Frodsham Solar

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

July 2025

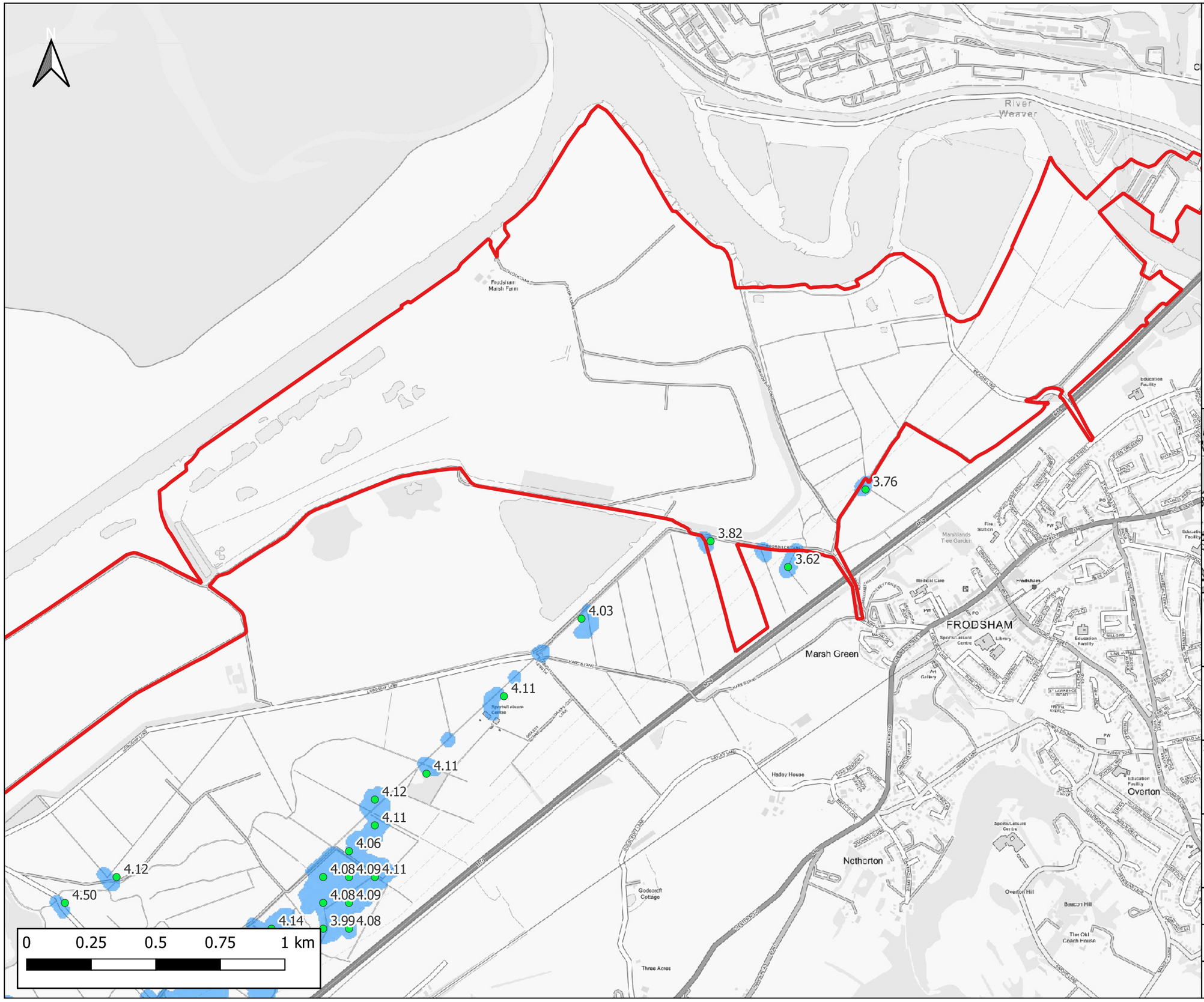
Cubico
SUSTAINABLE INVESTMENTS

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 P02

Appendix K Modelled Output Mapping

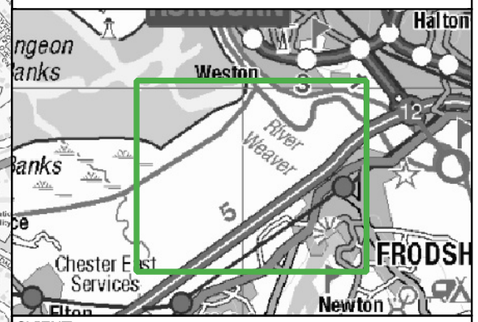
Ince and Frodsham



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
	waterco 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: -

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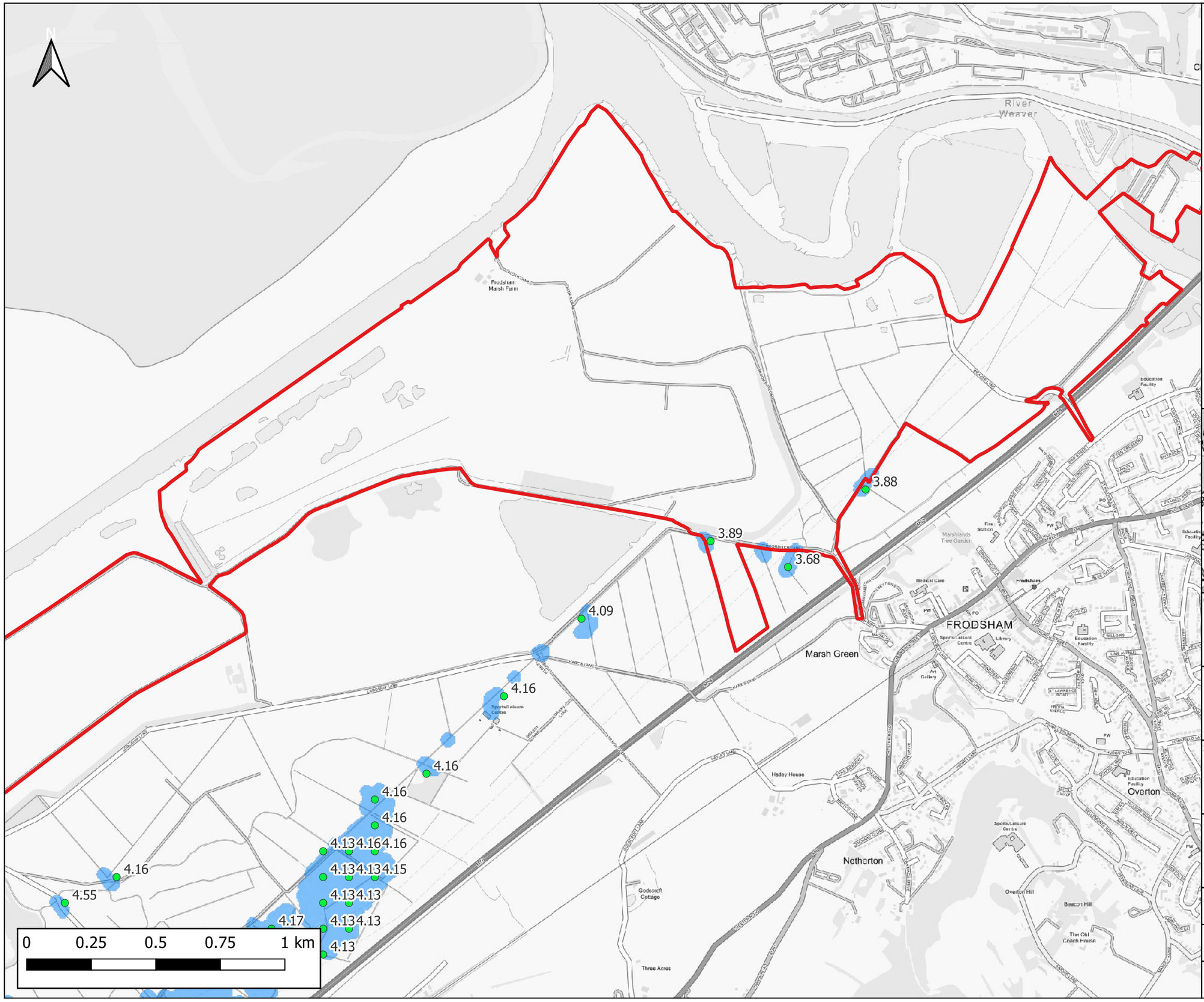
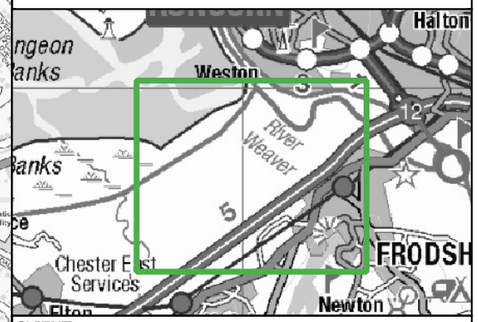


Notes:
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise.
2) Data taken from the 'Ince and Frodsham Fluvial' (2011) model.

LEGEND

- Maximum Water Level (m AOD)
- Flood Extent



CLIENT:	Frodsham Solar Ltd
	waterco www.waterco.co.uk
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: -

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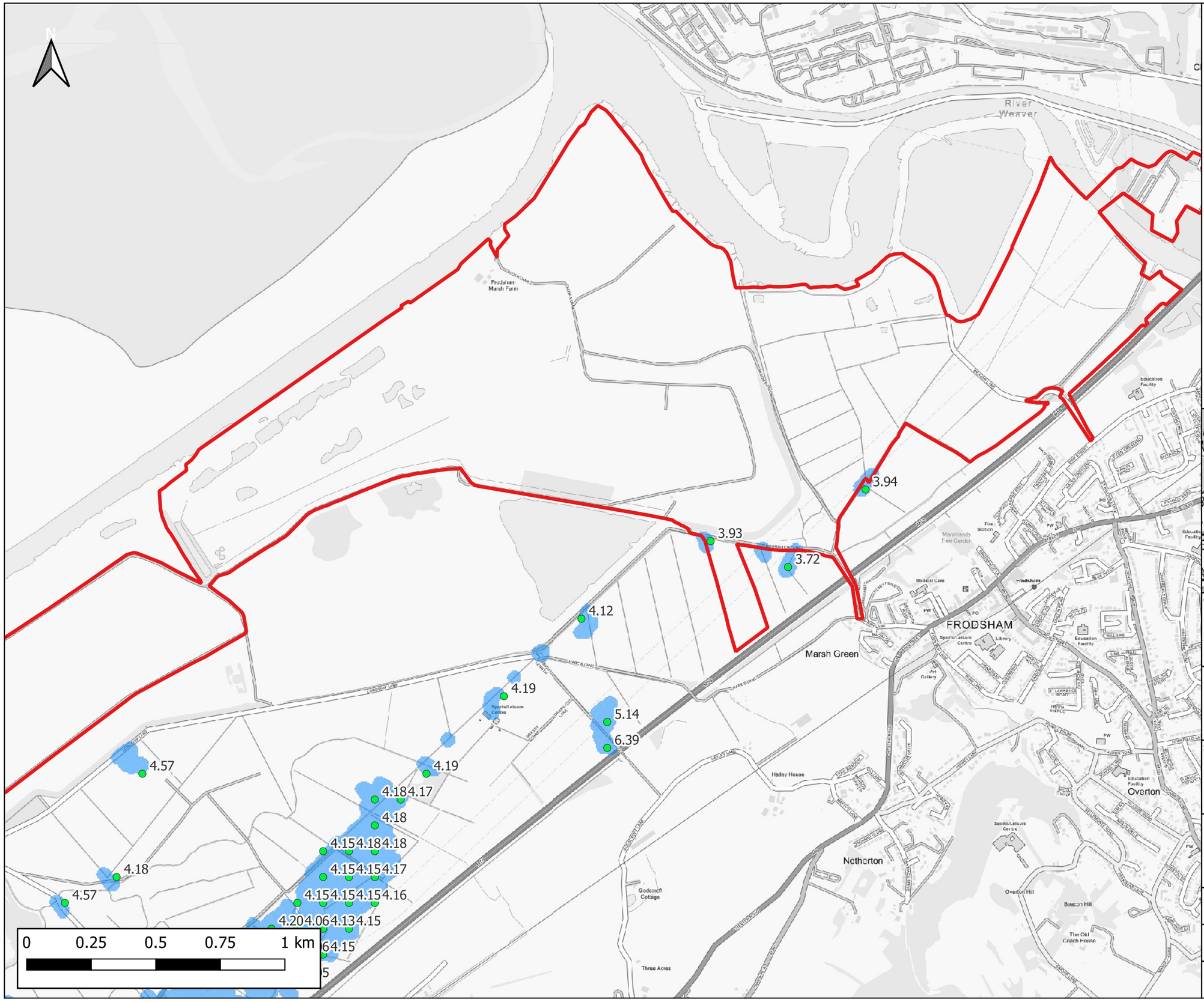
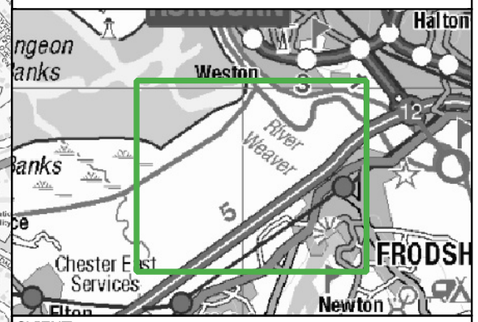


Notes:
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise.
2) Data taken from the 'Ince and Frodsham Fluvial' (2011) model.

LEGEND

- Maximum Water Level (m AOD)
- Flood Extent



CLIENT:	Frodsham Solar Ltd
	waterco www.waterco.co.uk
SCHEME:	Frodsham Solar
PLOT TITLE:	MAXIMUM WATER LEVEL INCE & FRODSHAM 10% 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_IFMQ10DM_h_MAX	REVISION: -

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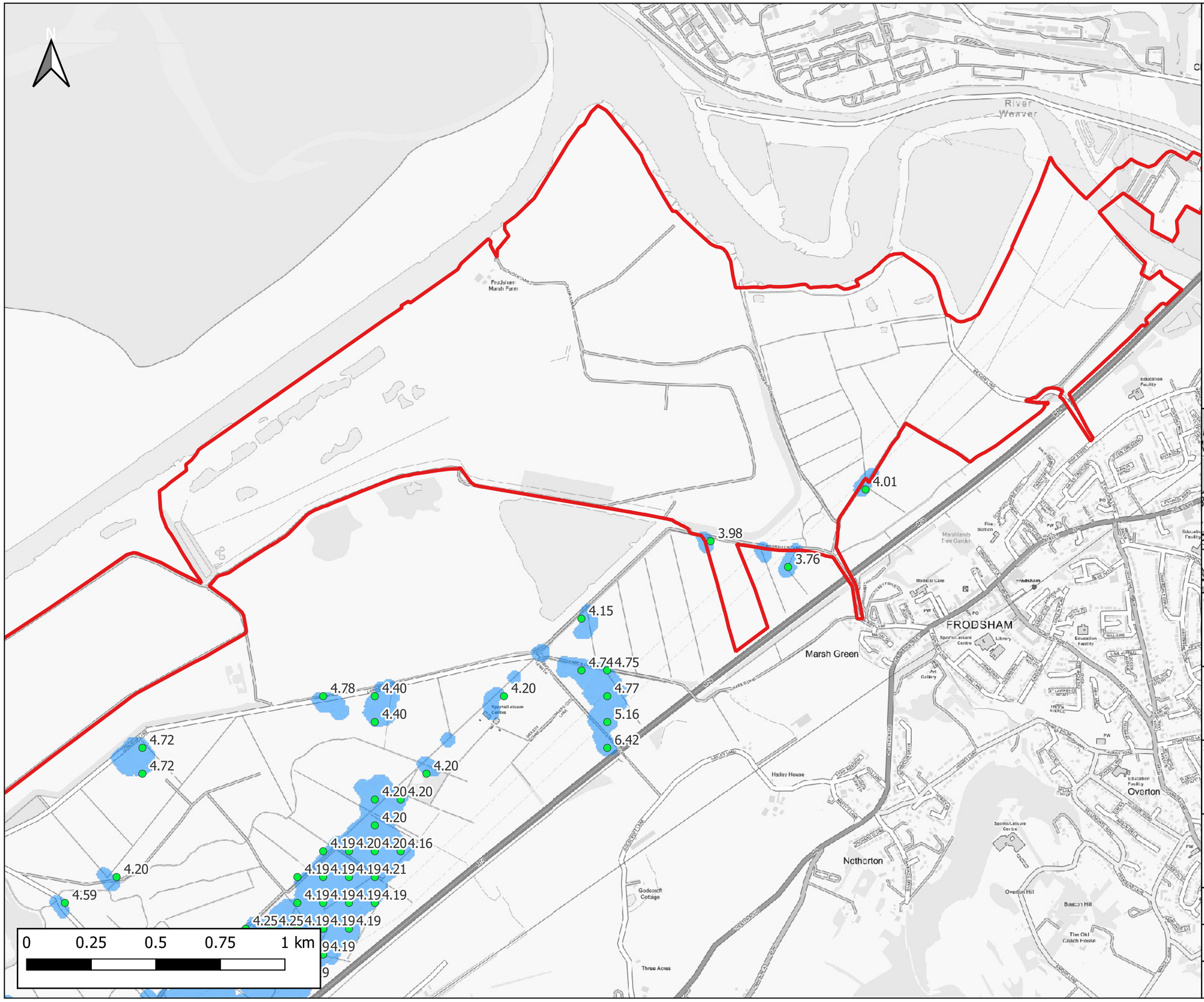
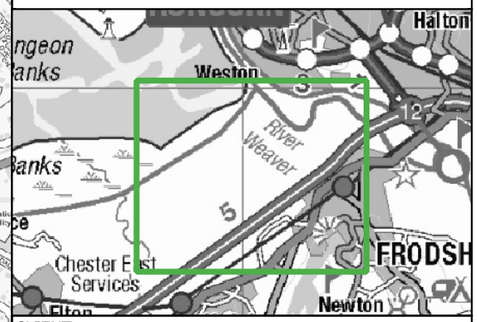


Notes:
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise.
2) Data taken from the 'Ince and Frodsham Fluvial' (2011) model.

LEGEND

- Maximum Water Level (m AOD)
- Flood Extent



CLIENT: Frodsham Solar Ltd			
waterco 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: PB	CHECKED: AW	APPROVED: NJ	PLOT SCALE AT A3: 1:14300
PLOT NAME: 14740_IFMQ25DM_h_MAX			REVISION: -

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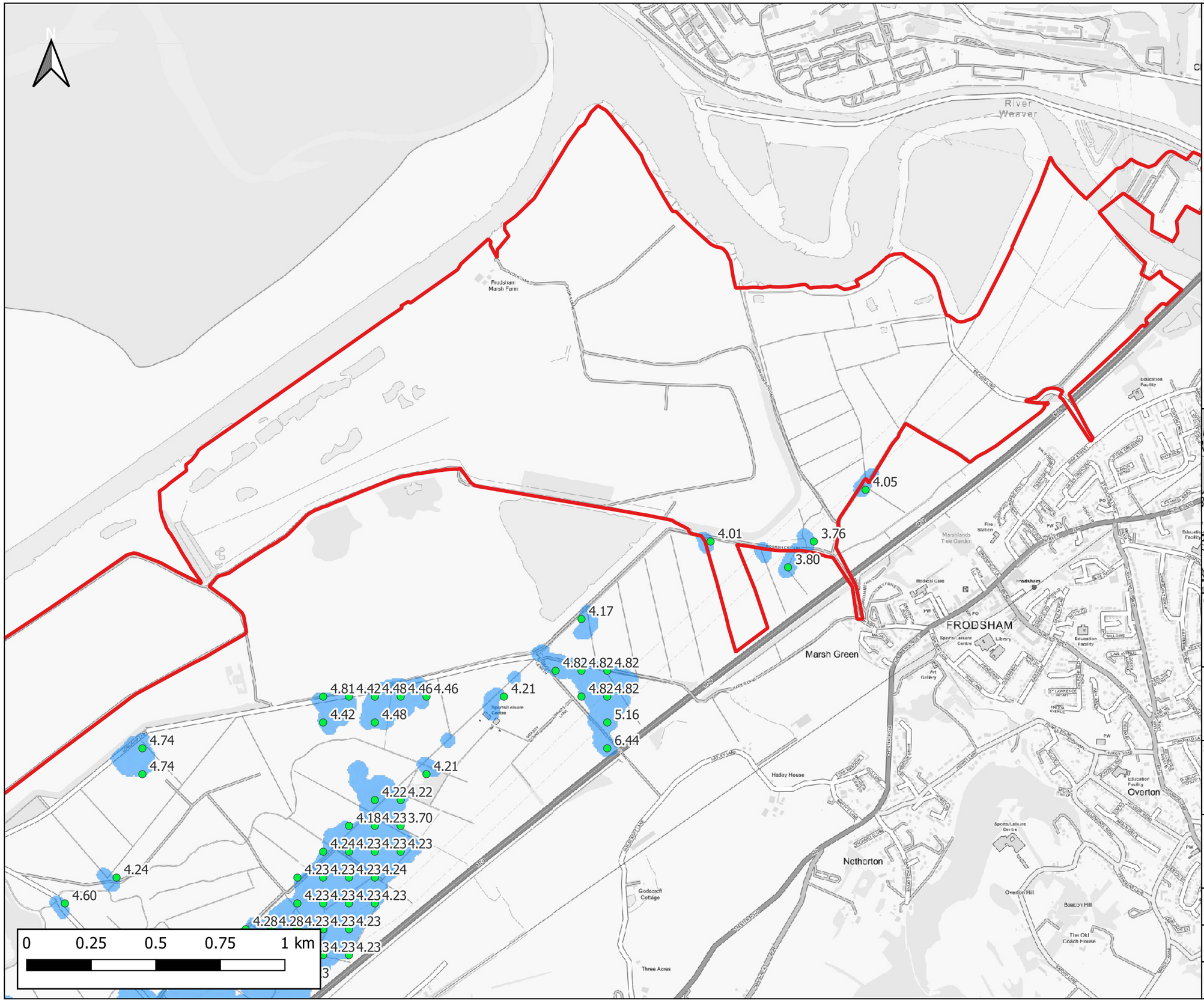
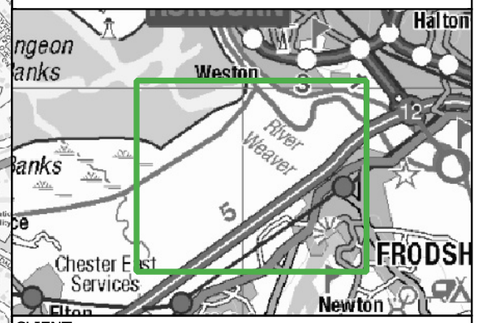


Notes:
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise.
2) Data taken from the 'Ince and Frodsham Fluvial' (2011) model.

LEGEND

- Maximum Water Level (m AOD)
- Flood Extent



CLIENT: Frodsham Solar Ltd

waterco
www.waterco.co.uk

SCHEME: Frodsham Solar

PLOT TITLE: MAXIMUM WATER LEVEL
INCE & FRODSHAM
2% AEP FLUVIAL EVENT
DO MINIMUM EVENT

PLOT STATUS:	DATE:
FINAL	30-04-2025

DRAWN:	CHECKED:	APPROVED:	PLOT SCALE AT A3:
PB	AW	NJ	1:14300

PLOT NAME:	REVISION:
14740_IFMQ50DM_h_MAX	-

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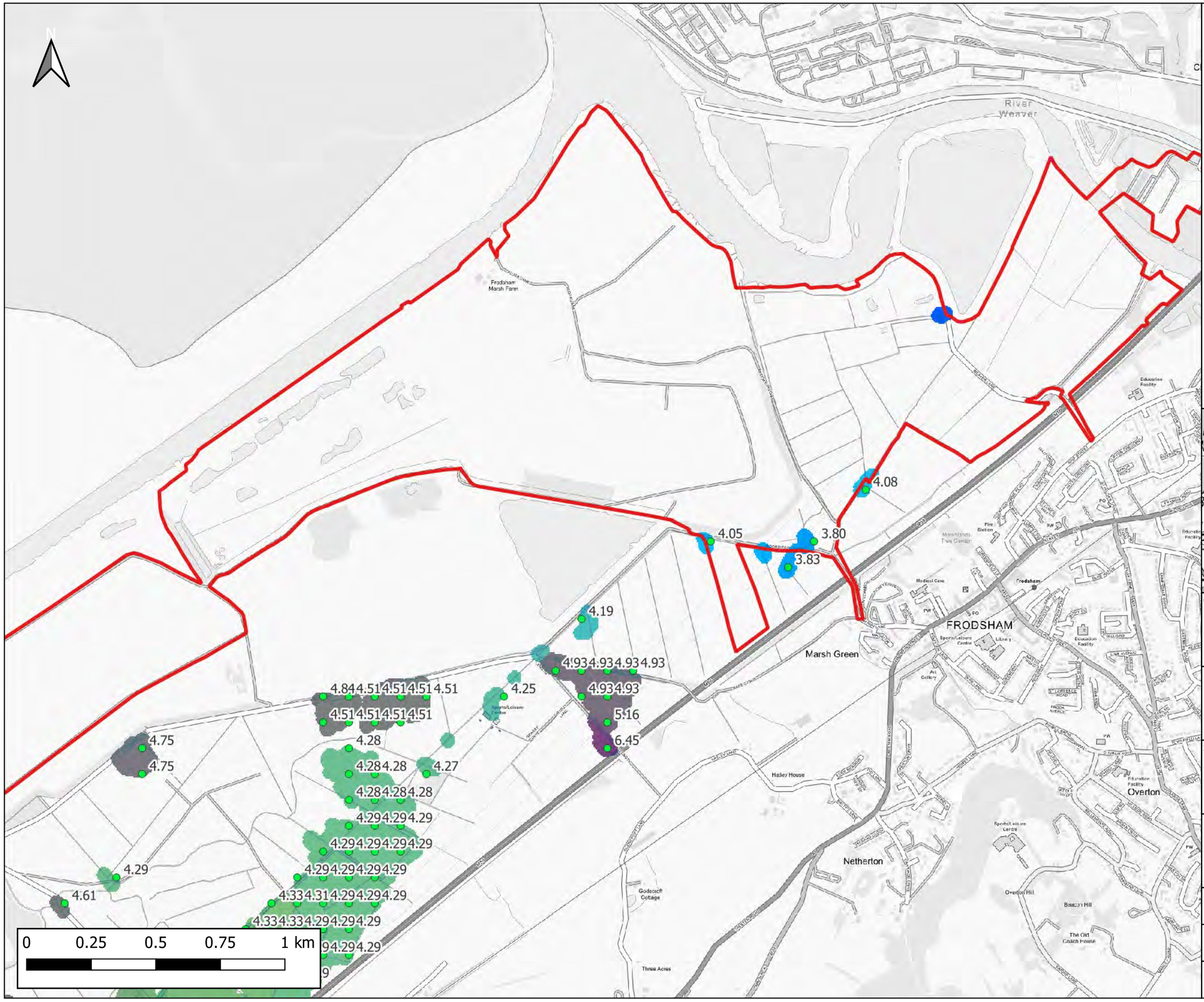
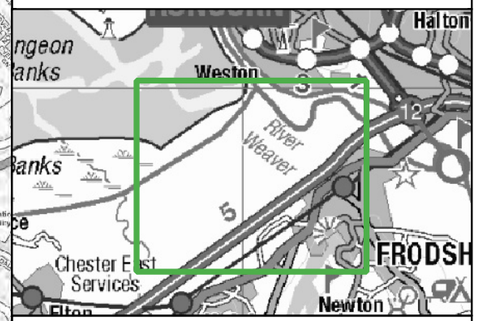


Notes:
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise.
2) Data taken from the 'Ince and Frodsham Fluvial' (2011) model.

LEGEND

- Maximum Water Level (m AOD)
- Flood Extent



CLIENT:	Frodsham Solar Ltd
	waterco www.waterco.co.uk
SCHEME:	Frodsham Solar
PLOT TITLE:	MAXIMUM WATER LEVEL INCE & FRODSHAM 1% 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_IFMQ100DM_h_MAX	REVISION: -

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Manchester Ship Canal

					Normal Operation											Latchford 1 Gate	Latchford 3 Gates Closed	
Map Reference	Model Node Reference	Easting	Northing	Data	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_15648dj	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	304.18	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	671.68	683.70	710.76	704.05	705.12	702.72	704.86	608.08	454.13	579.97
6	ea013_0251_EAS_15035	349666	379238	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	351.98	350.08	353.50	359.80	388.06	394.40	376.91	362.00	355.63	357.09	291.96	370.44
7	ea013_0251_EAS_15648uj	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	229.92	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.

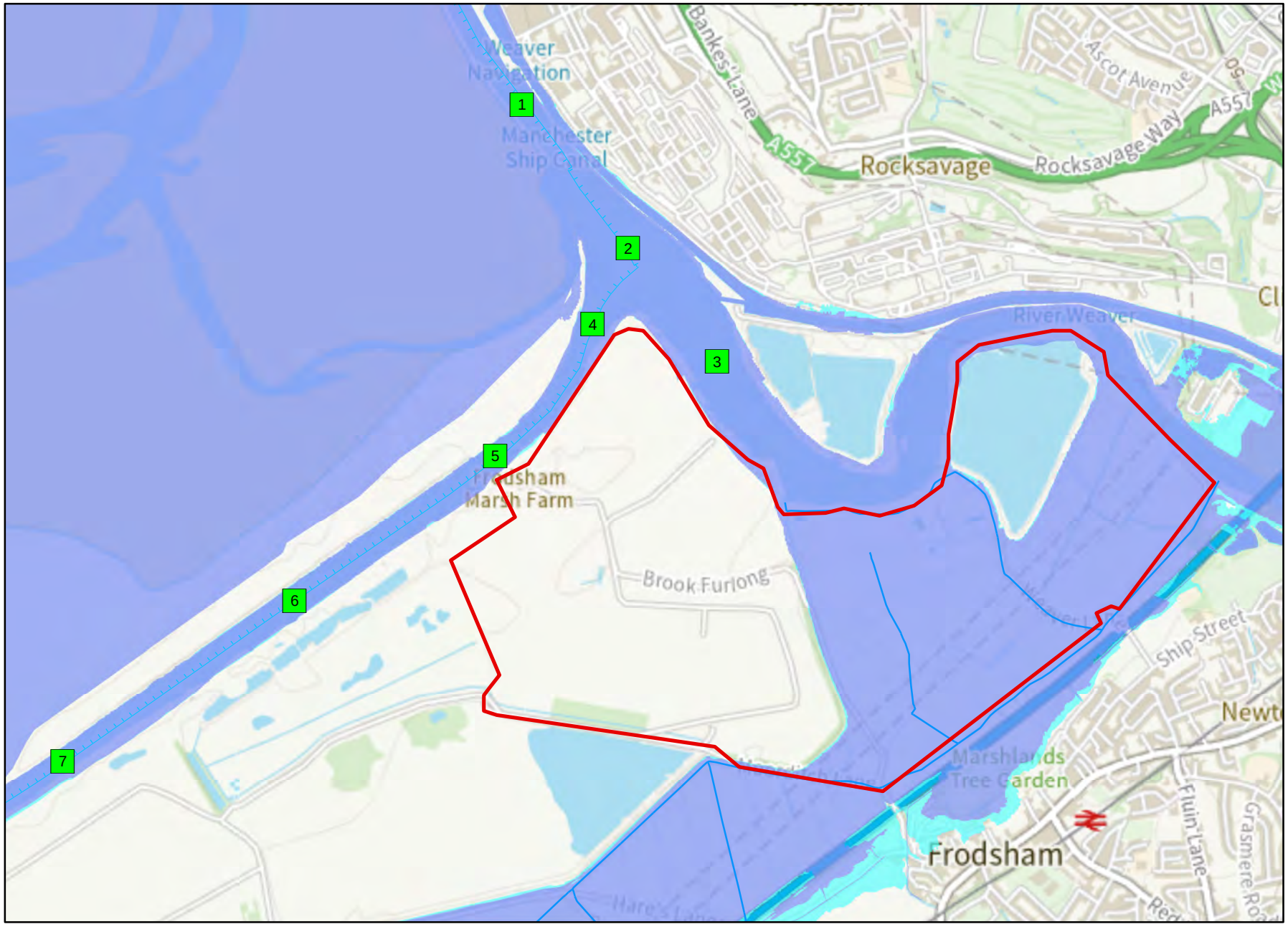
For the Manchester Ship Canal Model, we provide the following three scenarios:

1. Normal Operation: All sluice gates operate automatically to maintain a navigable pounded 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]



Environment Agency

1:20,001

N

Legend

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

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Contact Us: National Customer Contact Centre, PO Box 544, Rotherham, S60 1BY. Tel: 03708 506 506 (Mon-Fri 8-6). Email: enquiries@environment-agency.gov.uk

River Weaver

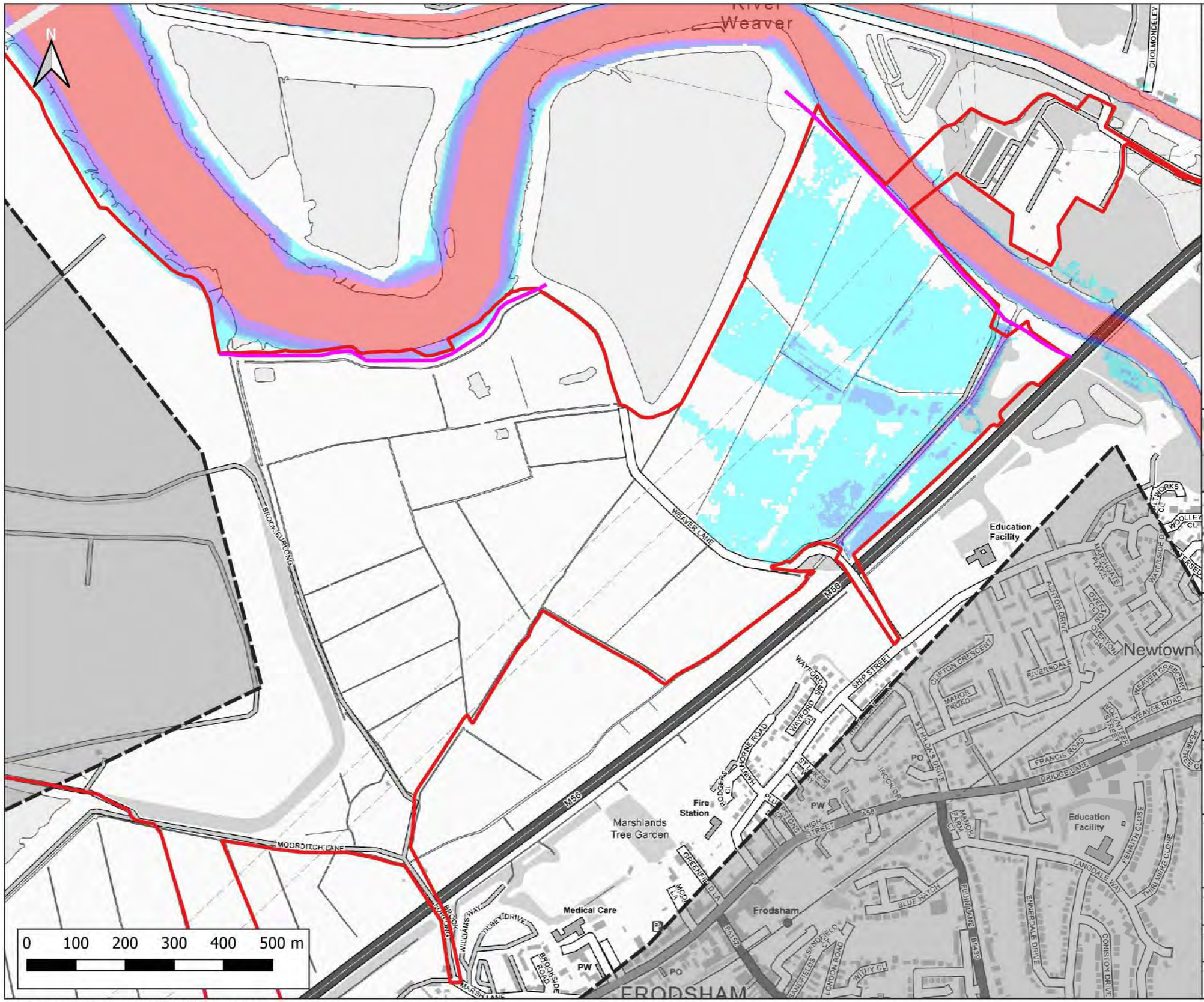
Notes:
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

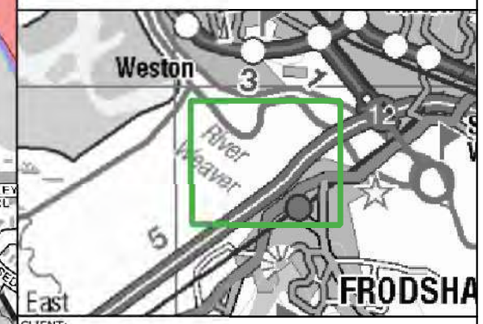
LEGEND

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

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 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_d_Max	-

