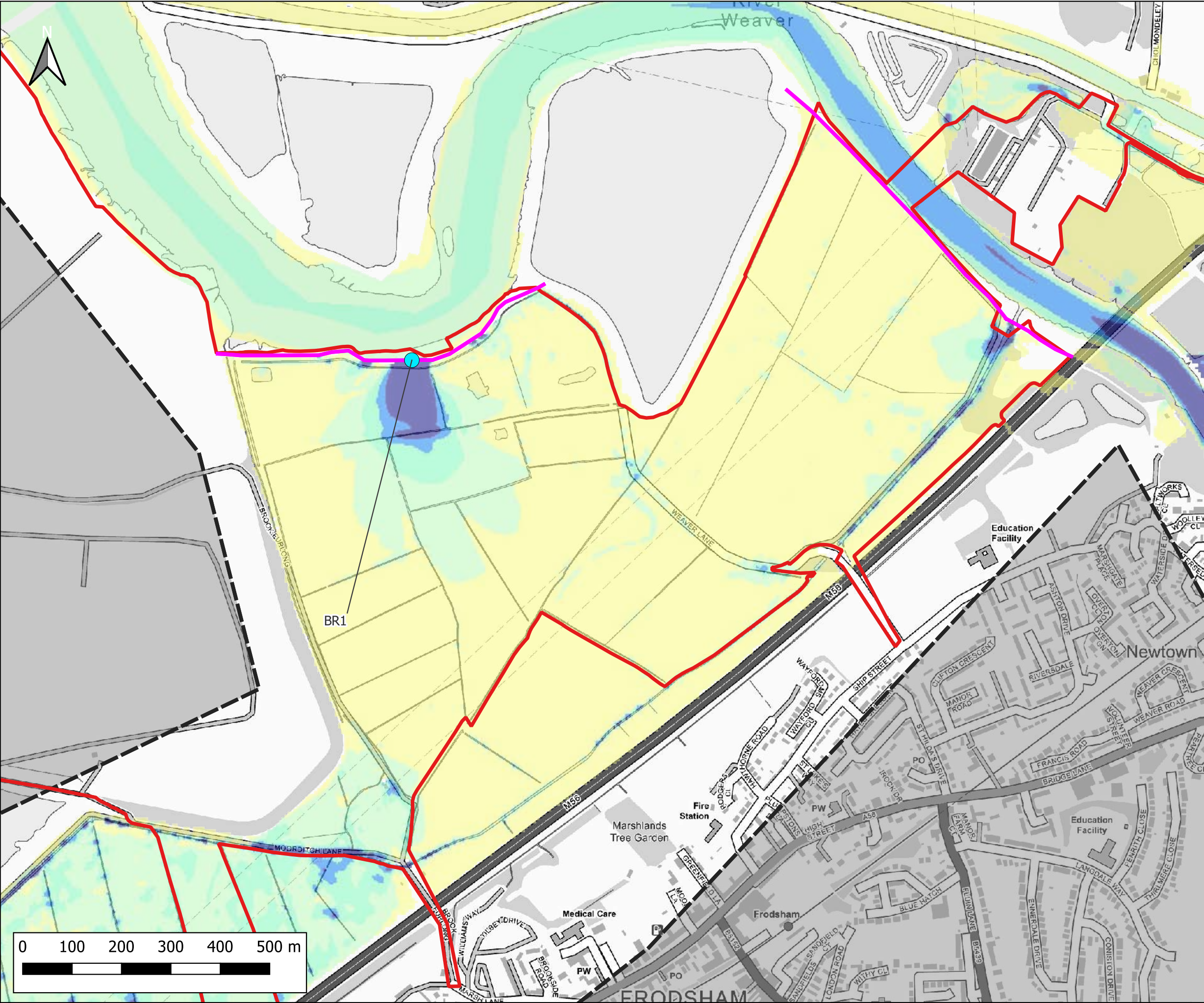
River Weaver Maximum Flood Velocity  
1% AEP +67% CC Fluvial Event  
MWHS +CC Tidal Event  
Breach 1 Proposed Development Scenario (DEV)

PLOT STATUS:			DATE:
FINAL			17-10-2025

DRAWN:	CHECKED:	APPROVED:	PLOT SCALE AT A3:
MH	AP	LS	1:7500

PLOT NAME:	REVISION:
14740_LW_BR1_DEV3_Q100CC67_M(LOW)_ME(MHWS02)_052_V_Max	-





Notes:  
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

**LEGEND**

- Site Boundary
- 2D Model Extent
- River Weaver Flood Defences
- Breach 1 Location (BR1)

Maximum Flood Velocity (m/s)

- 0.0 - 0.3
- 0.3 - 0.6
- 0.6 - 0.9
- 0.9 - 1.2
- > 1.2

CLIENT:

Frodsham Solar Ltd

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SCHEME:

Frodsham Solar

PLOT TITLE:

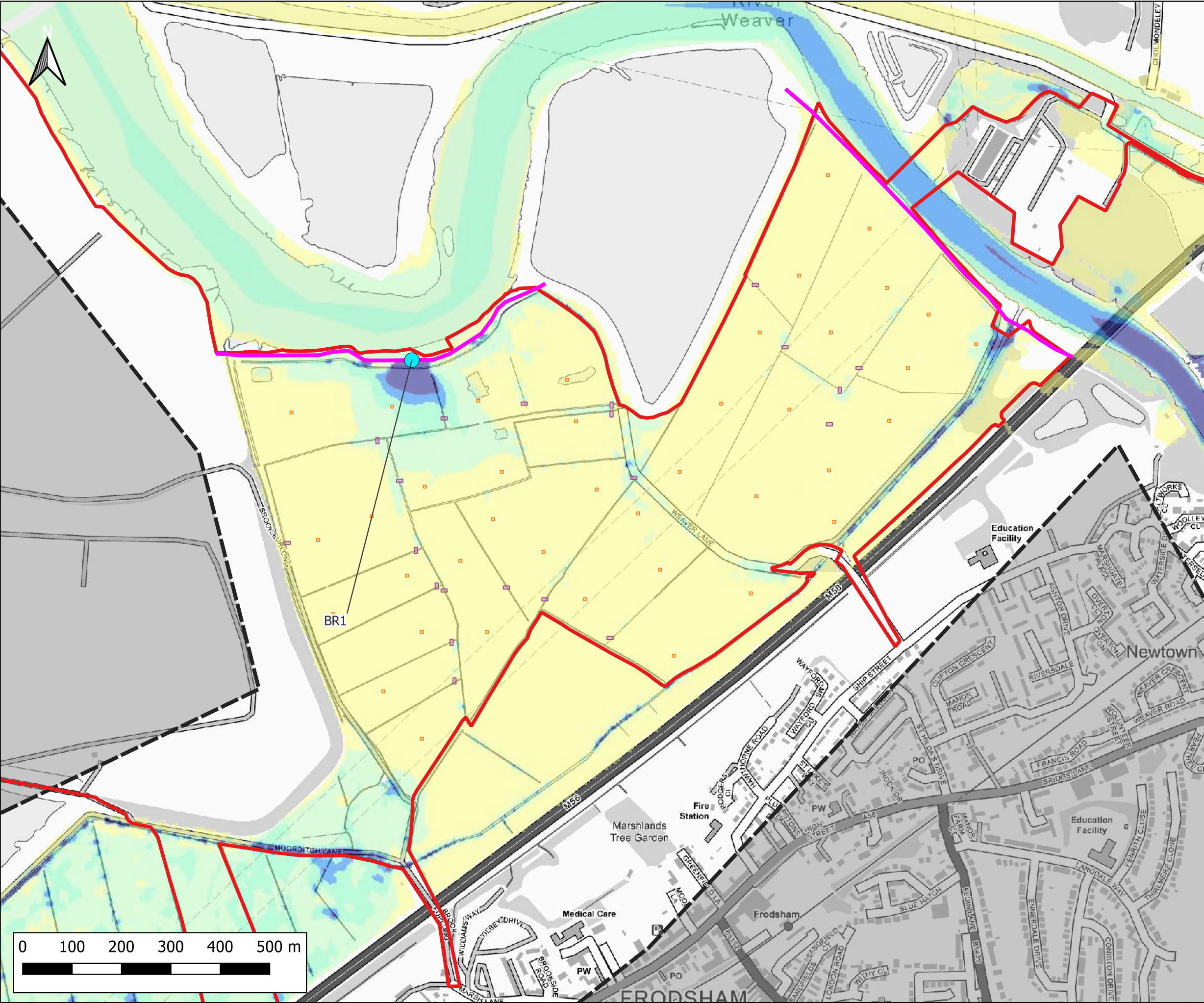
River Weaver Maximum Flood Velocity  
1% AEP +67% CC Fluvial Event  
0.5% AEP Tidal Event (2075)  
Breach 1 Existing Scenario (EXG)

PLOT STATUS:		DATE:	
FINAL		17-10-2025	

DRAWN:	CHECKED:	APPROVED:	PLOT SCALE AT A3:
MH	AP	LS	1:7500

PLOT NAME:	REVISION:
14740_LW_BR1_EXG_Q100CC67_M(LOW)_ME(T200HC_2075UE)_052_V_Max	-





Notes:  
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

**LEGEND**

- Site Boundary
- 2D Model Extent
- River Weaver Flood Defences
- Proposed Volume Displacement
- Proposed Crossings
- Breach 1 Location (BR1)

Maximum Flood Velocity (m/s)

- 0.0 - 0.3
- 0.3 - 0.6
- 0.6 - 0.9
- 0.9 - 1.2
- > 1.2

CLIENT:

Frodsham Solar Ltd

www.waterco.co.uk

SCHEME:

Frodsham Solar

PLOT TITLE:

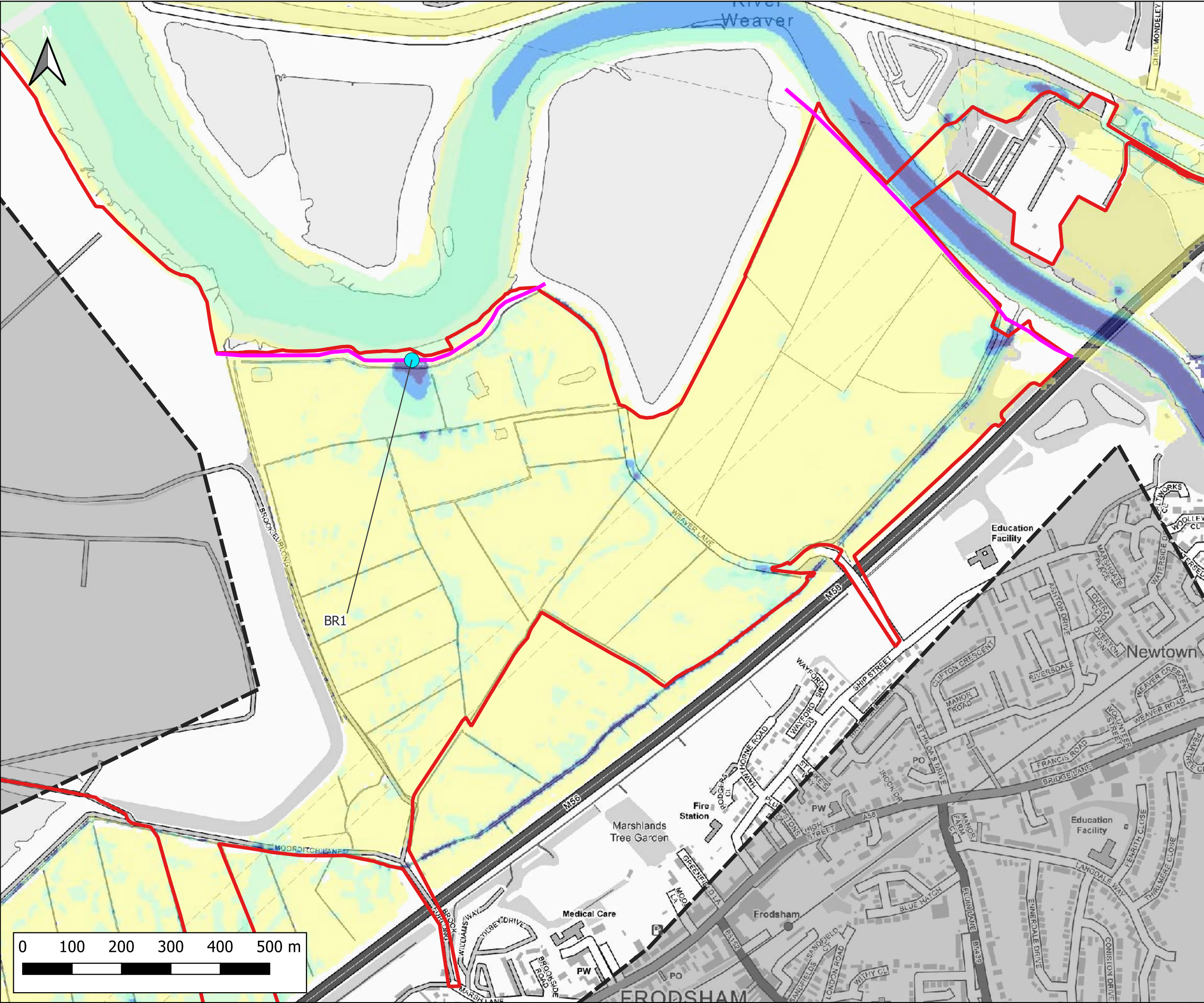
River Weaver Maximum Flood Velocity  
1% AEP +67% CC Fluvial Event  
0.5% AEP Tidal Event (2075)  
Breach 1 Proposed Development Scenario (DEV)

PLOT STATUS:			DATE:
FINAL			17-10-2025

DRAWN:	CHECKED:	APPROVED:	PLOT SCALE AT A3:
MH	AP	LS	1:7500

PLOT NAME:	REVISION:
14740_LW_BR1_DEV3_Q100CC67_M(LOW)_ME(T200HC_2075UE)_052_V_Max	-





Notes:  
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

**LEGEND**

- Site Boundary
- 2D Model Extent
- River Weaver Flood Defences
- Breach 1 Location (BR1)

Maximum Flood Velocity (m/s)

- 0.0 - 0.3
- 0.3 - 0.6
- 0.6 - 0.9
- 0.9 - 1.2
- > 1.2

CLIENT:

Frodsham Solar Ltd

www.waterco.co.uk

SCHEME:

Frodsham Solar

PLOT TITLE:

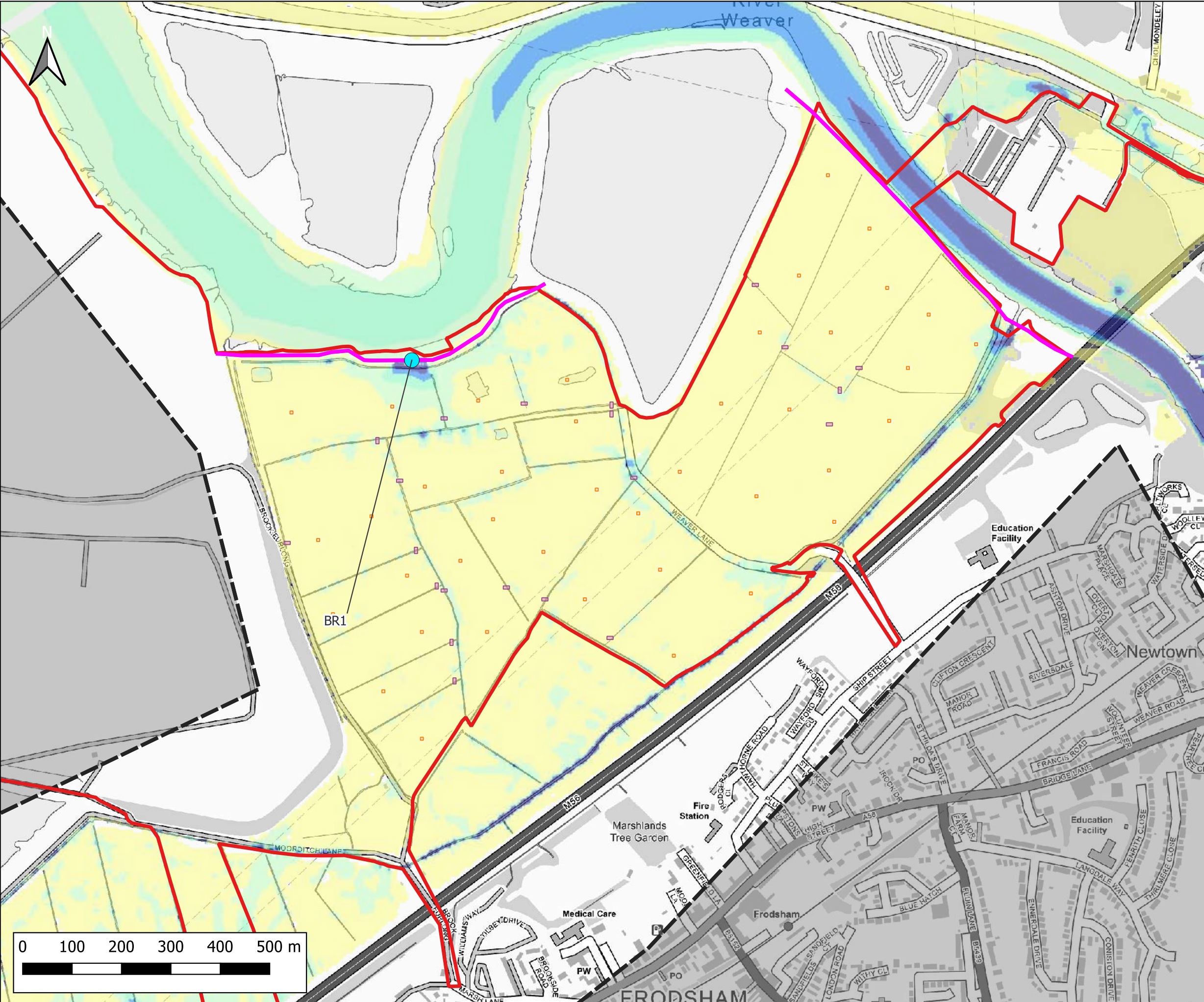
River Weaver Maximum Flood Velocity  
1% AEP +106% CC Fluvial Event  
MWHS +CC Tidal Event  
Breach 1 Existing Scenario (EXG)

PLOT STATUS:			DATE:
FINAL			17-10-2025

DRAWN:	CHECKED:	APPROVED:	PLOT SCALE AT A3:
MH	AP	LS	1:7500

PLOT NAME:	REVISION:
14740_LW_BR1_EXG_Q100CC106_M(LOW)_ME(MHWSCC)_052_V_Max	-





Notes:  
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

**LEGEND**

- Site Boundary
- 2D Model Extent
- River Weaver Flood Defences
- Proposed Volume Displacement
- Proposed Crossings
- Breach 1 Location (BR1)

Maximum Flood Velocity (m/s)

- 0.0 - 0.3
- 0.3 - 0.6
- 0.6 - 0.9
- 0.9 - 1.2
- > 1.2

CLIENT:

Frodsham Solar Ltd

www.waterco.co.uk

SCHEME:

Frodsham Solar

PLOT TITLE:

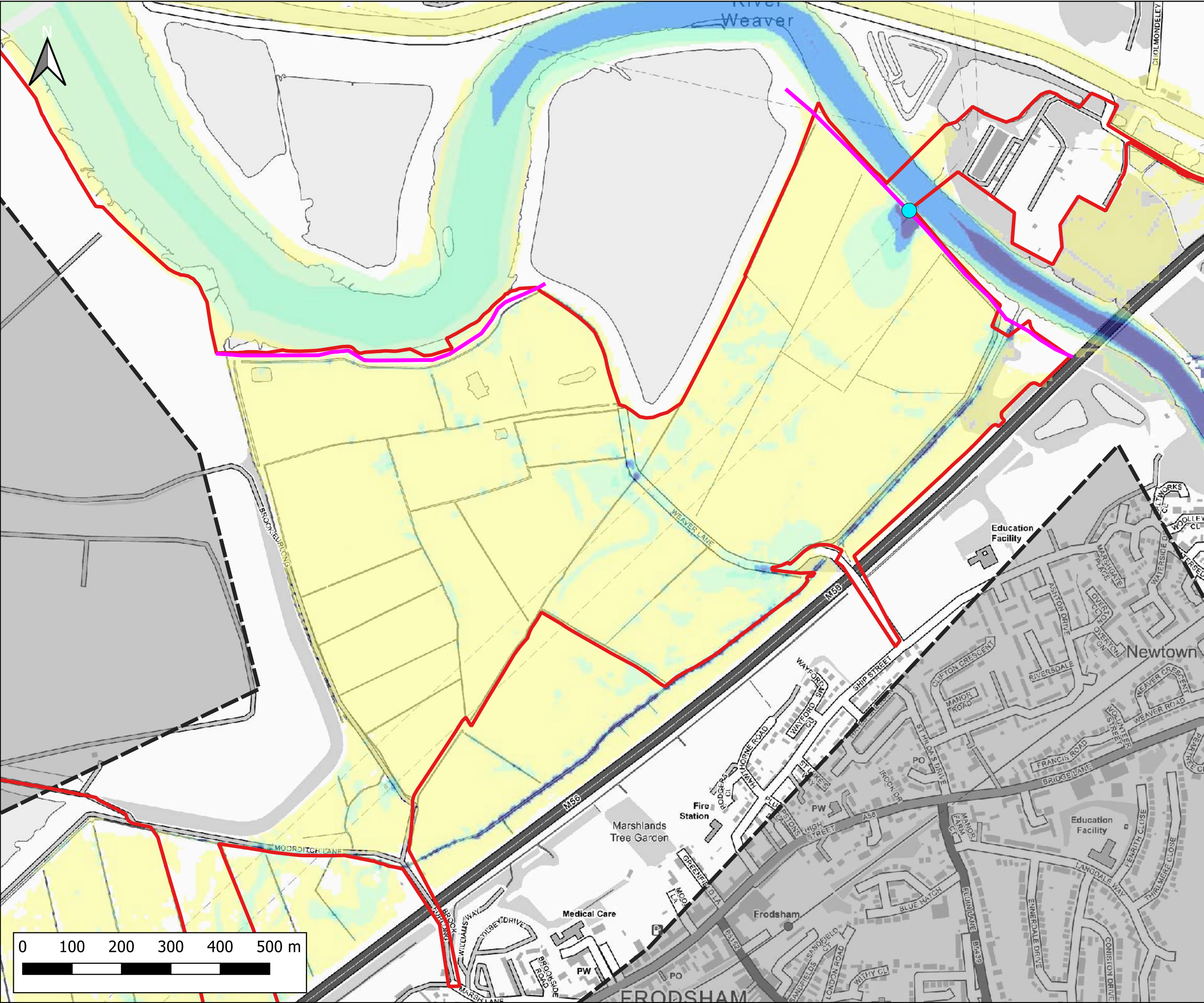
River Weaver Maximum Flood Velocity  
1% AEP +106% CC Fluvial Event  
MWHS +CC Tidal Event  
Breach 1 Proposed Development Scenario (DEV)

PLOT STATUS:			DATE:
FINAL			17-10-2025

DRAWN:	CHECKED:	APPROVED:	PLOT SCALE AT A3:
MH	AP	LS	1:7500

PLOT NAME:	REVISION:
14740_LW_BR1_DEV3_Q100CC106_M(LOW)_ME(MHWSCC)_052_V_Max	-





Notes:  
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

**LEGEND**  

Site Boundary

2D Model Extent

River Weaver Flood Defences

Breach 2 Location (BR2)

Maximum Flood Velocity (m/s)  

0.0 - 0.3

0.3 - 0.6

0.6 - 0.9

0.9 - 1.2

> 1.2

CLIENT:

Frodsham Solar Ltd

[www.waterco.co.uk](http://www.waterco.co.uk)

SCHEME:

Frodsham Solar

PLOT TITLE:

River Weaver Maximum Flood Velocity  
1% AEP +67% CC Fluvial Event  
MWHS +CC Tidal Event  
Breach 2 Existing Scenario (EXG)

PLOT STATUS:

FINAL

DATE:

17-10-2025

DRAWN:

CHHECKED:

APPROVED:

PLOT SCALE AT A3:

MH

AP

LS

1:7500

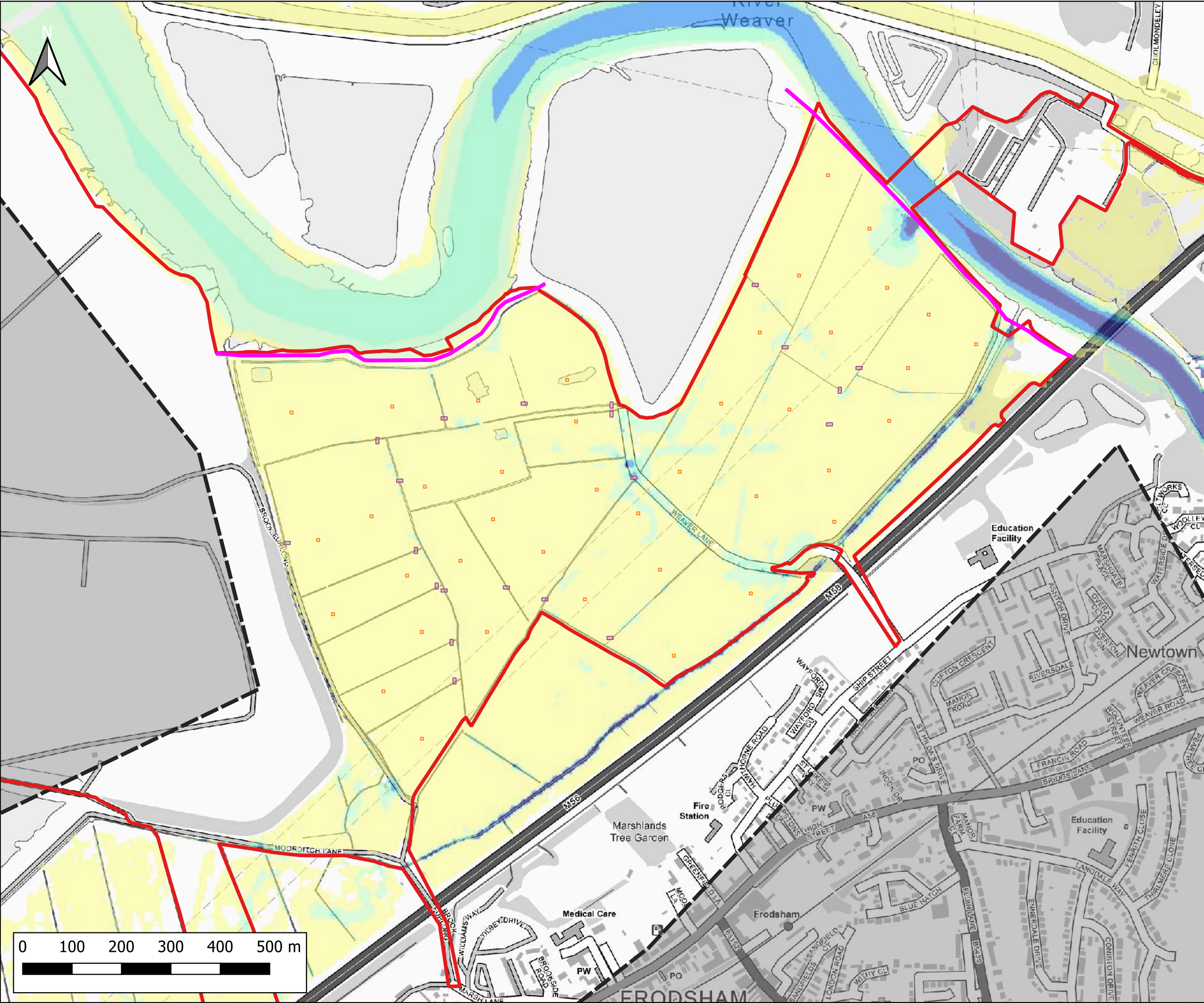
PLOT NAME:

14740\_LW\_BR2\_EXG\_Q100CC67\_M(LOW)\_ME(MHWSCC)\_052\_V\_Max

REVISION:

-





Notes:  
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

**LEGEND**

- Site Boundary
- 2D Model Extent
- River Weaver Flood Defences
- Proposed Volume Displacement
- Proposed Crossings

Maximum Flood Velocity (m/s)

- 0.0 - 0.3
- 0.3 - 0.6
- 0.6 - 0.9
- 0.9 - 1.2
- > 1.2

Weston  
3  
12  
River Weaver  
East  
FRODSHAM

CLIENT:

Frodsham Solar Ltd

**waterco**  
www.waterco.co.uk

SCHEME:

