



Frodsham Solar

Environmental Statement: Volume 2

Appendix 9-1: Flood Risk Assessment and Drainage Strategy Part 2 of 5

May-July 2025



PINS Ref: EN010153

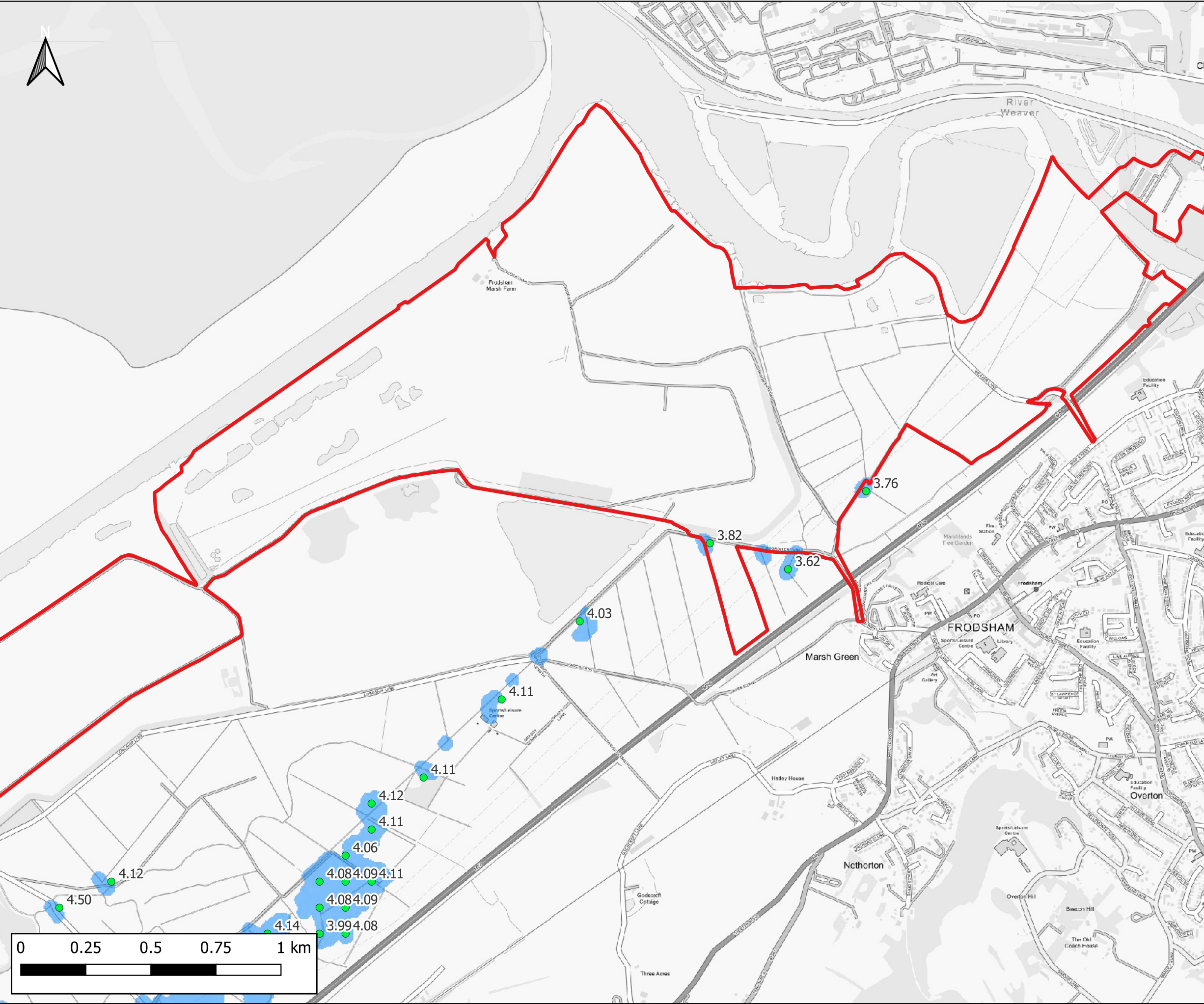
Document Ref: EN010153/DR/6.2

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

Revision P021

Appendix K Modelled Output Mapping

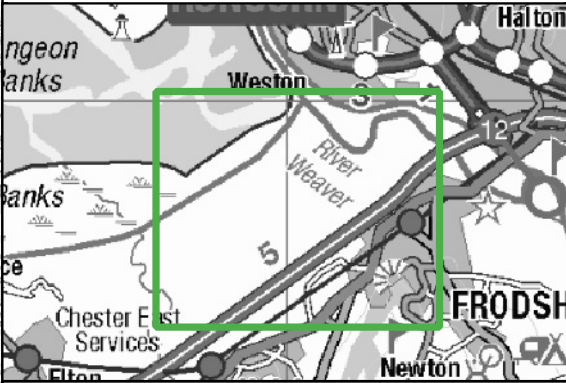
Ince and Frodsham




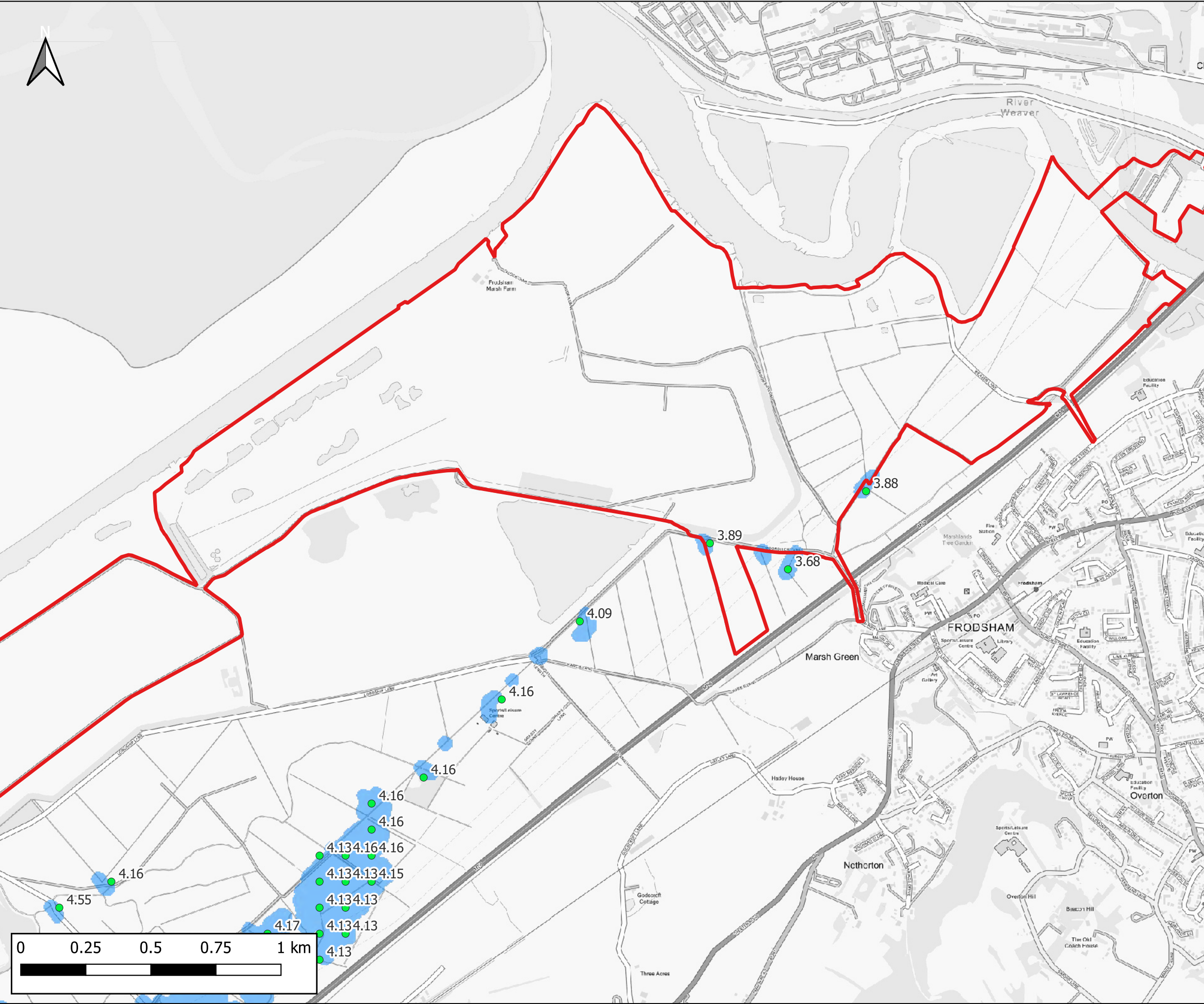
Notes:
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise.
2) Data taken from the 'Ince and Frodsham Fluvial' (2011) model.

LEGEND

- Maximum Water Level (m AOD)
- Flood Extent



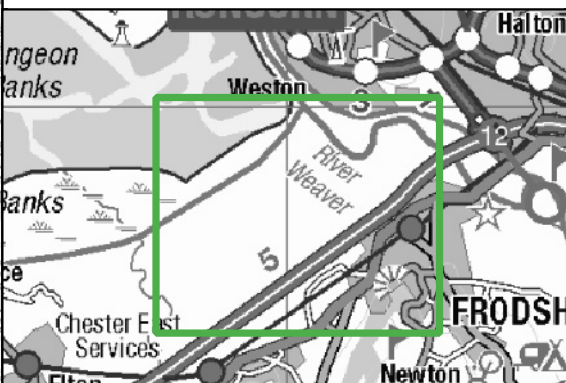
CLIENT: Frodsham Solar Ltd			
 www.waterco.co.uk			
SCHEME: Frodsham Solar			
PLOT TITLE: MAXIMUM WATER LEVEL INCE & FRODSHAM 50% AEP FLUVIAL EVENT DO MINIMUM EVENT			
PLOT STATUS: FINAL		DATE: 30-04-2025	
DRAWN: PB	CHECKED: AW	APPROVED: NJ	PLOT SCALE AT A3: 1:14300
PLOT NAME: 14740_IFMQ2DM_h_MAX			REVISION: -




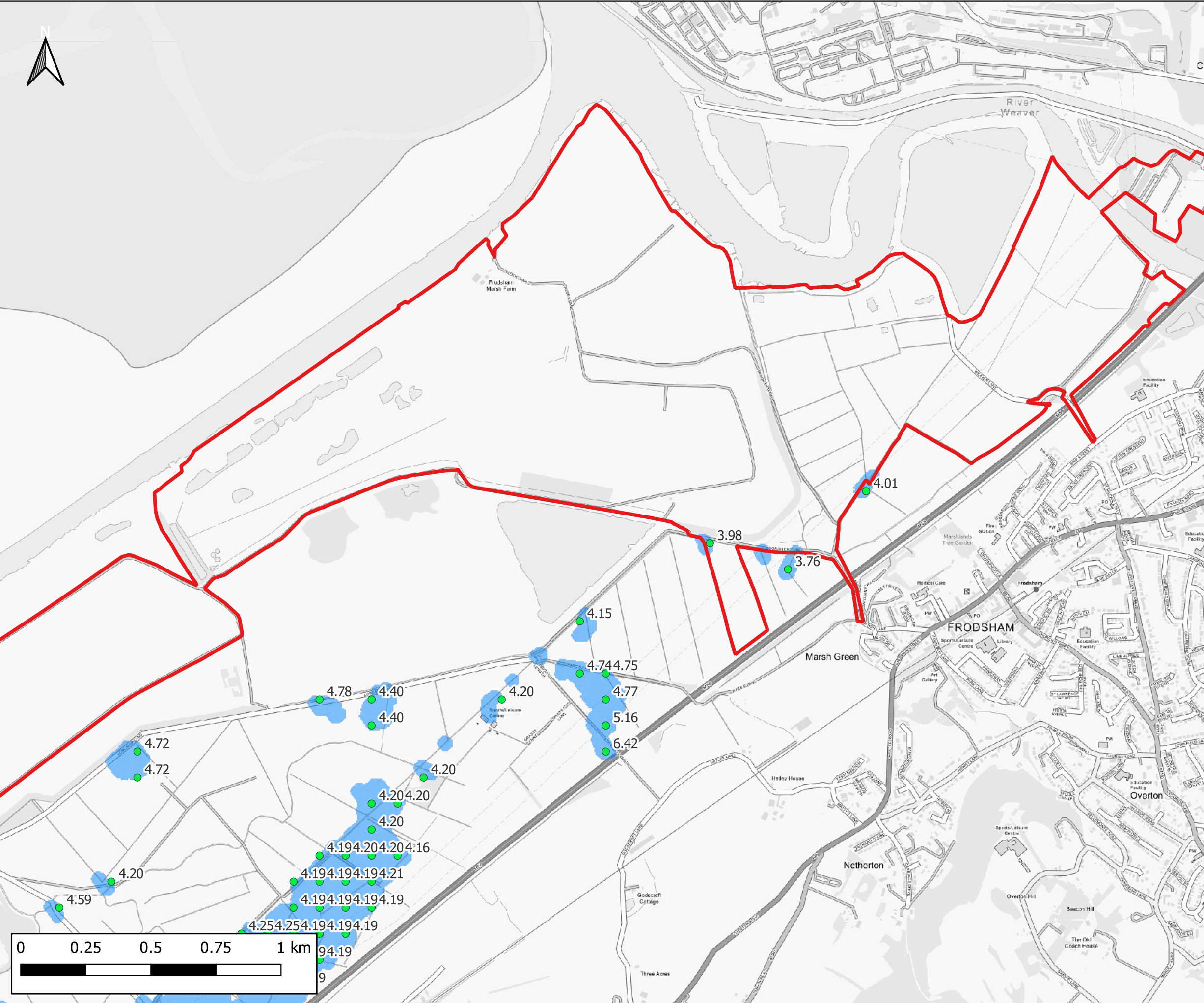
Notes:
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise.
2) Data taken from the 'Ince and Frodsham Fluvial' (2011) model.

LEGEND

- Maximum Water Level (m AOD)
- Flood Extent



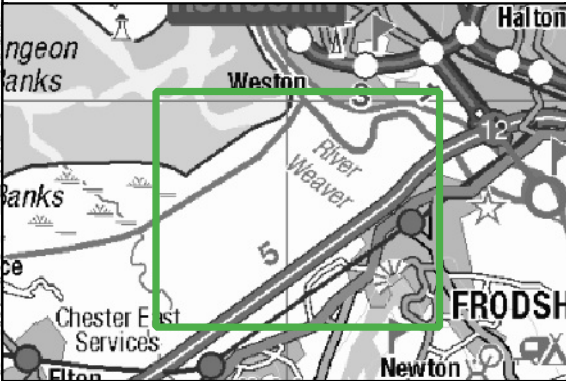
CLIENT:		Frodsham Solar Ltd	
<div>aterco</div> <div>www.waterco.co.uk</div>			
SCHEME:		Frodsham Solar	
PLOT TITLE: MAXIMUM WATER LEVEL INCE & FRODSHAM 20% AEP FLUVIAL EVENT DO MINIMUM EVENT			
PLOT STATUS:		FINAL	DATE: 30-04-2025
DRAWN: PB	CHECKED: AW	APPROVED: NJ	PLOT SCALE AT A3: 1:14300
PLOT NAME: 14740_IFMQ5DM_h_MAX			REVISION: -




Notes:
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise.
2) Data taken from the 'Ince and Frodsham Fluvial' (2011) model.

LEGEND

- Maximum Water Level (m AOD)
- Flood Extent



CLIENT:				Frodsham Solar Ltd	
				www.waterco.co.uk	
SCHEME:				Frodsham Solar	
PLOT TITLE:				MAXIMUM WATER LEVEL INCE & FRODSHAM 4% AEP FLUVIAL EVENT DO MINIMUM EVENT	
PLOT STATUS:		FINAL		DATE: 30-04-2025	
DRAWN:	CHECKED:	APPROVED:	PLOT SCALE AT A3:		
PB	AW	NJ	1:14300		
PLOT NAME:				REVISION:	
14740_IFMQ25DM_h_MAX				-	

Manchester Ship Canal

Map Reference	Model Node Reference	Easting	Northing	Data	Normal Operation										Latchford 1 Gate		Latchford 3 Gates Closed	
					20 % AEP (1 in 5 year)	10 % AEP (1 in 10 year)	4 % AEP (1 in 25 year)	2 % AEP (1 in 50 year)	1.33 % AEP (1 in 75 year)	1 % AEP (1 in 100 year)	1 % AEP (1 in 100 year) + 30% increase in flow	1 % AEP (1 in 100 year) + 35% increase in flow	1 % AEP (1 in 100 year) + 70% increase in flow	0.5 % AEP (1 in 200 year)	0.1 % AEP (1 in 1000 year)	1 % AEP (1 in 100 year)	1 % AEP (1 in 100 year)	0.1 % AEP (1 in 1000 year)
1	ea013_0251_EAS_14123	348933	378712	Modelled Water Level (m aodN)	5.53	5.59	5.75	5.83	5.85	5.88	6.07	6.04	6.02	5.96	6.02	5.88	5.63	6.05
				Modelled Flow (cumecs)	248.31	256.08	328.55	321.54	329.40	338.29	362.01	368.72	353.17	338.14	335.84	335.95	278.49	347.34
2	ea013_0251_EAS_15648d	350026	379725	Modelled Water Level (m aodN)	5.52	5.58	5.74	5.82	5.84	5.87	6.06	6.04	6.02	5.95	6.01	5.87	5.62	6.04
				Modelled Flow (cumecs)	263.51	269.64	366.78	367.18	369.99	373.98	407.06	411.89	391.12	380.56	368.55	373.49	301.31	388.63
3	ea013_0251_EAS_13087	348076	378116	Modelled Water Level (m aodN)	5.53	5.60	5.75	5.83	5.85	5.88	6.07	6.04	6.03	5.96	6.03	5.88	5.63	6.05
				Modelled Flow (cumecs)	237.76	238.51	298.92	294.36	305.02	308.74	331.34	342.12	327.25	308.70	309.30	311.89	261.69	317.77
4	ea013_0251_WEAN01_0438u	350491	379582	Modelled Water Level (m aodN)	5.52	5.59	5.74	5.83	5.84	5.88	6.07	6.04	6.03	5.95	6.03	5.88	5.63	6.05
				Modelled Flow (cumecs)	262.03	277.88	290.72	297.55	304.16	308.65	341.36	346.25	345.06	317.13	371.23	308.50	308.26	393.37
5	ea013_0251_EAS_16247	349758	380543	Modelled Water Level (m aodN)	5.52	5.58	5.74	5.83	5.84	5.88	6.08	6.05	6.05	5.96	6.05	5.88	5.62	6.05
				Modelled Flow (cumecs)	581.69	623.85	632.35	656.08	671.08	683.70	710.76	704.05	705.12	702.72	704.88	608.08	454.13	579.37
6	ea013_0251_EAS_15035	349666	378238	Modelled Water Level (m aodN)	5.52	5.59	5.74	5.82	5.84	5.87	6.06	6.03	6.01	5.95	6.02	5.87	5.62	6.04
				Modelled Flow (cumecs)	257.30	262.61	351.88	350.08	359.80	369.06	394.40	388.06	376.91	362.00	355.63	357.09	291.98	370.44
7	ea013_0251_EAS_15648u	350161	380006	Modelled Water Level (m aodN)	5.52	5.58	5.74	5.82	5.84	5.87	6.06	6.04	6.02	5.95	6.01	5.87	5.62	6.04
				Modelled Flow (cumecs)	270.63	324.52	364.64	373.43	407.96	436.14	458.73	453.58	426.41	449.49	422.05	373.75	229.82	301.92

Model data taken from Manchester Ship Canal 2018

AEP - Annual Exceedence Probability

m aodN - metres above ordnance datum Newlyn

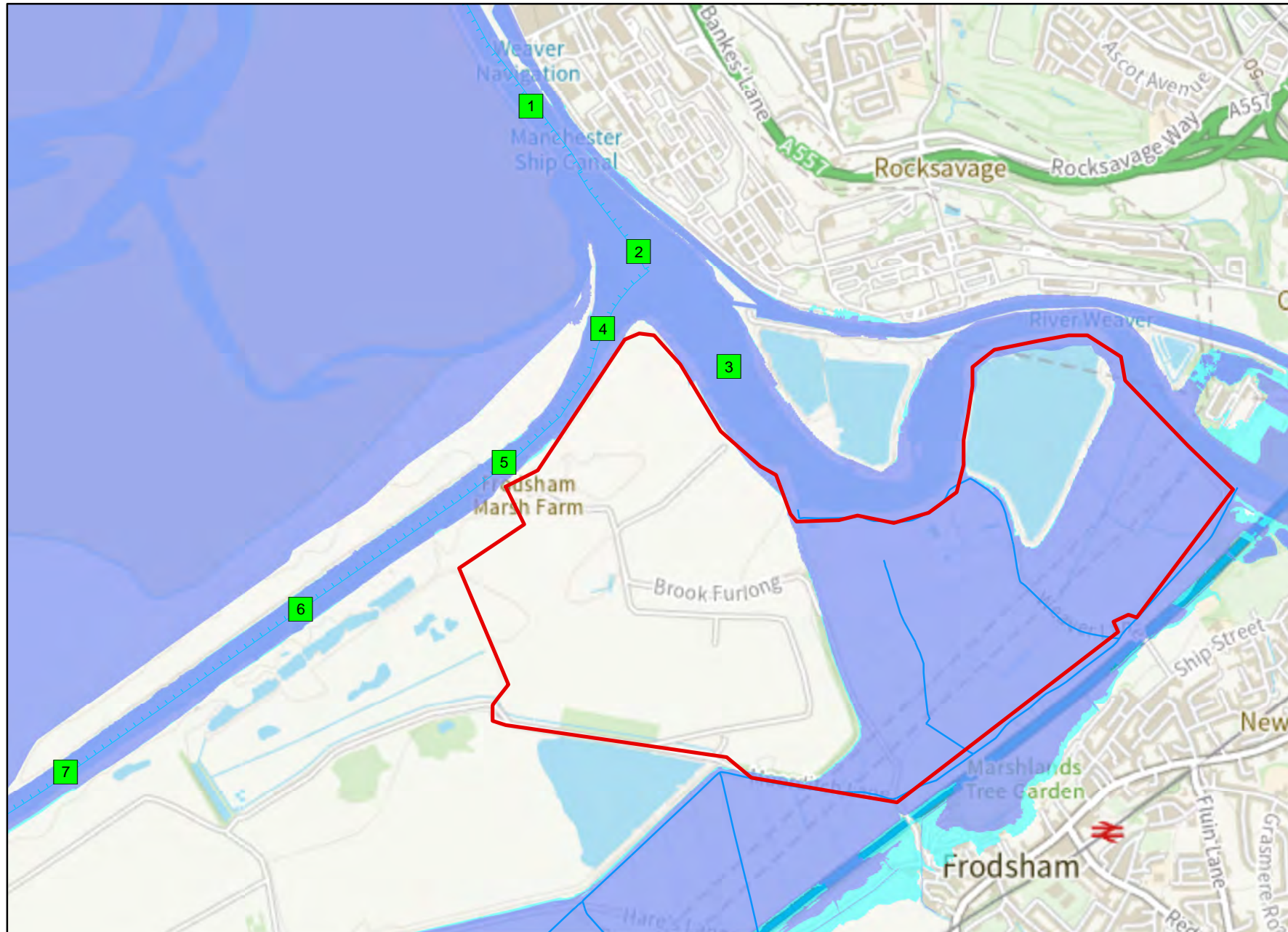
cumecs - cubic metres per second

Notes: *Climate Change Scenario - 30%, 35% and 70% increases in flow calculated for the 2080's (2070 - 2115). Please see <https://www.gov.uk/guidance/flood-risk-assessments-climate-change-allowances> for more information regarding the new climate change guidance. The location of the site and the type (vulnerability) of development determine the climate change allowances to consider in any flood risk assessment.

For the Manchester Ship Canal Model, we provide the following three scenarios:

1. Normal Operation: All sluice gates operate automatically to maintain a navigable ponded water level upstream of each set of sluice gates. During times of high flow the gates are opened automatically to allow excess water pass downstream. During extreme conditions the sluice gates can be manually overridden to extend the opening heights.
2. Latchford 1 Gate Closed Scenario: This scenario represents a single operational sluice gate at Latchford Locks fixed closed. Therefore, only operational movements from 2 active sluice gates.The model setup removes the gate from PID controller setup and an IED file is used to define the sluice gate as fixed in the closed position.
3. Latchford 3 Gates Closed Scenario: This scenario has been defined as the removal of operational rules at all three sluice gates at Latchford Locks, thus, all gates are fixed in the closed position resulting in no regulation of upstream water levels. The model setup removes each of the gates from PID controller setup and an IED file is used to define sluice gates fixed in the closed position.

Detailed Flood Map Centred on Land adjacent to M56, Frodsham, WA6 7BQ. Created 29/09/2023 [GMMC328147JM]



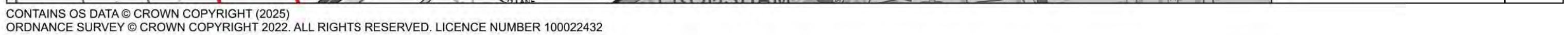
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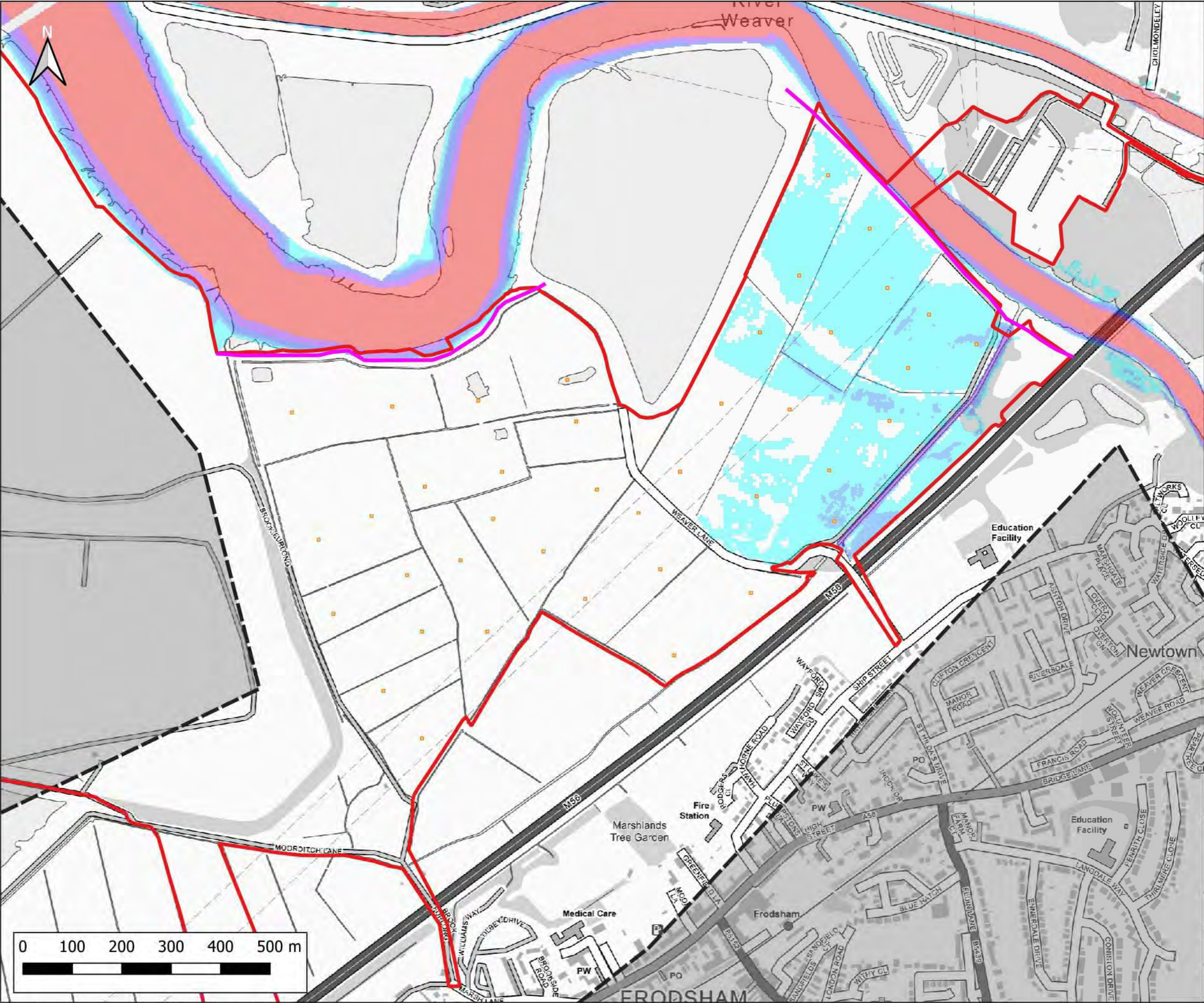


Legend

- Site Location
- Model Measurements
- Main River
- Manchester Ship Canal
- Flood Zone 3
- Flood Zone 2

River Weaver





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

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

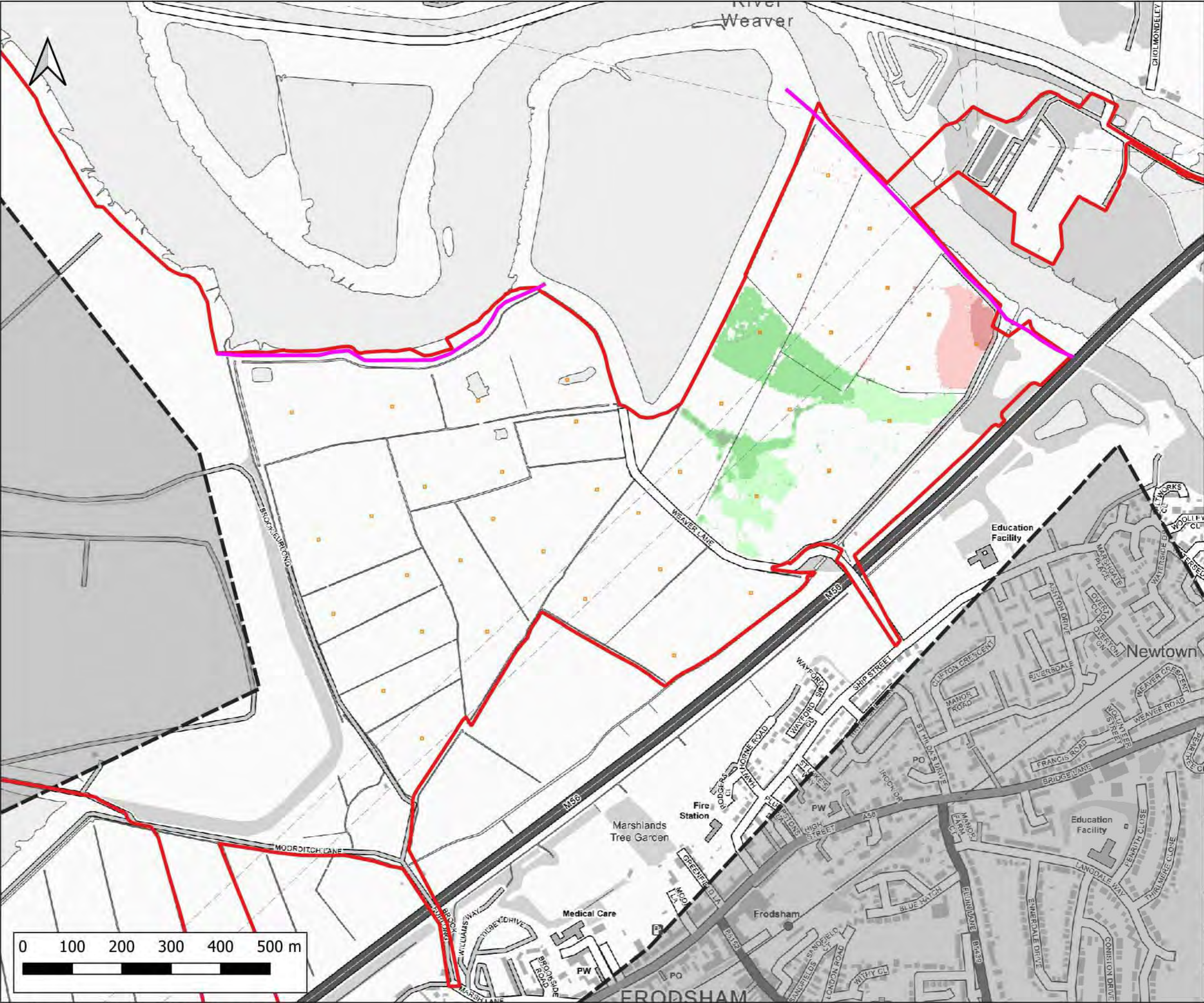
SCHEME:

Frodsham Solar

PLOT TITLE:

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

PLOT STATUS:	FINAL	DATE:	30-04-2025
DRAWN:	MH	CHECKED:	AP
APPROVED:	LS	PLOT SCALE AT A3:	1:7500
PLOT NAME:			REVISION:
14740_LW_DEF_DEV2_Q100_M(LW)_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

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

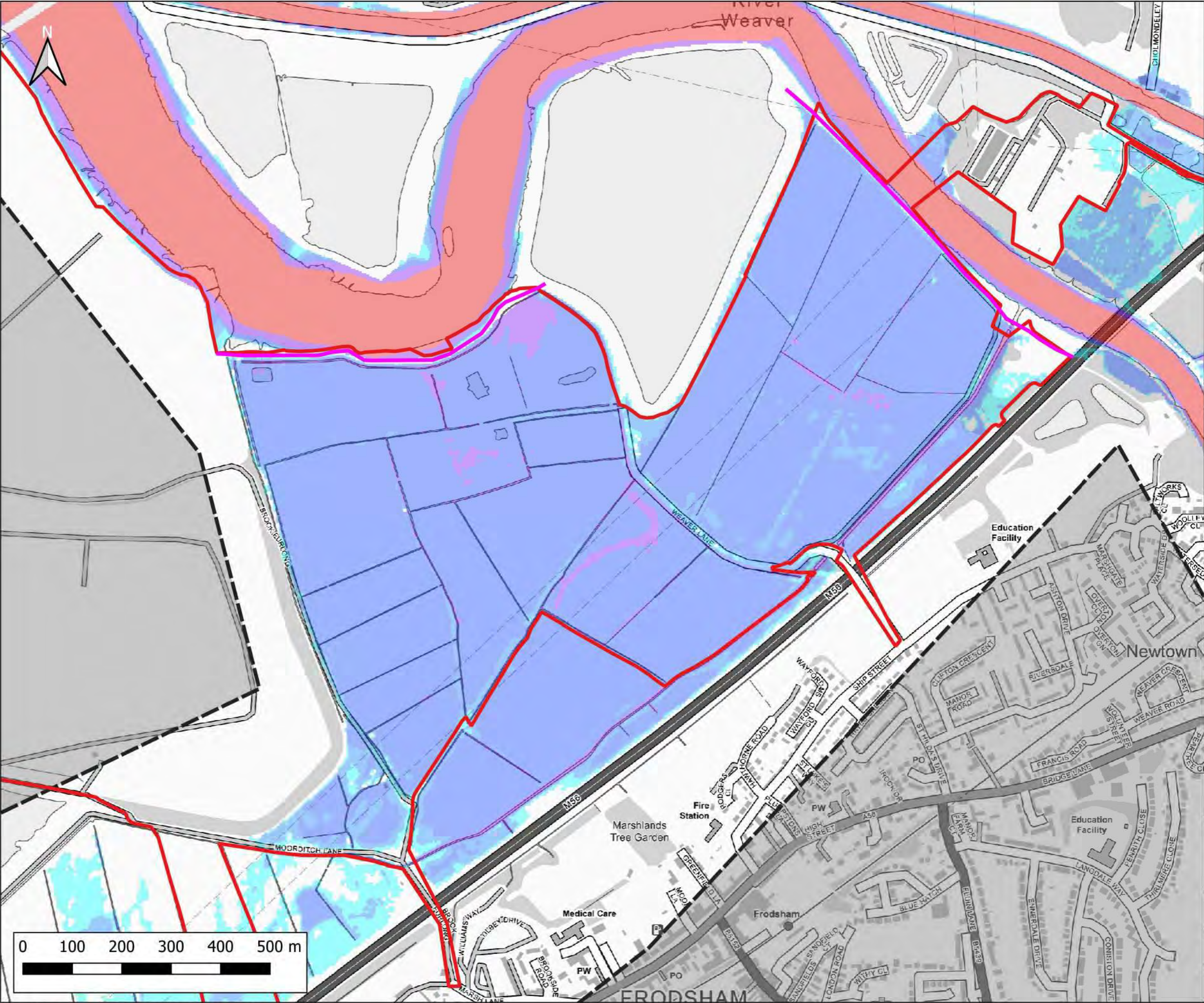
PLOT TITLE:

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

PLOT STATUS:		FINAL		DATE:	30-04-2025
DRAWN:	MH	CHECKED:	AP	APPROVED:	LS
PLOT NAME:				PLOT SCALE AT A3: 1:7500	

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 Depth

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

Weston
3
12
River Weaver
East
FRODSHAM

CLIENT:

Frodsham Solar Ltd

waterco
www.waterco.co.uk

SCHEME:

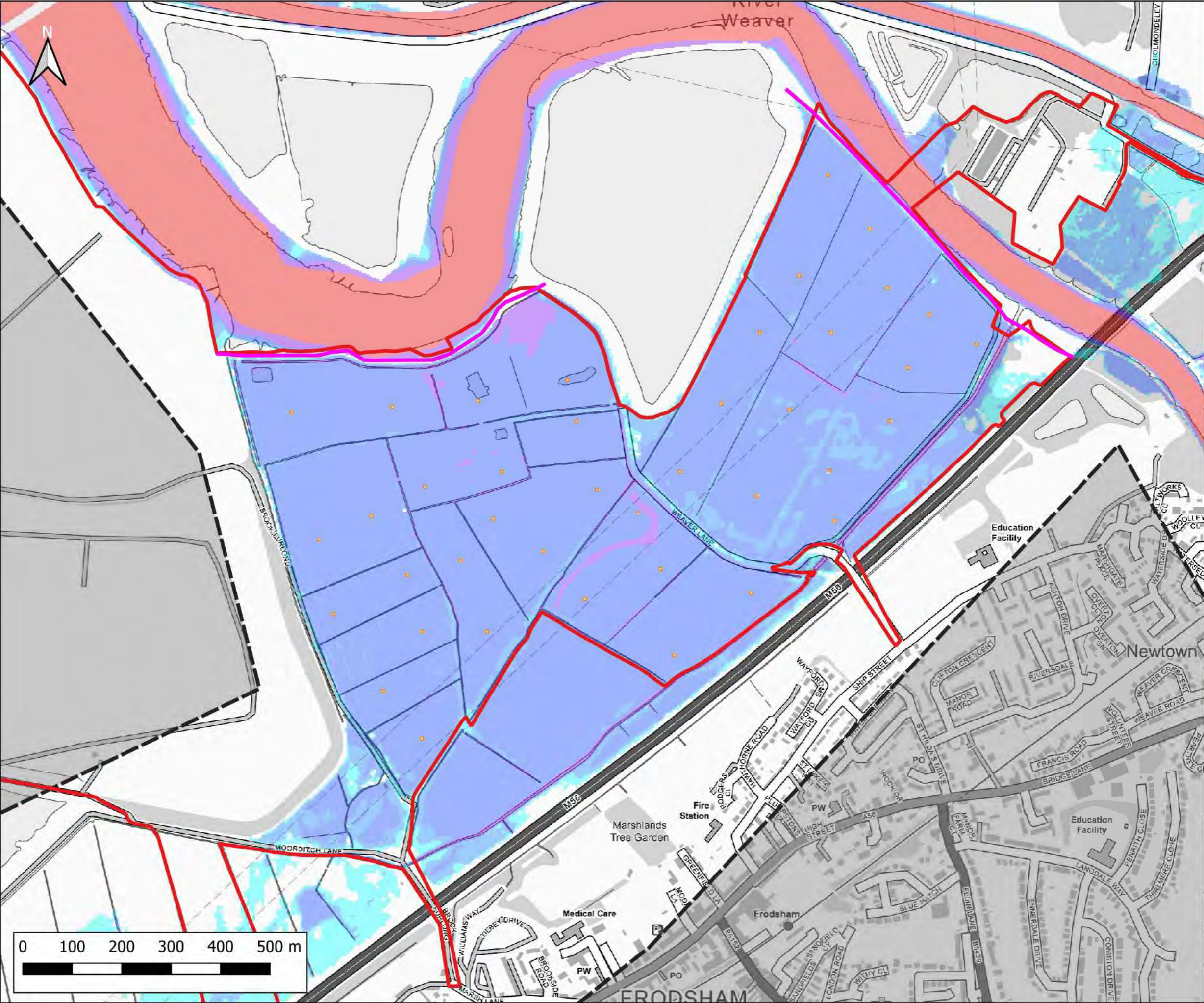
Frodsham Solar

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

PLOT STATUS: FINAL DATE: 30-04-2025

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

PLOT NAME: 14740_LW_DEF_EXG_Q100CC67_M(LW)_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

Maximum Flood Depth

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Weston
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River Weaver
East
FRODSHAM

CLIENT:

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SCHEME:

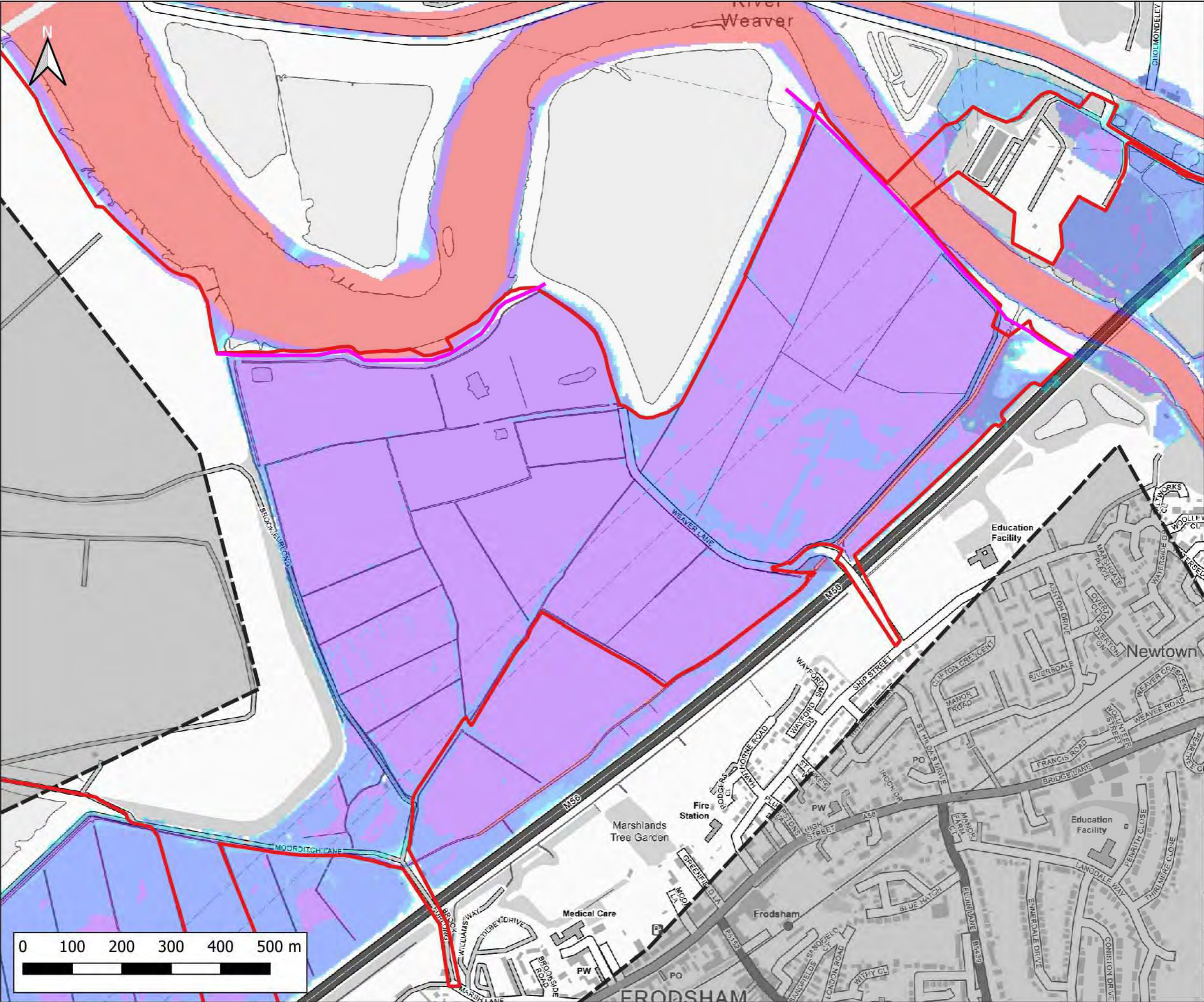
Frodsham Solar

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

PLOT STATUS: FINAL DATE: 30-04-2025

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

PLOT NAME: 14740_LW_DEF_DEV2_Q100CC67_M(L)W_M(MHWS)CC_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