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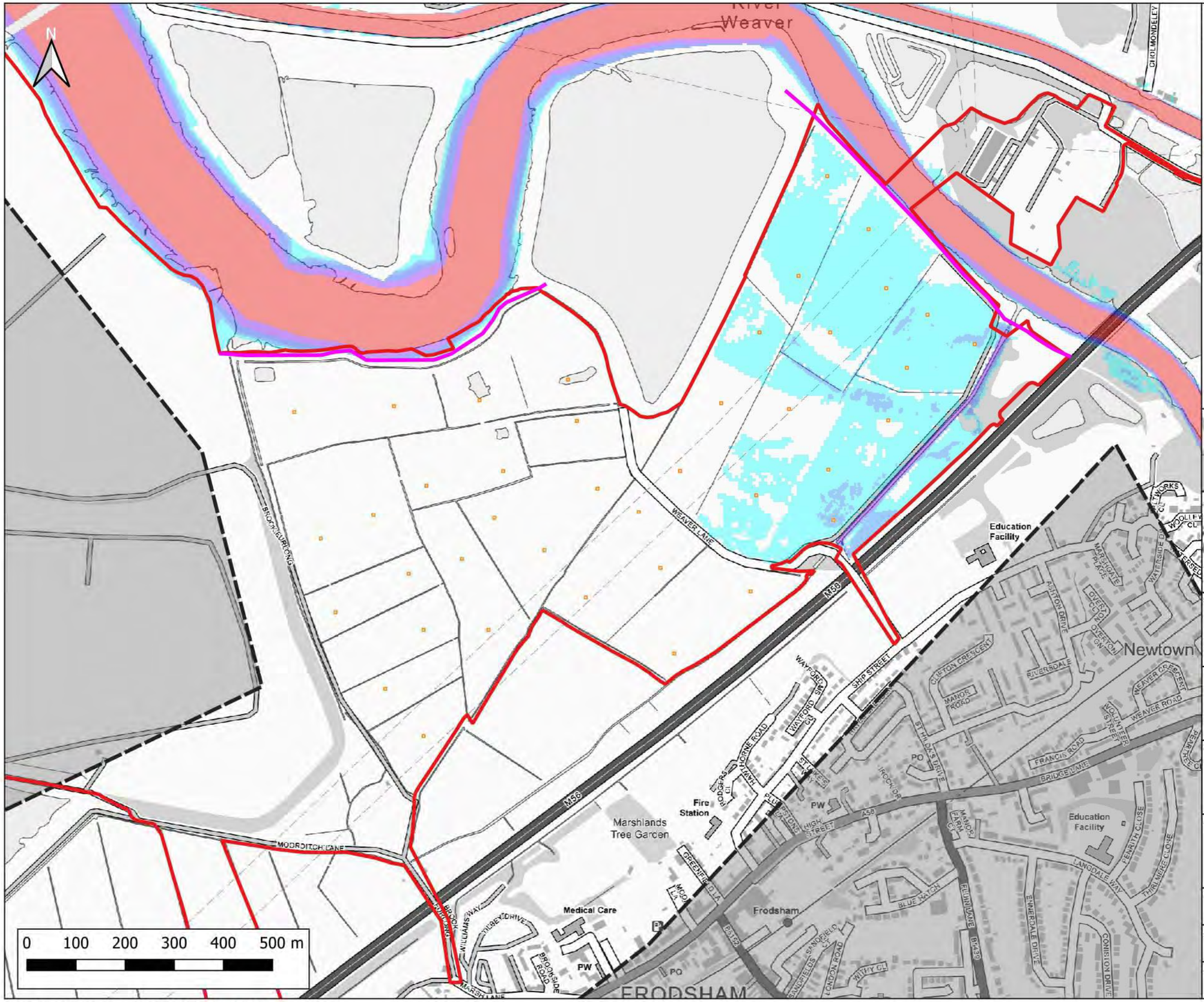


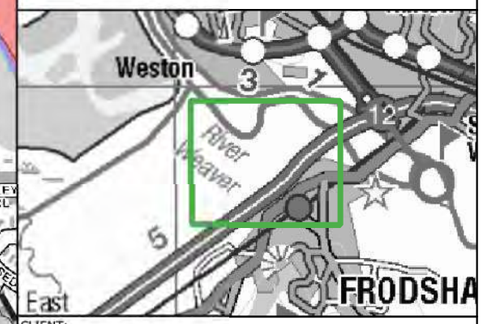
Notes:
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

LEGEND

- Site Boundary
- 2D Model Extent
- 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



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:	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_d_Max	-

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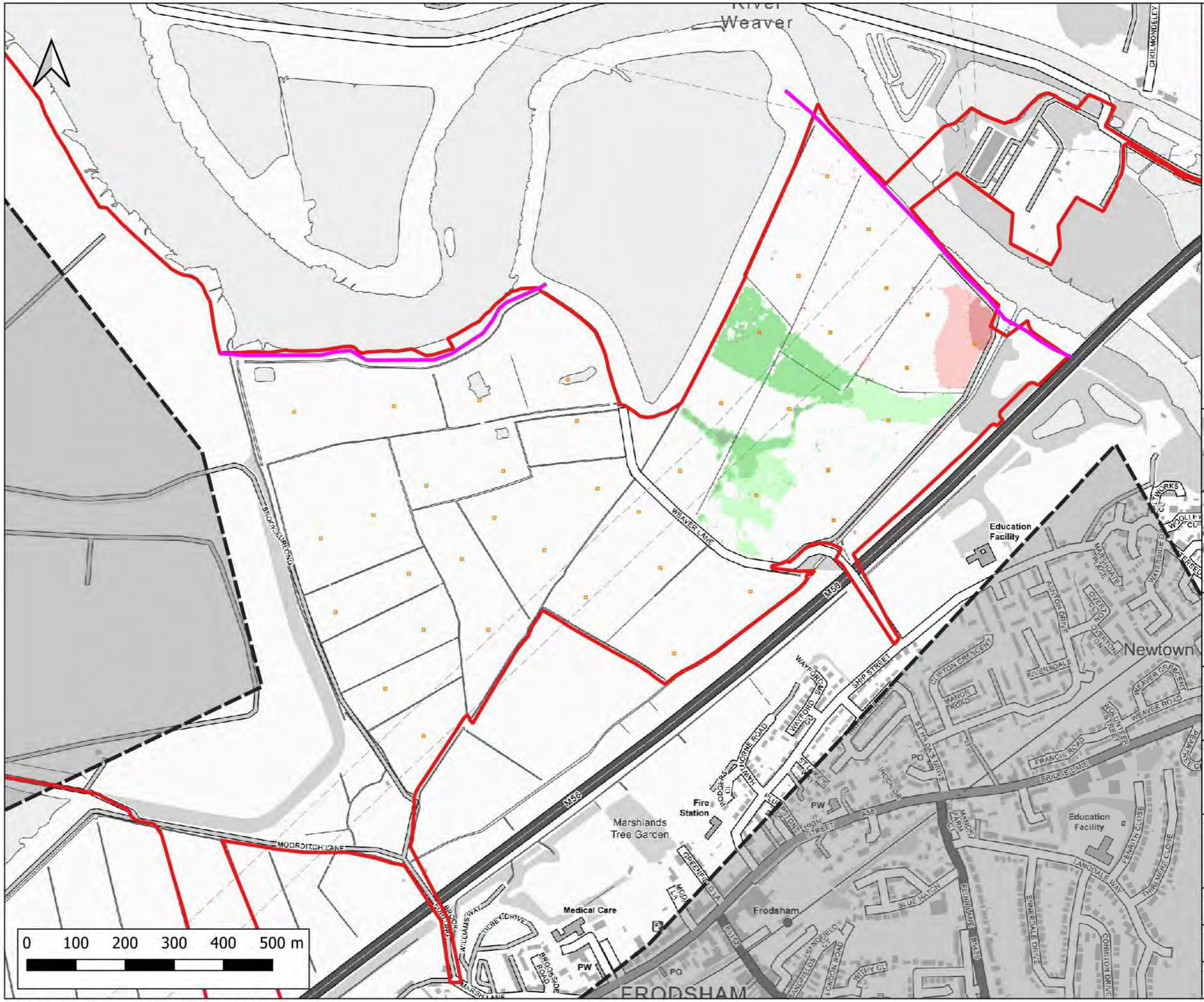

Notes:
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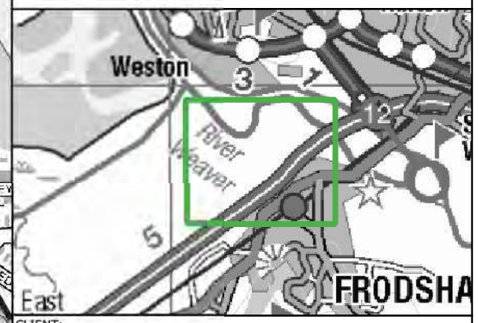
LEGEND

- 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:
Frodsham Solar Ltd

waterco
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	30-04-2025

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

PLOT NAME:	REVISION:
14740_LW_DEF_DEV2-EXG_Q100_M(LOIN)_ME(MHWS)_052_d_Diff	-

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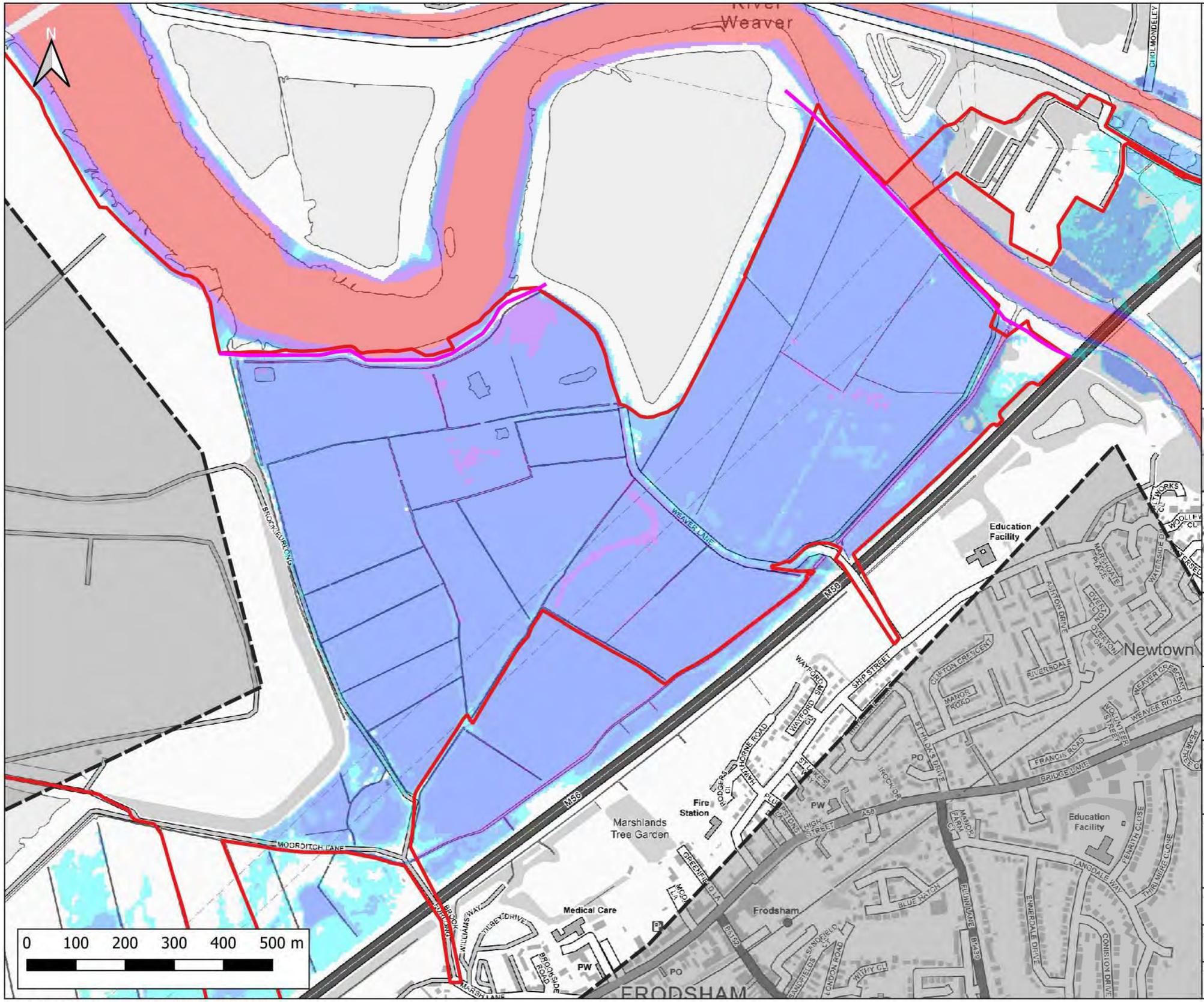


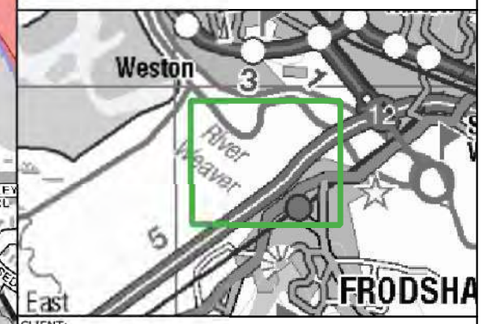
Notes:
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

LEGEND

- Site Boundary
- 2D Model Extent
- 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 Weaver Maximum Flood Depth
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(MHWSCC)_052_d_Max	-

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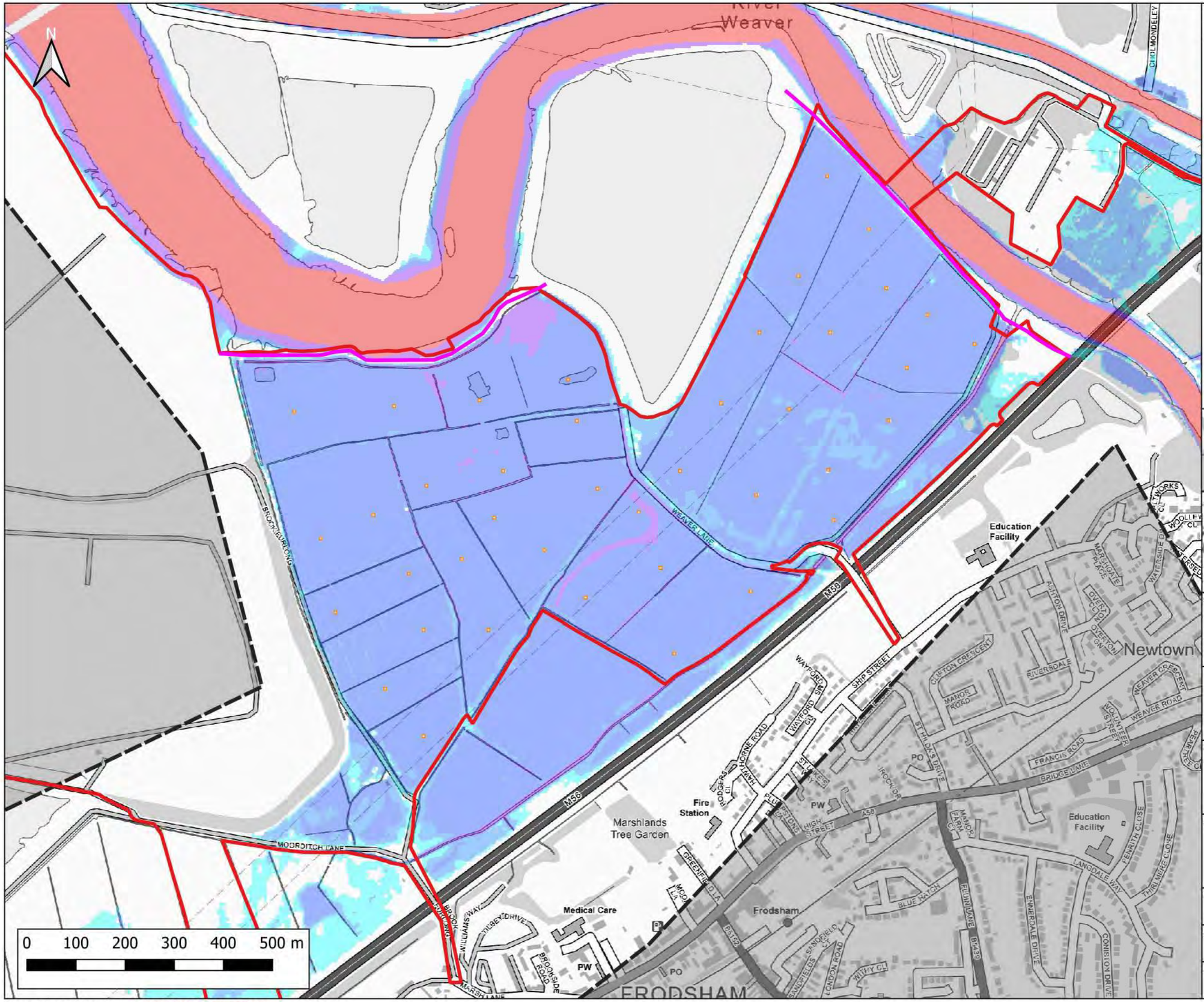


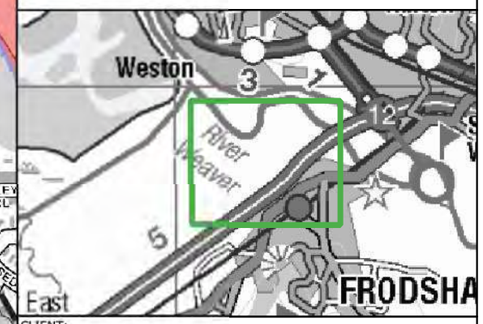
Notes:
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

LEGEND

- Site Boundary
- 2D Model Extent
- 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



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 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(MHWSCC)_052_d_Max	-

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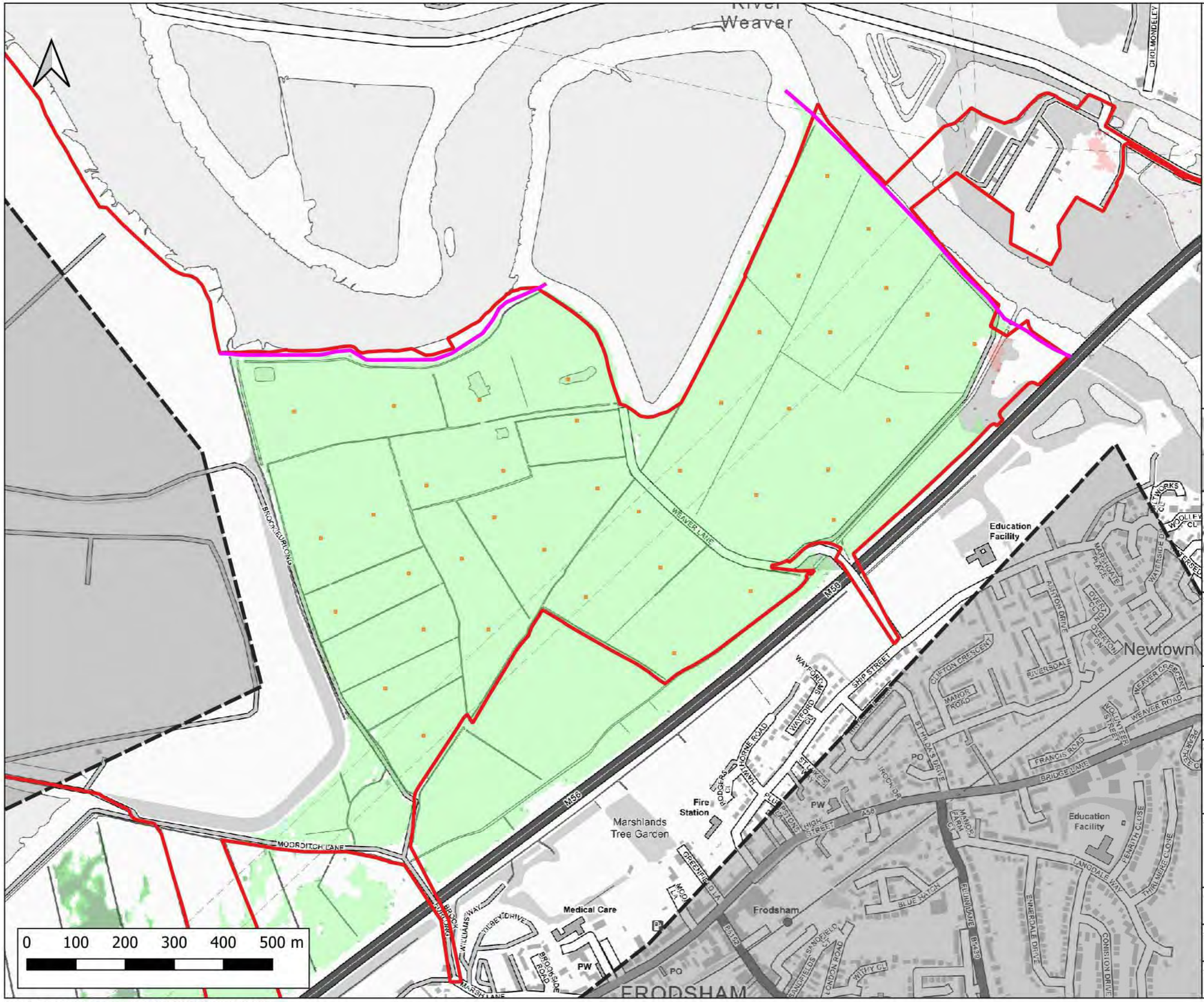


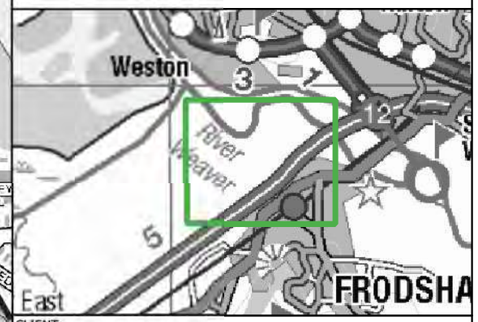
Notes:
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

LEGEND

- Site Boundary
- 2D Model Extent
- 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:
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
Defended DEV - EXG

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

PLOT NAME:	REVISION:
14740_LW_DEF_DEV2-EXG_Q100CC67_M(L0W)_ME(MHWSCC)_052_d_Diff	-

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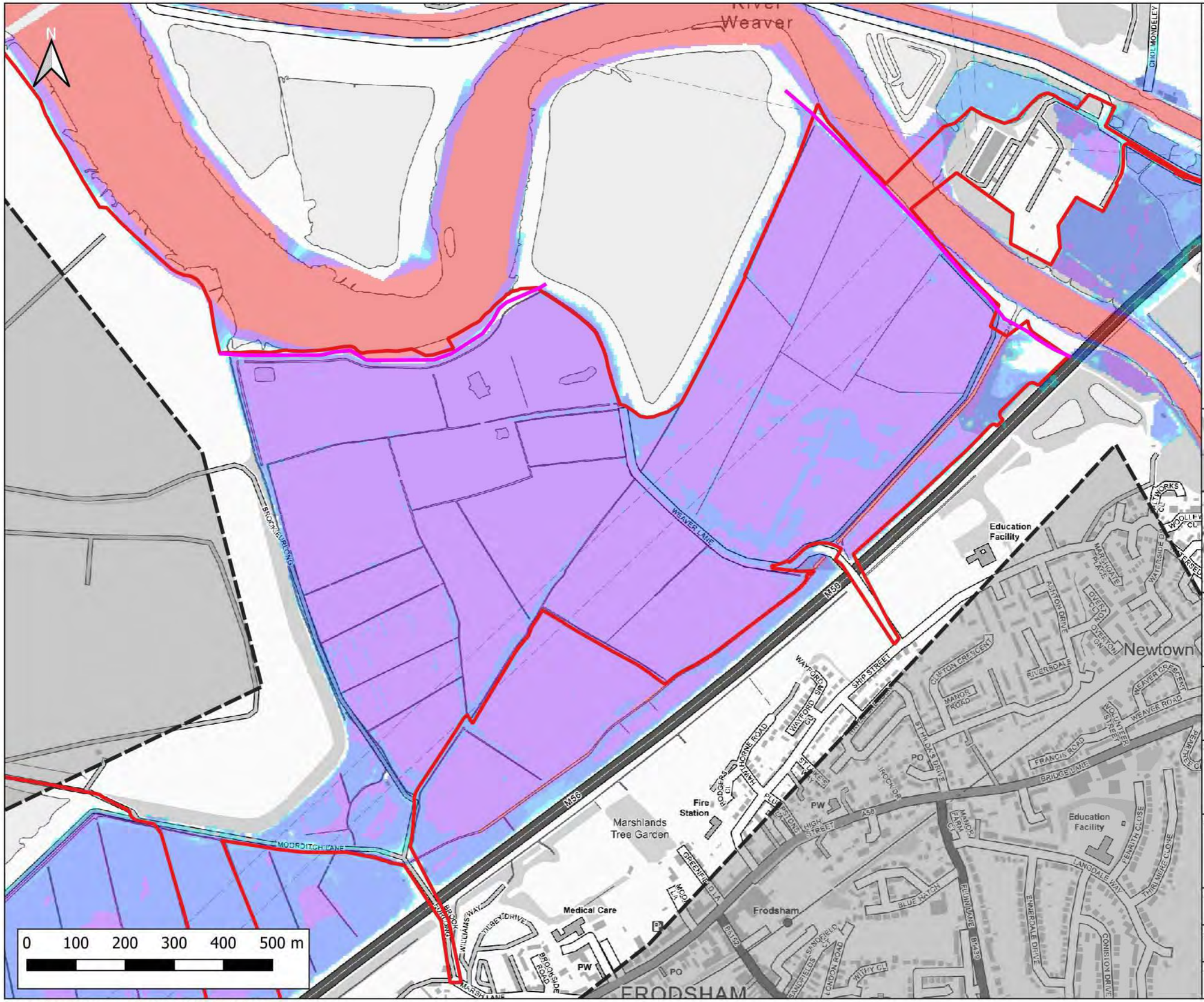


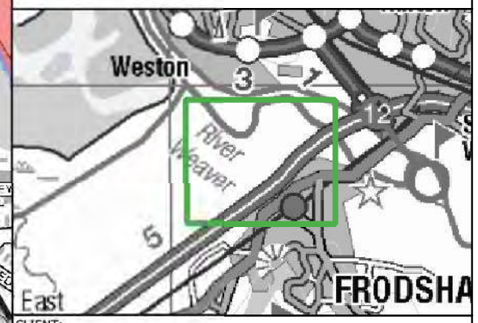
Notes:
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

LEGEND

- Site Boundary
- 2D Model Extent
- 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 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)_ME(T200HC_2075UE)_052_d_Max	-

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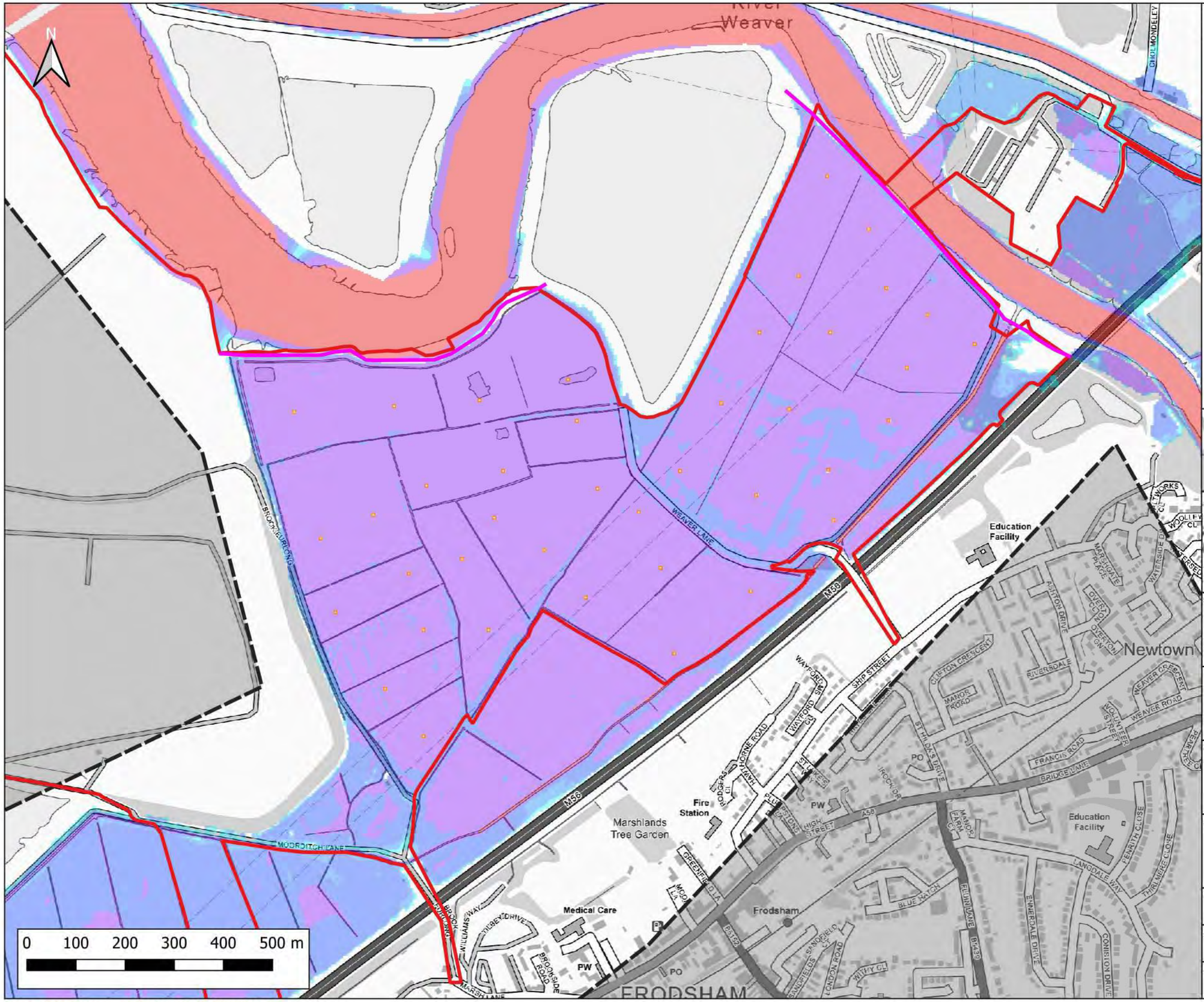


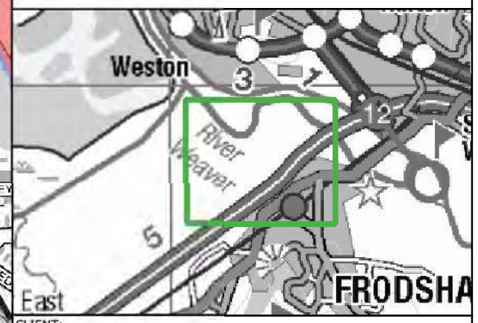
Notes:
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

LEGEND

- Site Boundary
- 2D Model Extent
- 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



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:	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_d_Max	-

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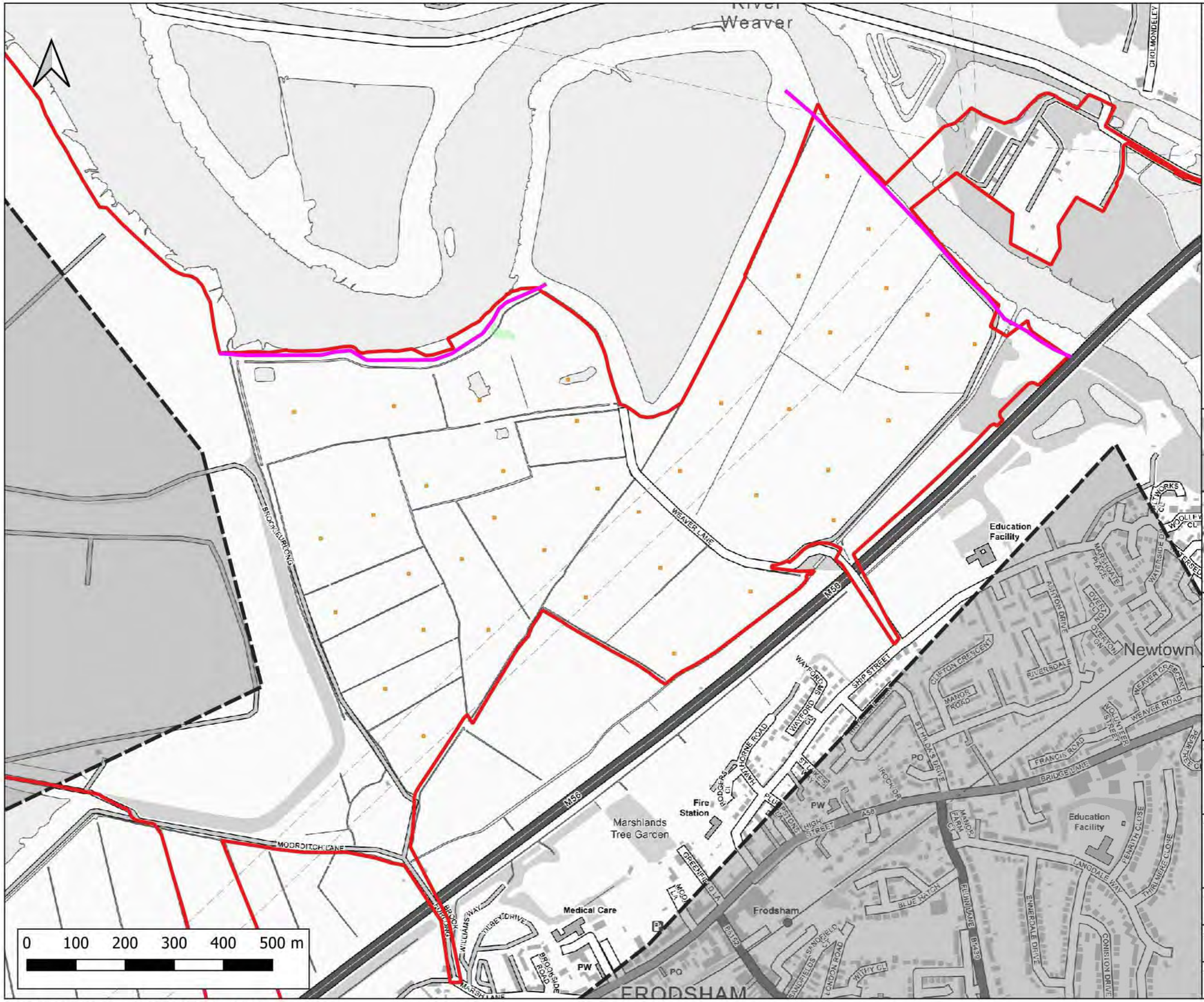


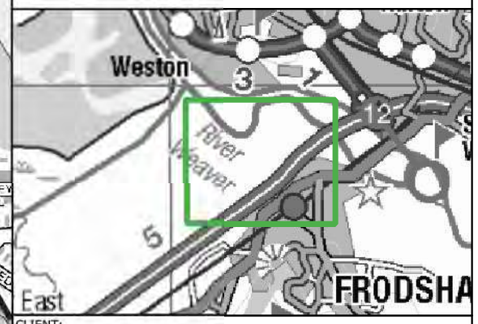
Notes:
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

LEGEND

- Site Boundary
- 2D Model Extent
- 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:
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)
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(LOW)_ME(T200HC_2075UE)_052_d_Diff	-