Frodsham Solar

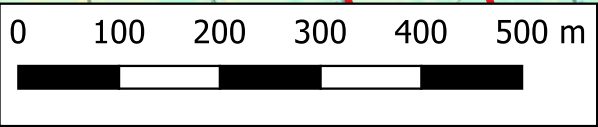
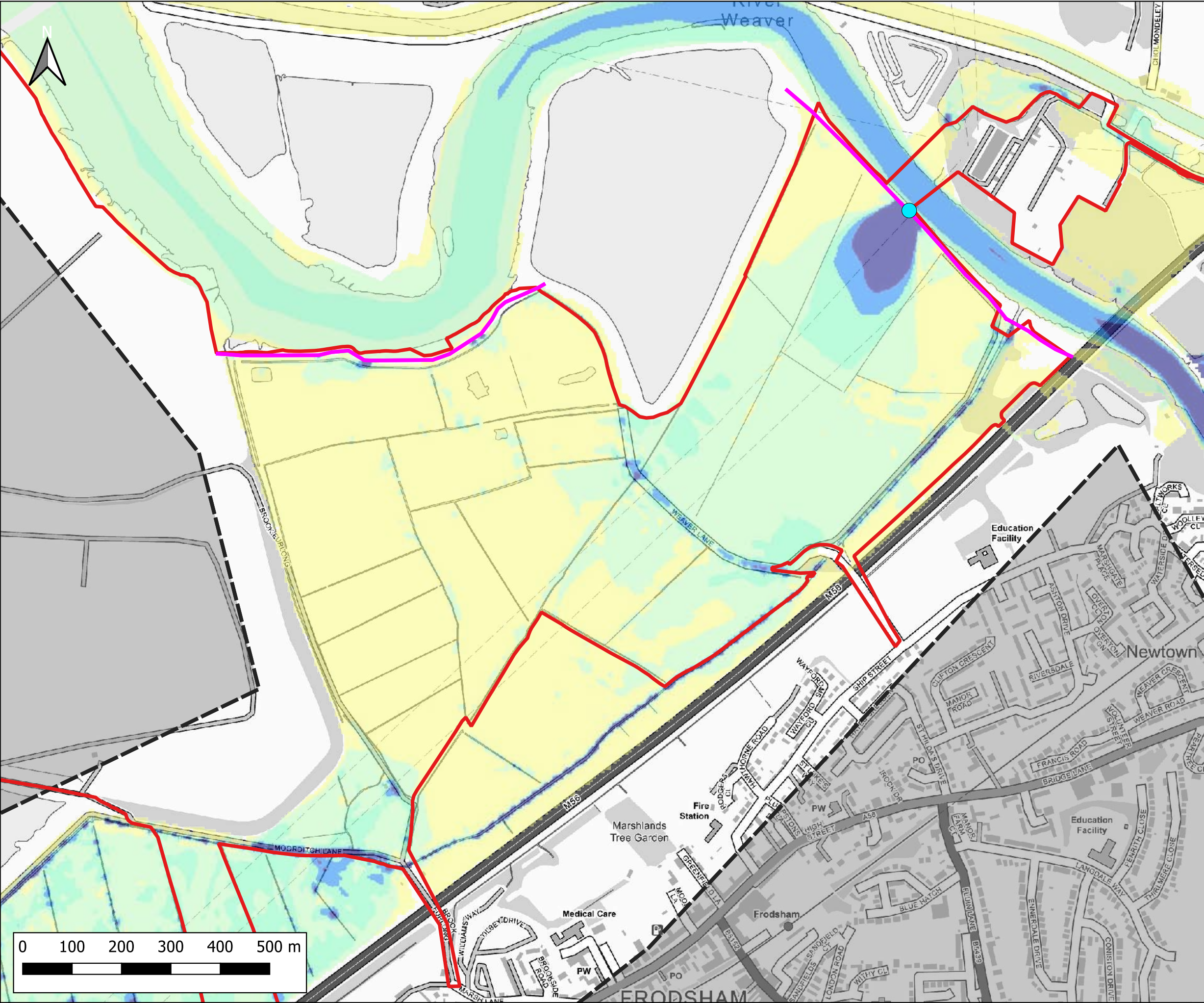
PLOT TITLE:  
River Weaver Maximum Flood Velocity  
1% AEP +67% CC Fluvial Event  
MWHS +CC Tidal Event  
Breach 2 Proposed Development Scenario (DEV)

PLOT STATUS:		DATE:	
FINAL		17-10-2025	

DRAWN:	CHECKED:	APPROVED:	PLOT SCALE AT A3:
MH	AP	LS	1:7500

PLOT NAME:	REVISION:
14740_LW_BR2_DEV3_Q100CC67_M(LOW)_ME(MHWS)CC_052_V_Max	-





**Notes:**  
 1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

**LEGEND**

- Site Boundary
- 2D Model Extent
- River Weaver Flood Defences
- Breach 2 Location (BR2)

Maximum Flood Velocity (m/s)

- 0.0 - 0.3
- 0.3 - 0.6
- 0.6 - 0.9
- 0.9 - 1.2
- > 1.2

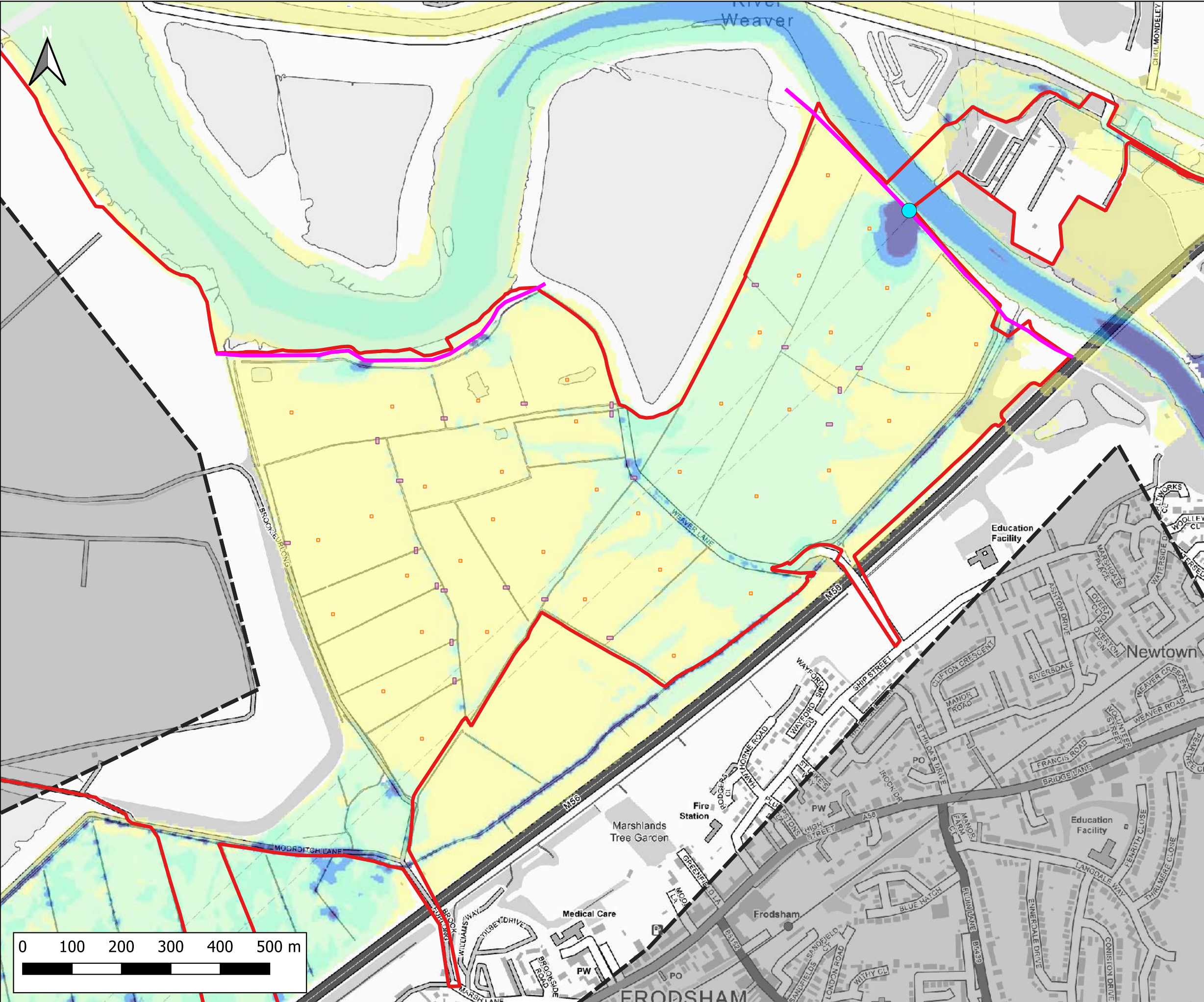
**CLIENT:**  
 Frodsham Solar Ltd

**SCHEME:**  
 Frodsham Solar

**PLOT TITLE:**  
 River Weaver Maximum Flood Velocity  
 1% AEP +67% CC Fluvial Event  
 0.5% AEP Tidal Event (2075)  
 Breach 2 Existing Scenario (EXG)

<b>PLOT STATUS:</b> FINAL		<b>DATE:</b> 17-10-2025	
<b>DRAWN:</b> MH	<b>CHECKED:</b> AP	<b>APPROVED:</b> LS	<b>PLOT SCALE AT A3:</b> 1:7500
<b>PLOT NAME:</b> 14740_LW_BR2_EXG_Q100CC67_M(LOW)_ME(T200HC_2075UE)_052_V_Max			<b>REVISION:</b> -





Notes:  
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

**LEGEND**

- Site Boundary
- 2D Model Extent
- River Weaver Flood Defences
- Proposed Volume Displacement
- Proposed Crossings
- Breach 2 Location (BR2)

Maximum Flood Velocity (m/s)

- 0.0 - 0.3
- 0.3 - 0.6
- 0.6 - 0.9
- 0.9 - 1.2
- > 1.2

Weston

Frodsham

East

CLIENT:

Frodsham Solar Ltd

www.waterco.co.uk

SCHEME:

Frodsham Solar

PLOT TITLE:

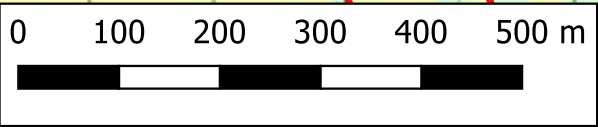
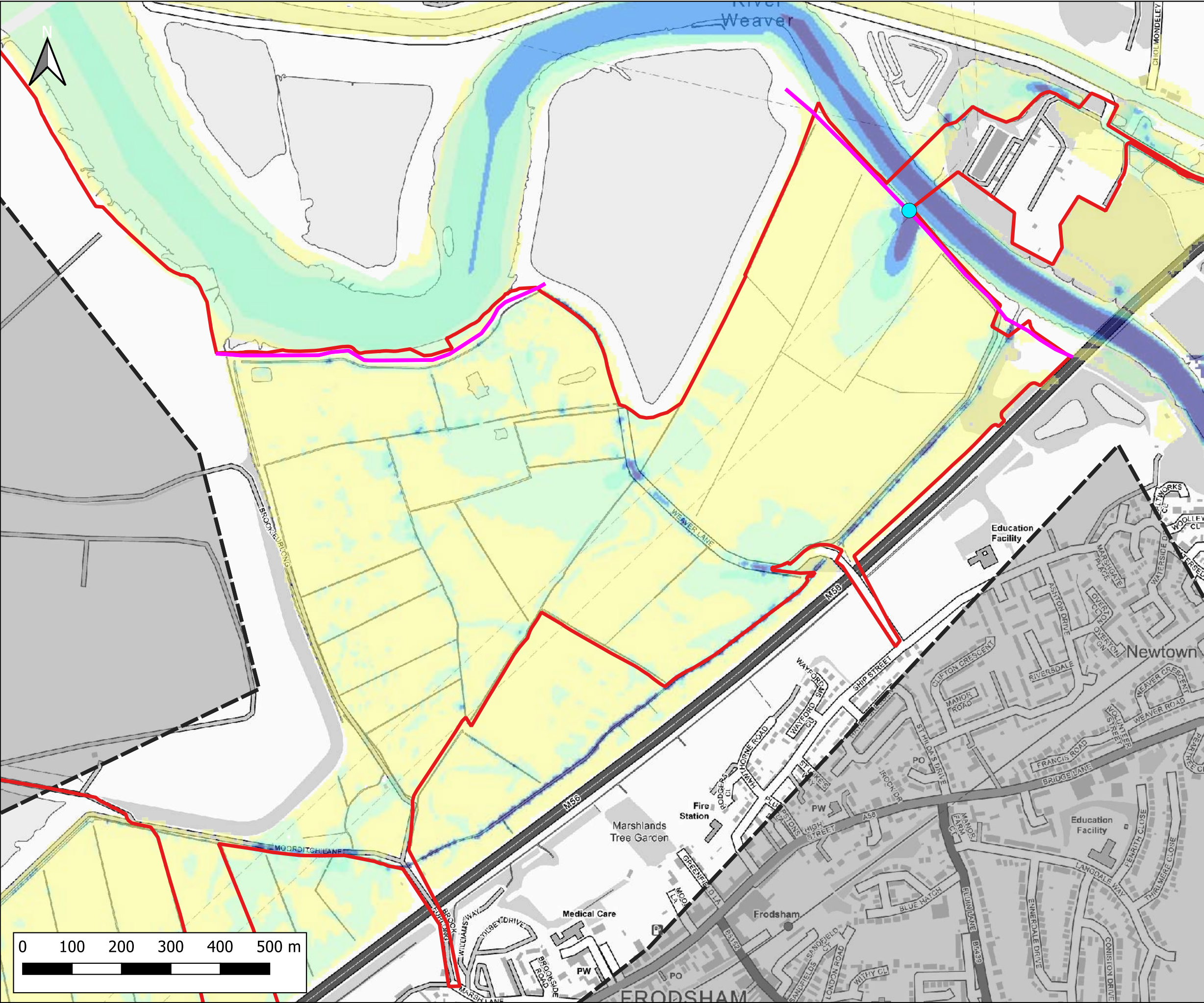
River Weaver Maximum Flood Velocity  
1% AEP +67% CC Fluvial Event  
0.5% AEP Tidal Event (2075)  
Breach 2 Proposed Development Scenario (DEV)

PLOT STATUS:		DATE:	
FINAL		17-10-2025	

DRAWN:	CHECKED:	APPROVED:	PLOT SCALE AT A3:
MH	AP	LS	1:7500

PLOT NAME:	REVISION:
14740_LW_BR2_DEV3_Q100CC67_M(LOW)_ME(T200HC_2075UE)_052_V_Max	-





**Notes:**  
 1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

**LEGEND**

- Site Boundary
- 2D Model Extent
- River Weaver Flood Defences
- Breach 2 Location (BR2)

Maximum Flood Velocity (m/s)

- 0.0 - 0.3
- 0.3 - 0.6
- 0.6 - 0.9
- 0.9 - 1.2
- > 1.2

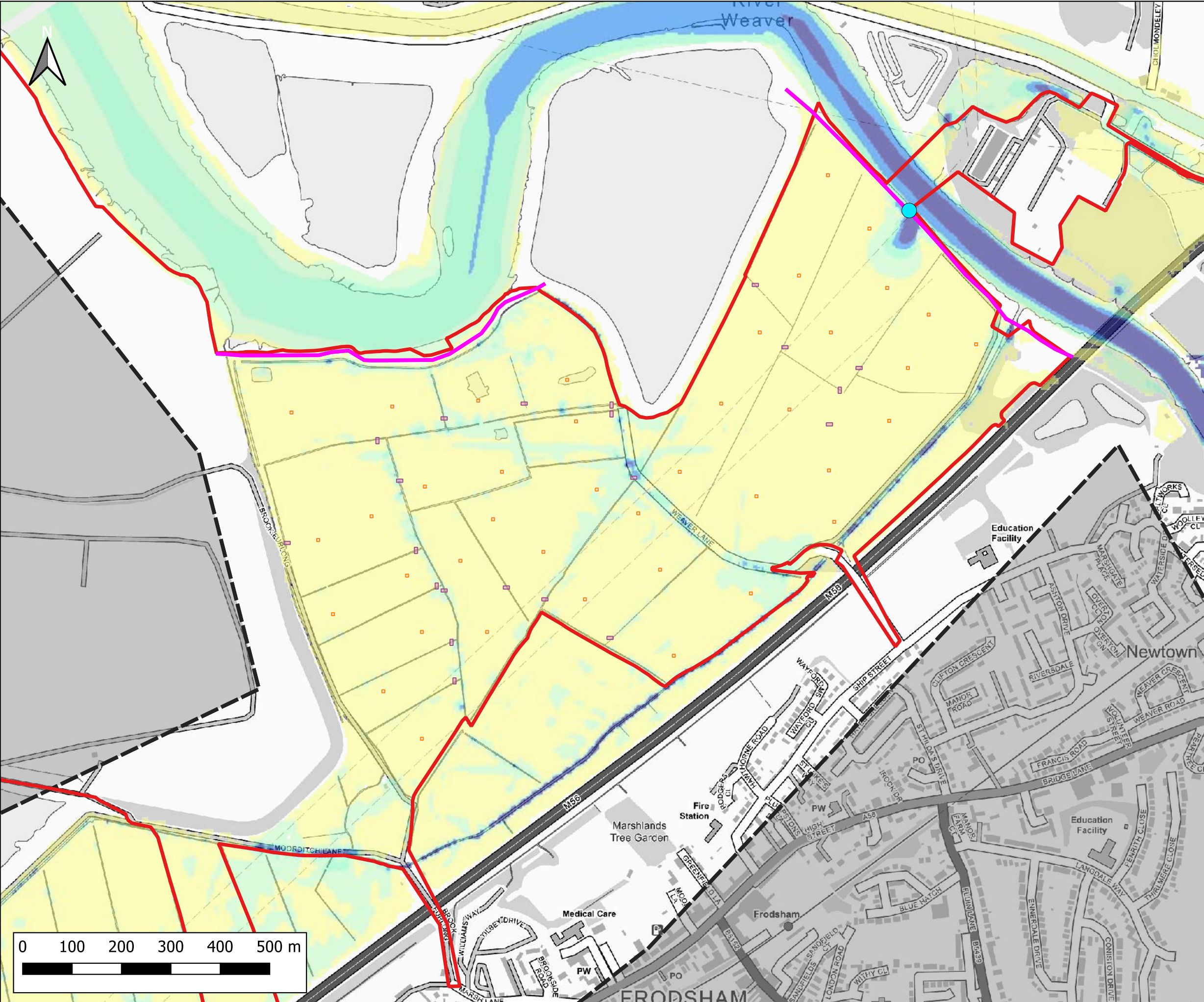
**CLIENT:**  
 Frodsham Solar Ltd

**SCHEME:**  
 Frodsham Solar

**PLOT TITLE:**  
 River Weaver Maximum Flood Velocity  
 1% AEP +106% CC Fluvial Event  
 MWHS +CC Tidal Event  
 Breach 2 Existing Scenario (EXG)

<b>PLOT STATUS:</b> FINAL		<b>DATE:</b> 17-10-2025	
<b>DRAWN:</b> MH	<b>CHECKED:</b> AP	<b>APPROVED:</b> LS	<b>PLOT SCALE AT A3:</b> 1:7500
<b>PLOT NAME:</b> 14740_LW_BR2_EXG_Q100CC106_M(LOW)_ME(MHWSCC)_052_V_Max			<b>REVISION:</b> -





Notes:  
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

**LEGEND**

- Site Boundary
- 2D Model Extent
- River Weaver Flood Defences
- Proposed Volume Displacement
- Proposed Crossings
- Breach 2 Location (BR2)

Maximum Flood Velocity (m/s)

- 0.0 - 0.3
- 0.3 - 0.6
- 0.6 - 0.9
- 0.9 - 1.2
- > 1.2

Weston  
Frodsham  
East

CLIENT:

Frodsham Solar Ltd

**waterco**  
www.waterco.co.uk

SCHEME:

Frodsham Solar

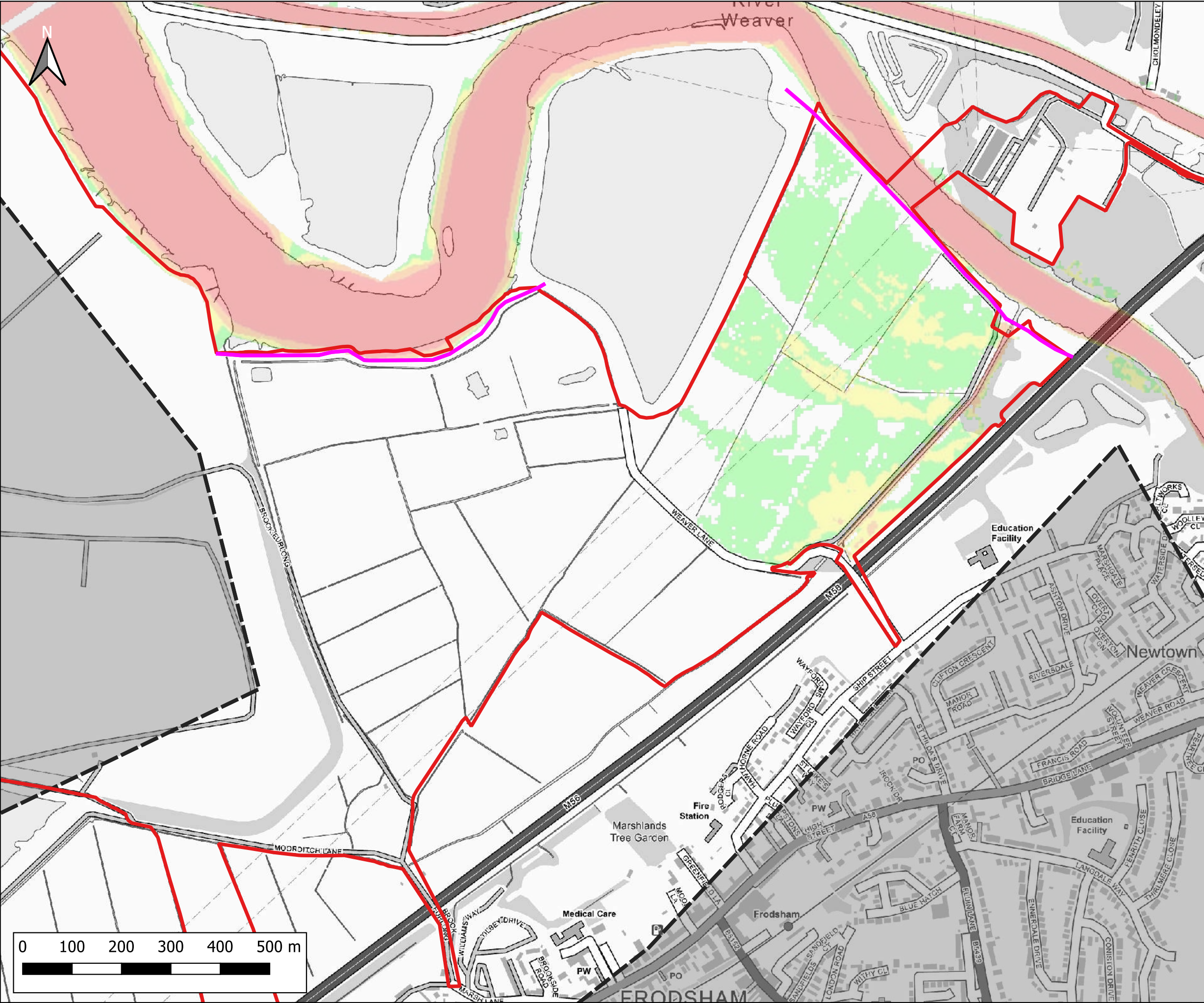
PLOT TITLE:  
River Weaver Maximum Flood Velocity  
1% AEP +106% CC Fluvial Event  
MWHS +CC Tidal Event  
Breach 2 Proposed Development Scenario (DEV)

PLOT STATUS:		DATE:
FINAL		17-10-2025

DRAWN:	CHECKED:	APPROVED:	PLOT SCALE AT A3:
MH	AP	LS	1:7500

PLOT NAME:	REVISION:
14740_LW_BR2_DEV3_Q100CC106_M(LOW)_ME(MHWSCC)_052_V_Max	-





Notes:  
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**LEGEND**

- Site Boundary
- 2D Model Extent
- River Weaver Flood Defences

Maximum Flood Hazard Rating (FD2320)

- Caution
- Danger for Some
- Danger for Most
- Danger for All

CLIENT:

Frodsham Solar Ltd

www.waterco.co.uk

SCHEME:

Frodsham Solar

PLOT TITLE:

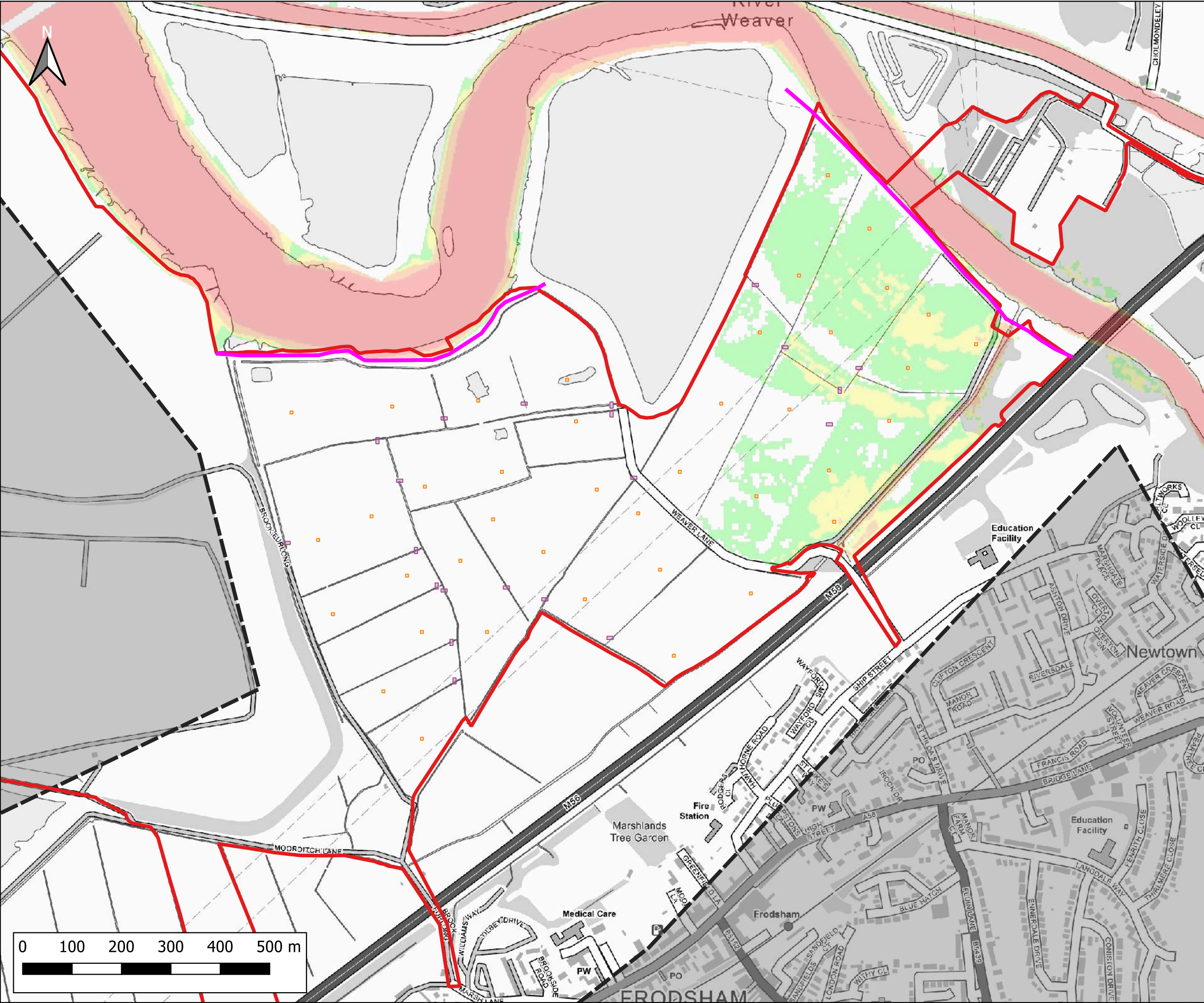
River Weaver Maximum Flood Hazard Rating  
1% AEP Fluvial Event  
MWHS Tidal Event  
Defended Existing Scenario (EXG)

PLOT STATUS:			DATE:
FINAL			17-10-2025

DRAWN:	CHECKED:	APPROVED:	PLOT SCALE AT A3:
MH	AP	LS	1:7500

PLOT NAME:	REVISION:
14740_LW_DEF_EXG_Q100_M(LOW)_ME(MHWS)_052_ZUK2_Max	-





Notes:  
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

**LEGEND**

- Site Boundary
- 2D Model Extent
- River Weaver Flood Defences
- Proposed Volume Displacement
- Proposed Crossings

Maximum Flood Hazard Rating (FD2320)

- Caution
- Danger for Some
- Danger for Most
- Danger for All

CLIENT:

Frodsham Solar Ltd

www.waterco.co.uk

SCHEME:

Frodsham Solar

PLOT TITLE:

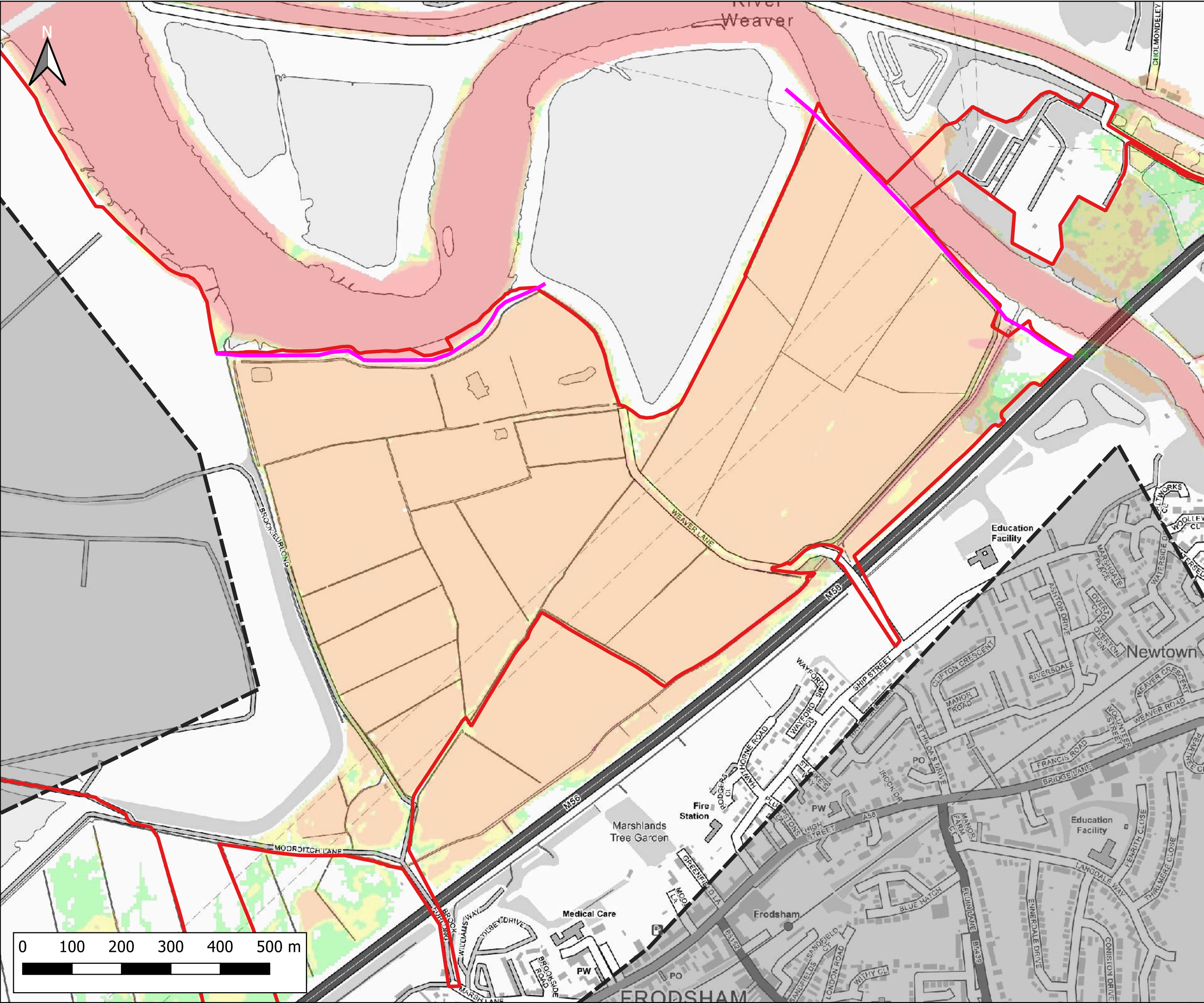
River Weaver Maximum Flood Hazard Rating  
1% AEP Fluvial Event  
MWHS Tidal Event  
Defended Proposed Development Scenario (DEV)