Maximum Flood Depth

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CLIENT:

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SCHEME:

Frodsham Solar

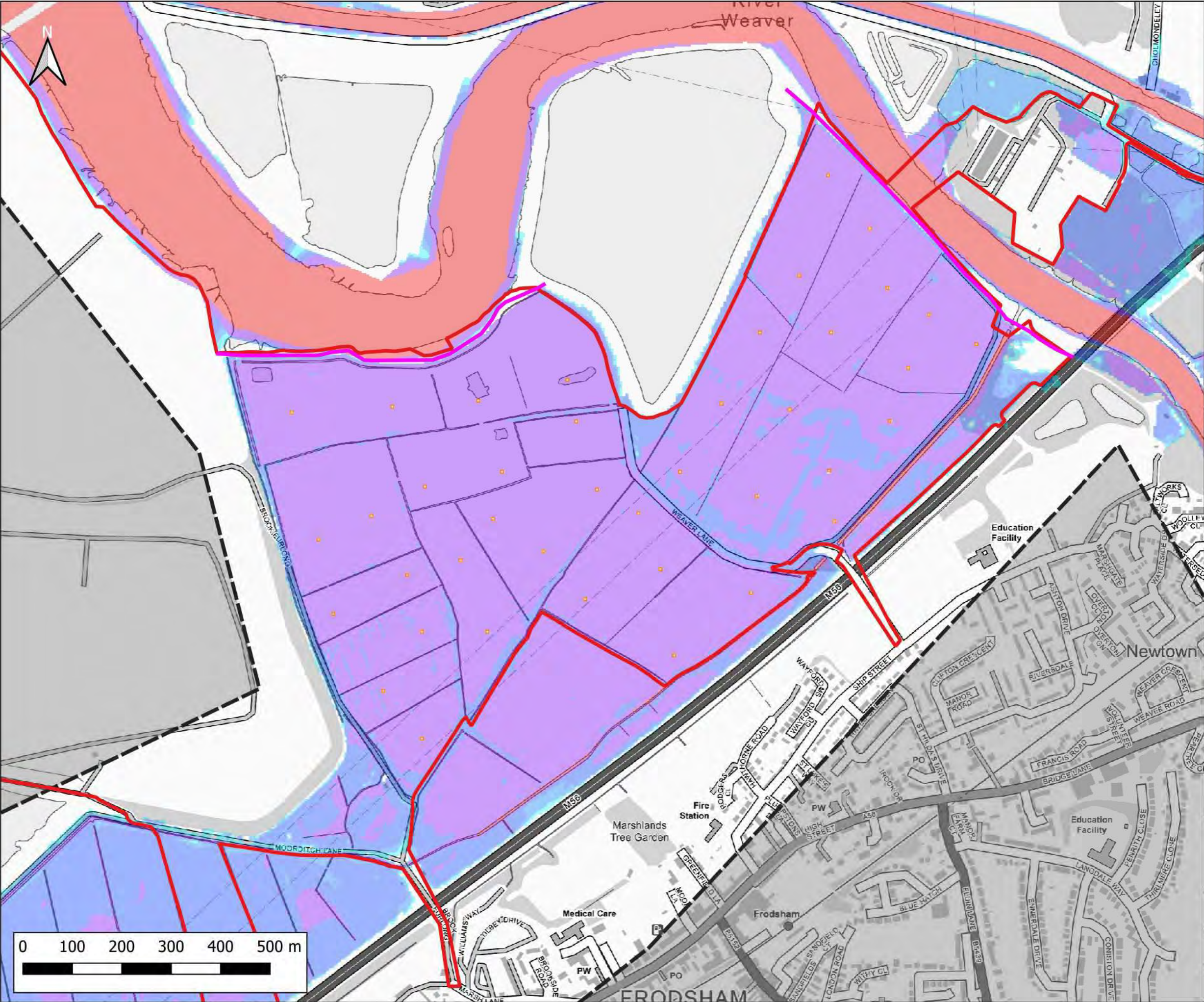
PLOT TITLE:

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

PLOT STATUS:			DATE:
FINAL			30-04-2025

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

PLOT NAME:	REVISION:
14740_LW_DEF_EXG_Q100CC67_M(LOW)_HE(T200HC_2075UE)_052_d_Max	-



Notes:
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LEGEND

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

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Weston
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River Weaver
East
FRODSHAM

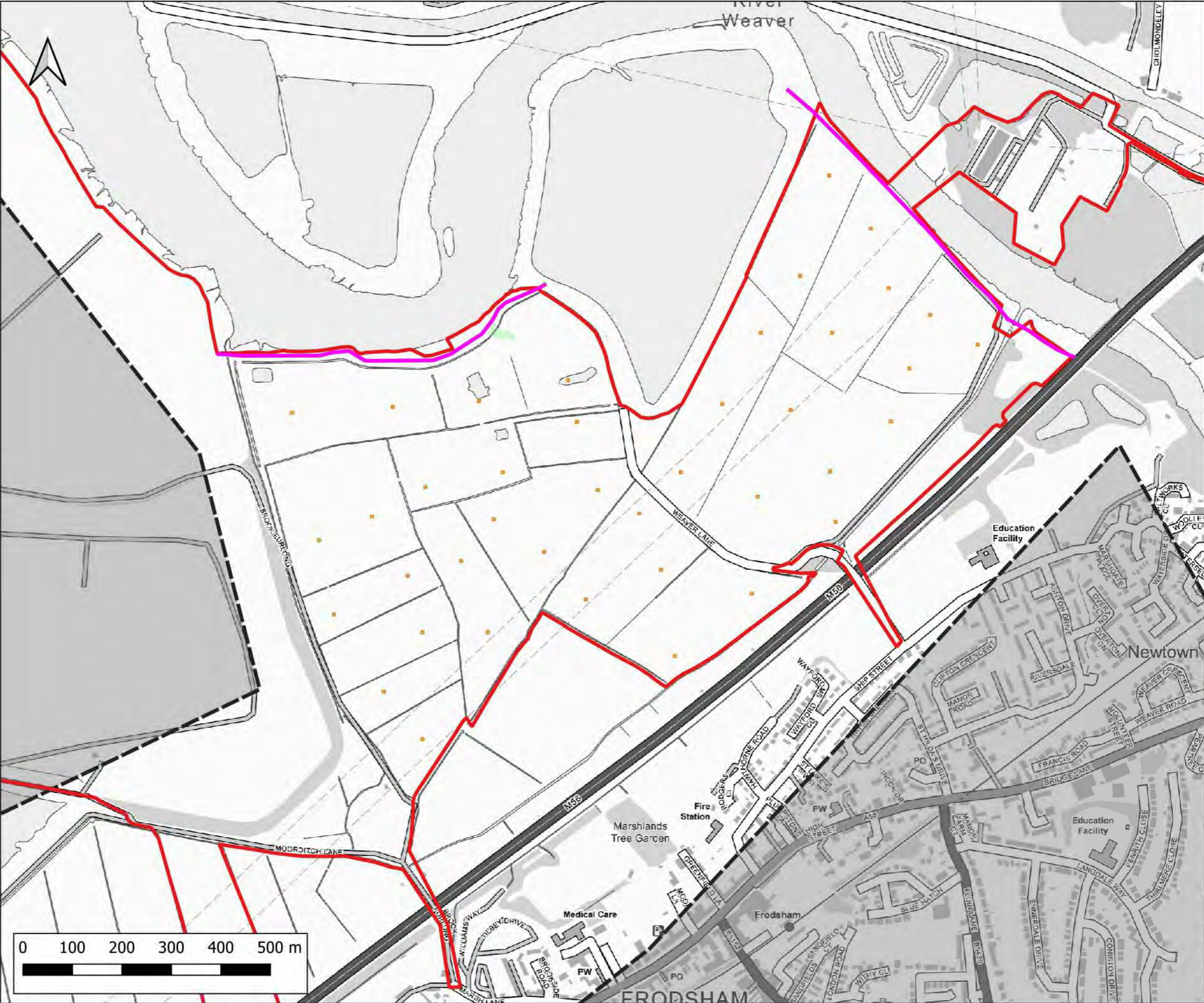
CLIENT:
Frodsham Solar Ltd

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)
Defended Proposed Development Scenario (DEV)

PLOT STATUS: FINAL			DATE: 30-04-2025
DRAWN: MH	CHECKED: AP	APPROVED: LS	PLOT SCALE AT A3: 1:7500
PLOT NAME: 14740_LW_DEF_DEV2_Q100CC67_M(LOW)_FE(T200HC_2075UE)_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

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

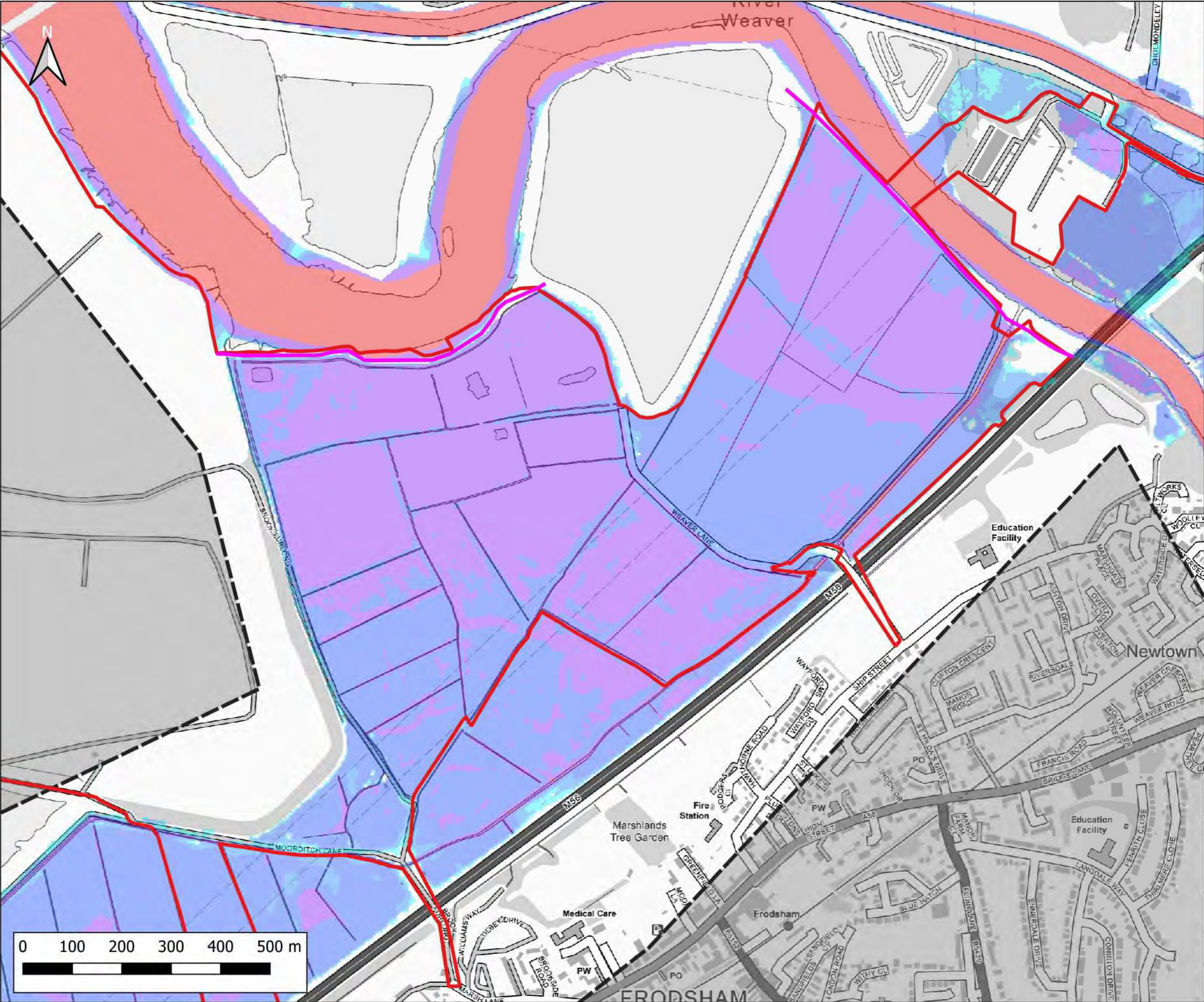
PLOT TITLE:

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

PLOT STATUS:		DATE:	
FINAL		30-04-2025	

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

PLOT NAME:	REVISION:
14740_LW_DEF_DEV2-EXG_Q100CC67_M(LW)_ME(T200HC_2075UE)_052_d_Diff	-



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

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CLIENT:

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waterco
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SCHEME:

Frodsham Solar

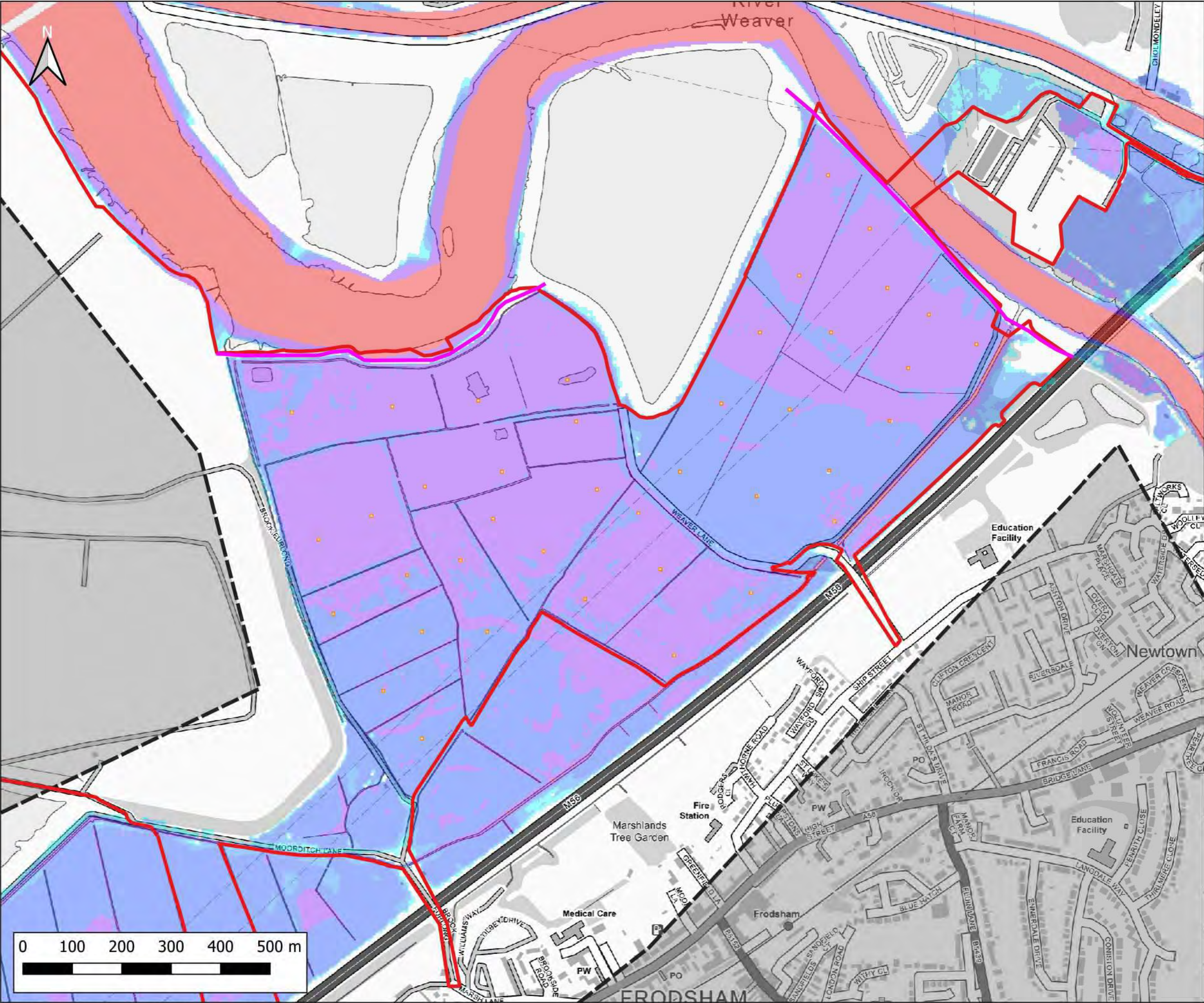
PLOT TITLE:

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

PLOT STATUS:			DATE:
FINAL			30-04-2025

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

PLOT NAME:	REVISION:
14740_LW_DEF_EXG_Q100CC106_M(L)W_M(MHWS)CC_052_d_Max	-



Notes:
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LEGEND

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- River Weaver Flood Defences
- Proposed Volume Displacement

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Weston
3
12
River Weaver
East
FRODSHAM

CLIENT:
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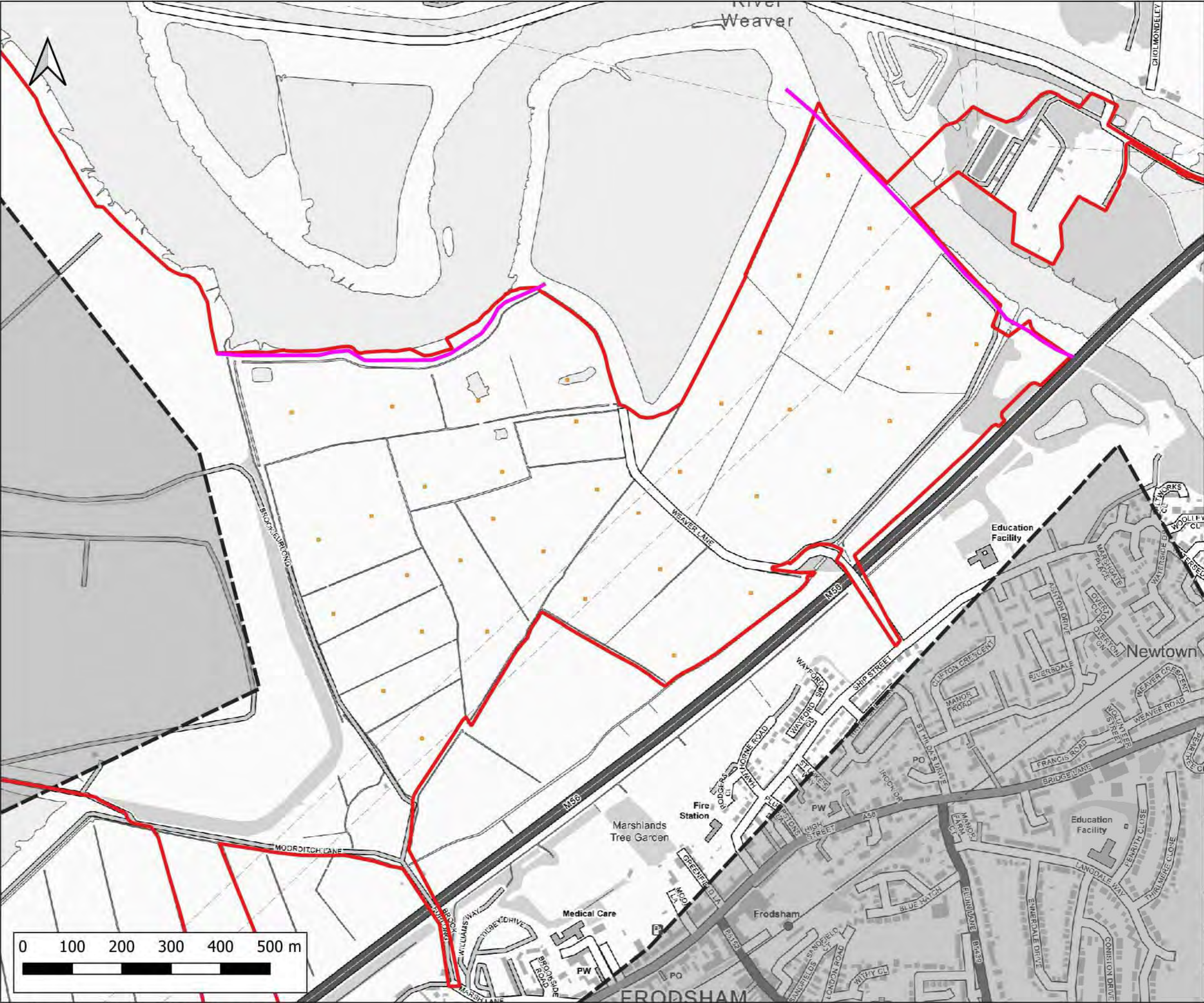
SCHEME:
Frodsham Solar

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

PLOT STATUS: FINAL
DATE: 30-04-2025

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

PLOT NAME:
14740_LW_DEF_DEV2_Q100CC106_M(L)W)_ME(MHWSCC)_052_d_Max
REVISION: -



Notes:
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LEGEND

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- No Change (+/- 20mm)
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CLIENT:

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SCHEME:

Frodsham Solar

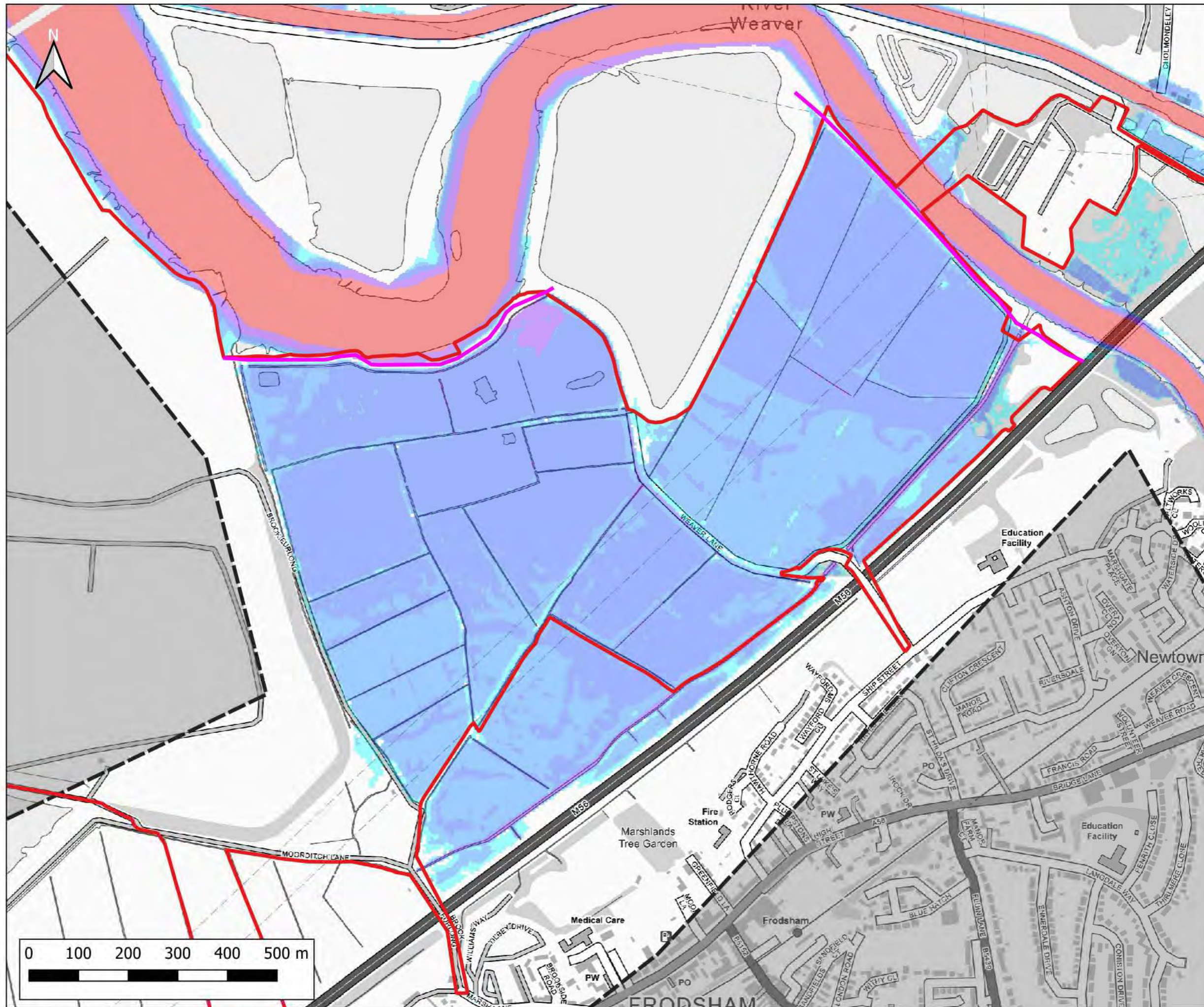
PLOT TITLE:

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

PLOT STATUS:		DATE:	
FINAL		30-04-2025	

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

PLOT NAME:	REVISION:
14740_LW_DEF_DEV2-EXG_Q100CC106_M(LW)_ME(MHWSCC)_052_d_Diff	-



Notes:
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- River Weaver Flood Defences

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CLIENT:

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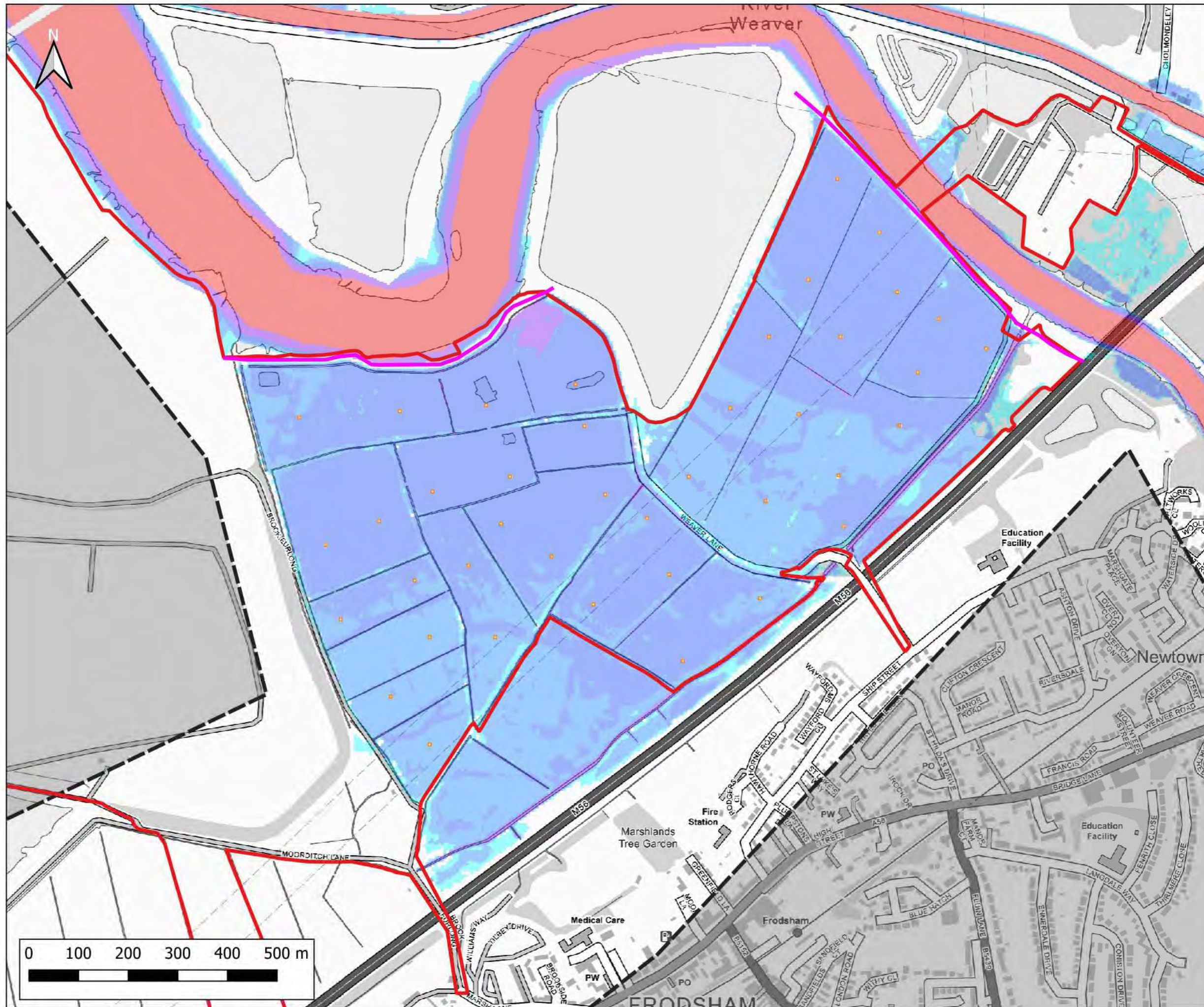
SCHEME:

Frodsham Solar

PLOT TITLE:

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

PLOT STATUS:		FINAL		DATE:	30-04-2025
DRAWN:	CHANGED:	APPROVED:	PLOT SCALE AT A3:		
MH	AP	LS	1:7500		
PLOT NAME:					REVISION:
14740_LW_DEF_EXG_Q1000_M(LWV)_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
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- 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

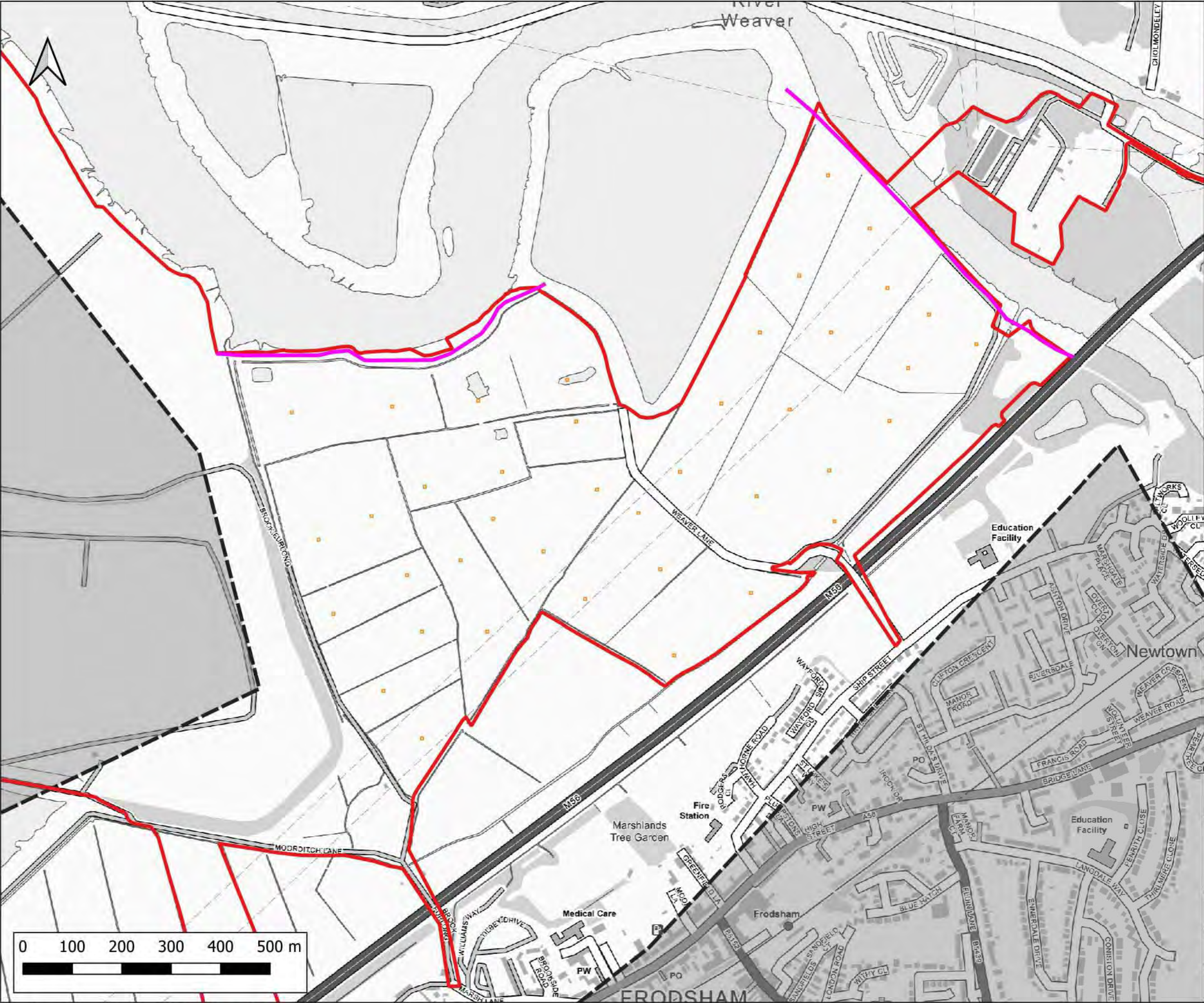
SCHEME:
Frodsham Solar

PLOT TITLE:
River Weaver Maximum Flood Depth
0.1% AEP Fluvial Event
MWS Tidal Event
Defended Proposed Development Scenario (DEV)

PLOT STATUS: FINAL DATE: 30-04-2025

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

PLOT NAME: 14740_LW_DEF_DEV2_Q1000_M(L)W_M(MHWS)_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

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

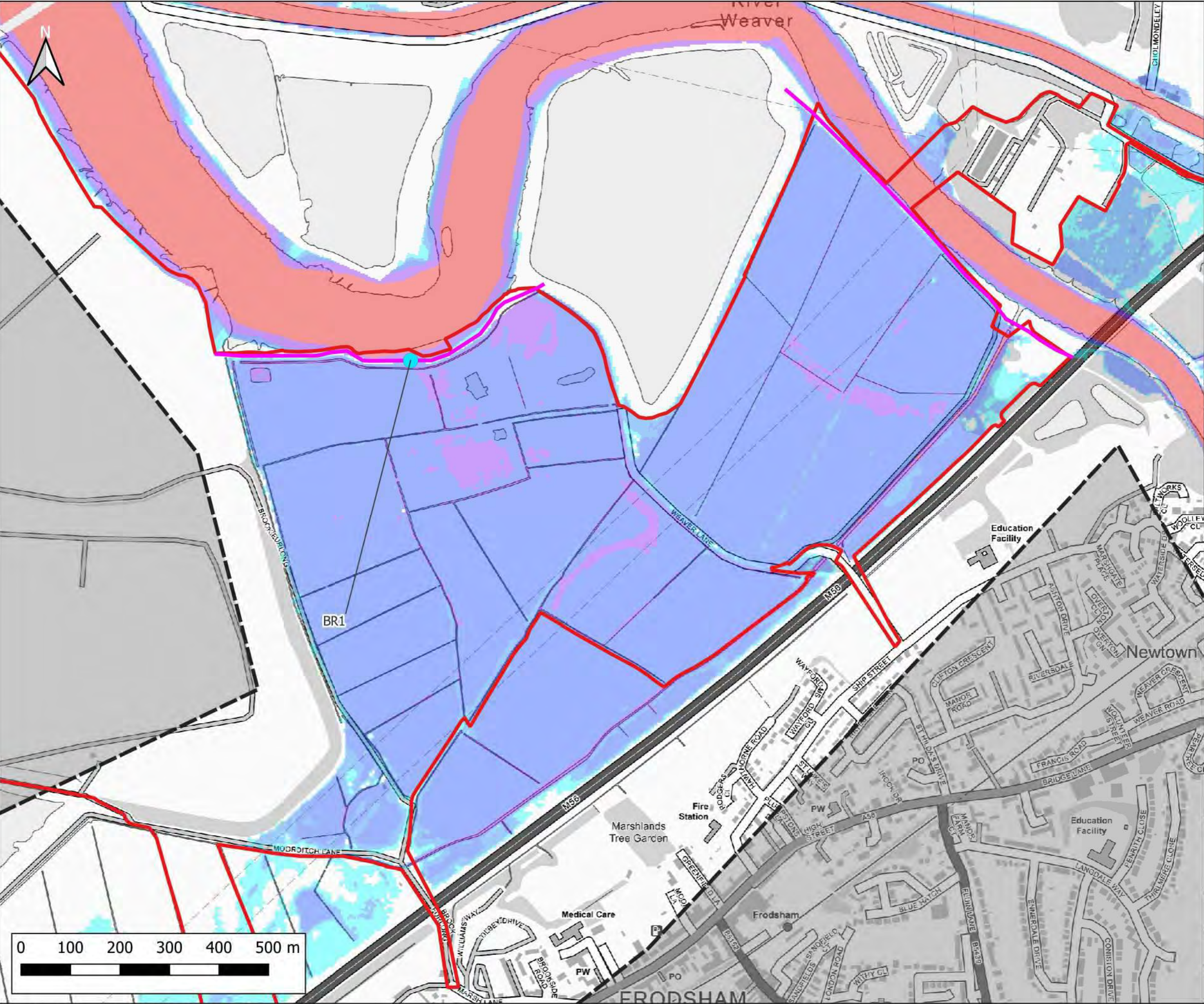
SCHEME:
Frodsham Solar

PLOT TITLE:
River Weaver Maximum Flood Depth Difference
0.1% AEP Fluvial Event
MWHs Tidal Event
Defended DEV - EXG

PLOT STATUS: FINAL DATE: 30-04-2025

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

PLOT NAME: 14740_LW_DEF_DEV2-EXG_Q1000_H(LDW)_NE(MHWS)_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

waterco

www.waterco.co.uk

SCHEME:

Frodsham Solar

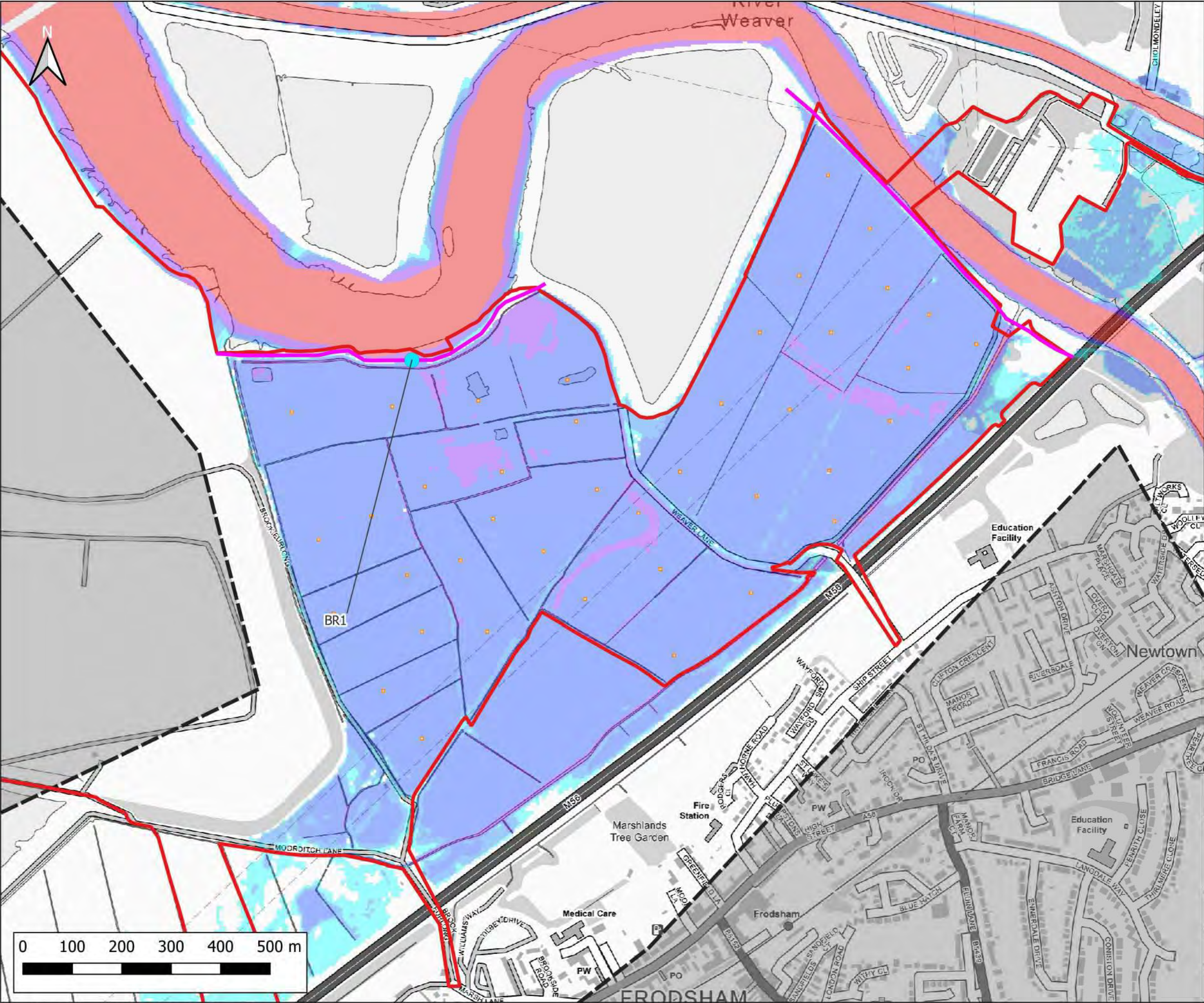
PLOT TITLE:

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

PLOT STATUS:		DATE:	
FINAL		30-04-2025	

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

PLOT NAME:	REVISION:
14740_LW_BR1_EXG_Q100CC67_M(LDW)_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
- 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

www.waterco.co.uk

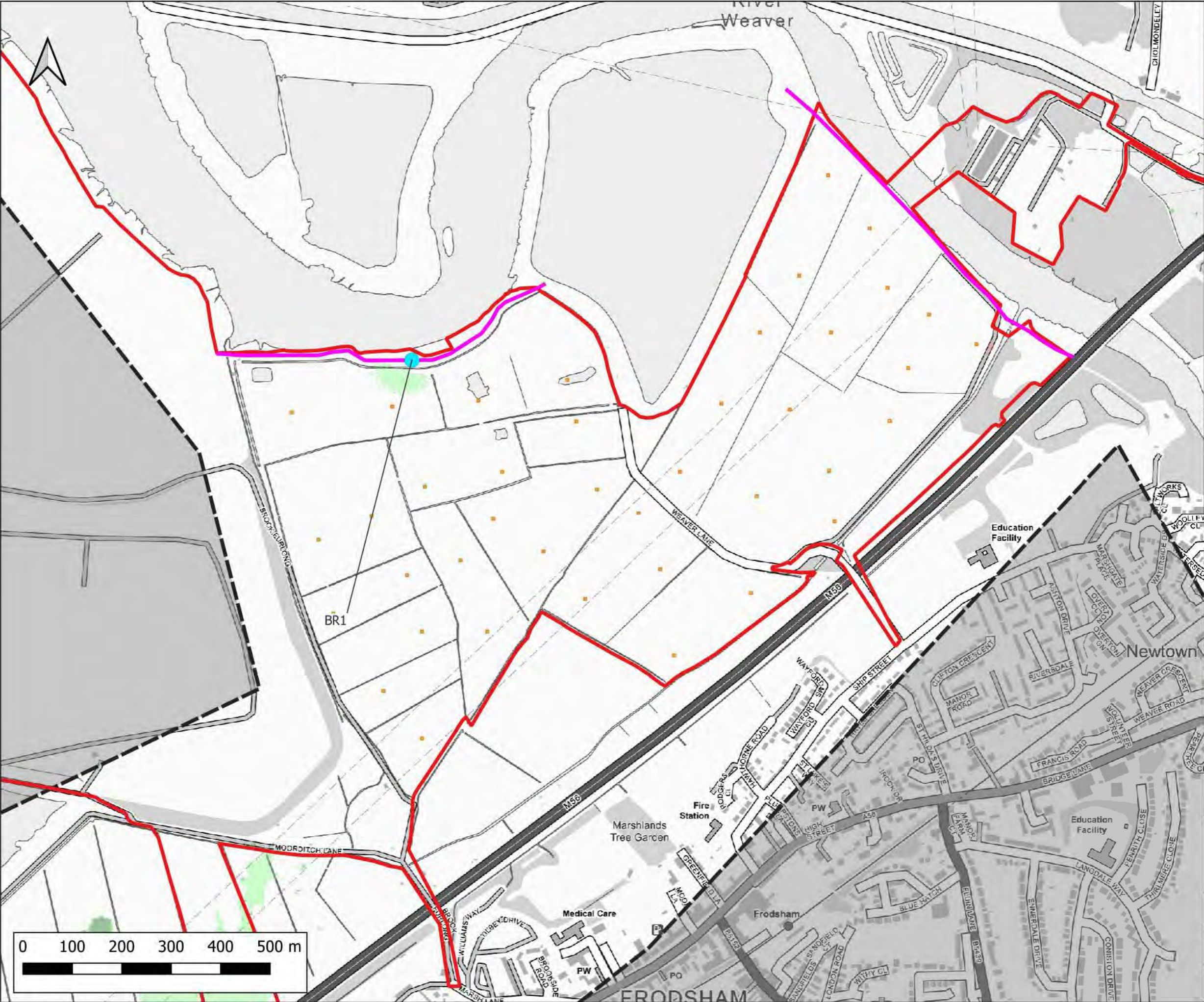
SCHEME:

Frodsham Solar

PLOT TITLE:

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

PLOT STATUS:		FINAL		DATE:	30-04-2025
DRAWN:	CHKD:	APPROVED:	PLOT SCALE AT A3:		
MH	AP	LS	1:7500		
PLOT NAME:					REVISION:
14740_LW_BR1_DEV2_Q100CG7_M(L)W_ME(MHWS)C_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
- 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:

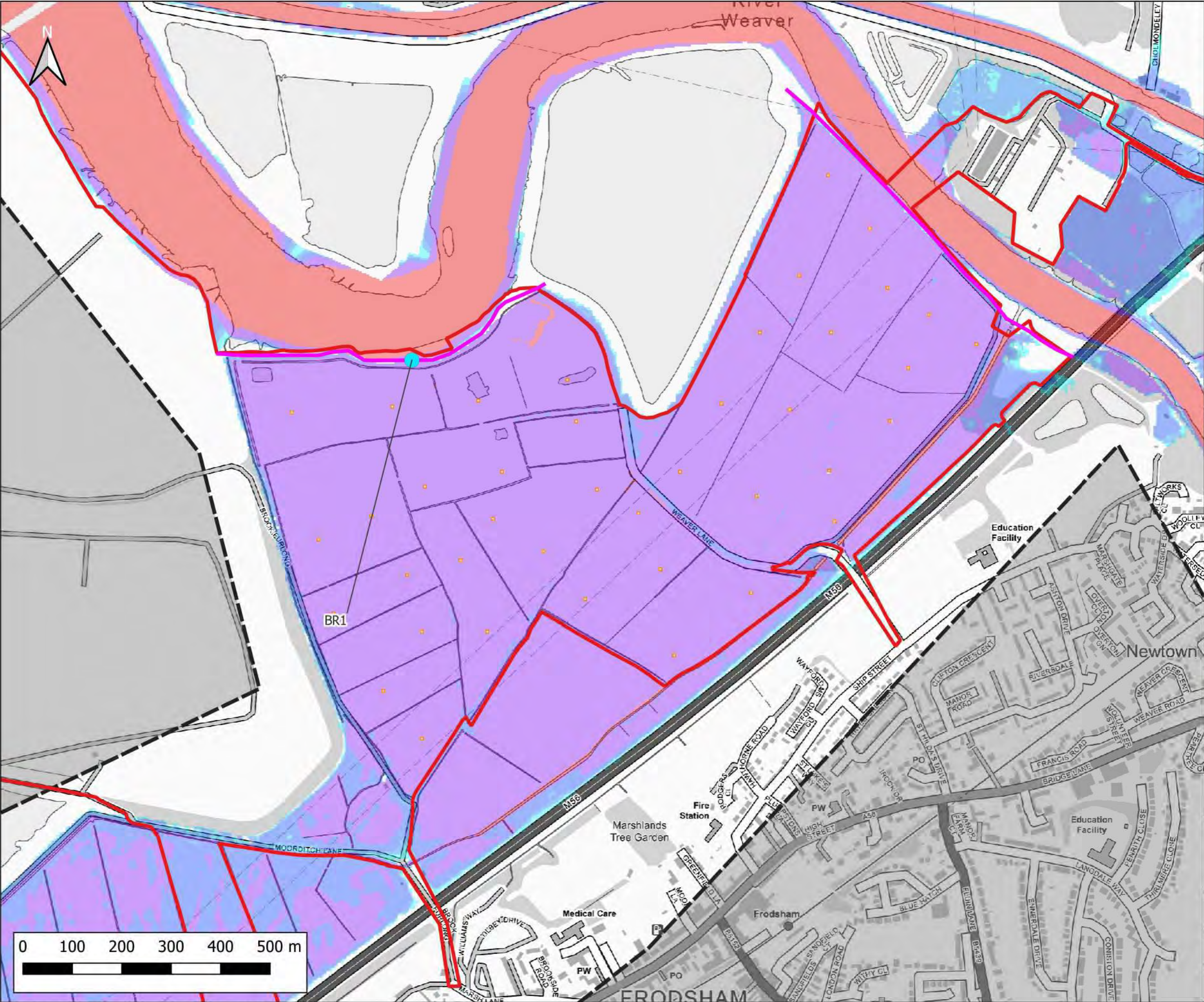
Frodsham Solar

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

PLOT STATUS: FINAL DATE: 30-04-2025

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

PLOT NAME: 14740_LW_BR1_DEV2-EXG_Q100CC67_M(LW)_ME(MHWSCC)_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
- Proposed Volume Displacement
- 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

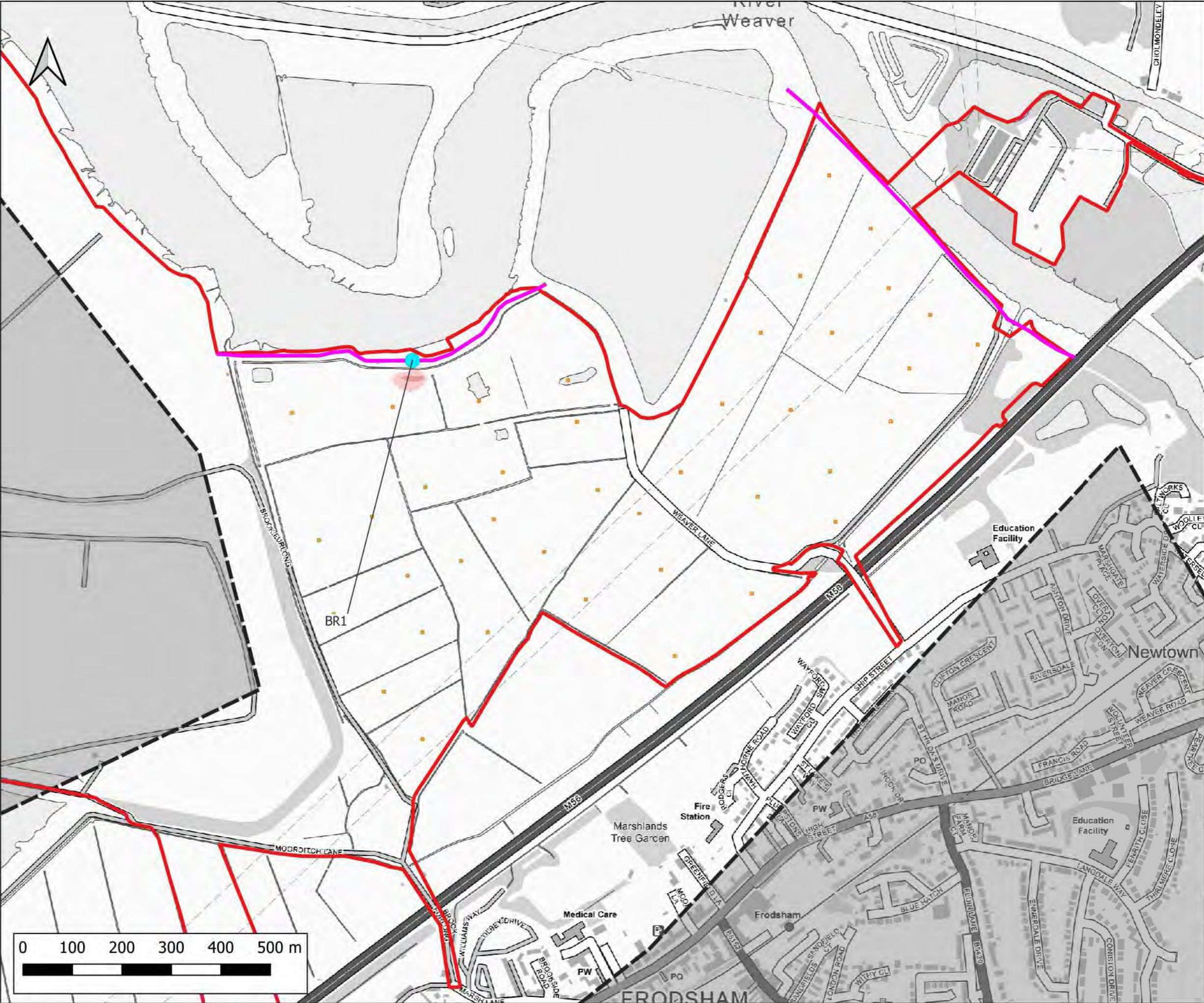
PLOT TITLE:

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

PLOT STATUS:		DATE:	
FINAL		30-04-2025	

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

PLOT NAME:	REVISION:
14740_LW_BR1_DEV2_Q100CC67_M(LDW)_FEIT200HC_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
- 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

East

FRODSHAM

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 1 DEV - EXG

PLOT STATUS: FINAL

DATE: 30-04-2025

DRAWN: MH

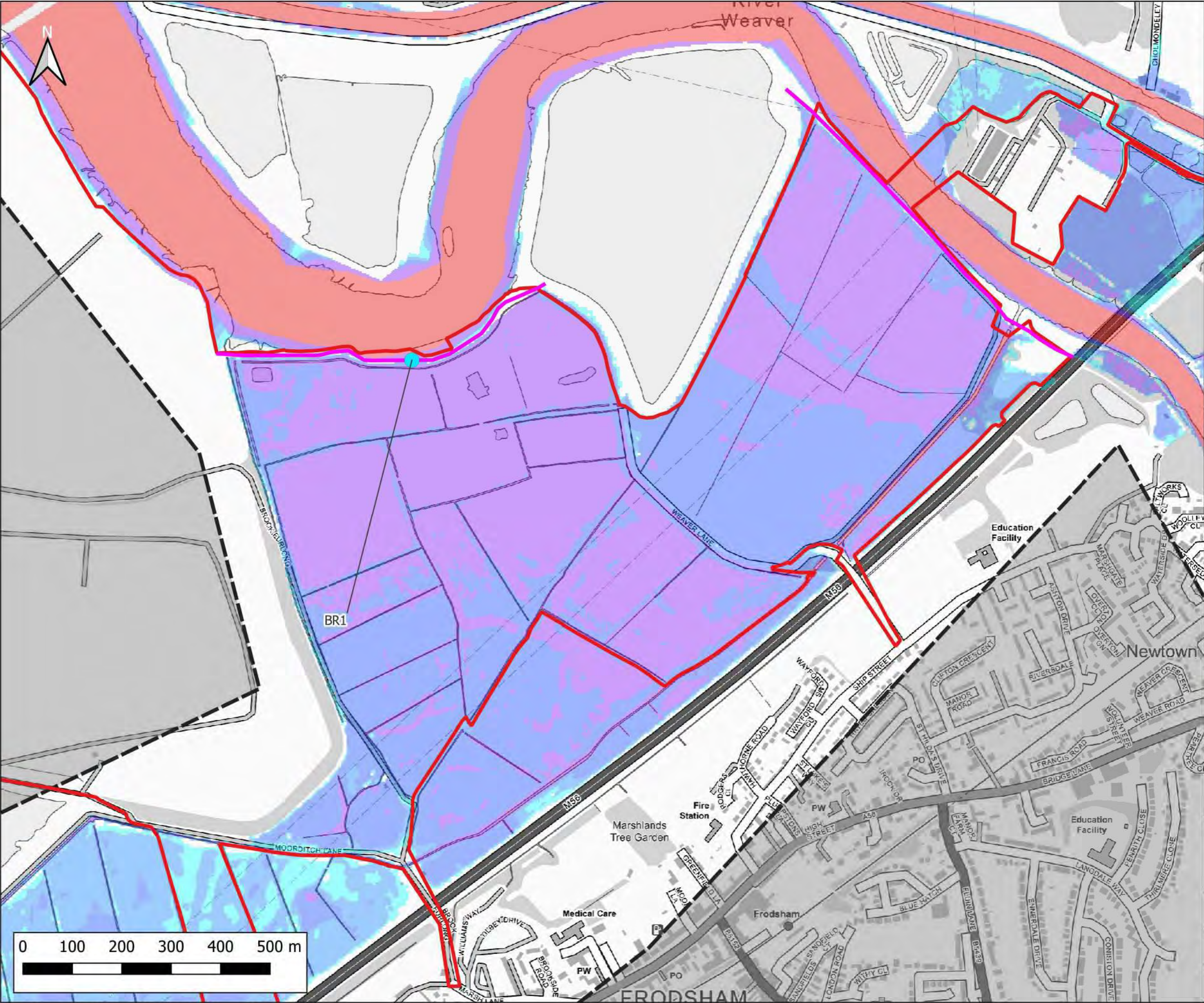
CHECKED: AP

APPROVED: LS

PLOT SCALE AT A3: 1:7500

PLOT NAME: 14740_LW_BR1_DEV2-EXG_Q100CC67_M(LW)_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

waterco
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SCHEME:

Frodsham Solar

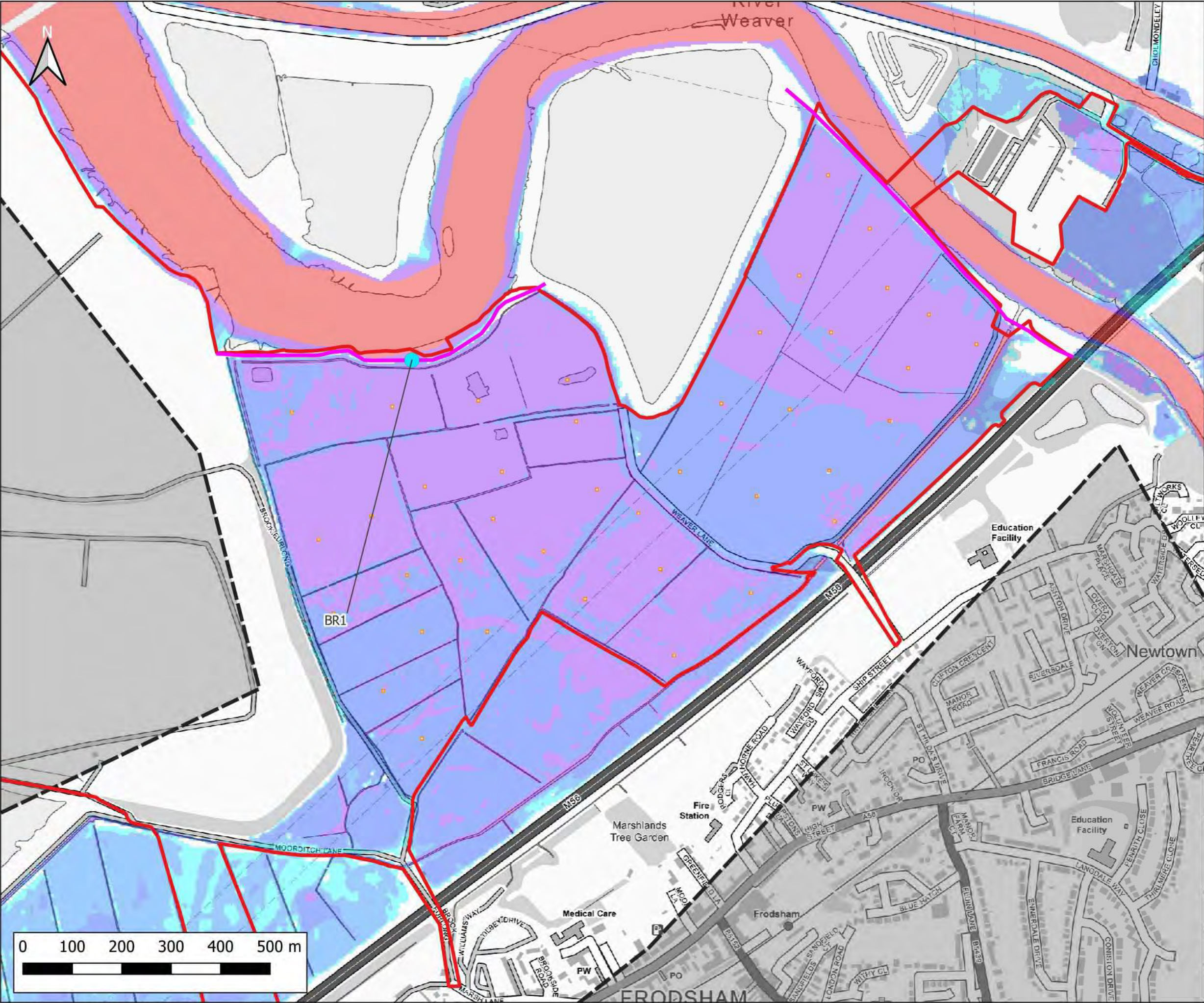
PLOT TITLE:

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

PLOT STATUS:		DATE:	
FINAL		30-04-2025	

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

PLOT NAME:	REVISION:
14740_LW_BR1_EXG_Q100CC106_M(L)W_M(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
- 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

East

FRODSHAM

CLIENT:

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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:

FINAL

DATE:

30-04-2025

DRAWN:

MH

CHECKED:

AP

APPROVED:

LS

PLOT SCALE AT A3:

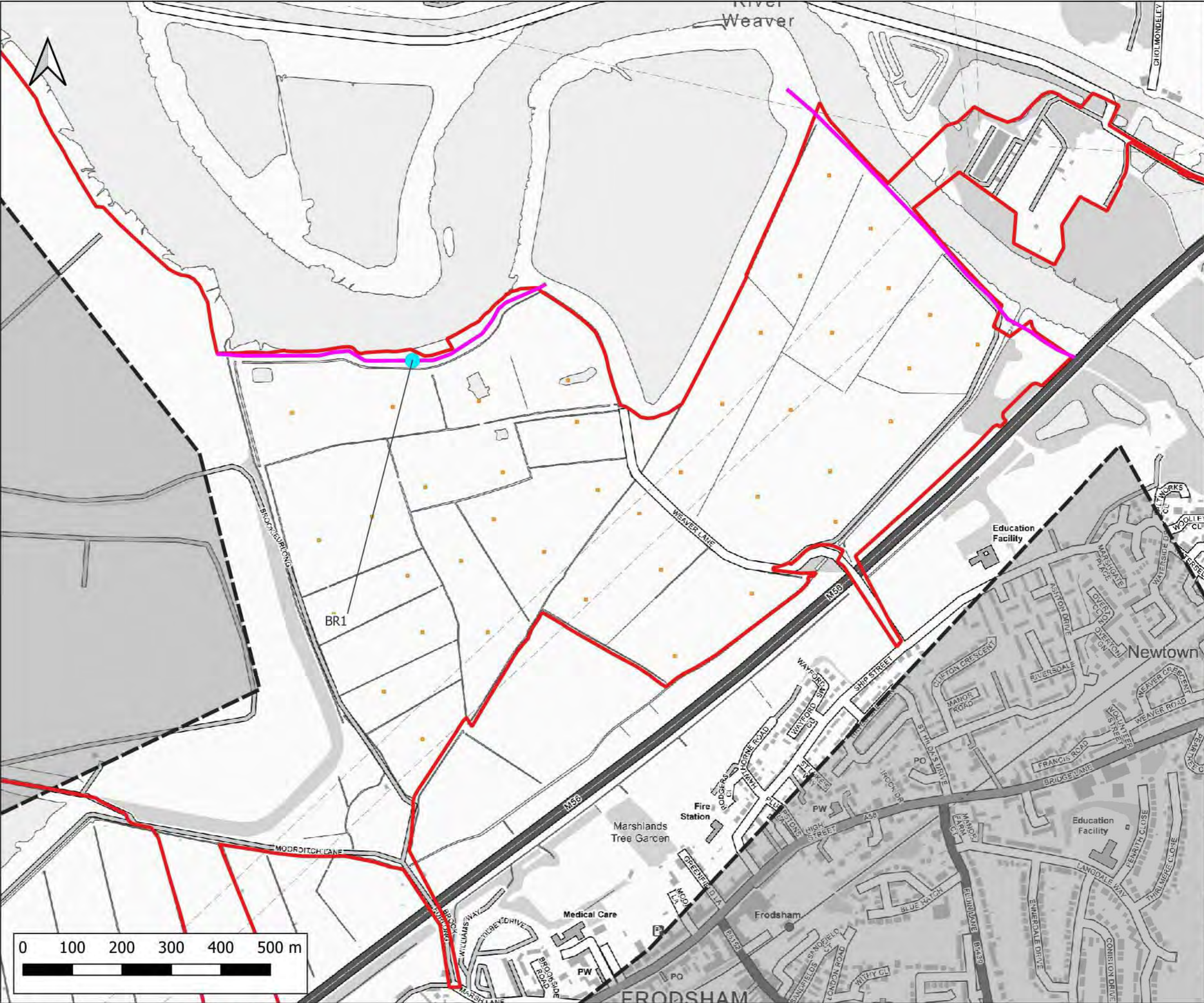
1:7500

PLOT NAME:

14740_LW_BR1_DEV2_Q100CC106_M(L)W)_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
- 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

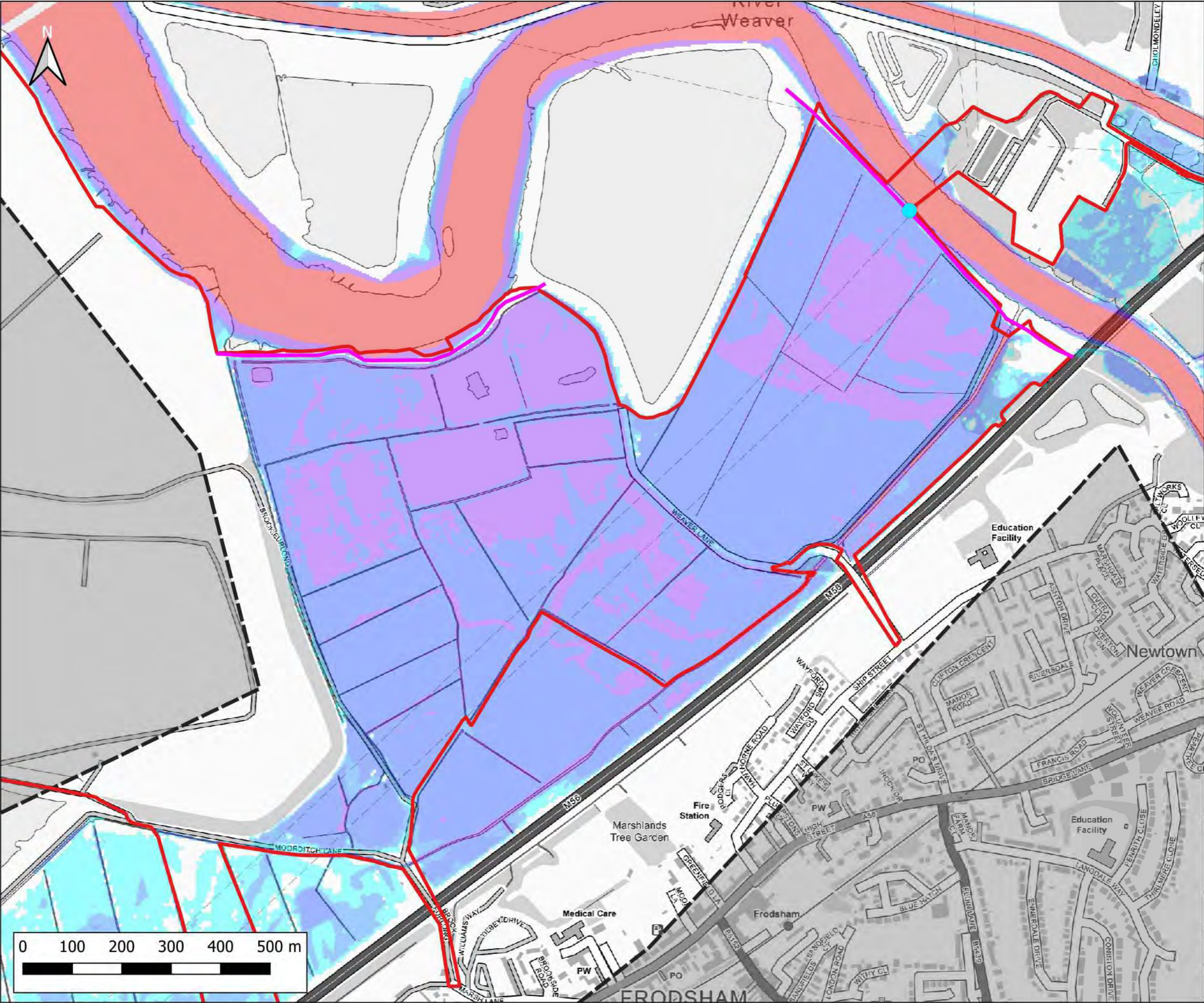
SCHEME:
Frodsham Solar

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

PLOT STATUS: **FINAL** DATE: **30-04-2025**

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

PLOT NAME: **14740_LW_BR1_DEV2-EXG_Q100CC106_M(LW)_ME(MHWSCC)_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 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

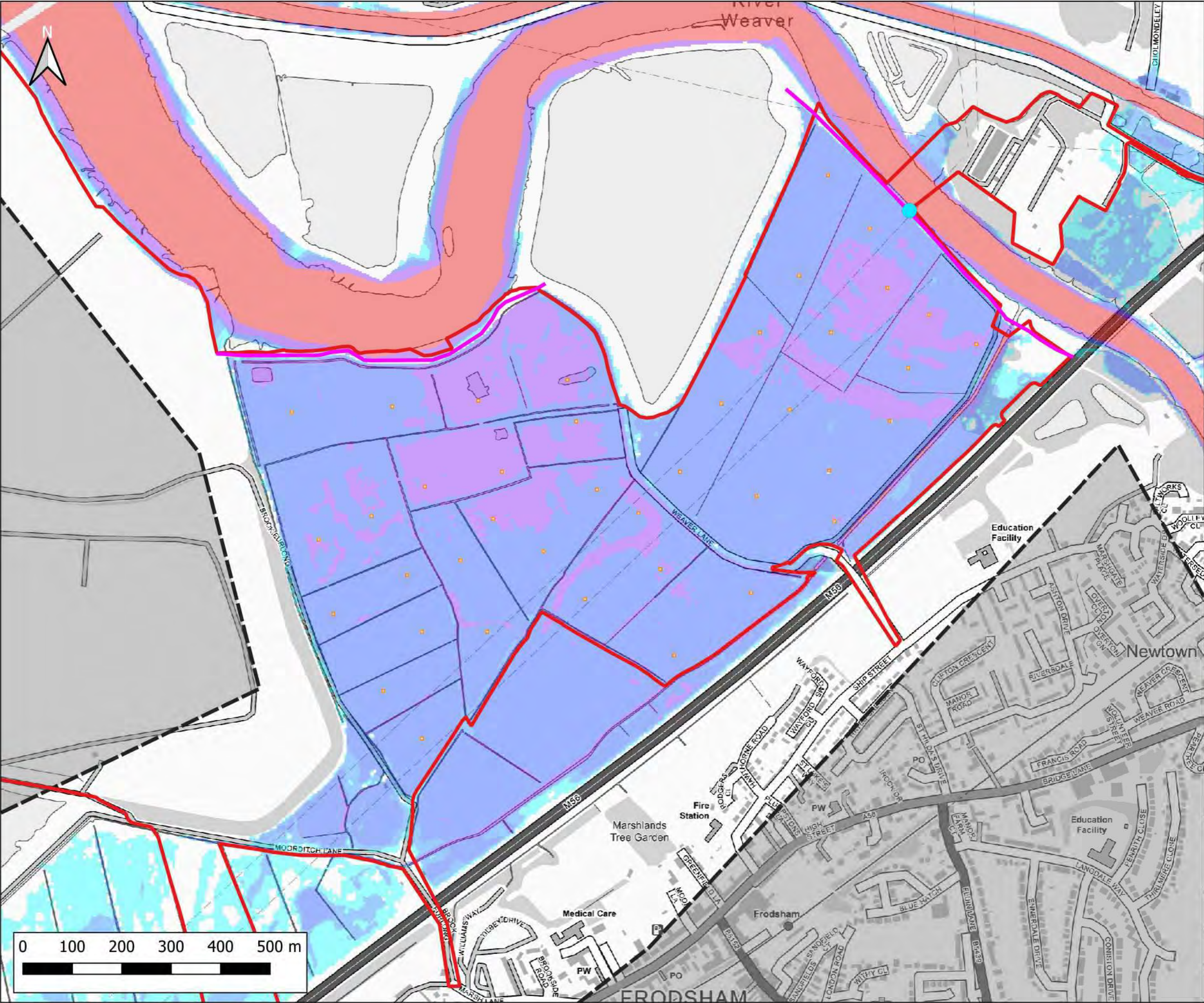
PLOT TITLE:

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

PLOT STATUS:			DATE:
FINAL			30-04-2025

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

PLOT NAME:	REVISION:
14740_LW_BR2_EXG_Q100CC67_M(LW)_ME(MHWSOCC)_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
- Breach 2 Location (BR2)

Maximum Flood Depth

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

Weston
Frodsham

CLIENT:
Frodsham Solar Ltd

waterco
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 Proposed Development Scenario (DEV)

PLOT STATUS:
FINAL

DATE:
30-04-2025

DRAWN:
MH

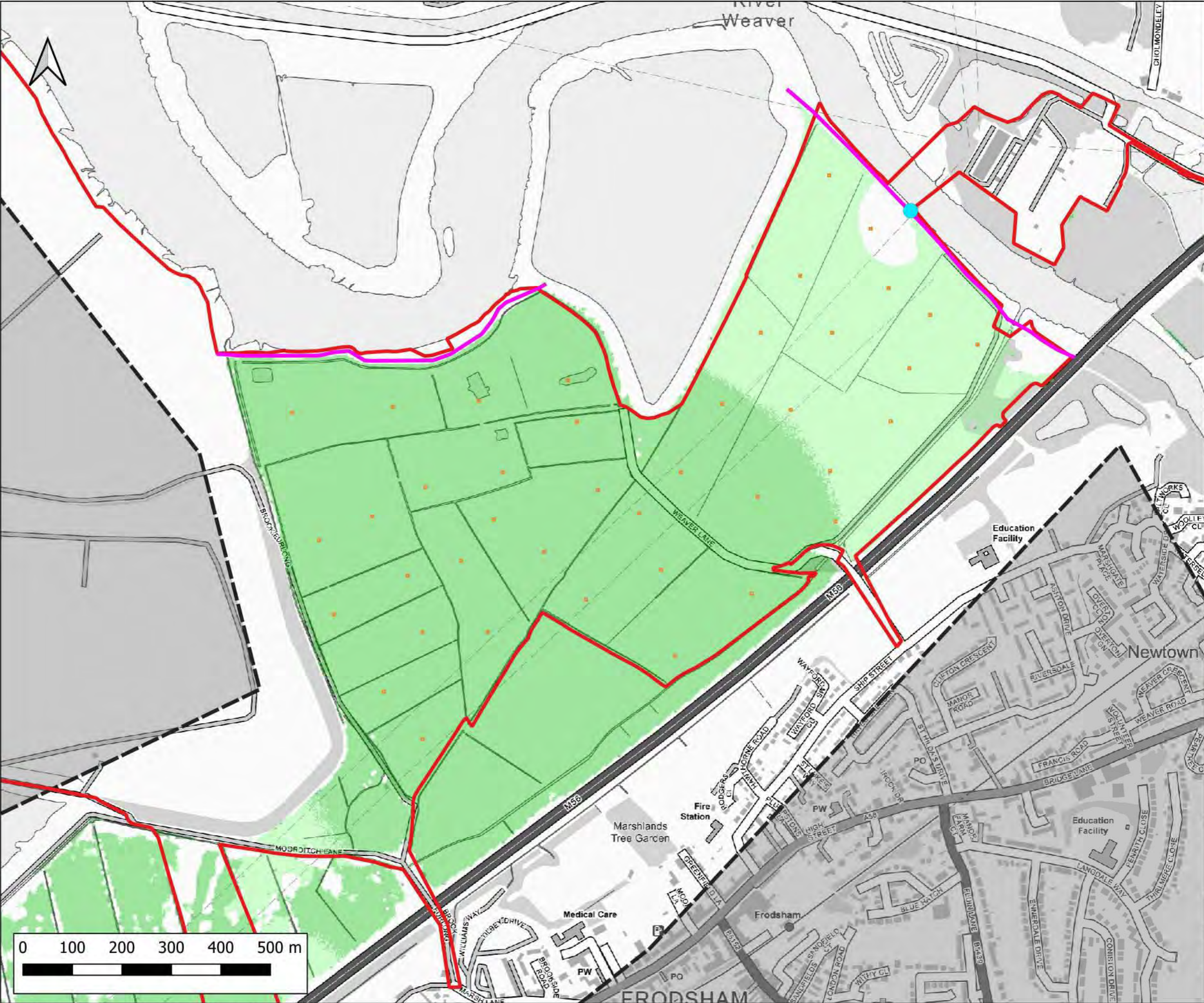
CHECKED:
AP

APPROVED:
LS

PLOT SCALE AT A3:
1:7500

PLOT NAME:
14740_LW_BR2_DEV2_Q100CC67_M(L)W_M(MHWS)CC_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
- 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

Weston
3
12
River Weaver
East
FRODSHAM

CLIENT:

Frodsham Solar Ltd

waterco
www.waterco.co.uk

SCHEME:

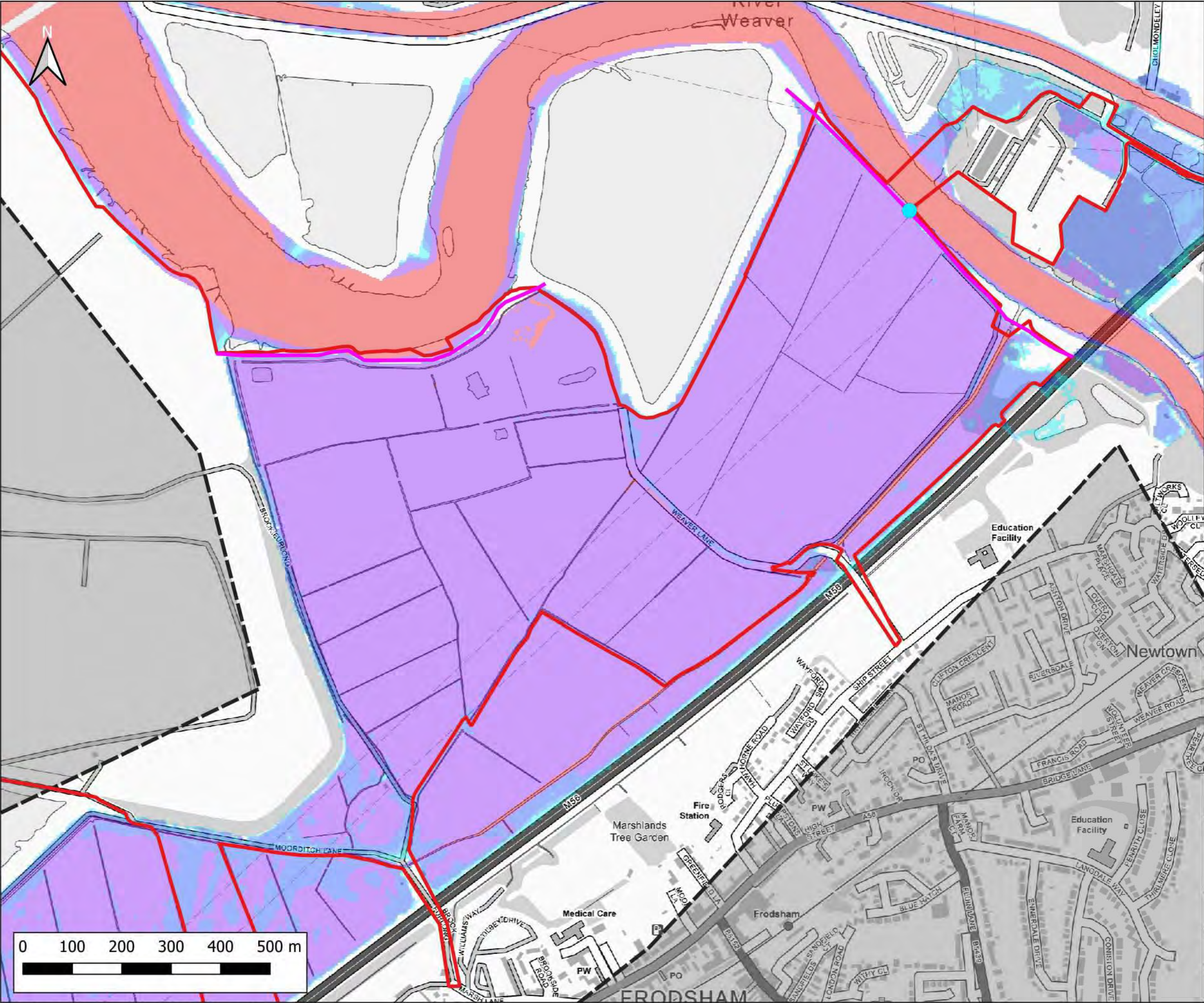
Frodsham Solar

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

PLOT STATUS: FINAL DATE: 30-04-2025

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

PLOT NAME: 14740_LW_BR2_DEV2-EXG_Q100CC67_M(LW)_ME(MHWSCC)_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 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

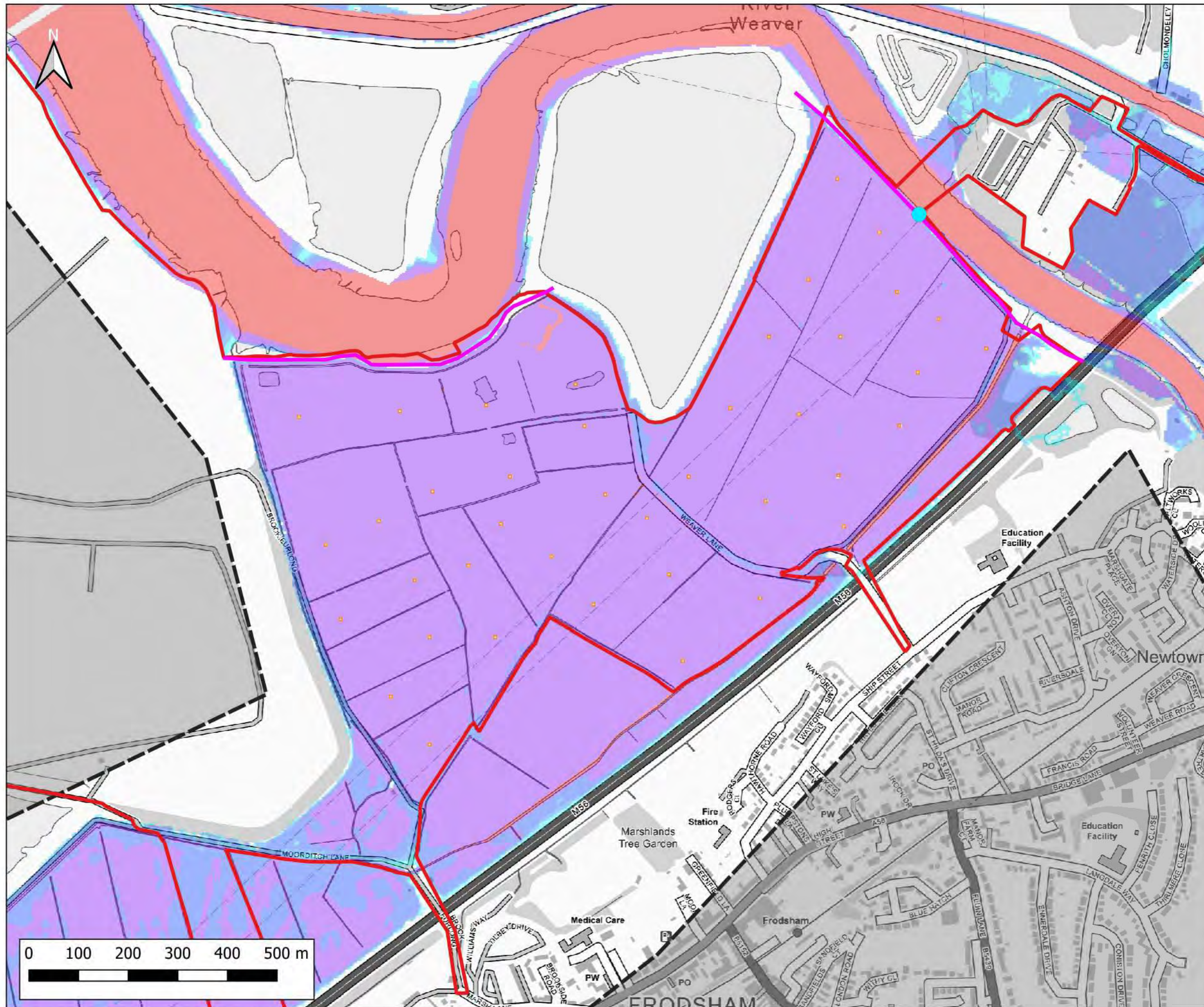
PLOT TITLE:

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

PLOT STATUS:			DATE:
FINAL			30-04-2025

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

PLOT NAME:	REVISION:
14740_LW_BR2_EXG_Q100CC67_M(LOW)_HE(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
- 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