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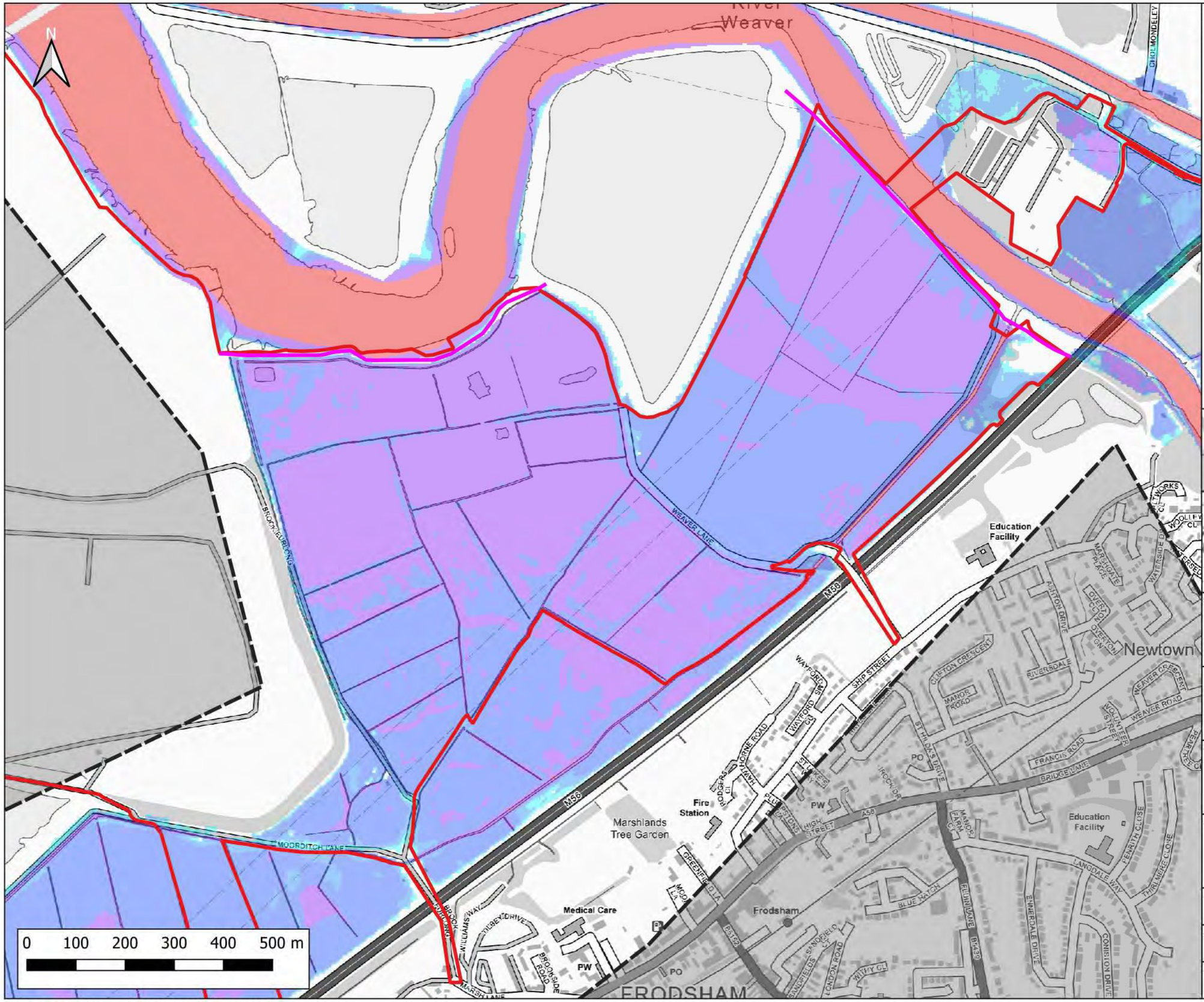


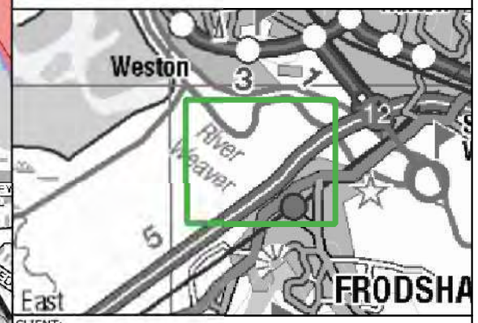
Notes:
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

LEGEND

- Site Boundary
- 2D Model Extent
- 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 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(LOW)_ME(MHWSCC)_052_d_Max	-

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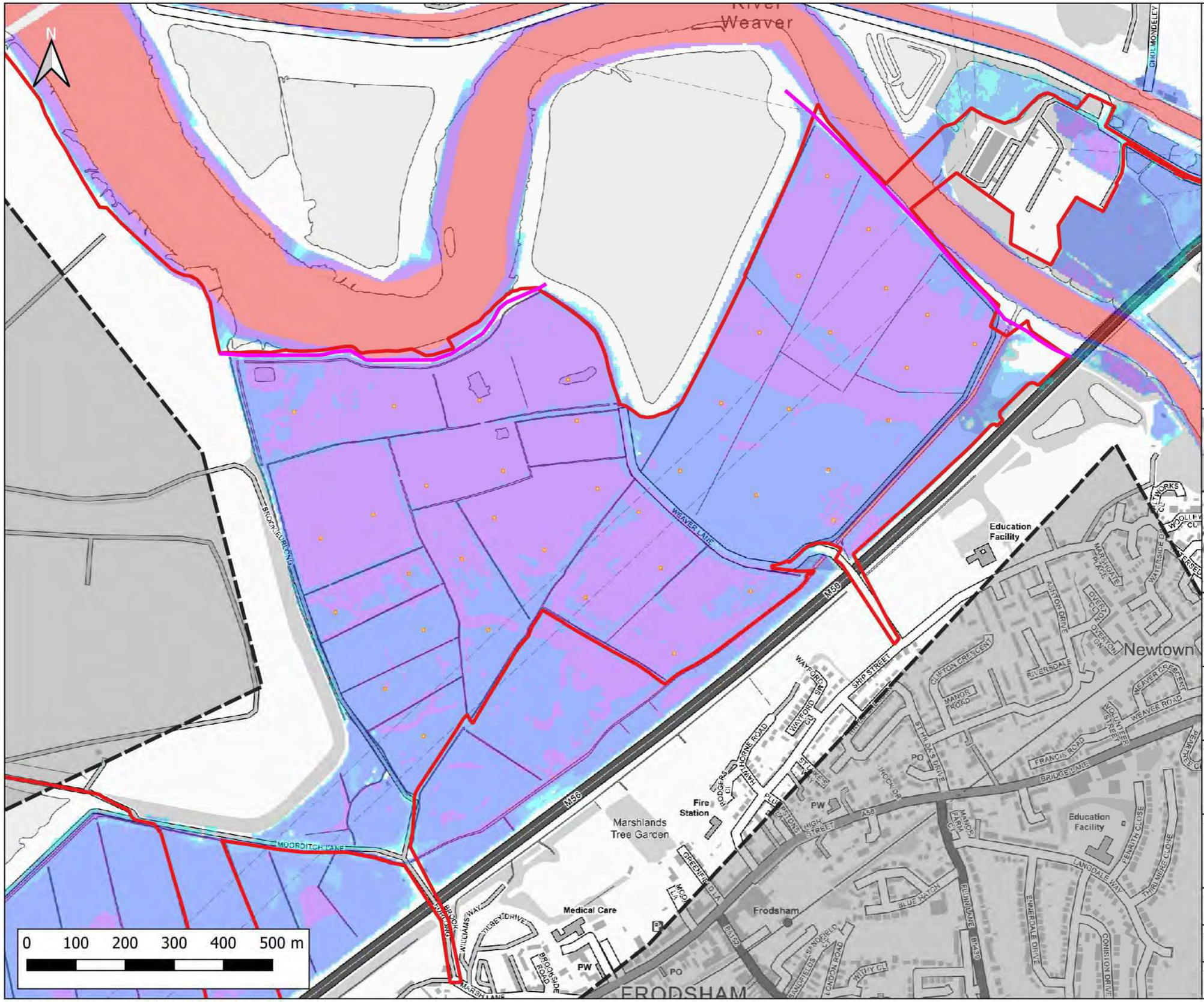


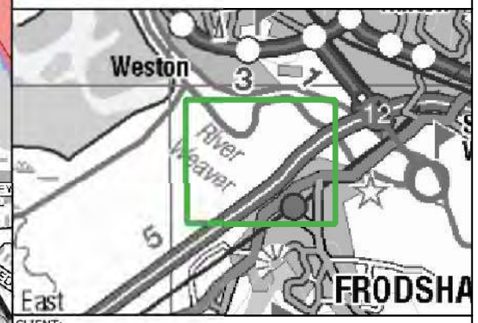
Notes:
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

LEGEND

- Site Boundary
- 2D Model Extent
- 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



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
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_Q100CC106_M(LOW)_ME(MHWSCC)_052_d_Max	-

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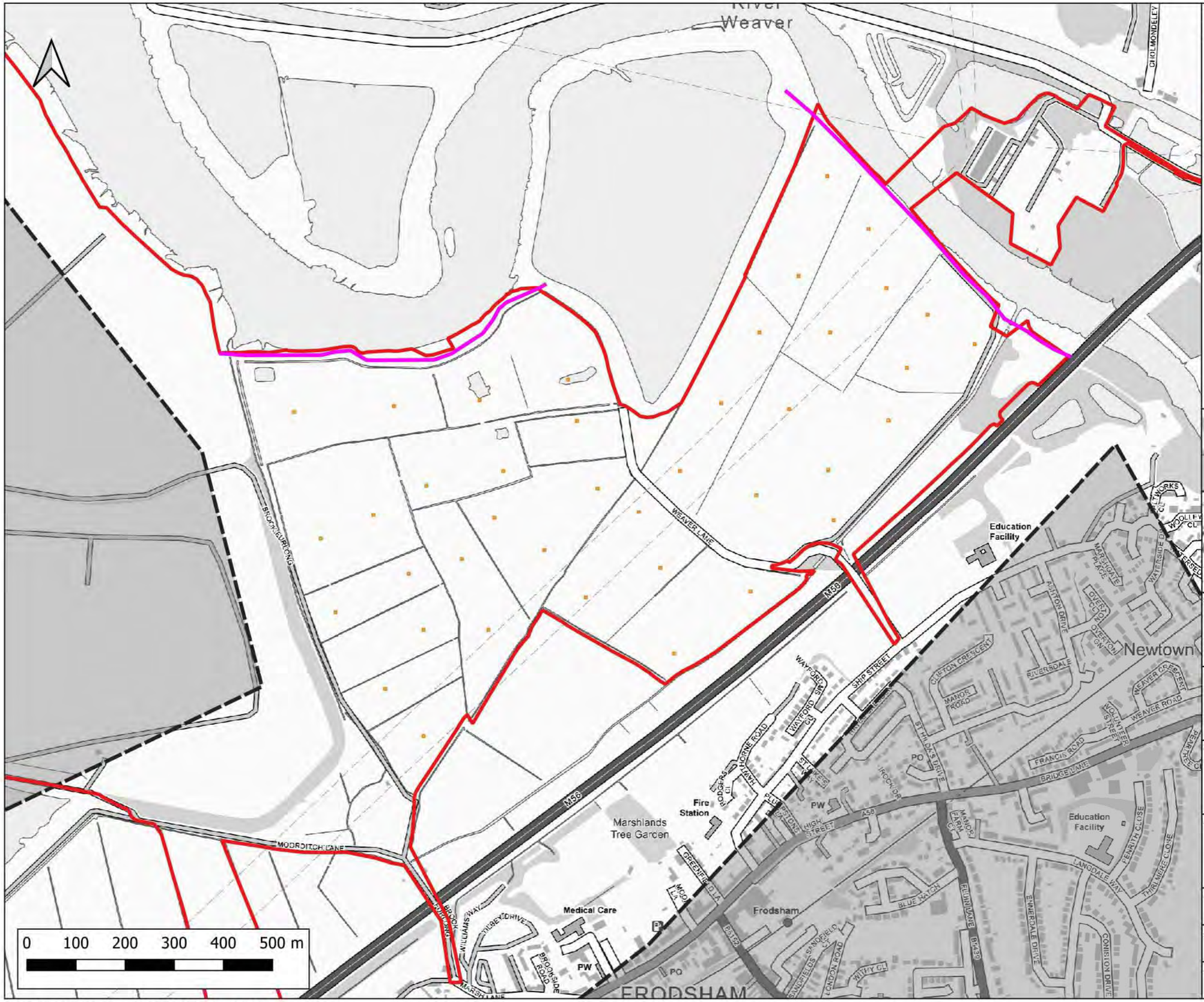


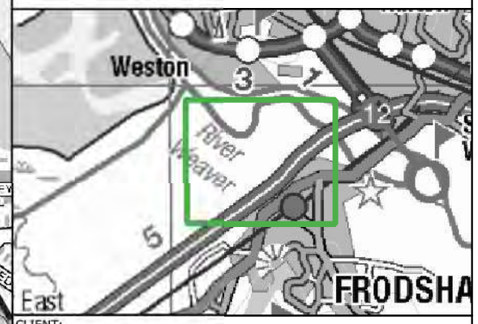
Notes:
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

LEGEND

- Site Boundary
- 2D Model Extent
- 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:
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
Defended DEV - EXG

PLOT STATUS:			DATE:
FINAL			30-04-2025
DRAWN: MH	CHECKED: AP	APPROVED: LS	PLOT SCALE AT A3: 1:7500
PLOT NAME: 14740_LW_DEF_DEV2-EXG_Q100CC106_M(LOW)_ME(MHWSCC)_052_d_Diff			REVISION: -

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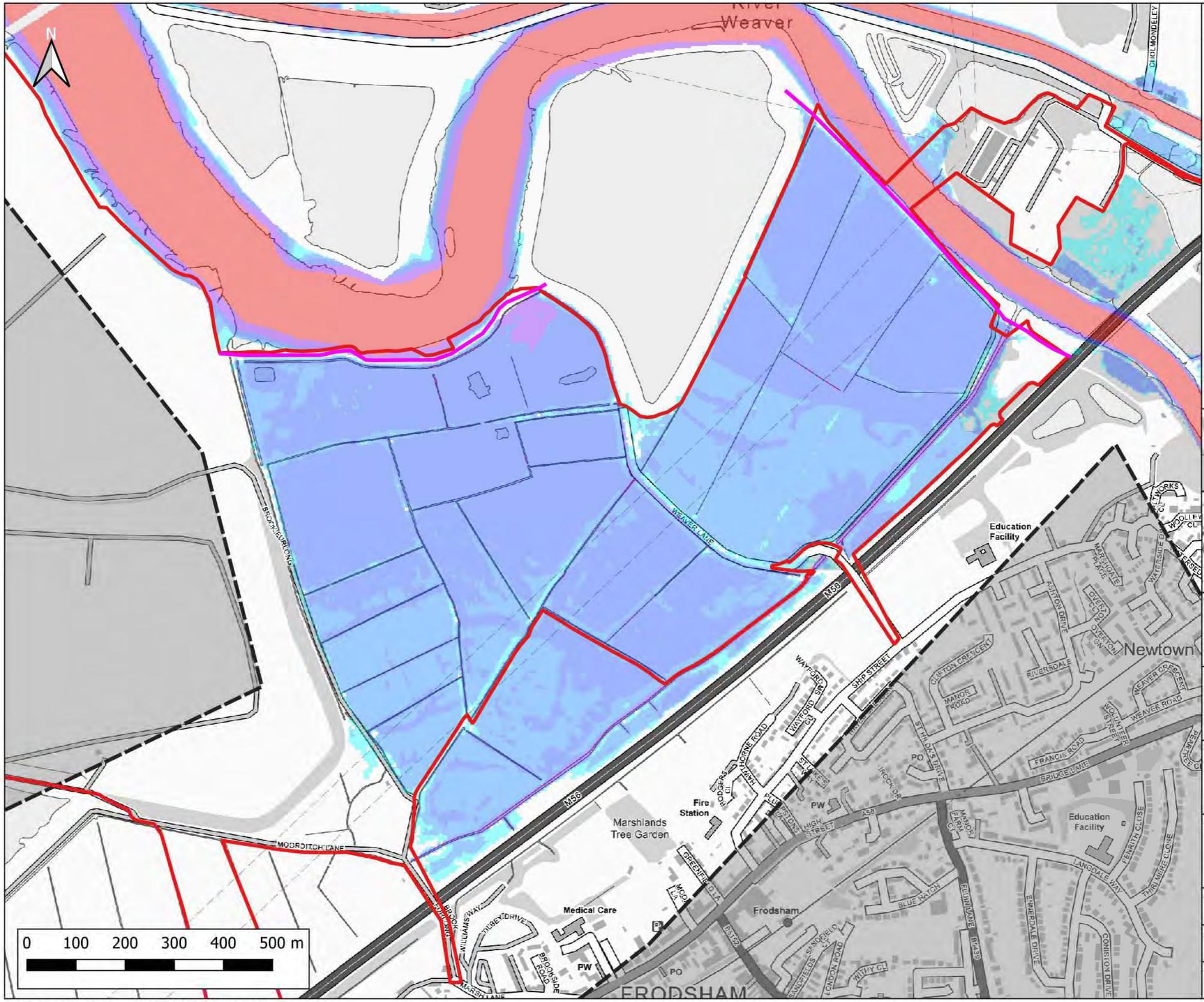


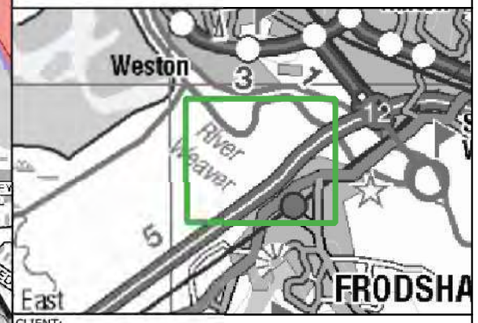
Notes:
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

LEGEND

- Site Boundary
- 2D Model Extent
- 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 Weaver Maximum Flood Depth
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_d_Max	-

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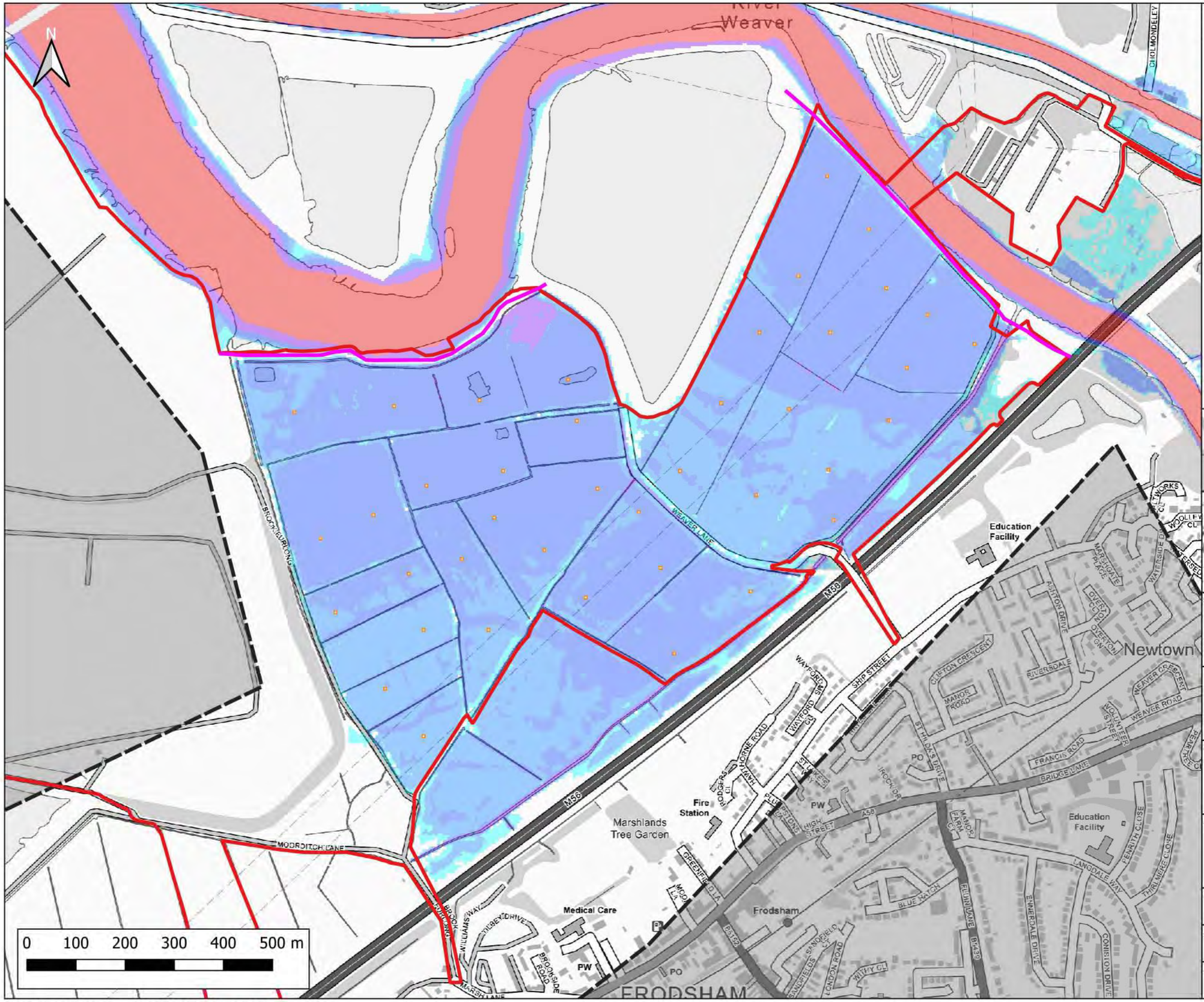


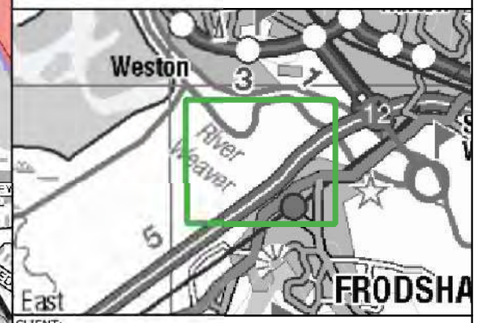
Notes:
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

LEGEND

- Site Boundary
- 2D Model Extent
- 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



CLIENT:
Frodsham Solar Ltd

waterco
www.waterco.co.uk

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	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)_ME(MHWS)_052_d_Max	-

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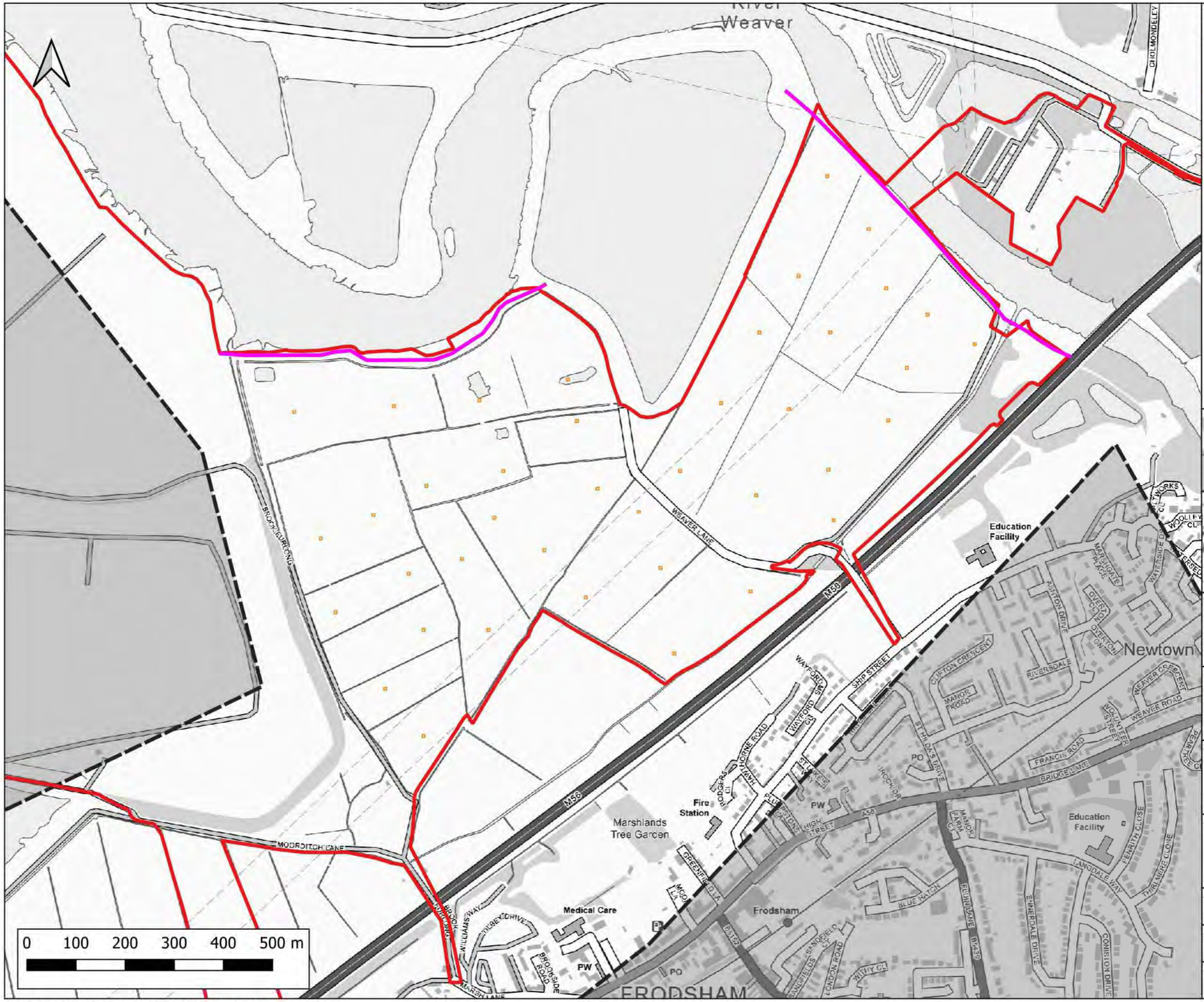


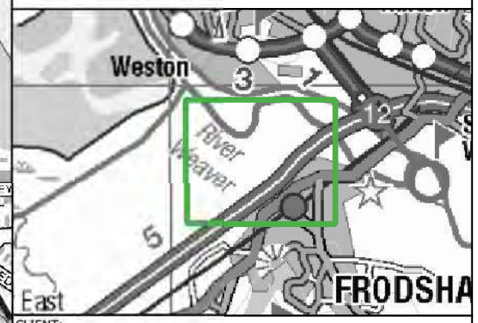
Notes:
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

LEGEND

- Site Boundary
- 2D Model Extent
- 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:
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:	DATE:
FINAL	30-04-2025

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

PLOT NAME:	REVISION:
I4740_LW_DEF_DEV2-EXG_Q1000_M(LOW)_ME(MHWS)_052_d_Diff	-

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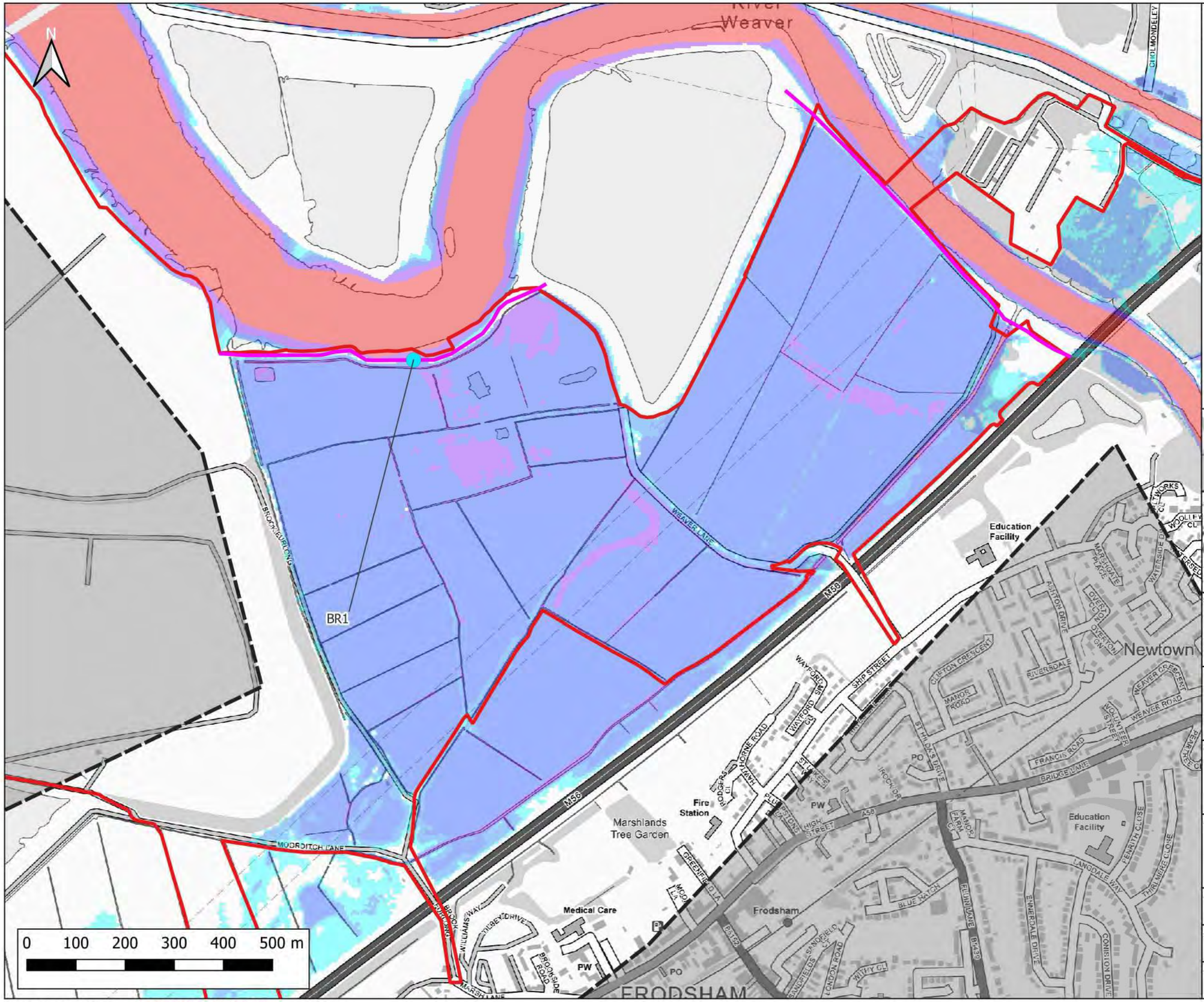


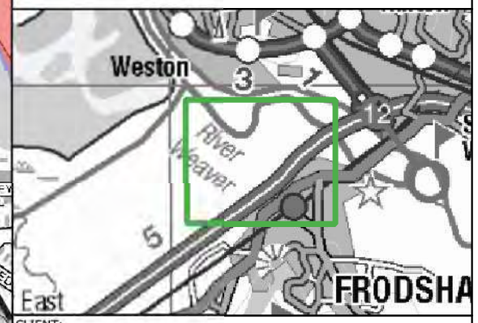
Notes:
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

LEGEND

- Site Boundary
- 2D Model Extent
- 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(LOW)_ME(MHWSCC)_052_d_Max	-

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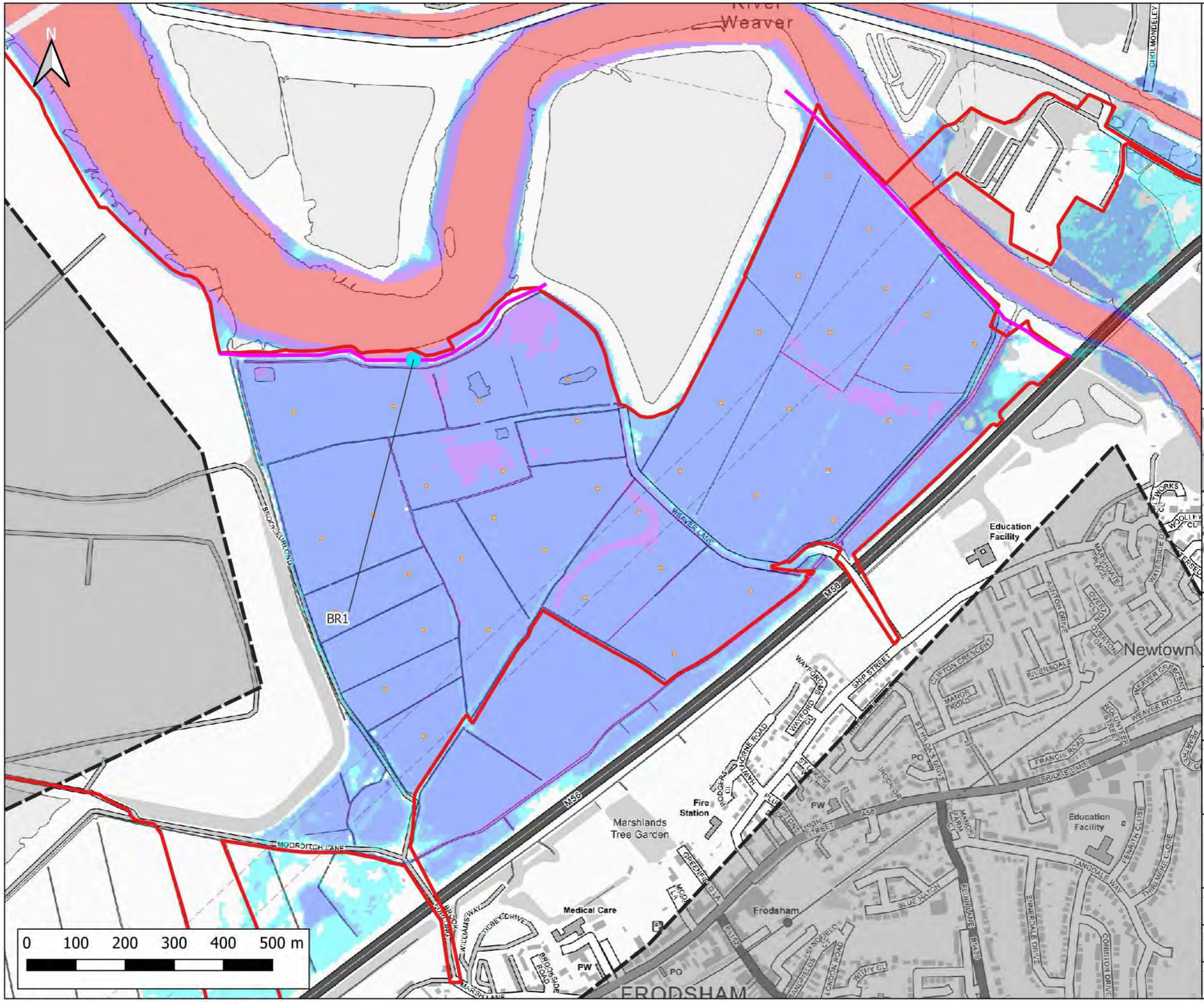


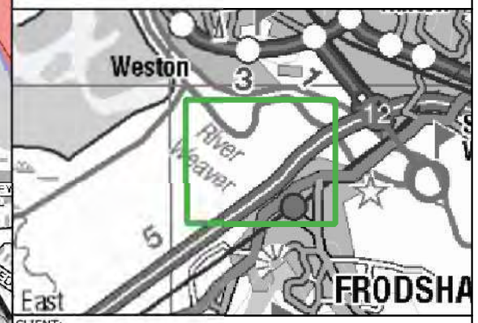
Notes:
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

LEGEND

- Site Boundary
- 2D Model Extent
- 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

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 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(LOW)_ME(MHWSCC)_052_d_Max	-

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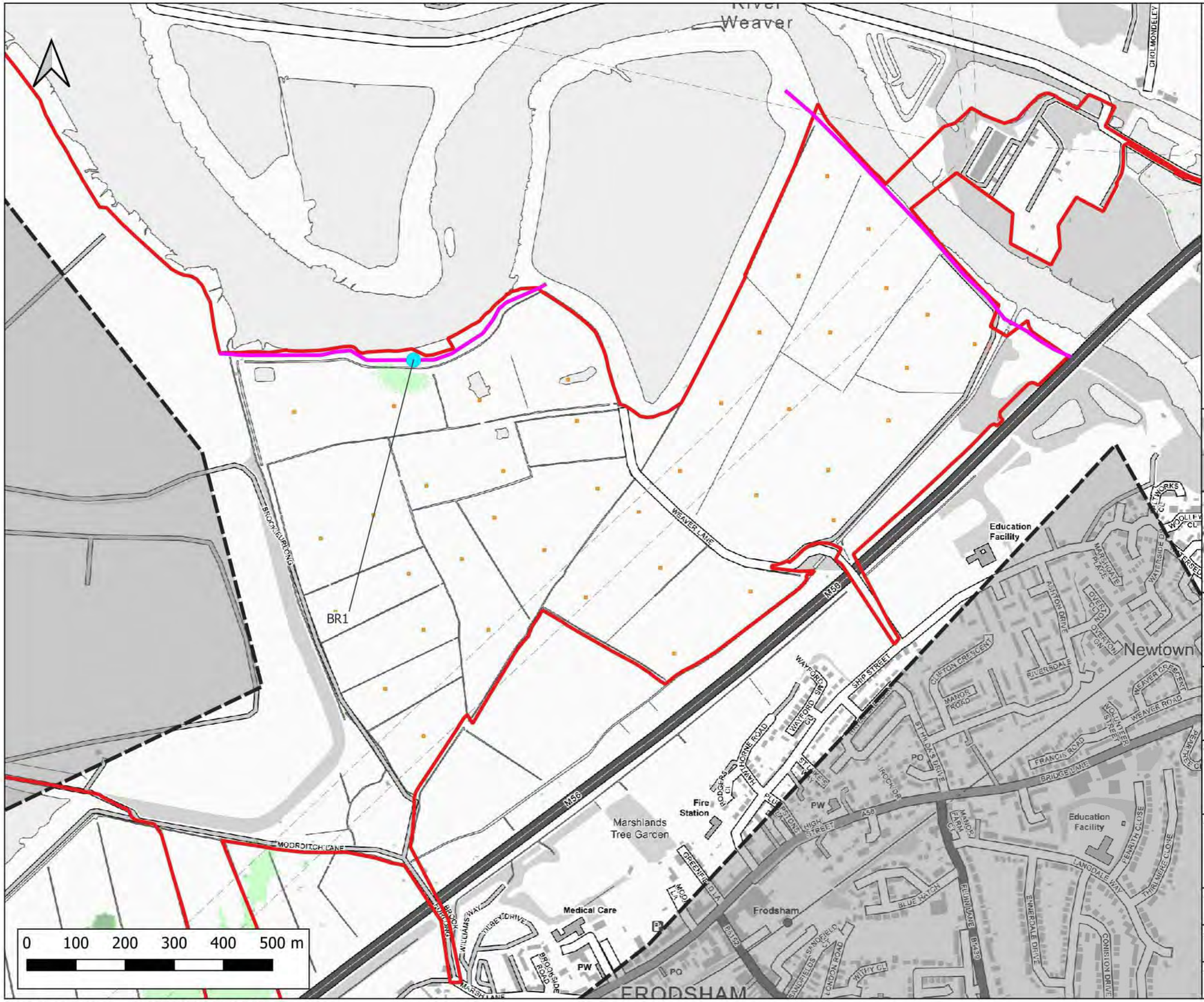
Notes:
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