PLOT STATUS:			DATE:
FINAL			17-10-2025

DRAWN:	CHECKED:	APPROVED:	PLOT SCALE AT A3:
MH	AP	LS	1:7500

PLOT NAME:	REVISION:
14740_LW_DEF_DEV3_Q100_M(LOW)_ME(MHWS)_052_ZUK2_Max	-





Notes:  
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

**LEGEND**

- Site Boundary
- 2D Model Extent
- River Weaver Flood Defences

Maximum Flood Hazard Rating (FD2320)

- Caution
- Danger for Some
- Danger for Most
- Danger for All

CLIENT:

Frodsham Solar Ltd

www.waterco.co.uk

SCHEME:

Frodsham Solar

PLOT TITLE:

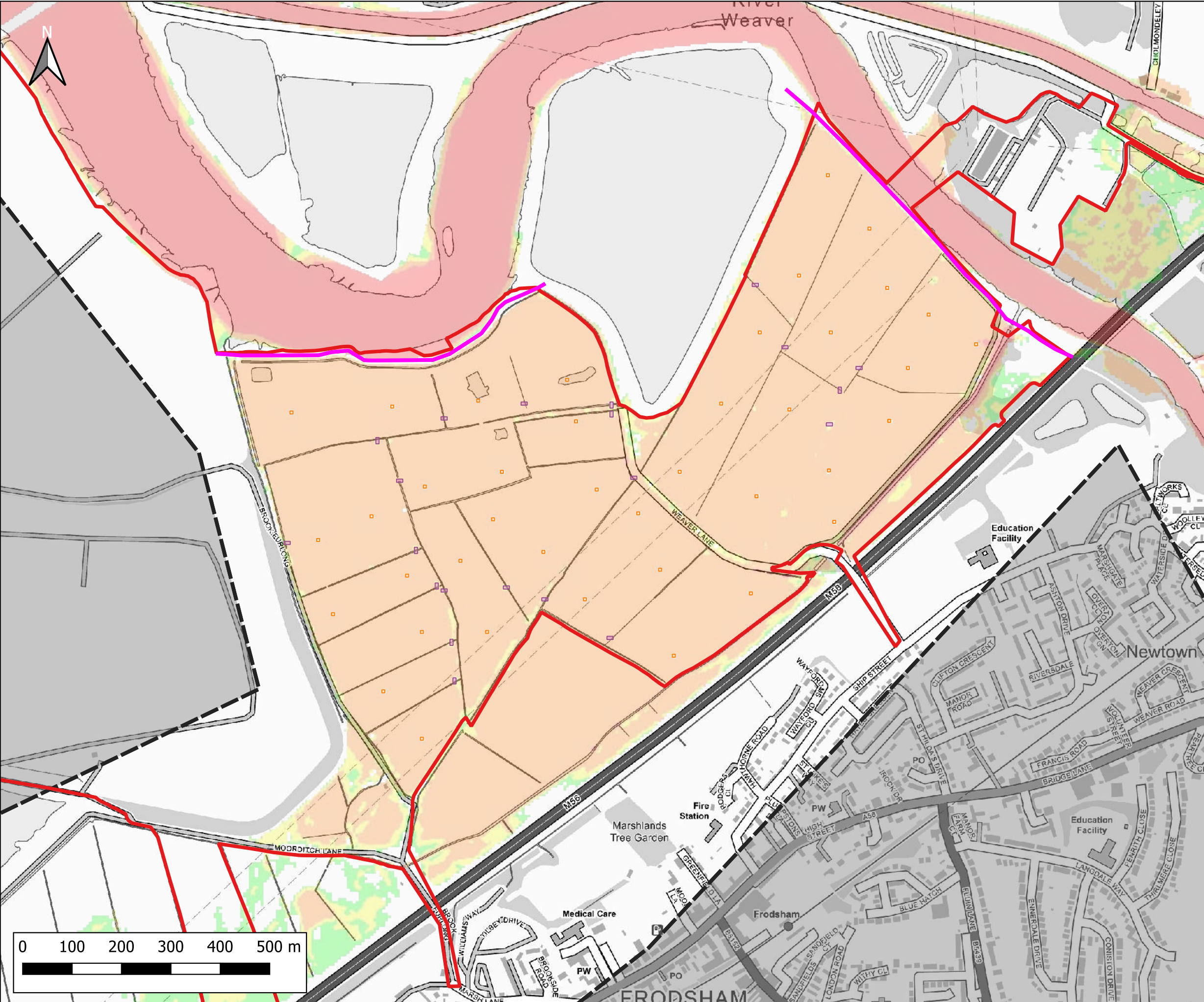
River Weaver Maximum Flood Hazard Rating  
1% AEP +67% CC Fluvial Event  
MWHS +CC Tidal Event  
Defended Existing Scenario (EXG)

PLOT STATUS:		DATE:	
FINAL		17-10-2025	

DRAWN:	CHECKED:	APPROVED:	PLOT SCALE AT A3:
MH	AP	LS	1:7500

PLOT NAME:	REVISION:
14740_LW_DEF_EXG_Q100CC67_M(LOW)_ME(MHWSCC)_052_ZUK2_Max	-





Notes:  
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

**LEGEND**

- Site Boundary
- 2D Model Extent
- River Weaver Flood Defences
- Proposed Volume Displacement
- Proposed Crossings

Maximum Flood Hazard Rating (FD2320)

- Caution
- Danger for Some
- Danger for Most
- Danger for All

CLIENT:

Frodsham Solar Ltd

www.waterco.co.uk

SCHEME:

Frodsham Solar

PLOT TITLE:

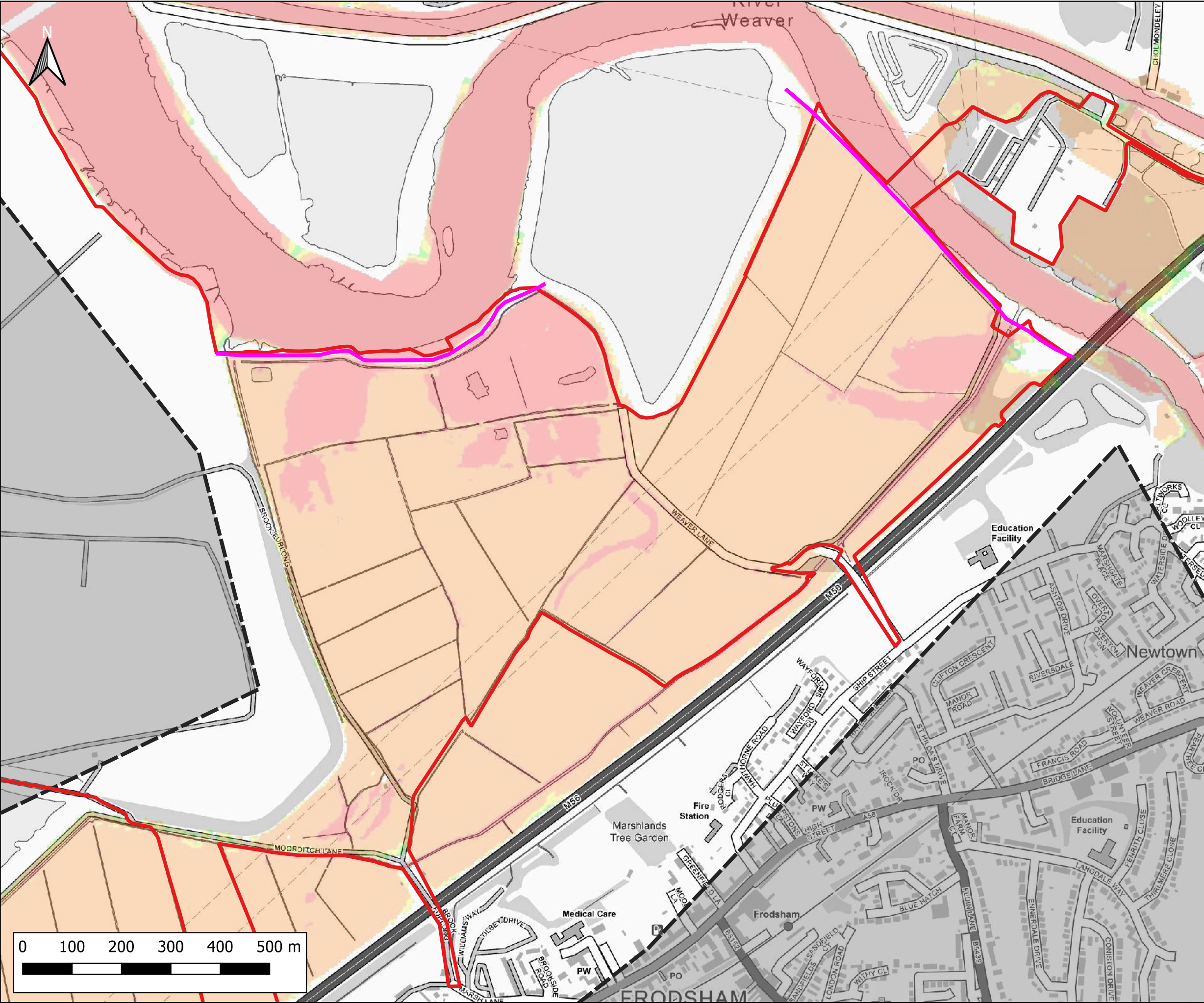
River Weaver Maximum Flood Hazard Rating  
1% AEP +67% CC Fluvial Event  
MWHS +CC Tidal Event  
Defended Proposed Development Scenario (DEV)

PLOT STATUS:		DATE:	
FINAL		17-10-2025	

DRAWN:	CHECKED:	APPROVED:	PLOT SCALE AT A3:
MH	AP	LS	1:7500

PLOT NAME:	REVISION:
14740_LW_DEF_DEV3_Q100CC67_M(LOW)_ME(MHWS)CC_052_ZUK2_Max	-





Notes:  
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

**LEGEND**

- Site Boundary
- 2D Model Extent
- River Weaver Flood Defences

Maximum Flood Hazard Rating (FD2320)

- Caution
- Danger for Some
- Danger for Most
- Danger for All

CLIENT:

Frodsham Solar Ltd

www.waterco.co.uk

SCHEME:

Frodsham Solar

PLOT TITLE:

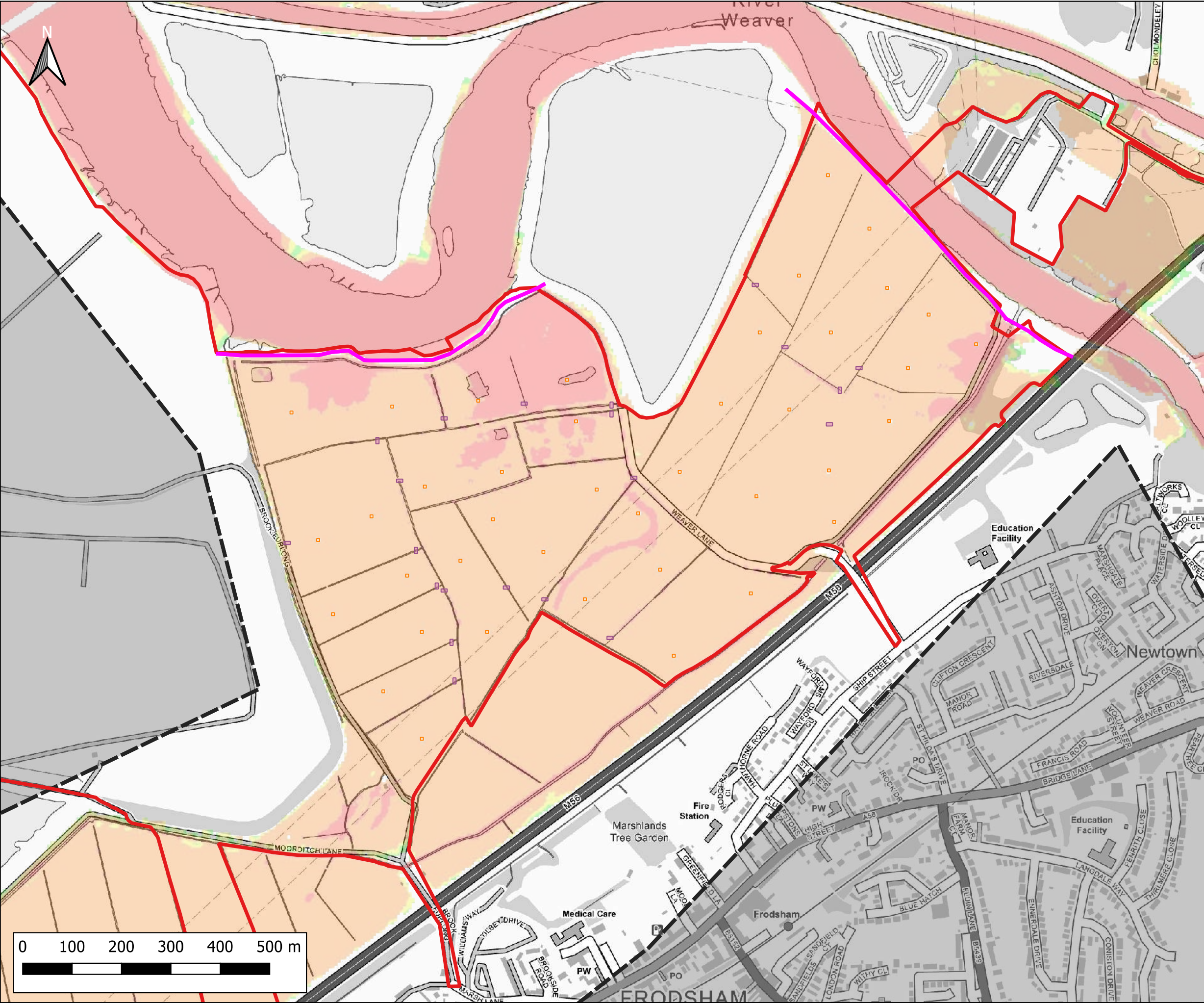
River Weaver Maximum Flood Hazard Rating  
1% AEP +67% CC Fluvial Event  
0.5% AEP Tidal Event (2075)  
Defended Existing Scenario (EXG)

PLOT STATUS:			DATE:
FINAL			17-10-2025

DRAWN:	CHECKED:	APPROVED:	PLOT SCALE AT A3:
MH	AP	LS	1:7500

PLOT NAME:	REVISION:
14740_LW_DEF_EXG_Q100CC67_M(LOW)_ME(T200HC_2075UE)_052_ZUK2_Max	-





Notes:  
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

**LEGEND**

- Site Boundary
- 2D Model Extent
- River Weaver Flood Defences
- Proposed Volume Displacement
- Proposed Crossings

Maximum Flood Hazard Rating (FD2320)

- Caution
- Danger for Some
- Danger for Most
- Danger for All

CLIENT:

Frodsham Solar Ltd

www.waterco.co.uk

SCHEME:

Frodsham Solar

PLOT TITLE:

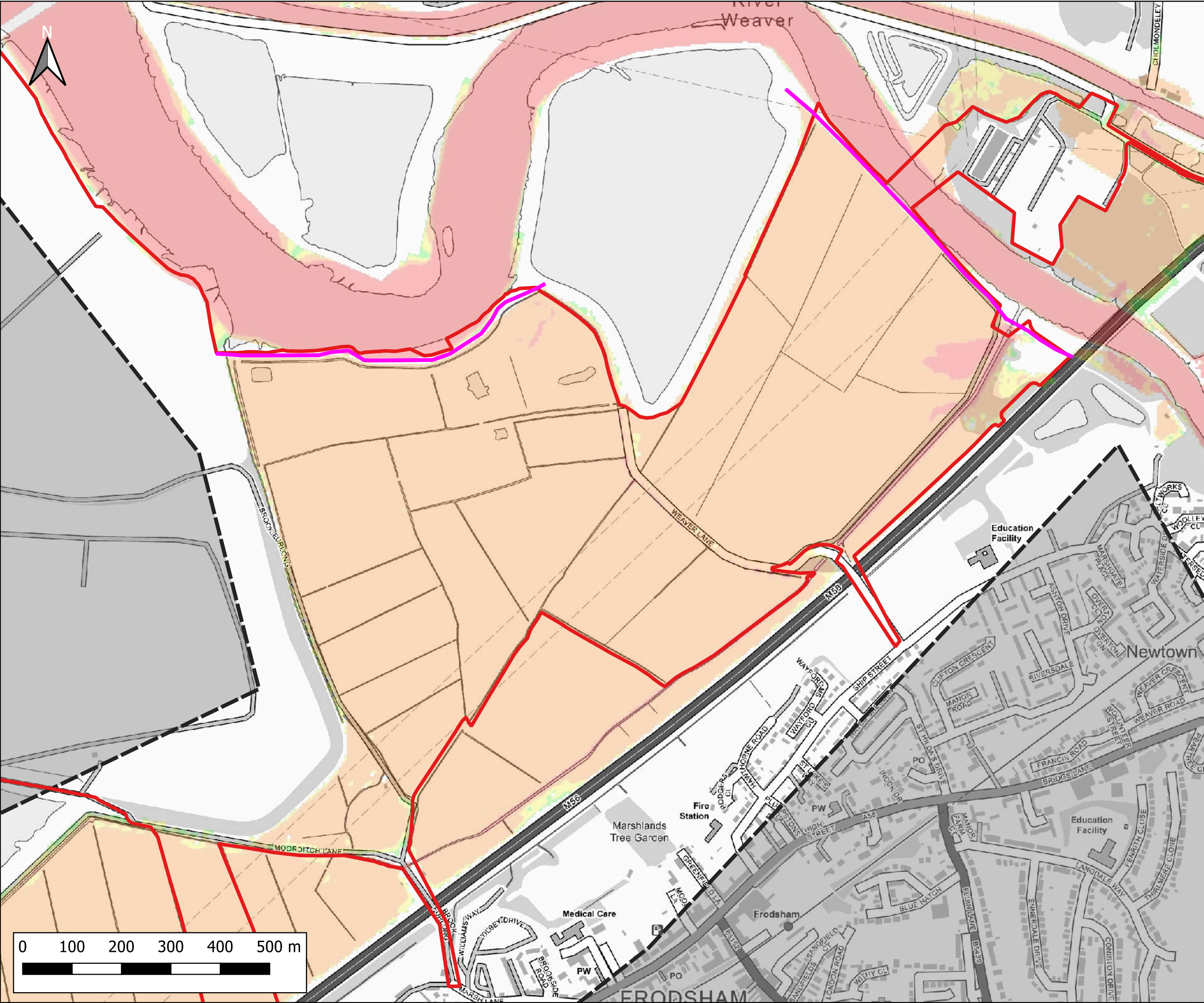
River Weaver Maximum Flood Hazard Rating  
1% AEP +67% CC Fluvial Event  
0.5% AEP Tidal Event (2075)  
Defended Proposed Development Scenario (DEV)

PLOT STATUS:		DATE:	
FINAL		17-10-2025	

DRAWN:	CHECKED:	APPROVED:	PLOT SCALE AT A3:
MH	AP	LS	1:7500

PLOT NAME:	REVISION:
14740_LW_DEF_DEV3_Q100CC67_M(LOW)_ME(T200HC_2075UE)_052_ZUK2_Max	-





Notes:  
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

**LEGEND**

- Site Boundary
- 2D Model Extent
- River Weaver Flood Defences

Maximum Flood Hazard Rating (FD2320)

- Caution
- Danger for Some
- Danger for Most
- Danger for All

CLIENT:

Frodsham Solar Ltd

www.waterco.co.uk

SCHEME:

Frodsham Solar

PLOT TITLE:

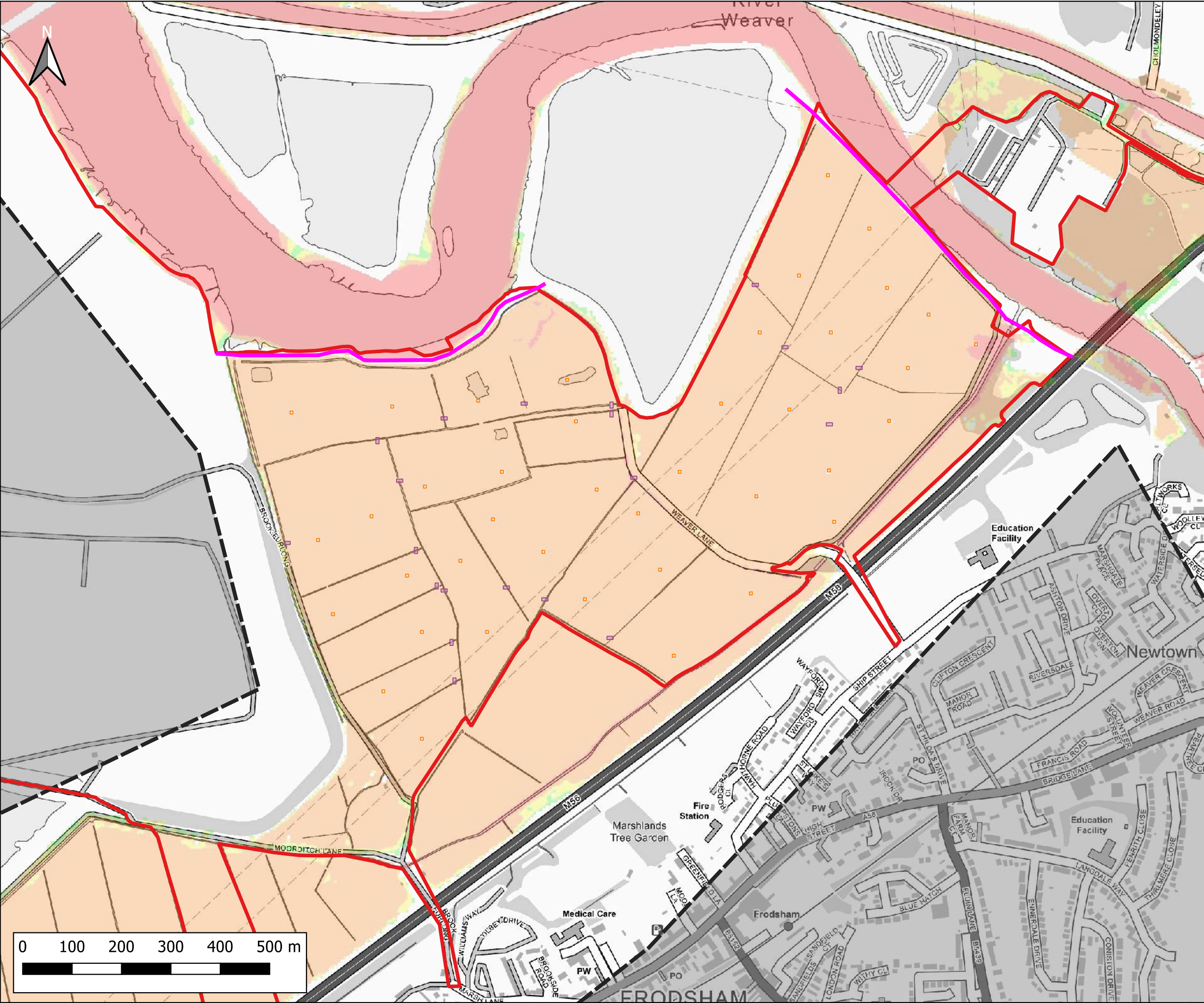
River Weaver Maximum Flood Hazard Rating  
1% AEP +106% CC Fluvial Event  
MWHS +CC Tidal Event  
Defended Existing Scenario (EXG)

PLOT STATUS:		DATE:	
FINAL		17-10-2025	

DRAWN:	CHECKED:	APPROVED:	PLOT SCALE AT A3:
MH	AP	LS	1:7500

PLOT NAME:	REVISION:
14740_LW_DEF_EXG_Q100CC106_M(LOW)_ME(MHWS)CC_052_ZUK2_Max	-





Notes:  
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

**LEGEND**

- Site Boundary
- 2D Model Extent
- River Weaver Flood Defences
- Proposed Volume Displacement
- Proposed Crossings

Maximum Flood Hazard Rating (FD2320)

- Caution
- Danger for Some
- Danger for Most
- Danger for All

CLIENT:

Frodsham Solar Ltd

www.waterco.co.uk

SCHEME:

Frodsham Solar

PLOT TITLE:

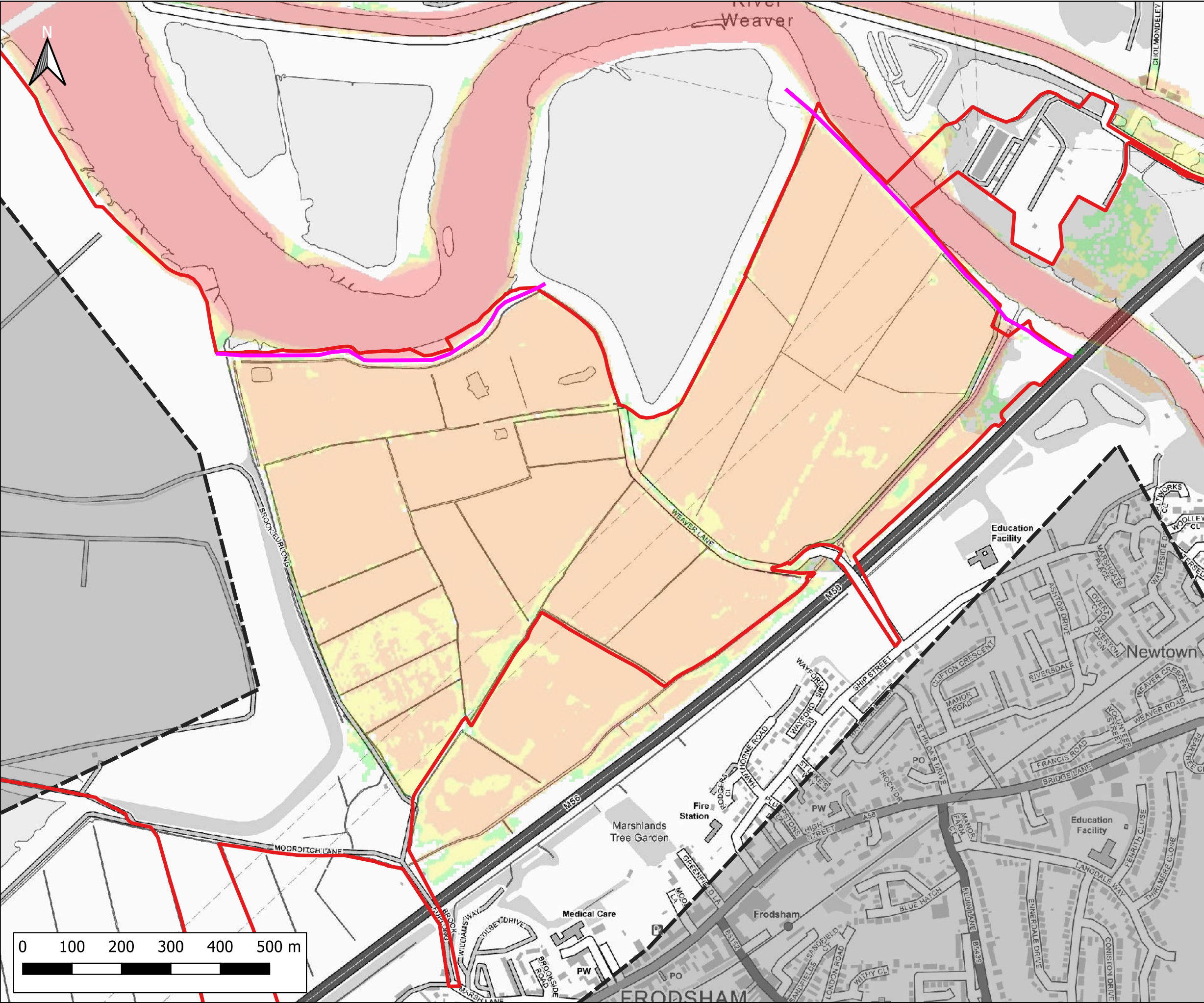
River Weaver Maximum Flood Hazard Rating  
1% AEP +106% CC Fluvial Event  
MWHS +CC Tidal Event  
Defended Proposed Development Scenario (DEV)