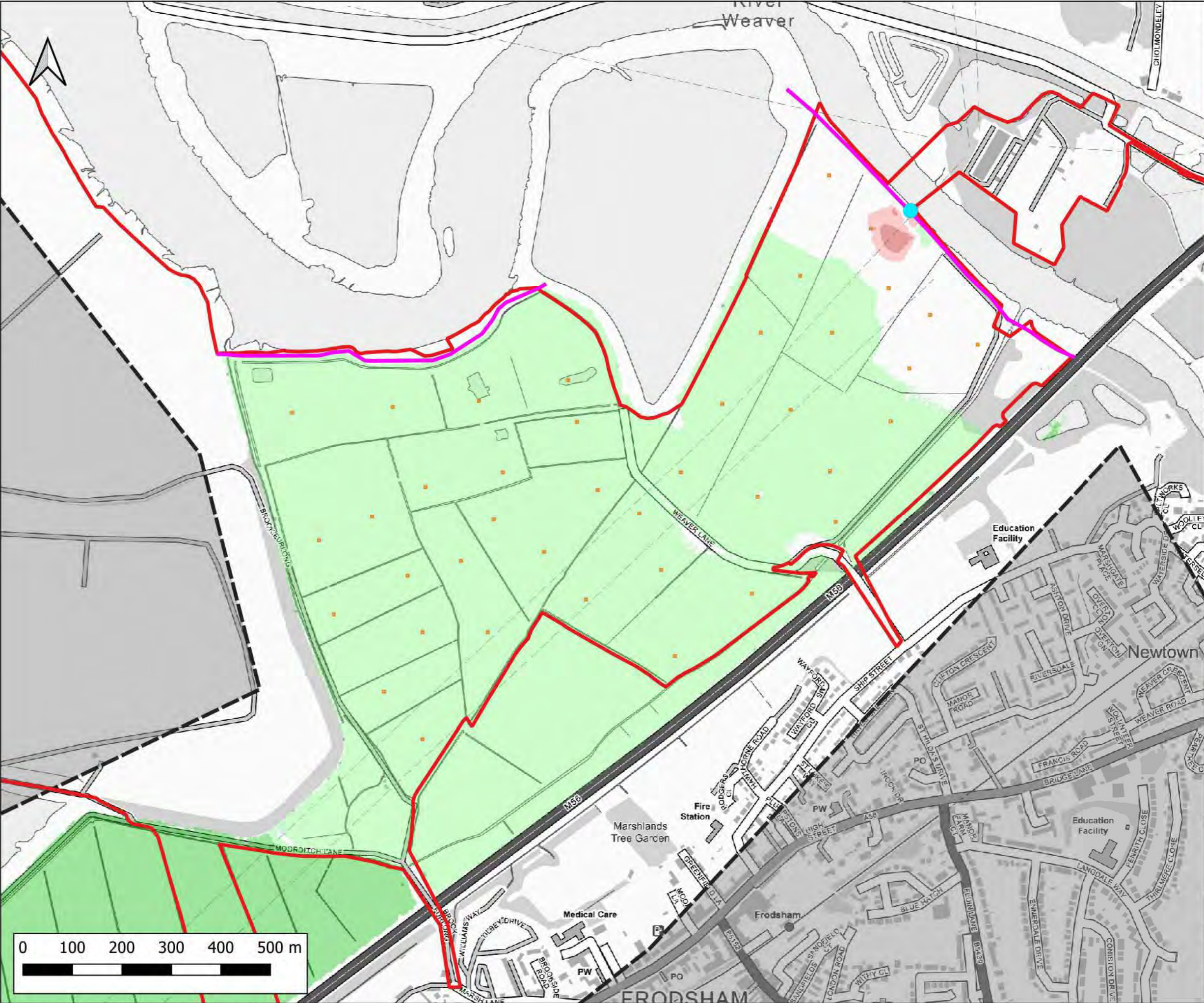
PLOT TITLE:

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

PLOT STATUS:			DATE:
FINAL			30-04-2025

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

PLOT NAME:	REVISION:
14740_LW_BR2_DEV2_Q100CC67_M(LDW)_FEIT200HC_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
- 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



Frodsham Solar Ltd



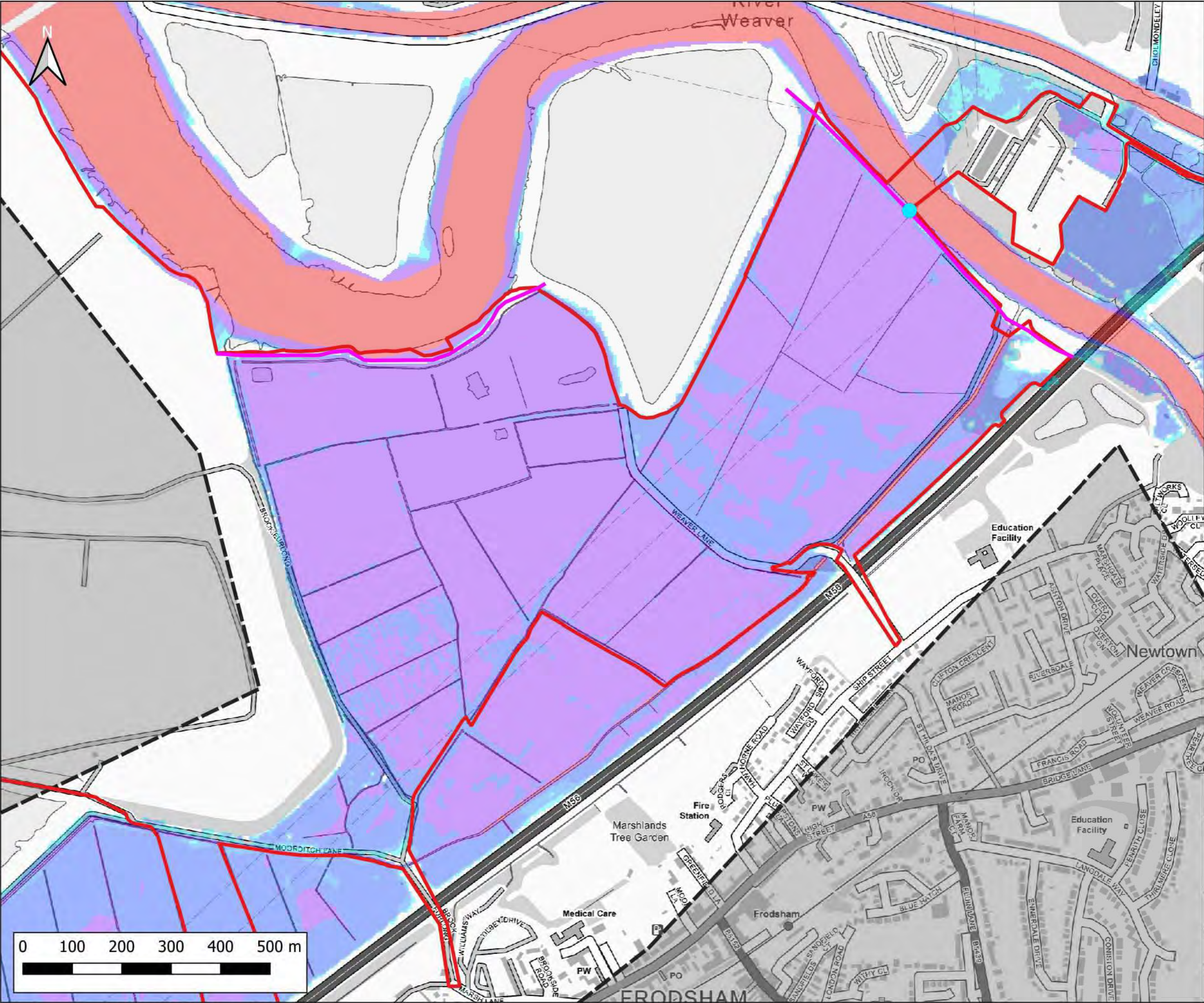
Frodsham Solar

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: FINAL DATE: 30-04-2025

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

PLOT NAME: 14740_LW_BR2_DEV2-EXG_Q100CC67_M(LW)_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 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

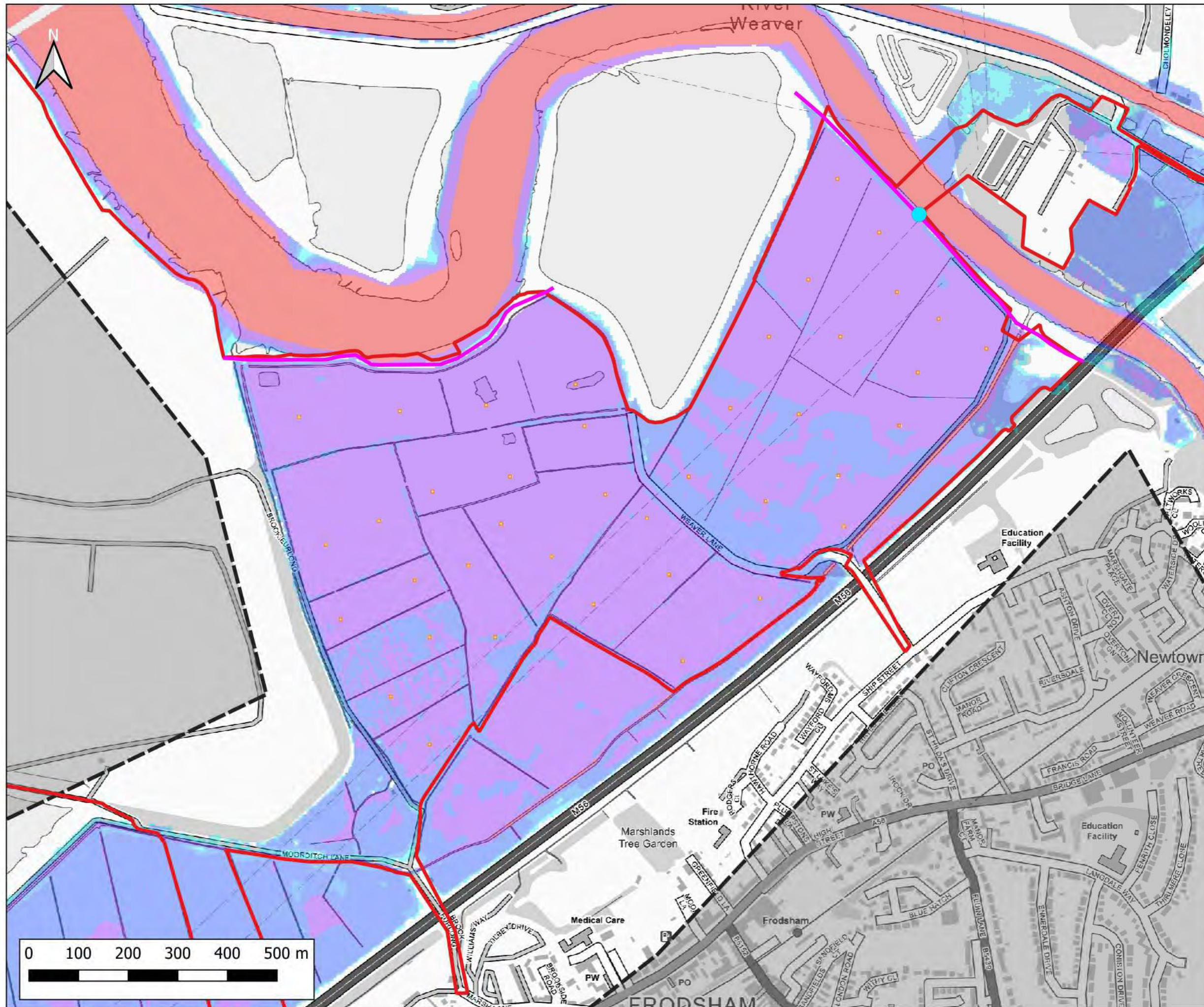
PLOT TITLE:

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

PLOT STATUS:			DATE:
FINAL			30-04-2025

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

PLOT NAME:	REVISION:
14740_LW_BR2_EXG_Q100CC106_M(L0W)_ME(MHWS00)_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
- Breach 2 Location (BR2)

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

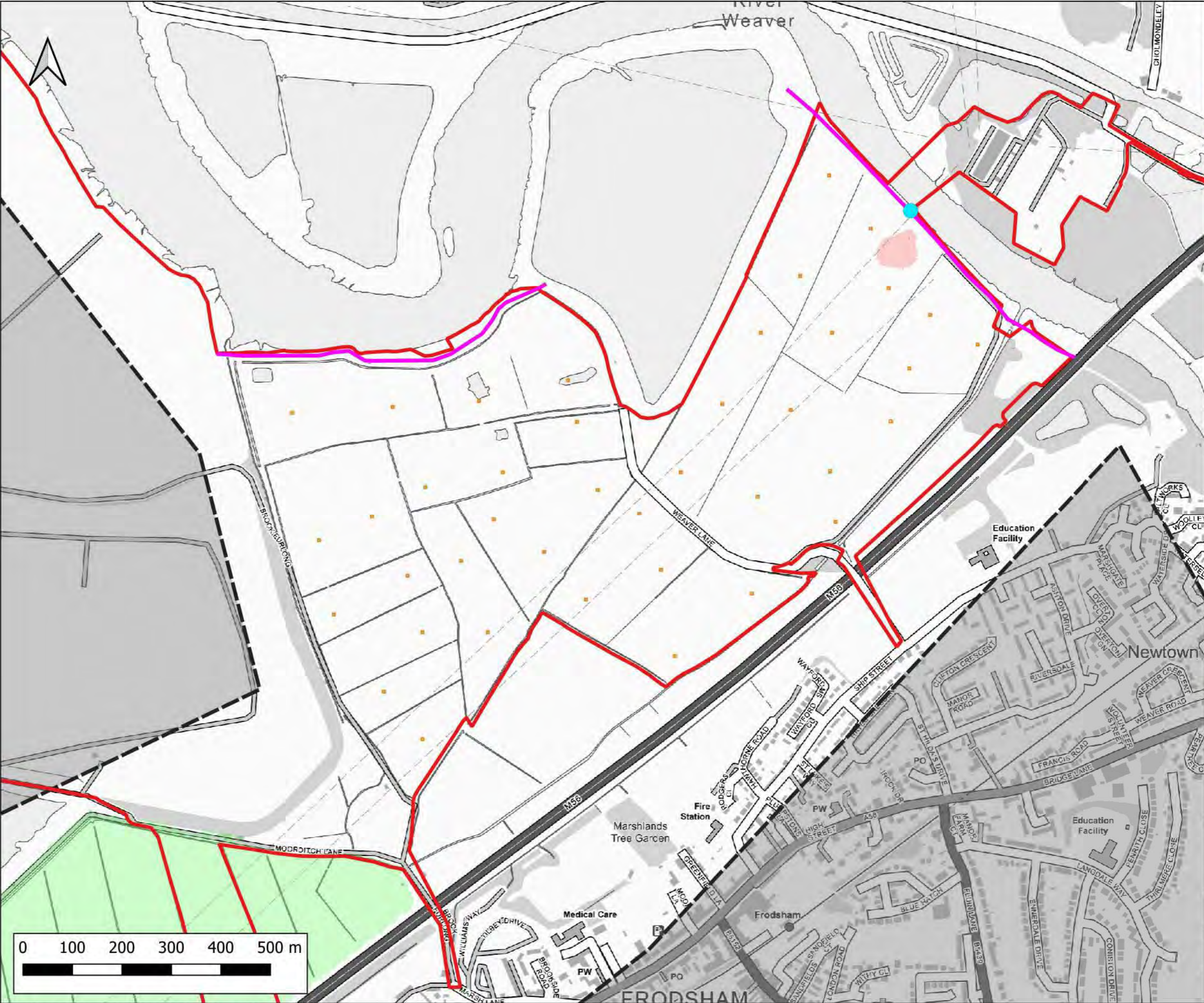
waterco
www.waterco.co.uk

SCHEME:

Frodsham Solar

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

PLOT STATUS:		FINAL		DATE:	30-04-2025
DRAWN:	CHCKED:	APPROVED:	PLOT SCALE AT A3:		
MH	AP	LS	1:7500		
PLOT NAME:					REVISION:
14740_LW_BR2_DEV2_Q100CC106_M(LW)_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
- 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

Weston
3
12
River Weaver
East
FRODSHAM

CLIENT:

Frodsham Solar Ltd

waterco
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SCHEME:

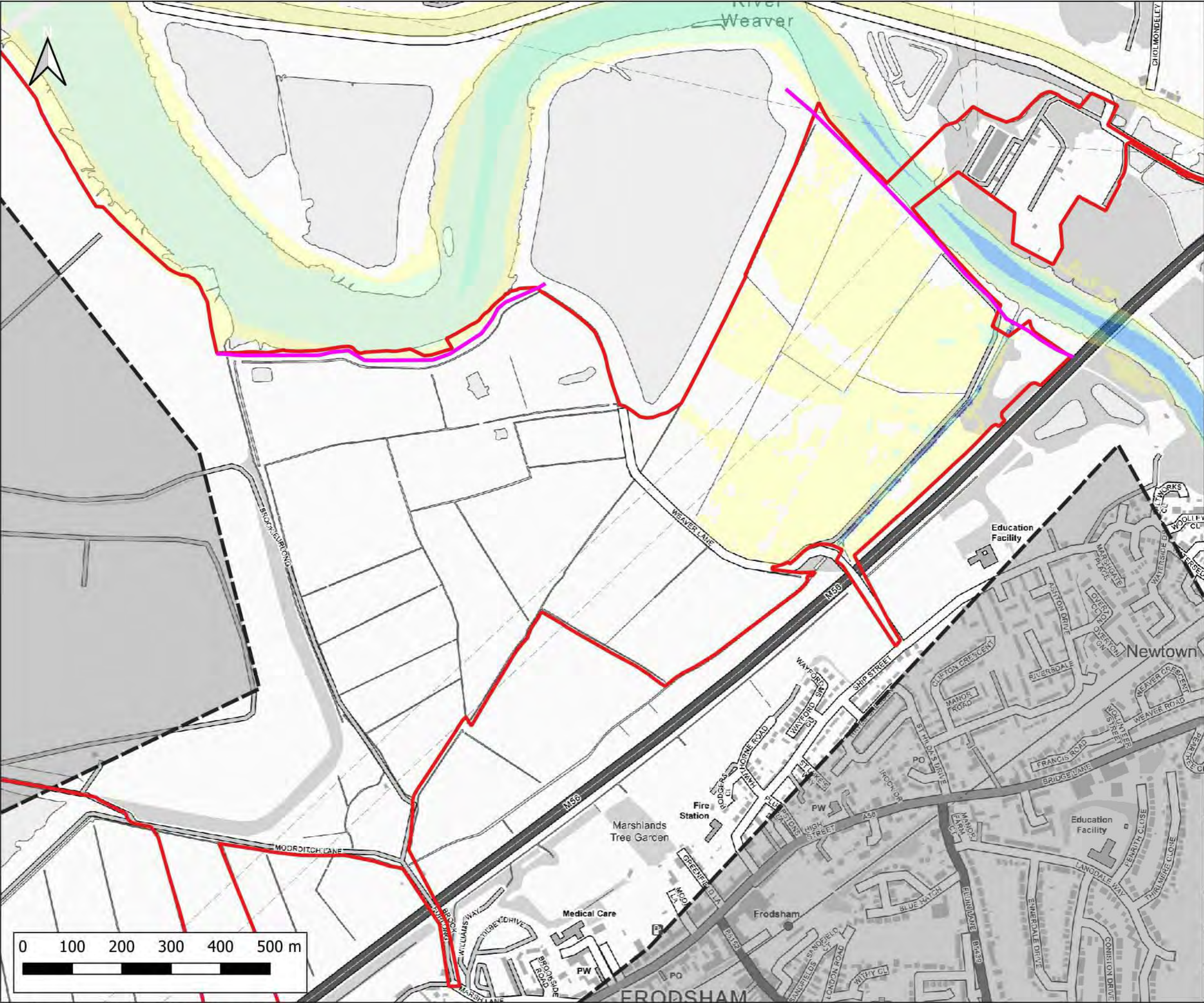
Frodsham Solar

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

PLOT STATUS: FINAL DATE: 30-04-2025

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

PLOT NAME: 14740_LW_BR2_DEV2-EXG_Q100CC106_M(LW)_ME(MHWSCC)_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

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

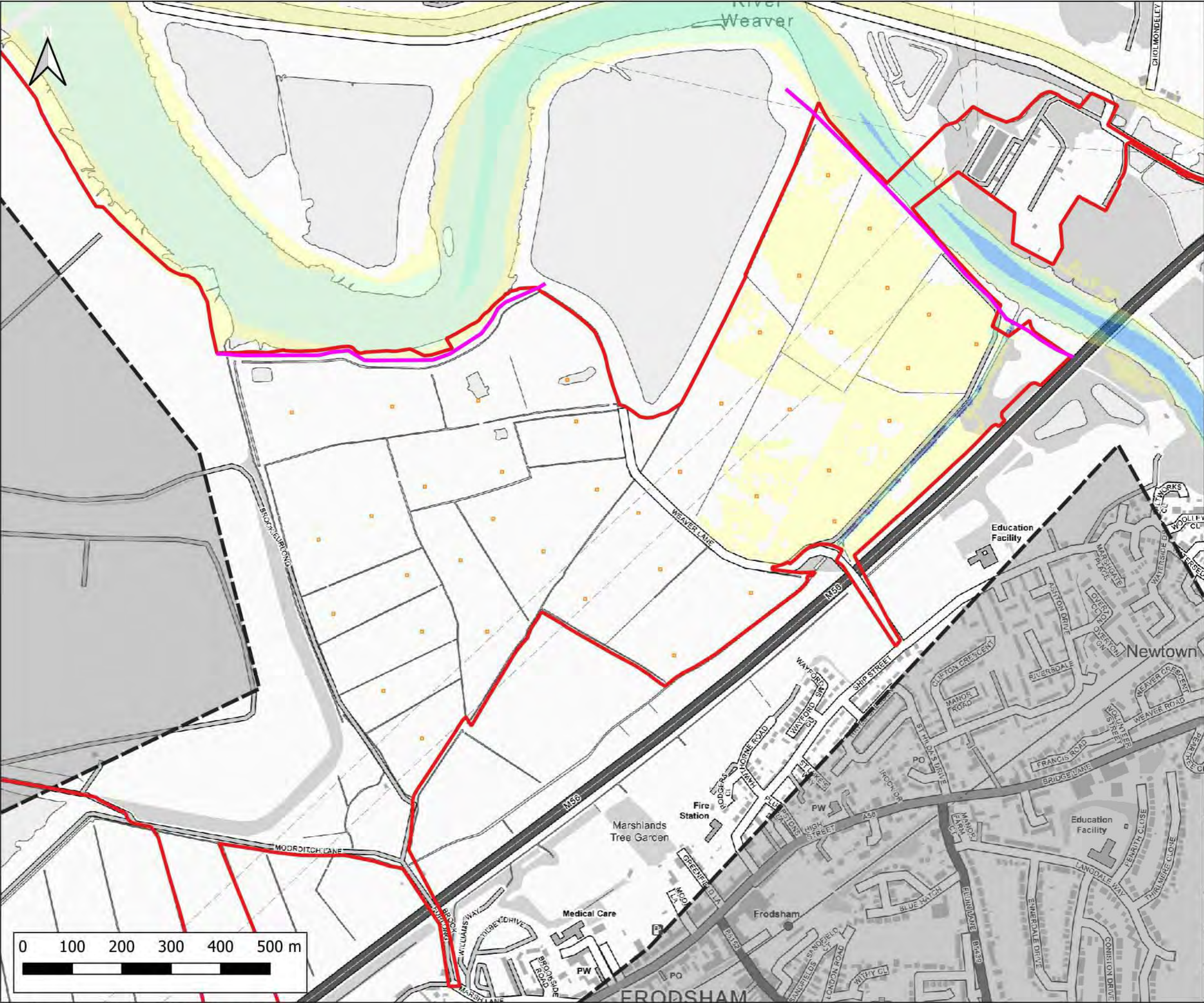
PLOT TITLE:

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

PLOT STATUS:			DATE:
FINAL			30-04-2025

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

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 Fluvial Event
MWHs Tidal Event
Defended Proposed Development Scenario (DEV)

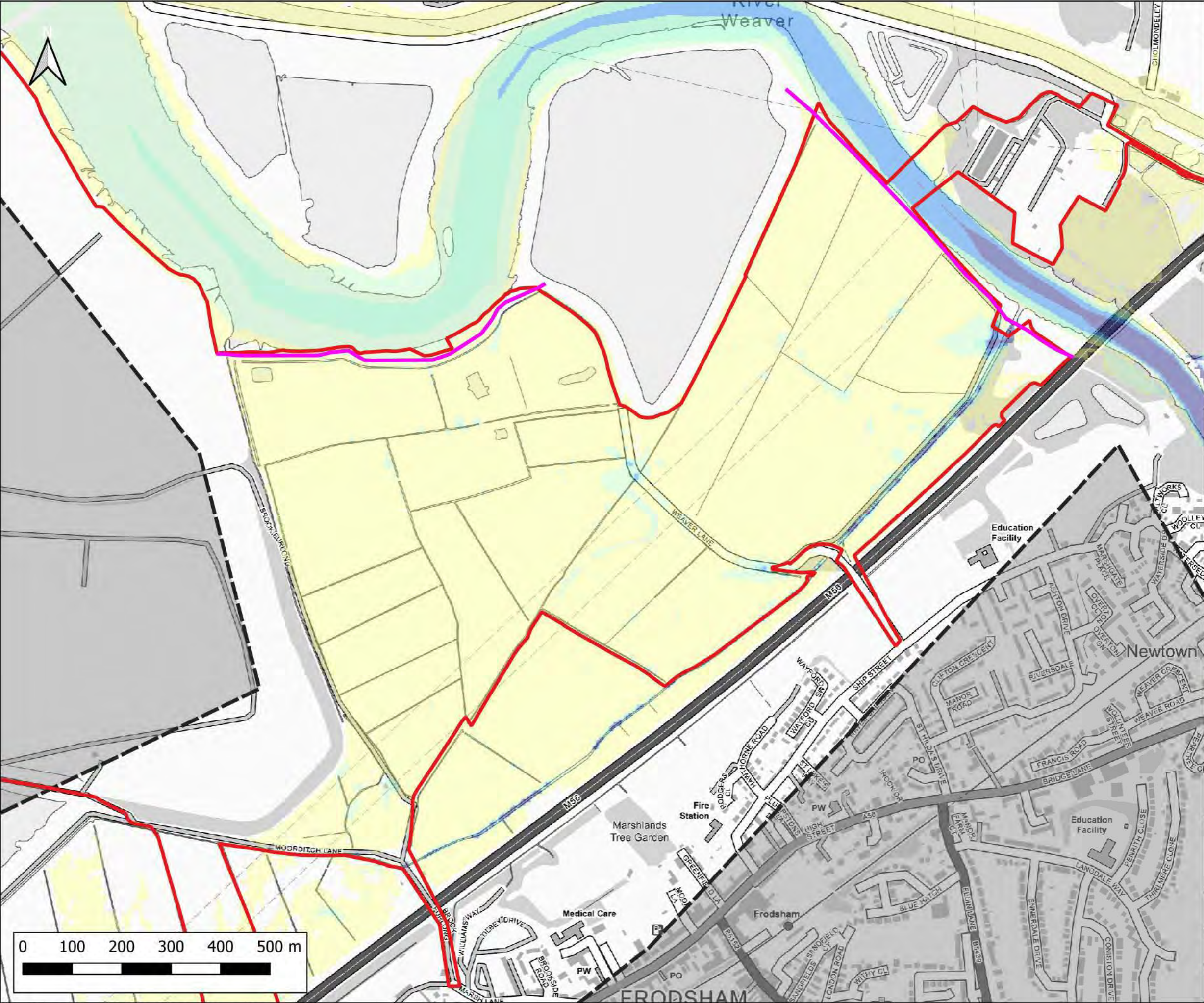
PLOT STATUS:		FINAL	DATE:	30-04-2025
DRAWN:	CHECKED:	APPROVED:	PLOT SCALE AT A3:	
MH	AP	LS	1:7500	

PLOT NAME:

14740_LW_DEF_DEV2_Q100_M(LWV)_ME(MHWS)_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

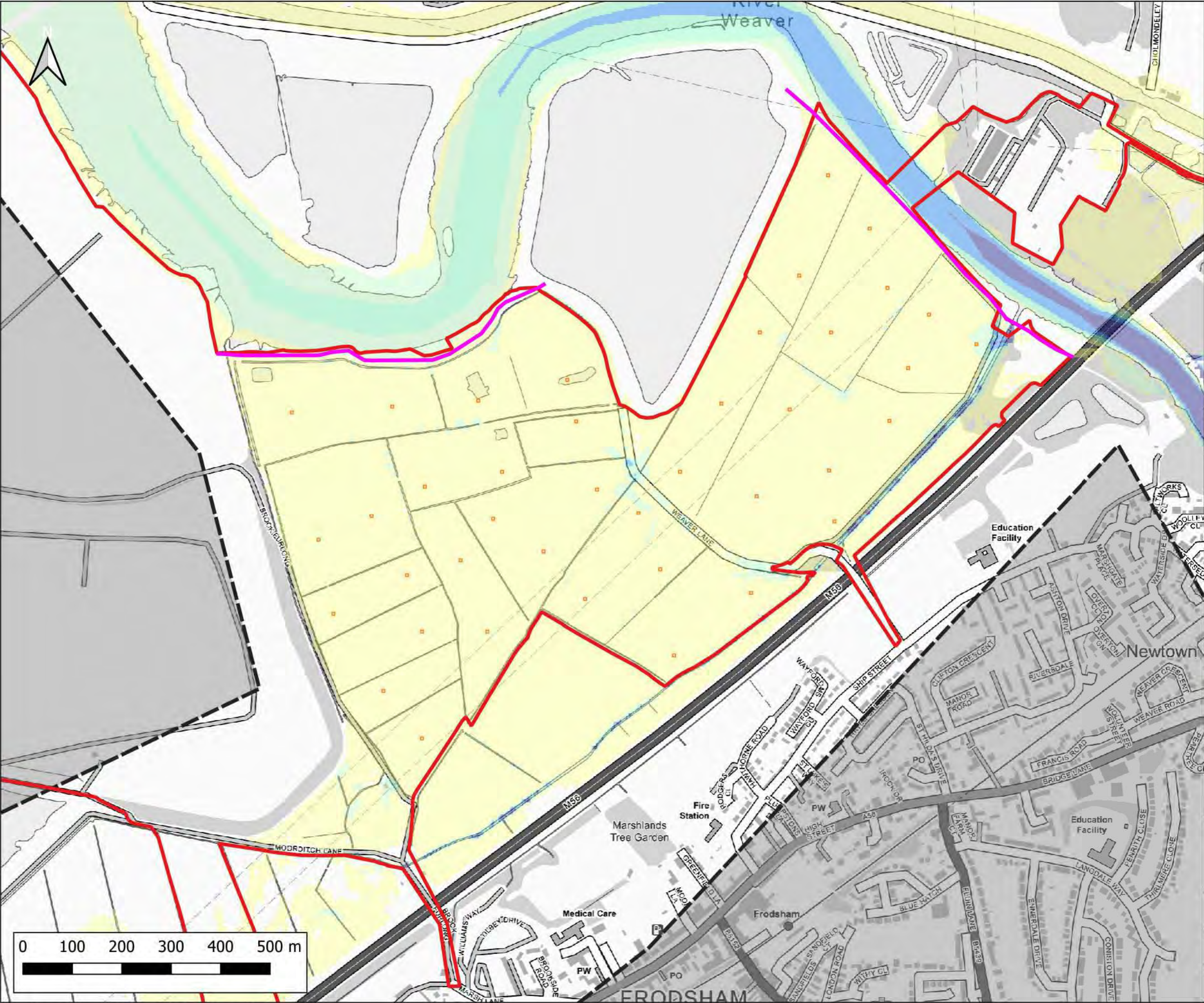
PLOT TITLE:

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

PLOT STATUS:			DATE:
FINAL			30-04-2025

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

PLOT NAME:	REVISION:
14740_LW_DEF_EXG_Q180CC67_M(LW)_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

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

CLIENT:
Frodsham Solar Ltd

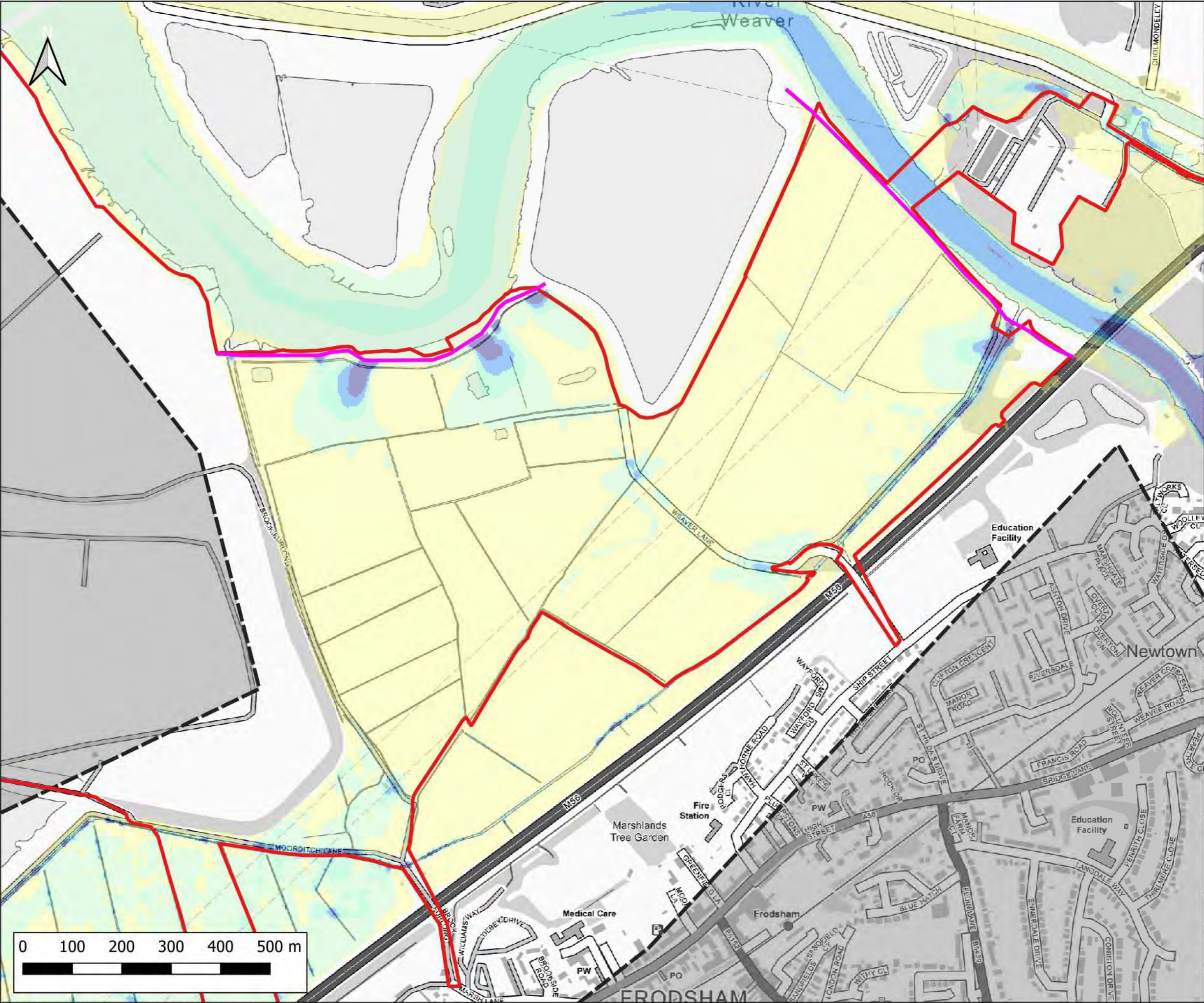
waterco
www.waterco.co.uk

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: 30-04-2025
DRAWN: MH	CHECKED: AP	APPROVED: LS
PLOT NAME: 14740_LW_DEF_DEV2_Q100CG7_M(LW)_ME(MHWSO)_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

waterco
www.waterco.co.uk

SCHEME:

Frodsham Solar

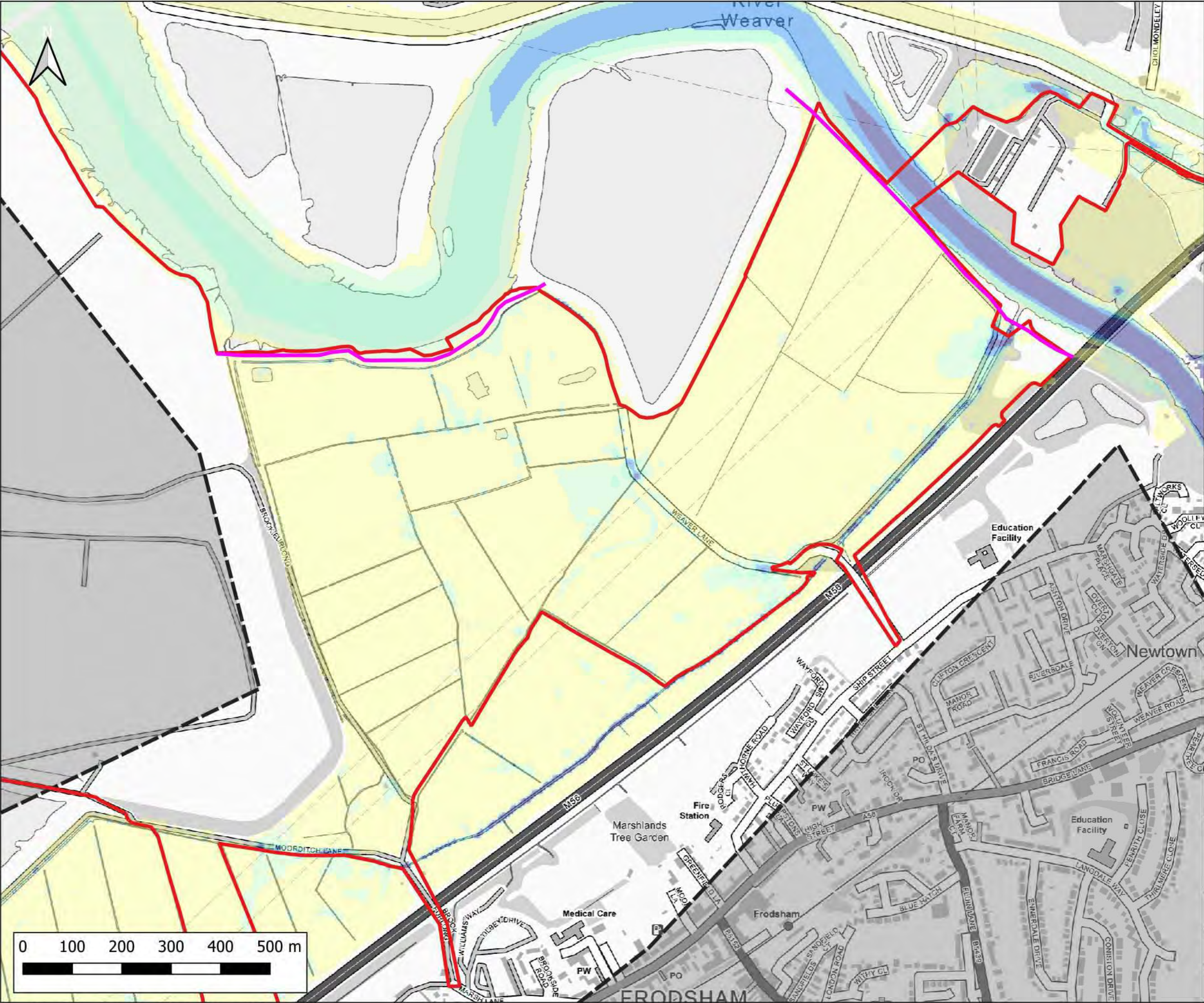
PLOT TITLE:

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			30-04-2025

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

PLOT NAME:	REVISION:
14740_LW_DEF_EXG_Q100CC67_MLOWL_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

Weston
3
12
River Weaver
East
FRODSHAM

CLIENT:
Frodsham Solar Ltd

waterco
www.waterco.co.uk

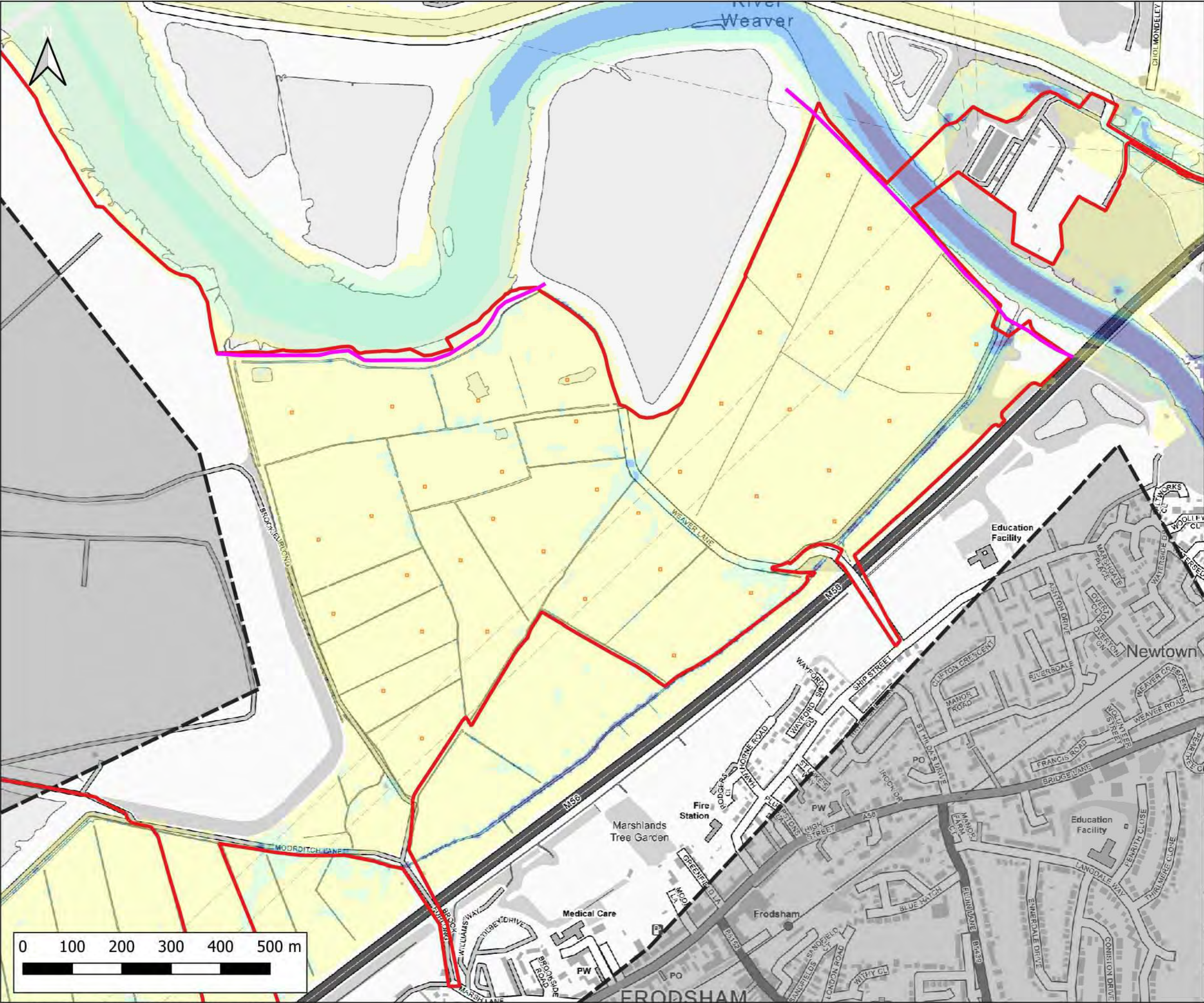
SCHEME:
Frodsham Solar

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

PLOT STATUS: **FINAL** DATE: **30-04-2025**

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

PLOT NAME: **14740_LW_DEF_EXG_Q100CC105_M(L0W)_ME(MHWS00)_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