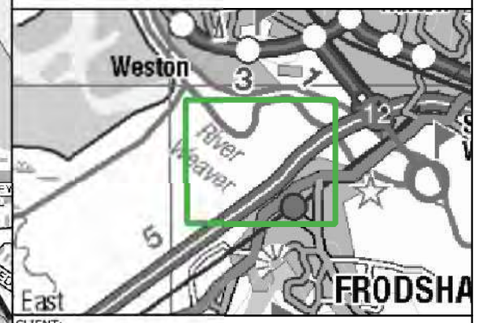
LEGEND

- Site Boundary
- 2D Model Extent
- 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





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:	DATE:
FINAL	30-04-2025

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

PLOT NAME:	REVISION:
14740_LW_BR1_DEV2-EXG_Q100CC67_M(L0W)_ME(MHWSCC)_052_d_Diff	-

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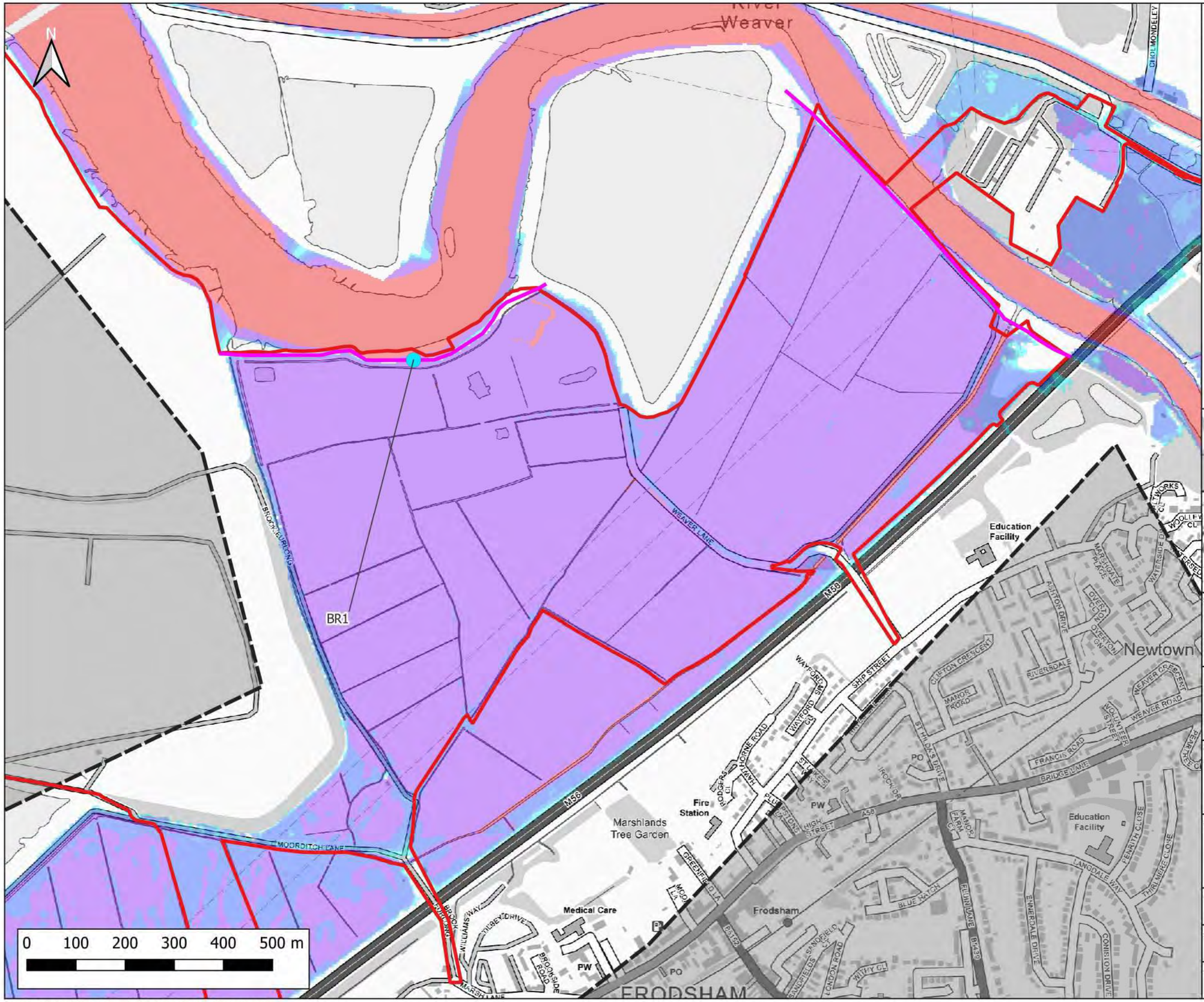


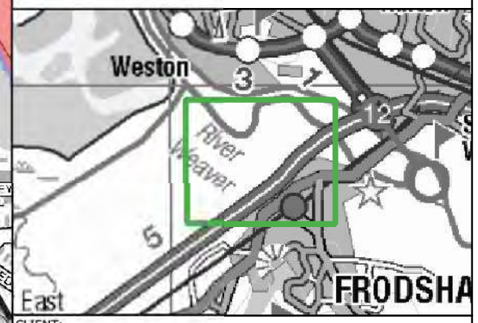
Notes:
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

LEGEND

- Site Boundary
- 2D Model Extent
- 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
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)_M(T200HC_2075UE)_052_d_Max	-

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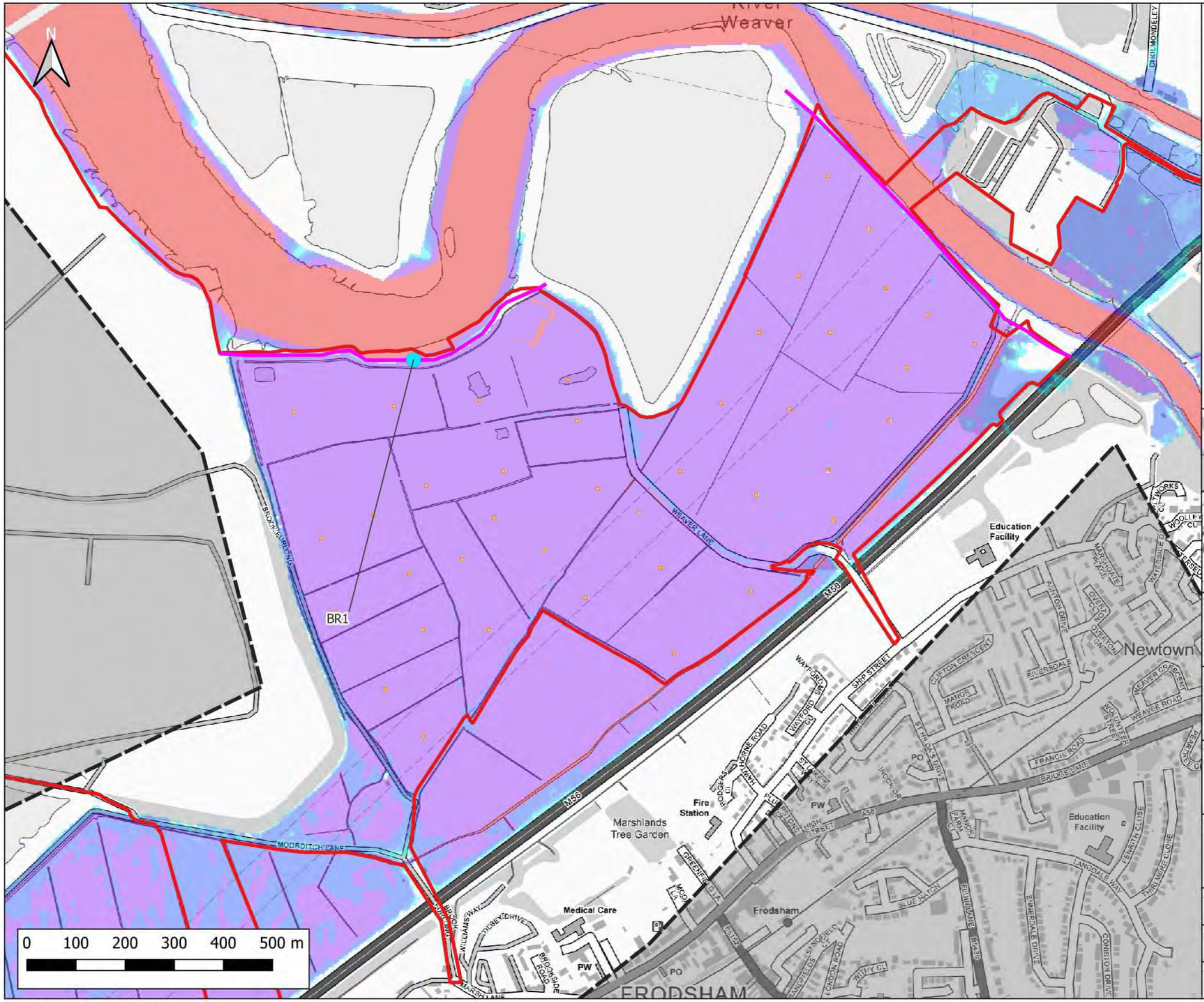


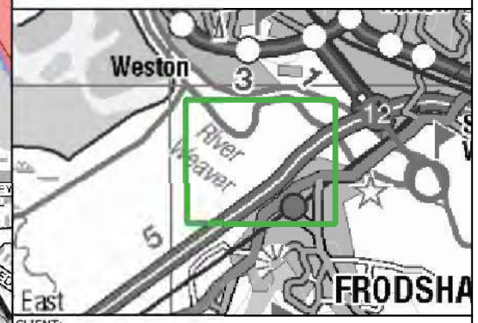
Notes:
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

LEGEND

- Site Boundary
- 2D Model Extent
- 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

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	30-04-2025

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

PLOT NAME:	REVISION:
14740_LW_BR1_DEV2_Q100CC67_M(LOW)_ME(T200HC_2075UE)_052_d_Max	-

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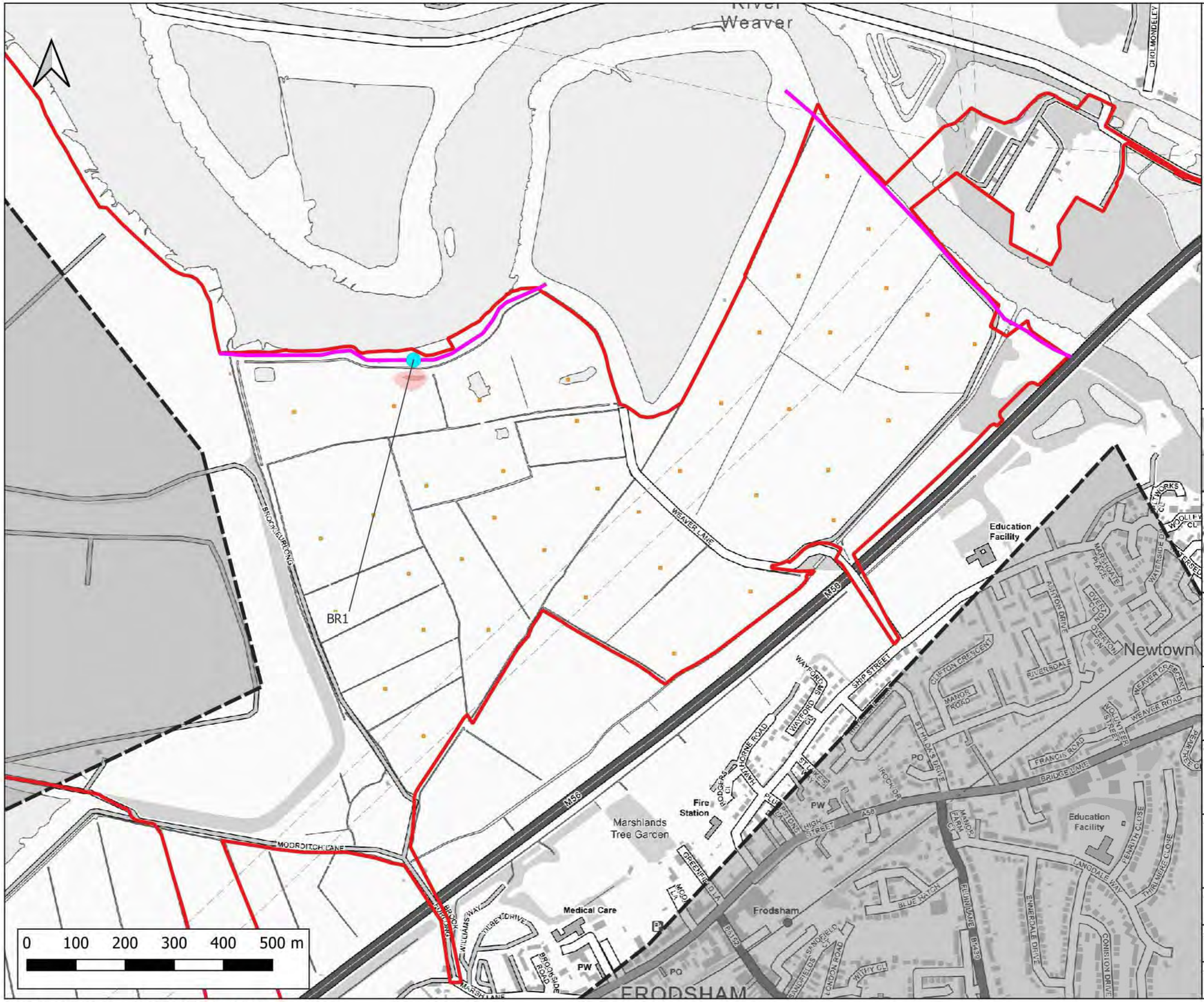
Notes:
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

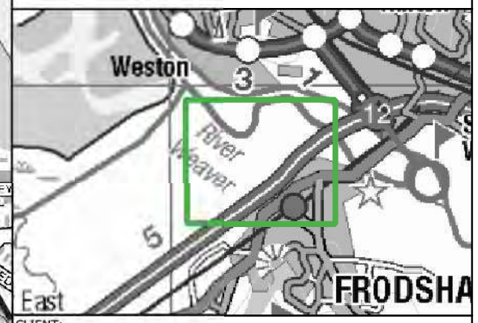
LEGEND

- Site Boundary
- 2D Model Extent
- 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





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:	DATE:
FINAL	30-04-2025

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

PLOT NAME:	REVISION:
14740_LW_BR1_DEV2-EXG_Q100CC67_M(LOW)_ME(T200HC_2075UE)_052_d_Diff	-

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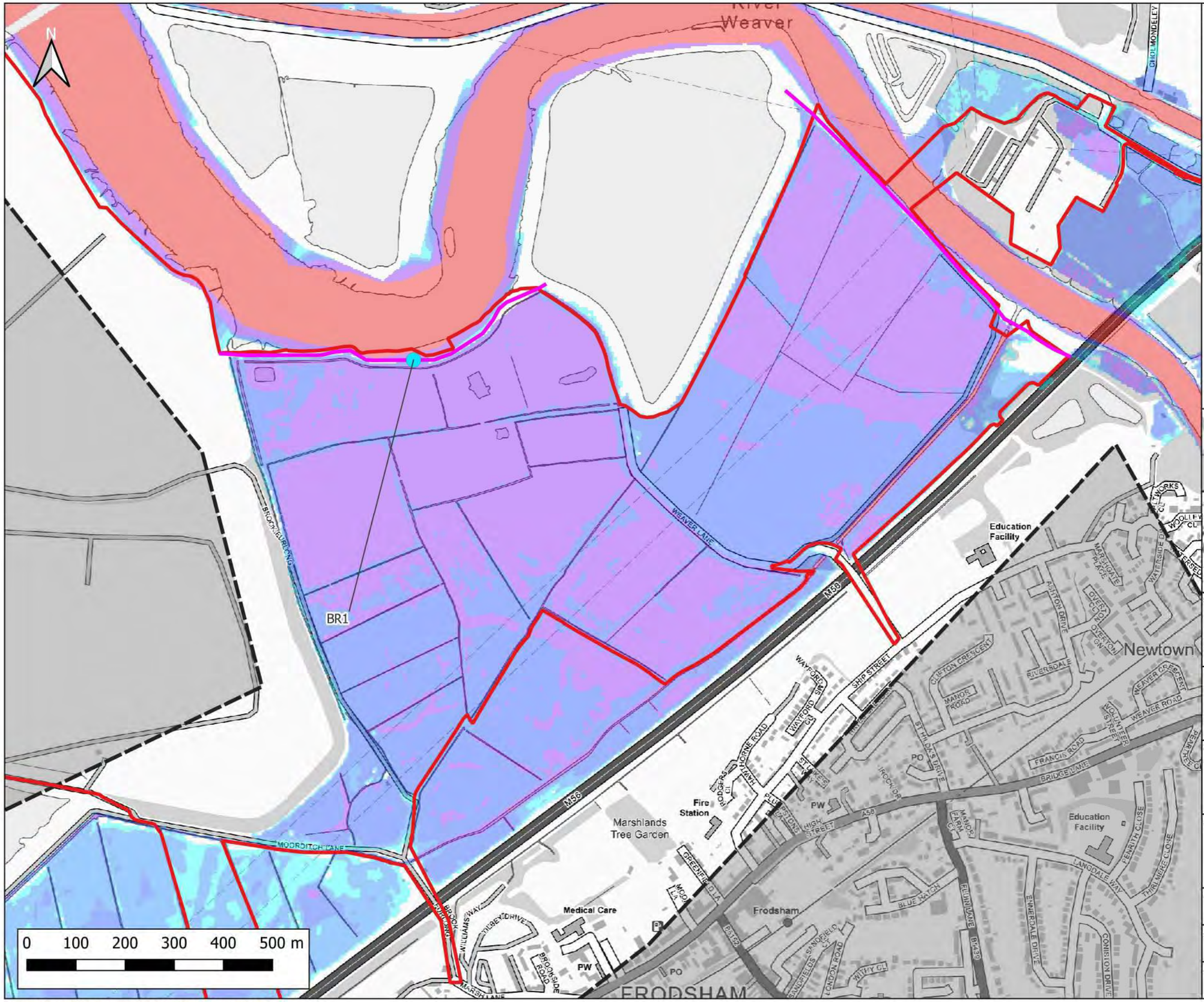


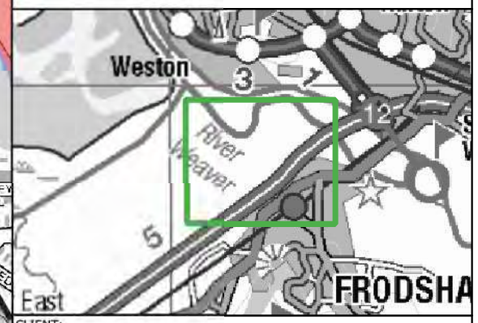
Notes:
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

LEGEND

- Site Boundary
- 2D Model Extent
- 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 +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(LOW)_ME(MHWSCC)_052_d_Max	-

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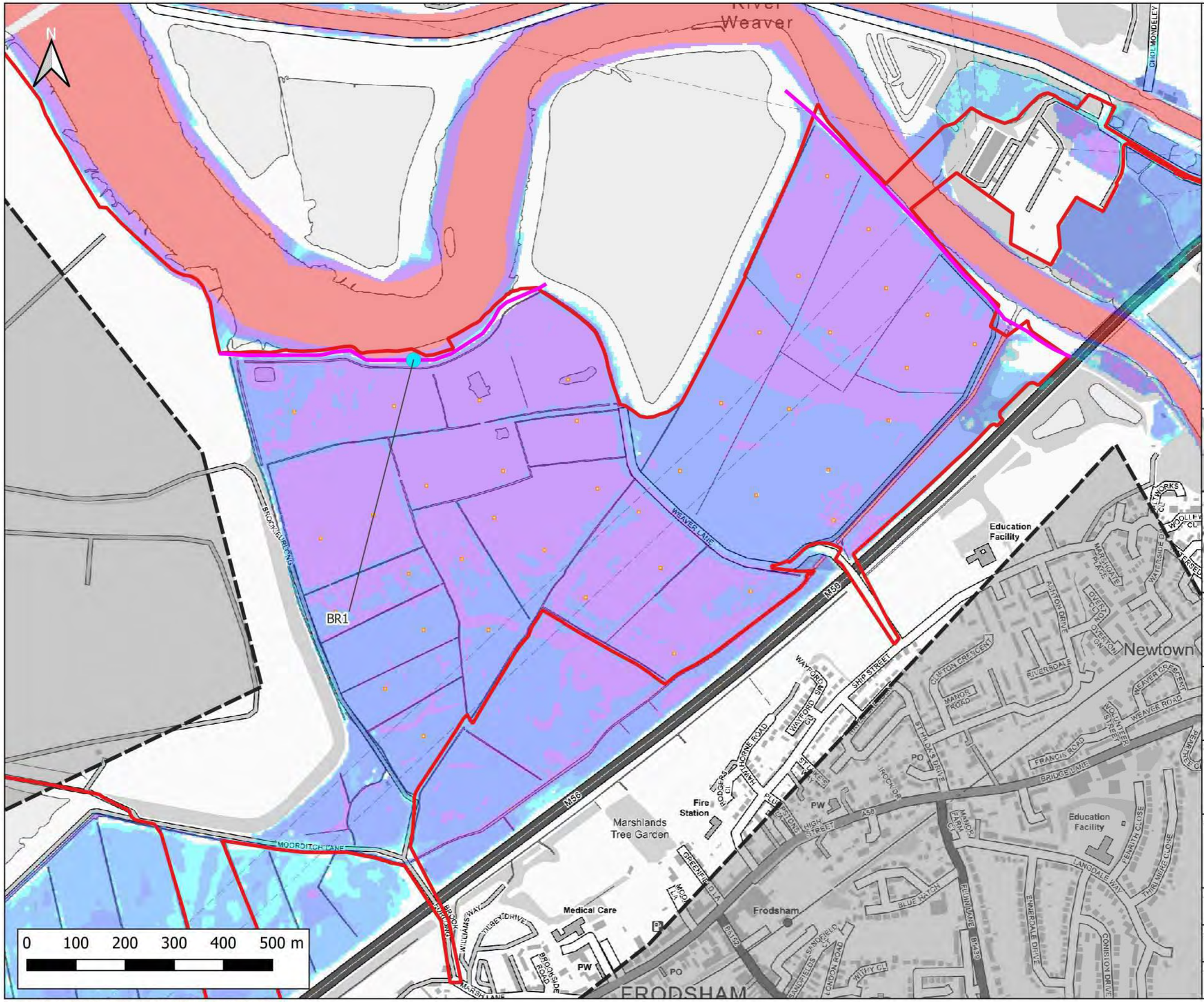


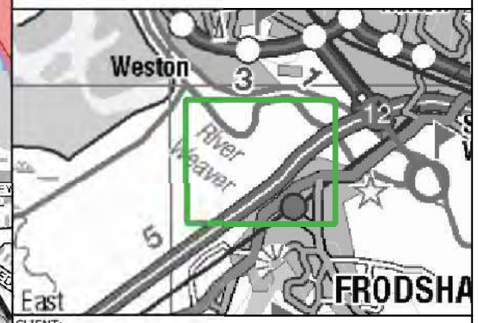
Notes:
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

LEGEND

- Site Boundary
- 2D Model Extent
- 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

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 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(LOW)_ME(MHWSCC)_052_d_Max	-

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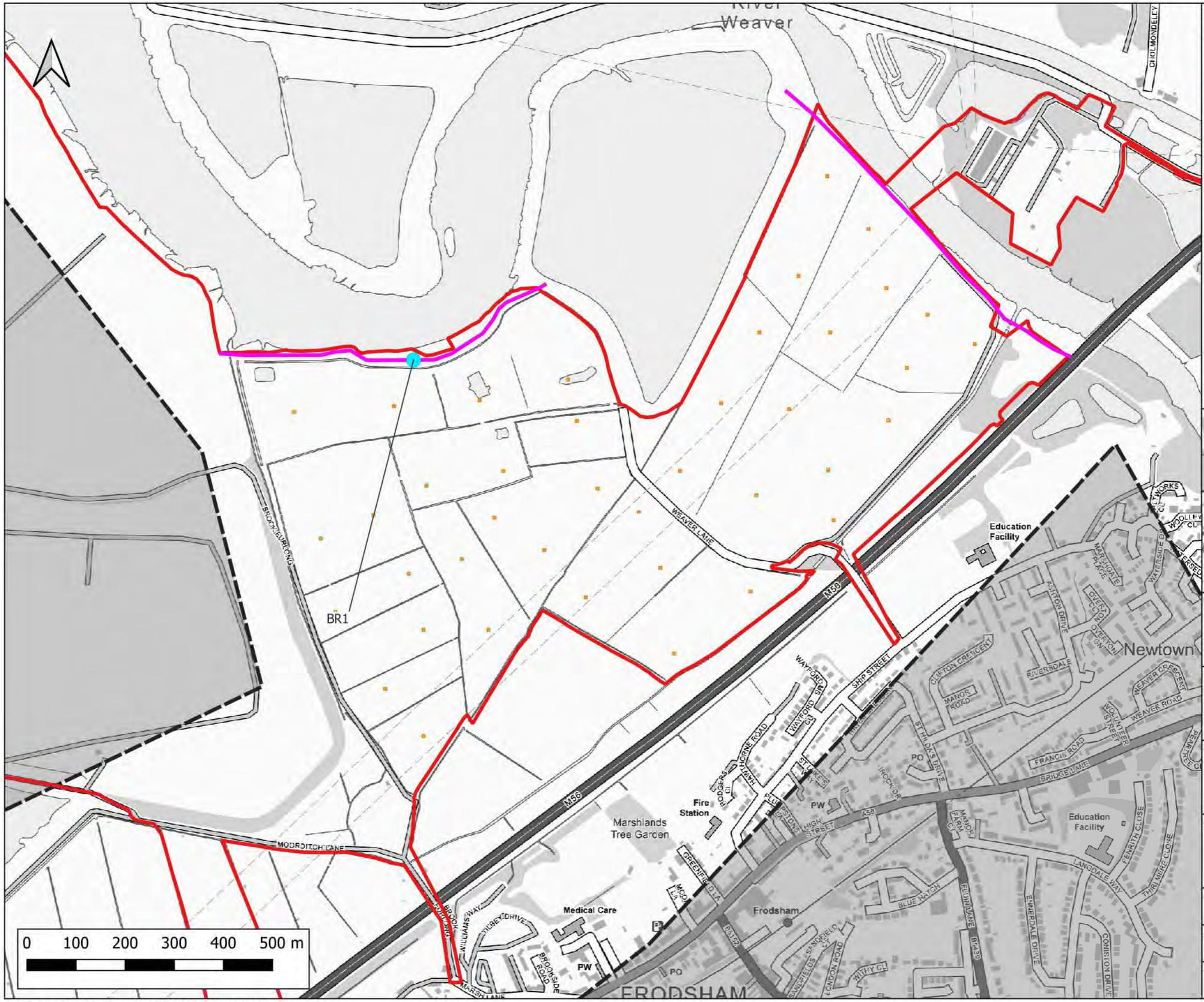
Notes:
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

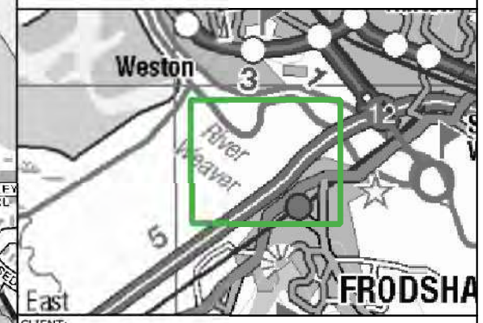
LEGEND

- Site Boundary
- 2D Model Extent
- 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





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:	DATE:
FINAL	30-04-2025

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

PLOT NAME:	REVISION:
14740_LW_BR1_DEV2-EXG_Q100CC106_M(LOW)_ME(MHWSCC)_052_d_Diff	-

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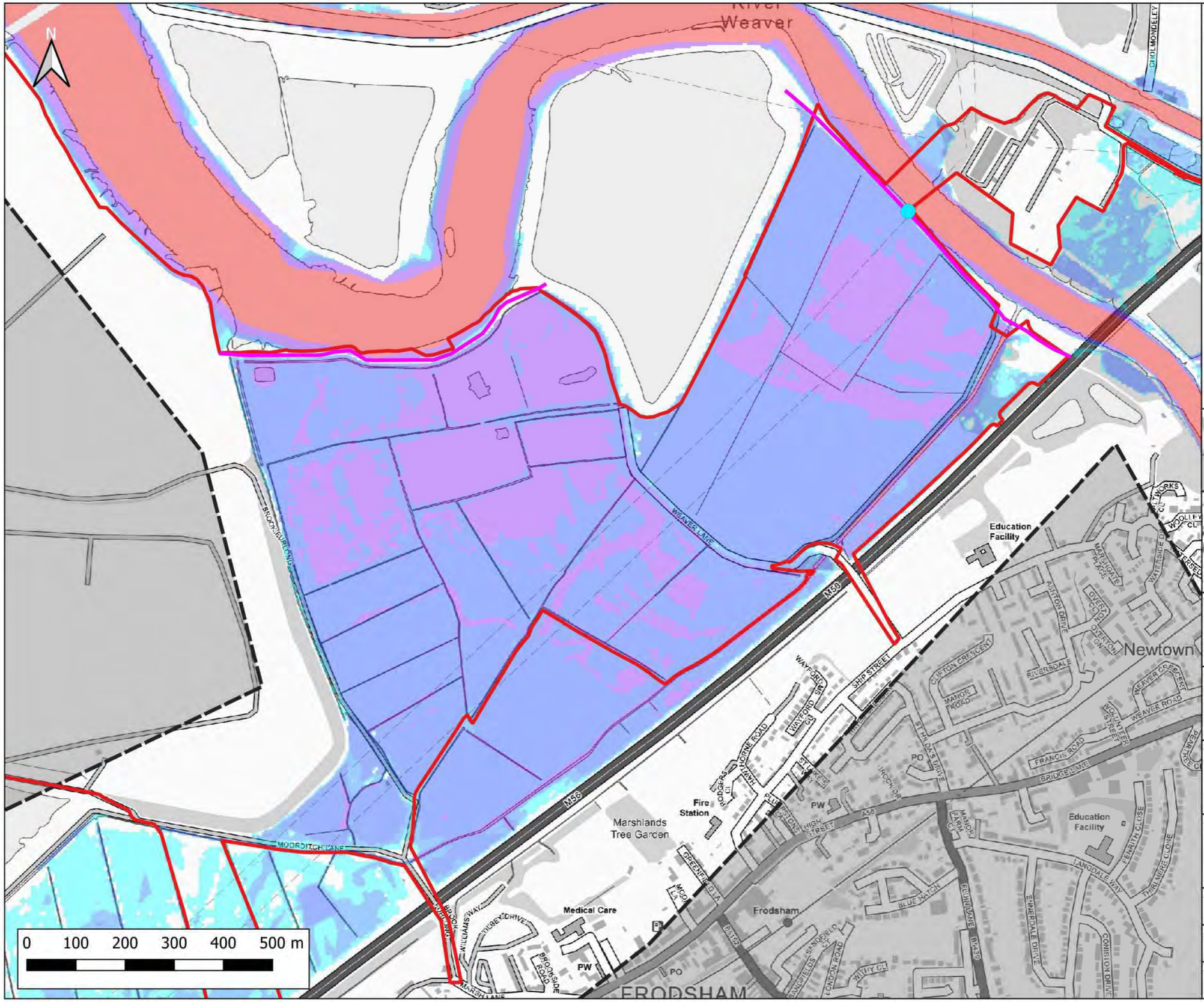


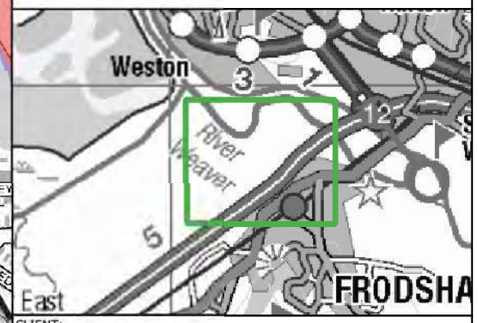
Notes:
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

LEGEND

- Site Boundary
- 2D Model Extent
- 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

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 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)_ME(MHWSCC)_052_d_Max	-

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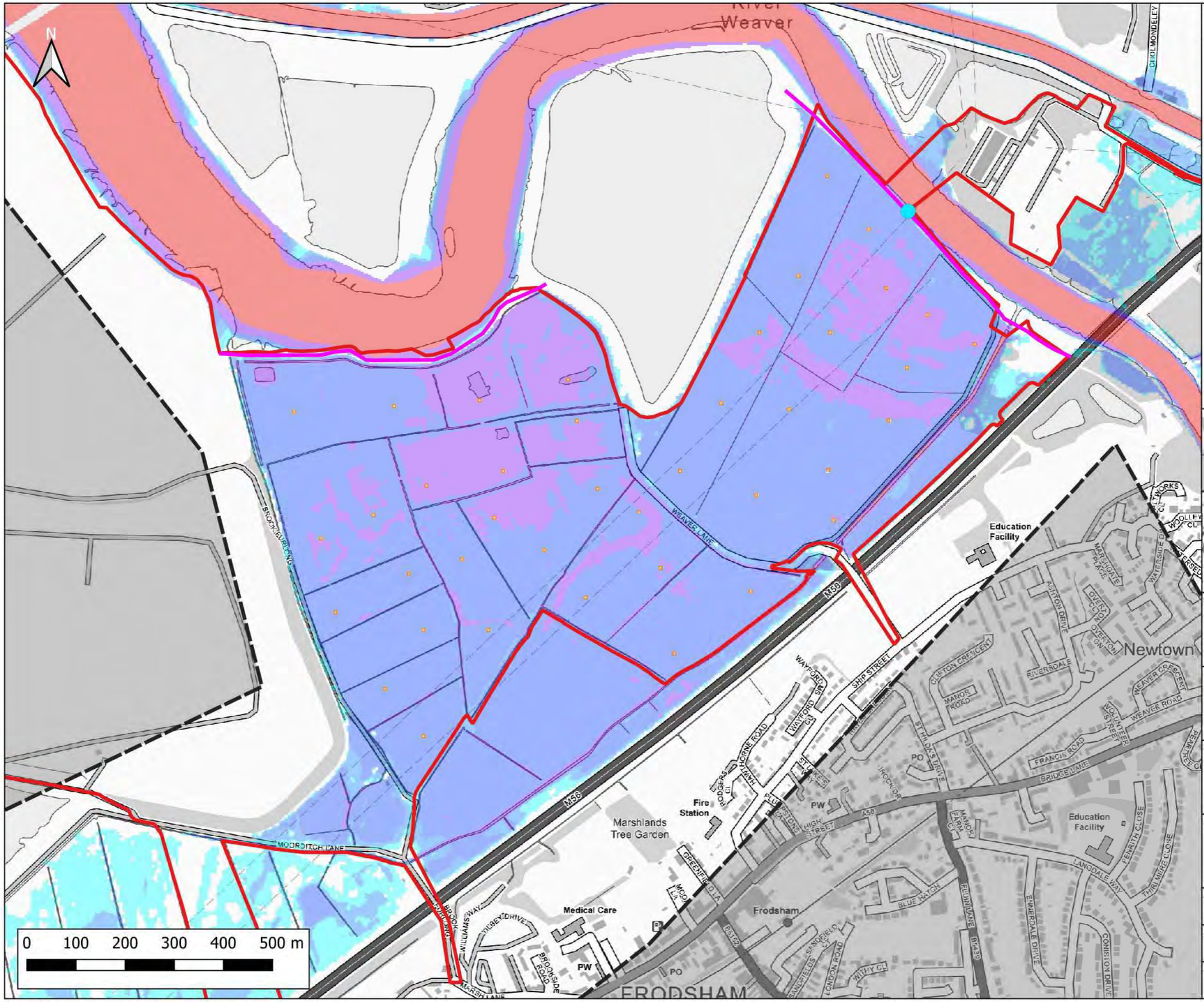