PLOT STATUS:		DATE:	
FINAL		17-10-2025	

DRAWN:	CHECKED:	APPROVED:	PLOT SCALE AT A3:
MH	AP	LS	1:7500

PLOT NAME:	REVISION:
14740_LW_DEF_DEV3_Q100CC106_M(LOW)_NE(MHWSO)_052_ZUK2_Max	-





Notes:  
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

**LEGEND**

- Site Boundary
- 2D Model Extent
- River Weaver Flood Defences

Maximum Flood Hazard Rating (FD2320)

- Caution
- Danger for Some
- Danger for Most
- Danger for All

CLIENT:

Frodsham Solar Ltd

www.waterco.co.uk

SCHEME:

Frodsham Solar

PLOT TITLE:

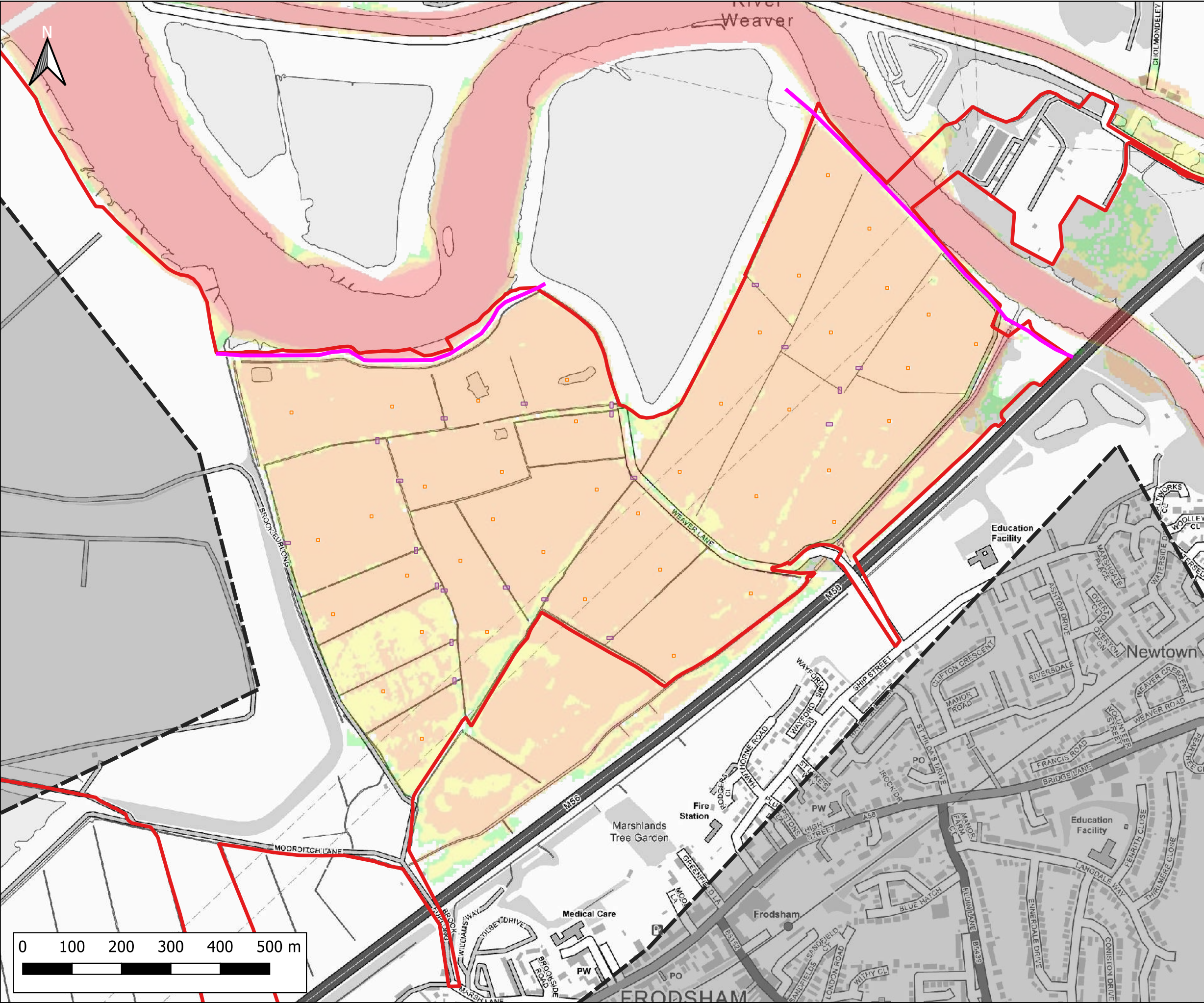
River Weaver Maximum Flood Hazard Rating  
0.1% AEP Fluvial Event  
MWHS Tidal Event  
Defended Existing Scenario (EXG)

PLOT STATUS:		DATE:	
FINAL		17-10-2025	

DRAWN:	CHECKED:	APPROVED:	PLOT SCALE AT A3:
MH	AP	LS	1:7500

PLOT NAME:	REVISION:
14740_LW_DEF_EXG_Q1000_M(LOW)_ME(MHWS)_052_ZUK2_Max	-





Notes:  
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

**LEGEND**

- Site Boundary
- 2D Model Extent
- River Weaver Flood Defences
- Proposed Volume Displacement
- Proposed Crossings

Maximum Flood Hazard Rating (FD2320)

- Caution
- Danger for Some
- Danger for Most
- Danger for All

CLIENT:

Frodsham Solar Ltd

www.waterco.co.uk

SCHEME:

Frodsham Solar

PLOT TITLE:

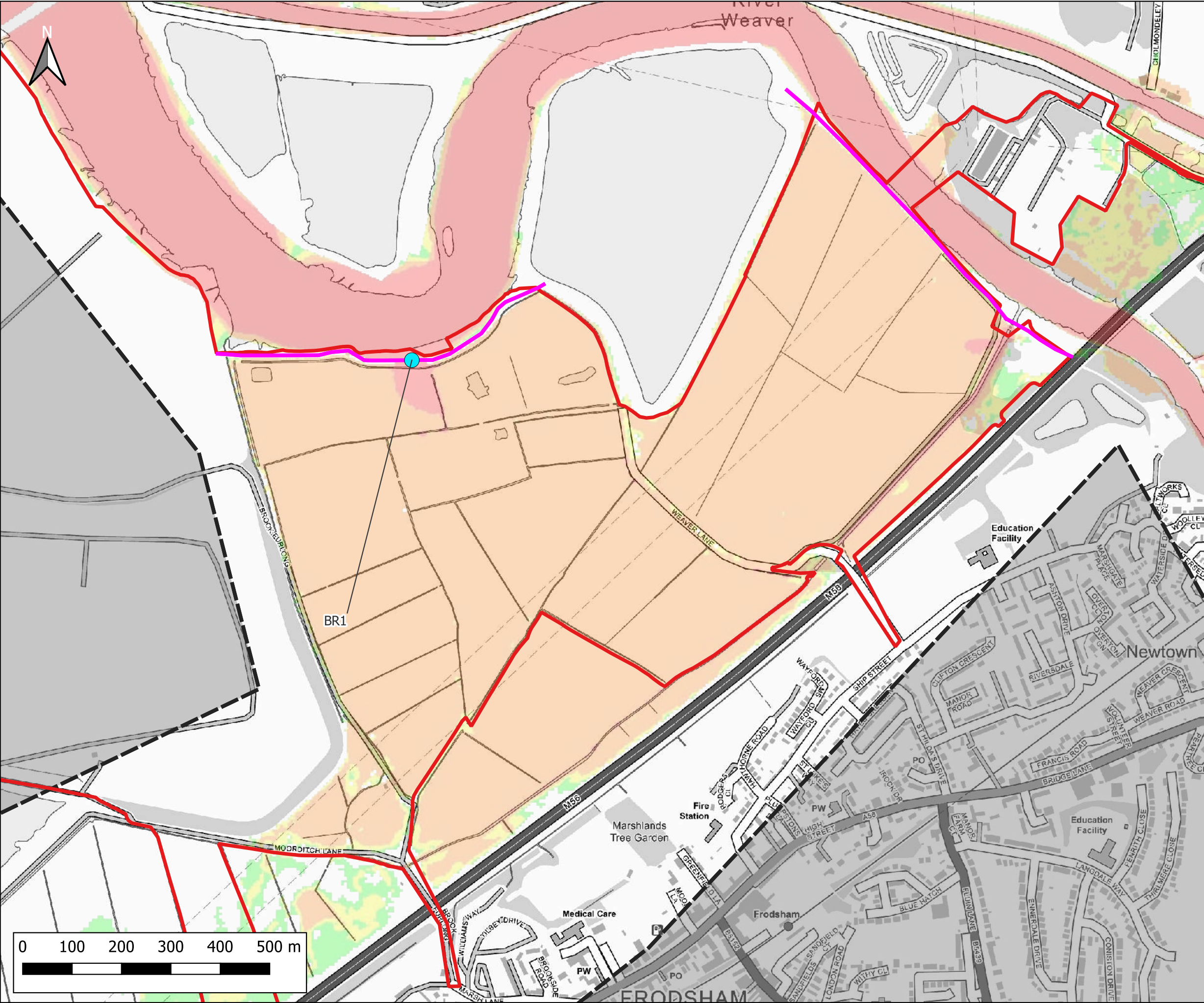
River Weaver Maximum Flood Hazard Rating  
0.1% AEP Fluvial Event  
MWHS Tidal Event  
Defended Proposed Development Scenario (DEV)

PLOT STATUS:			DATE:
FINAL			17-10-2025

DRAWN:	CHECKED:	APPROVED:	PLOT SCALE AT A3:
MH	AP	LS	1:7500

PLOT NAME:	REVISION:
14740_LW_DEF_DEV3_Q1000_M(LOW)_ME(MHWS)_052_ZUK2_Max	-





Notes:  
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

**LEGEND**

- Site Boundary
- 2D Model Extent
- River Weaver Flood Defences
- Breach 1 Location (BR1)

Maximum Flood Hazard Rating (FD2320)

- Caution
- Danger for Some
- Danger for Most
- Danger for All

CLIENT:

Frodsham Solar Ltd

www.waterco.co.uk

SCHEME:

Frodsham Solar

PLOT TITLE:

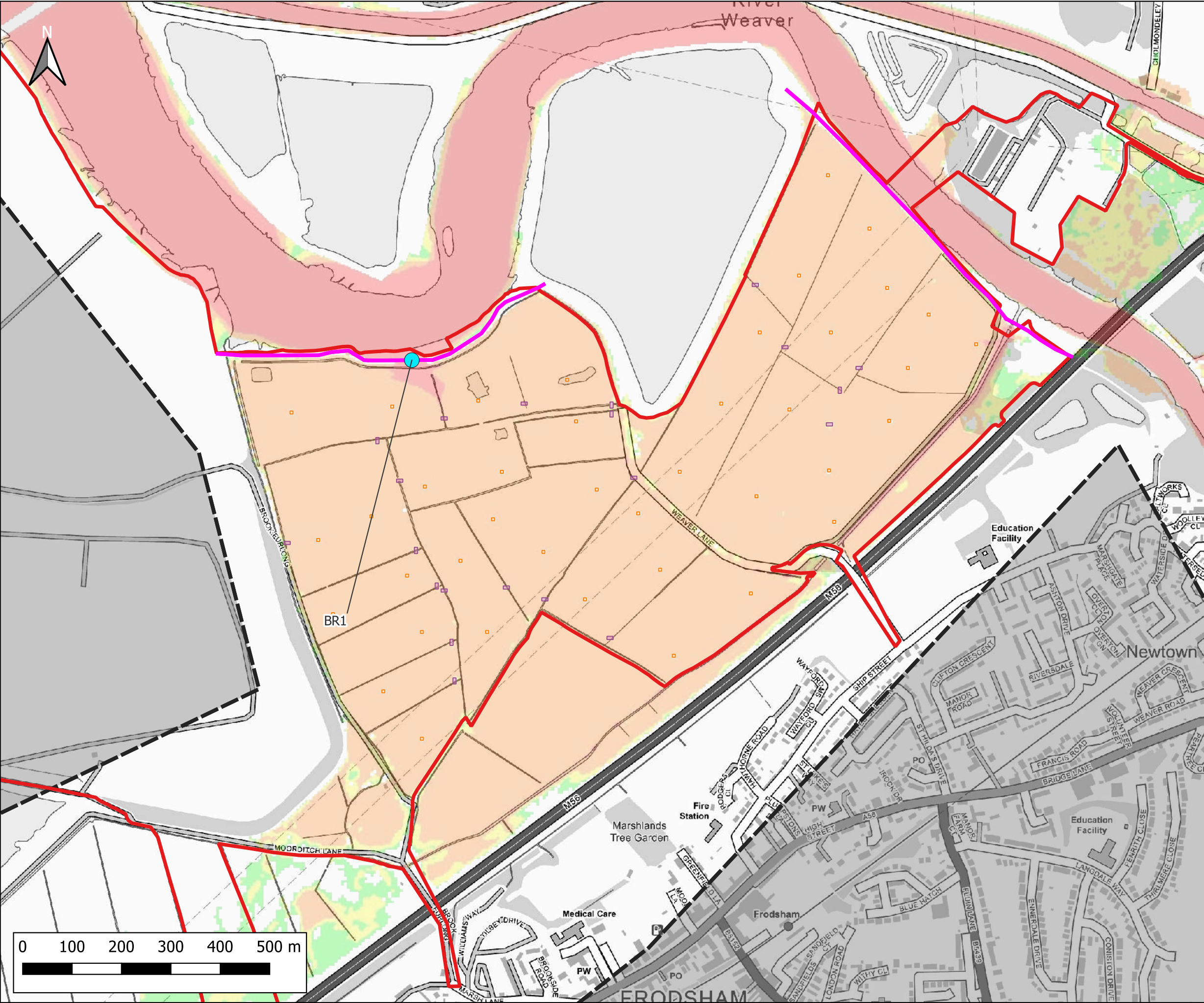
River Weaver Maximum Flood Hazard Rating  
1% AEP +67% CC Fluvial Event  
MWHS +CC Tidal Event  
Breach 1 Existing Scenario (EXG)

PLOT STATUS:			DATE:
FINAL			17-10-2025

DRAWN:	CHECKED:	APPROVED:	PLOT SCALE AT A3:
MH	AP	LS	1:7500

PLOT NAME:	REVISION:
14740_LW_BR1_EXG_Q100CC67_M(LOW)_ME(MHWSCC)_052_ZUK2_Max	-





Notes:  
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

**LEGEND**

- Site Boundary
- 2D Model Extent
- River Weaver Flood Defences
- Proposed Volume Displacement
- Proposed Crossings
- Breach 1 Location (BR1)

Maximum Flood Hazard Rating (FD2320)

- Caution
- Danger for Some
- Danger for Most
- Danger for All

CLIENT:

Frodsham Solar Ltd

www.waterco.co.uk

SCHEME:

Frodsham Solar

PLOT TITLE:

River Weaver Maximum Flood Hazard Rating  
1% AEP +67% CC Fluvial Event  
MWHS +CC Tidal Event  
Breach 1 Proposed Development Scenario (DEV)

PLOT STATUS:		DATE:	
FINAL		17-10-2025	

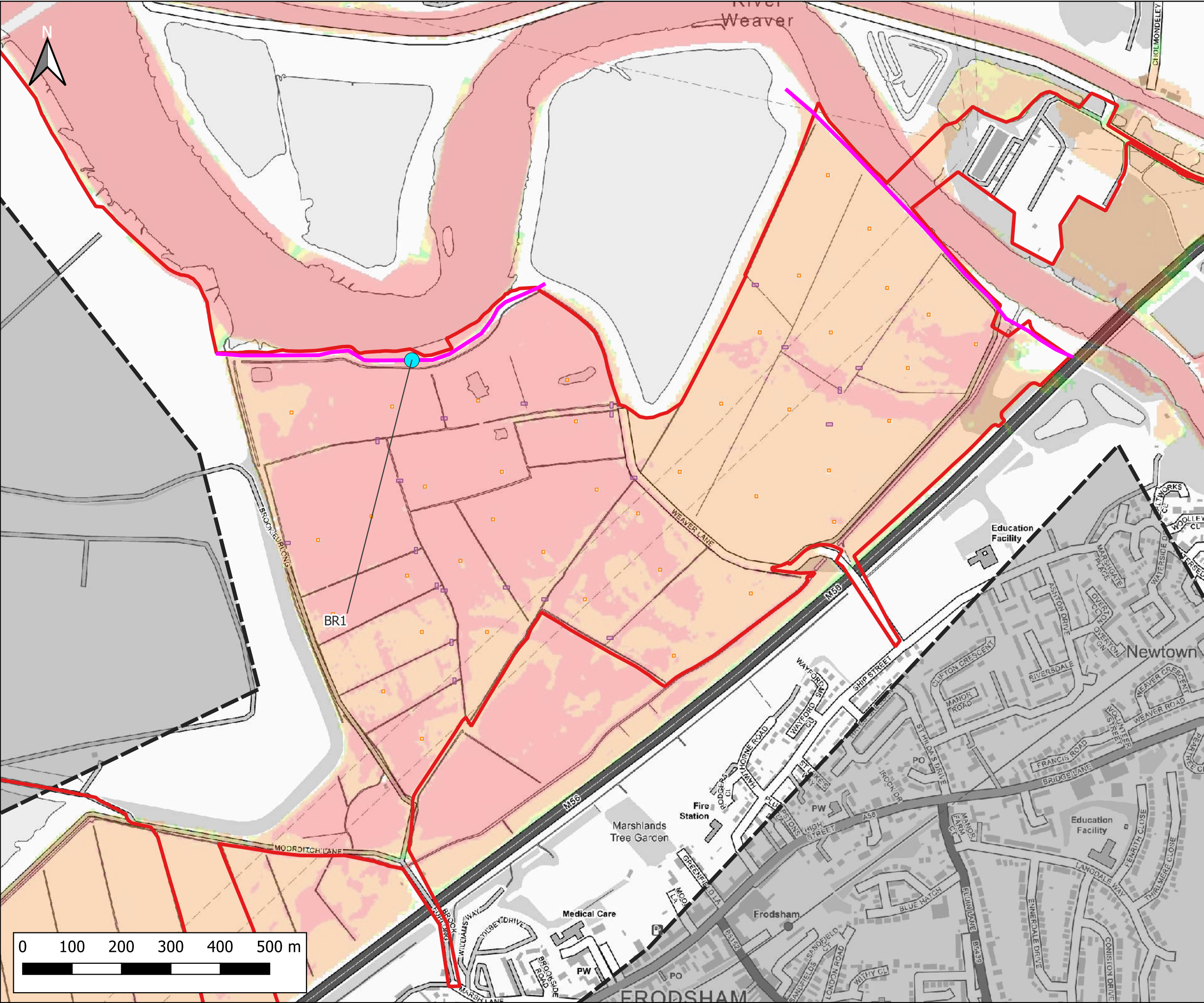
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MH	AP	LS	1:7500

PLOT NAME:	REVISION:
14740_LW_BR1_DEV3_Q100CC67_M(LOW)_ME(MHWS)CC_052_ZUK2_Max	-









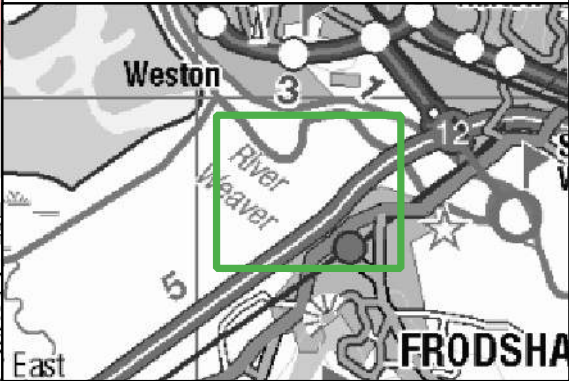
Notes:  
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

**LEGEND**

- Site Boundary
- 2D Model Extent
- River Weaver Flood Defences
- Proposed Volume Displacement
- Proposed Crossings
- Breach 1 Location (BR1)

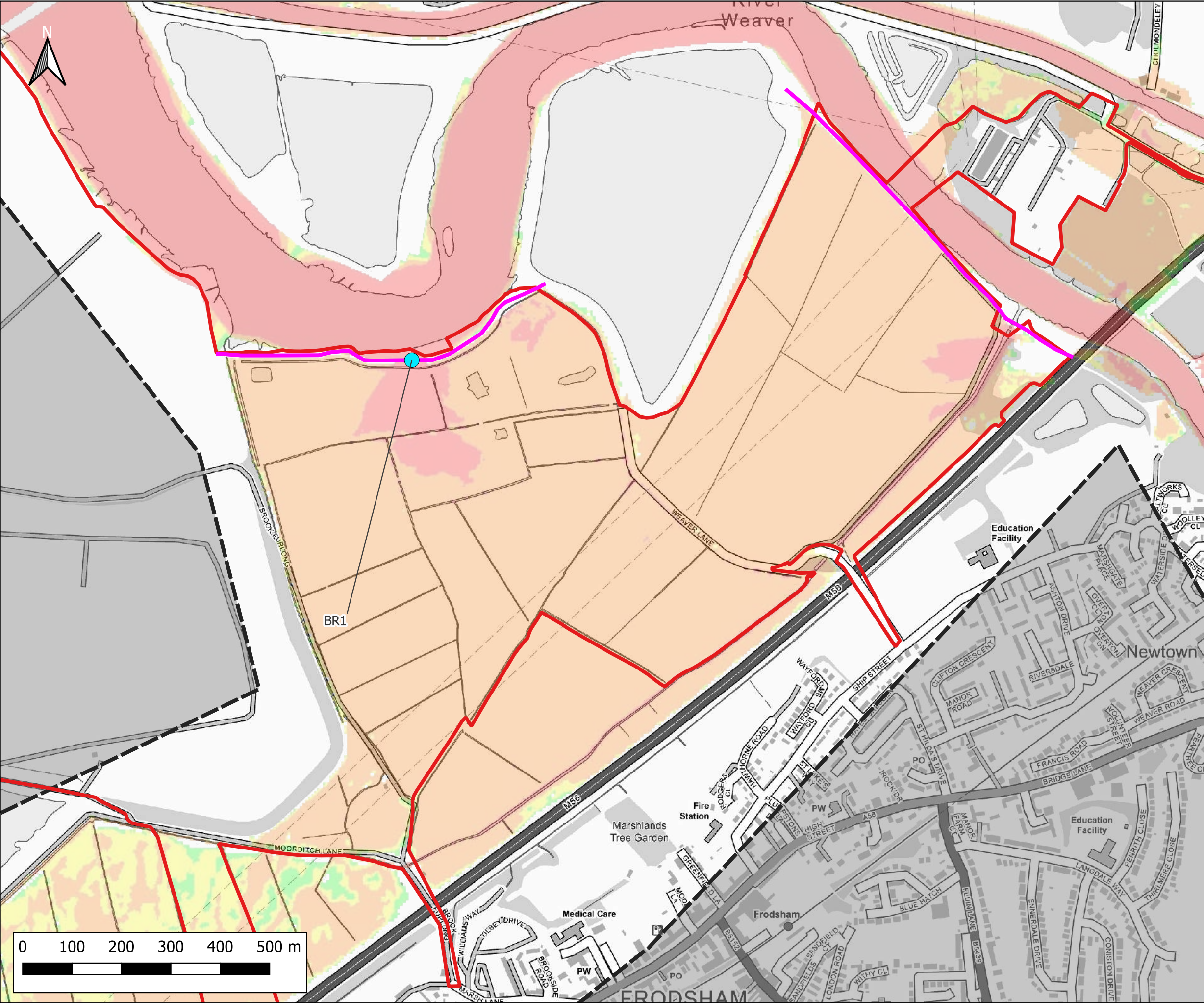
Maximum Flood Hazard Rating (FD2320)

- Caution
- Danger for Some
- Danger for Most
- Danger for All



CLIENT:			
Frodsham Solar Ltd			
SCHEME:			
Frodsham Solar			
PLOT TITLE:			
River Weaver Maximum Flood Hazard Rating 1% AEP +67% CC Fluvial Event 0.5% AEP Tidal Event (2075) Breach 1 Proposed Development Scenario (DEV)			
PLOT STATUS:			DATE:
FINAL			17-10-2025
DRAWN:	CHECKED:	APPROVED:	PLOT SCALE AT A3:
MH	AP	LS	1:7500
PLOT NAME:			REVISION:
14740_LW_BR1_DEV3_Q100CC67_M(LOW)_ME(T200HC_2075UE)_052_ZUK2_Max			-





Notes:  
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

**LEGEND**

- Site Boundary
- 2D Model Extent
- River Weaver Flood Defences
- Breach 1 Location (BR1)

Maximum Flood Hazard Rating (FD2320)

- Caution
- Danger for Some
- Danger for Most
- Danger for All

CLIENT:

Frodsham Solar Ltd

www.waterco.co.uk

SCHEME:

Frodsham Solar

PLOT TITLE:

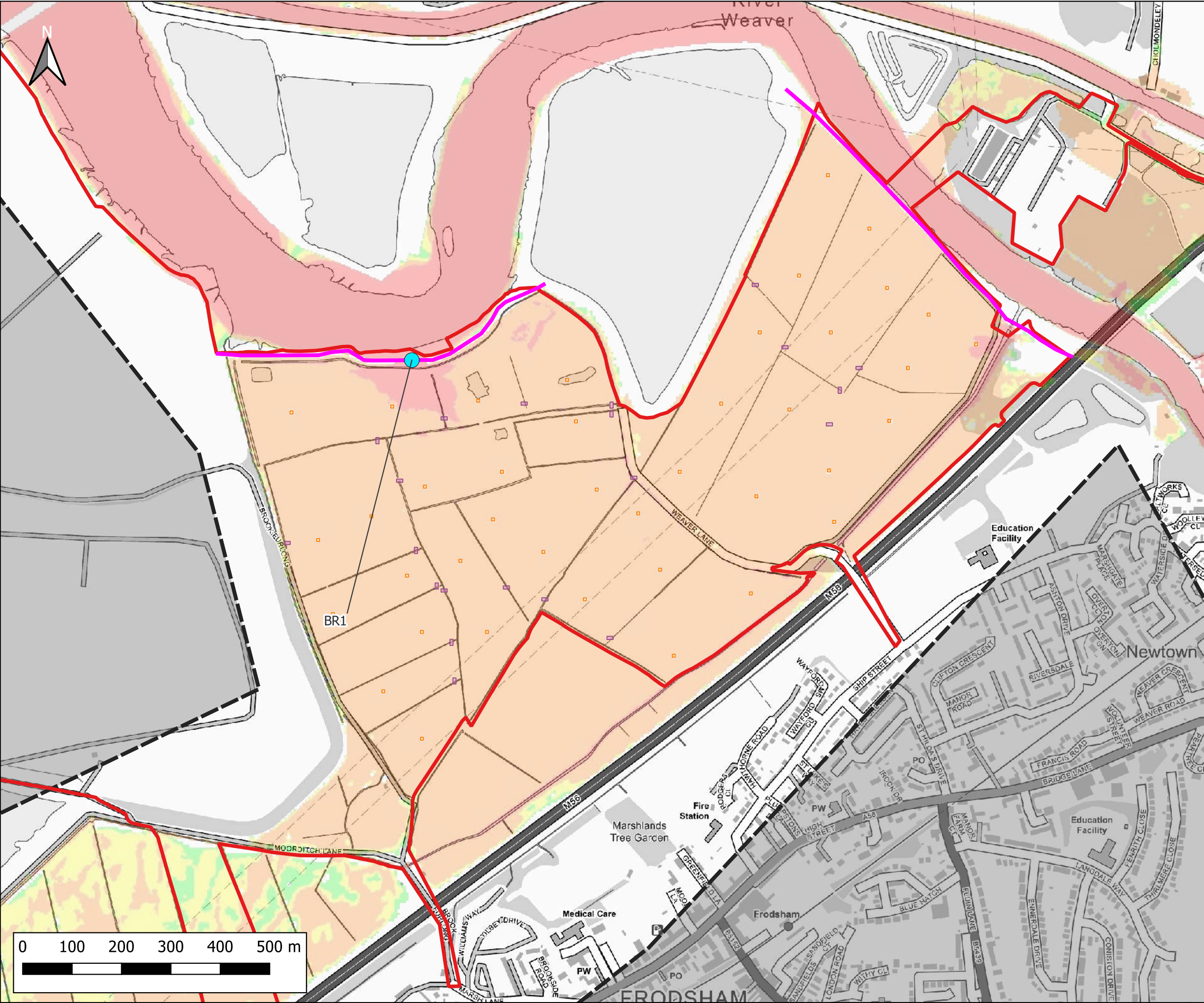
River Weaver Maximum Flood Hazard Rating  
1% AEP +106% CC Fluvial Event  
MWHS +CC Tidal Event  
Breach 1 Existing Scenario (EXG)

PLOT STATUS:			DATE:
FINAL			17-10-2025

DRAWN:	CHECKED:	APPROVED:	PLOT SCALE AT A3:
MH	AP	LS	1:7500

PLOT NAME:	REVISION:
14740_LW_BR1_EXG_Q100CC106_M(LOW)_ME(MHWS)CC_052_ZUK2_Max	-





Notes:  
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

**LEGEND**

- Site Boundary
- 2D Model Extent
- River Weaver Flood Defences
- Proposed Volume Displacement
- Proposed Crossings
- Breach 1 Location (BR1)

Maximum Flood Hazard Rating (FD2320)

- Caution
- Danger for Some
- Danger for Most
- Danger for All

CLIENT:

Frodsham Solar Ltd

www.waterco.co.uk

SCHEME:

Frodsham Solar

PLOT TITLE:

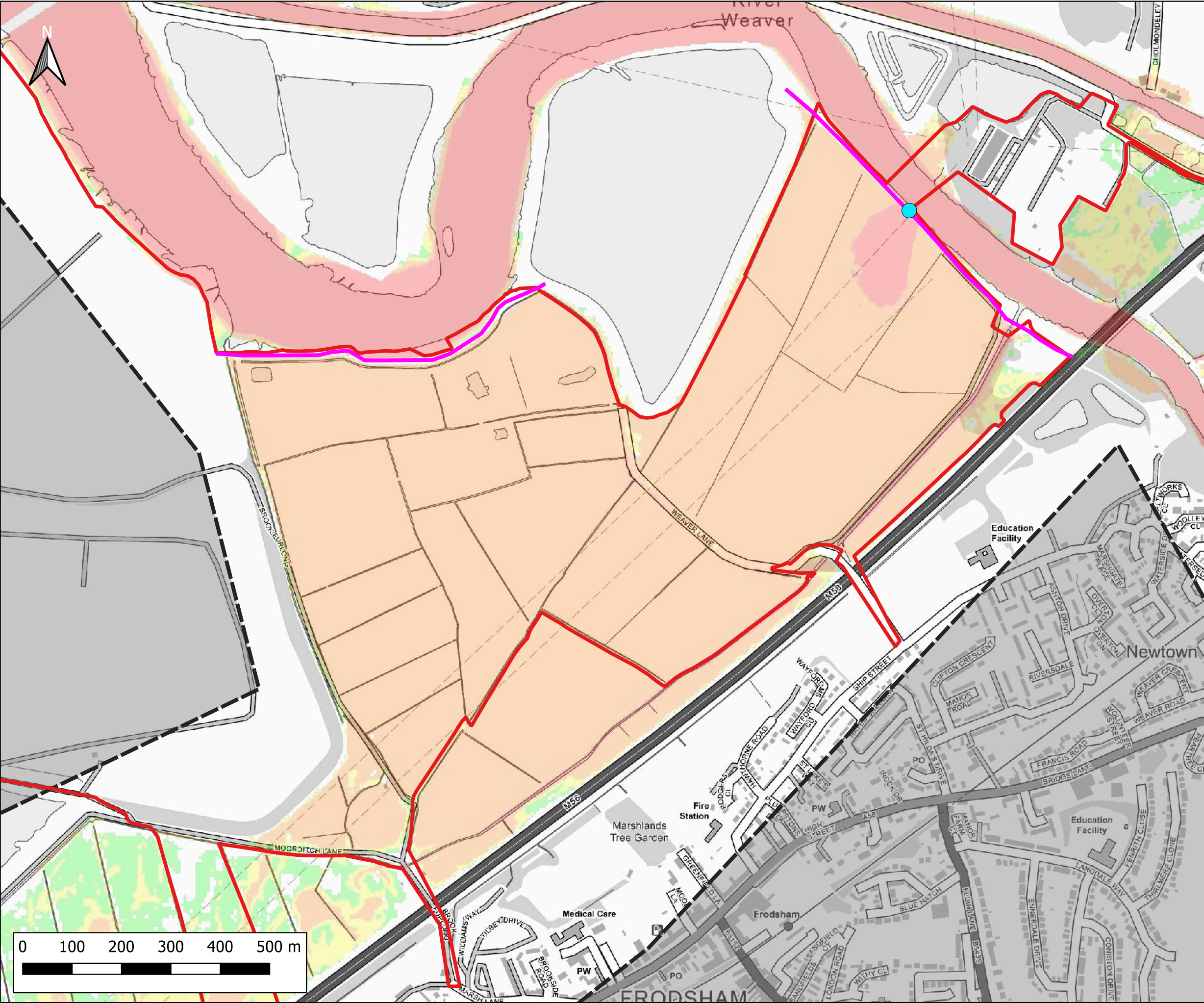
River Weaver Maximum Flood Hazard Rating  
1% AEP +106% CC Fluvial Event  
MWHS +CC Tidal Event  
Breach 1 Proposed Development Scenario (DEV)

PLOT STATUS:		DATE:	
FINAL		17-10-2025	

DRAWN:	CHECKED:	APPROVED:	PLOT SCALE AT A3:
MH	AP	LS	1:7500

PLOT NAME:	REVISION:
14740_LW_BR1_DEV3_Q100CC106_M(LOW)_NE(MHWSO)_052_ZUK2_Max	-





Notes:  
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

**LEGEND**

- Site Boundary
- 2D Model Extent
- River Weaver Flood Defences
- Breach 2 Location (BR2)

Maximum Flood Hazard Rating (FD2320)

- Caution
- Danger for Some
- Danger for Most
- Danger for All

CLIENT:

Frodsham Solar Ltd

www.waterco.co.uk

SCHEME:

Frodsham Solar

PLOT TITLE:

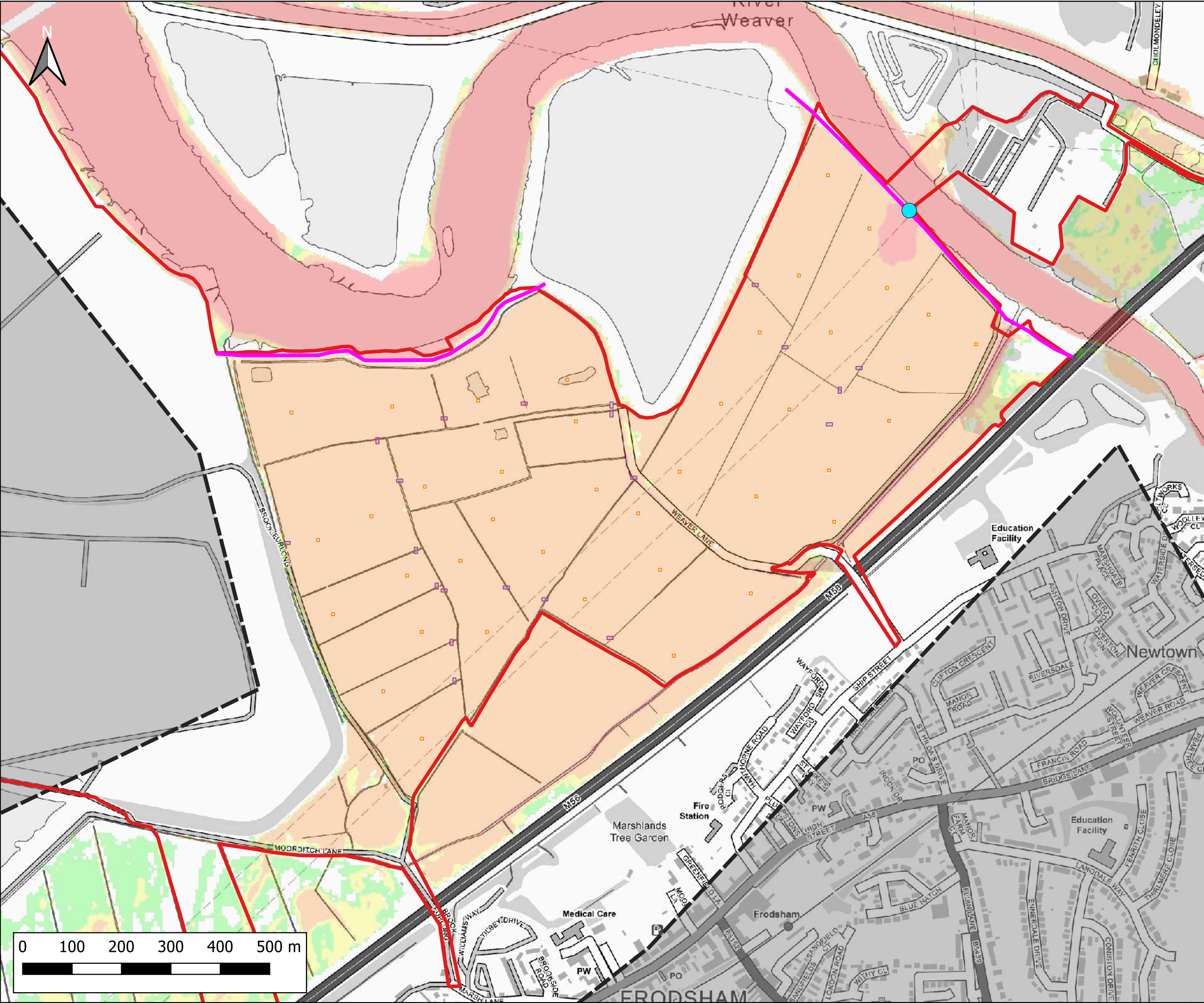
River Weaver Maximum Flood Hazard Rating  
1% AEP +67% CC Fluvial Event  
MWHS +CC Tidal Event  
Breach 2 Existing Scenario (EXG)

PLOT STATUS:		DATE:	
FINAL		17-10-2025	

DRAWN:	CHECKED:	APPROVED:	PLOT SCALE AT A3:
MH	AP	LS	1:7500

PLOT NAME:	REVISION:
14740_LW_BR2_EXG_Q100CC67_M(LOW)_ME(MHWSCC)_052_ZUK2_Max	-





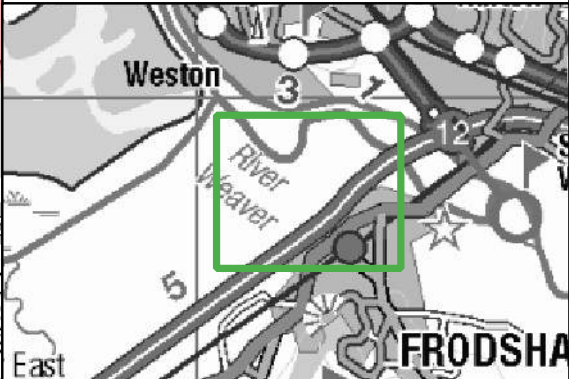
Notes:  
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

**LEGEND**

- Site Boundary
- 2D Model Extent
- River Weaver Flood Defences
- Proposed Volume Displacement
- Proposed Crossings
- Breach 2 Location (BR2)

Maximum Flood Hazard Rating (FD2320)

- Caution
- Danger for Some
- Danger for Most
- Danger for All



CLIENT:			
Frodsham Solar Ltd			
waterco www.waterco.co.uk			
SCHEME:			
Frodsham Solar			
PLOT TITLE:			
River Weaver Maximum Flood Hazard Rating 1% AEP +67% CC Fluvial Event MWHS +CC Tidal Event Breach 2 Proposed Development Scenario (DEV)			
PLOT STATUS:			DATE:
FINAL			17-10-2025
DRAWN:	CHECKED:	APPROVED:	PLOT SCALE AT A3:
MH	AP	LS	1:7500
PLOT NAME:			REVISION:
14740_LW_BR2_DEV3_Q100CC67_M(LOW)_ME(MHWS)CC_052_ZUK2_Max			-

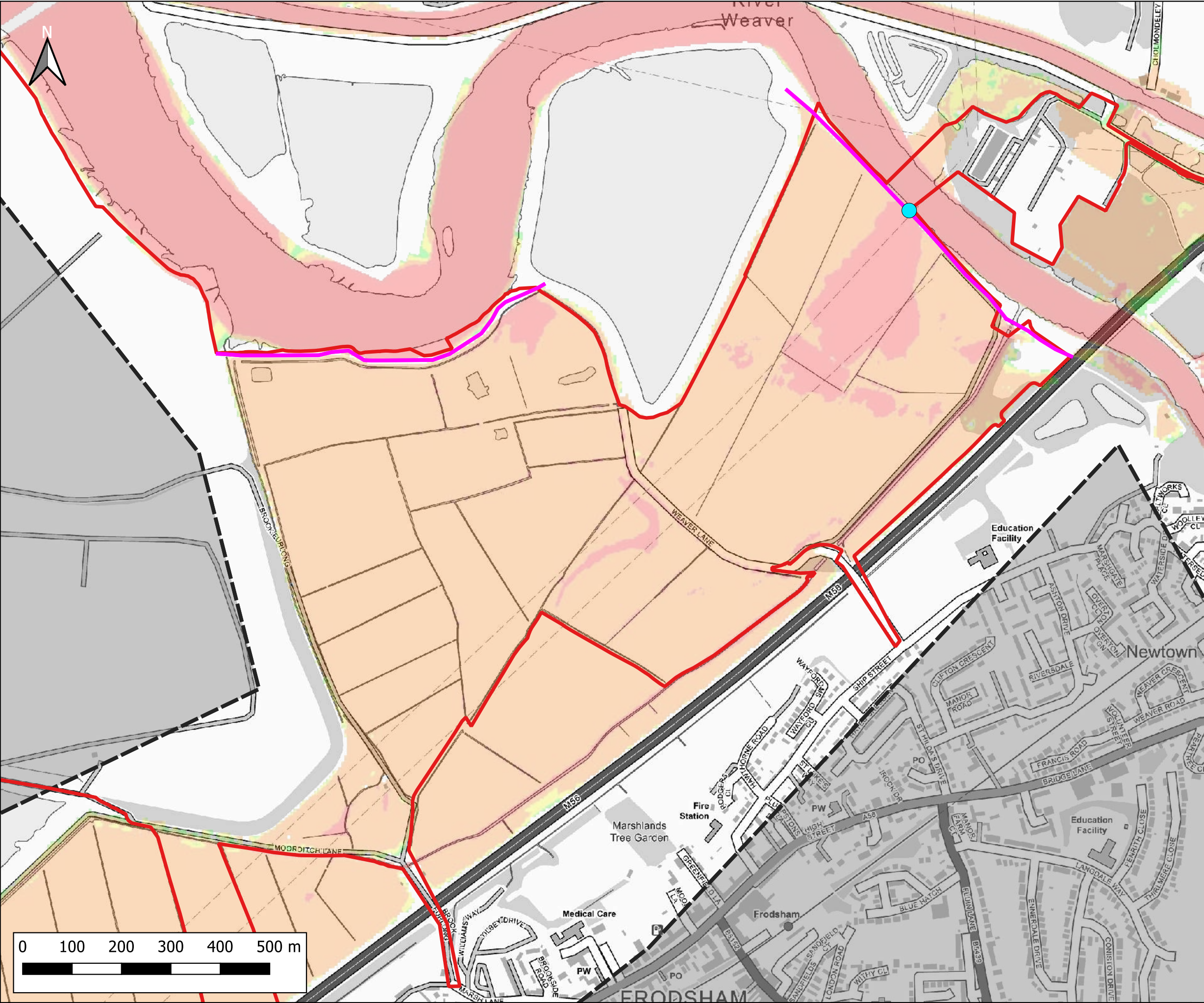












Notes:  
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

**LEGEND**

- Site Boundary
- 2D Model Extent
- River Weaver Flood Defences
- Breach 2 Location (BR2)

Maximum Flood Hazard Rating (FD2320)

- Caution
- Danger for Some
- Danger for Most
- Danger for All

CLIENT:

Frodsham Solar Ltd

www.waterco.co.uk

SCHEME:

Frodsham Solar

PLOT TITLE:

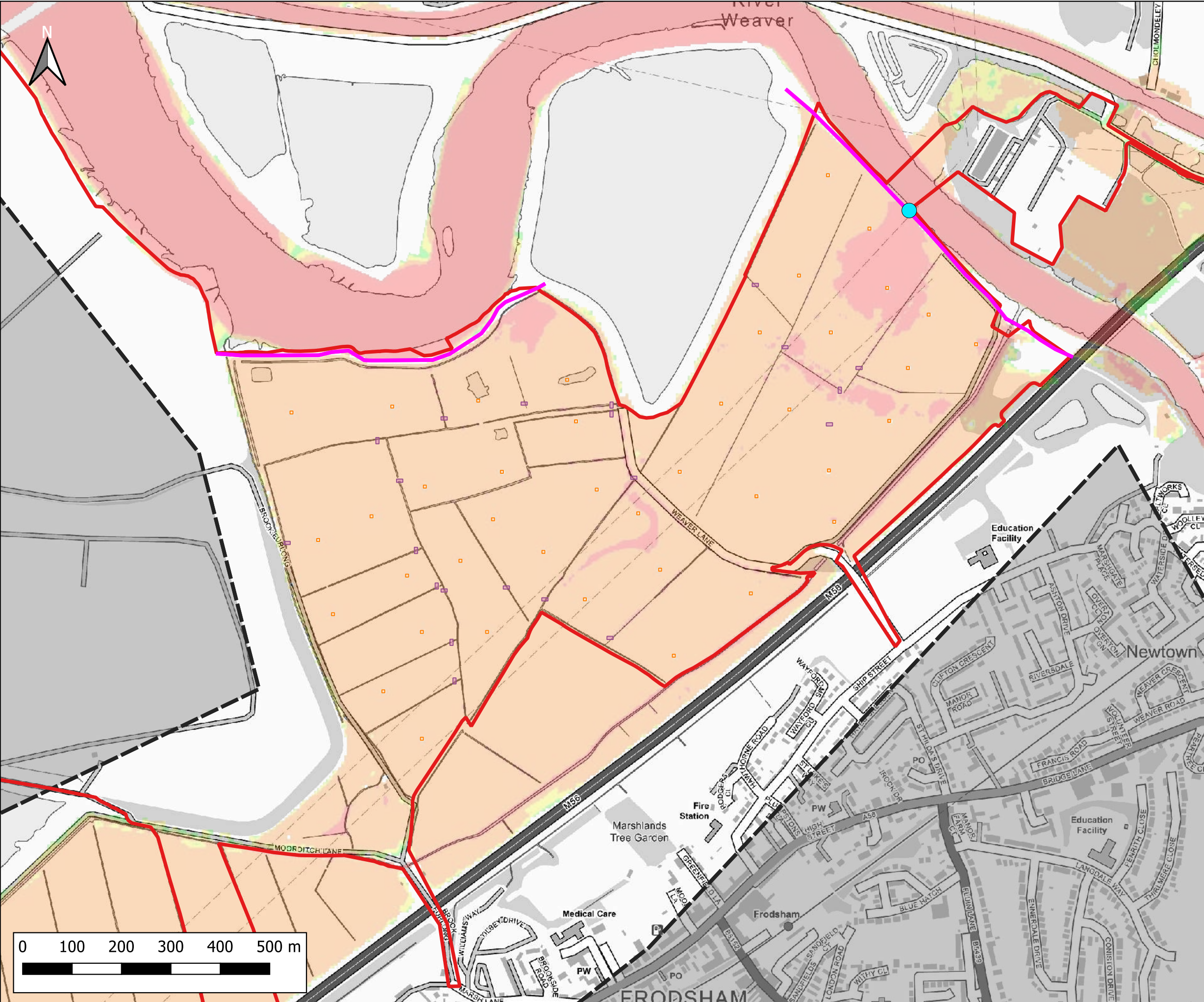
River Weaver Maximum Flood Hazard Rating  
1% AEP +106% CC Fluvial Event  
MWHS +CC Tidal Event  
Breach 2 Existing Scenario (EXG)

PLOT STATUS:			DATE:
FINAL			17-10-2025

DRAWN:	CHECKED:	APPROVED:	PLOT SCALE AT A3:
MH	AP	LS	1:7500

PLOT NAME:	REVISION:
14740_LW_BR2_EXG_Q100CC106_M(LOW)_ME(MHWS)CC_052_ZUK2_Max	-





Notes:  
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

**LEGEND**

- Site Boundary
- 2D Model Extent
- River Weaver Flood Defences
- Proposed Volume Displacement
- Proposed Crossings
- Breach 2 Location (BR2)

Maximum Flood Hazard Rating (FD2320)

- Caution
- Danger for Some
- Danger for Most
- Danger for All

CLIENT:

Frodsham Solar Ltd

www.waterco.co.uk

SCHEME:

Frodsham Solar

PLOT TITLE:

River Weaver Maximum Flood Hazard Rating  
1% AEP +106% CC Fluvial Event  
MWHS +CC Tidal Event  
Breach 2 Proposed Development Scenario (DEV)

PLOT STATUS:		DATE:	
FINAL		17-10-2025	

DRAWN:	CHECKED:	APPROVED:	PLOT SCALE AT A3:
MH	AP	LS	1:7500

PLOT NAME:	REVISION:
14740_LW_BR2_DEV3_Q100CC106_M(LOW)_NE(MHWSO)_052_ZUK2_Max	-

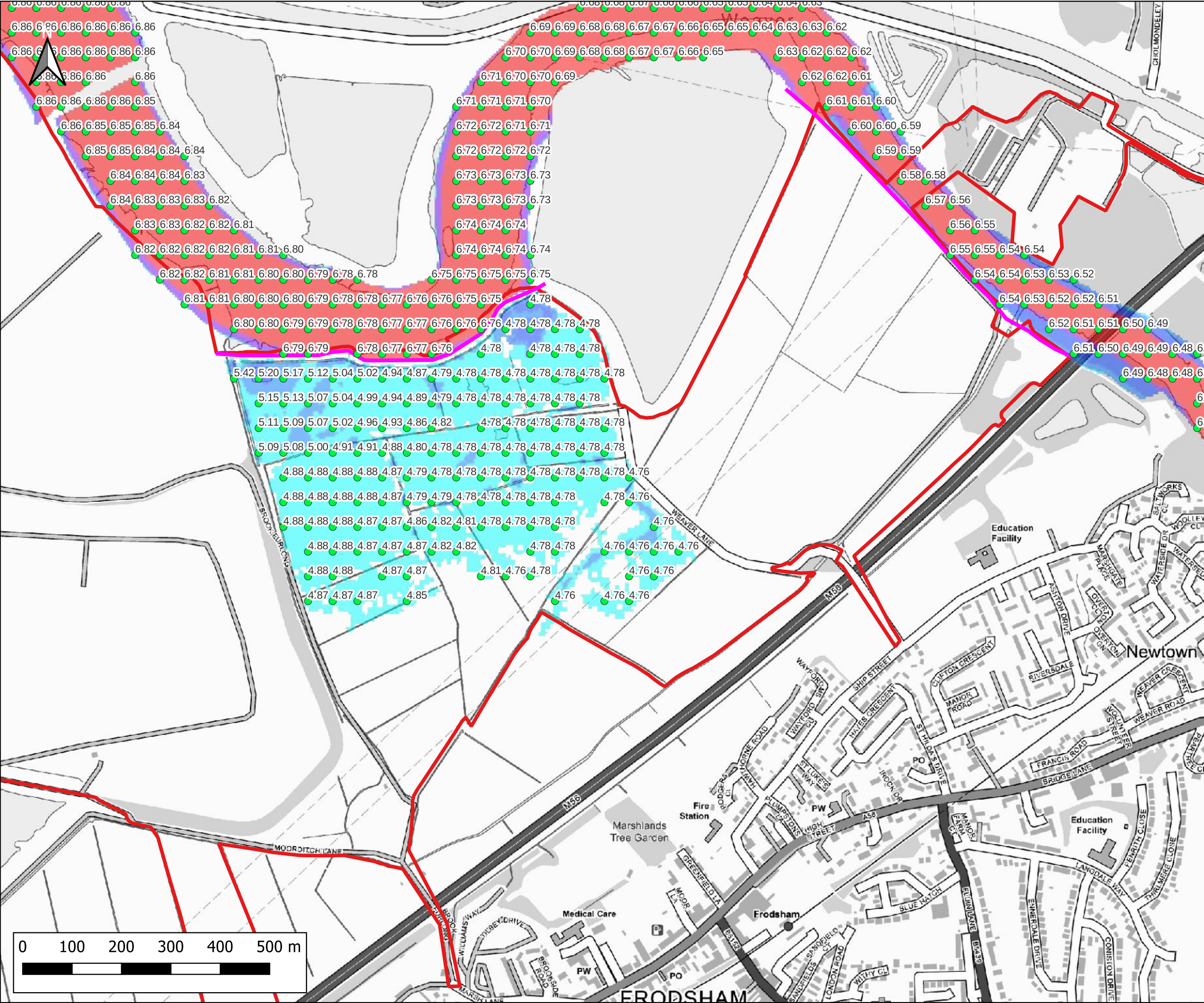


## **Appendix E   Simulated Water Level Maps**



## Mersey Estuary Water Level Mapping





Notes:  
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

**LEGEND**

- Site Boundary
- River Weaver Flood Defences
- Maximum Water Level (m AOD)

Maximum Flood Depth

- < 0.3m
- 0.3m - 0.6m
- 0.6m - 1.2m
- 1.2m - 2.4m
- > 2.4m

CLIENT:

Frodsham Solar Ltd

www.waterco.co.uk

SCHEME:

Frodsham Solar

PLOT TITLE:

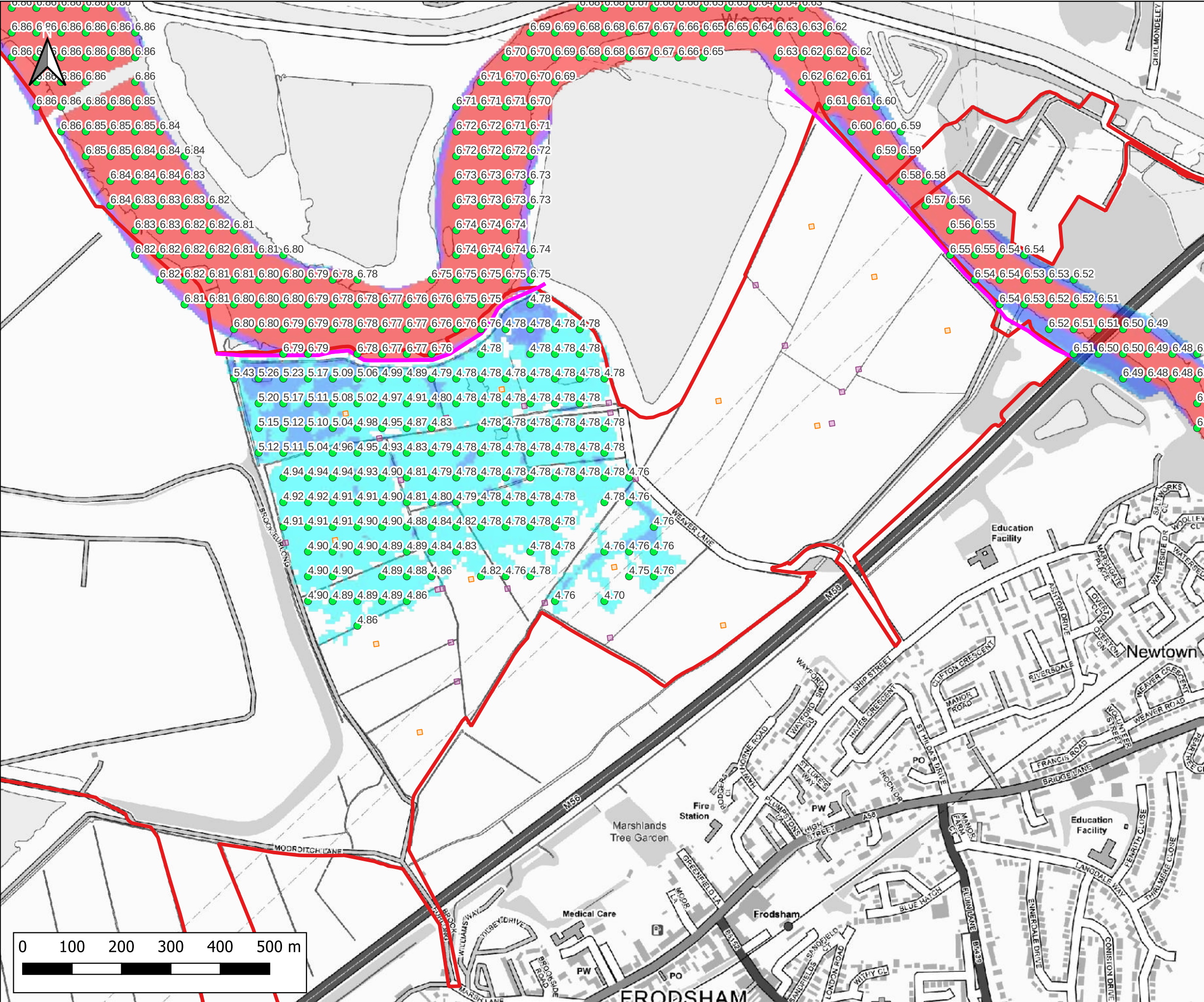
River Mersey Maximum Flood Water Level  
0.5% AEP Tidal Event  
2024 Higher Central  
Defended Existing Scenario (EXG)

PLOT STATUS:		DATE:	
FINAL		20-10-2025	

DRAWN:	CHECKED:	APPROVED:	PLOT SCALE AT A3:
IH	LP	AW	1:7500

PLOT NAME:	REVISION:
14740_MERS_T200HC_2024HC_EXG_DEF_020_h_Max	-





Notes:  
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

**LEGEND**

- Site Boundary
- River Weaver Flood Defences
- Proposed Volume Displacement
- Proposed Crossings
- Maximum Water Level (m AOD)

Maximum Flood Depth

- <- 0.3m
- 0.3m - 0.6m
- 0.6m - 1.2m
- 1.2m - 2.4m
- > 2.4m

CLIENT:

Frodsham Solar Ltd

www.waterco.co.uk

SCHEME:

Frodsham Solar

PLOT TITLE:

River Mersey Maximum Flood Water Level  
0.5% AEP Tidal Event  
2024 Higher Central  
Defended Proposed Development Scenario (DEV)

PLOT STATUS:		DATE:	
FINAL		20-10-2025	

DRAWN:	CHECKED:	APPROVED:	PLOT SCALE AT A3:
IH	LP	AW	1:7500

PLOT NAME:	REVISION:
14740_MERS_T200HC_2024HC_DEV3_DEF_020_h_Max	-





Notes:  
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

**LEGEND**

- Site Boundary
- River Weaver Flood Defences
- Maximum Water Level (m AOD)

Maximum Flood Depth

- <- 0.3m
- 0.3m - 0.6m
- 0.6m - 1.2m
- 1.2m - 2.4m
- > 2.4m

CLIENT:

Frodsham Solar Ltd

www.waterco.co.uk

SCHEME:

Frodsham Solar

PLOT TITLE:

River Mersey Maximum Flood Water Level  
0.5% AEP Tidal Event  
2075 Higher Central  
Defended Existing Scenario (EXG)

PLOT STATUS:		DATE:	
FINAL		20-10-2025	

DRAWN:	CHECKED:	APPROVED:	PLOT SCALE AT A3:
IH	LP	AW	1:7500

PLOT NAME:	REVISION:
14740_MERS_T200HC_2075HC_EXG_DEF_020_h_Max	-









Notes:  
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

**LEGEND**

- Site Boundary
- River Weaver Flood Defences
- Maximum Water Level (m AOD)