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

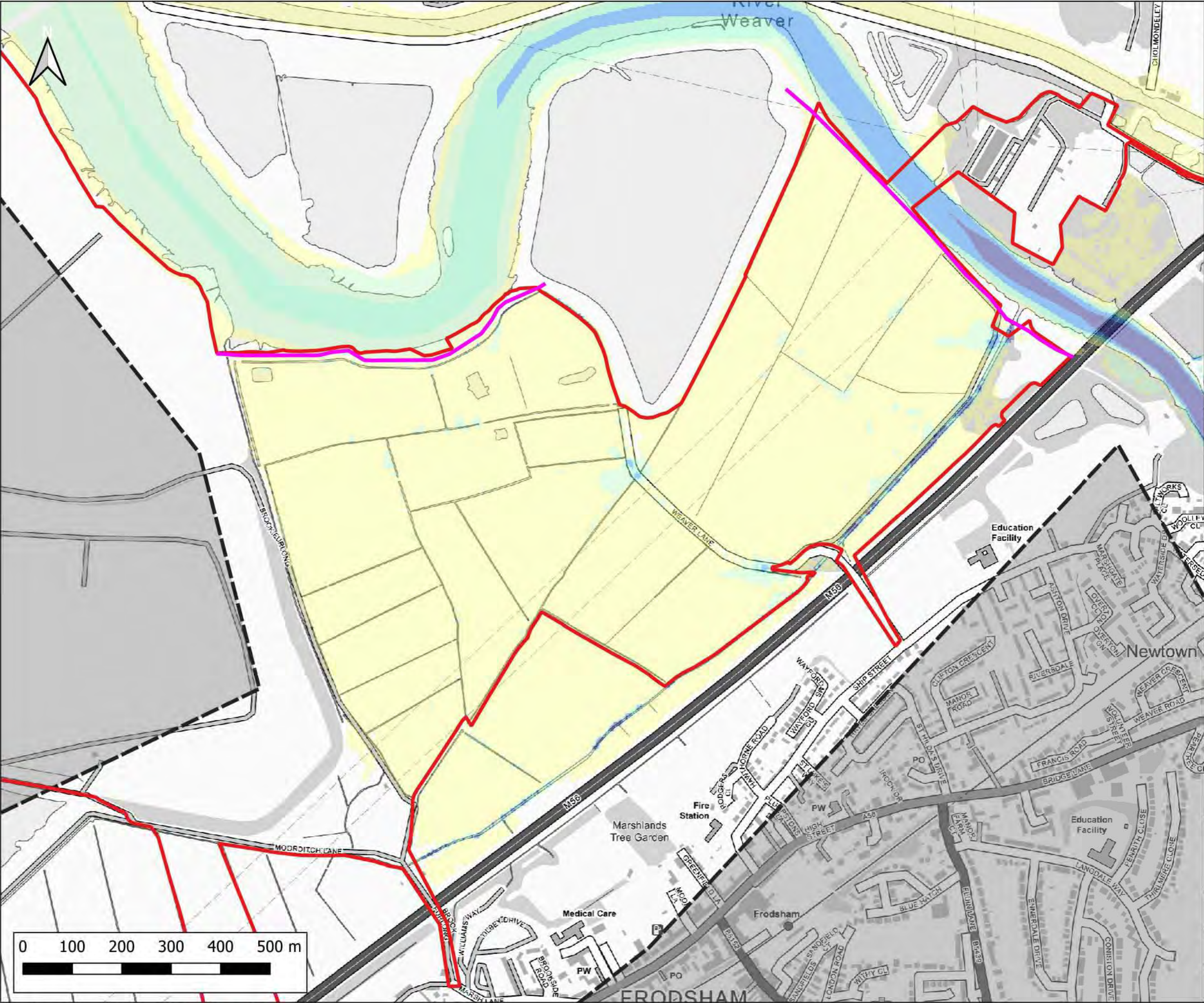
SCHEME:

Frodsham Solar

PLOT TITLE:

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

PLOT STATUS:		FINAL		DATE:	30-04-2025
DRAWN:	CHANGED:	APPROVED:	PLOT SCALE AT A3:		
MH	AP	LS	1:7500		
PLOT NAME:					REVISION:
14749_LW_DEF_DEV2_Q100CC106_M(LW)_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

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

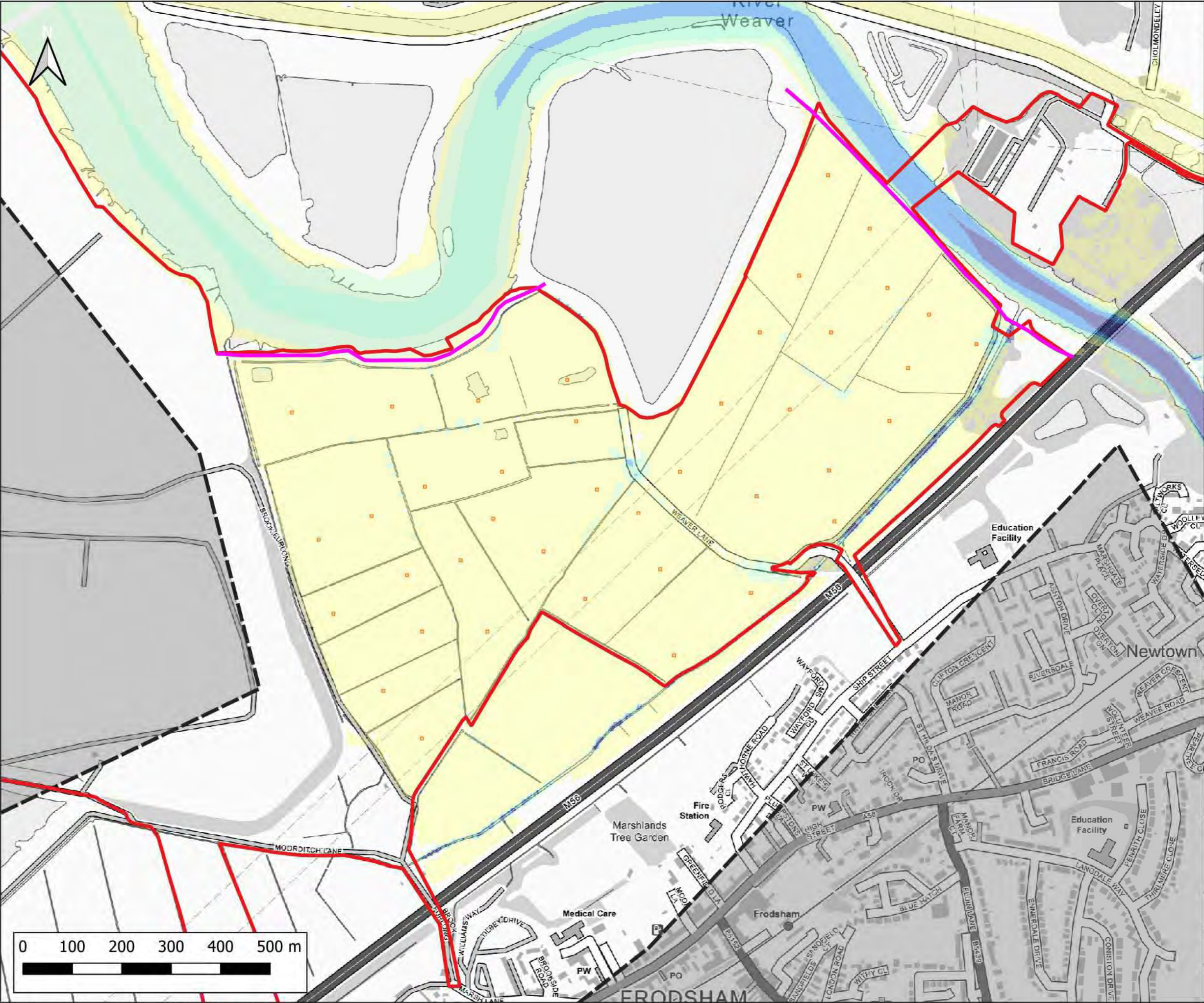
SCHEME:

Frodsham Solar

PLOT TITLE:

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

PLOT STATUS:		FINAL		DATE:	30-04-2025
DRAWN:	CHANGED:	APPROVED:	PLOT SCALE AT A3:		
MH	AP	LS	1:7500		
PLOT NAME:					REVISION:
14740_LW_DEF_EXG_Q1000_M(LW)/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

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

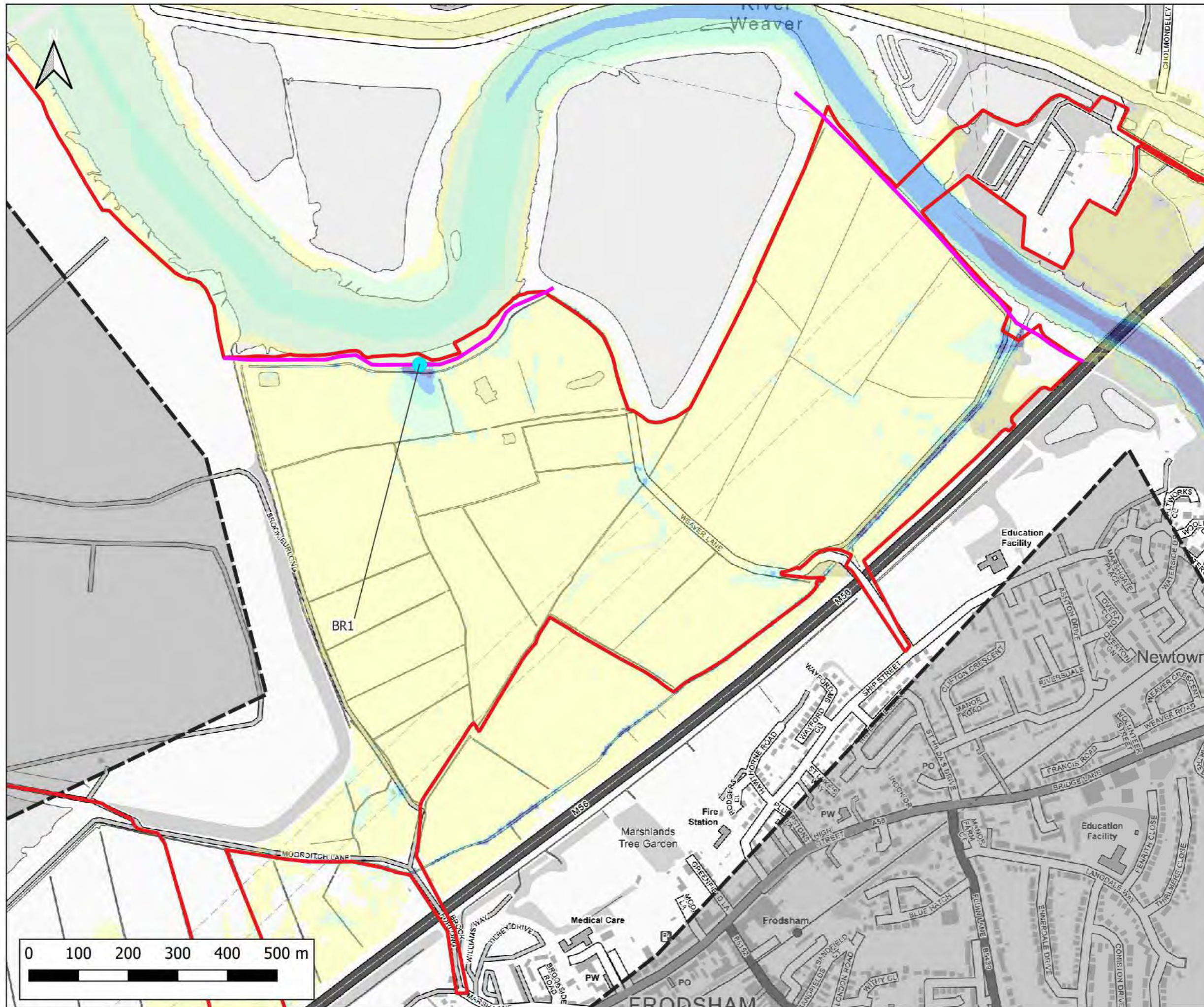
PLOT TITLE:

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

PLOT STATUS:			DATE:
FINAL			30-04-2025

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

PLOT NAME:	REVISION:
14740_LIW_DEF_DEV_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

Weston
3
12
River Weaver
East
FRODSHAM

CLIENT:
Frodsham Solar Ltd

waterco
www.waterco.co.uk

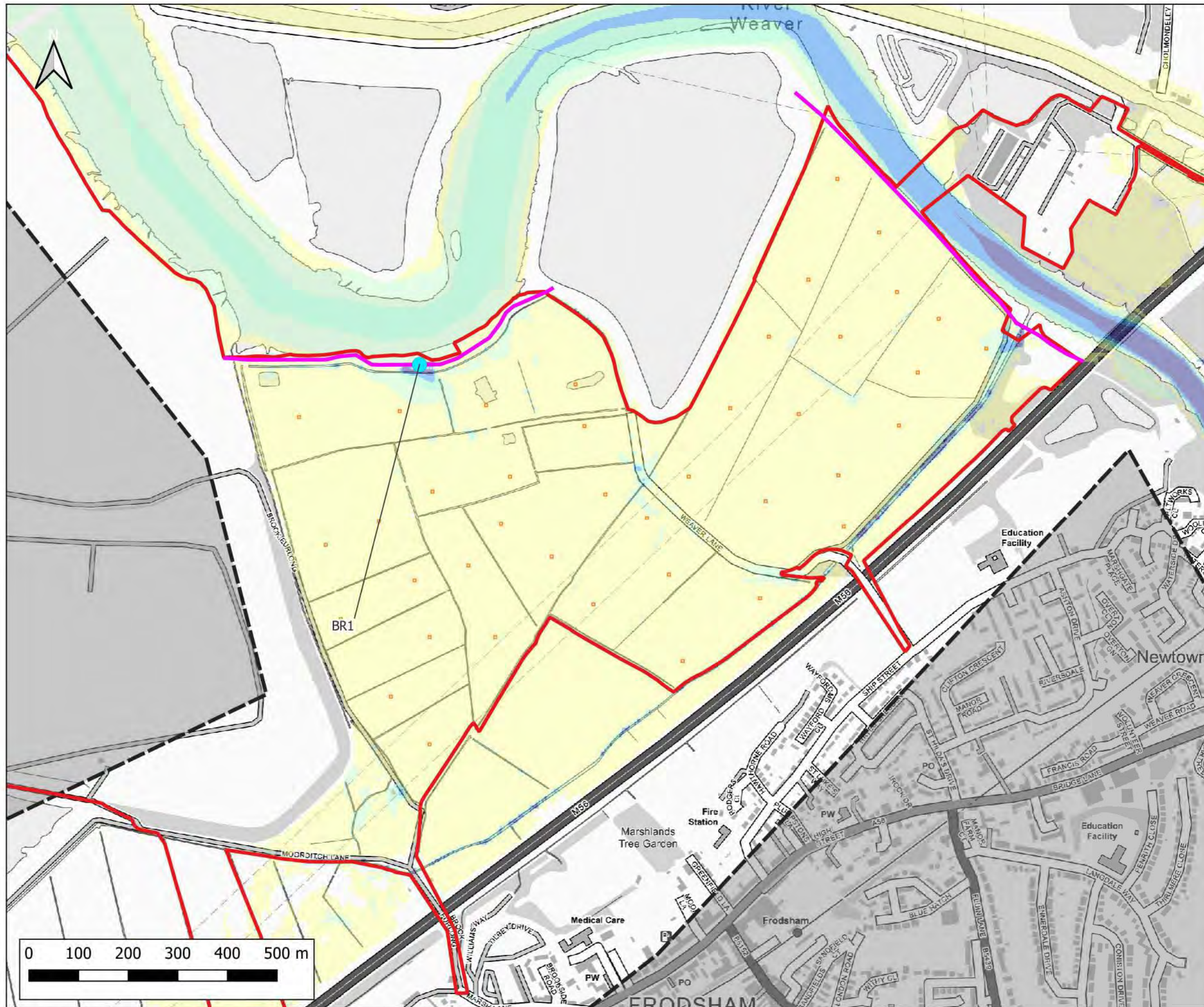
SCHEME:
Frodsham Solar

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

PLOT STATUS: **FINAL** DATE: **30-04-2025**

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

PLOT NAME: 14740_LW_BR1_EXG_Q180CC67_M(L)W_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
- Proposed Volume Displacement
- 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:

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SCHEME:

Frodsham Solar

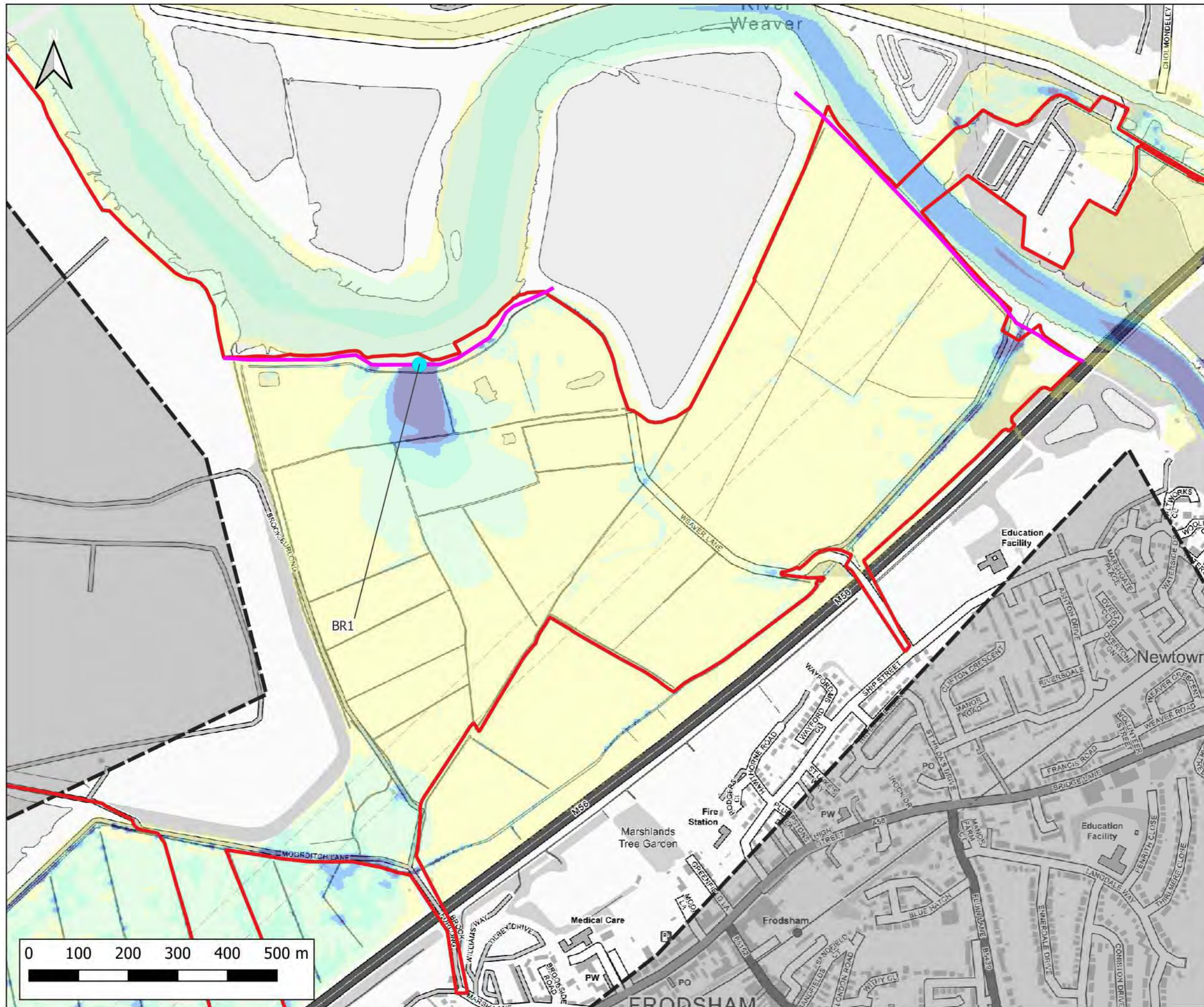
PLOT TITLE:

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

PLOT STATUS:		DATE:	
FINAL		30-04-2025	

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

PLOT NAME:	REVISION:
14740_LW_BR1_DEV2_Q100CG7_M(L)W_M(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 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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www.waterco.co.uk

SCHEME:

Frodsham Solar

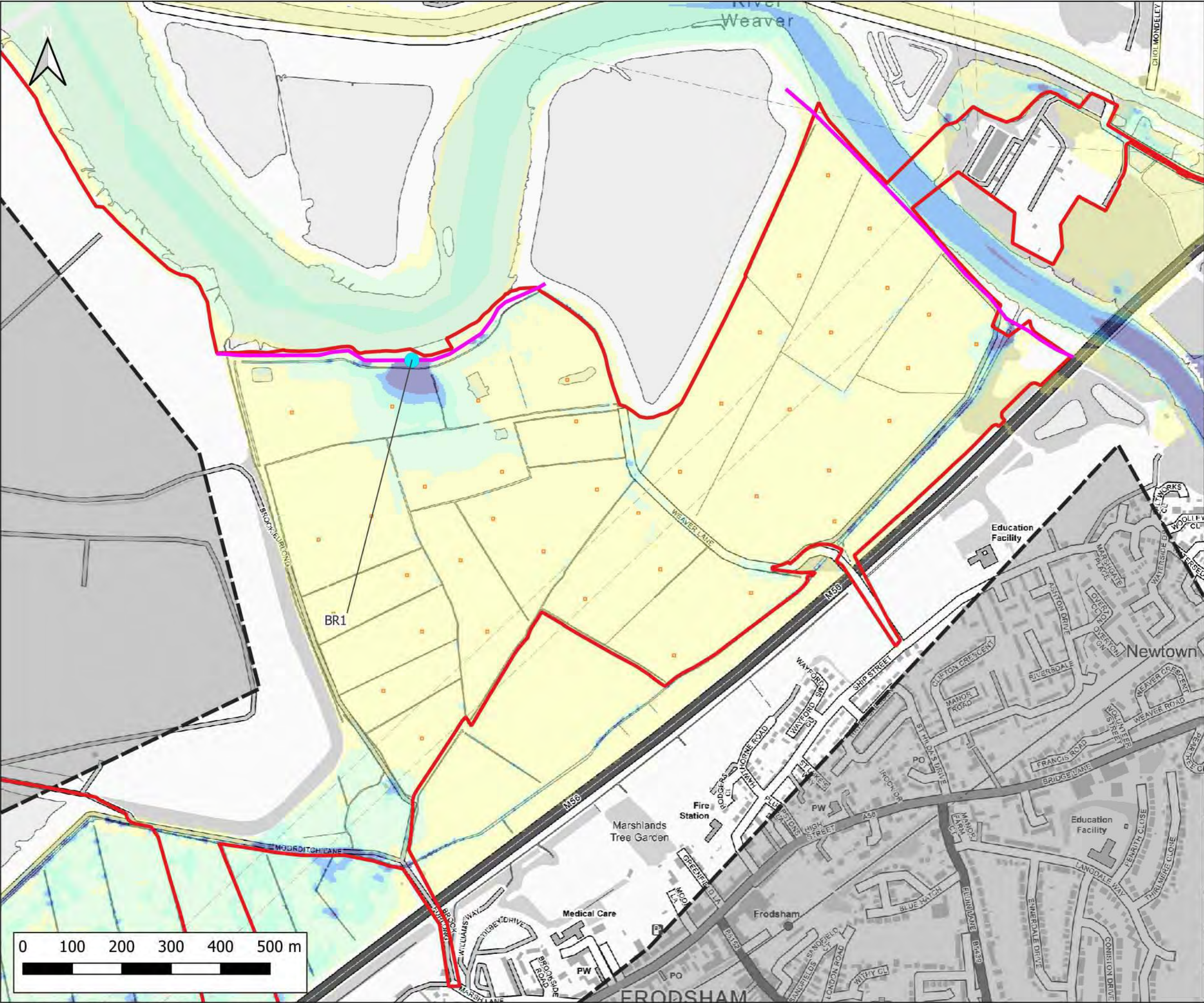
PLOT TITLE:

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

PLOT STATUS:			DATE:
FINAL			30-04-2025

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

PLOT NAME:	REVISION:
14740_LW_BR1_EXG_Q100CC67_MLOWL_MF(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
- 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



Frodsham Solar Ltd



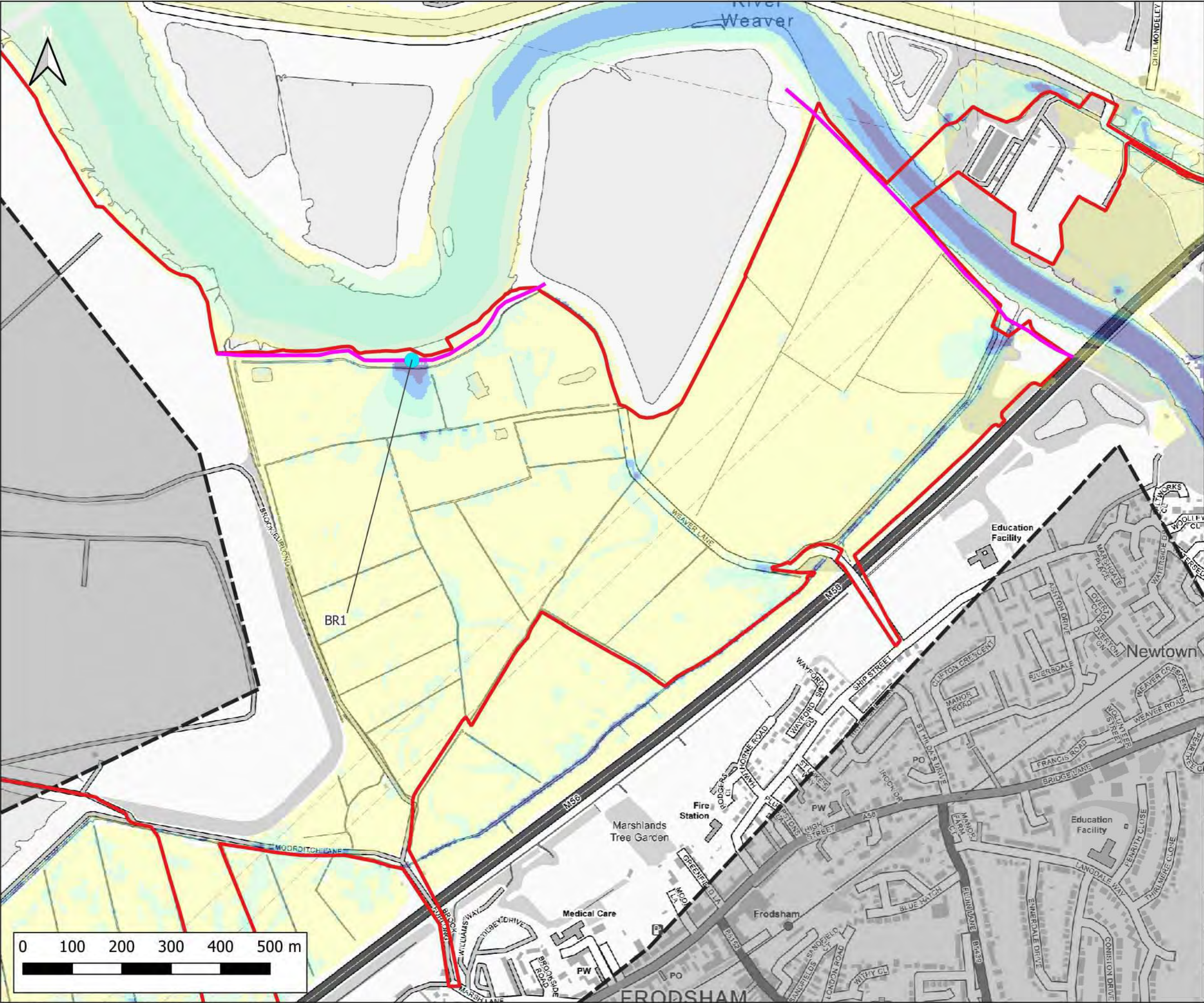
Frodsham Solar

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: FINAL DATE: 30-04-2025

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

PLOT NAME: 14740_LW_BR1_DEV2_Q100CC67_M(LDW)_NE(T200HC_2075UE)_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
- 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

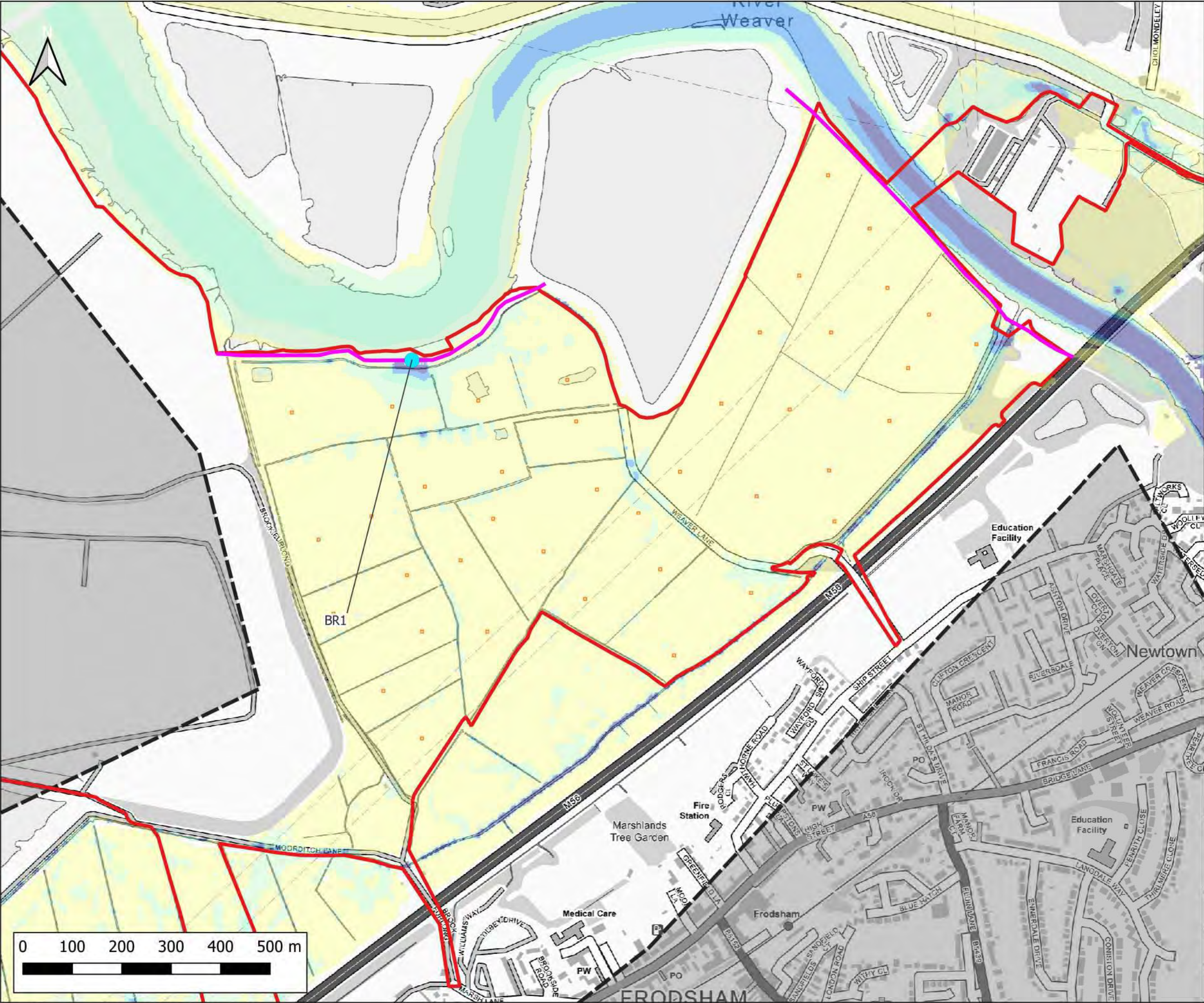
PLOT TITLE:

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

PLOT STATUS:			DATE:
FINAL			30-04-2025

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

PLOT NAME:	REVISION:
14740_LW_BR1_EXG_Q100CC105_M(L0W)_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
- 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

Weston

3

12

East

FRODSHAM

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 1 Proposed Development Scenario (DEV)

PLOT STATUS:		DATE:	
FINAL		30-04-2025	

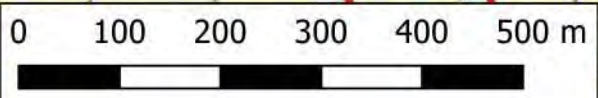
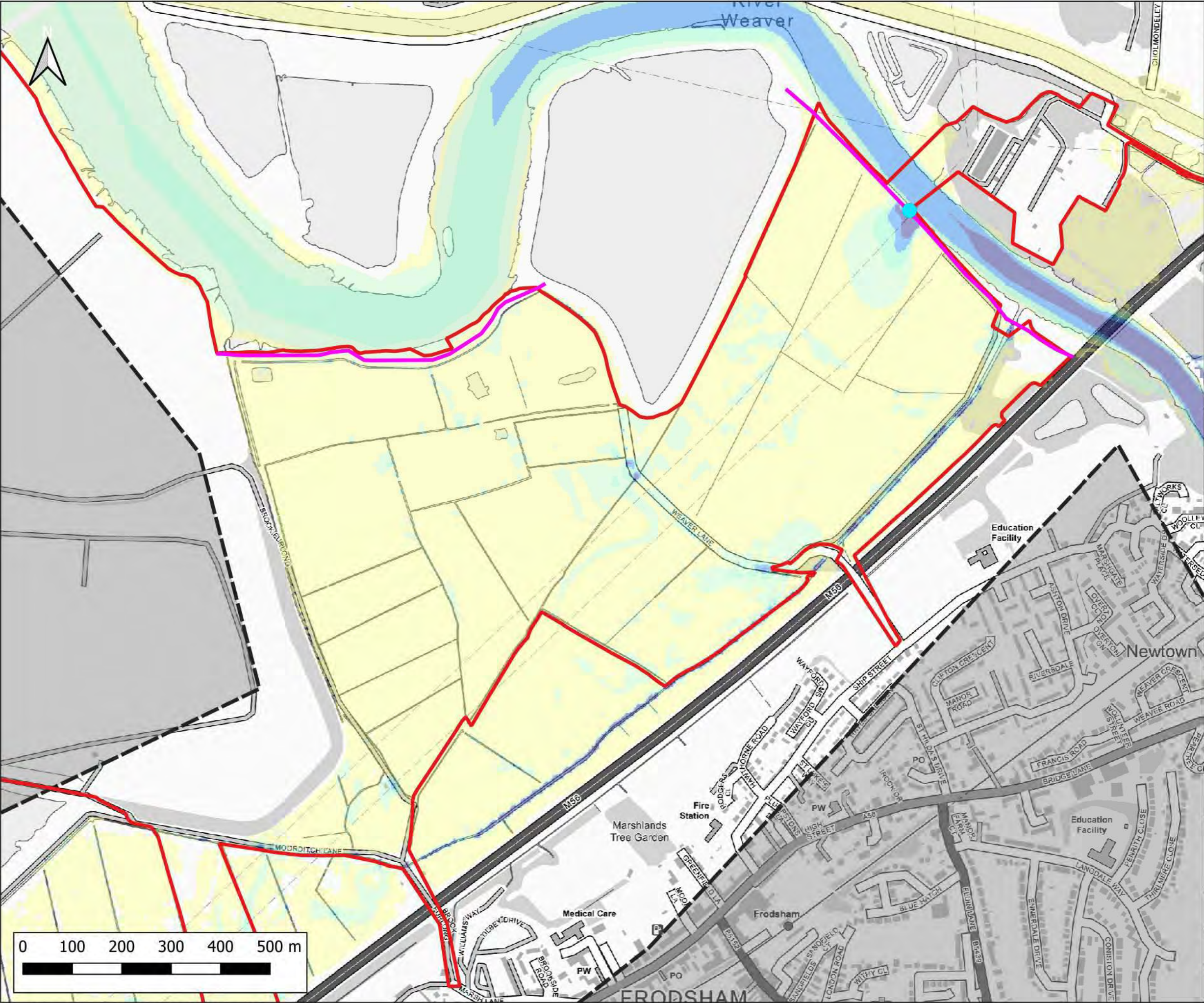
DRAWN:	CHECKED:	APPROVED:	PLOT SCALE AT A3:
MH	AP	LS	1:7500

PLOT NAME:

14749_LW_BR1_DEV2_Q100CC106_M(LW)_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
- 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
3
12
River Weaver
East
FRODSHAM

CLIENT:

Frodsham Solar Ltd

waterco
 www.waterco.co.uk

SCHEME:

Frodsham Solar

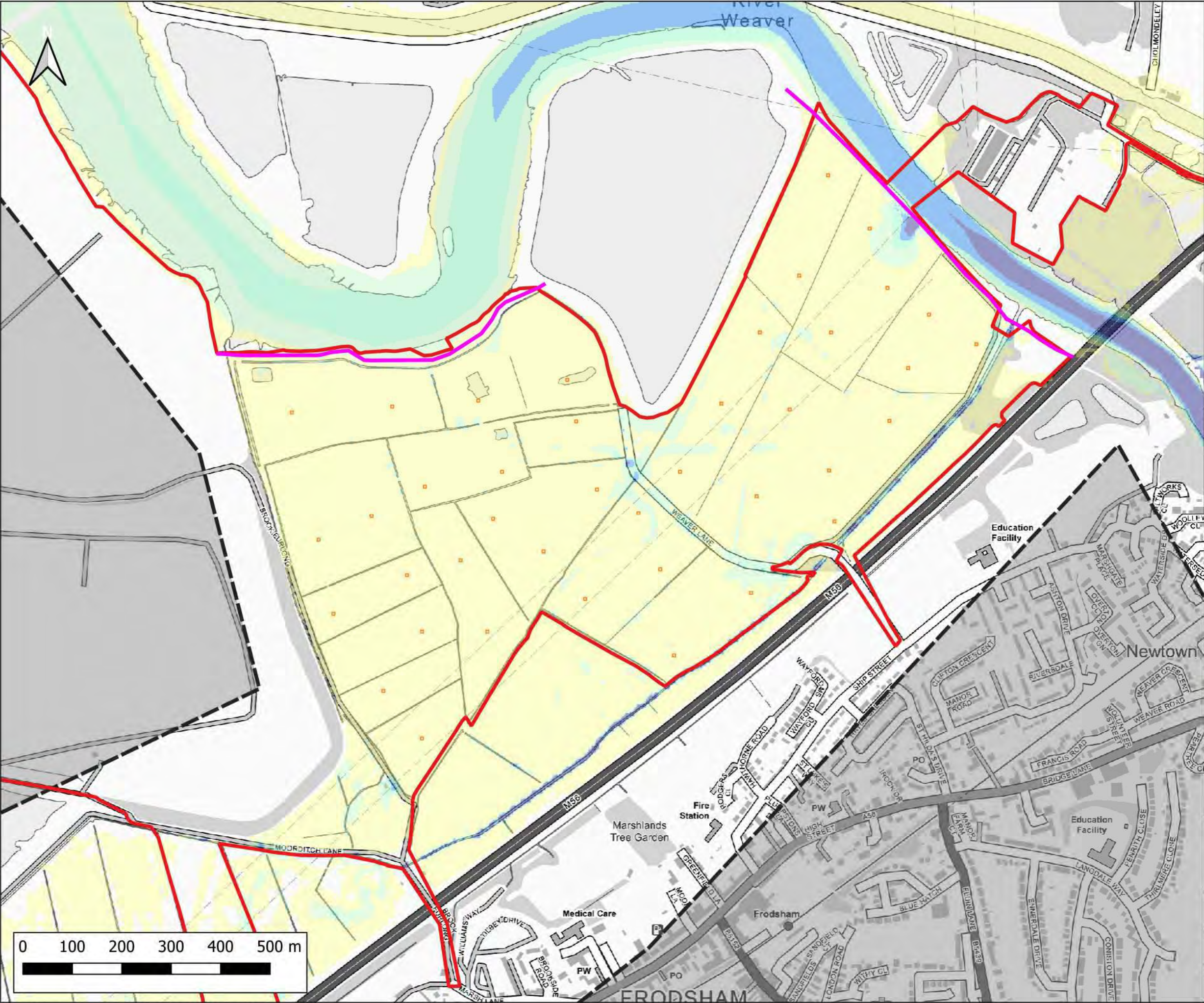
PLOT TITLE:

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

PLOT STATUS:		DATE:	
FINAL		30-04-2025	

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

PLOT NAME:	REVISION:
14740_LW_BR2_EXG_Q180CC67_M(LW)_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

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

CLIENT:
Frodsham Solar Ltd

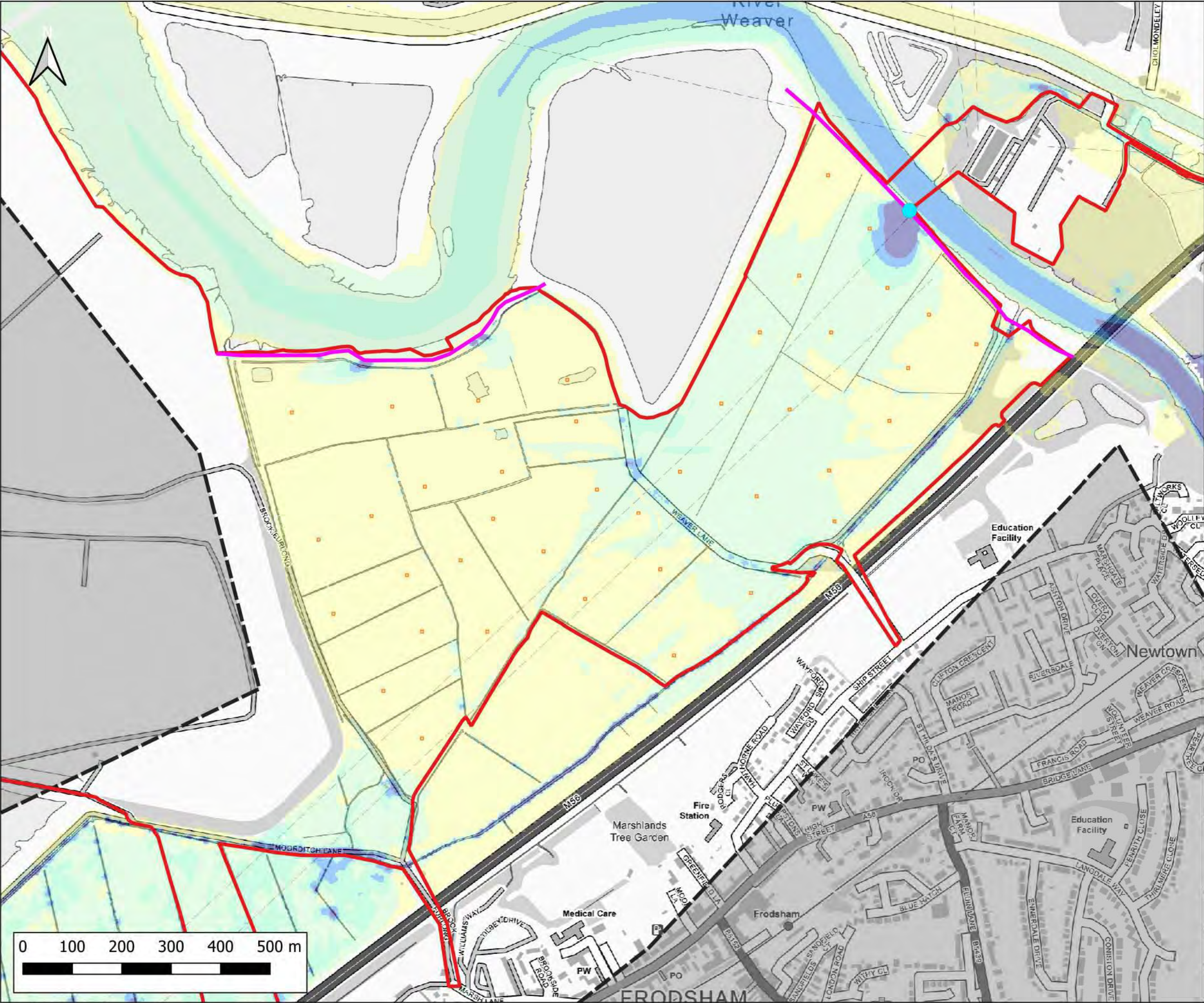
waterco
www.waterco.co.uk

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: FINAL		DATE: 30-04-2025
DRAWN: MH	CHECKED: AP	APPROVED: LS
PLOT NAME: 14740_LW_BR2_DEV2_Q100CG7_M(L)W_M(MHWS)CC_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
- Proposed Volume Displacement
- 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