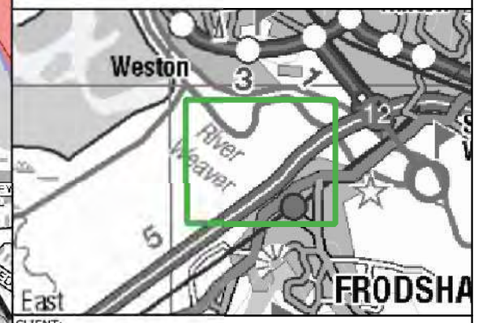
Notes:
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

LEGEND

- Site Boundary
- 2D Model Extent
- 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

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:	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(LOW)_ME(MHWSCC)_052_d_Max	-

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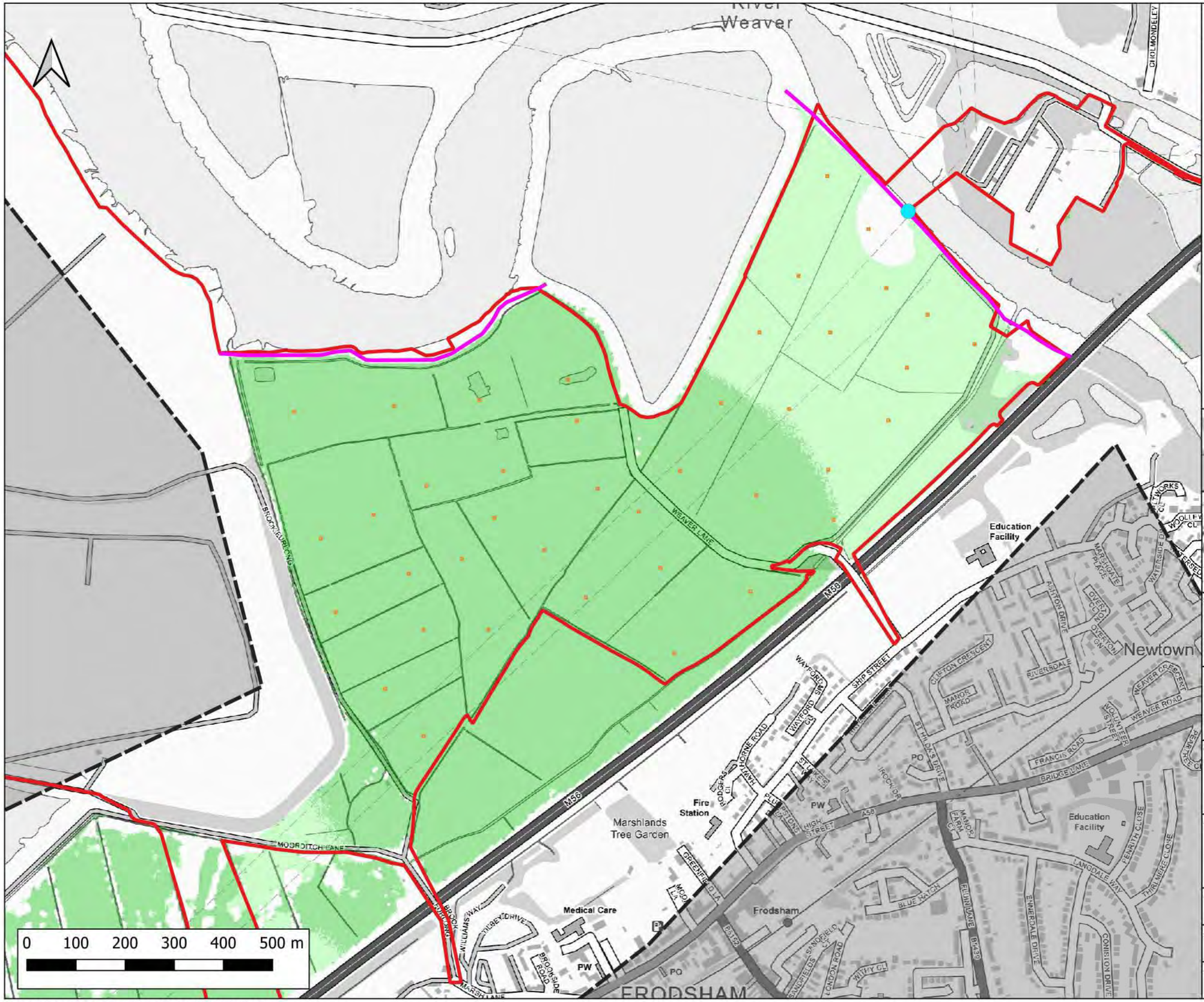


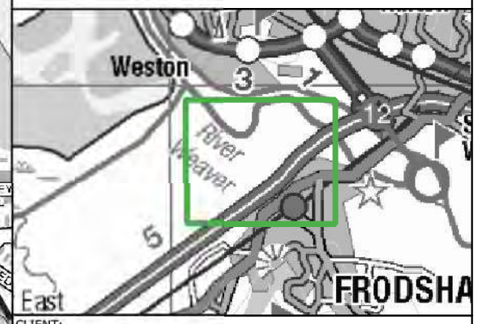
Notes:
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

LEGEND

- Site Boundary
- 2D Model Extent
- 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



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:			DATE:
FINAL			30-04-2025
DRAWN: MH	CHECKED: AP	APPROVED: LS	PLOT SCALE AT A3: 1:7500
PLOT NAME: 14740_LW_BR2_DEV2-EXG_Q100CC67_M(L0W)_ME(MHWSCC)_052_d_Diff			REVISION: -

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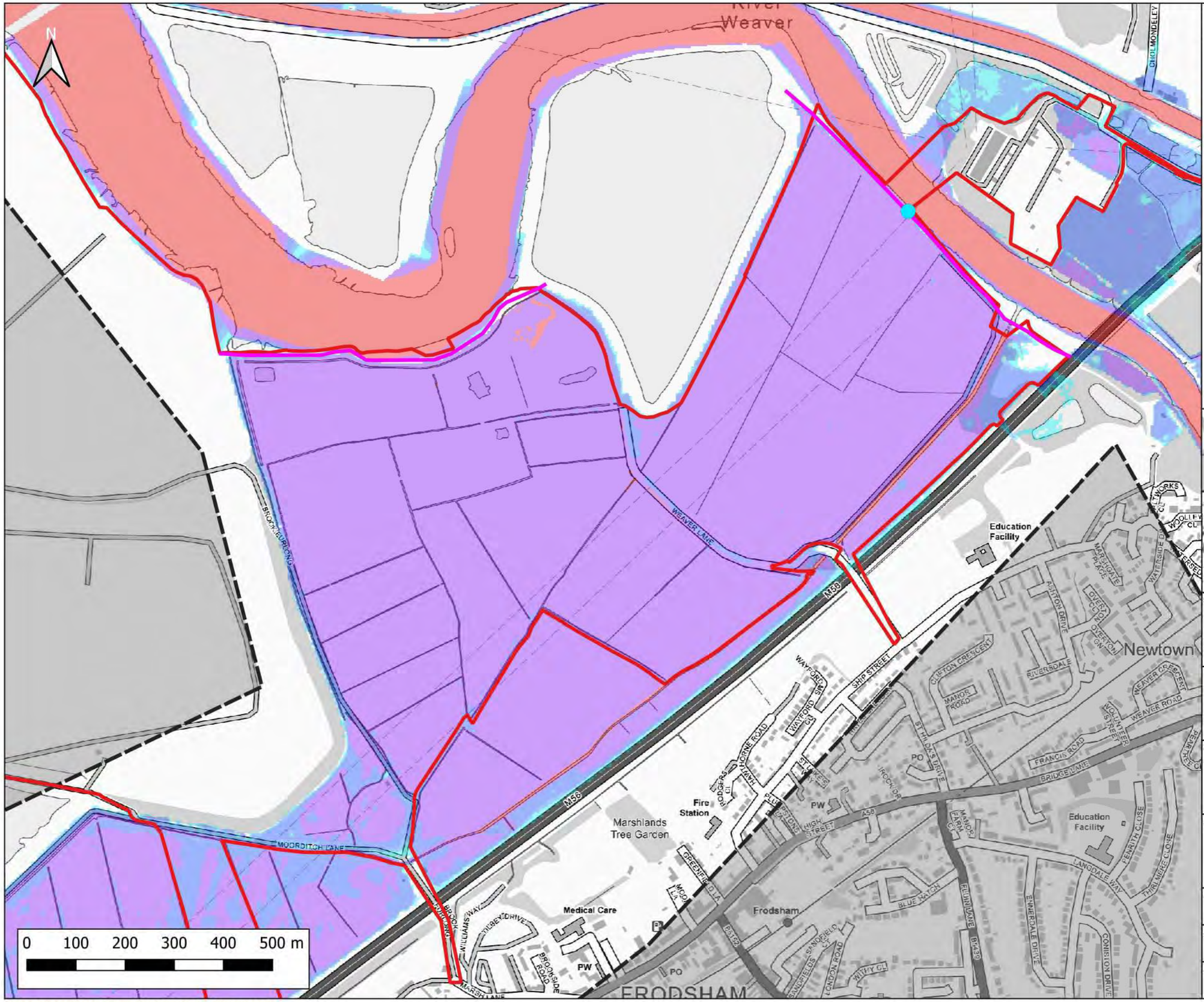
Notes:
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

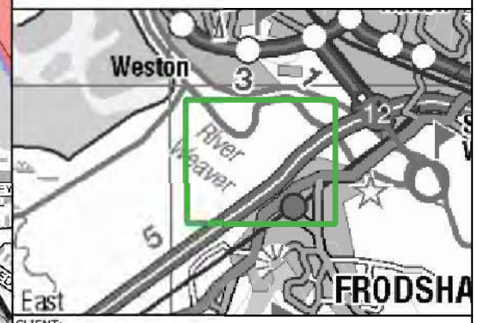
LEGEND

- Site Boundary
- 2D Model Extent
- 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

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 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)_ME(T200HC_2075UE)_052_d_Max	-

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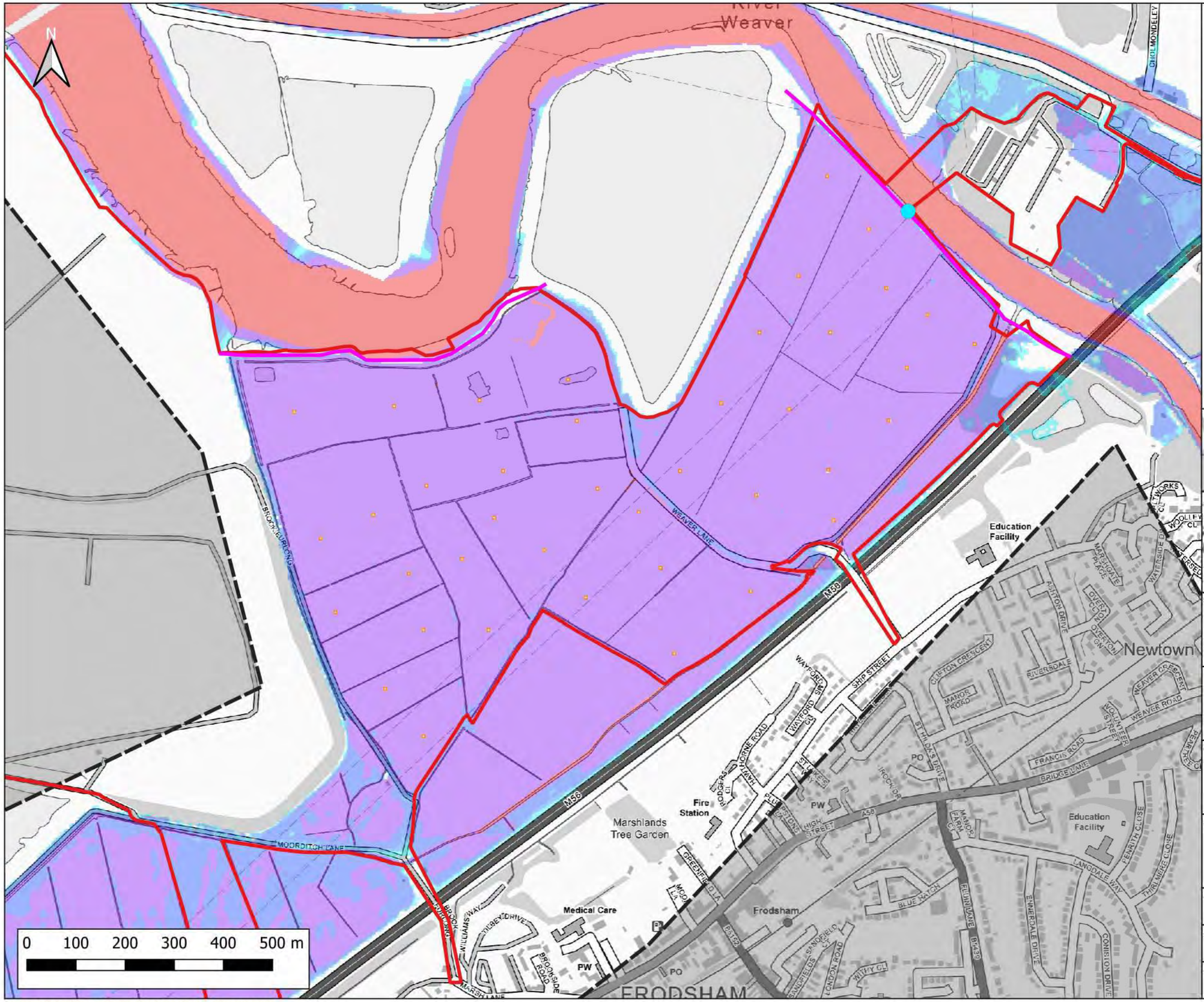


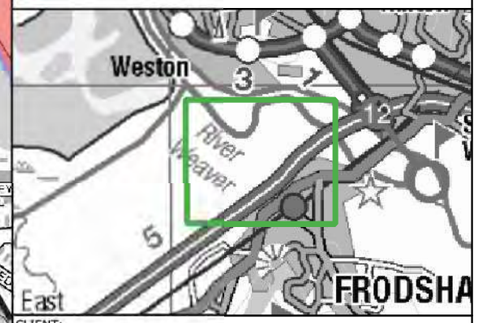
Notes:
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

LEGEND

- Site Boundary
- 2D Model Extent
- 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

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 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(LOW)_ME(T200HC_2075UE)_052_d_Max	-

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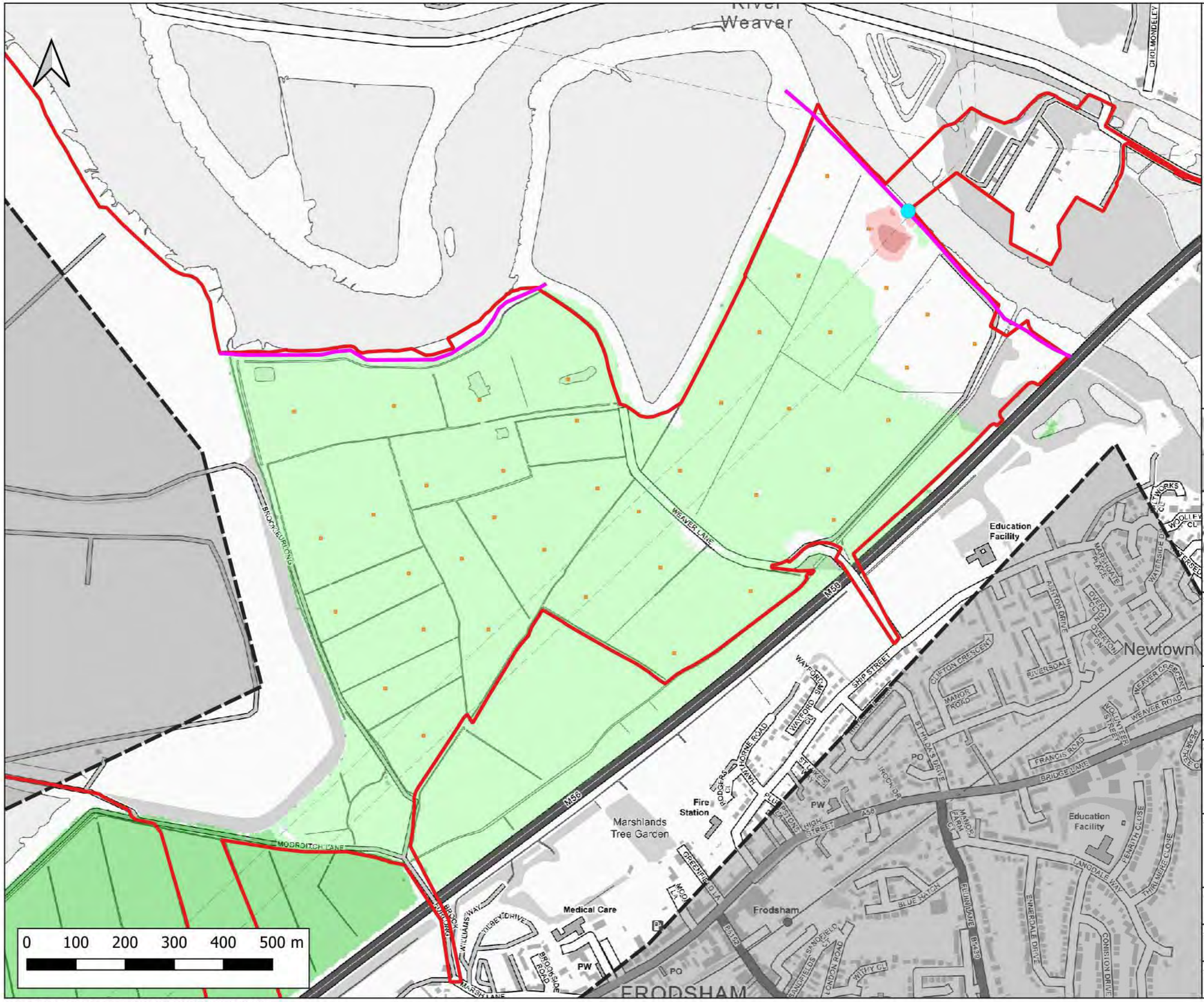


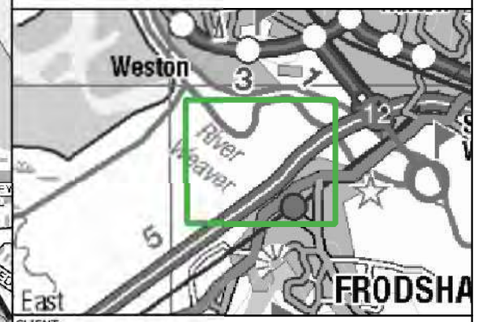
Notes:
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

LEGEND

- Site Boundary
- 2D Model Extent
- 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



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 2 DEV - EXG

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

PLOT NAME:	REVISION:
14740_LW_BR2_DEV2-EXG_Q100CC67_M(LOW)_ME(T200HC_2075UE)_052_d_Diff	-

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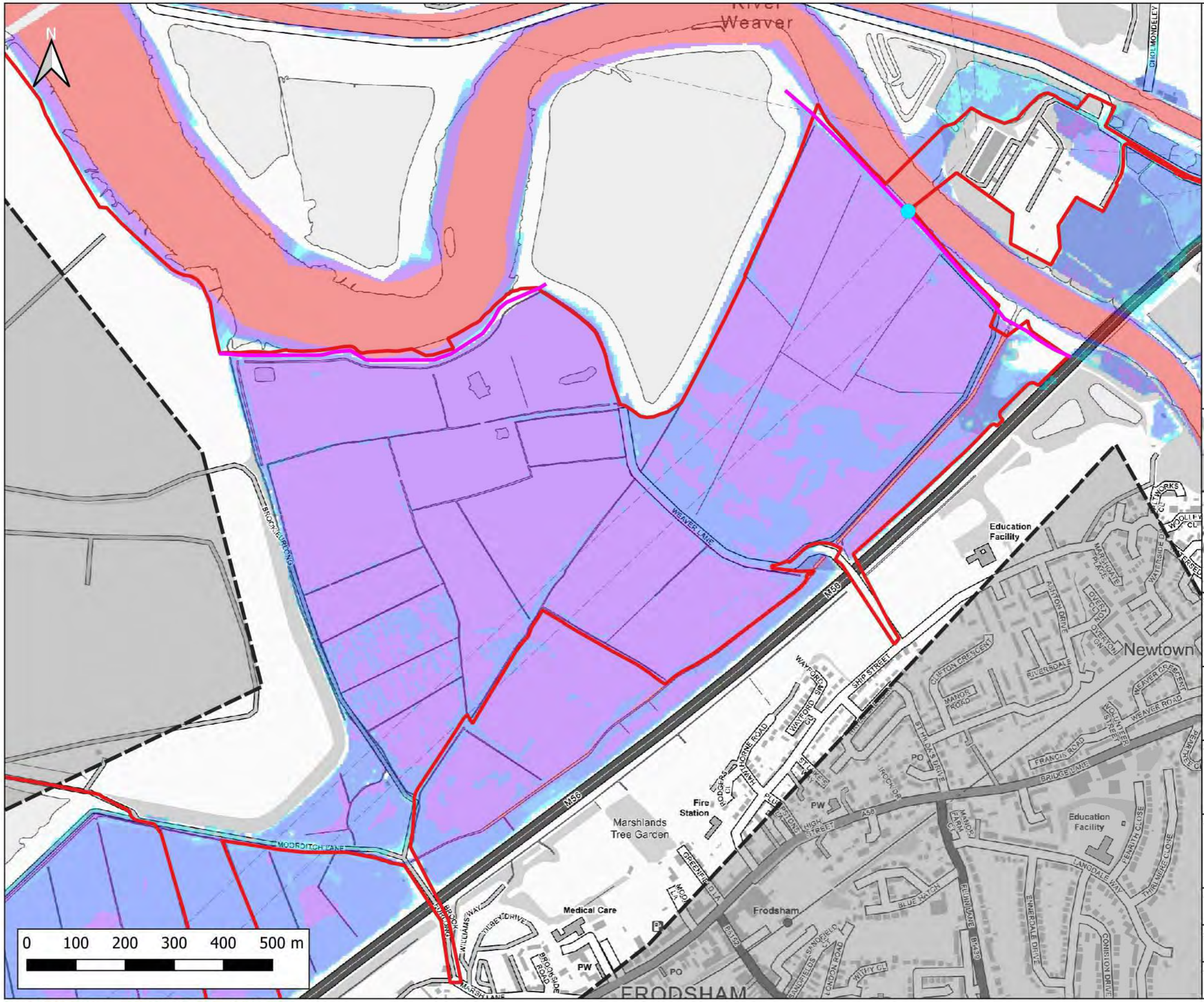


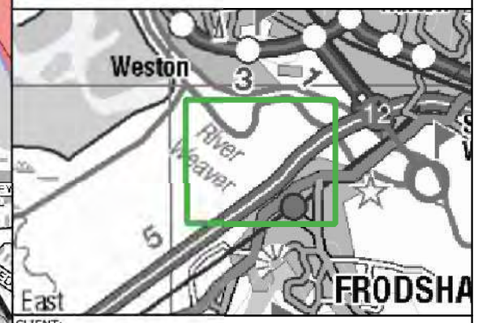
Notes:
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

LEGEND

- Site Boundary
- 2D Model Extent
- 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

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 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(MHWSCC)_052_d_Max	-

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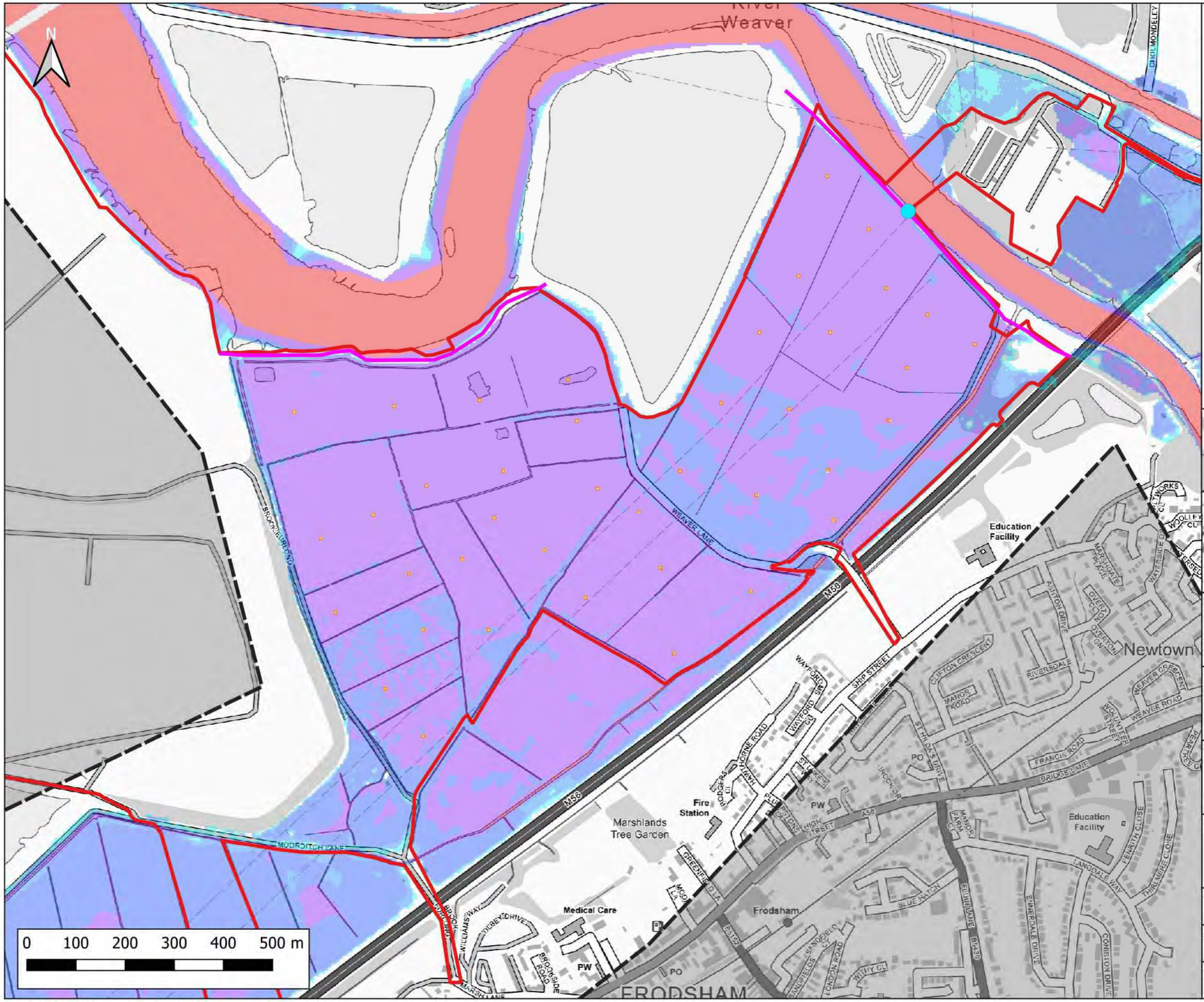


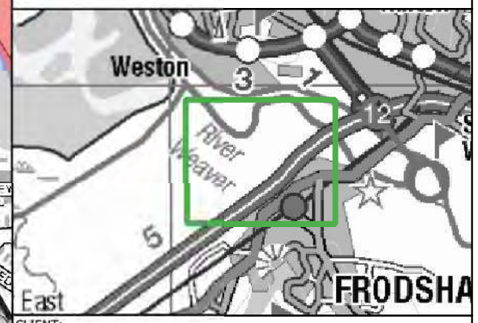
Notes:
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

LEGEND

- Site Boundary
- 2D Model Extent
- 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

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:	DATE:
FINAL	30-04-2025

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

PLOT NAME:	REVISION:
14740_LW_BR2_DEV2_Q100CC106_M(LOW)_ME(MHWSCC)_052_d_Max	-

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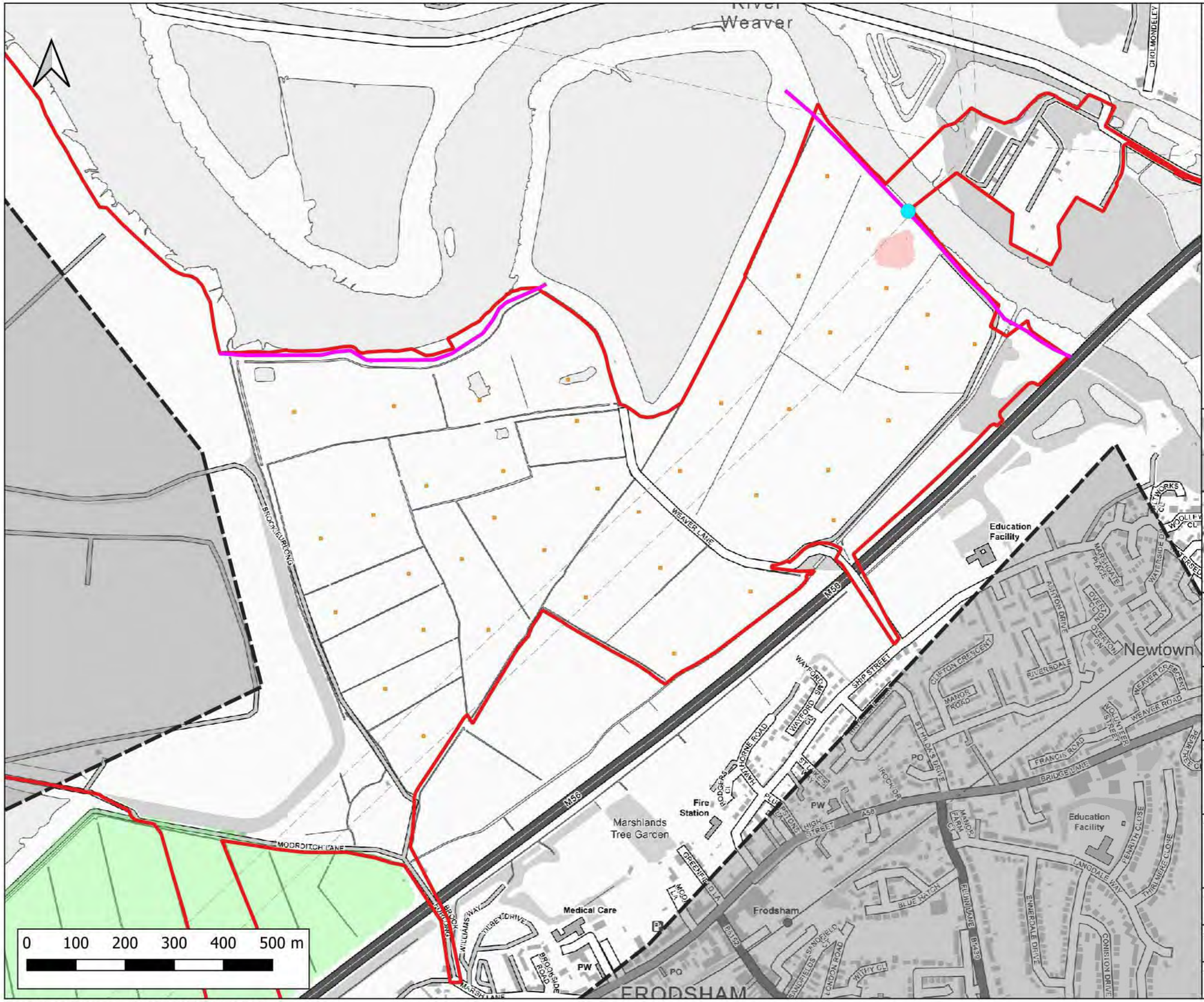


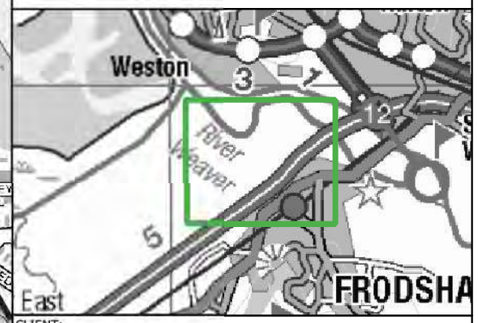
Notes:
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

LEGEND

- Site Boundary
- 2D Model Extent
- 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



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 2 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_BR2_DEV2-EXG_Q100CC106_M(LOW)_ME(MHWSCC)_052_d_Diff	-

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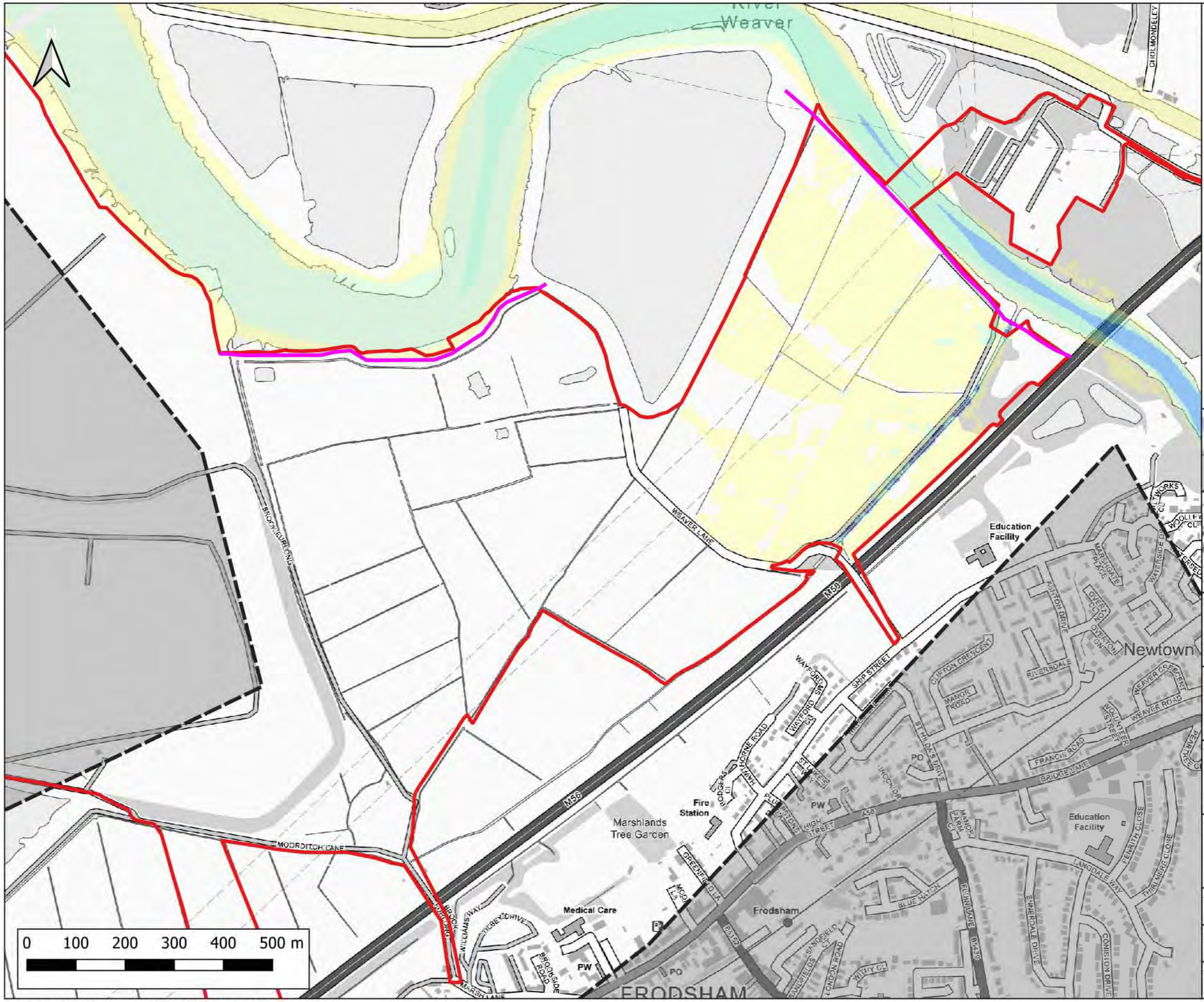


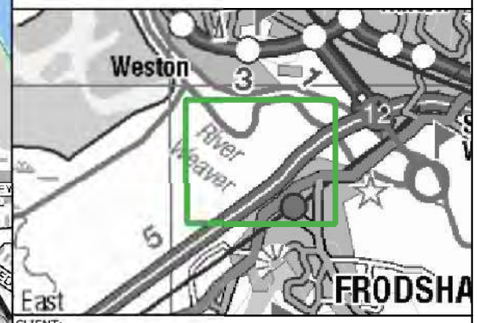
Notes:
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

LEGEND

- Site Boundary
- 2D Model Extent
- 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 Fluvial Event
MWHS Tidal Event
Defended Existing Scenario (EXG)