Maximum Flood Depth

- < 0.3m
- 0.3m - 0.6m
- 0.6m - 1.2m
- 1.2m - 2.4m
- > 2.4m

CLIENT:

Frodsham Solar Ltd

www.waterco.co.uk

SCHEME:

Frodsham Solar

PLOT TITLE:

River Mersey Maximum Flood Water Level  
0.5% AEP Tidal Event  
2075 Upper End  
Defended Existing Scenario (EXG)

PLOT STATUS:		DATE:	
FINAL		20-10-2025	

DRAWN:	CHECKED:	APPROVED:	PLOT SCALE AT A3:
IH	LP	AW	1:7500

PLOT NAME:	REVISION:
14740_MERS_T200HC_2075UE_EXG_DEF_020_h_Max	-





Notes:  
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

**LEGEND**

- Site Boundary
- River Weaver Flood Defences
- Proposed Volume Displacement
- Proposed Crossings
- Maximum Water Level (m AOD)

Maximum Flood Depth

- <- 0.3m
- 0.3m - 0.6m
- 0.6m - 1.2m
- 1.2m - 2.4m
- > 2.4m

CLIENT:

Frodsham Solar Ltd

www.waterco.co.uk

SCHEME:

Frodsham Solar

PLOT TITLE:

River Mersey Maximum Flood Water Level  
0.5% AEP Tidal Event  
2075 Upper End  
Defended Proposed Development Scenario (DEV)

PLOT STATUS:		DATE:	
FINAL		20-10-2025	

DRAWN:	CHECKED:	APPROVED:	PLOT SCALE AT A3:
IH	LP	AW	1:7500

PLOT NAME:	REVISION:
14740_MERS_T200HC_2075UE_DEV3_DEF_020_h_Max	-





Notes:  
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

**LEGEND**

- Site Boundary
- River Weaver Flood Defences
- Maximum Water Level (m AOD)

Maximum Flood Depth

- <- 0.3m
- 0.3m - 0.6m
- 0.6m - 1.2m
- 1.2m - 2.4m
- > 2.4m

CLIENT:

Frodsham Solar Ltd

www.waterco.co.uk

SCHEME:

Frodsham Solar

PLOT TITLE:

River Mersey Maximum Flood Water Level  
0.5% AEP Tidal Event  
H++  
Defended Existing Scenario (EXG)

PLOT STATUS:		DATE:	
FINAL		20-10-2025	

DRAWN:	CHECKED:	APPROVED:	PLOT SCALE AT A3:
IH	LP	AW	1:7500

PLOT NAME:	REVISION:
14740_MERS_T200HC_2100H++_EXG_DEF_020_h_Max	-





Notes:  
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

**LEGEND**

- Site Boundary
- River Weaver Flood Defences
- Proposed Volume Displacement
- Proposed Crossings
- Maximum Water Level (m AOD)

Maximum Flood Depth

- <- 0.3m
- 0.3m - 0.6m
- 0.6m - 1.2m
- 1.2m - 2.4m
- > 2.4m

CLIENT:

Frodsham Solar Ltd

www.waterco.co.uk

SCHEME:

Frodsham Solar

PLOT TITLE:

River Mersey Maximum Flood Water Level  
0.5% AEP Tidal Event  
H++  
Defended Proposed Development Scenario (DEV)

PLOT STATUS:		DATE:	
FINAL		20-10-2025	

DRAWN:	CHECKED:	APPROVED:	PLOT SCALE AT A3:
IH	LP	AW	1:7500

PLOT NAME:	REVISION:
14740_MERS_T200HC_2100H++_DEV3_DEF_020_h_Max	-





Notes:  
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

**LEGEND**

- Site Boundary
- River Weaver Flood Defences
- Maximum Water Level (m AOD)

Maximum Flood Depth

- <- 0.3m
- 0.3m - 0.6m
- 0.6m - 1.2m
- 1.2m - 2.4m
- > 2.4m

CLIENT:

Frodsham Solar Ltd

www.waterco.co.uk

SCHEME:

Frodsham Solar

PLOT TITLE:

River Mersey Maximum Flood Water Level  
0.1% AEP Tidal Event  
2024 Higher Central  
Defended Existing Scenario (EXG)

PLOT STATUS:		DATE:	
FINAL		20-10-2025	

DRAWN:	CHECKED:	APPROVED:	PLOT SCALE AT A3:
IH	LP	AW	1:7500

PLOT NAME:	REVISION:
14740_MERS_T1000HC_2024HC_EXG_DEF_020_h_Max	-





Notes:  
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

**LEGEND**  

Site Boundary

River Weaver Flood Defences

Proposed Volume Displacement

Proposed Crossings

Maximum Water Level (m AOD)

Maximum Flood Depth  

<- 0.3m

0.3m - 0.6m

0.6m - 1.2m

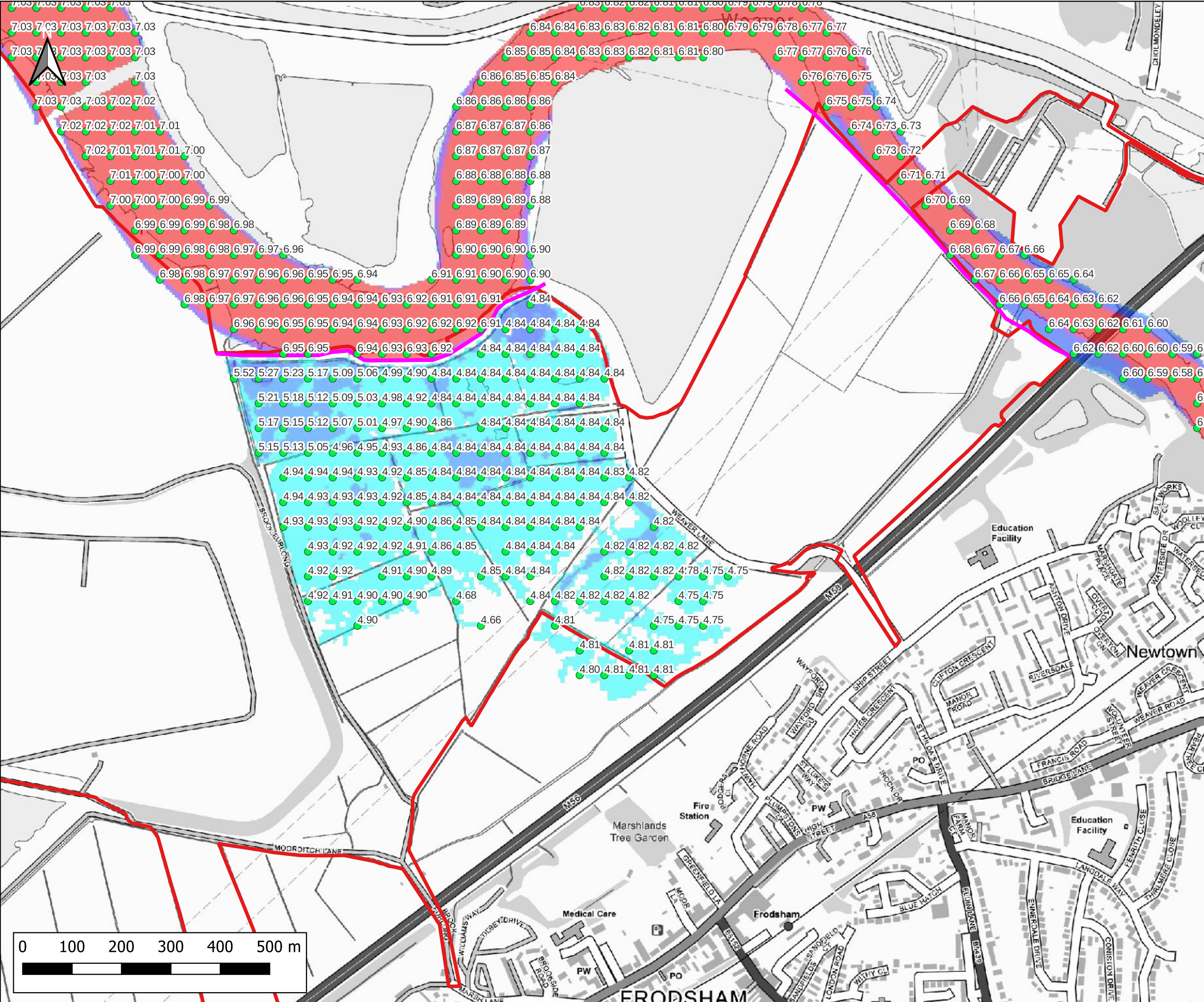
1.2m - 2.4m

> 2.4m

CLIENT: <div>Frodsham Solar Ltd</div>			
<div><div>waterco</div><div>www.waterco.co.uk</div></div>			
SCHEME: <div>Frodsham Solar</div>			
PLOT TITLE: River Mersey Maximum Flood Water Level 0.1% AEP Tidal Event 2024 Higher Central Defended Proposed Development Scenario (DEV)			
PLOT STATUS: FINAL			DATE: 20-10-2025
DRAWN: IH	CHECKED: LP	APPROVED: AW	PLOT SCALE AT A3: 1:7500
PLOT NAME: 14740_MERS_T1000HC_2024HC_DEV3_DEF_020_h_Max			REVISION: -

CONTAINS OS DATA © CROWN COPYRIGHT (2025)





Notes:  
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

**LEGEND**

- Site Boundary
- River Weaver Flood Defences
- Maximum Water Level (m AOD)

Maximum Flood Depth

- <- 0.3m
- 0.3m - 0.6m
- 0.6m - 1.2m
- 1.2m - 2.4m
- > 2.4m

CLIENT:

Frodsham Solar Ltd

www.waterco.co.uk

SCHEME:

Frodsham Solar

PLOT TITLE:

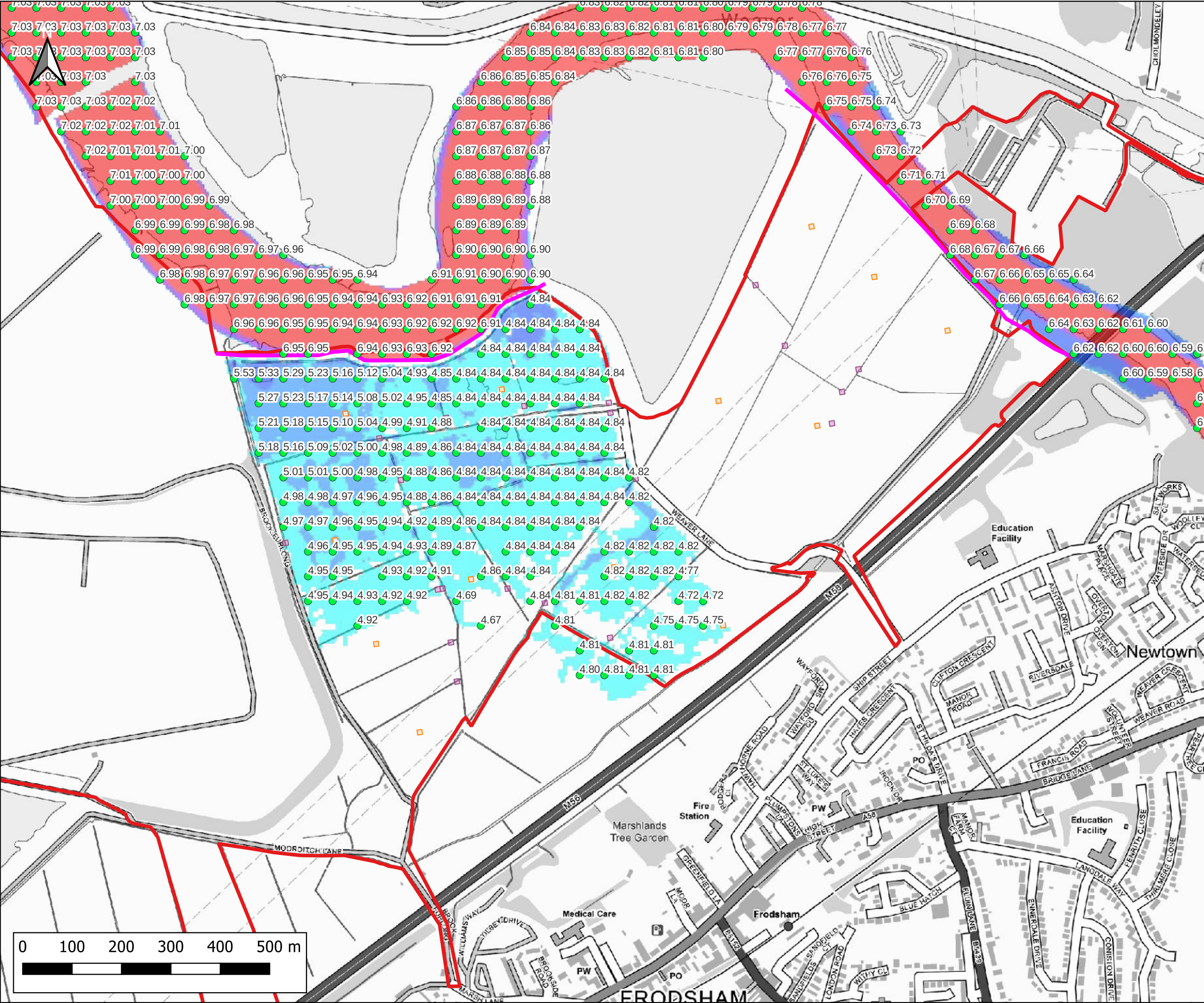
River Mersey Maximum Flood Water Level  
0.5% AEP Tidal Event  
2024 Higher Central  
Breach 1 Existing Scenario (EXG)

PLOT STATUS:		DATE:	
FINAL		20-10-2025	

DRAWN:	CHECKED:	APPROVED:	PLOT SCALE AT A3:
IH	LP	AW	1:7500

PLOT NAME:	REVISION:
14740_MERS_T200HC_2024HC_EXG_BR1_020_h_Max	-





Notes:  
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

**LEGEND**

- Site Boundary
- River Weaver Flood Defences
- Proposed Volume Displacement
- Proposed Crossings
- Maximum Water Level (m AOD)

Maximum Flood Depth

- <- 0.3m
- 0.3m - 0.6m
- 0.6m - 1.2m
- 1.2m - 2.4m
- > 2.4m

CLIENT:

Frodsham Solar Ltd

www.waterco.co.uk

SCHEME:

Frodsham Solar

PLOT TITLE:

River Mersey Maximum Flood Water Level  
0.5% AEP Tidal Event  
2024 Higher Central  
Breach 1 Proposed Development Scenario (DEV)

PLOT STATUS:		DATE:	
FINAL		20-10-2025	

DRAWN:	CHECKED:	APPROVED:	PLOT SCALE AT A3:
IH	LP	AW	1:7500

PLOT NAME:	REVISION:
14740_MERS_T200HC_2024HC_DEV3_BR1_020_h_Max	-





Notes:  
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

**LEGEND**

- Site Boundary
- River Weaver Flood Defences
- Maximum Water Level (m AOD)

Maximum Flood Depth

- < 0.3m
- 0.3m - 0.6m
- 0.6m - 1.2m
- 1.2m - 2.4m
- > 2.4m

CLIENT:

Frodsham Solar Ltd

www.waterco.co.uk

SCHEME:

Frodsham Solar

PLOT TITLE:

River Mersey Maximum Flood Water Level  
0.5% AEP Tidal Event  
2075 Higher Central  
Breach 1 Existing Scenario (EXG)

PLOT STATUS:		DATE:	
FINAL		20-10-2025	

DRAWN:	CHECKED:	APPROVED:	PLOT SCALE AT A3:
IH	LP	AW	1:7500

PLOT NAME:	REVISION:
14740_MERS_T200HC_2075HC_EXG_BR1_020_h_Max	-





Notes:  
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

**LEGEND**

- Site Boundary
- River Weaver Flood Defences
- Proposed Volume Displacement
- Proposed Crossings
- Maximum Water Level (m AOD)

Maximum Flood Depth

- <- 0.3m
- 0.3m - 0.6m
- 0.6m - 1.2m
- 1.2m - 2.4m
- > 2.4m

CLIENT:

Frodsham Solar Ltd

www.waterco.co.uk

SCHEME:

Frodsham Solar

PLOT TITLE:

River Mersey Maximum Flood Water Level  
0.5% AEP Tidal Event  
2075 Higher Central  
Breach 1 Proposed Development Scenario (DEV)

PLOT STATUS:		DATE:	
FINAL		20-10-2025	

DRAWN:	CHECKED:	APPROVED:	PLOT SCALE AT A3:
IH	LP	AW	1:7500

PLOT NAME:	REVISION:
14740_MERS_T200HC_2075HC_DEV3_BR1_020_h_Max	-





Notes:  
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

**LEGEND**

- Site Boundary
- River Weaver Flood Defences
- Maximum Water Level (m AOD)

Maximum Flood Depth

- <- 0.3m
- 0.3m - 0.6m
- 0.6m - 1.2m
- 1.2m - 2.4m
- > 2.4m

CLIENT:

Frodsham Solar Ltd

www.waterco.co.uk

SCHEME:

Frodsham Solar

PLOT TITLE:

River Mersey Maximum Flood Water Level  
0.5% AEP Tidal Event  
2075 Upper End  
Breach 1 Existing Scenario (EXG)

PLOT STATUS:		DATE:	
FINAL		20-10-2025	

DRAWN:	CHECKED:	APPROVED:	PLOT SCALE AT A3:
IH	LP	AW	1:7500

PLOT NAME:	REVISION:
14740_MERS_T200HC_2075UE_EXG_BR1_020_h_Max	-





Notes:  
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

**LEGEND**

- Site Boundary
- River Weaver Flood Defences
- Proposed Volume Displacement
- Proposed Crossings
- Maximum Water Level (m AOD)

Maximum Flood Depth

- <- 0.3m
- 0.3m - 0.6m
- 0.6m - 1.2m
- 1.2m - 2.4m
- > 2.4m

CLIENT:

Frodsham Solar Ltd

www.waterco.co.uk

SCHEME:

Frodsham Solar

PLOT TITLE:

River Mersey Maximum Flood Water Level  
0.5% AEP Tidal Event  
2075 Upper End  
Breach 1 Proposed Development Scenario (DEV)

PLOT STATUS:		DATE:	
FINAL		20-10-2025	

DRAWN:	CHECKED:	APPROVED:	PLOT SCALE AT A3:
IH	LP	AW	1:7500

PLOT NAME:	REVISION:
14740_MERS_T200HC_2075UE_DEV3_BR1_020_h_Max	-





Notes:  
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

**LEGEND**

- Site Boundary
- River Weaver Flood Defences
- Maximum Water Level (m AOD)

Maximum Flood Depth

- < 0.3m
- 0.3m - 0.6m
- 0.6m - 1.2m
- 1.2m - 2.4m
- > 2.4m

CLIENT:

Frodsham Solar Ltd

www.waterco.co.uk

SCHEME:

Frodsham Solar

PLOT TITLE:

River Mersey Maximum Flood Water Level  
0.5% AEP Tidal Event  
H++  
Breach 1 Existing Scenario (EXG)

PLOT STATUS:		DATE:	
FINAL		20-10-2025	

DRAWN:	CHECKED:	APPROVED:	PLOT SCALE AT A3:
IH	LP	AW	1:7500

PLOT NAME:	REVISION:
14740_MERS_T200HC_2100H++_EXG_BR1_020_h_Max	-





Notes:  
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

**LEGEND**

- Site Boundary
- River Weaver Flood Defences
- Proposed Volume Displacement
- Proposed Crossings
- Maximum Water Level (m AOD)

Maximum Flood Depth

- < 0.3m
- 0.3m - 0.6m
- 0.6m - 1.2m
- 1.2m - 2.4m
- > 2.4m

CLIENT:

Frodsham Solar Ltd

www.waterco.co.uk

SCHEME:

Frodsham Solar

PLOT TITLE:

River Mersey Maximum Flood Water Level  
0.5% AEP Tidal Event  
H++  
Breach 1 Proposed Development Scenario (DEV)

PLOT STATUS:		DATE:	
FINAL		20-10-2025	

DRAWN:	CHECKED:	APPROVED:	PLOT SCALE AT A3:
IH	LP	AW	1:7500

PLOT NAME:	REVISION:
14740_MERS_T200HC_2100H++_DEV3_BR1_020_h_Max	-





Notes:  
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

**LEGEND**

- Site Boundary
- River Weaver Flood Defences
- Maximum Water Level (m AOD)

Maximum Flood Depth

- <- 0.3m
- 0.3m - 0.6m
- 0.6m - 1.2m
- 1.2m - 2.4m
- > 2.4m

CLIENT:

Frodsham Solar Ltd

www.waterco.co.uk

SCHEME:

Frodsham Solar

PLOT TITLE:

River Mersey Maximum Flood Water Level  
0.1% AEP Tidal Event  
2024 Higher Central  
Breach 1 Existing Scenario (EXG)

PLOT STATUS:		DATE:	
FINAL		20-10-2025	

DRAWN:	CHECKED:	APPROVED:	PLOT SCALE AT A3:
IH	LP	AW	1:7500

PLOT NAME:	REVISION:
14740_MERS_T1000HC_2024HC_EXG_BR1_020_h_Max	-





Notes:  
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

**LEGEND**

- Site Boundary
- River Weaver Flood Defences
- Proposed Volume Displacement
- Proposed Crossings
- Maximum Water Level (m AOD)

Maximum Flood Depth

- <- 0.3m
- 0.3m - 0.6m
- 0.6m - 1.2m
- 1.2m - 2.4m
- > 2.4m

CLIENT:

Frodsham Solar Ltd

www.waterco.co.uk

SCHEME:

Frodsham Solar

PLOT TITLE:

River Mersey Maximum Flood Water Level  
0.1% AEP Tidal Event  
2024 Higher Central  
Breach 1 Proposed Development Scenario (DEV)

PLOT STATUS:		DATE:	
FINAL		20-10-2025	

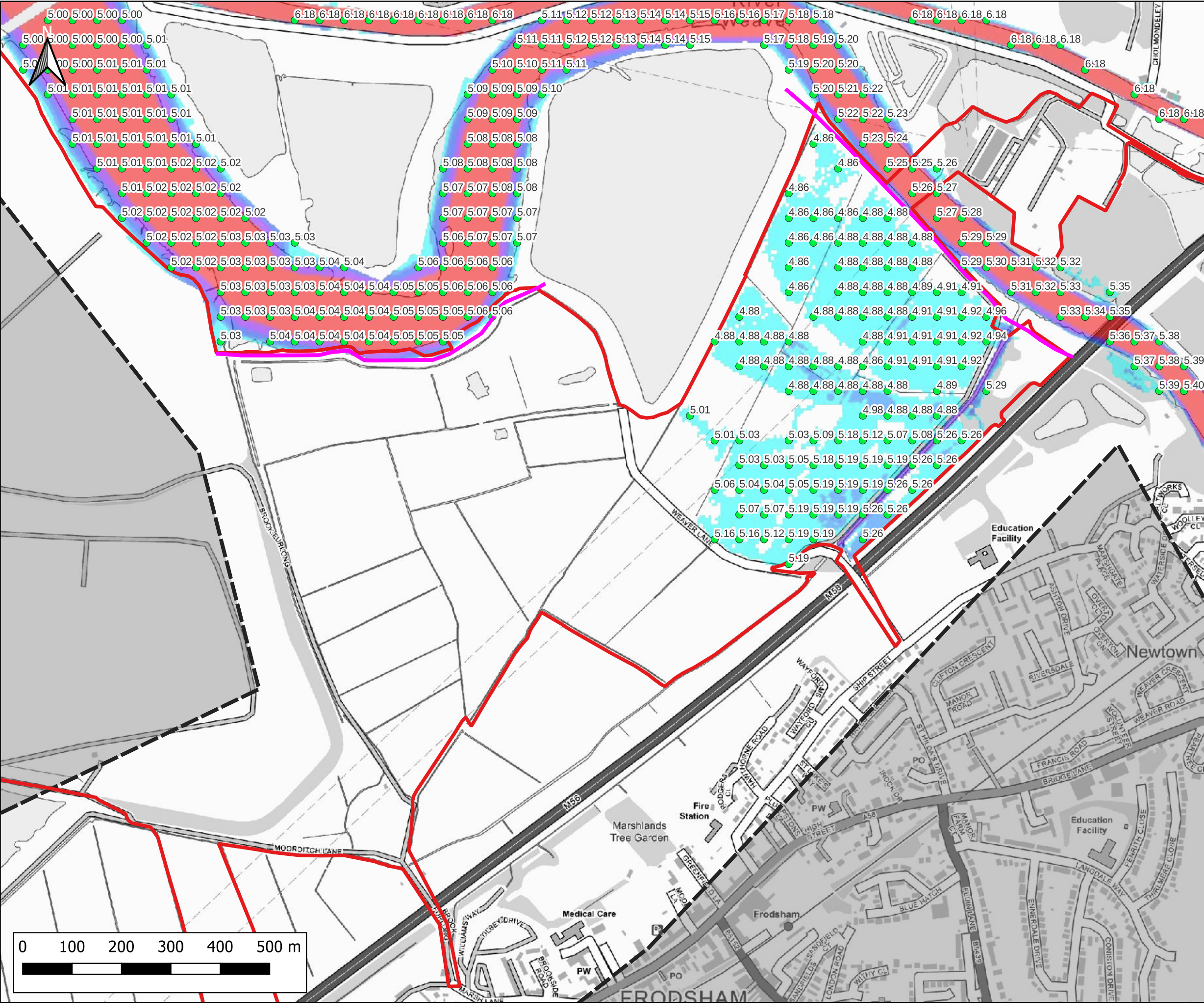
DRAWN:	CHECKED:	APPROVED:	PLOT SCALE AT A3:
IH	LP	AW	1:7500

PLOT NAME:	REVISION:
14740_MERS_T1000HC_2024HC_DEV3_BR1_020_h_Max	-



## River Weaver Water Level Mapping





Notes:  
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

**LEGEND**

- Site Boundary
- 2D Model Extent
- River Weaver Flood Defences
- Maximum Water Level (m AOD)

Maximum Flood Depth

- < 0.3m
- 0.3m - 0.6m
- 0.6m - 1.2m
- 1.2m - 2.4m
- > 2.4m

CLIENT:

Frodsham Solar Ltd

www.waterco.co.uk

SCHEME:

Frodsham Solar

PLOT TITLE:

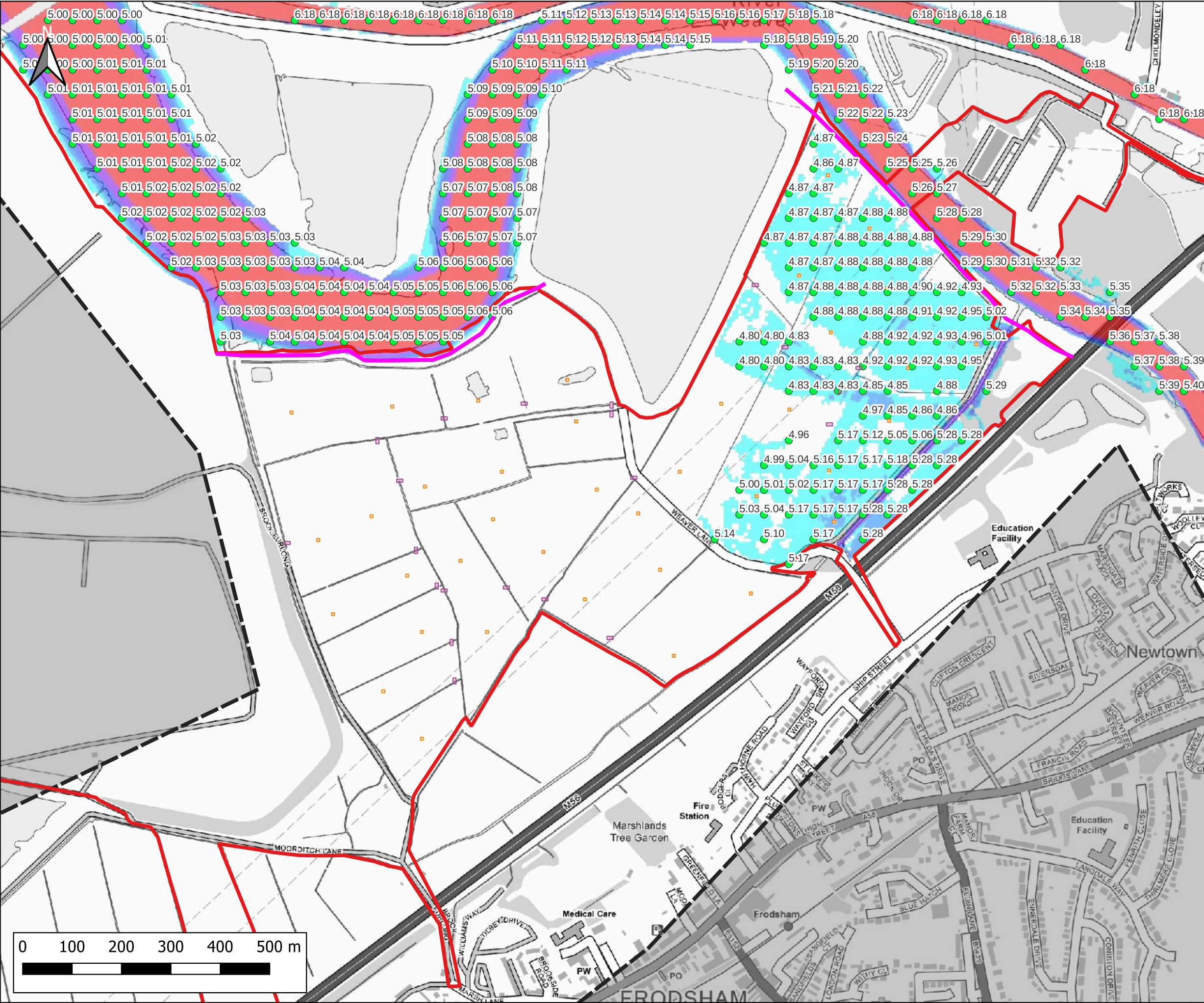
River Weaver Maximum Flood Water Level  
1% AEP Fluvial Event  
MWHS Tidal Event  
Defended Existing Scenario (EXG)