SCHEME:

Frodsham Solar

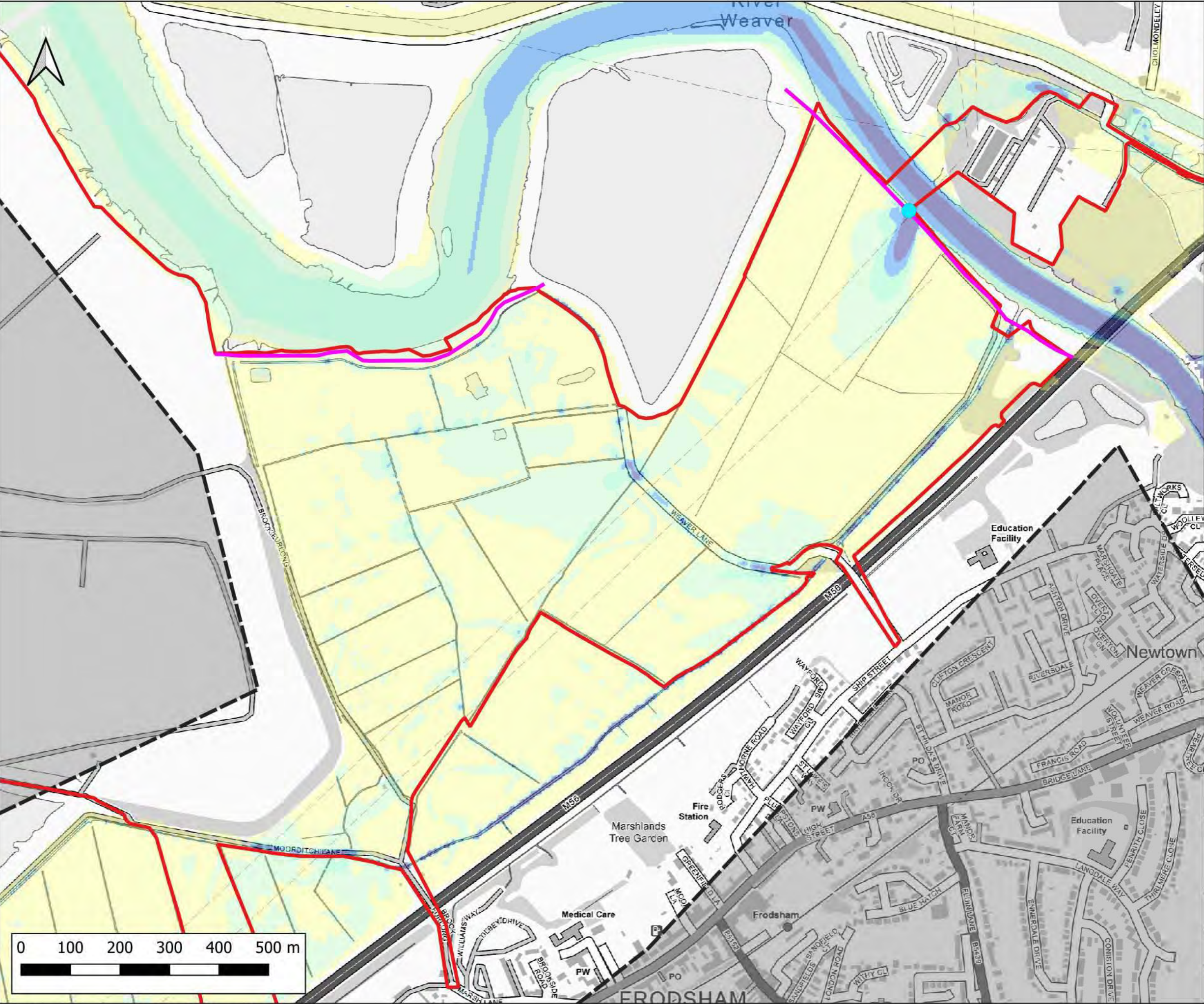
PLOT TITLE:

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			30-04-2025

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

PLOT NAME:	REVISION:
14740_LW_BR2_DEV2_Q100CC67_M(LDW)_NE(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

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 +106% CC Fluvial Event
 MWHS +CC Tidal Event
 Breach 2 Existing Scenario (EXG)

PLOT STATUS:		DATE:	
FINAL		30-04-2025	

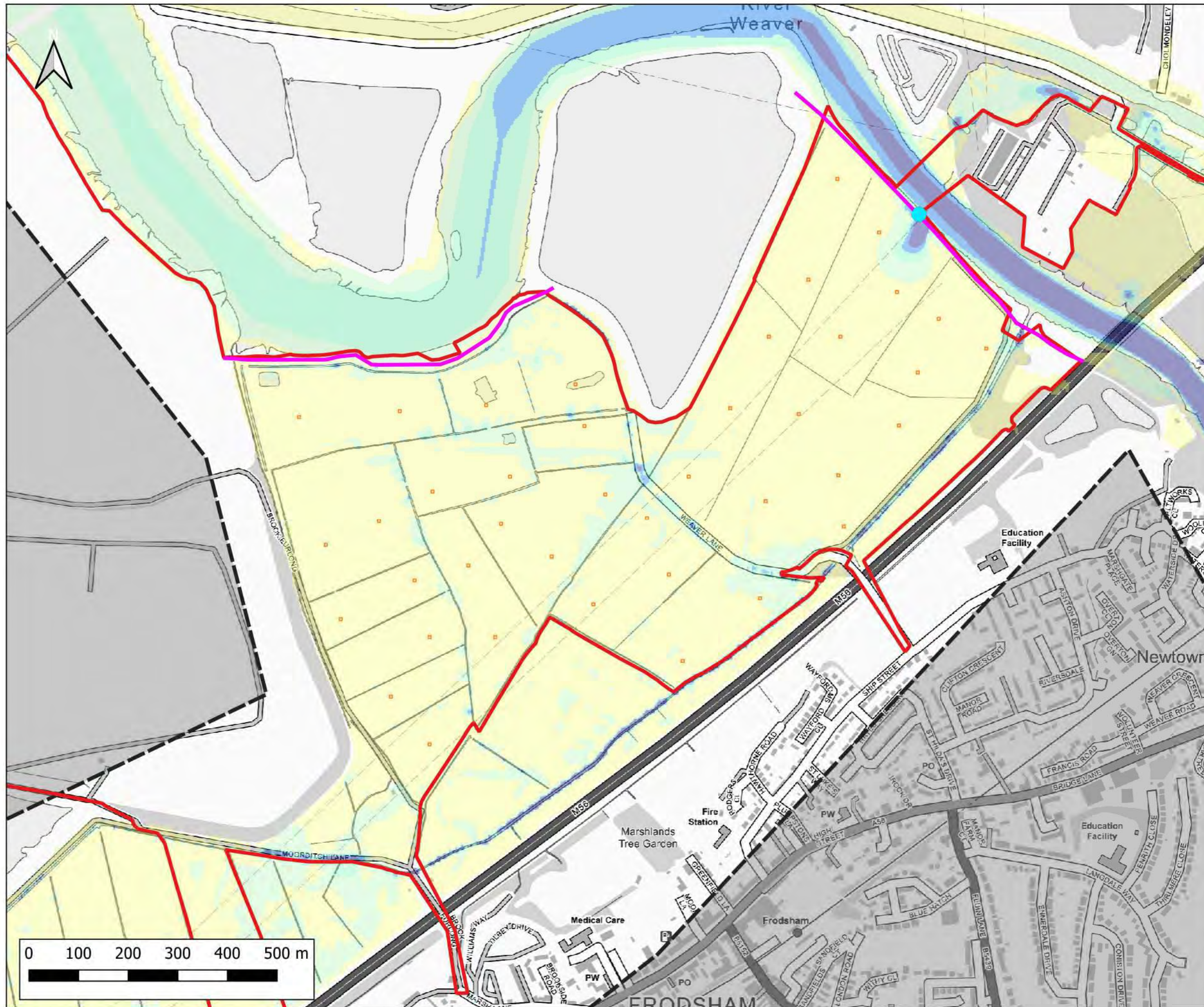
DRAWN:	CHECKED:	APPROVED:	PLOT SCALE AT A3:
MH	AP	LS	1:7500

PLOT NAME:

14740_LW_BR2_EXG_Q100CC105_M(L)0W_ME(MHWS)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
- 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
3
12
River Weaver
East
FRODSHAM

CLIENT:

Frodsham Solar Ltd

waterco
www.waterco.co.uk

SCHEME:

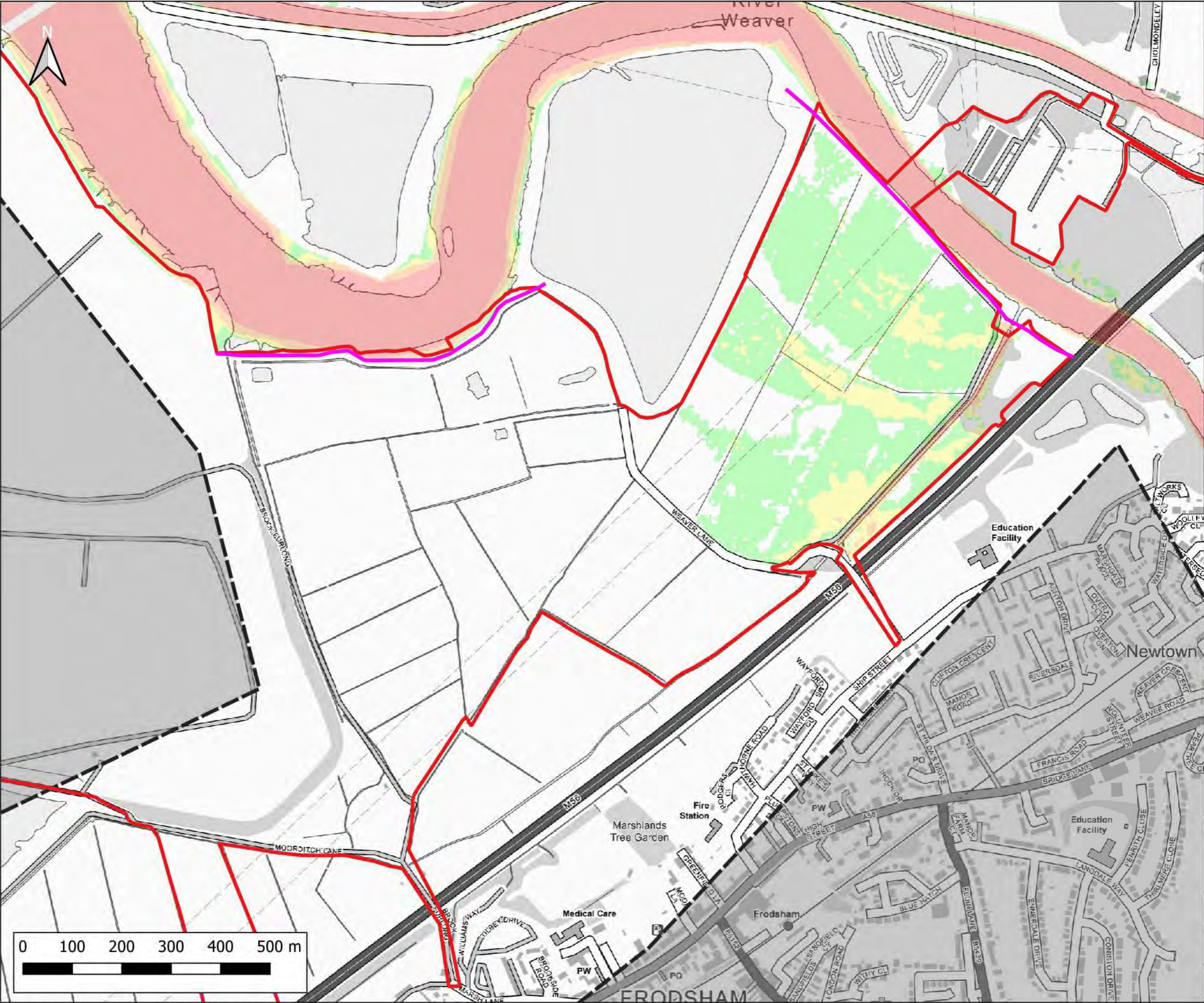
Frodsham Solar

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

PLOT STATUS: FINAL DATE: 30-04-2025

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

PLOT NAME: 14749_LW_BR2_DEV2_Q100CC106_M(LW)_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

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

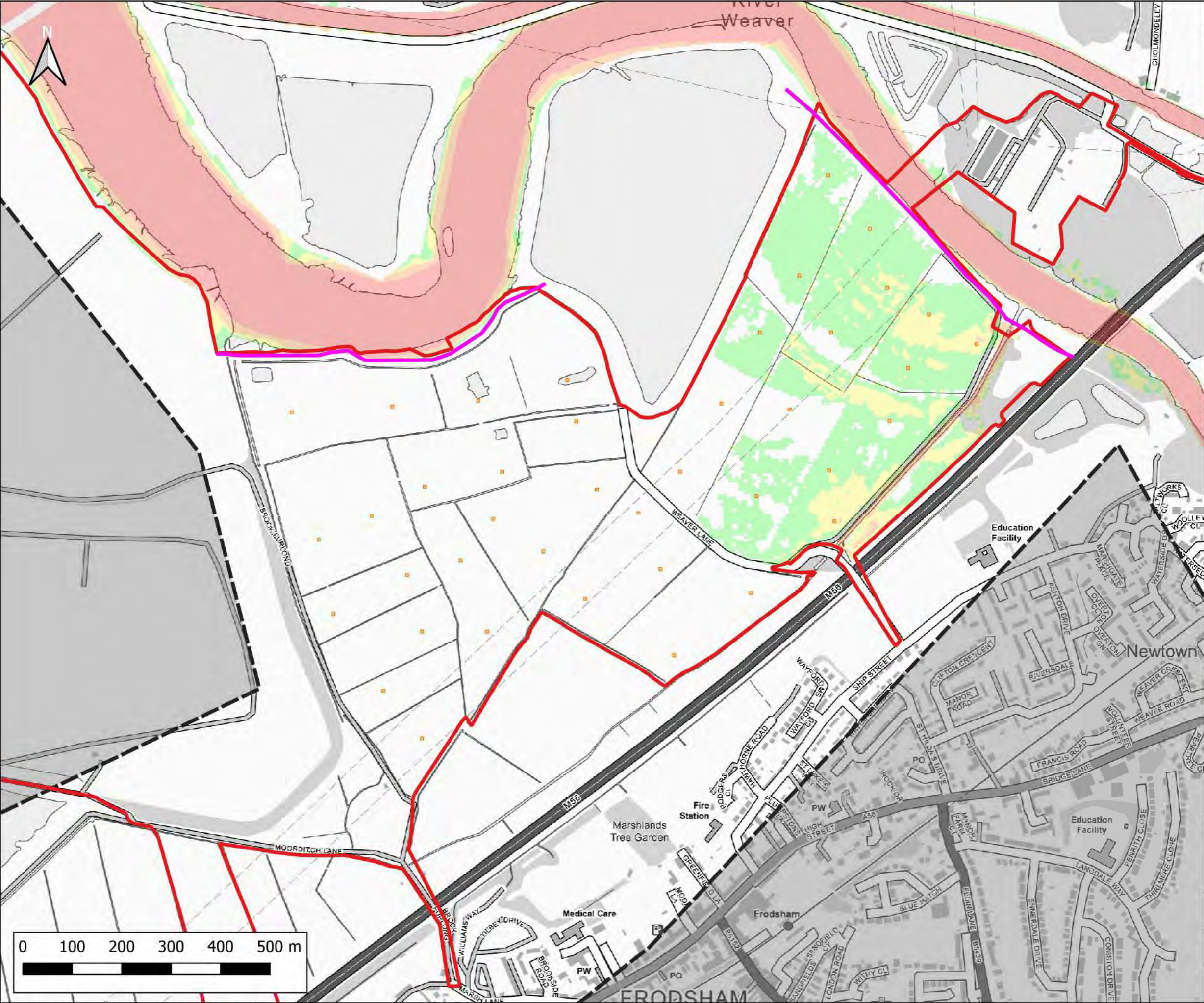
PLOT TITLE:

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

PLOT STATUS:			DATE:
FINAL			30-04-2025

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

PLOT NAME:	REVISION:
14746_LW_DEF_EXG_Q100_M(LDW)_NE(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

Maximum Flood Hazard Rating (FD2320)

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

Weston
Frodsham

CLIENT:
Frodsham Solar Ltd

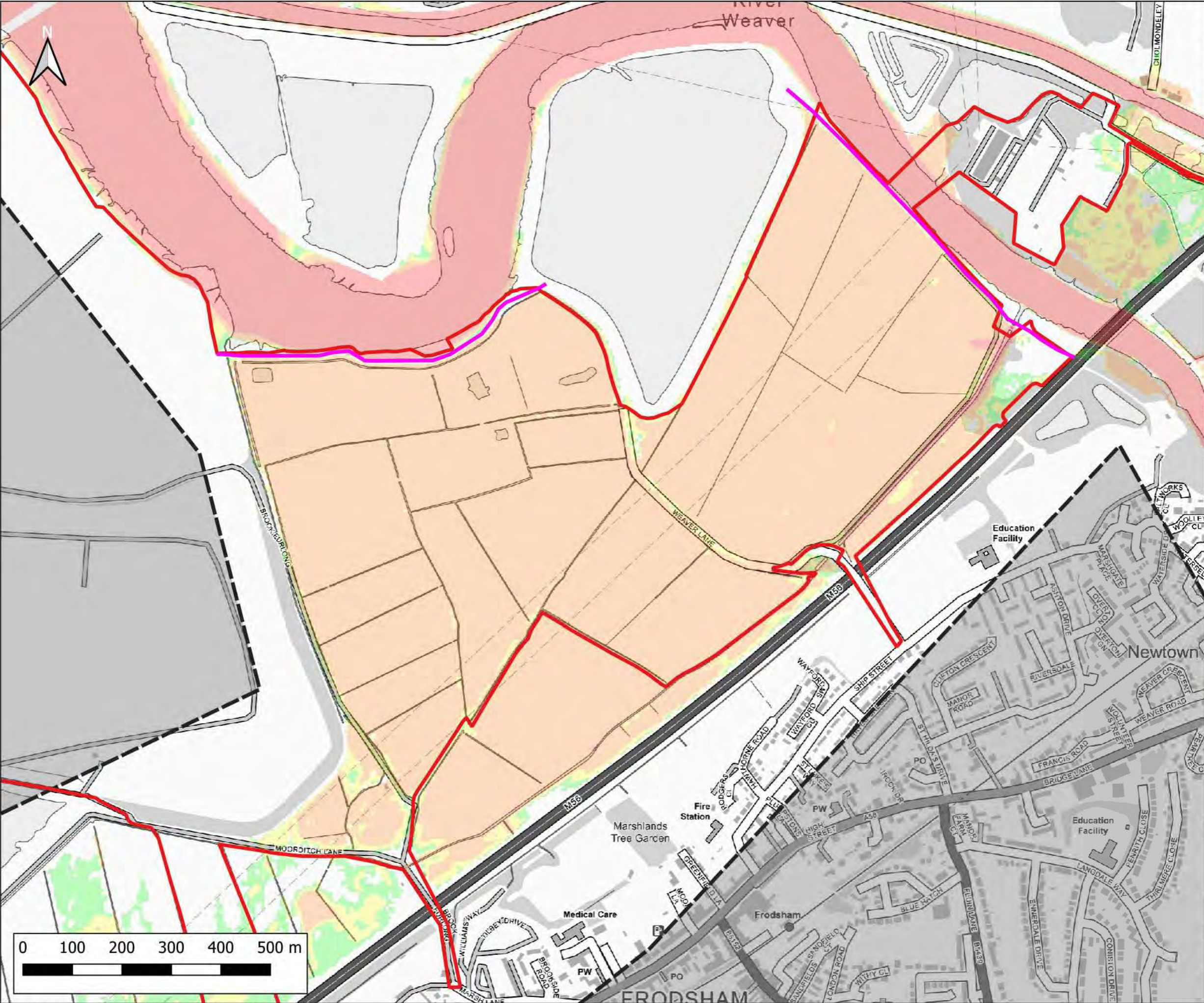
waterco
www.waterco.co.uk

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: FINAL		DATE: 30-04-2025
DRAWN: MH	CHECKED: AP	APPROVED: LS
PLOT NAME: 14740_LW_Def_DEV2_Q100_M(Low)_IE(MHWS)_052_ZUK2_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 Hazard Rating (FD2320)

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

CLIENT:

Frodsham Solar Ltd

www.waterco.co.uk

SCHEME:

Frodsham Solar

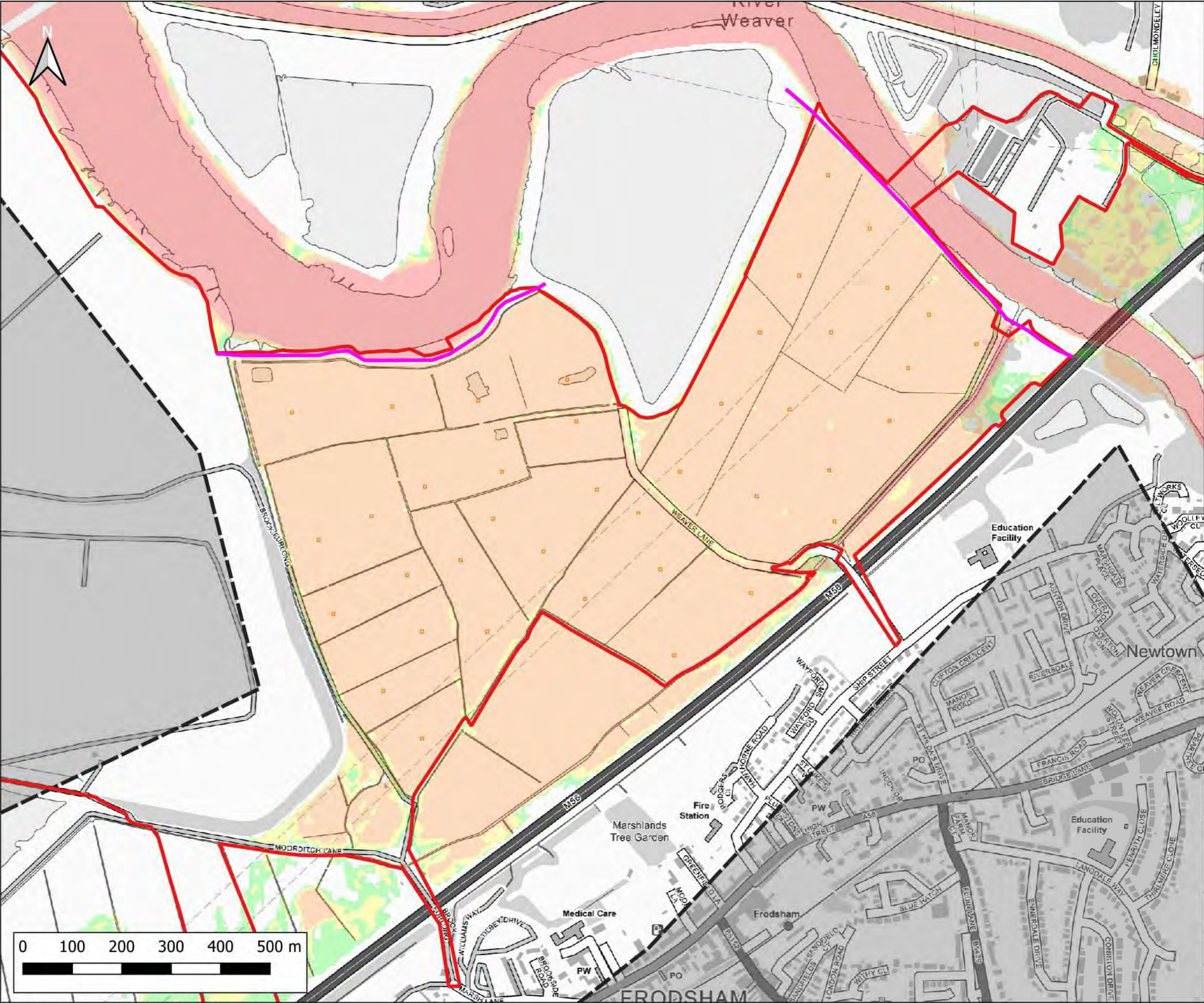
PLOT TITLE:

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

PLOT STATUS:		DATE:	
FINAL		30-04-2025	

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

PLOT NAME:	REVISION:
14740_LW_Def_EXG_Q100C067_M(L0W)_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

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:

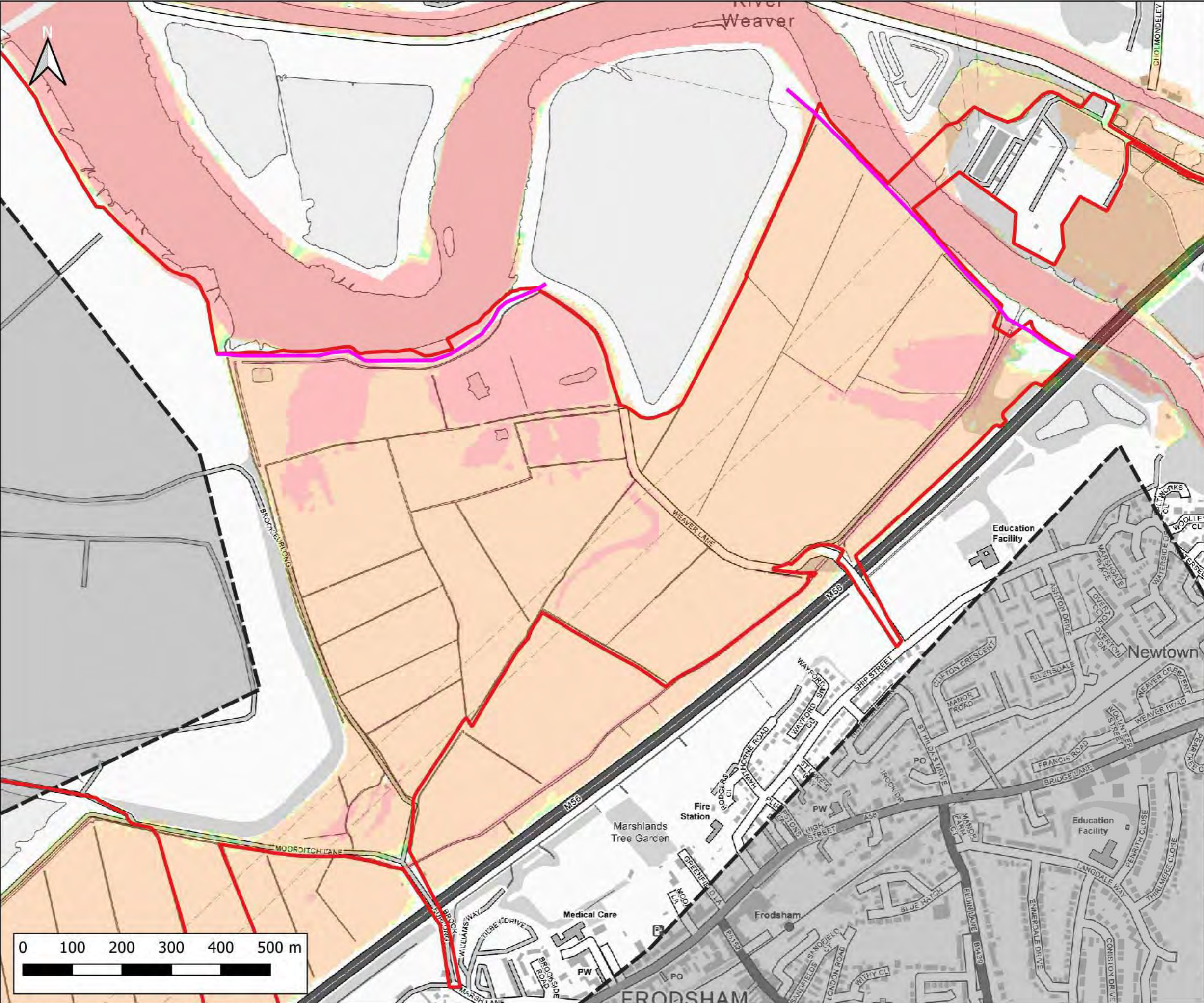
Frodsham Solar

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

PLOT STATUS: FINAL DATE: 30-04-2025

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

PLOT NAME: 14740_LW_DEF_DEV2_0100CC67_M(LOW)_ME(MHWS)_052_ZUK2_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 Hazard Rating (FD2320)

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

CLIENT:

Frodsham Solar Ltd

www.waterco.co.uk

SCHEME:

Frodsham Solar

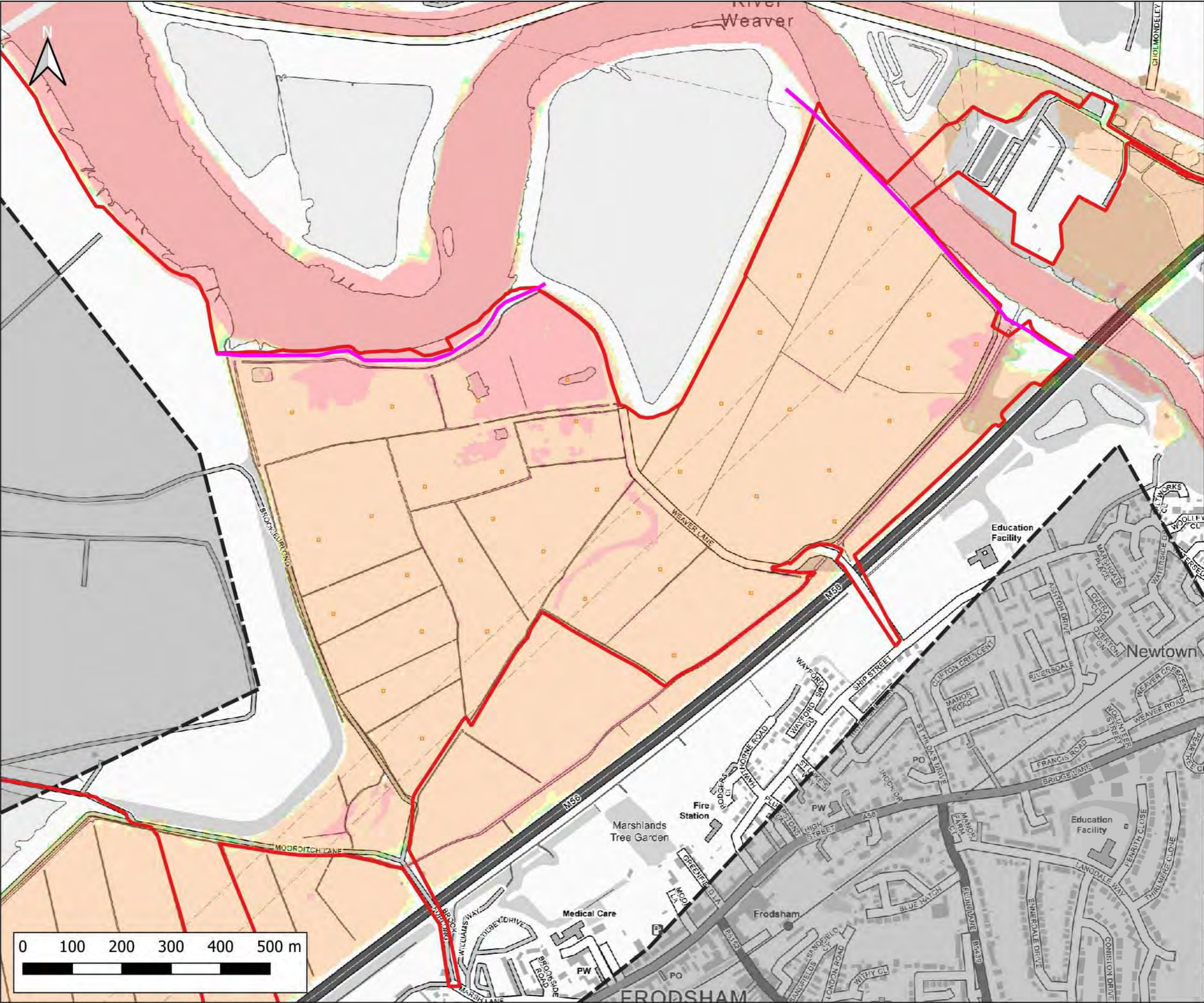
PLOT TITLE:

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			30-04-2025

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

PLOT NAME:	REVISION:
14740_LW_DEF_EXG_Q100CG2_M(LW).MEF(200HC_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

Maximum Flood Hazard Rating (FD2320)

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

CLIENT:

Frodsham Solar Ltd

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SCHEME:

Frodsham Solar

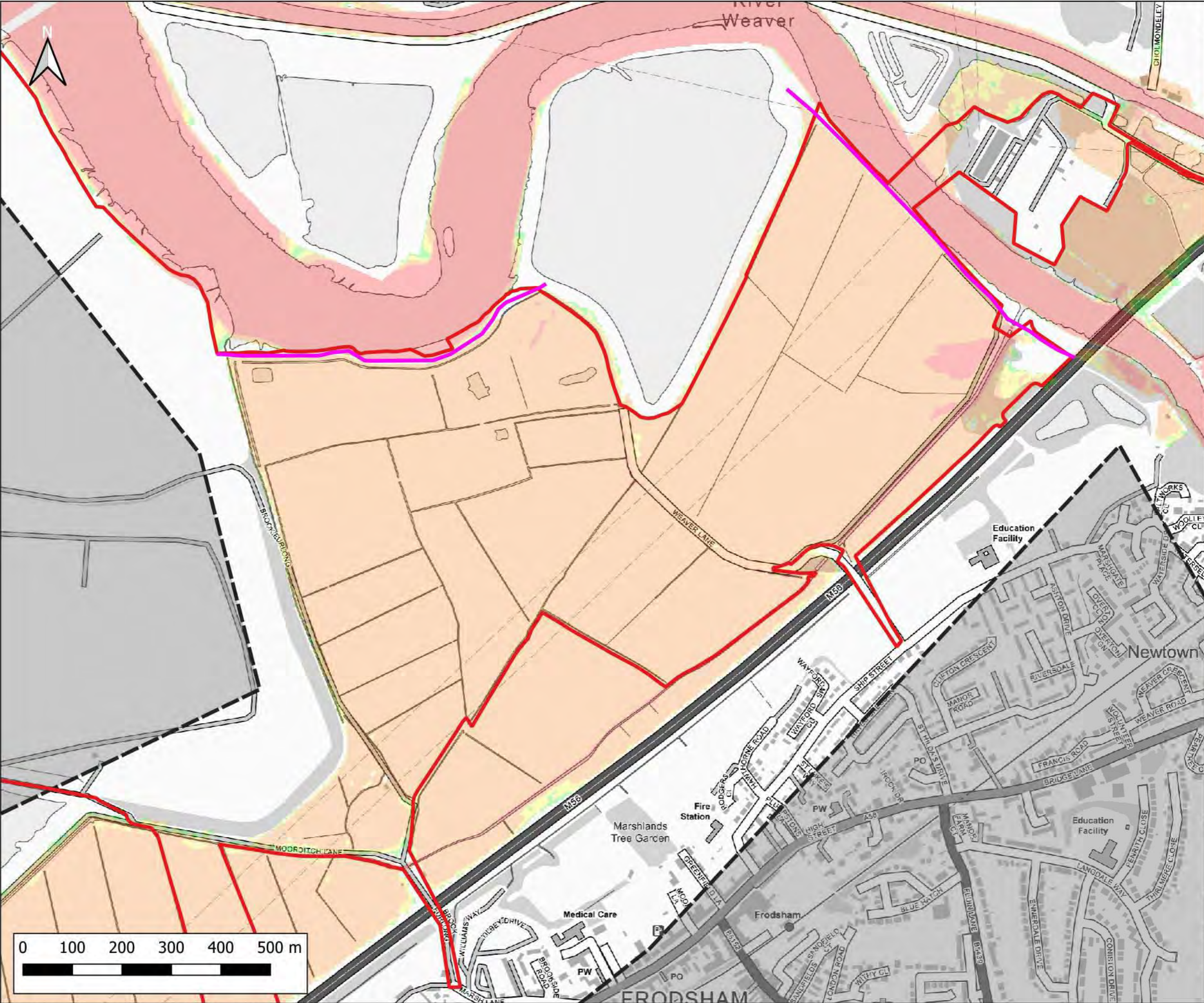
PLOT TITLE:

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			30-04-2025

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

PLOT NAME:	REVISION:
14746_LW_DEF_DEV2_Q100CC67_M(LOW)_ME(200HC_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

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SCHEME:

Frodsham Solar

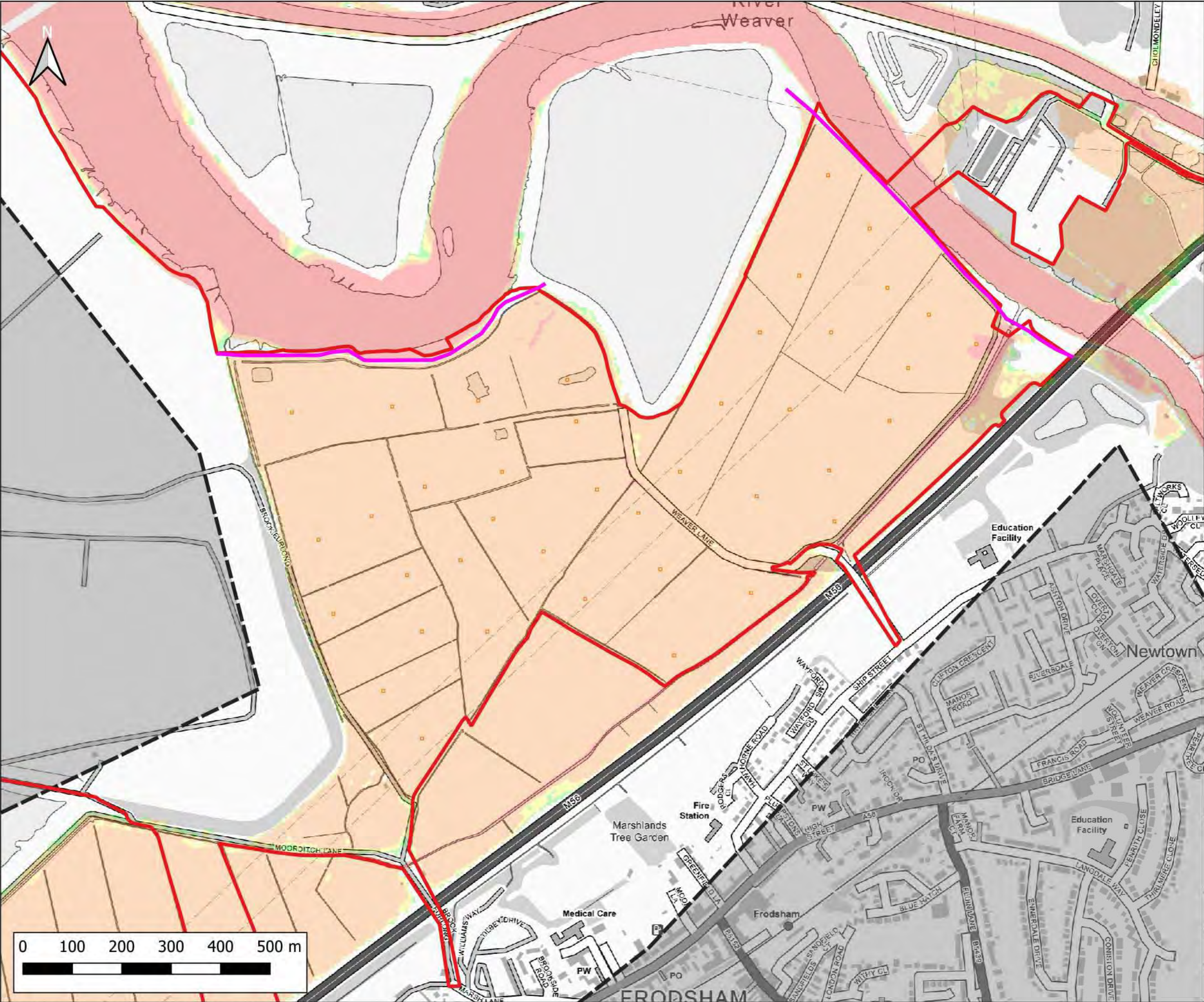
PLOT TITLE:

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

PLOT STATUS:		DATE:	
FINAL		30-04-2025	

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

PLOT NAME:	REVISION:
14740_LW_DEF_EXG_Q100CC106_M(LOW)_ME(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
- Proposed Volume Displacement