PLOT STATUS:			DATE:
FINAL			30-04-2025
DRAWN: MH	CHECKED: AP	APPROVED: LS	PLOT SCALE AT A3: 1:7500
PLOT NAME: 14740_LW_DEF_EXG_Q100_M(LOW)_ME(MHWS)_052_V_Max			REVISION: -

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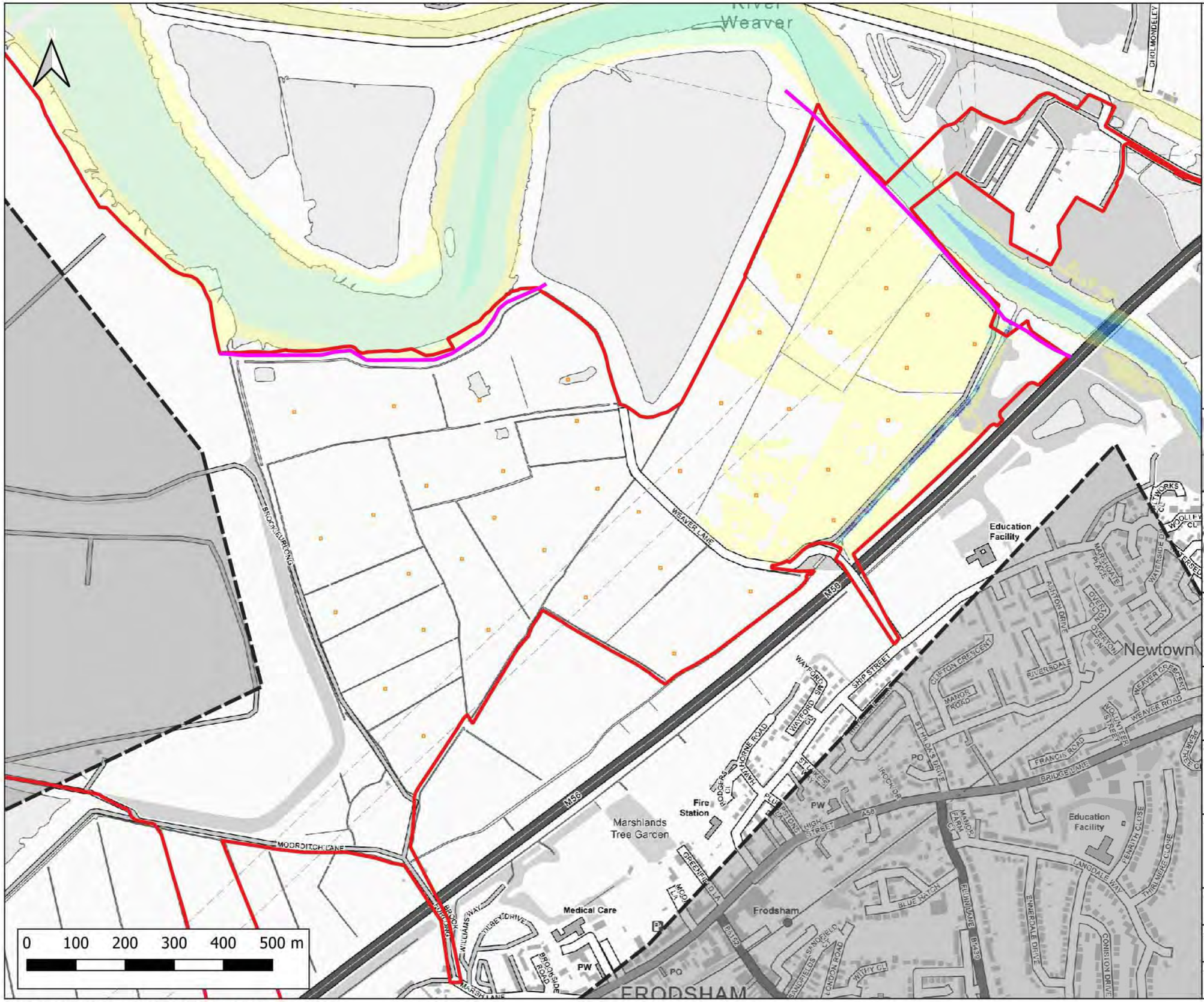


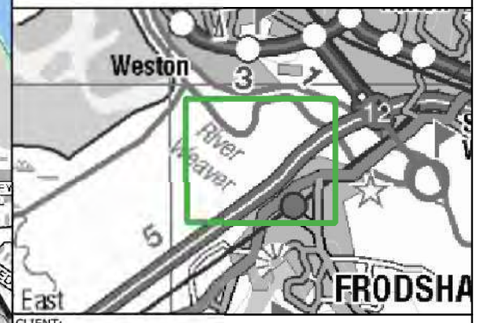
Notes:
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

LEGEND

- Site Boundary
- 2D Model Extent
- 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

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	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_V_Max	-

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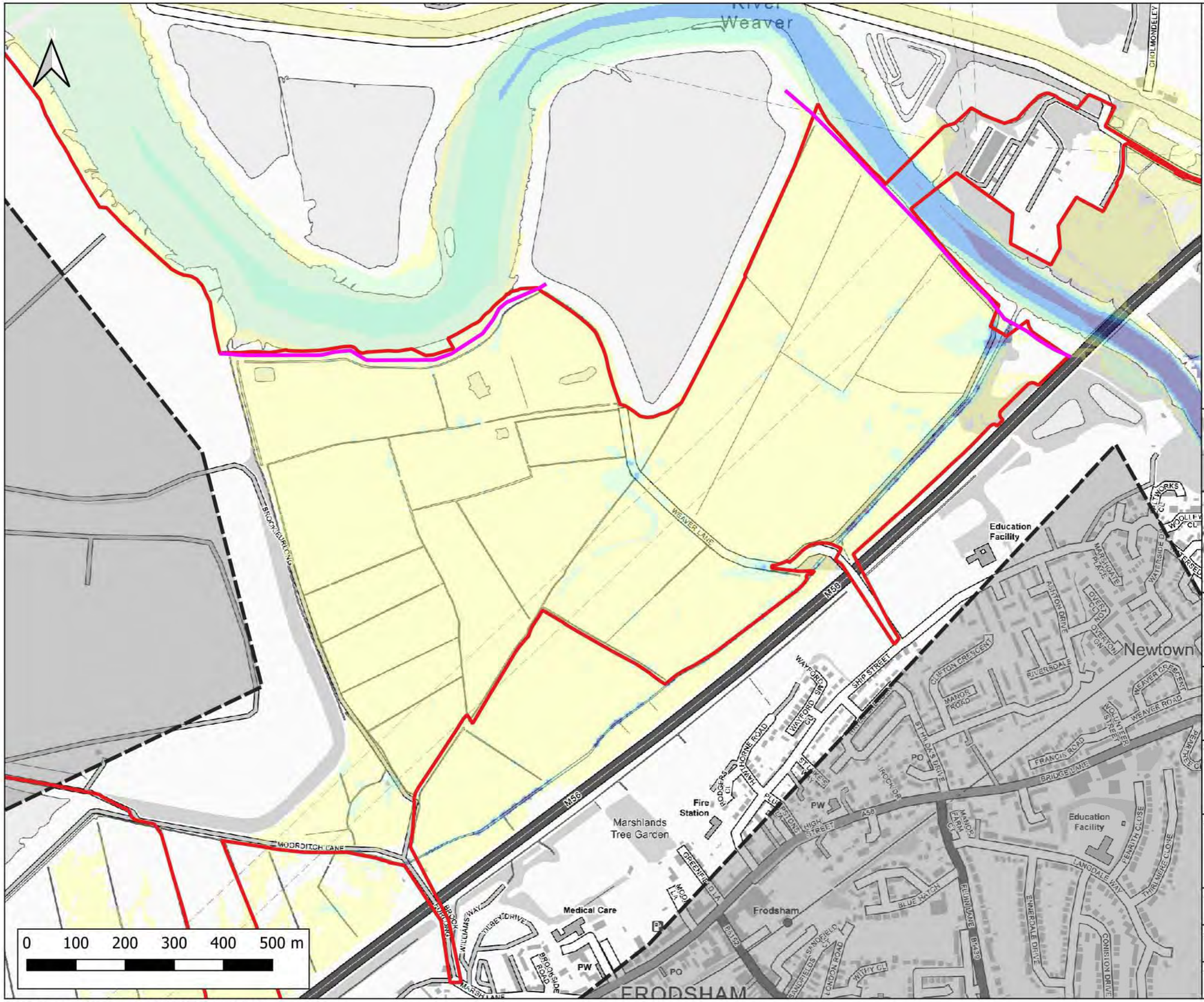


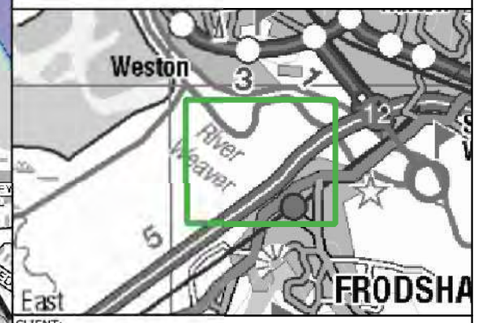
Notes:
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

LEGEND

- Site Boundary
- 2D Model Extent
- 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
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(MHWSCC)_052_V_Max	-

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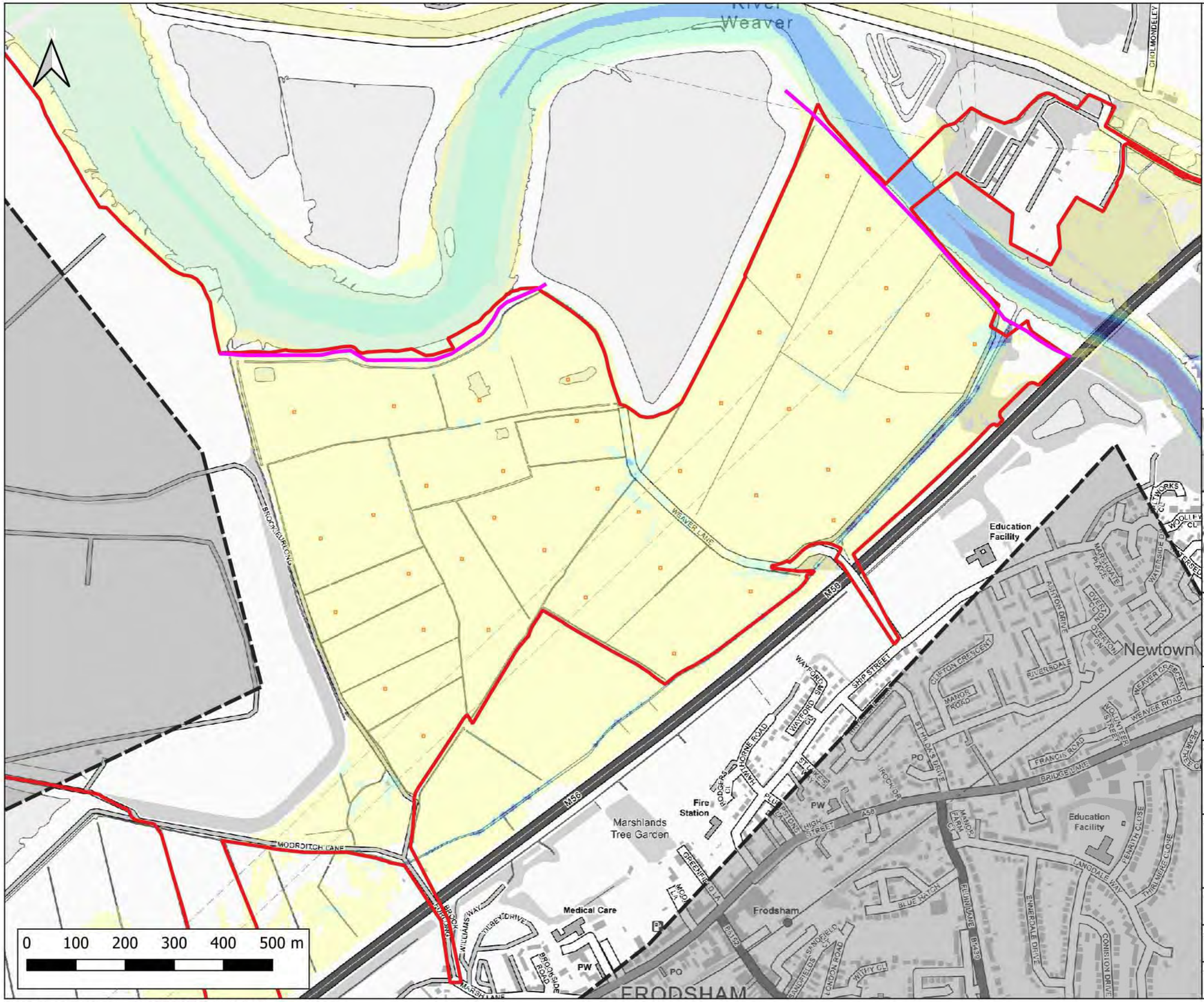


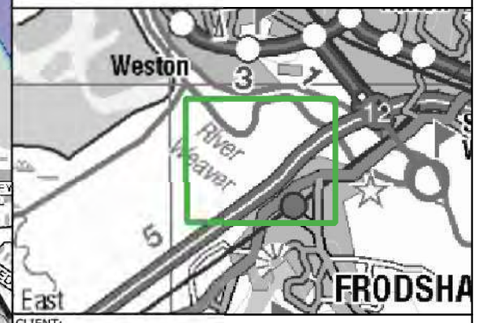
Notes:
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

LEGEND

- Site Boundary
- 2D Model Extent
- 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

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:	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(MHWSCC)_052_V_Max	-

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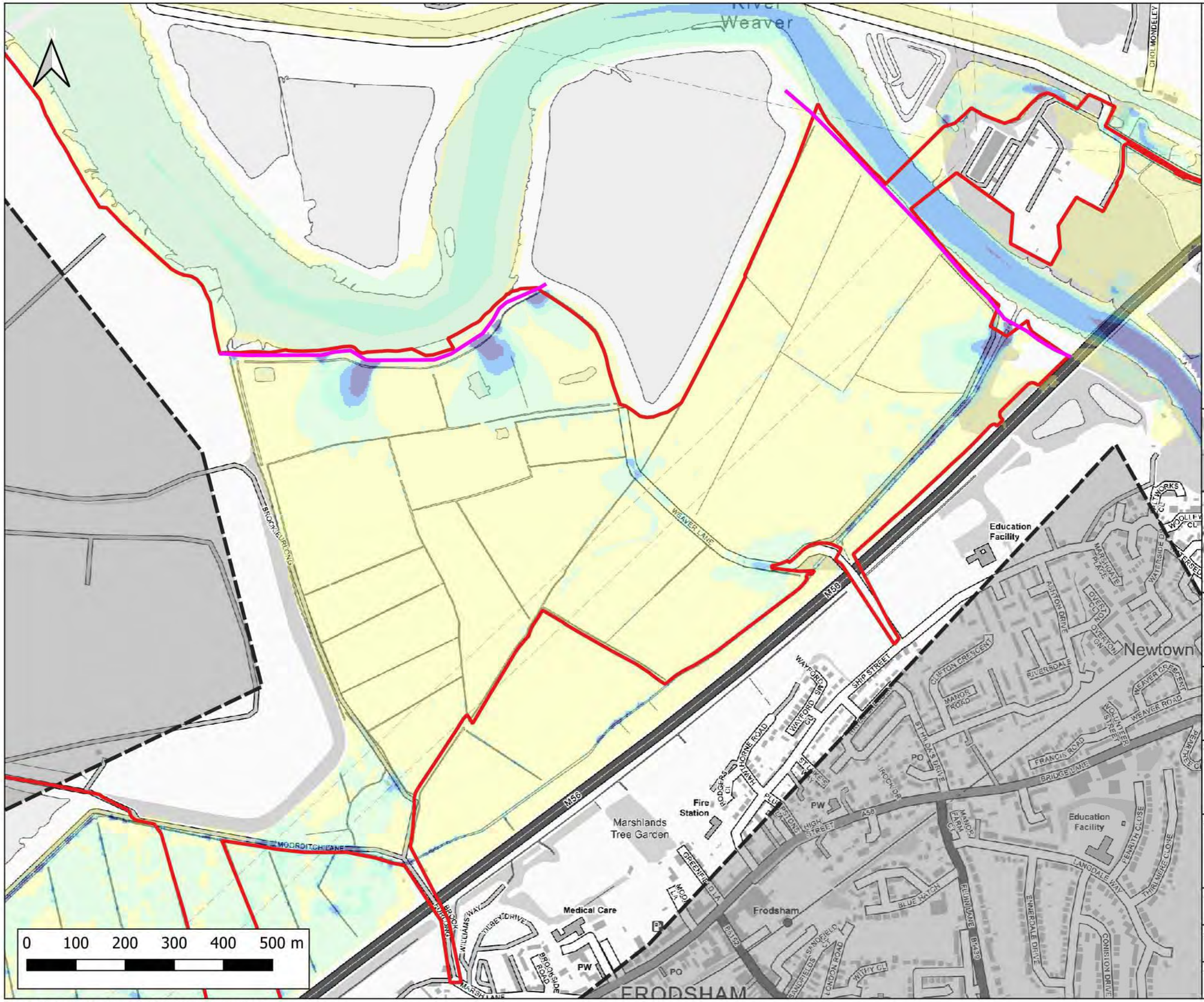


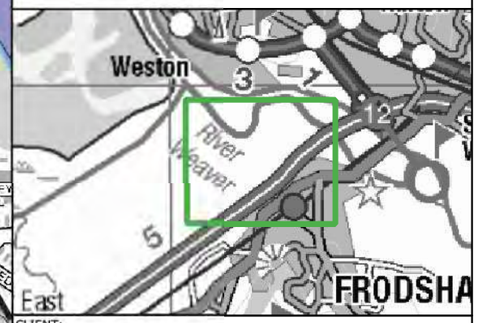
Notes:
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

LEGEND

- Site Boundary
- 2D Model Extent
- 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_M(LOW)_M(T200HC_2075UE)_052_V_Max	-

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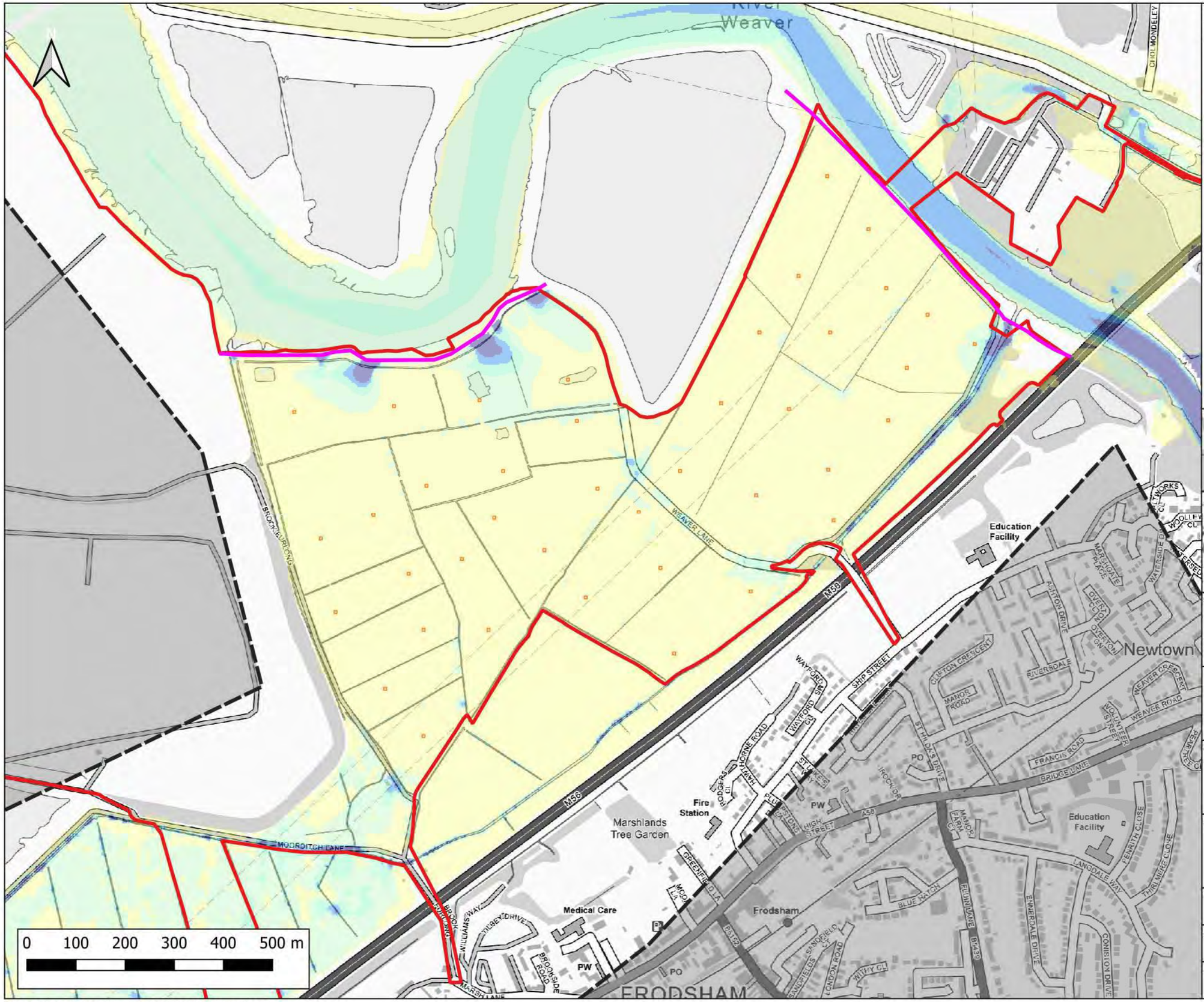


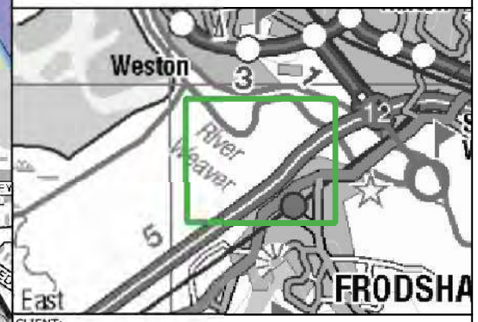
Notes:
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

LEGEND

- Site Boundary
- 2D Model Extent
- 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

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 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_V_Max	-

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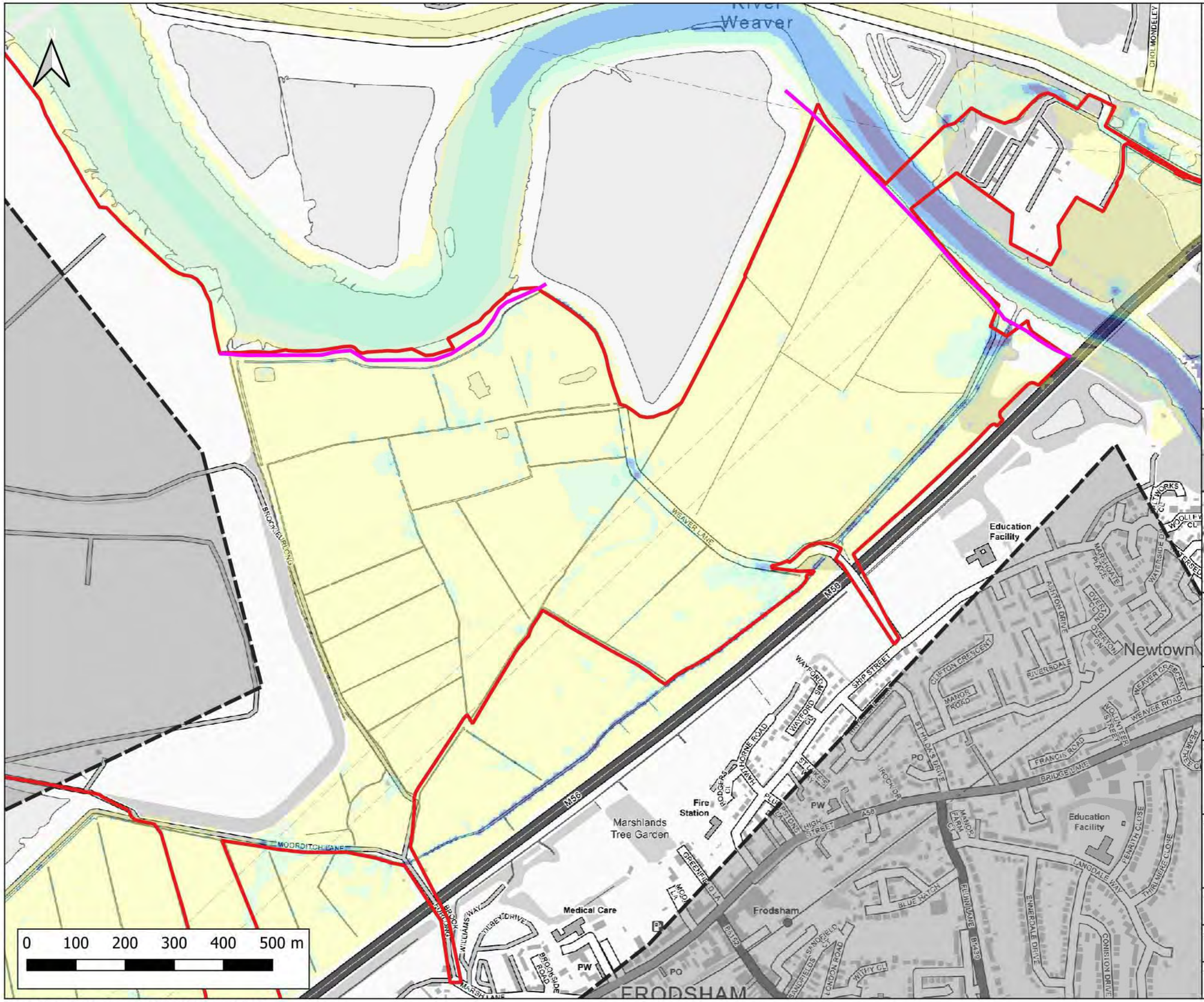


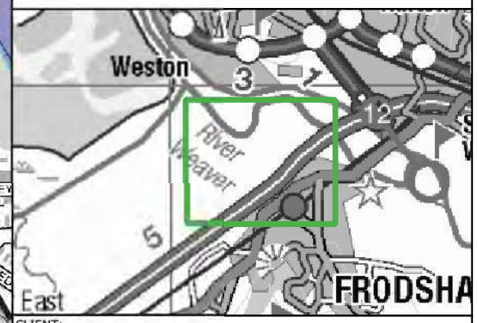
Notes:
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

LEGEND

- Site Boundary
- 2D Model Extent
- 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 +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_DBF_EXG_Q100CC106_M(LOW)_ME(MHWSCC)_052_V_Max	-

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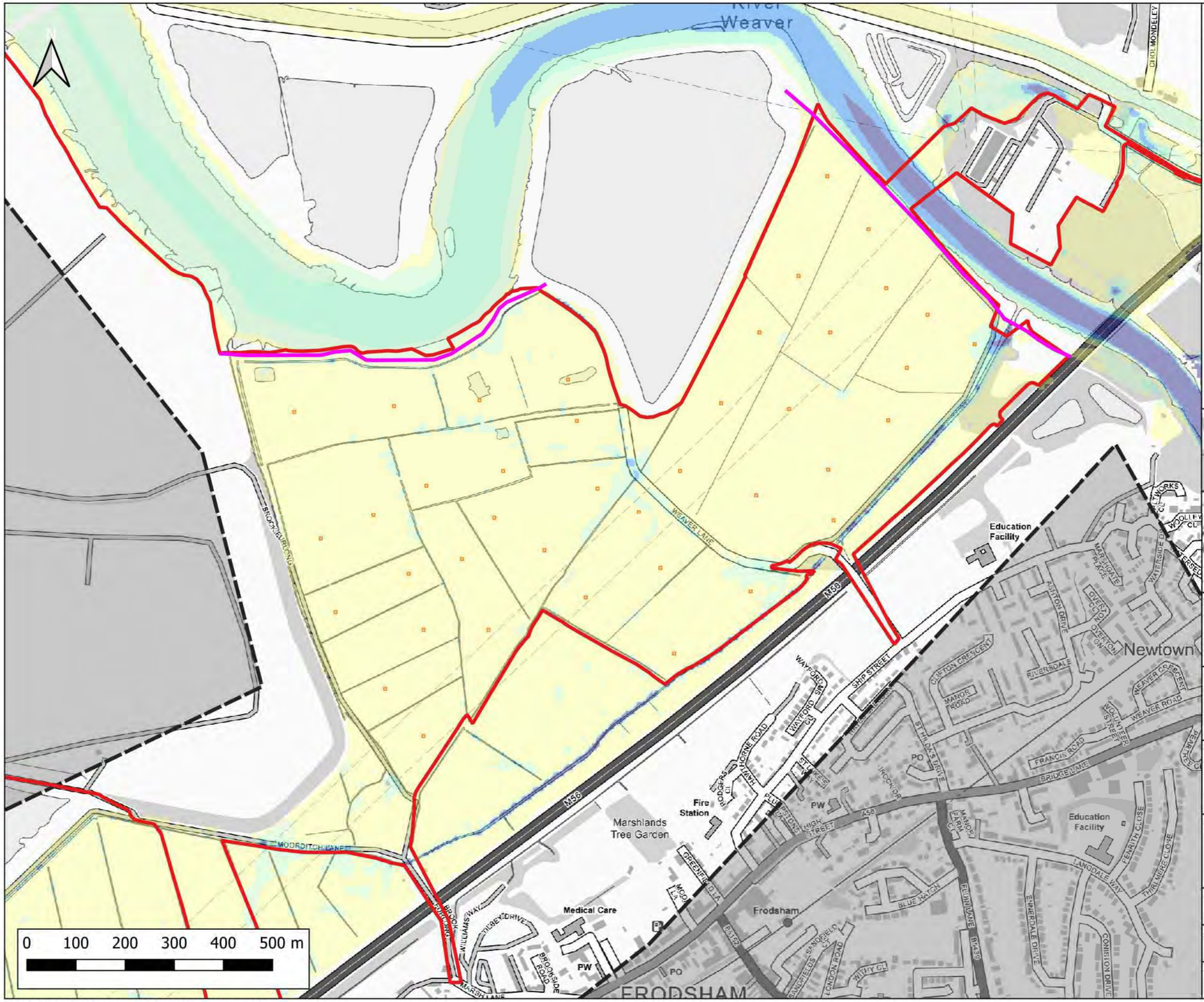


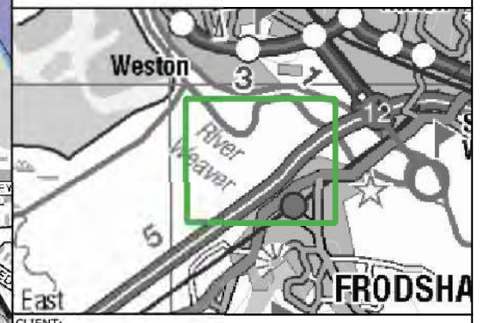
Notes:
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

LEGEND

- Site Boundary
- 2D Model Extent
- 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

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:	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_V_Max	-

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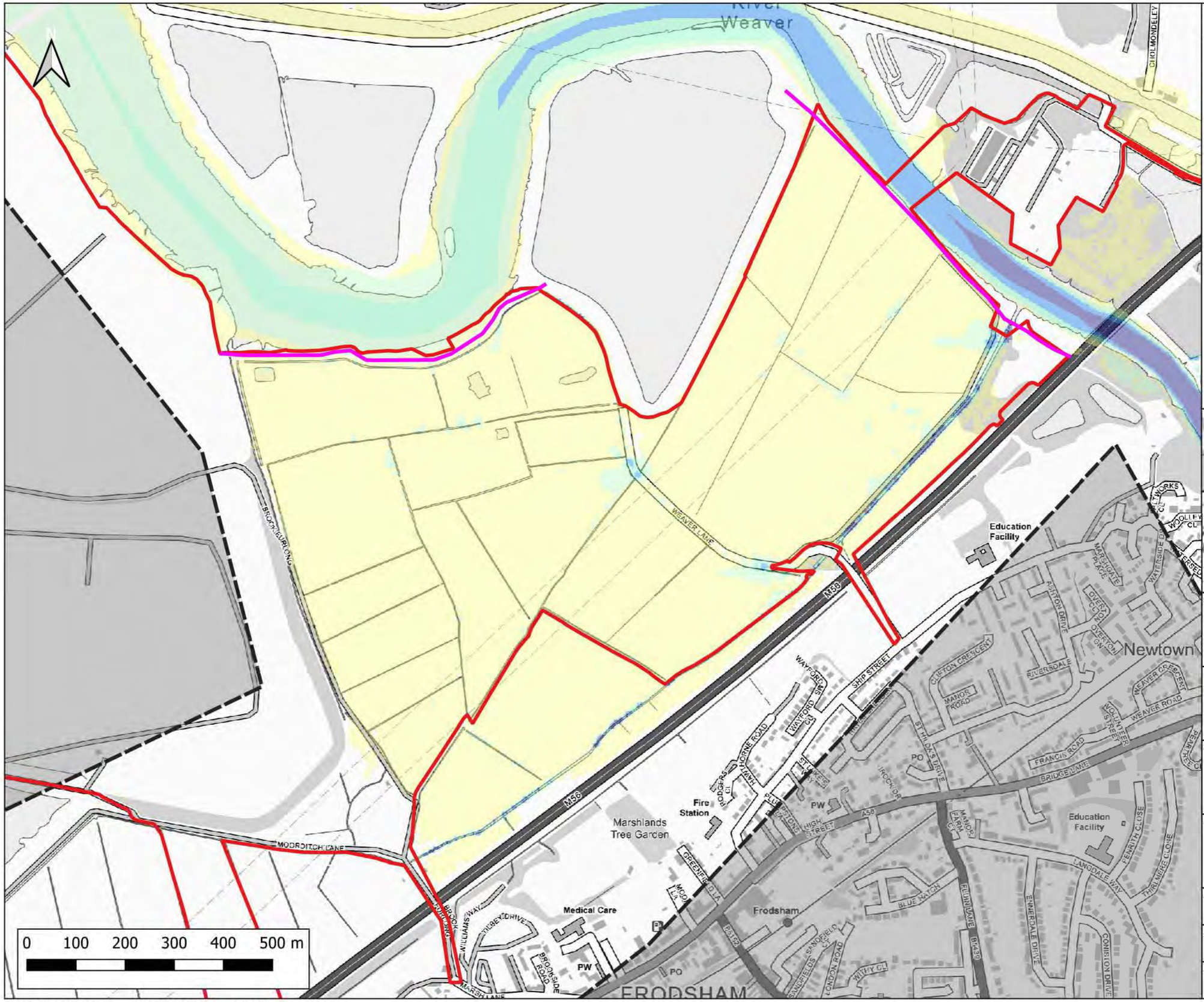


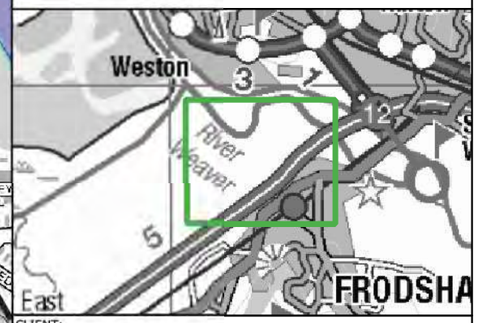
Notes:
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

LEGEND

- Site Boundary
- 2D Model Extent
- 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
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_V_Max	-