PLOT STATUS:		DATE:	
FINAL		17-10-2025	

DRAWN:	CHECKED:	APPROVED:	PLOT SCALE AT A3:
IH	LP	AW	1:7500

PLOT NAME:	REVISION:
14740_LW_DEF_EXG_Q100_M(LOW)_ME(MHWS)_052_h_Max	-





Notes:  
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

**LEGEND**

- Site Boundary
- 2D Model Extent
- River Weaver Flood Defences
- Proposed Volume Displacement
- Proposed Crossings
- Maximum Water Level (m AOD)

Maximum Flood Depth

- < 0.3m
- 0.3m - 0.6m
- 0.6m - 1.2m
- 1.2m - 2.4m
- > 2.4m

CLIENT:

Frodsham Solar Ltd

www.waterco.co.uk

SCHEME:

Frodsham Solar

PLOT TITLE:

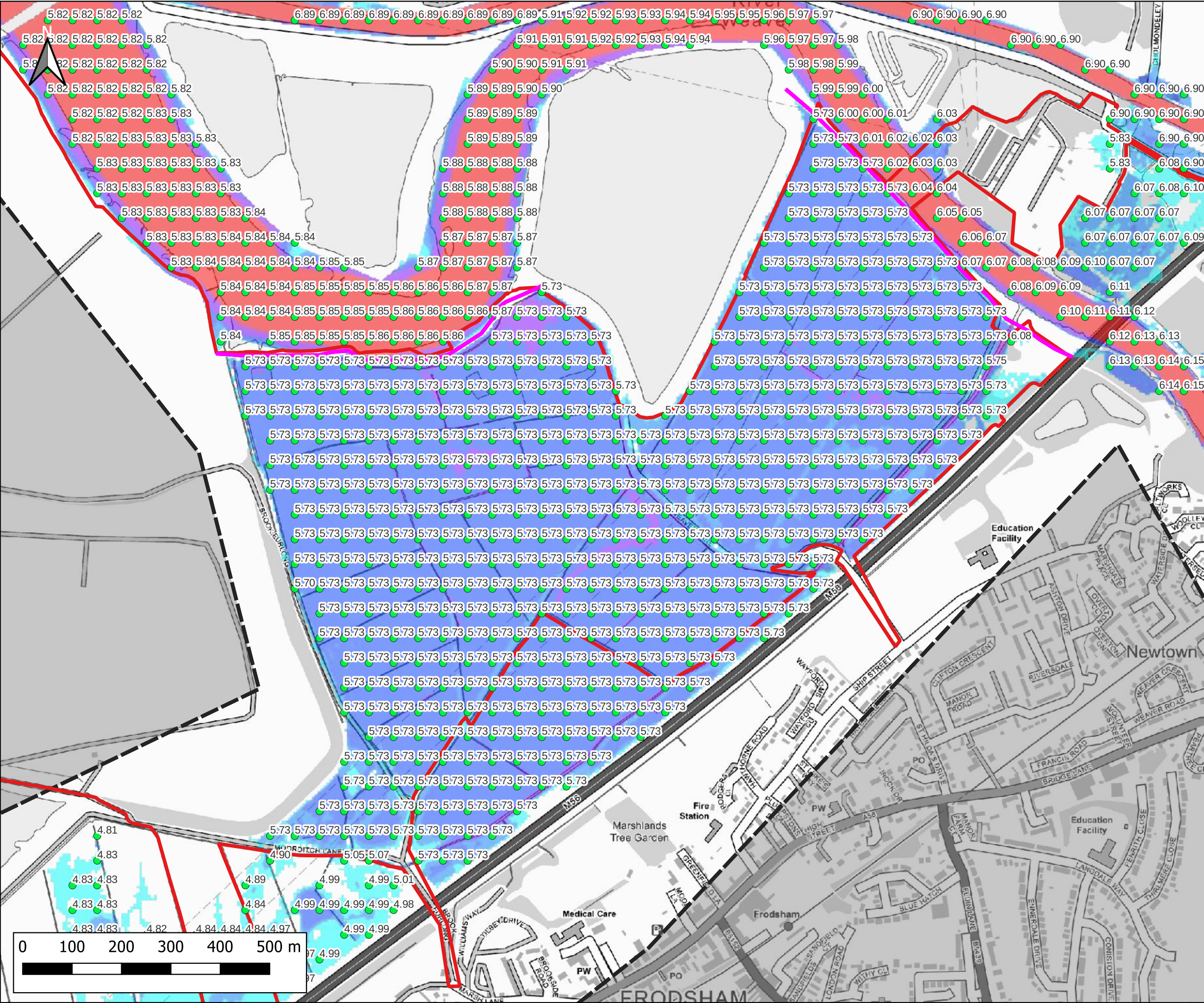
River Weaver Maximum Flood Water Level  
1% AEP Fluvial Event  
MWHS Tidal Event  
Proposed Development Scenario (DEV)

PLOT STATUS:		DATE:	
FINAL		17-10-2025	

DRAWN:	CHECKED:	APPROVED:	PLOT SCALE AT A3:
IH	LP	AW	1:7500

PLOT NAME:	REVISION:
14740_LW_DEF_DEV3_Q100_M(LOW)_ME(MHWS)_052_h_Max	-





Notes:  
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

**LEGEND**

- Site Boundary
- 2D Model Extent
- River Weaver Flood Defences
- Maximum Water Level (m AOD)

Maximum Flood Depth

- < 0.3m
- 0.3m - 0.6m
- 0.6m - 1.2m
- 1.2m - 2.4m
- > 2.4m

CLIENT:

Frodsham Solar Ltd

www.waterco.co.uk

SCHEME:

Frodsham Solar

PLOT TITLE:

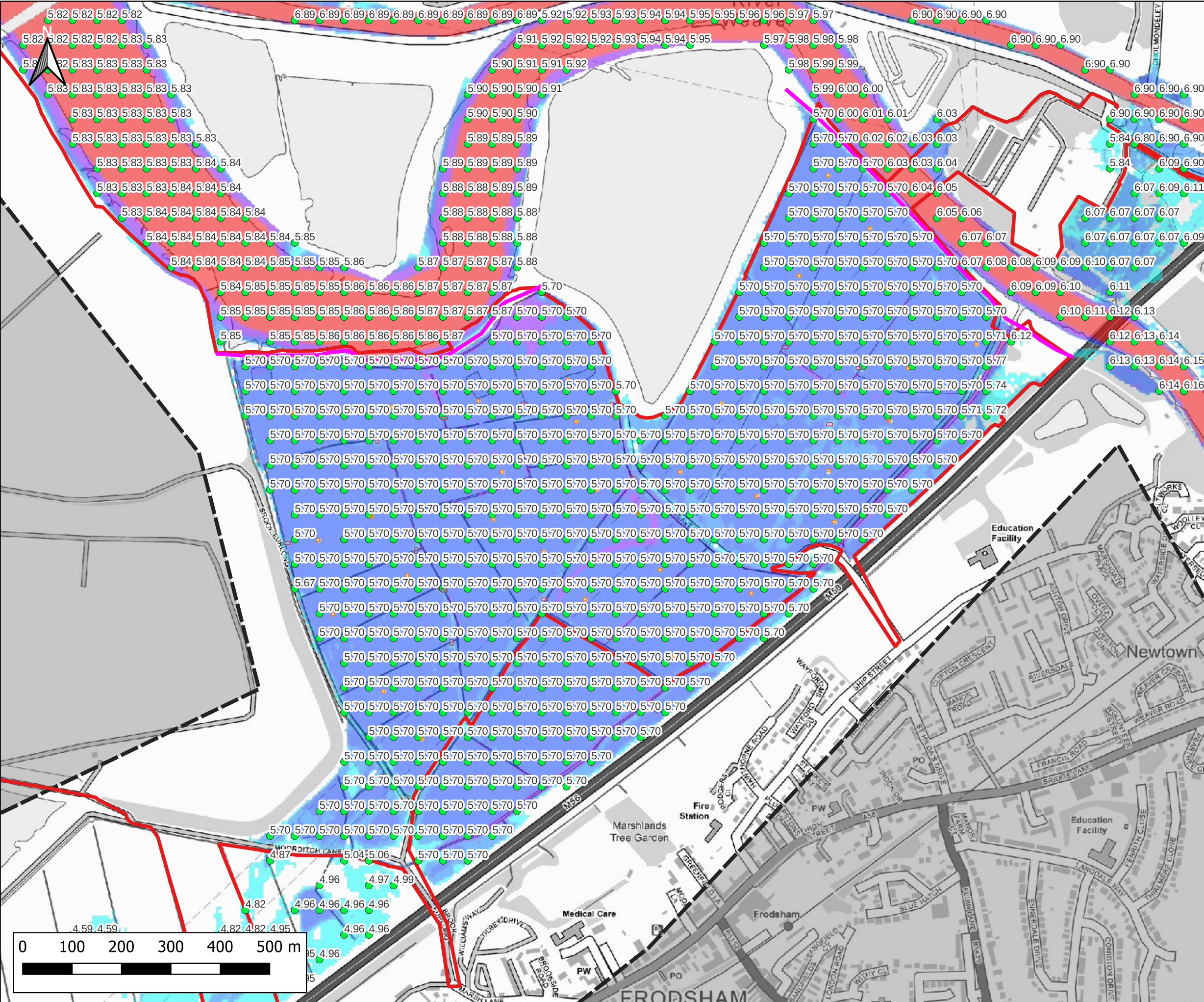
River Weaver Maximum Flood Water Level  
1% AEP +67% CC Fluvial Event  
MWHS +CC Tidal Event  
Defended Existing Scenario (EXG)

PLOT STATUS:		DATE:	
FINAL		17-10-2025	

DRAWN:	CHECKED:	APPROVED:	PLOT SCALE AT A3:
IH	LP	AW	1:7500

PLOT NAME:	REVISION:
14740_LW_DEF_EXG_Q100CC67_M(LOW)_ME(MHWS)CC_052_h_Max	-





Notes:  
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

**LEGEND**

- Site Boundary
- 2D Model Extent
- River Weaver Flood Defences
- Proposed Volume Displacement
- Proposed Crossings
- Maximum Water Level (m AOD)

Maximum Flood Depth

- < 0.3m
- 0.3m - 0.6m
- 0.6m - 1.2m
- 1.2m - 2.4m
- > 2.4m

CLIENT:

Frodsham Solar Ltd

www.waterco.co.uk

SCHEME:

Frodsham Solar

PLOT TITLE:

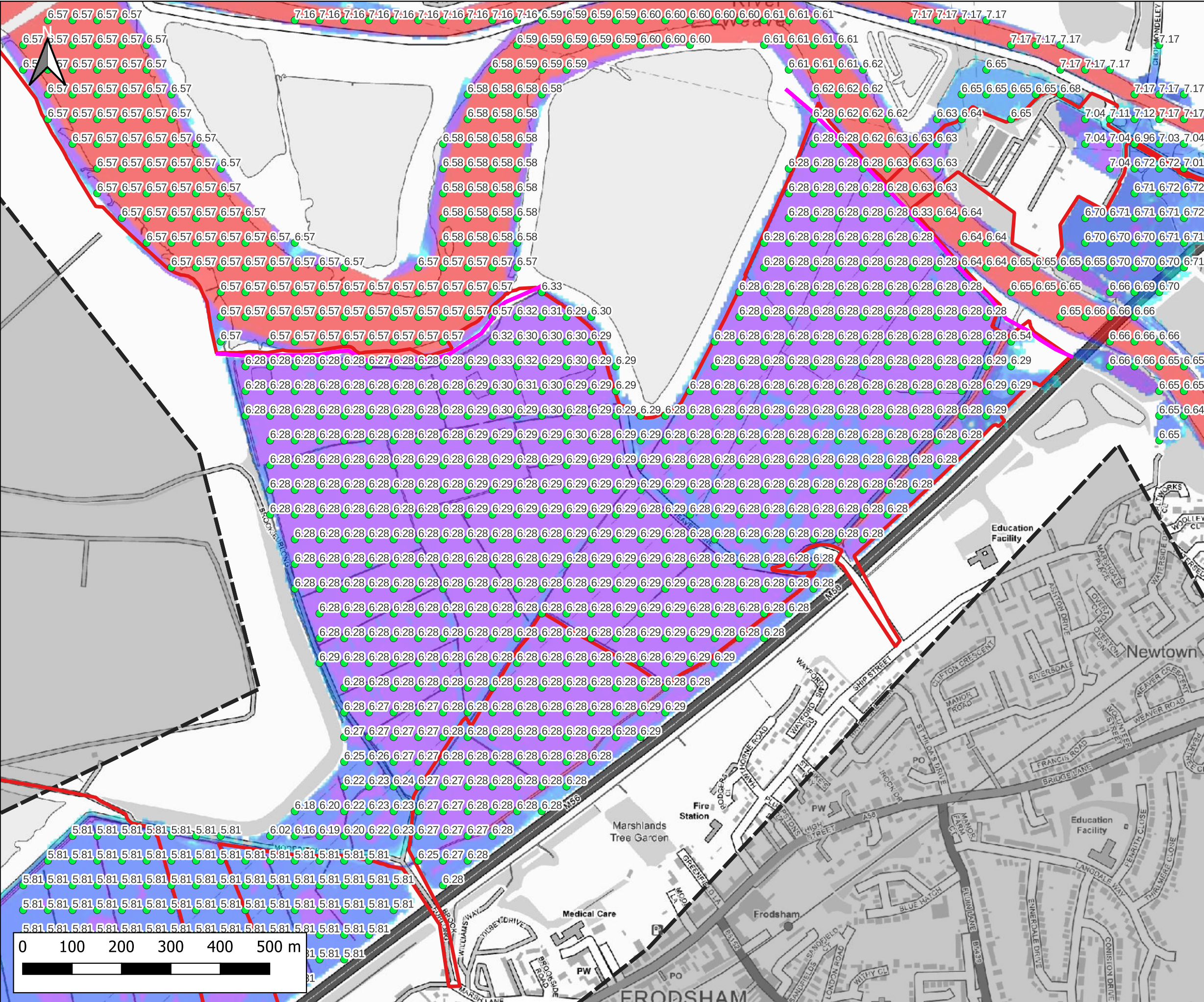
River Weaver Maximum Flood Water Level  
1% AEP +67% CC Fluvial Event  
MWHS +CC Tidal Event  
Proposed Development Scenario (DEV)

PLOT STATUS:		DATE:	
FINAL		17-10-2025	

DRAWN:	CHECKED:	APPROVED:	PLOT SCALE AT A3:
IH	LP	AW	1:7500

PLOT NAME:	REVISION:
14740_LW_DEF_DEV3_Q100CC67_M(Low)_ME(MHWSCC)_052_h_Max	-





Notes:  
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

**LEGEND**

- Site Boundary
- 2D Model Extent
- River Weaver Flood Defences
- Maximum Water Level (m AOD)

Maximum Flood Depth

- < 0.3m
- 0.3m - 0.6m
- 0.6m - 1.2m
- 1.2m - 2.4m
- > 2.4m

CLIENT:

Frodsham Solar Ltd

www.waterco.co.uk

SCHEME:

Frodsham Solar

PLOT TITLE:

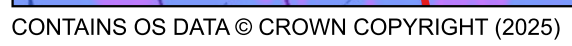
River Weaver Maximum Flood Water Level  
1% AEP +67% CC Fluvial Event  
0.5% AEP Tidal Event (2075)  
Defended Existing Scenario (EXG)


PLOT STATUS:			DATE:
FINAL			17-10-2025

DRAWN:	CHECKED:	APPROVED:	PLOT SCALE AT A3:
IH	LP	AW	1:7500

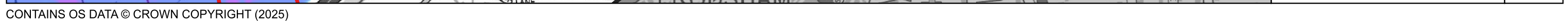
PLOT NAME:	REVISION:
14740_LW_DEF_EXG_Q100CC67_M(LOW)_ME(T200HC_2075UE)_052_h_Max	-



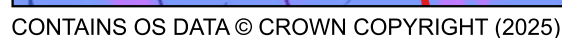


CLIENT:			
Frodsham Solar Ltd			
 www.waterco.co.uk			
SCHEME:			
Frodsham Solar			
PLOT TITLE:			
River Weaver Maximum Flood Water Level 1% AEP +67% CC Fluvial Event 0.5% AEP Tidal Event (2075) Proposed Development Scenario (DEV)			
PLOT STATUS:			
FINAL			
DATE:			
17-10-2025			
DRAWN:	CHECKED:	APPROVED:	PLOT SCALE AT A3:
IH	LP	AW	1:7500
PLOT NAME:			
14740_LW_DEF_DEV3_Q100CC67_M(LOW)_ME(T200HC_2075UE)_052_h_Max			
REVISION:			
-			













Notes:  
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

**LEGEND**

- Site Boundary
- 2D Model Extent
- River Weaver Flood Defences
- Maximum Water Level (m AOD)

Maximum Flood Depth

- <- 0.3m
- 0.3m - 0.6m
- 0.6m - 1.2m
- 1.2m - 2.4m
- > 2.4m

CLIENT:

Frodsham Solar Ltd

www.waterco.co.uk

SCHEME:

Frodsham Solar

PLOT TITLE:

River Weaver Maximum Flood Water Level  
0.1% AEP Fluvial Event  
MWHS Tidal Event  
Defended Existing Scenario (EXG)

PLOT STATUS:		DATE:	
FINAL		17-10-2025	

DRAWN:	CHECKED:	APPROVED:	PLOT SCALE AT A3:
IH	LP	AW	1:7500

PLOT NAME:	REVISION:
14740_LW_DEF_EXG_Q1000_M(LOW)_ME(MHWS)_052_h_Max	-





Notes:  
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

**LEGEND**

- Site Boundary
- 2D Model Extent
- River Weaver Flood Defences
- Proposed Volume Displacement
- Proposed Crossings
- Maximum Water Level (m AOD)

Maximum Flood Depth

- < 0.3m
- 0.3m - 0.6m
- 0.6m - 1.2m
- 1.2m - 2.4m
- > 2.4m

CLIENT:

Frodsham Solar Ltd

www.waterco.co.uk

SCHEME:

Frodsham Solar

PLOT TITLE:

River Weaver Maximum Flood Water Level  
0.1% AEP Fluvial Event  
MWHS Tidal Event  
Proposed Development Scenario (DEV)

PLOT STATUS:		DATE:	
FINAL		17-10-2025	

DRAWN:	CHECKED:	APPROVED:	PLOT SCALE AT A3:
IH	LP	AW	1:7500

PLOT NAME:	REVISION:
14740_LW_DEF_DEV3_Q1000_M(LOW)_ME(MHWS)_052_h_Max	-





Notes:  
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

**LEGEND**

- Site Boundary
- 2D Model Extent
- River Weaver Flood Defences
- Breach 1 Location (BR1)
- Maximum Water Level (m AOD)

Maximum Flood Depth

- <- 0.3m
- 0.3m - 0.6m
- 0.6m - 1.2m
- 1.2m - 2.4m
- > 2.4m

CLIENT:

Frodsham Solar Ltd

www.waterco.co.uk

SCHEME:

Frodsham Solar

PLOT TITLE:

River Weaver Maximum Flood Water Level  
1% AEP +67% CC Fluvial Event  
MWHS +CC Tidal Event  
Breach 1 Existing Scenario (EXG)

PLOT STATUS:		DATE:	
FINAL		17-10-2025	

DRAWN:	CHECKED:	APPROVED:	PLOT SCALE AT A3:
IH	LP	AW	1:7500

PLOT NAME:	REVISION:
14740_LW_BR1_EXG_Q100CC67_M(LOW)_ME(MHWS)CC_052_h_Max	-





Notes:  
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

**LEGEND**

- Site Boundary
- 2D Model Extent
- River Weaver Flood Defences
- Proposed Volume Displacement
- Proposed Crossings
- Breach 1 Location (BR1)
- Maximum Water Level (m AOD)

Maximum Flood Depth

- < 0.3m
- 0.3m - 0.6m
- 0.6m - 1.2m
- 1.2m - 2.4m
- > 2.4m

CLIENT:

Frodsham Solar Ltd

www.waterco.co.uk

SCHEME:

Frodsham Solar

PLOT TITLE:

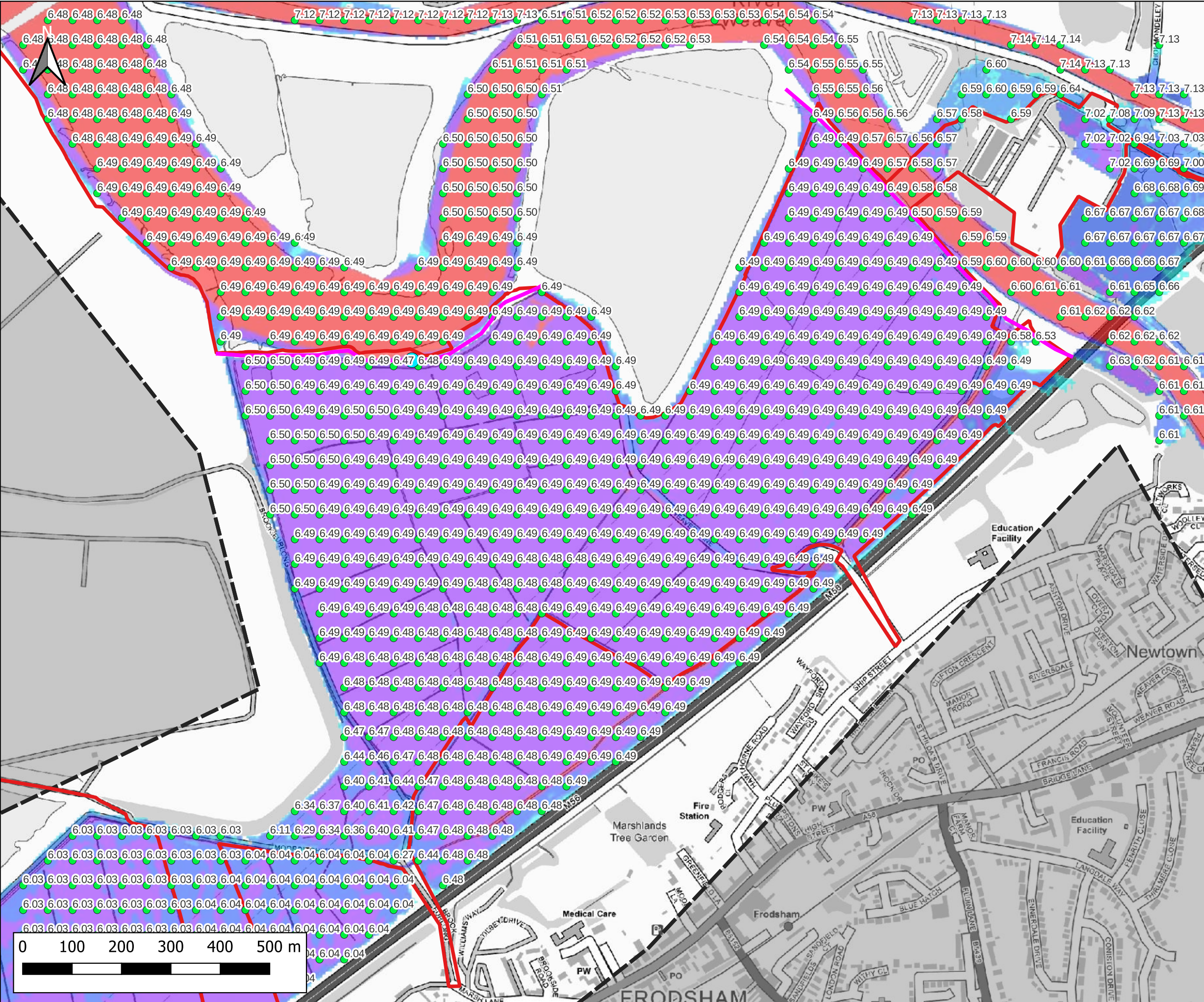
River Weaver Maximum Flood Water Level  
1% AEP +67% CC Fluvial Event  
MWHS +CC Tidal Event  
Breach 1 Proposed Development Scenario (DEV)

PLOT STATUS:		DATE:	
FINAL		17-10-2025	

DRAWN:	CHECKED:	APPROVED:	PLOT SCALE AT A3:
IH	LP	AW	1:7500

PLOT NAME:	REVISION:
14740_LW_BR1_DEV3_Q100CC67_M(Low)_ME(MHWS+CC)_052_h_Max	-





Notes:  
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

**LEGEND**

- Site Boundary
- 2D Model Extent
- River Weaver Flood Defences
- Breach 1 Location (BR1)
- Maximum Water Level (m AOD)

Maximum Flood Depth

- <- 0.3m
- 0.3m - 0.6m
- 0.6m - 1.2m
- 1.2m - 2.4m
- > 2.4m

CLIENT:

Frodsham Solar Ltd

www.waterco.co.uk

SCHEME:

Frodsham Solar

PLOT TITLE:

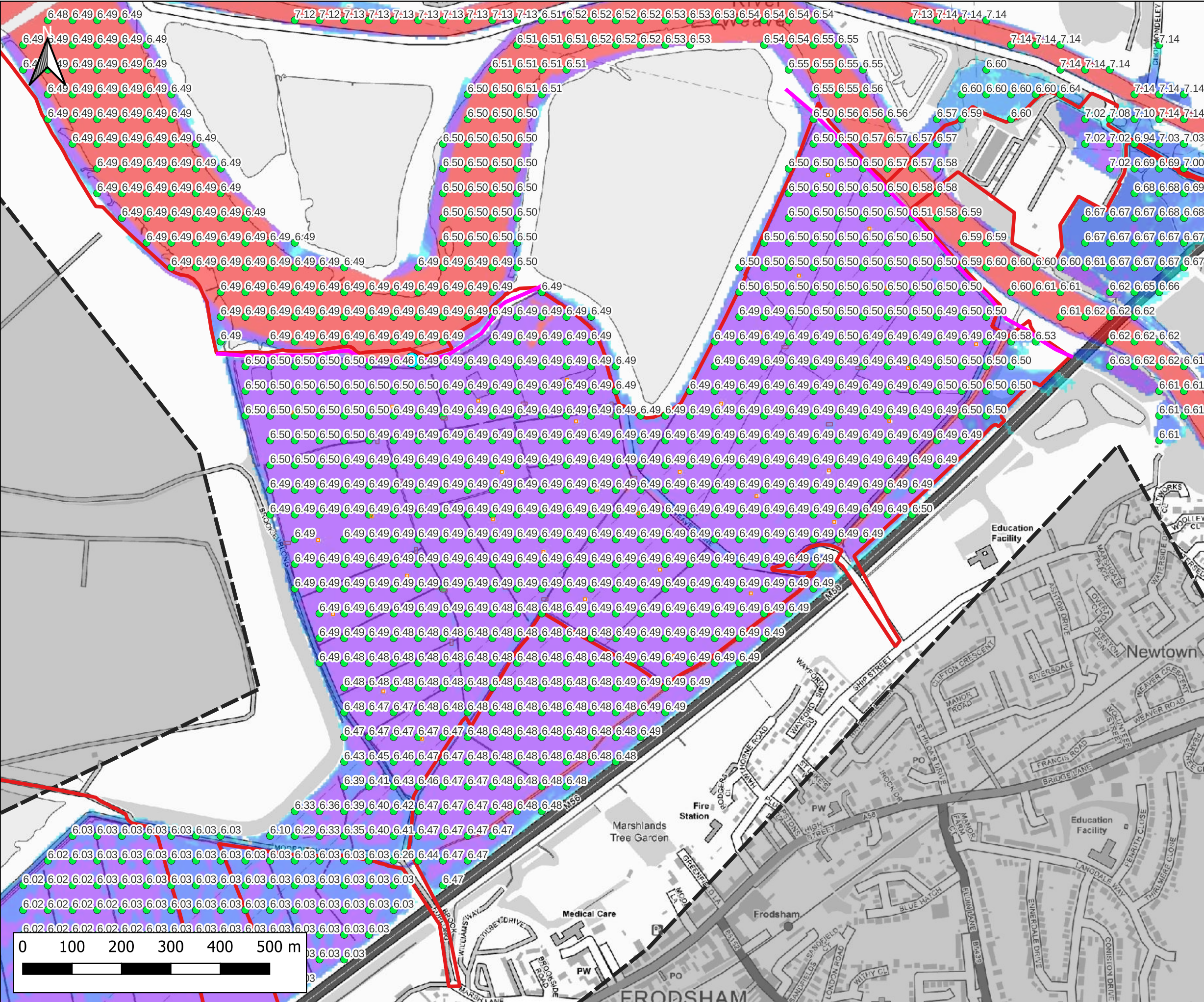
River Weaver Maximum Flood Water Level  
1% AEP +67% CC Fluvial Event  
0.5% AEP Tidal Event (2075)  
Breach 1 Existing Scenario (EXG)

PLOT STATUS:			DATE:
FINAL			17-10-2025

DRAWN:	CHECKED:	APPROVED:	PLOT SCALE AT A3:
IH	LP	AW	1:7500

PLOT NAME:	REVISION:
14740_LW_BR1_EXG_Q100CC67_M(LOW)_ME(T200HC_2075UE)_052_h_Max	-





Notes:  
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

**LEGEND**

- Site Boundary
- 2D Model Extent
- River Weaver Flood Defences
- Proposed Volume Displacement
- Proposed Crossings
- Breach 1 Location (BR1)
- Maximum Water Level (m AOD)

Maximum Flood Depth

- <- 0.3m
- 0.3m - 0.6m
- 0.6m - 1.2m
- 1.2m - 2.4m
- > 2.4m

CLIENT:

Frodsham Solar Ltd

www.waterco.co.uk

SCHEME:

Frodsham Solar

PLOT TITLE:

River Weaver Maximum Flood Water Level  
1% AEP +67% CC Fluvial Event  
0.5% AEP Tidal Event (2075)  
Breach 1 Proposed Development Scenario (DEV)

PLOT STATUS:			DATE:
FINAL			17-10-2025

DRAWN:	CHECKED:	APPROVED:	PLOT SCALE AT A3:
IH	LP	AW	1:7500

PLOT NAME:	REVISION:
14740_LW_BR1_DEV3_Q100CC67_M(LOW)_ME(T200HC_2075UE)_052_h_Max	-





Notes:  
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

**LEGEND**

- Site Boundary
- 2D Model Extent
- River Weaver Flood Defences
- Breach 1 Location (BR1)
- Maximum Water Level (m AOD)

Maximum Flood Depth

- < 0.3m
- 0.3m - 0.6m
- 0.6m - 1.2m
- 1.2m - 2.4m
- > 2.4m

CLIENT:

Frodsham Solar Ltd

www.waterco.co.uk

SCHEME:

Frodsham Solar

PLOT TITLE:

River Weaver Maximum Flood Water Level  
1% AEP +106% CC Fluvial Event  
MWHS +CC Tidal Event  
Breach 1 Existing Scenario (EXG)

PLOT STATUS:		DATE:	
FINAL		17-10-2025	

DRAWN:	CHECKED:	APPROVED:	PLOT SCALE AT A3:
IH	LP	AW	1:7500

PLOT NAME:	REVISION:
14740_LW_BR1_EXG_Q100CC106_M(Low)_ME(MHWS)CC_052_h_Max	-





Notes:  
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

**LEGEND**

- Site Boundary
- 2D Model Extent
- River Weaver Flood Defences
- Proposed Volume Displacement
- Proposed Crossings
- Breach 1 Location (BR1)
- Maximum Water Level (m AOD)

Maximum Flood Depth

- <- 0.3m
- 0.3m - 0.6m
- 0.6m - 1.2m
- 1.2m - 2.4m
- > 2.4m

CLIENT:

Frodsham Solar Ltd

www.waterco.co.uk

SCHEME:

Frodsham Solar

PLOT TITLE:

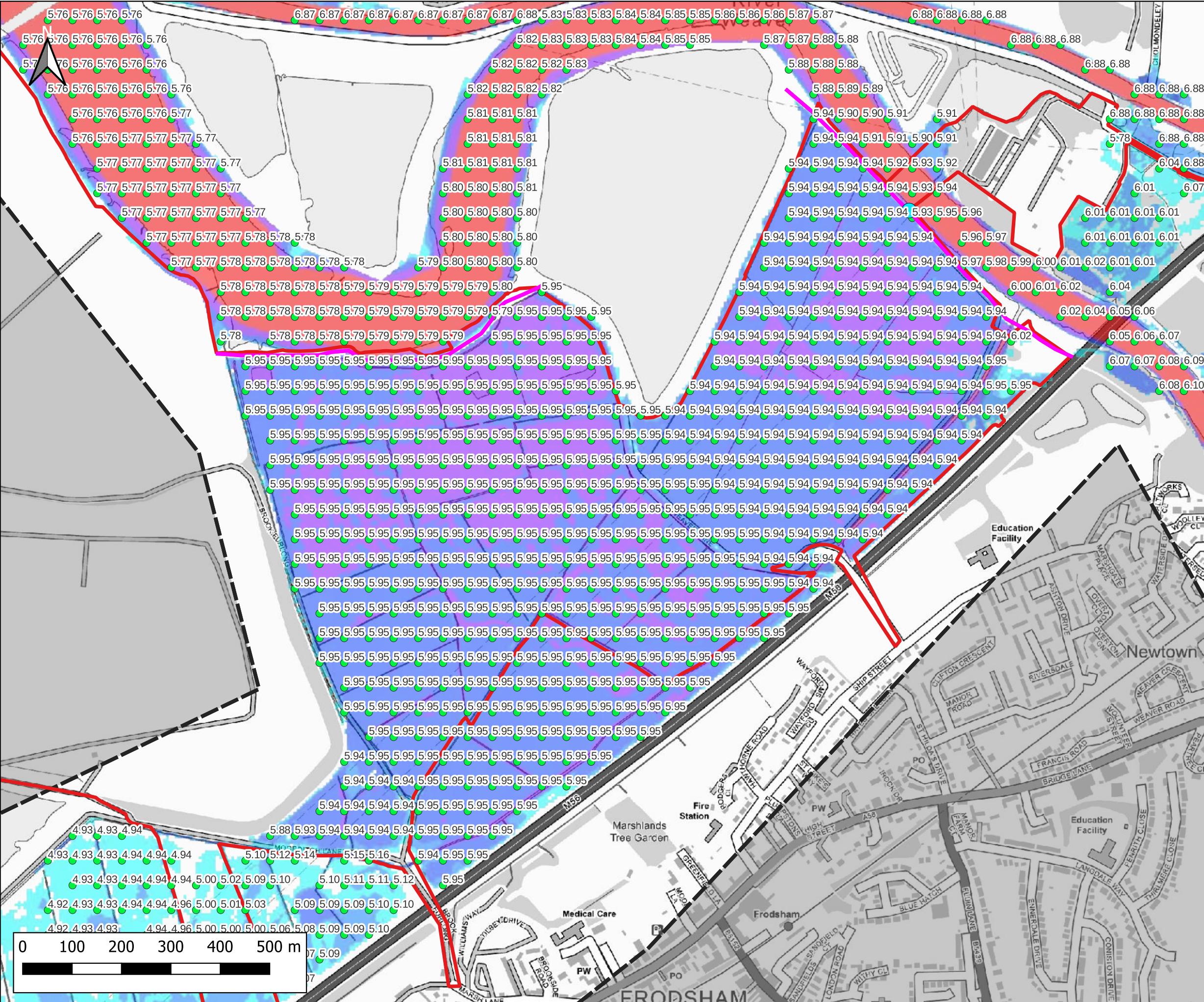
River Weaver Maximum Flood Water Level  
1% AEP +106% CC Fluvial Event  
MWHS +CC Tidal Event  
Breach 1 Proposed Development Scenario (DEV)

PLOT STATUS:			DATE:
FINAL			17-10-2025

DRAWN:	CHECKED:	APPROVED:	PLOT SCALE AT A3:
IH	LP	AW	1:7500

PLOT NAME:	REVISION:
14740_LW_BR1_DEV3_Q100CC106_M(LOW)_ME(MHWSCC)_052_h_Max	-





Notes:  
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

**LEGEND**

- Site Boundary
- 2D Model Extent
- River Weaver Flood Defences
- Breach 2 Location (BR2)
- Maximum Water Level (m AOD)

Maximum Flood Depth

- < 0.3m
- 0.3m - 0.6m
- 0.6m - 1.2m
- 1.2m - 2.4m
- > 2.4m

CLIENT:

Frodsham Solar Ltd

www.waterco.co.uk

SCHEME:

Frodsham Solar

PLOT TITLE:

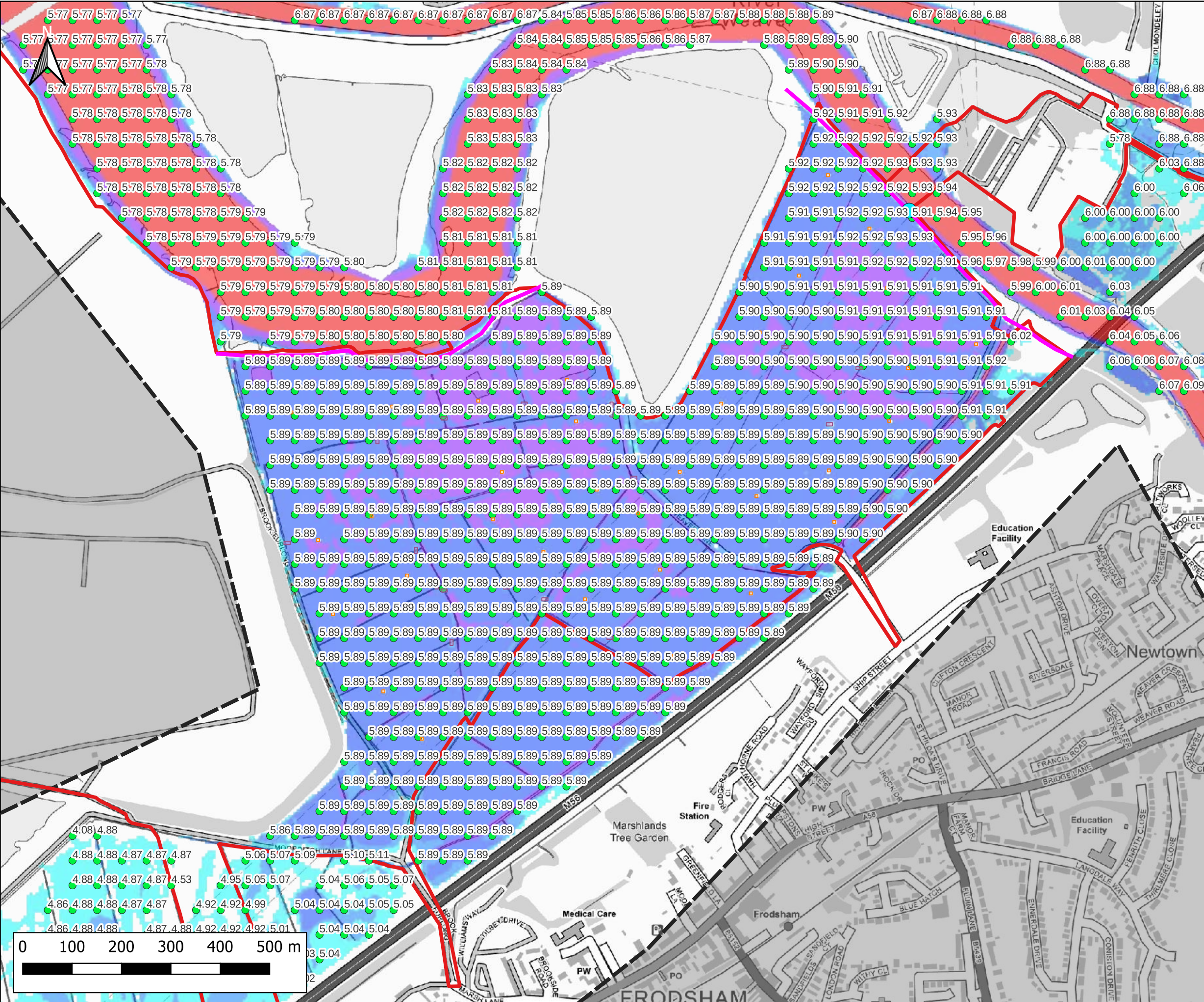
River Weaver Maximum Flood Water Level  
1% AEP +67% CC Fluvial Event  
MWHS +CC Tidal Event  
Breach 2 Existing Scenario (EXG)

PLOT STATUS:		DATE:	
FINAL		17-10-2025	

DRAWN:	CHECKED:	APPROVED:	PLOT SCALE AT A3:
IH	LP	AW	1:7500

PLOT NAME:	REVISION:
14740_LW_BR2_EXG_Q100CC67_M(LOW)_ME(MHWS)CC_052_h_Max	-





Notes:  
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

**LEGEND**

- Site Boundary
- 2D Model Extent
- River Weaver Flood Defences
- Proposed Volume Displacement
- Proposed Crossings
- Breach 2 Location (BR2)
- Maximum Water Level (m AOD)

Maximum Flood Depth

- < 0.3m
- 0.3m - 0.6m
- 0.6m - 1.2m
- 1.2m - 2.4m
- > 2.4m

CLIENT:

Frodsham Solar Ltd

www.waterco.co.uk

SCHEME:

Frodsham Solar

PLOT TITLE:

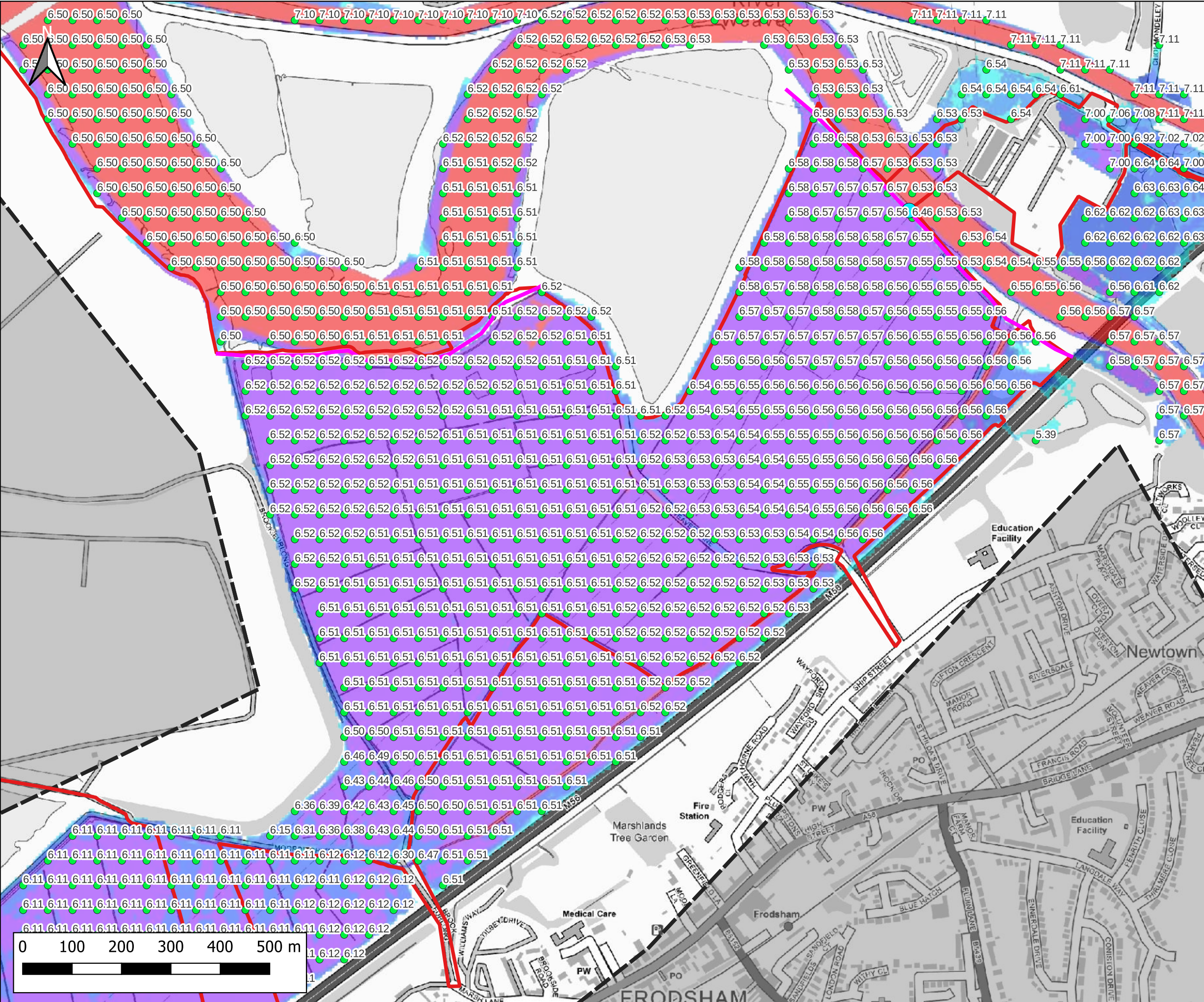
River Weaver Maximum Flood Water Level  
1% AEP +67% CC Fluvial Event  
MWHS +CC Tidal Event  
Breach 2 Proposed Development Scenario (DEV)

PLOT STATUS:			DATE:
FINAL			17-10-2025

DRAWN:	CHECKED:	APPROVED:	PLOT SCALE AT A3:
IH	LP	AW	1:7500

PLOT NAME:	REVISION:
14740_LW_BR2_DEV3_Q100CC67_M(L)W_ME(MHWS)CC_052_h_Max	-





Notes:  
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

**LEGEND**

- Site Boundary
- 2D Model Extent
- River Weaver Flood Defences
- Breach 2 Location (BR2)
- Maximum Water Level (m AOD)

Maximum Flood Depth

- < 0.3m
- 0.3m - 0.6m
- 0.6m - 1.2m
- 1.2m - 2.4m
- > 2.4m

CLIENT:

Frodsham Solar Ltd

www.waterco.co.uk

SCHEME:

Frodsham Solar

PLOT TITLE:

River Weaver Maximum Flood Water Level  
1% AEP +67% CC Fluvial Event  
0.5% AEP Tidal Event (2075)  
Breach 2 Existing Scenario (EXG)













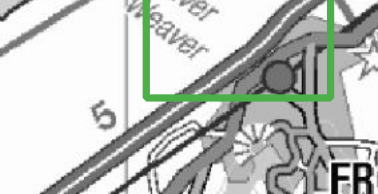

PLOT STATUS:			DATE:
FINAL			17-10-2025

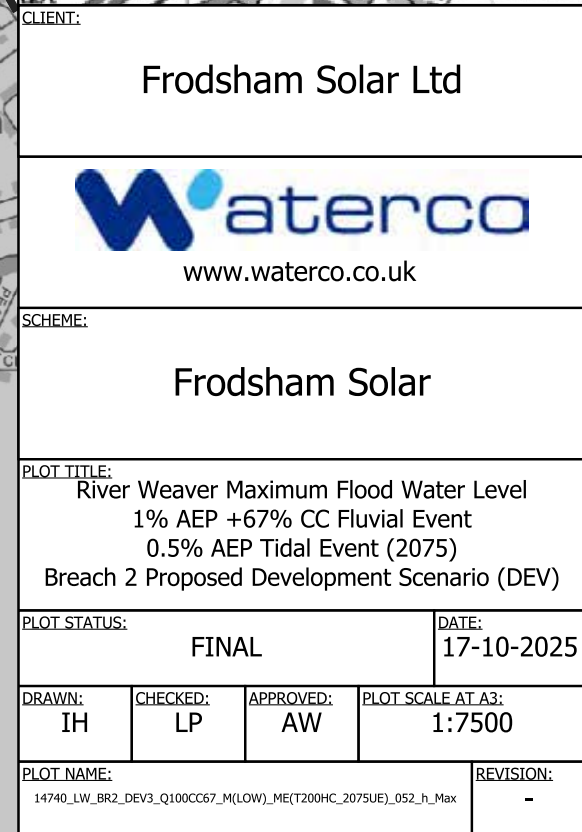
DRAWN:	CHECKED:	APPROVED:	PLOT SCALE AT A3:
IH	LP	AW	1:7500

PLOT NAME:	REVISION:
14740_LW_BR2_EXG_Q100CC67_M(LOW)_ME(T200HC_2075UE)_052_h_Max	-

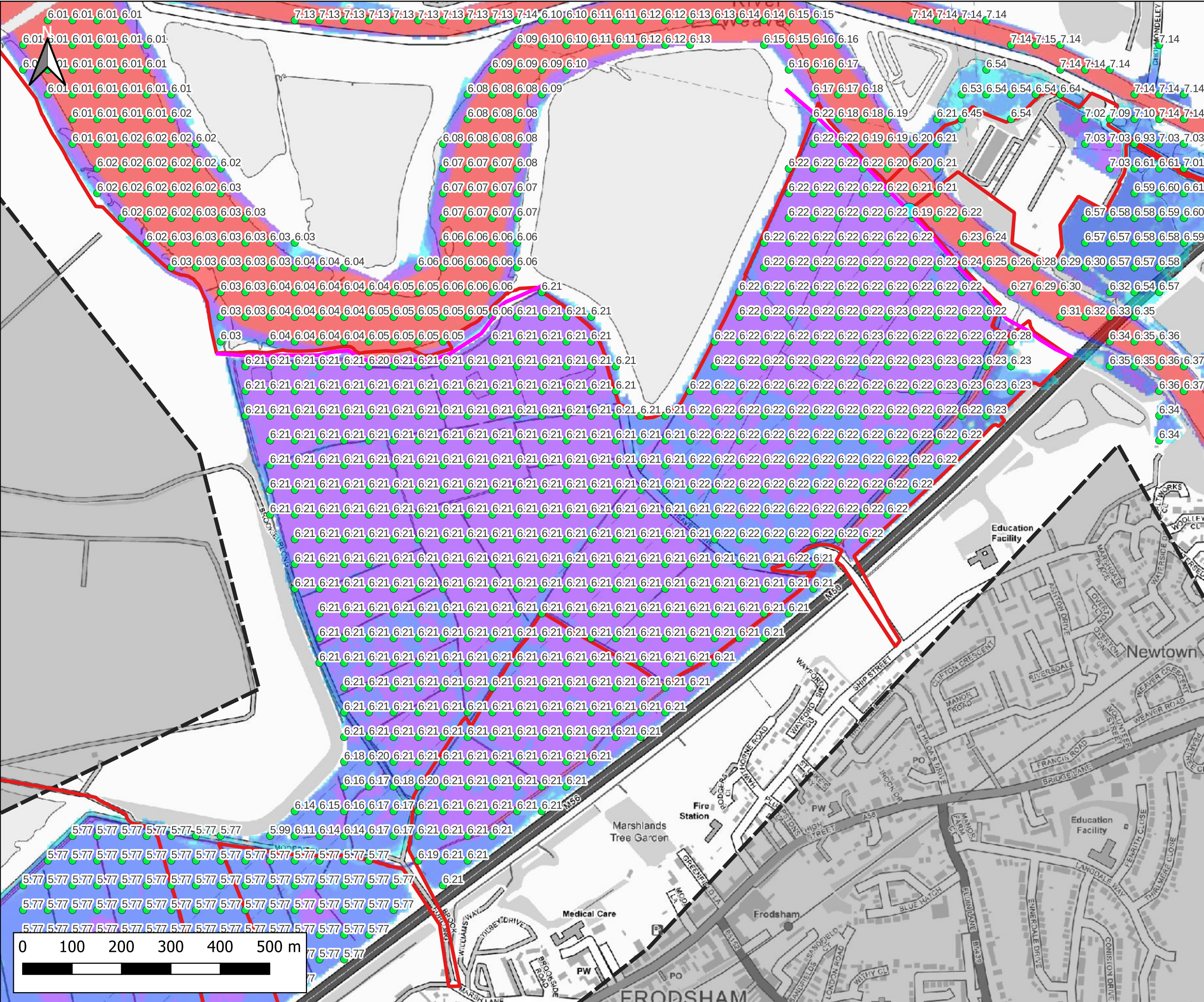




<b>LEGEND</b>  Site Boundary  2D Model Extent  River Weaver Flood Defences  Proposed Volume Displacement  Proposed Crossings  Breach 2 Location (BR2)  Maximum Water Level (m AOD)			
<b>Maximum Flood Depth</b>  <- 0.3m  0.3m - 0.6m  0.6m - 1.2m  1.2m - 2.4m  > 2.4m			
			
<b>CLIENT:</b> <div style="text-align: center; font-size: 24px; font-weight: bold;">Frodsham Solar Ltd</div>			
 <div style="text-align: center;">www.waterco.co.uk</div>			
<b>SCHEME:</b> <div style="text-align: center; font-size: 24px; font-weight: bold;">Frodsham Solar</div>			
<b>PLOT TITLE:</b> <div style="text-align: center;"> River Weaver Maximum Flood Water Level  1% AEP +67% CC Fluvial Event  0.5% AEP Tidal Event (2075)  Breach 2 Proposed Development Scenario ( ) </div>			
<b>PLOT STATUS:</b> <div style="text-align: center; font-size: 24px; font-weight: bold;">FINAL</div>			<b>DATE:</b> <div style="text-align: center; font-size: 24px; font-weight: bold;">17-10-2024</div>
<b>DRAWN:</b> <div style="text-align: center; font-weight: bold;">IH</div>	<b>CHECKED:</b> <div style="text-align: center; font-weight: bold;">LP</div>	<b>APPROVED:</b> <div style="text-align: center; font-weight: bold;">AW</div>	<b>PLOT SCALE AT A3:</b> <div style="text-align: center; font-weight: bold;">1:7500</div>
<b>PLOT NAME:</b> 14740_LW_BR2_DEV3_Q100CC67_M(LOW)_ME(T200HC_2075UE)_052_h_Max			<b>REV:</b> 







Notes:  
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

**LEGEND**

- Site Boundary
- 2D Model Extent
- River Weaver Flood Defences
- Breach 2 Location (BR2)
- Maximum Water Level (m AOD)

Maximum Flood Depth

- < 0.3m
- 0.3m - 0.6m
- 0.6m - 1.2m
- 1.2m - 2.4m
- > 2.4m

CLIENT:

Frodsham Solar Ltd

www.waterco.co.uk

SCHEME:

Frodsham Solar

PLOT TITLE:

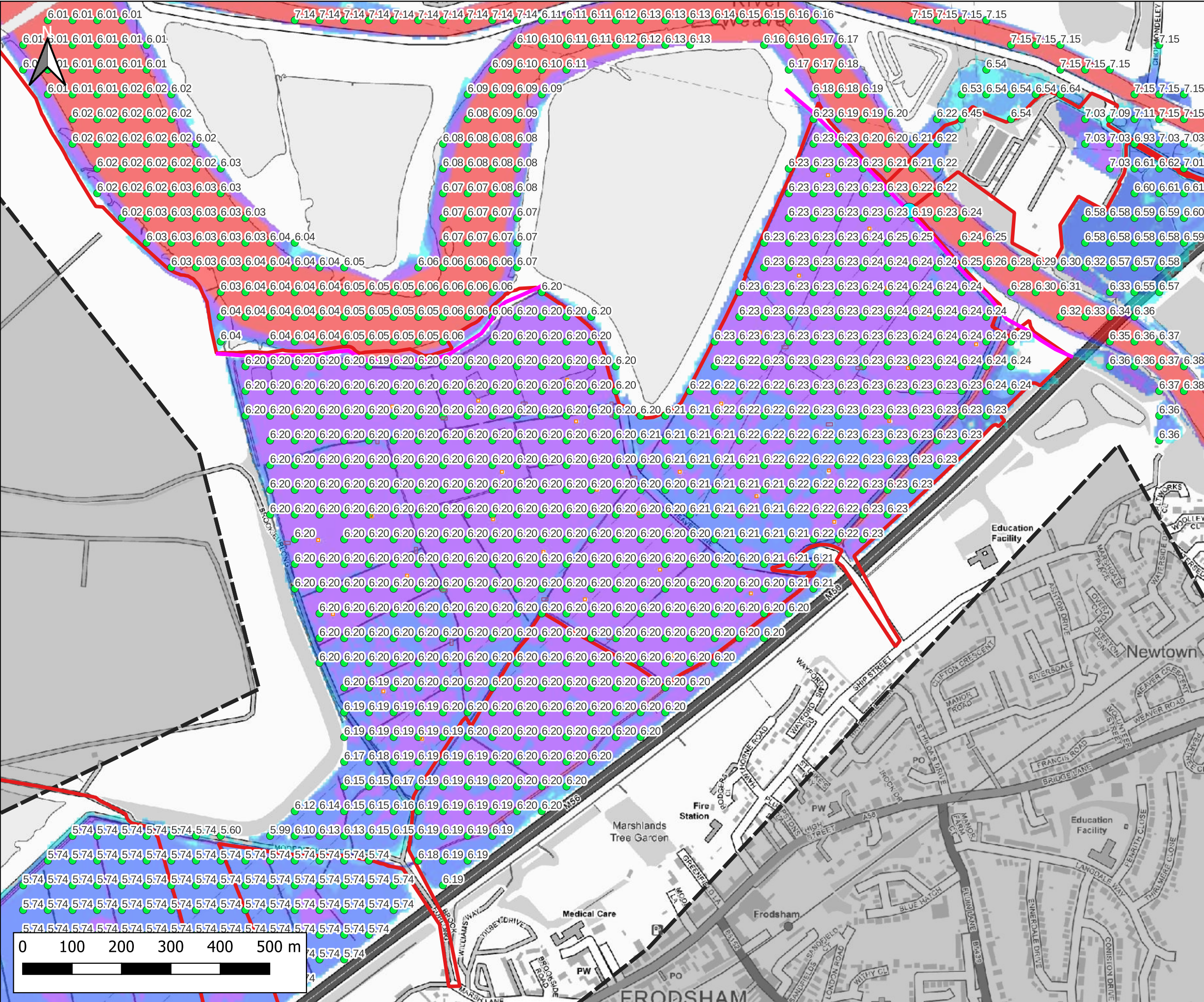
River Weaver Maximum Flood Water Level  
1% AEP +106% CC Fluvial Event  
MWHS +CC Tidal Event  
Breach 2 Existing Scenario (EXG)

PLOT STATUS:			DATE:
FINAL			17-10-2025

DRAWN:	CHECKED:	APPROVED:	PLOT SCALE AT A3:
IH	LP	AW	1:7500

PLOT NAME:	REVISION:
14740_LW_BR2_EXG_Q100CC106_L(LOW)_ME(MHWSGCC)_052_h_Max	-





Notes:  
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

**LEGEND**

- Site Boundary
- 2D Model Extent
- River Weaver Flood Defences
- Proposed Volume Displacement
- Proposed Crossings
- Breach 2 Location (BR2)
- Maximum Water Level (m AOD)

Maximum Flood Depth

- <- 0.3m
- 0.3m - 0.6m
- 0.6m - 1.2m
- 1.2m - 2.4m
- > 2.4m

CLIENT:

Frodsham Solar Ltd

www.waterco.co.uk

SCHEME:

Frodsham Solar

PLOT TITLE:

River Weaver Maximum Flood Water Level  
1% AEP +106% CC Fluvial Event  
MWHS +CC Tidal Event  
Breach 2 Proposed Development Scenario (DEV)

PLOT STATUS:			DATE:
FINAL			17-10-2025

DRAWN:	CHECKED:	APPROVED:	PLOT SCALE AT A3:
IH	LP	AW	1:7500

PLOT NAME:	REVISION:
14740_LW_BR2_DEV3_Q100CC106_M(LOW)_ME(MHWSCC)_052_h_Max	-