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

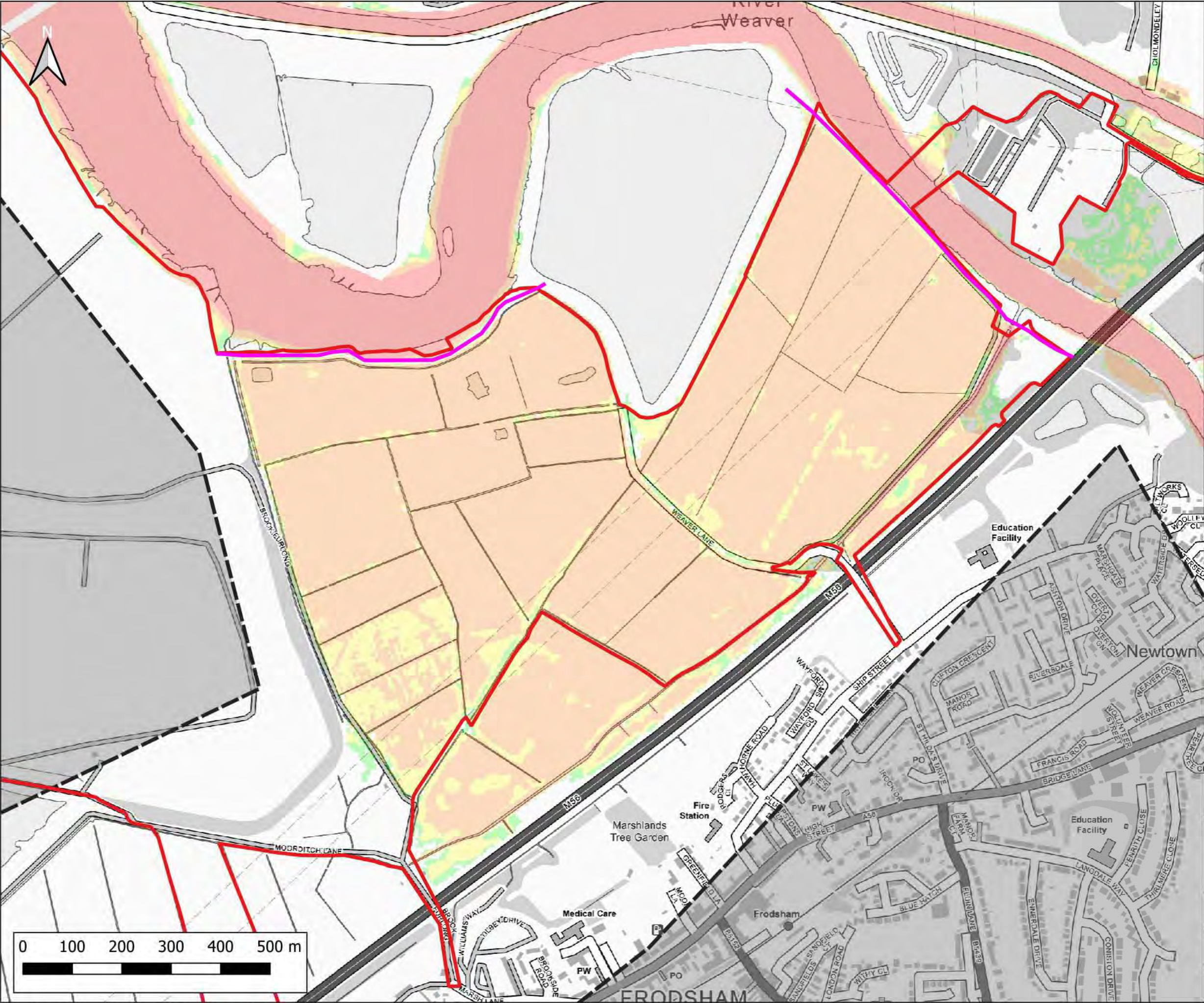
waterco
www.waterco.co.uk

SCHEME:
Frodsham Solar

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

PLOT STATUS: FINAL		DATE: 30-04-2025
DRAWN: MH	CHECKED: AP	APPROVED: LS
PLOT NAME: 14740_LW_DEF_DEV2_Q100CC106_M(L0W)_ME(MHWS)_052_ZUK2_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 Hazard Rating (FD2320)

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

CLIENT:

Frodsham Solar Ltd

www.waterco.co.uk

SCHEME:

Frodsham Solar

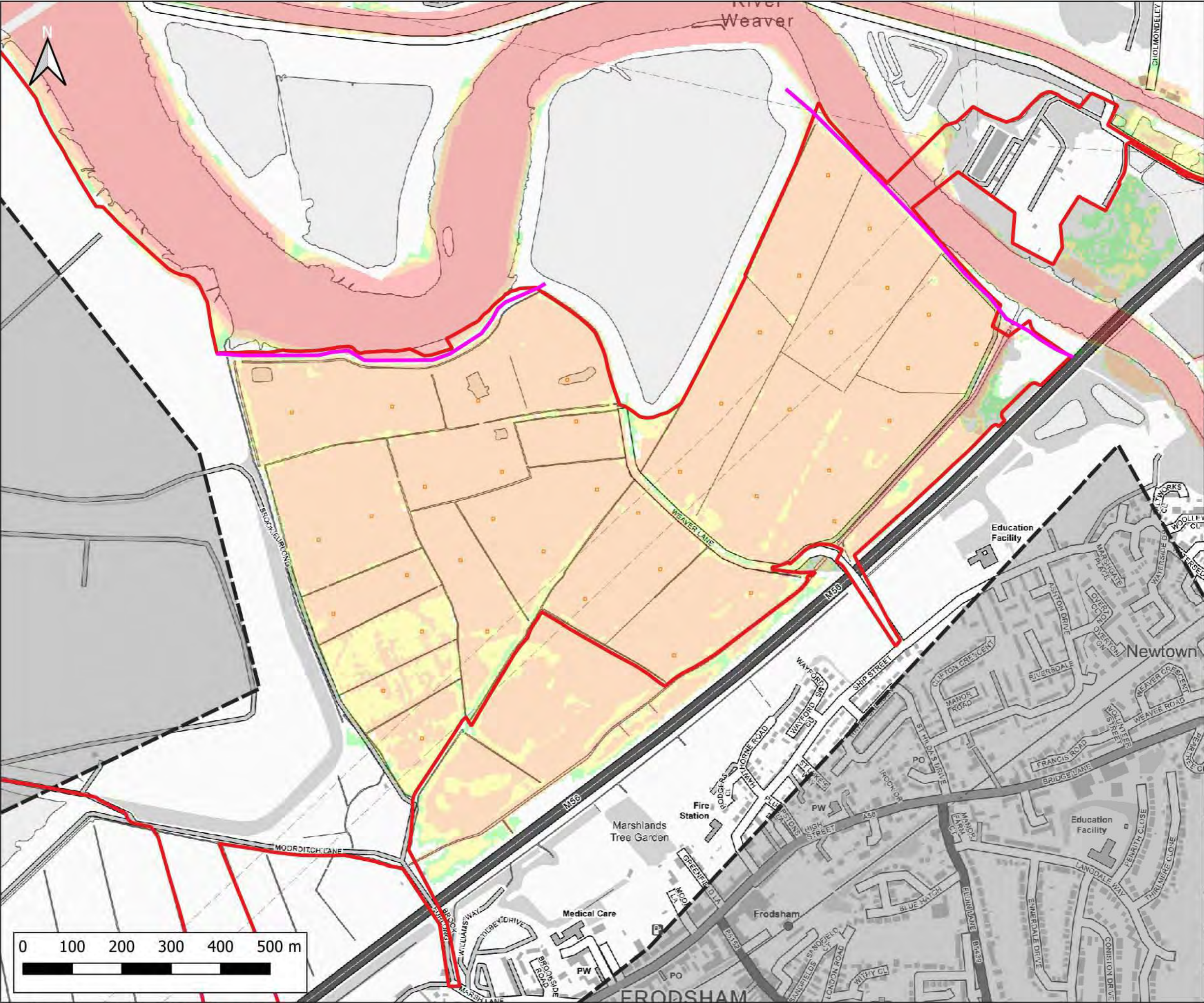
PLOT TITLE:

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

PLOT STATUS:		DATE:	
FINAL		30-04-2025	

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

PLOT NAME:	REVISION:
14740_LW_DEF_EXG_Q1000_M(LOW)_FE(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

Maximum Flood Hazard Rating (FD2320)

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

CLIENT:

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SCHEME:

Frodsham Solar

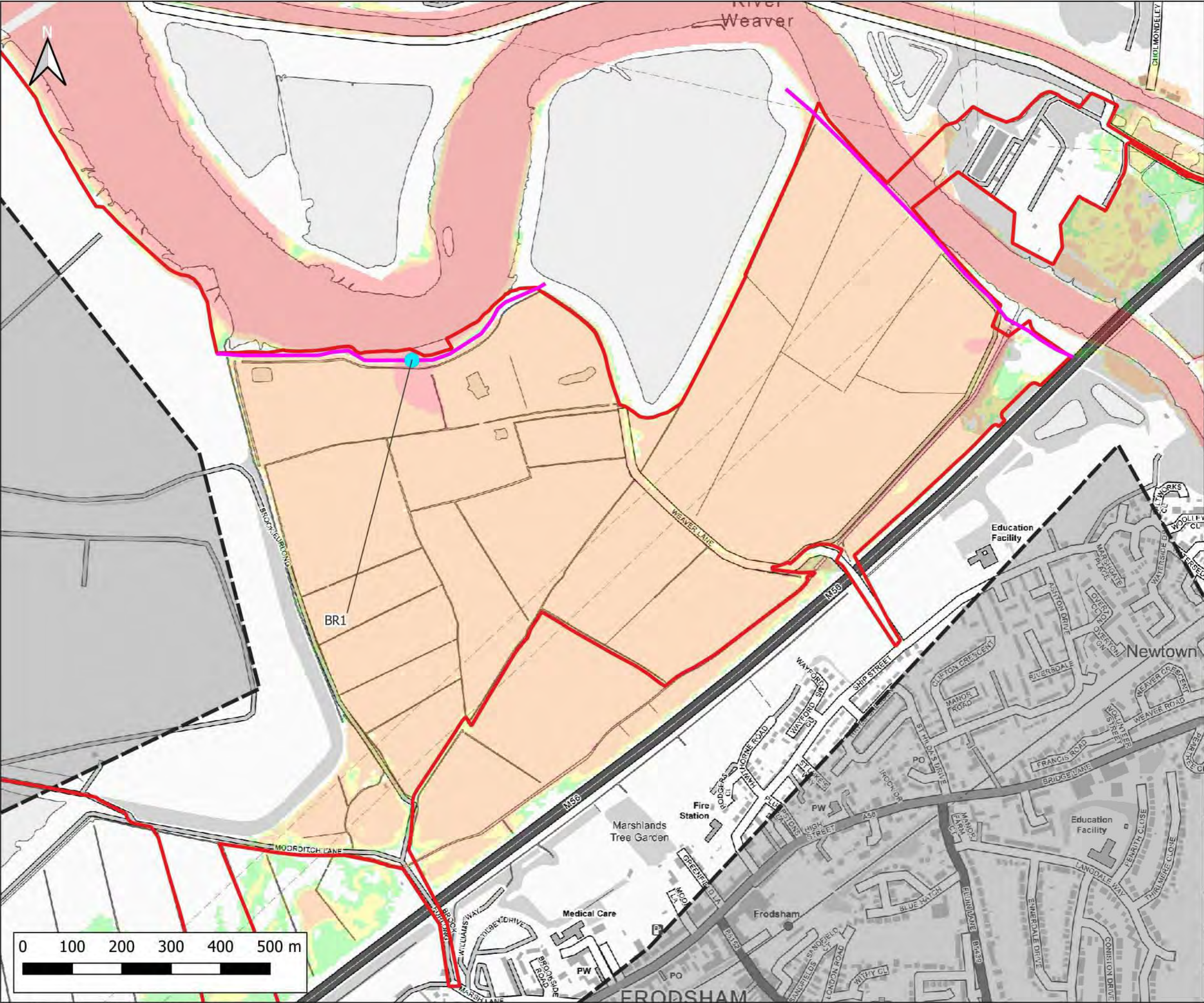
PLOT TITLE:

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

PLOT STATUS:			DATE:
FINAL			30-04-2025

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

PLOT NAME:	REVISION:
14740_LW_DEF_DEV2_Q1000_M(LOW)_HE(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:

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www.waterco.co.uk

SCHEME:

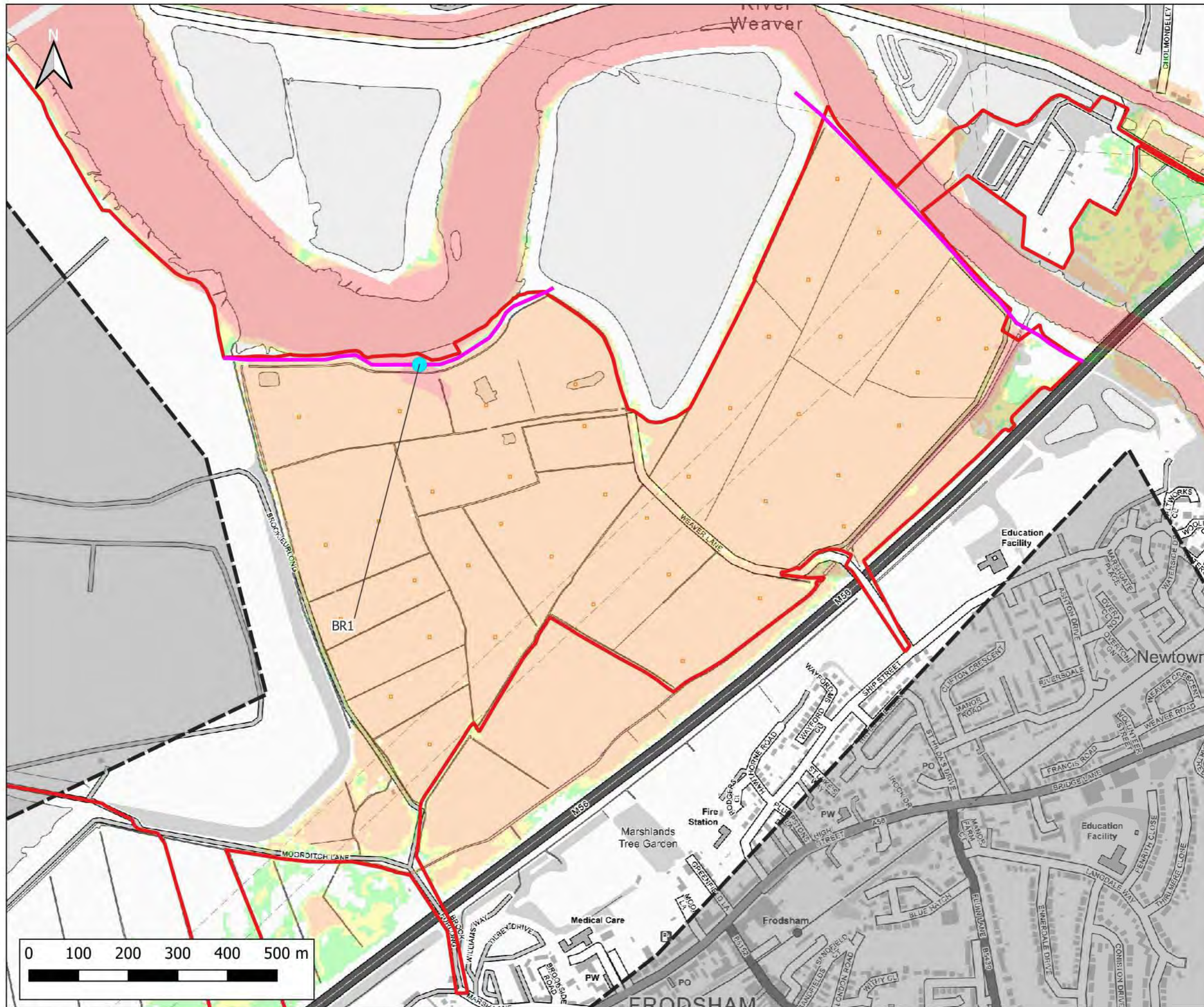
Frodsham Solar

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			30-04-2025

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

PLOT NAME:	REVISION:
14740_LW_BR1_EXG_Q100C067_M(L0W)_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
- Breach 1 Location (BR1)

Maximum Flood Hazard Rating (FD2320)

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

CLIENT:

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SCHEME:

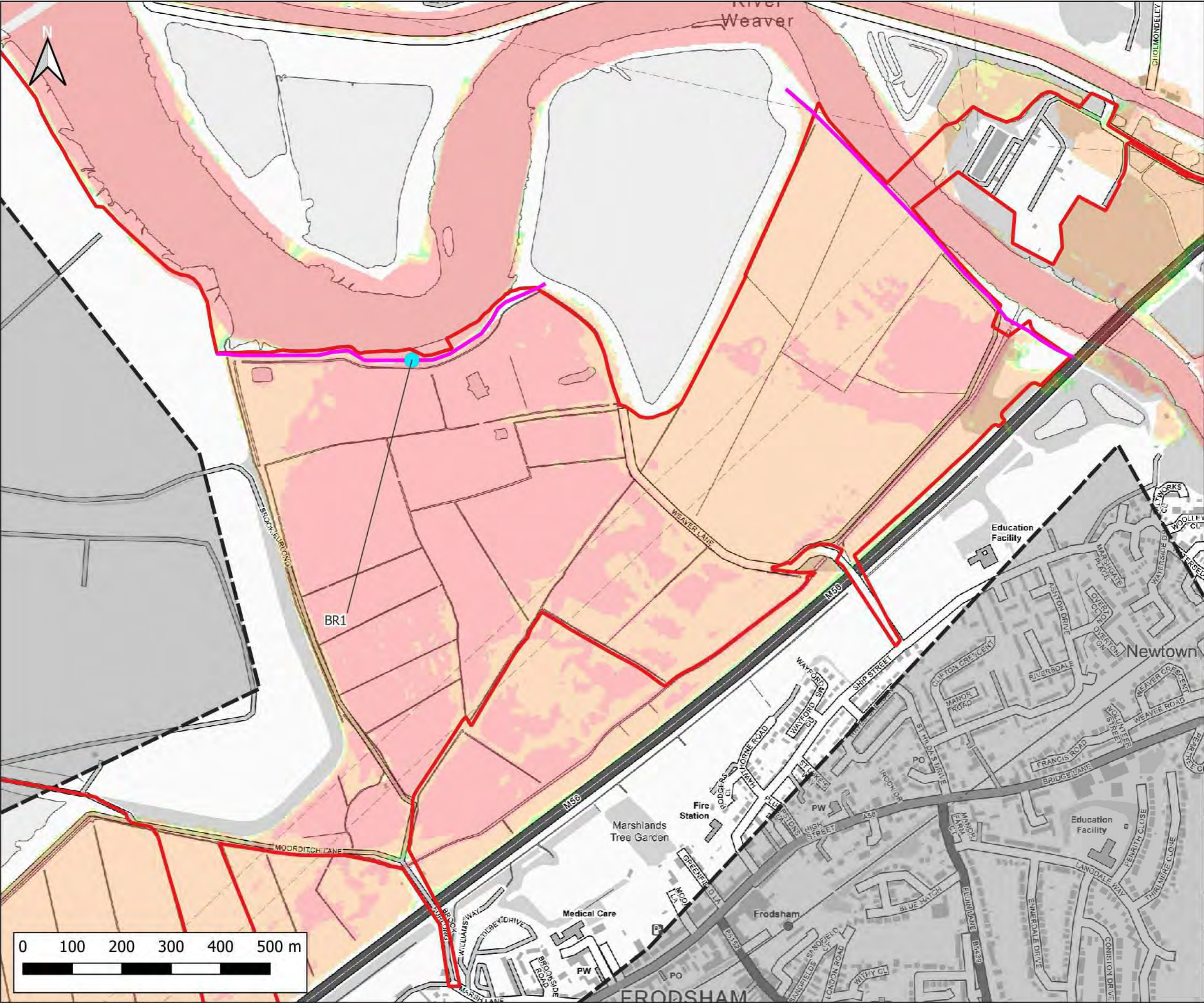
Frodsham Solar

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		30-04-2025	

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

PLOT NAME:	REVISION:
14740_LW_BR1_DEV2_0100CC67_M(LW).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



Frodsham Solar Ltd



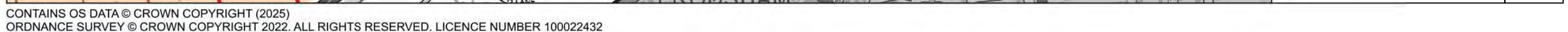
Frodsham Solar

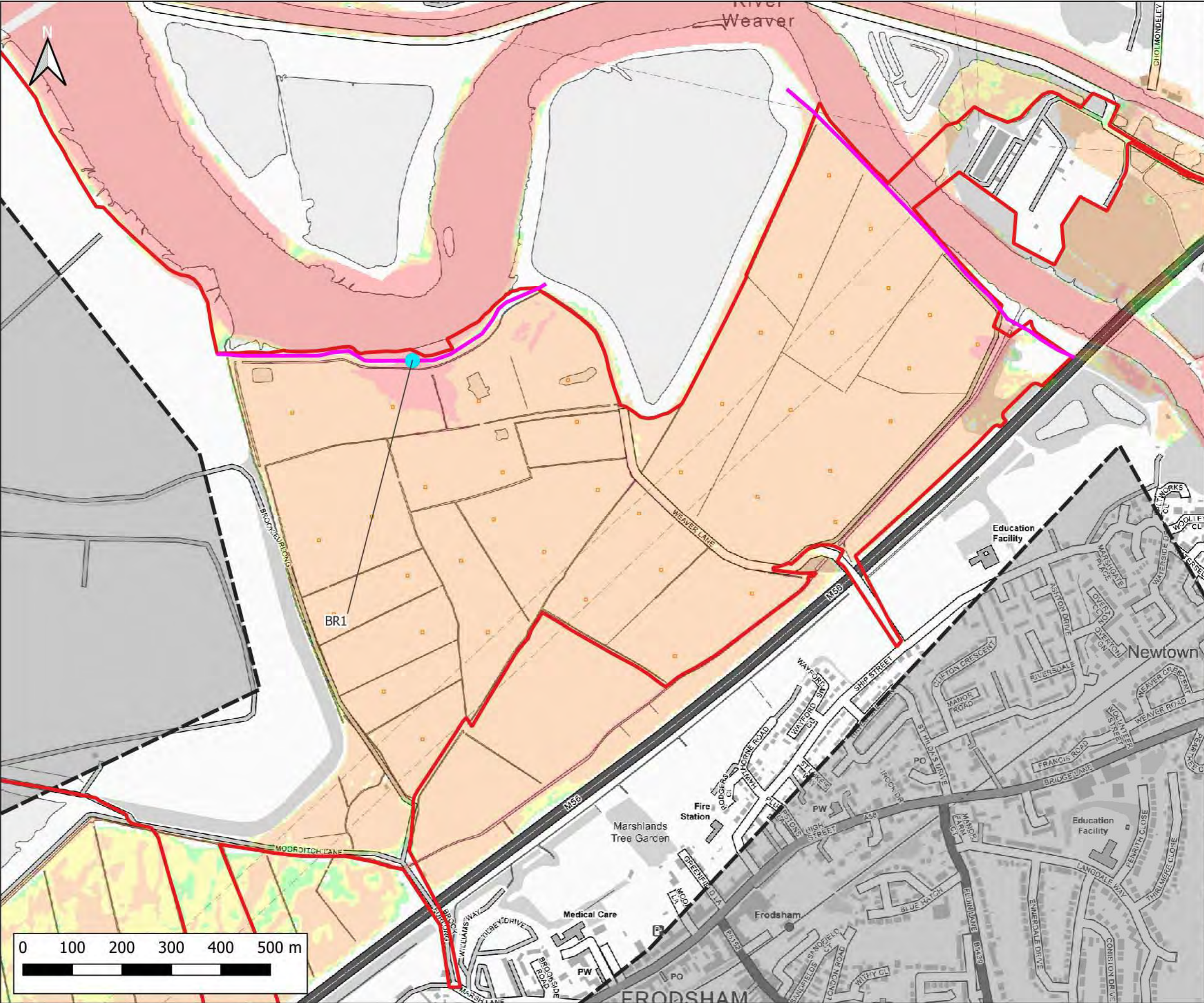
PLOT TITLE:
River Weaver Maximum Flood Hazard Rating
1% AEP +67% CC Fluvial Event
0.5% AEP Tidal Event (2075)
Breach 1 Existing Scenario (EXG)

PLOT STATUS: FINAL **DATE:** 30-04-2025

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

PLOT NAME: 14740_LW_BR1_EXG_Q100CG2_M(LOW)_ME(200HC_2075UE)_052_ZUK2_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
- Breach 1 Location (BR1)

Maximum Flood Hazard Rating (FD2320)

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

CLIENT:

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SCHEME:

Frodsham Solar

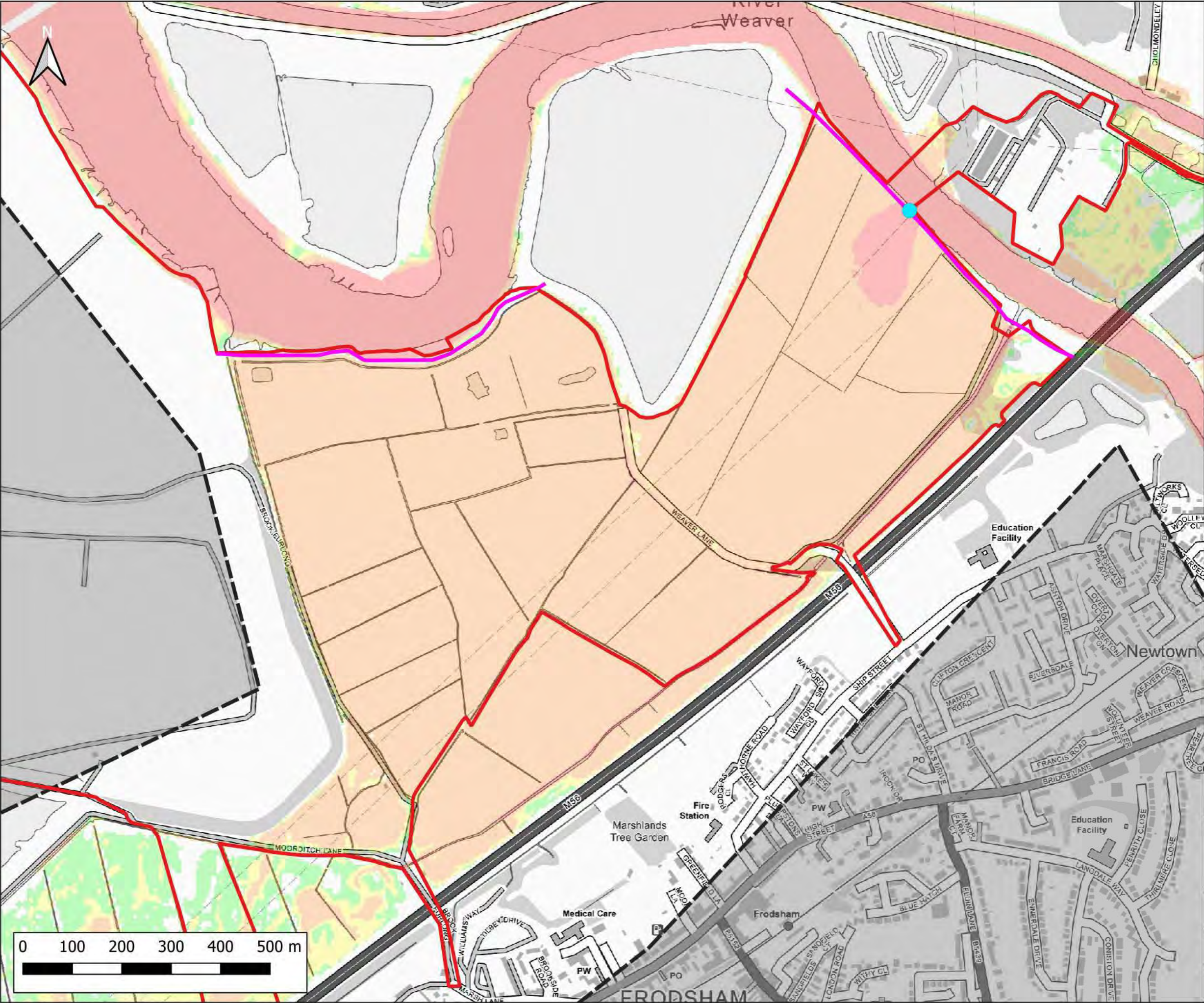
PLOT TITLE:

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		30-04-2025	

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

PLOT NAME:	REVISION:
14740_LW_BR1_DEV2_Q100CC106_M(L0W)_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 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:

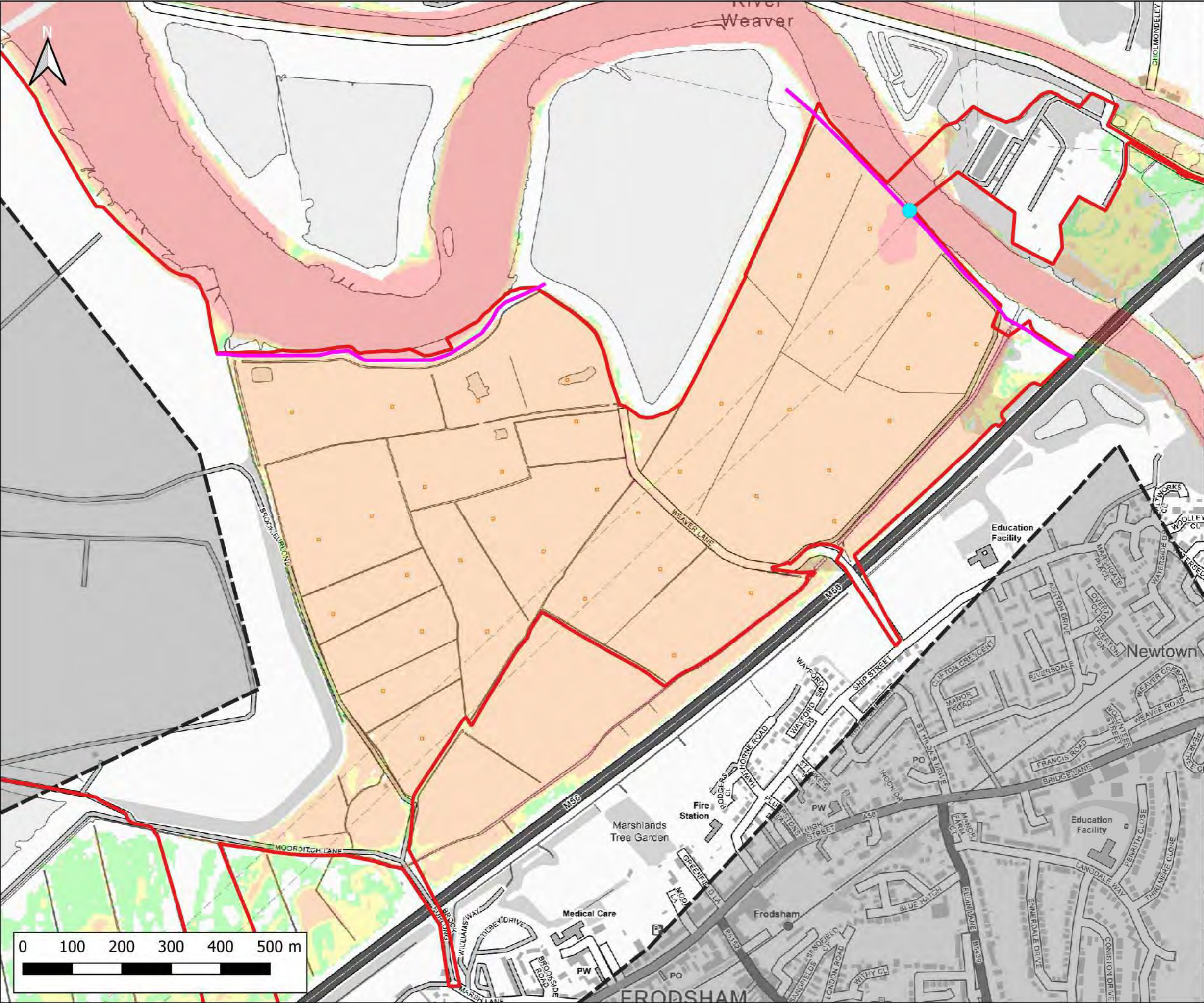
Frodsham Solar

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

PLOT STATUS:			DATE:
FINAL			30-04-2025

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

PLOT NAME:	REVISION:
14740_LW_BR2_EXG_Q100C067_M(L0W)_ME(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
- Proposed Volume Displacement
- 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:

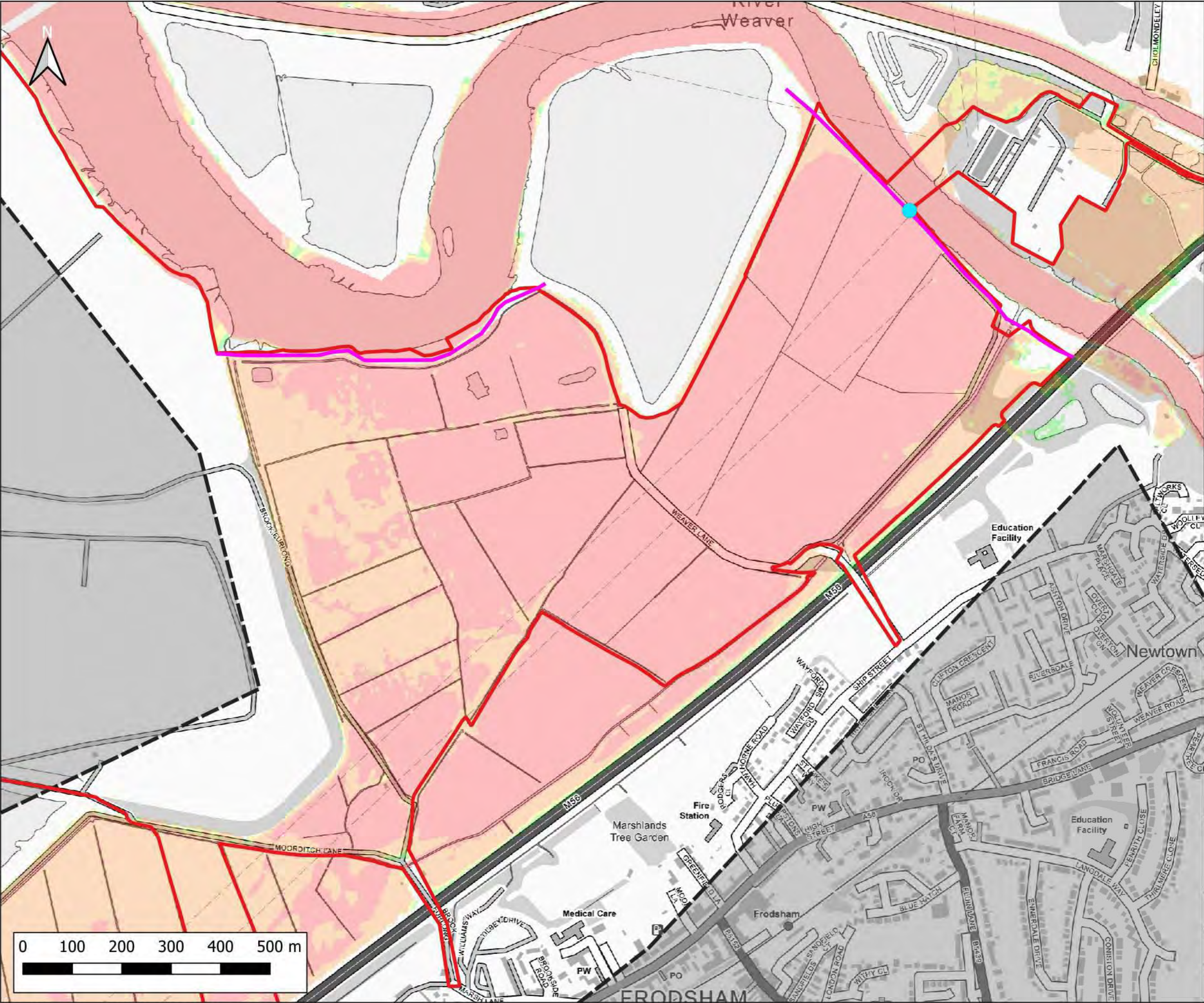
Frodsham Solar

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		30-04-2025	

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

PLOT NAME:	REVISION:
14740_LW_BR2_DEV2_0100CC67_M(LW).ME(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



Frodsham Solar Ltd



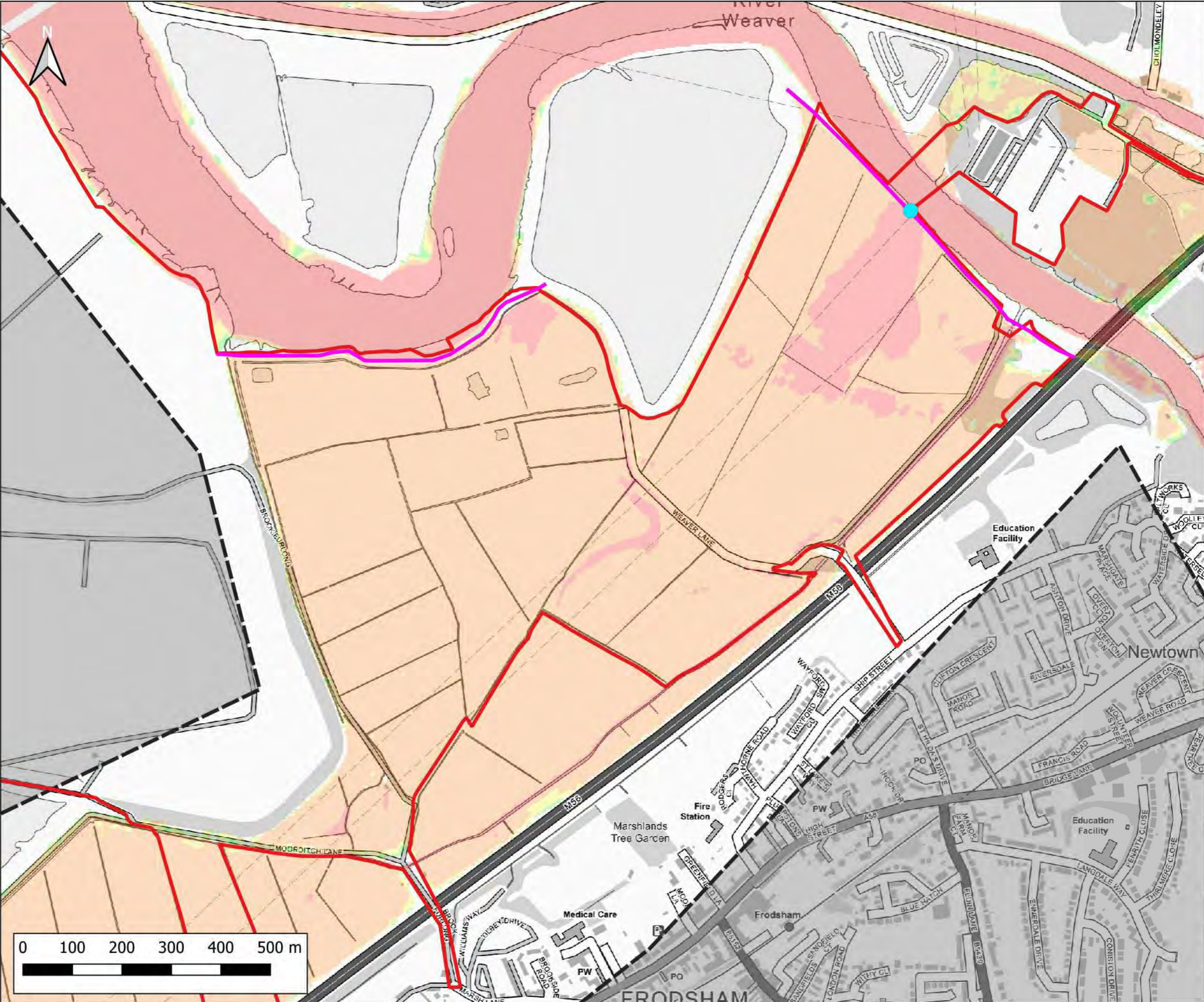
Frodsham Solar

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

PLOT STATUS: FINAL **DATE:** 30-04-2025

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

PLOT NAME: 14740_LW_BR2_EXG_Q100CG67_M(LW)_MEF(200HC_2075UE)_052_ZUK2_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
- 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

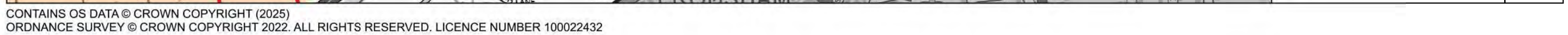
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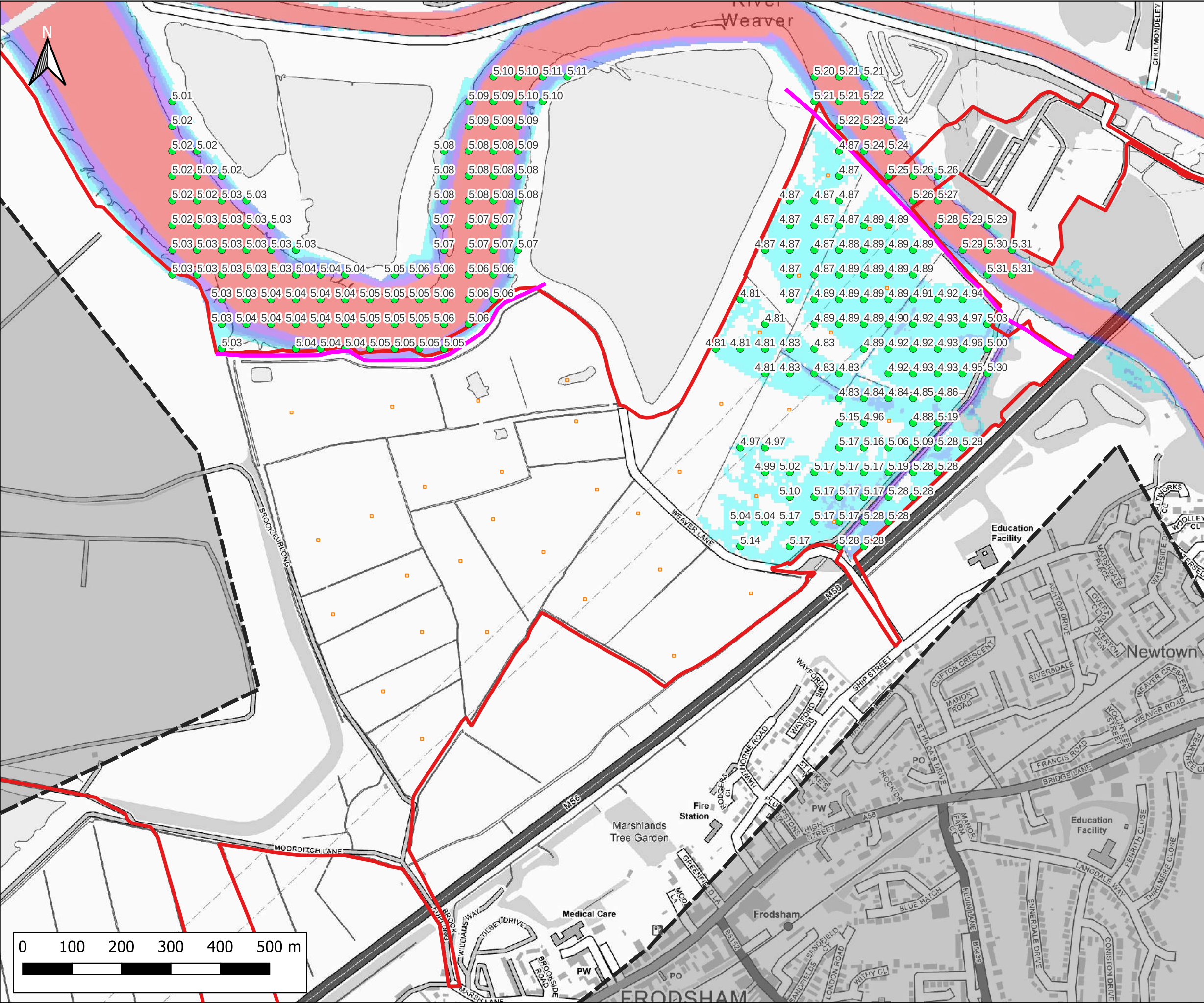
River Weaver Maximum Flood Hazard Rating
1% AEP +106% CC Fluvial Event
MWHS +CC Tidal Event
Breach 2 Existing Scenario (EXG)

PLOT STATUS:			DATE:
FINAL			30-04-2025

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

PLOT NAME:	REVISION:
14740_LW_BR2_EXG_Q100CC106_M(LOW)_ME(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
- Proposed Volume Displacement
- 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

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SCHEME:

Frodsham Solar

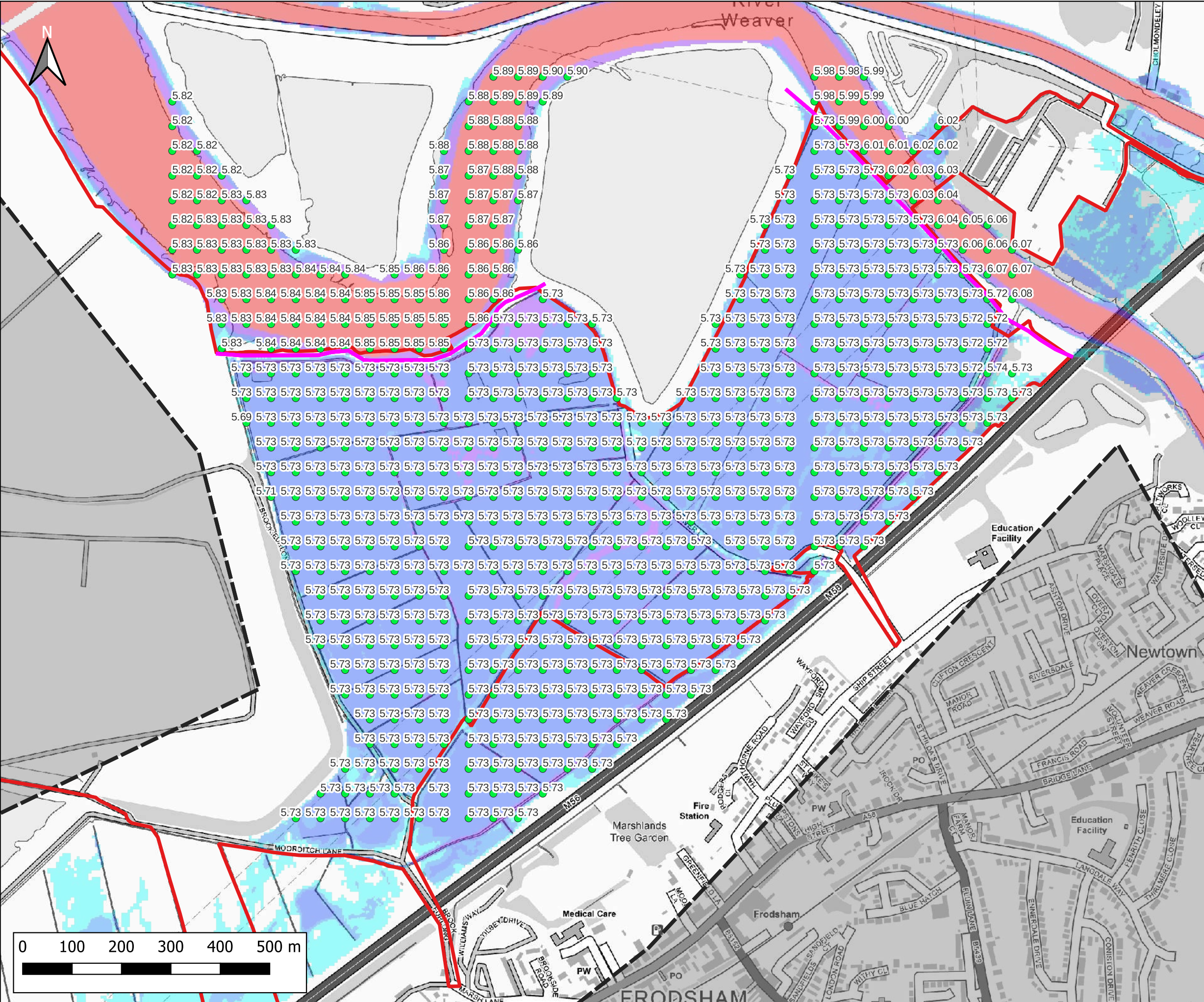
PLOT TITLE:

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

PLOT STATUS:		DATE:	
FINAL		30-04-2025	

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

PLOT NAME:	REVISION:
14740_LW_DEF_DEV2_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:

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www.waterco.co.uk

SCHEME:

Frodsham Solar

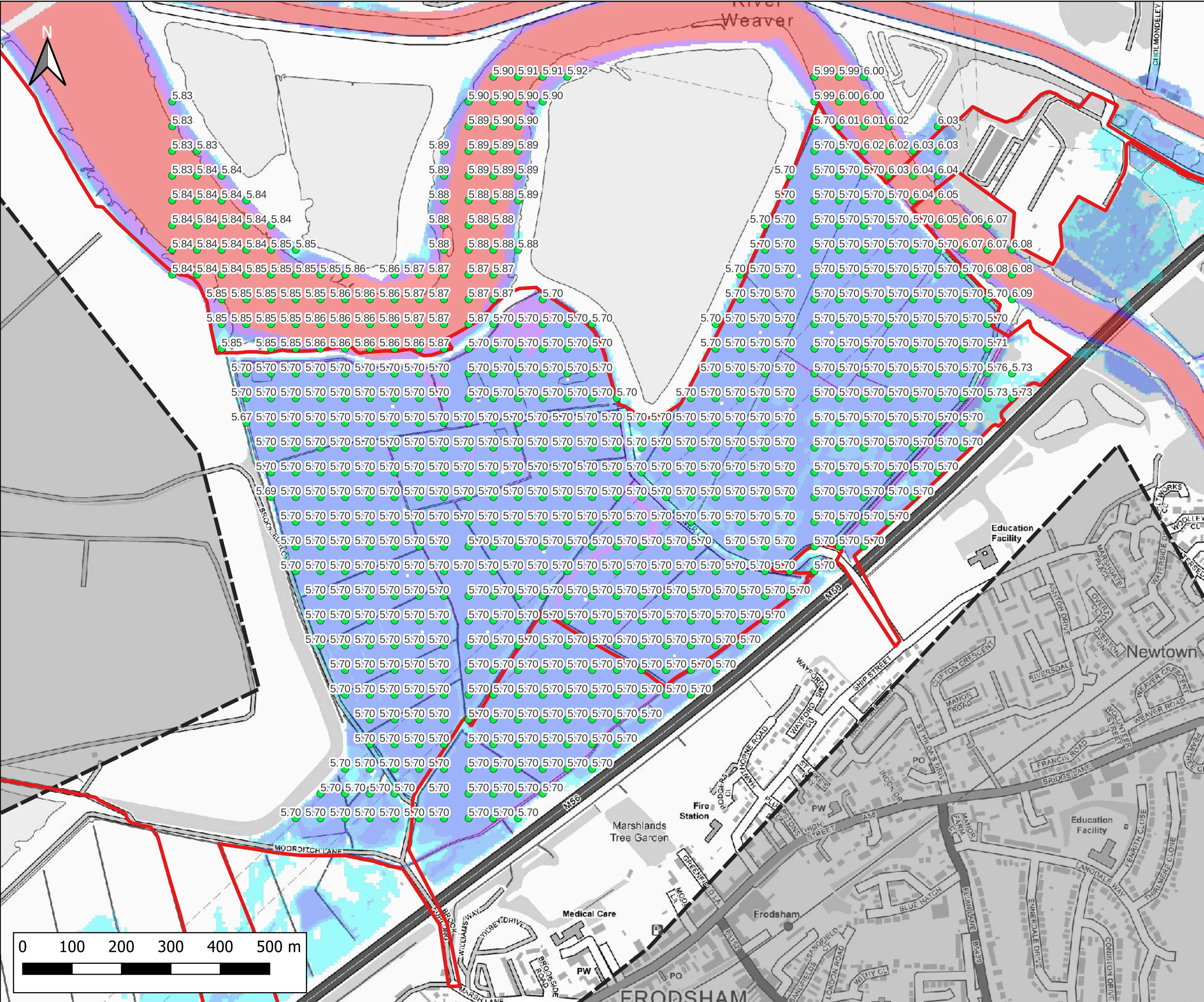
PLOT TITLE:

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

PLOT STATUS:		DATE:	
FINAL		30-04-2025	

DRAWN:	CHECKED:	APPROVED:	PLOT SCALE AT A3:
MH	AP	LS	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
- Maximum Water Level (m AOD)

Maximum Flood Depth

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

Weston

River Weaver

Frodsham

CLIENT:

Frodsham Solar Ltd

waterco
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:

FINAL

DATE:
30-04-2025

DRAWN: MH

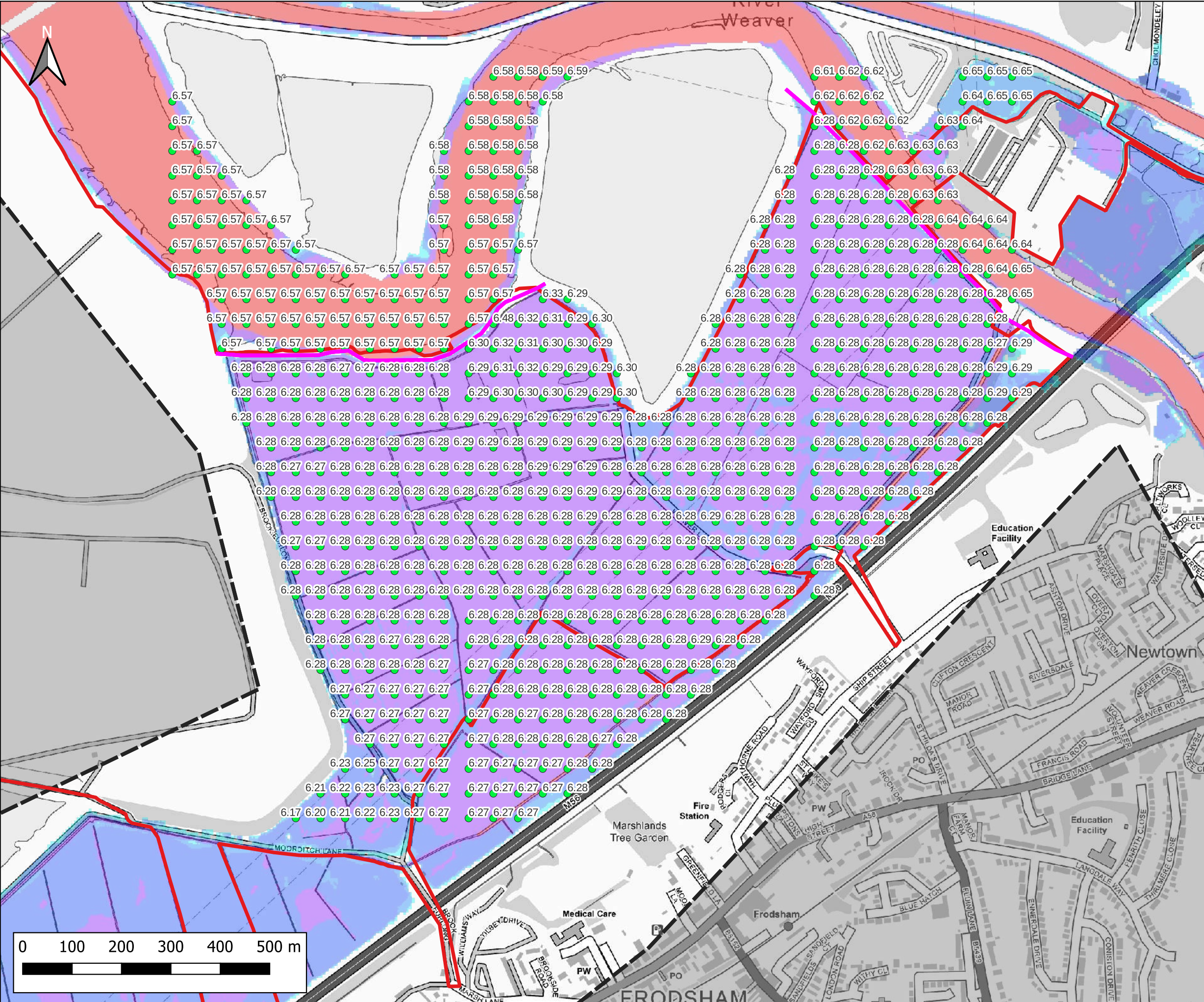
CHECKED: AP

APPROVED: LS

PLOT SCALE AT A3:
1:7500

PLOT NAME:
14740_LW_DEF_DEV2_Q100CC67_M(Low)_ME(MHWS+CC)_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

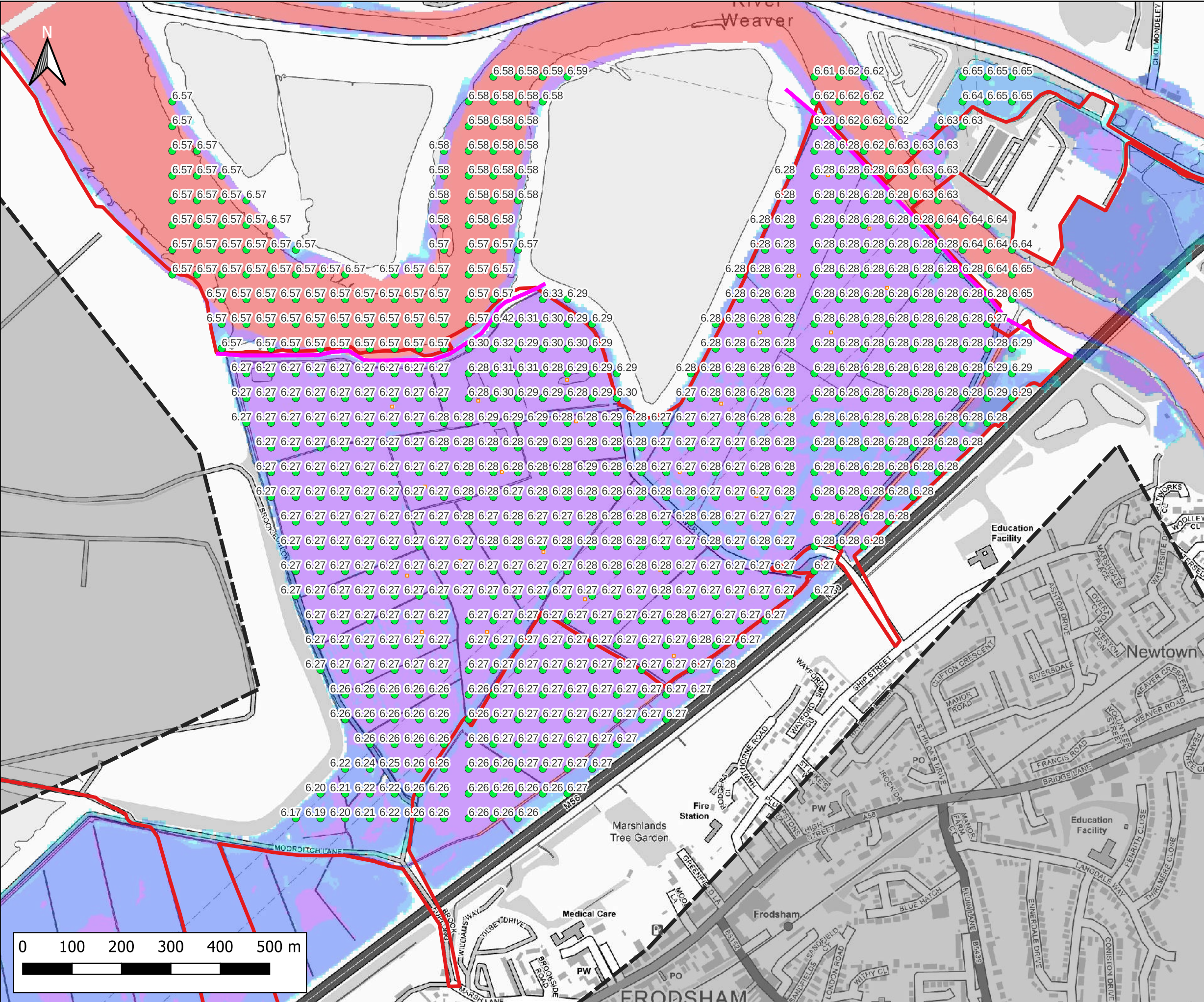
PLOT TITLE:

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

PLOT STATUS:			DATE:
FINAL			30-04-2025

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_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
- 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

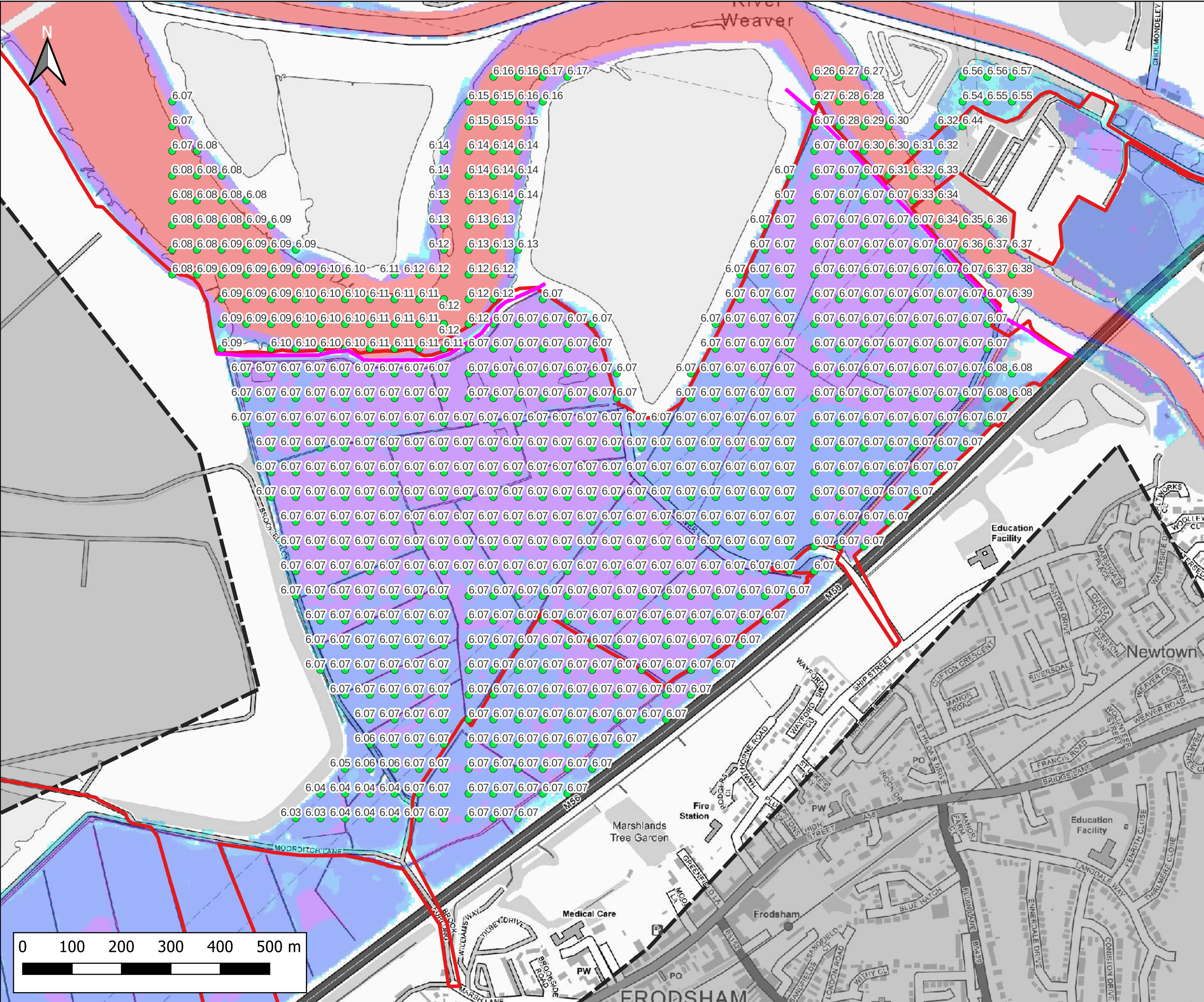
PLOT TITLE:

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

PLOT STATUS:			DATE:
FINAL			30-04-2025

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

PLOT NAME:	REVISION:
14740_LW_DEF_DEV2_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
- 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

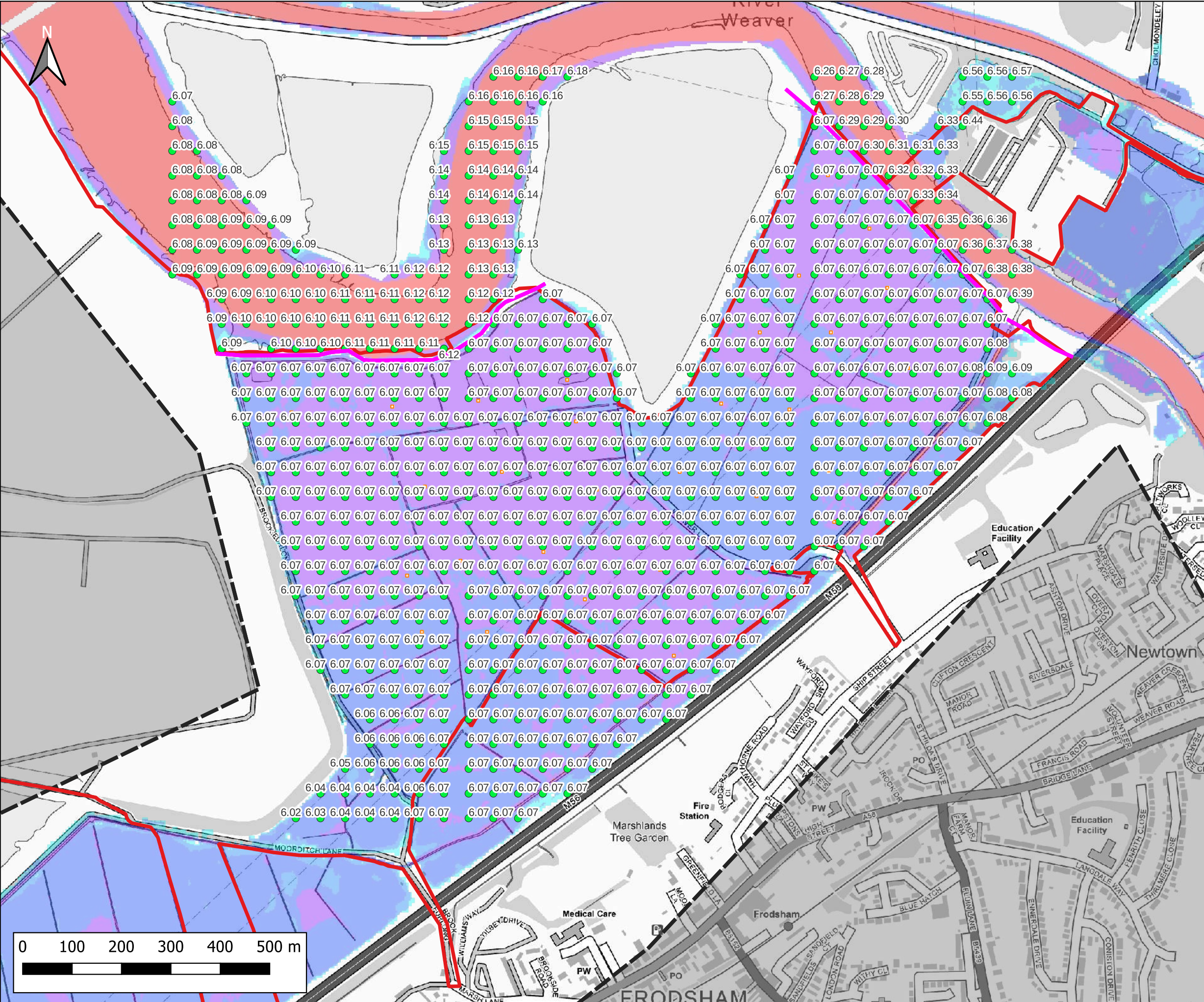
PLOT TITLE:

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

PLOT STATUS:			DATE:
FINAL			30-04-2025

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_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
- 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

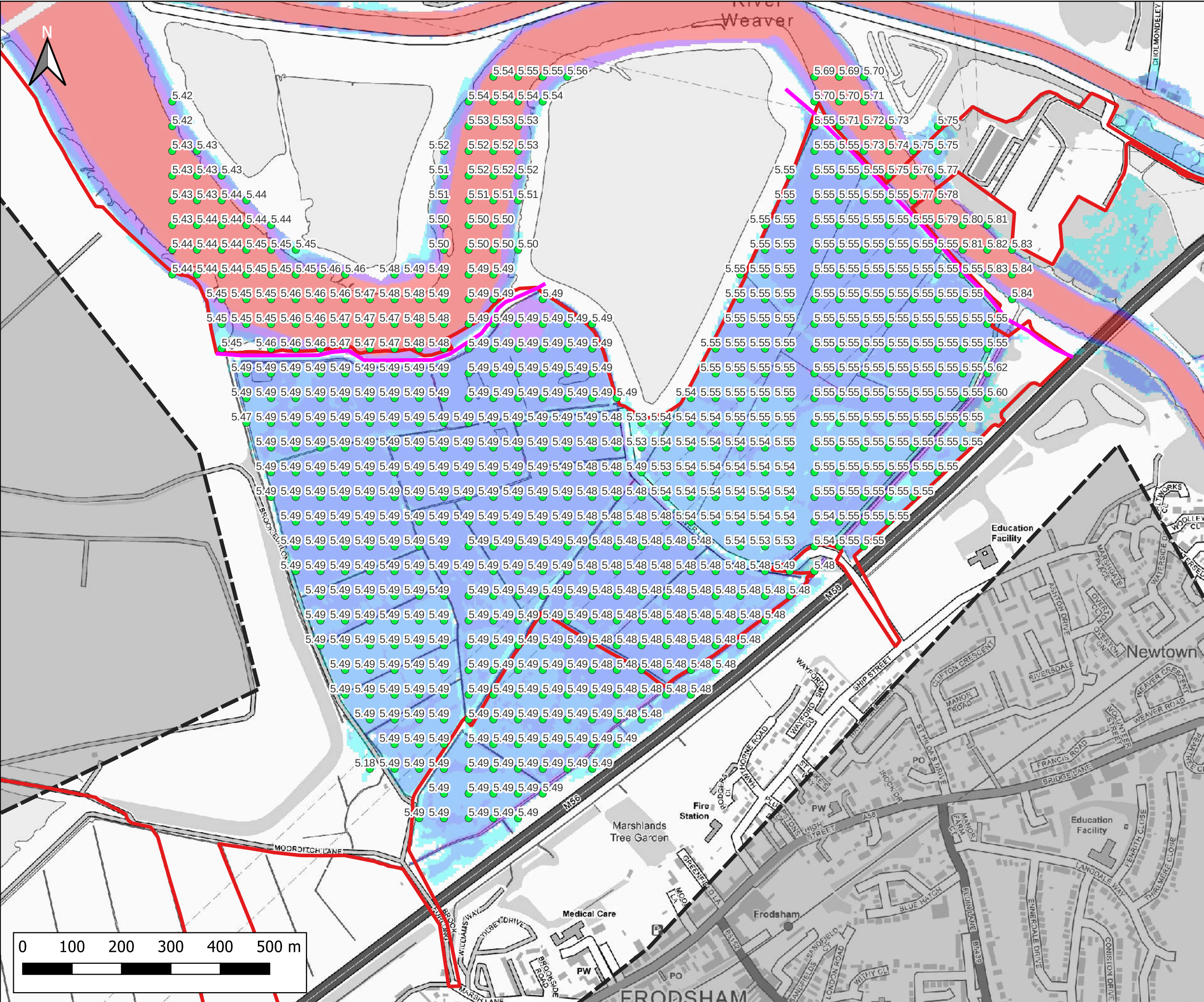
PLOT TITLE:

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

PLOT STATUS:			DATE:
FINAL			30-04-2025

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

PLOT NAME:	REVISION:
14740_LW_DEF_DEV2_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
- 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

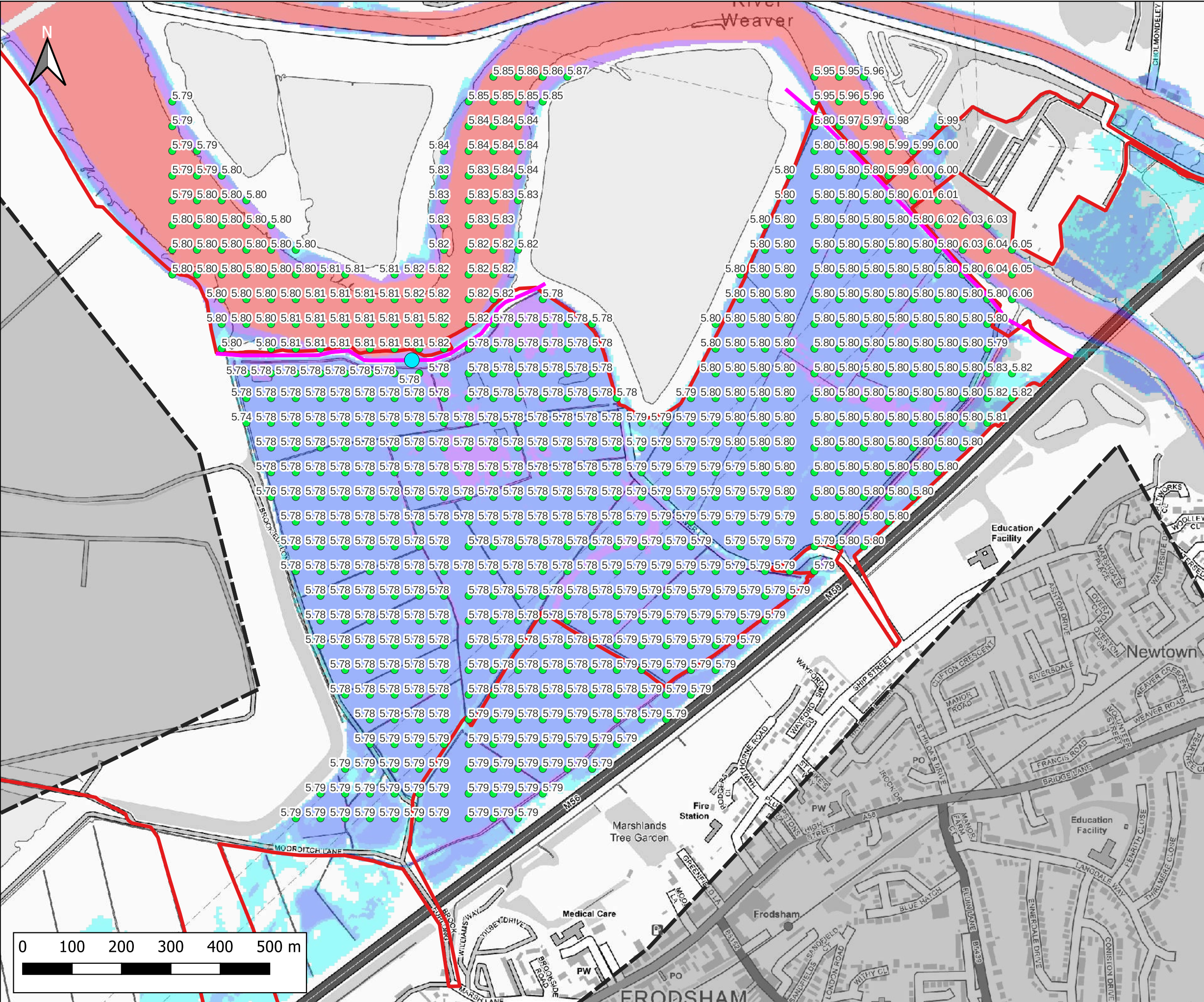
PLOT TITLE:

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

PLOT STATUS:			DATE:
FINAL			30-04-2025

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_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

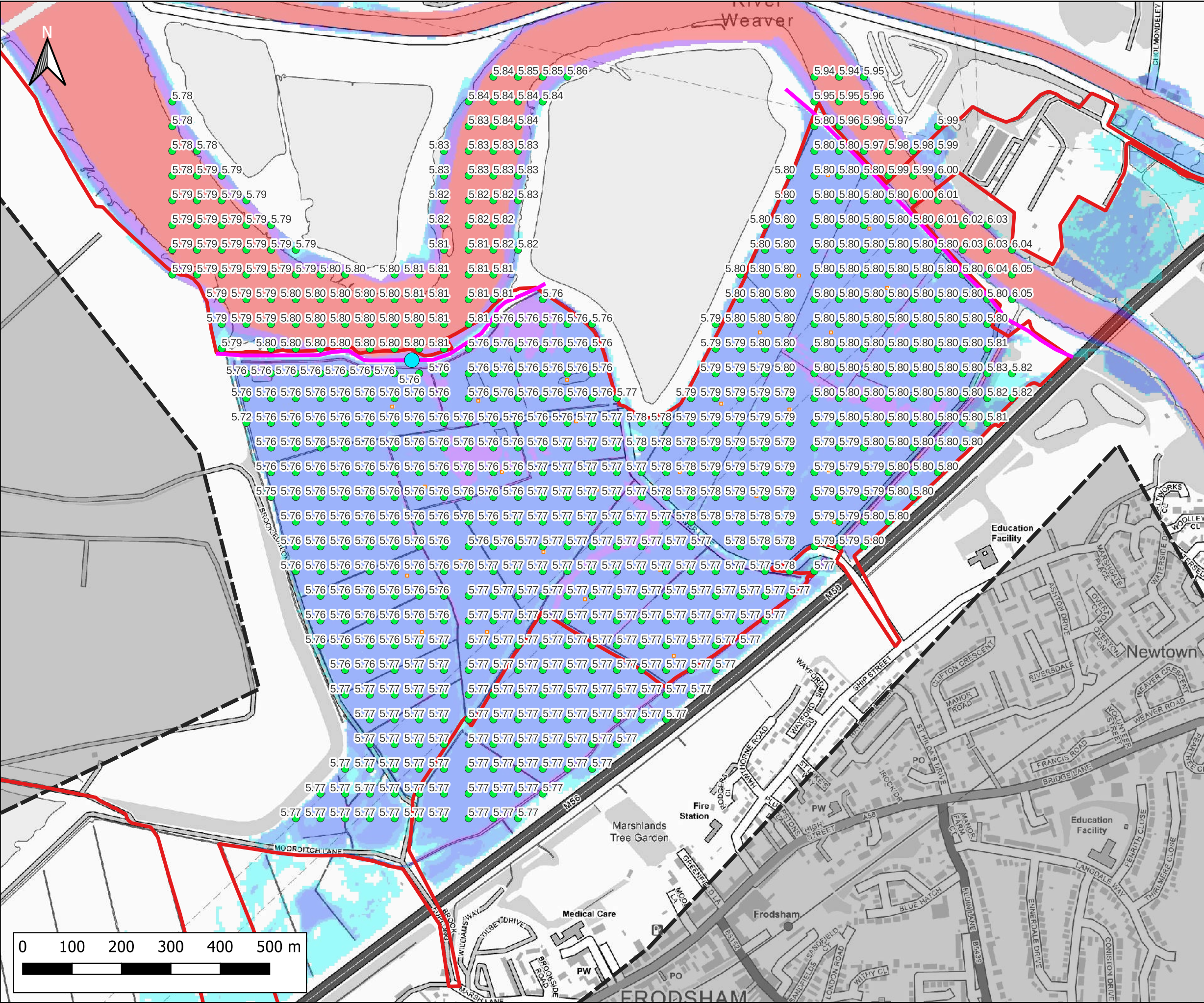
PLOT TITLE:

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		30-04-2025	

DRAWN:	CHECKED:	APPROVED:	PLOT SCALE AT A3:
MH	AP	LS	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
- 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

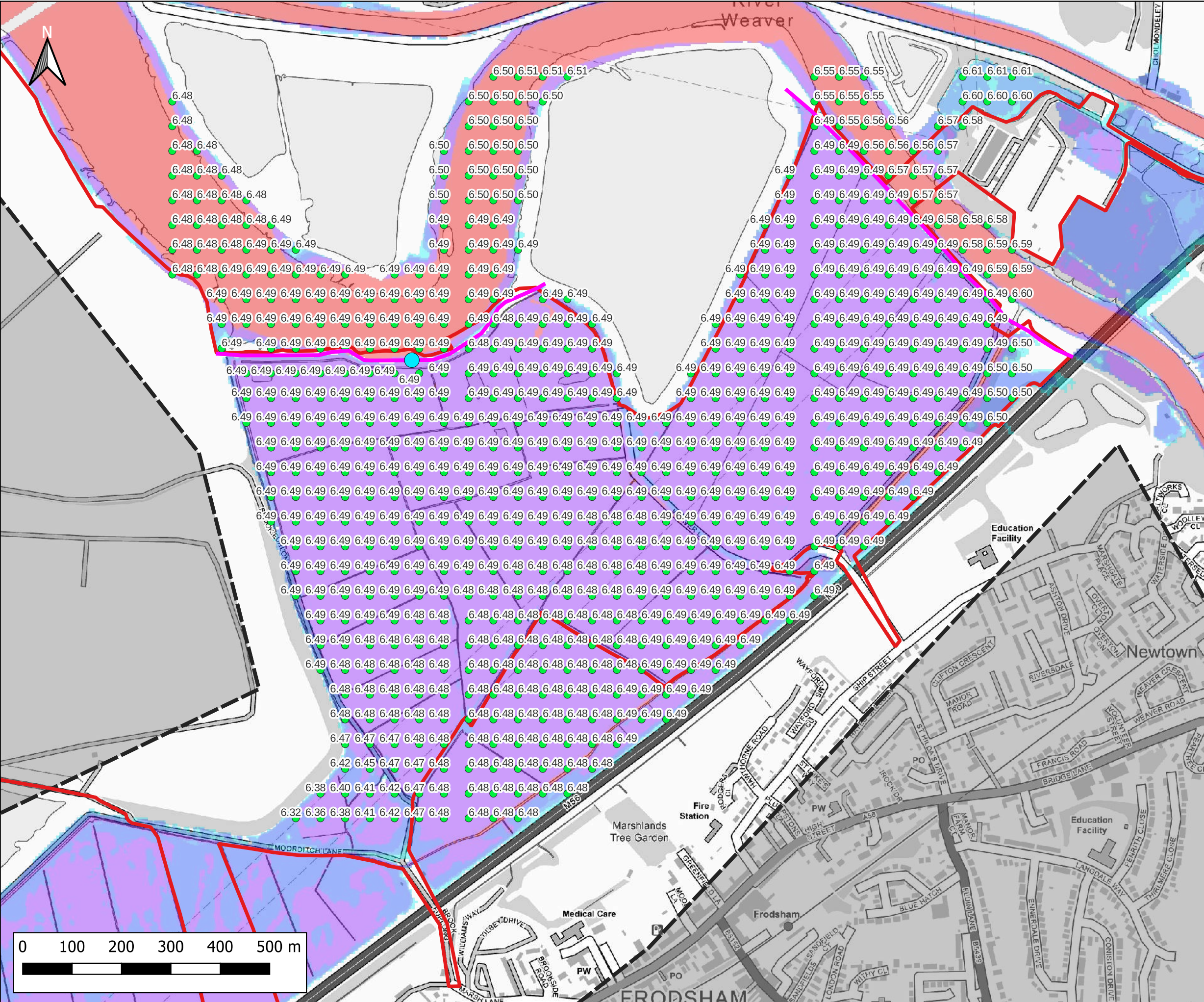
PLOT TITLE:

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		30-04-2025	

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

PLOT NAME:	REVISION:
14740_LW_BR1_DEV2_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 1 Location (BR1)
- Maximum Water Level (m AOD)

Maximum Flood Depth

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- 1.2m - 2.4m
- > 2.4m

CLIENT:

Frodsham Solar Ltd

www.waterco.co.uk

SCHEME:

Frodsham Solar

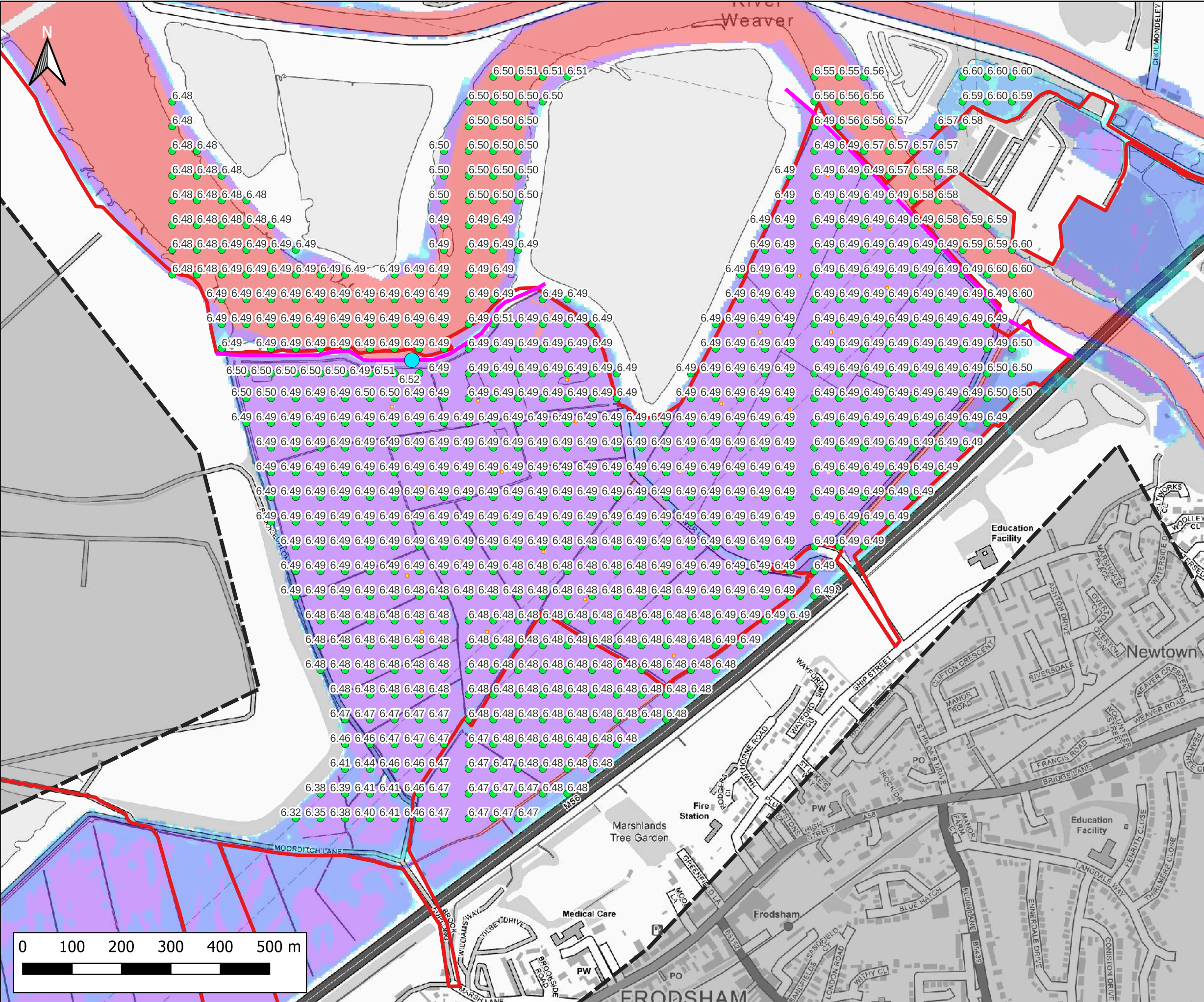
PLOT TITLE:

River 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			30-04-2025

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_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
- Breach 1 Location (BR1)
- Maximum Water Level (m AOD)

Maximum Flood Depth

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SCHEME:

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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:

FINAL

DATE:

30-04-2025

DRAWN:

MH

CHECKED:

AP

APPROVED:

LS

PLOT SCALE AT A3:

1:7500

PLOT NAME:

14740_LW_BR1_DEV2_Q100CC67_M(LOW)_ME(T200HC_2075UE)_052_h_Max

REVISION:

-

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