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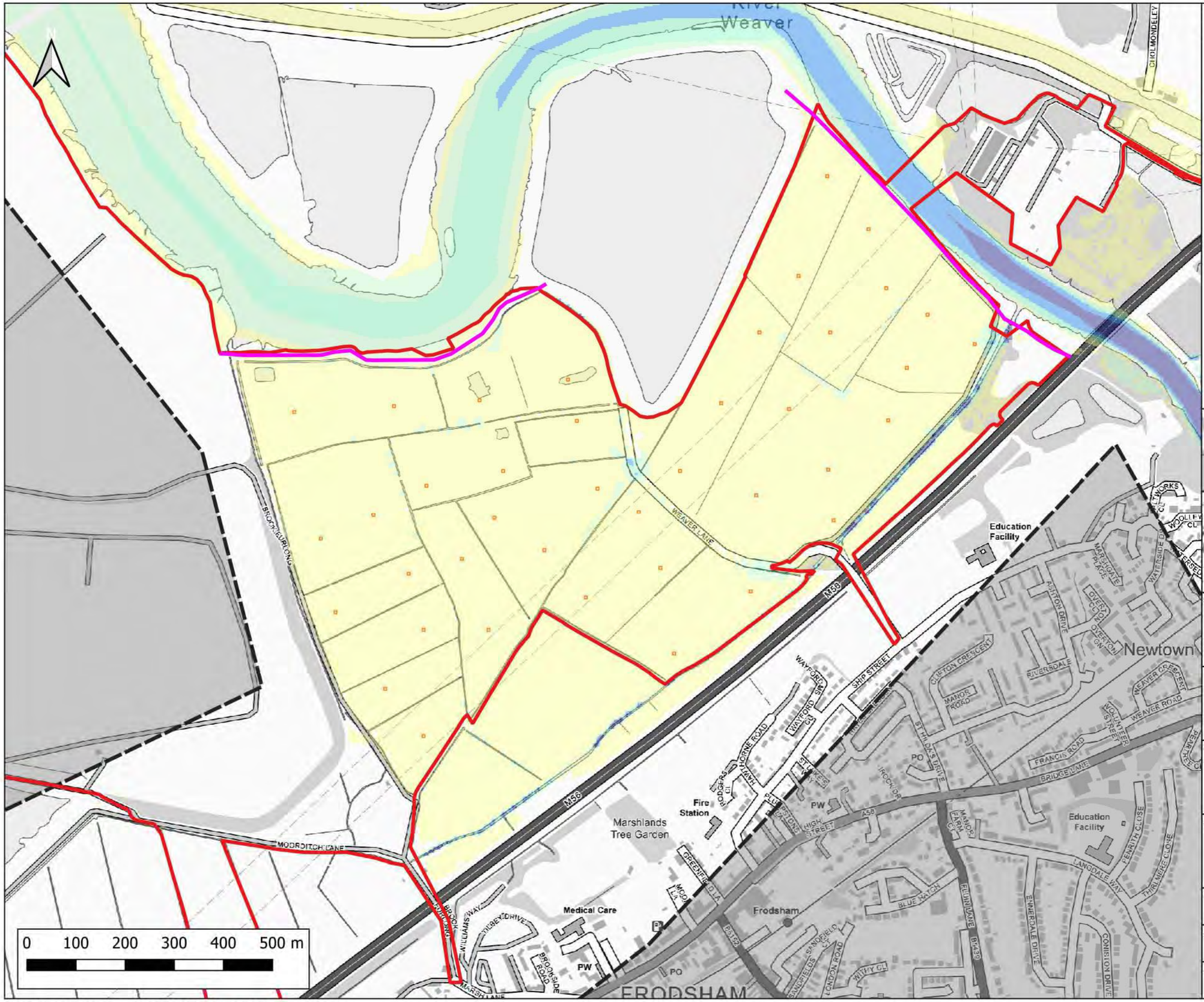


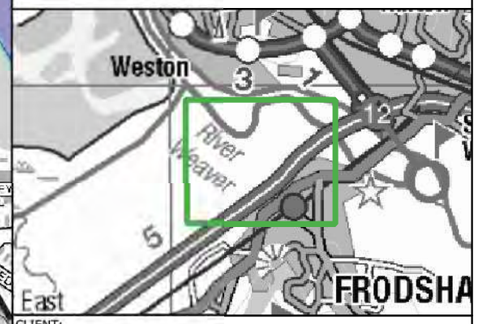
Notes:
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

LEGEND

- Site Boundary
- 2D Model Extent
- 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

waterco
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_LW_DEF_DEV2_Q1000_M(LOW)_ME(MHWS)_052_V_Max	-

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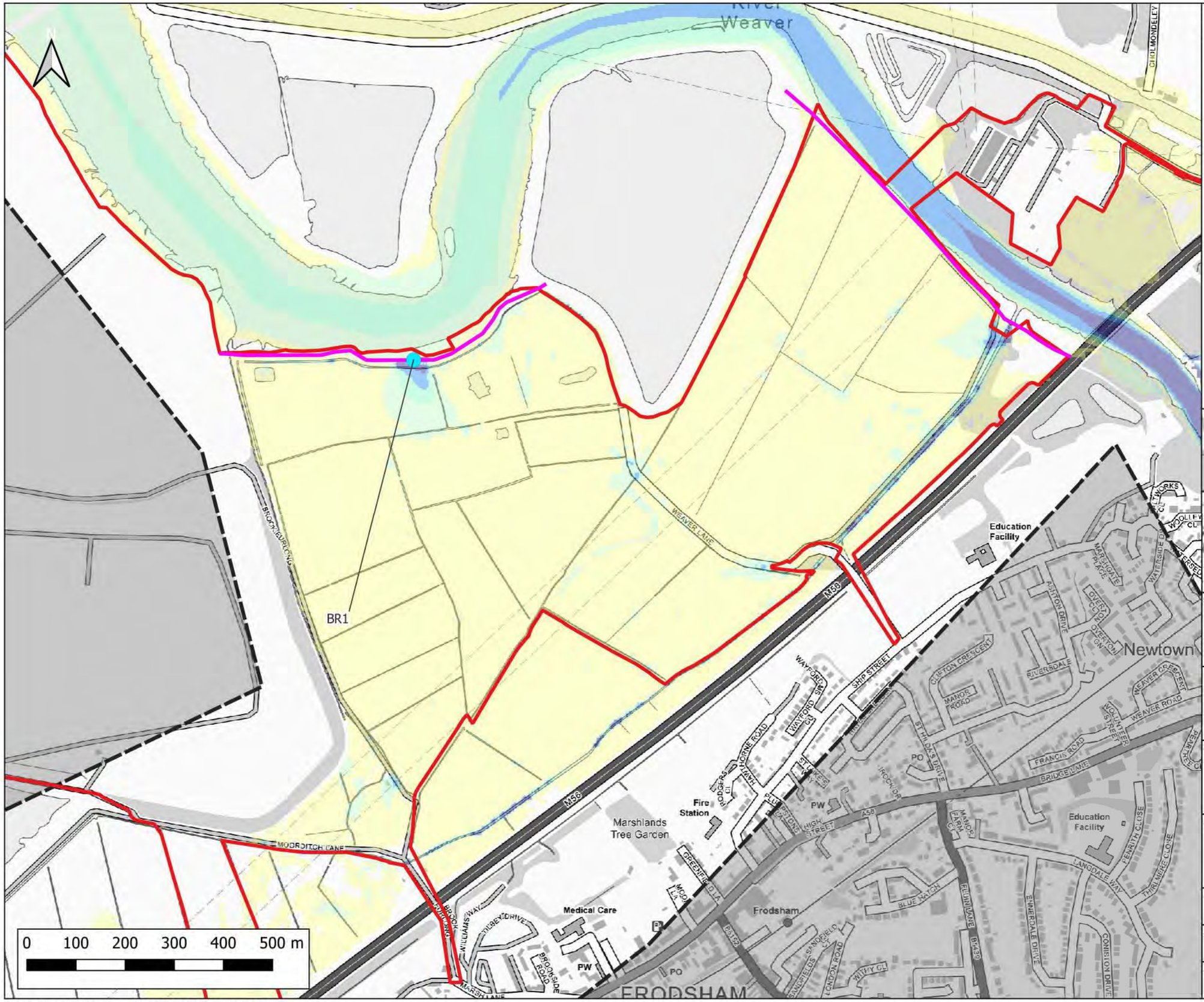


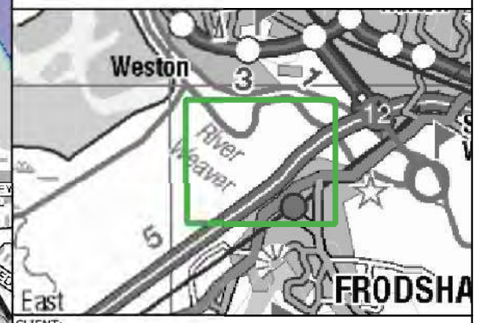
Notes:
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

LEGEND

- Site Boundary
- 2D Model Extent
- 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
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:	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(MHWSCC)_052_V_Max	-

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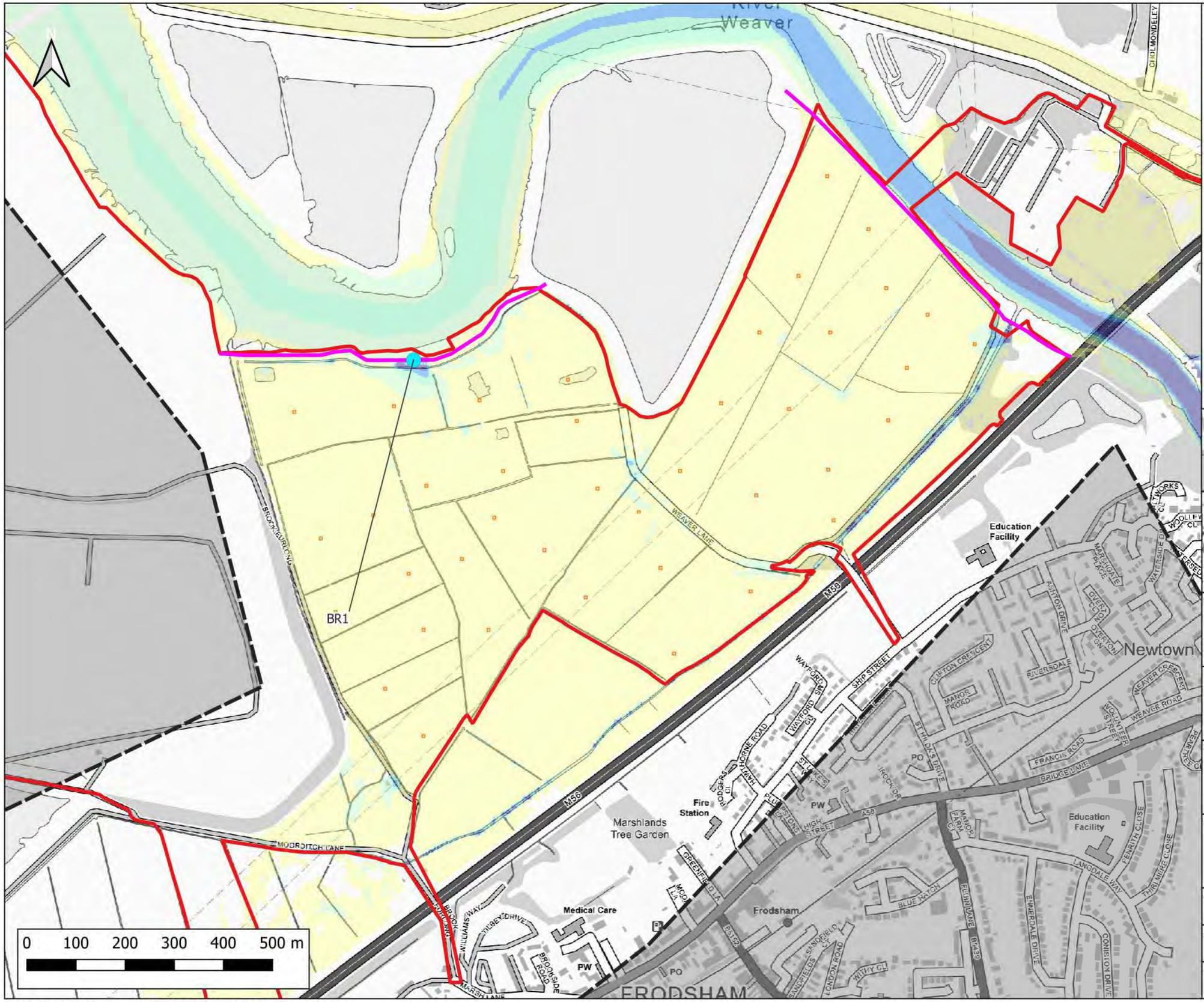


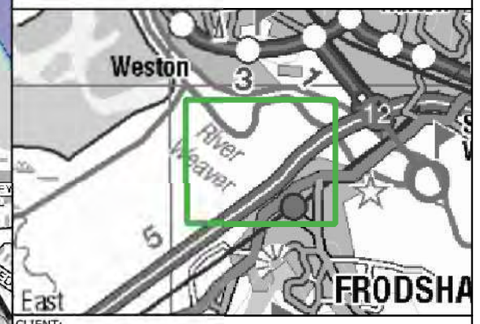
Notes:
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

LEGEND

- Site Boundary
- 2D Model Extent
- 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:
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 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(LOW)_ME(MHWSCC)_052_V_Max	-

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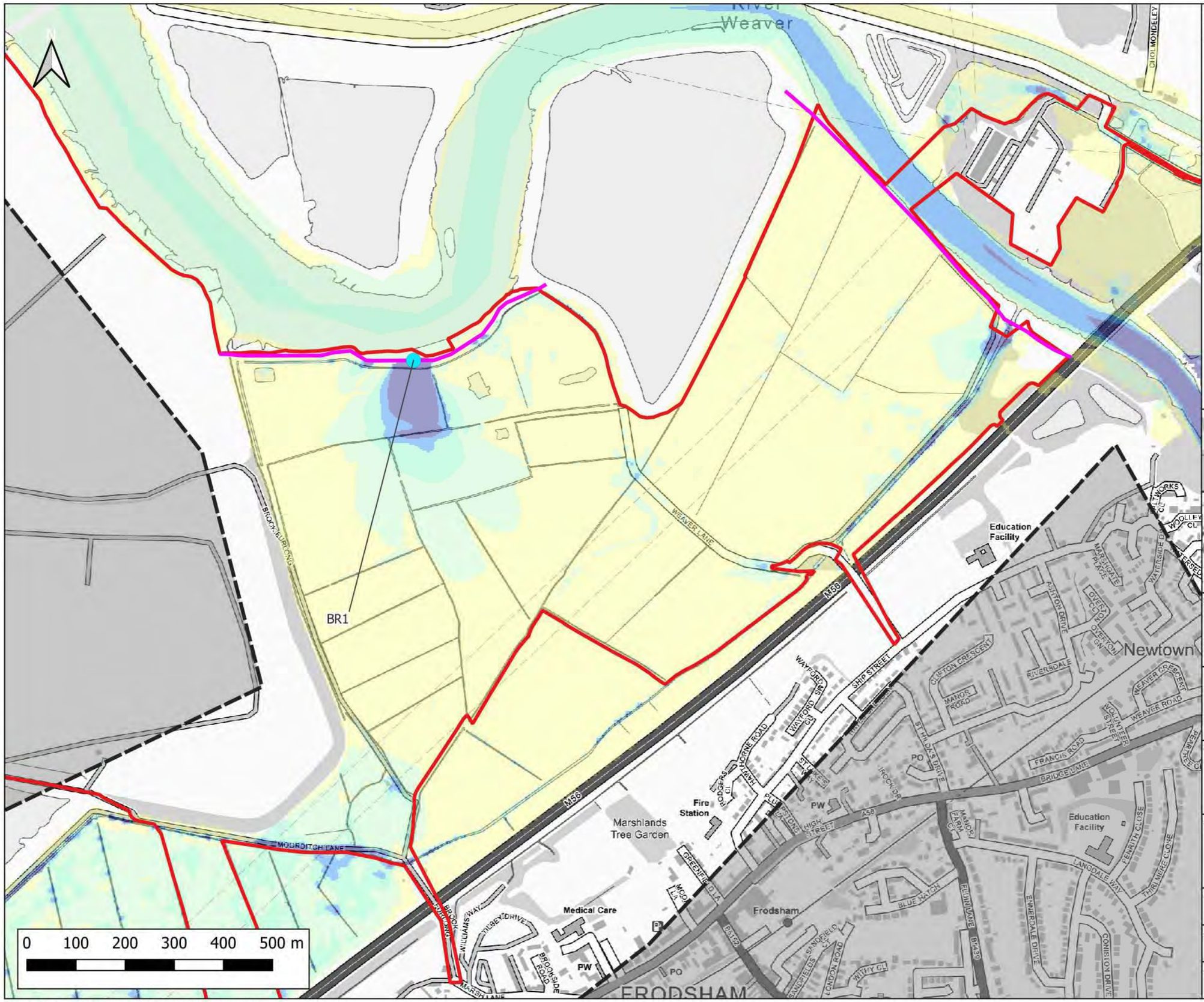
Notes:
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

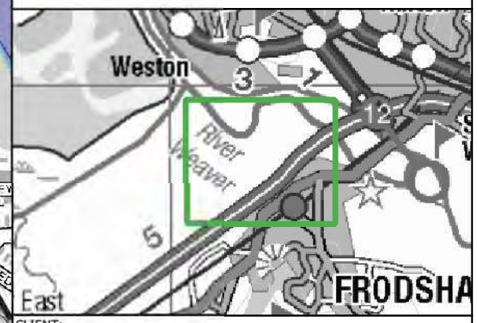
LEGEND

- Site Boundary
- 2D Model Extent
- 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
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_M(LOW)_M(T200HC_2075UE)_052_V_Max	-

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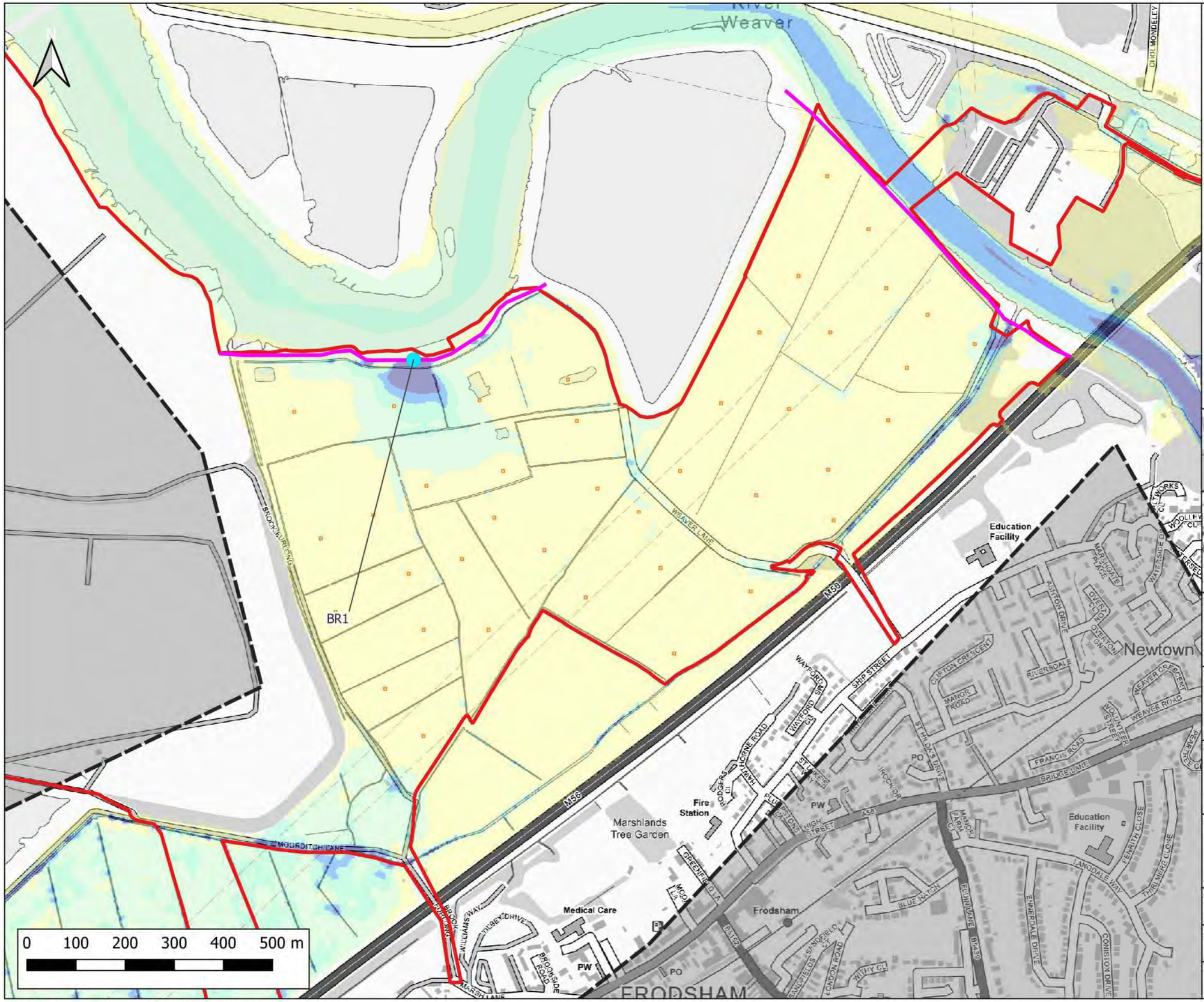


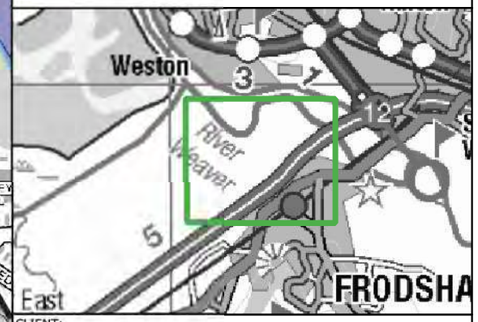
Notes:
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

LEGEND

- Site Boundary
- 2D Model Extent
- 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:
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)
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(LOW)_ME(T200HC_2075UE)_052_V_Max	-

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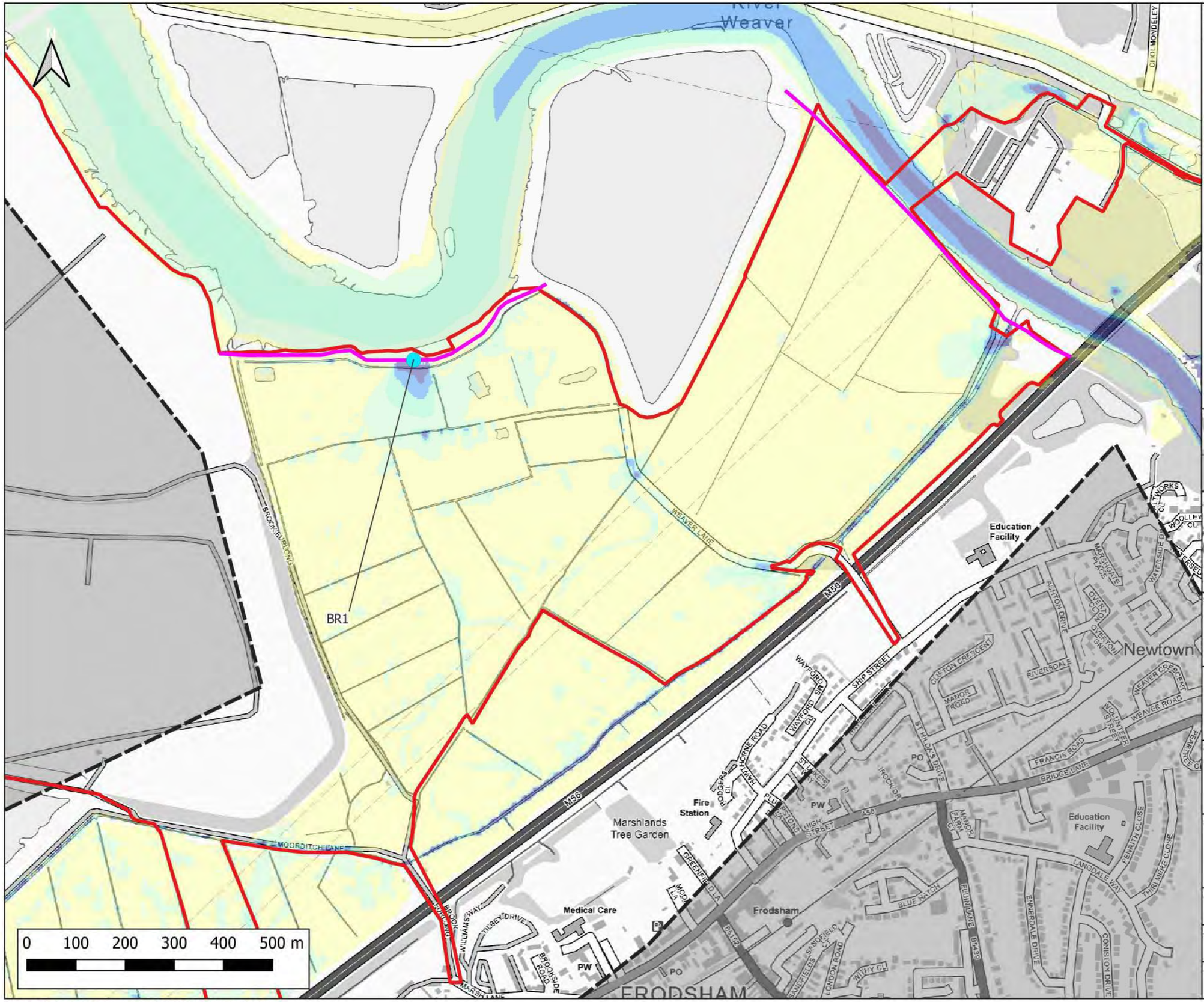


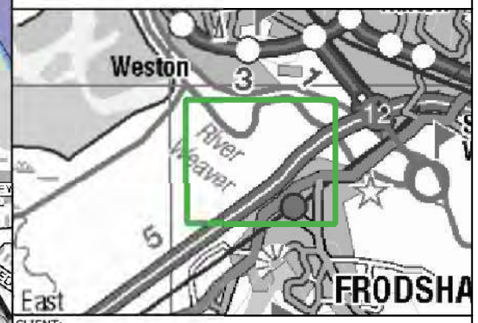
Notes:
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

LEGEND

- Site Boundary
- 2D Model Extent
- 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
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_Q100CC106_M(LOW)_ME(MHWSCC)_052_V_Max	-

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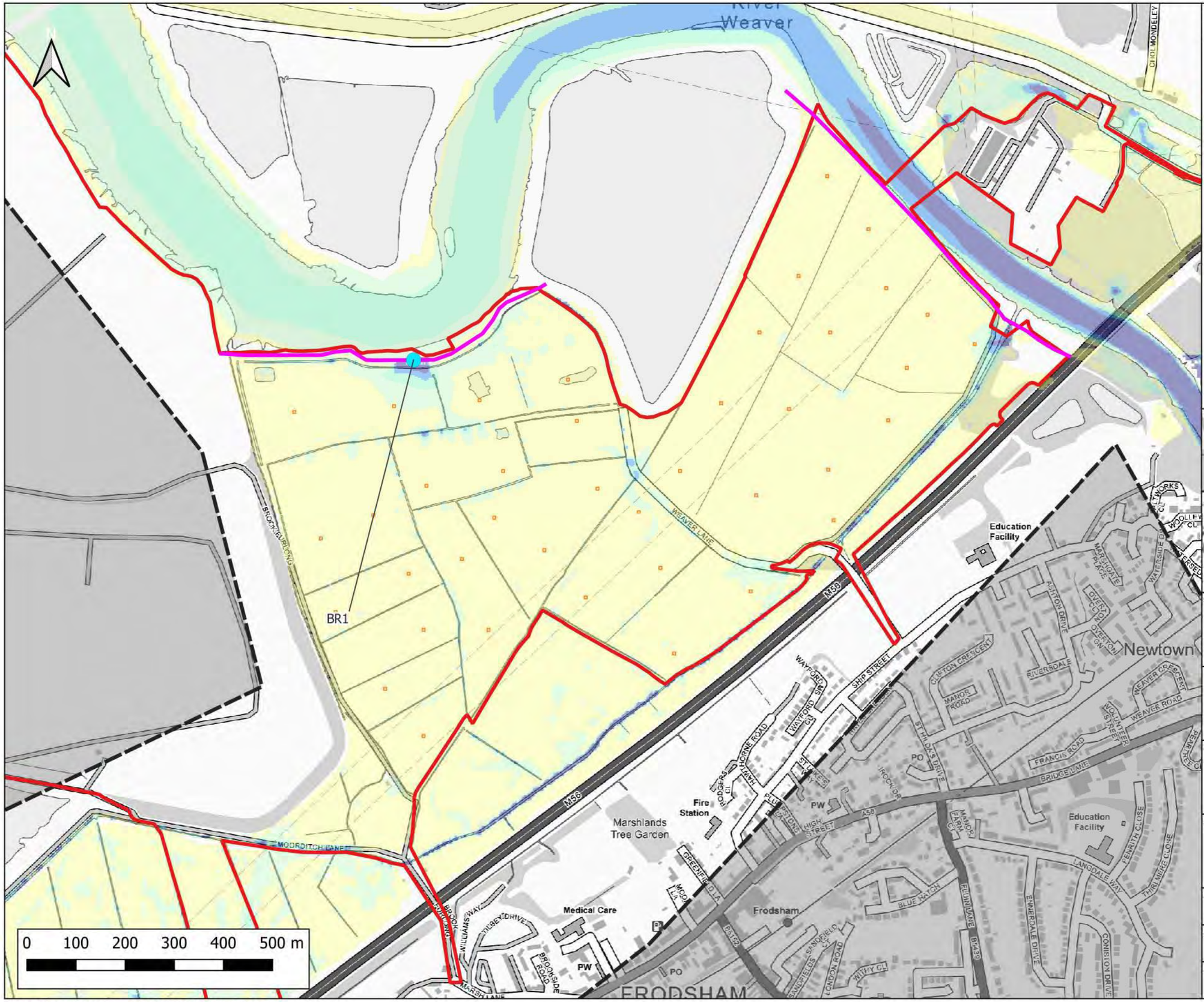

Notes:
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

LEGEND

- Site Boundary
- 2D Model Extent
- 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: 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:	REVISION:
14740_LW_BR1_DEV2_Q100CC106_M(LOW)_ME(MHWSCC)_052_V_Max	-

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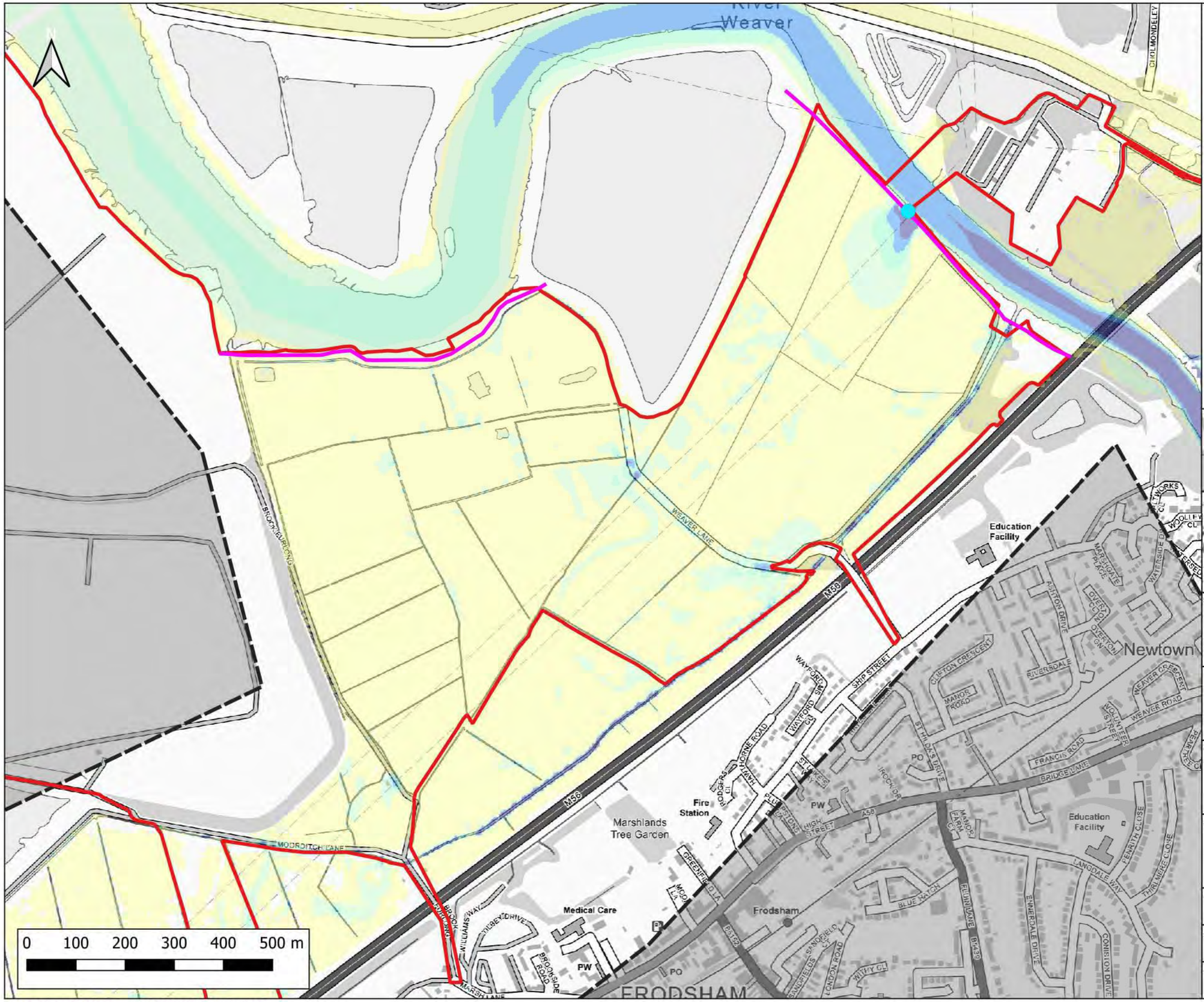
Notes:
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

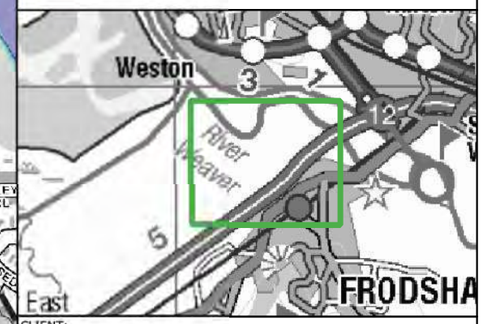
LEGEND

- Site Boundary
- 2D Model Extent
- 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

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_Q100CC67_M(LOW)_ME(MHWSCC)_052_V_Max	-

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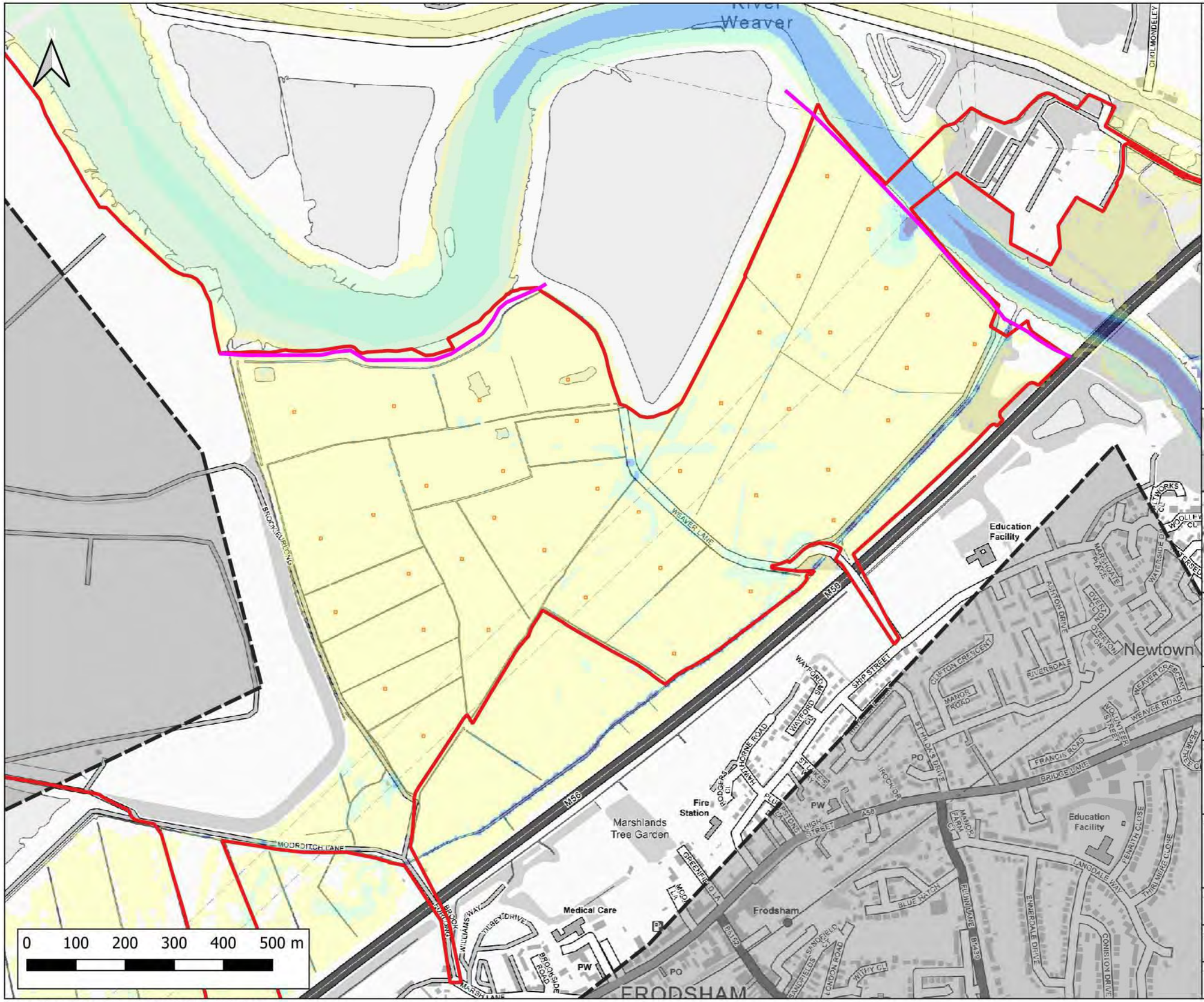


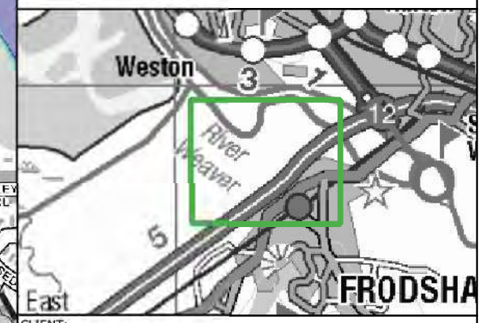
Notes:
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

LEGEND

- Site Boundary
- 2D Model Extent
- 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

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	30-04-2025

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

PLOT NAME:	REVISION:
14740_LW_BR2_DEV2_Q100CC67_M(LOW)_ME(MHWSCC)_052_V_Max	-

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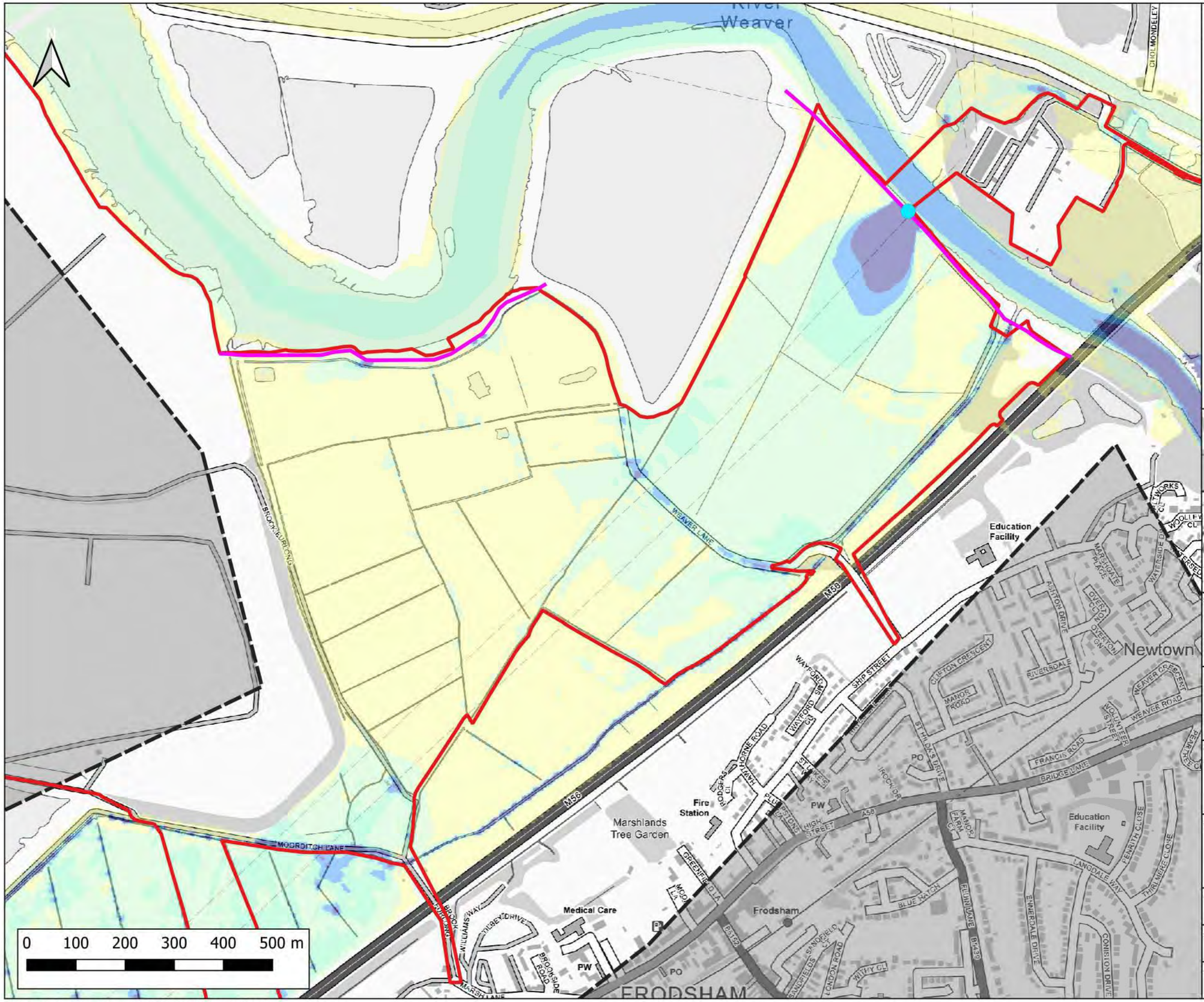


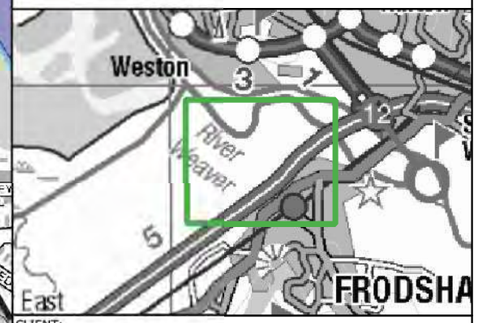
Notes:
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

LEGEND

- Site Boundary
- 2D Model Extent
- 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

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)
Breach 2 Existing Scenario (EXG)

PLOT STATUS:			DATE:
FINAL			30-04-2025
DRAWN: MH	CHECKED: AP	APPROVED: LS	PLOT SCALE AT A3: 1:7500
PLOT NAME: 14740_LW_BR2_EXG_Q100CC67_M(LOW)_M6(T200HC_2075UE)_052_V_Max			REVISION: -

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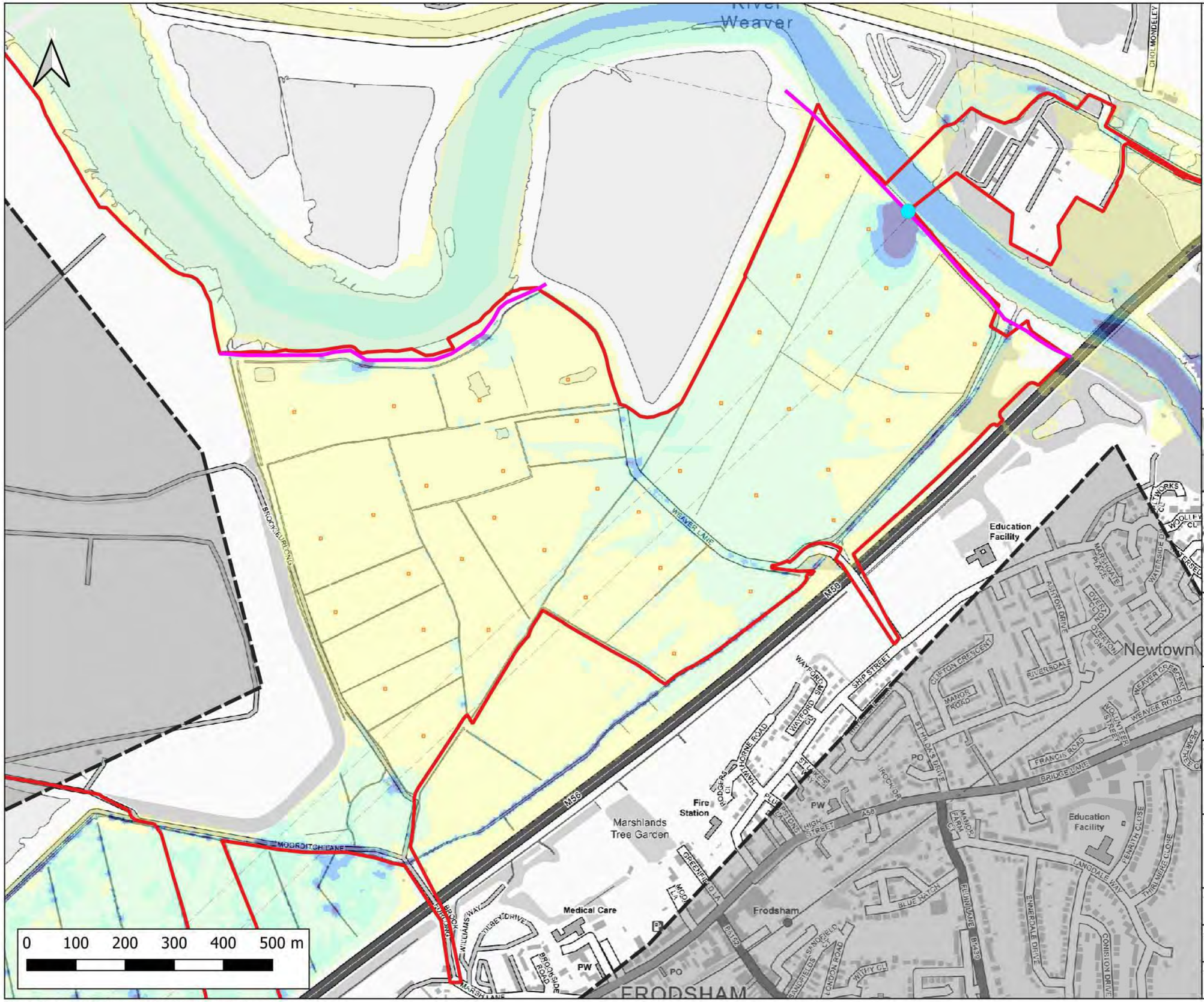


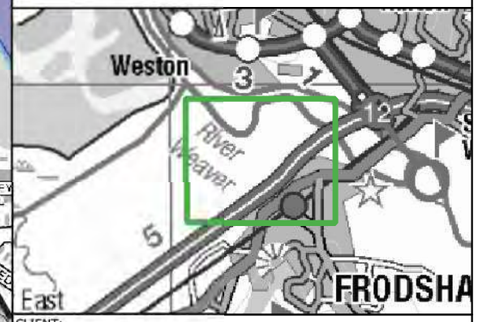
Notes:
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

LEGEND

- Site Boundary
- 2D Model Extent
- 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

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)
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(LOW)_ME(T200HC_2075UE)_052_V_Max	-

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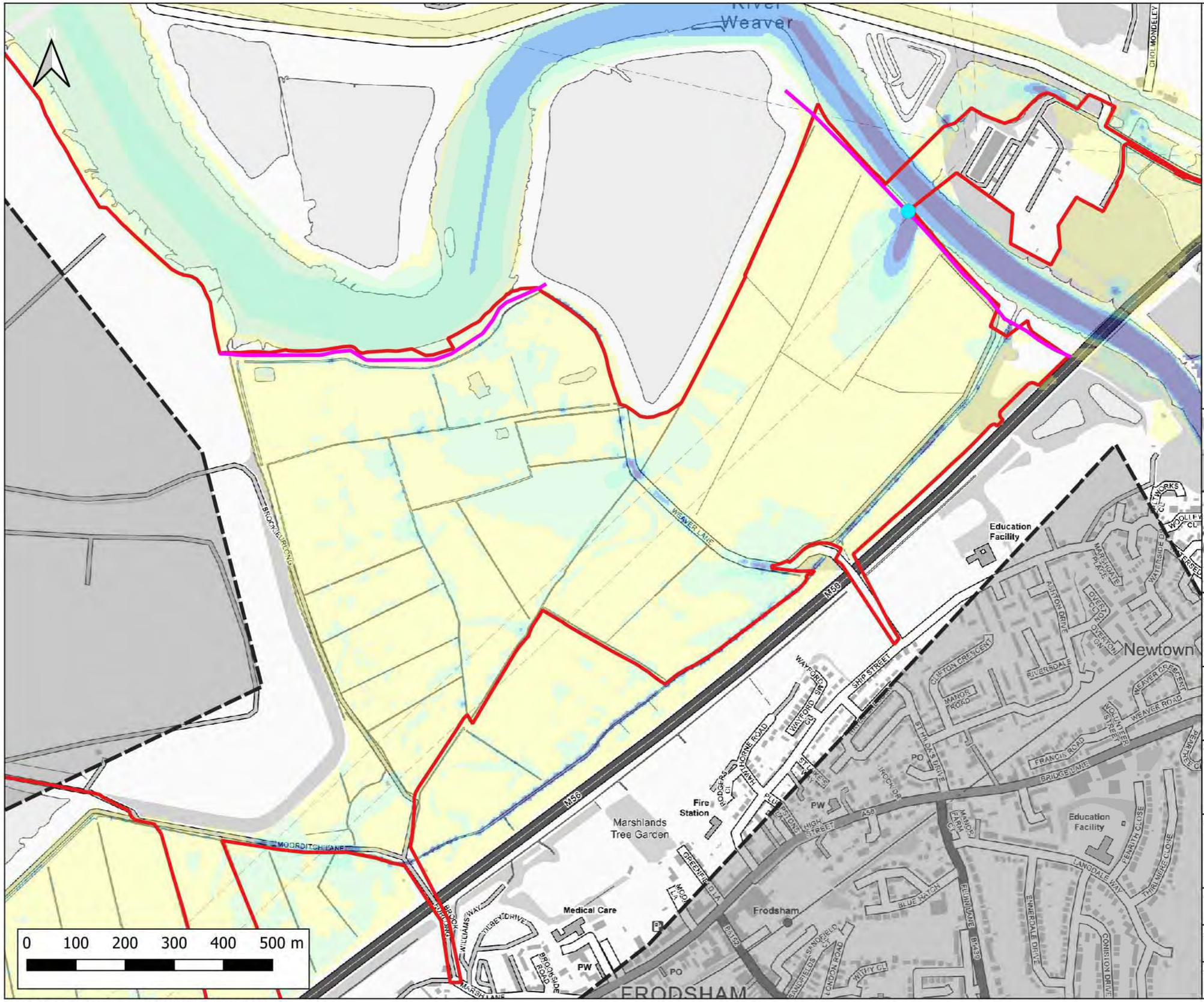


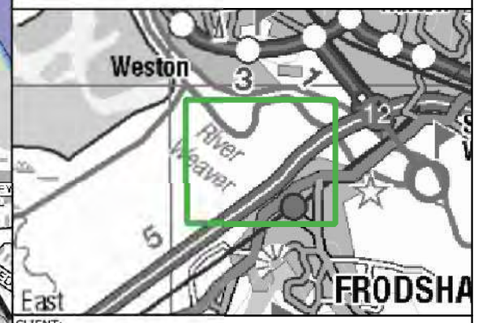
Notes:
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

LEGEND

- Site Boundary
- 2D Model Extent
- 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

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:	REVISION:
14740_LW_BR2_EXG_Q100CC106_M(LOW)_ME(MHWSCC)_052_V_Max	-

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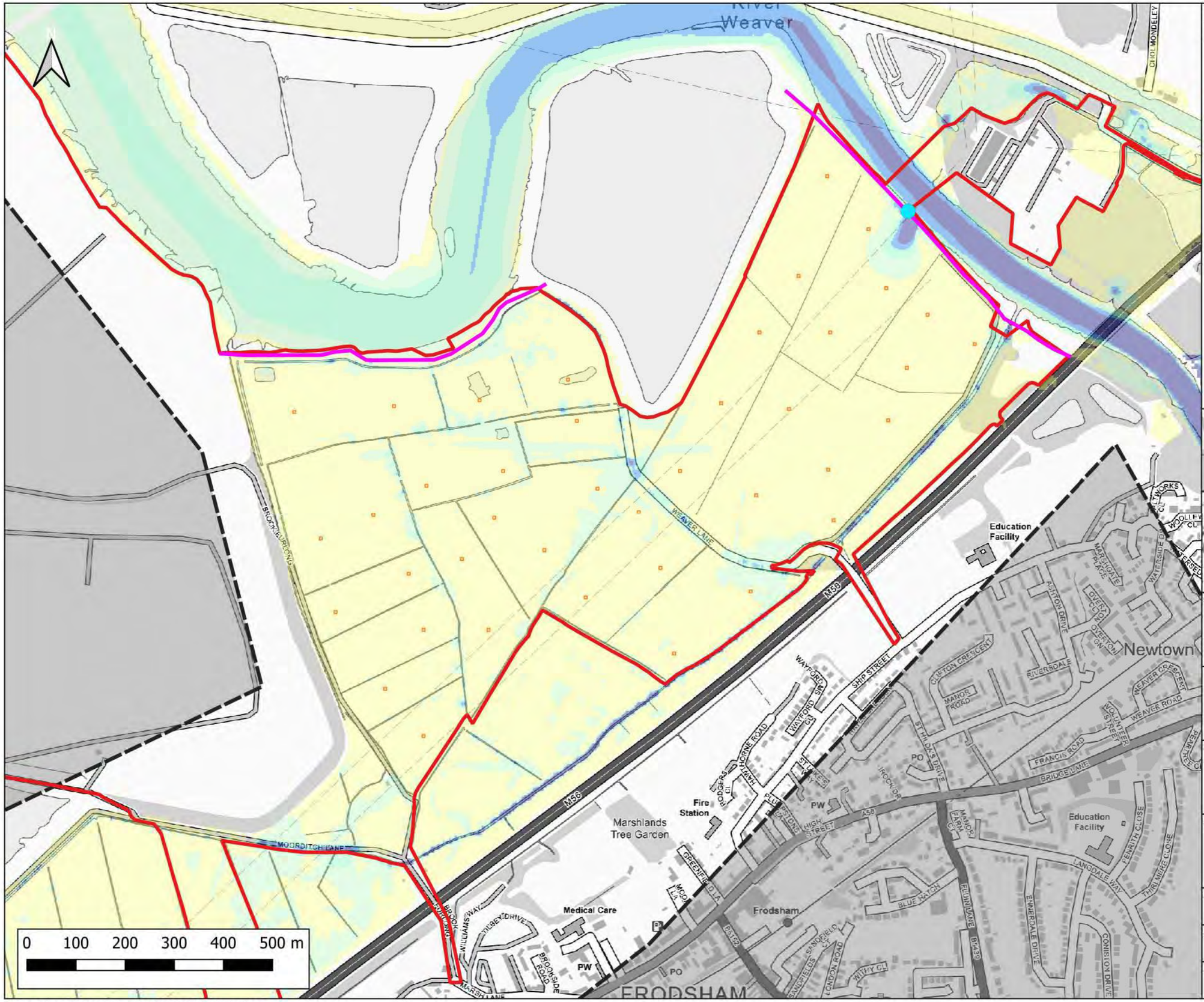


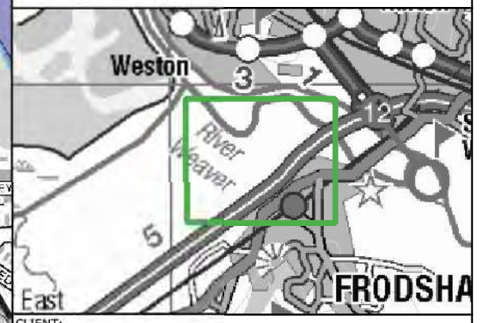
Notes:
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

LEGEND

- Site Boundary
- 2D Model Extent
- 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

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	30-04-2025

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

PLOT NAME:	REVISION:
14740_LW_BR2_DEV2_Q100CC106_M(LOW)_ME(MHWSCC)_052_V_Max	-

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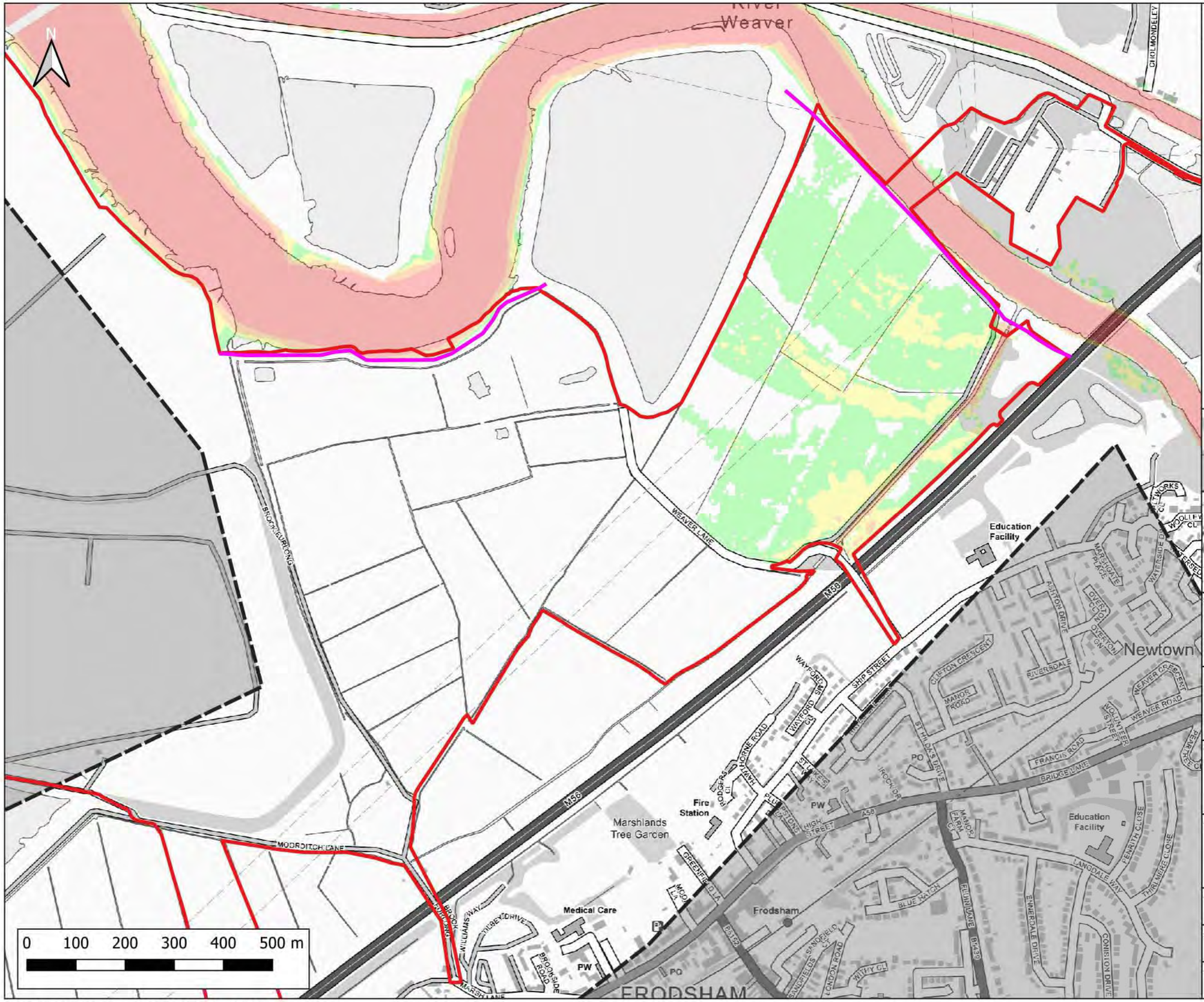
Notes:
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

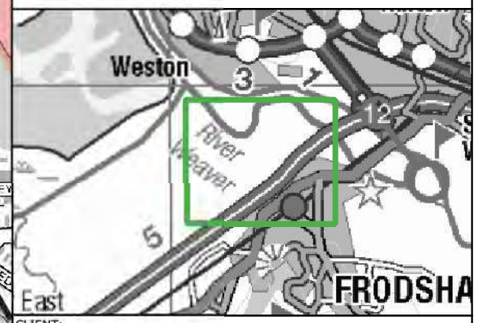
LEGEND

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

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 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_ZUK2_Max	-

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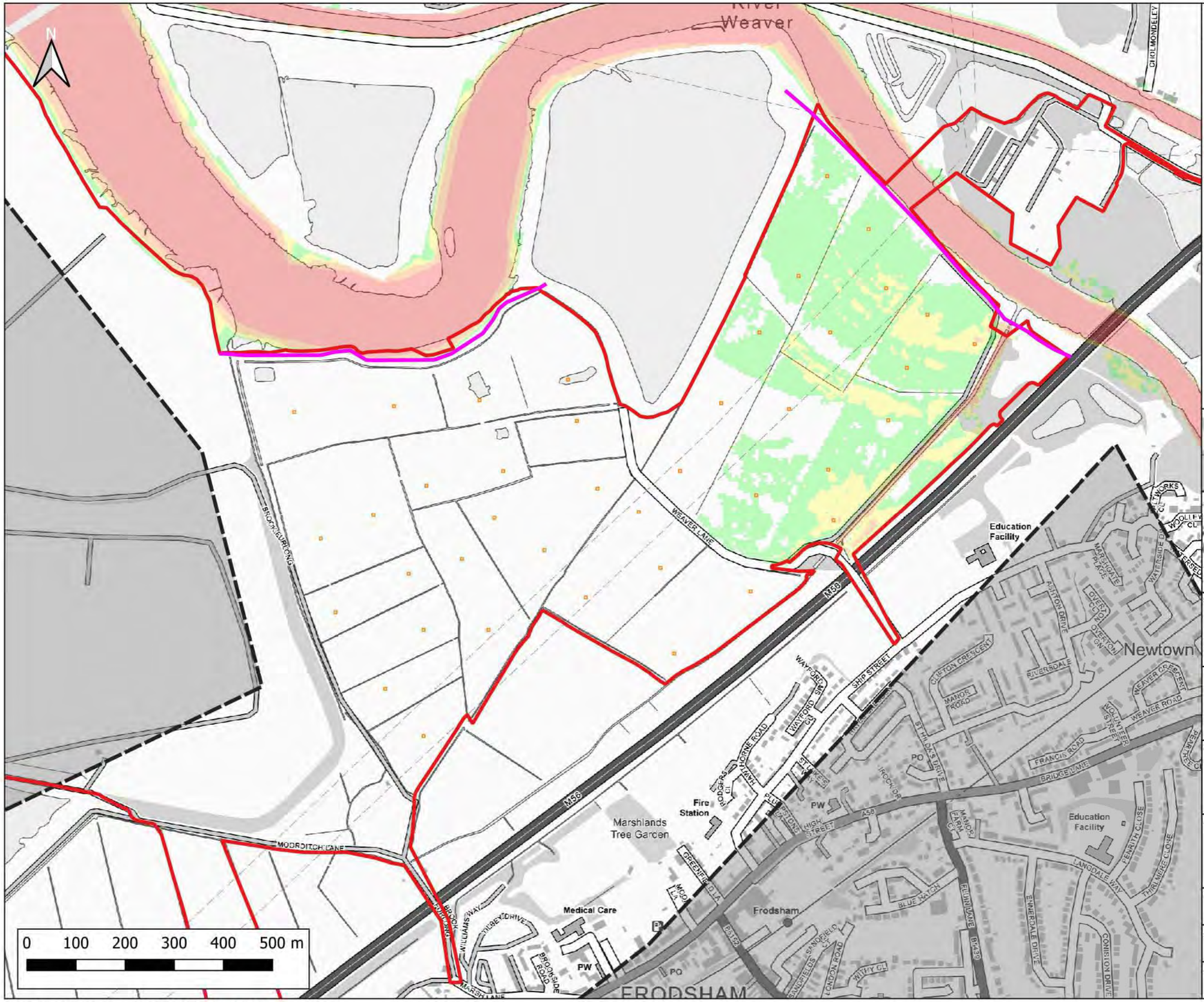
Notes:
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

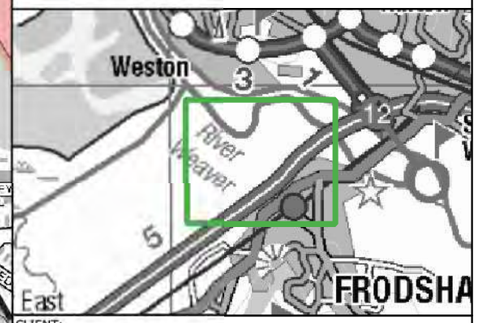
LEGEND

- Site Boundary
- 2D Model Extent
- 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

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:	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(LDW)_RE(MHWS)_052_ZUK2_Max	-

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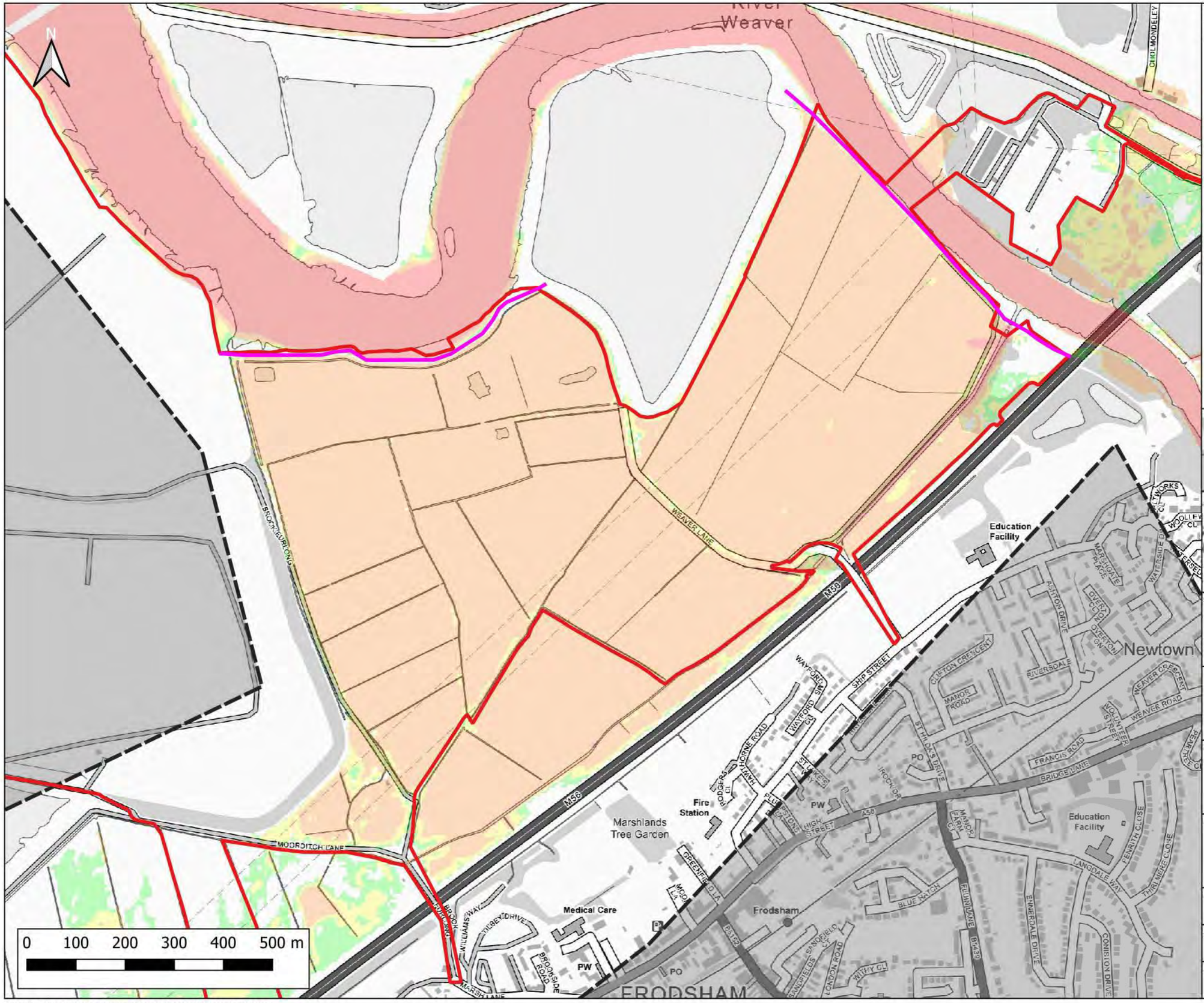
Notes:
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

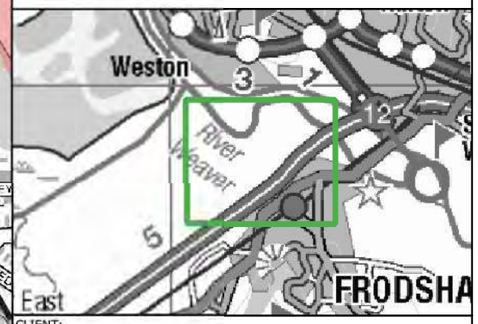
LEGEND

- Site Boundary
- 2D Model Extent
- 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 +67% CC Fluvial Event
MWHS +CC Tidal Event
Defended Existing Scenario (EXG)

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

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

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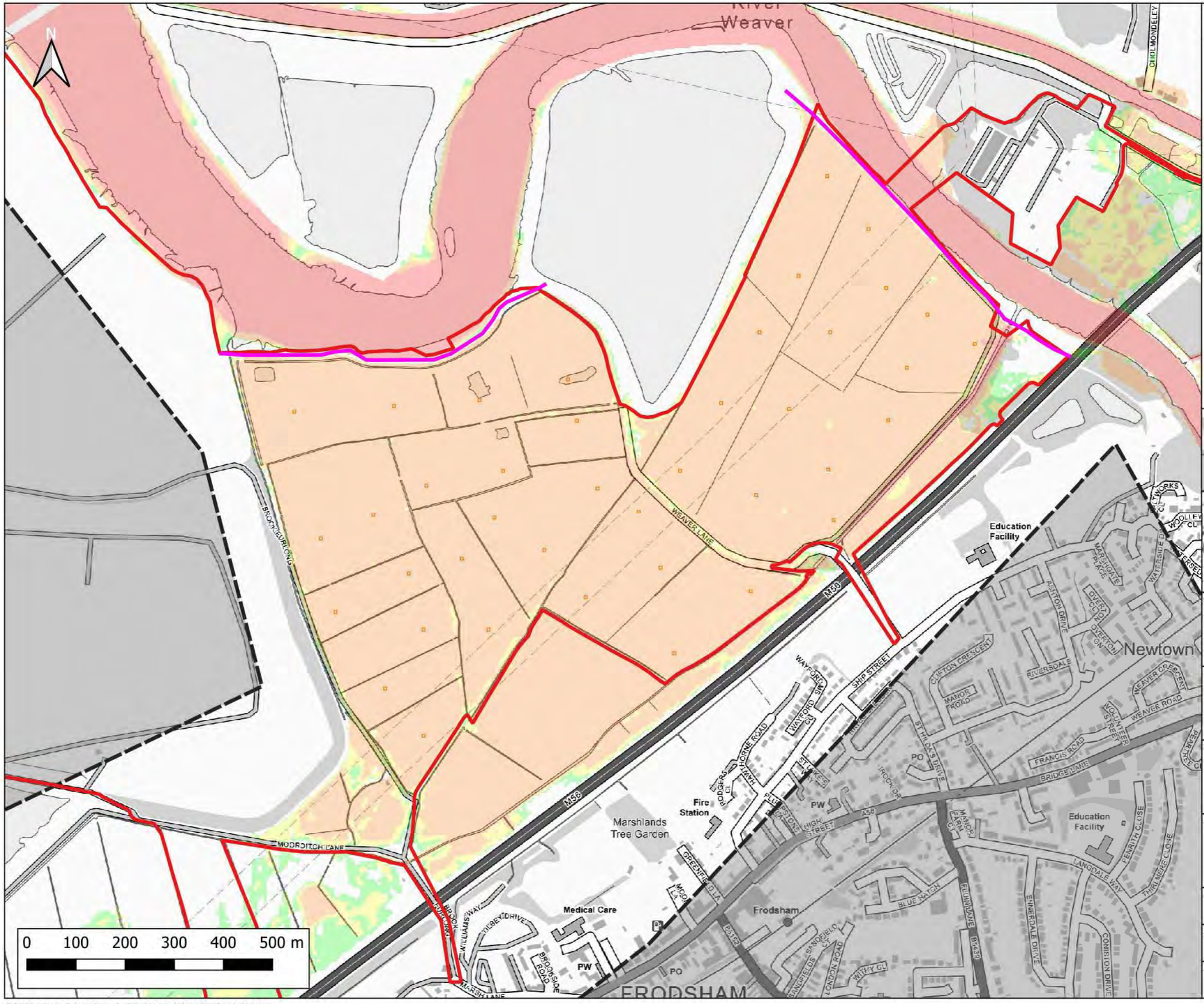


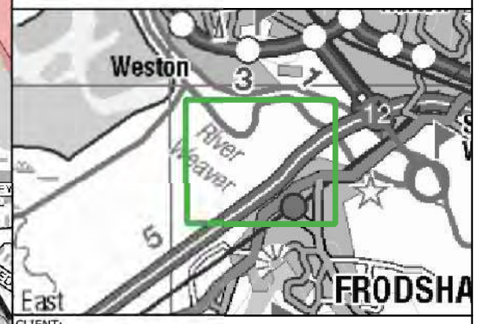
Notes:
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

LEGEND

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

Maximum Flood Hazard Rating (FD2320)

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



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Frodsham Solar Ltd

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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
Defended Proposed Development Scenario (DEV)

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

PLOT NAME: 14746_LW_DEF_DEV2_Q100CC67_M(LOW)_ME(MHWSCC)_052_ZUK2_Max

REVISION: -

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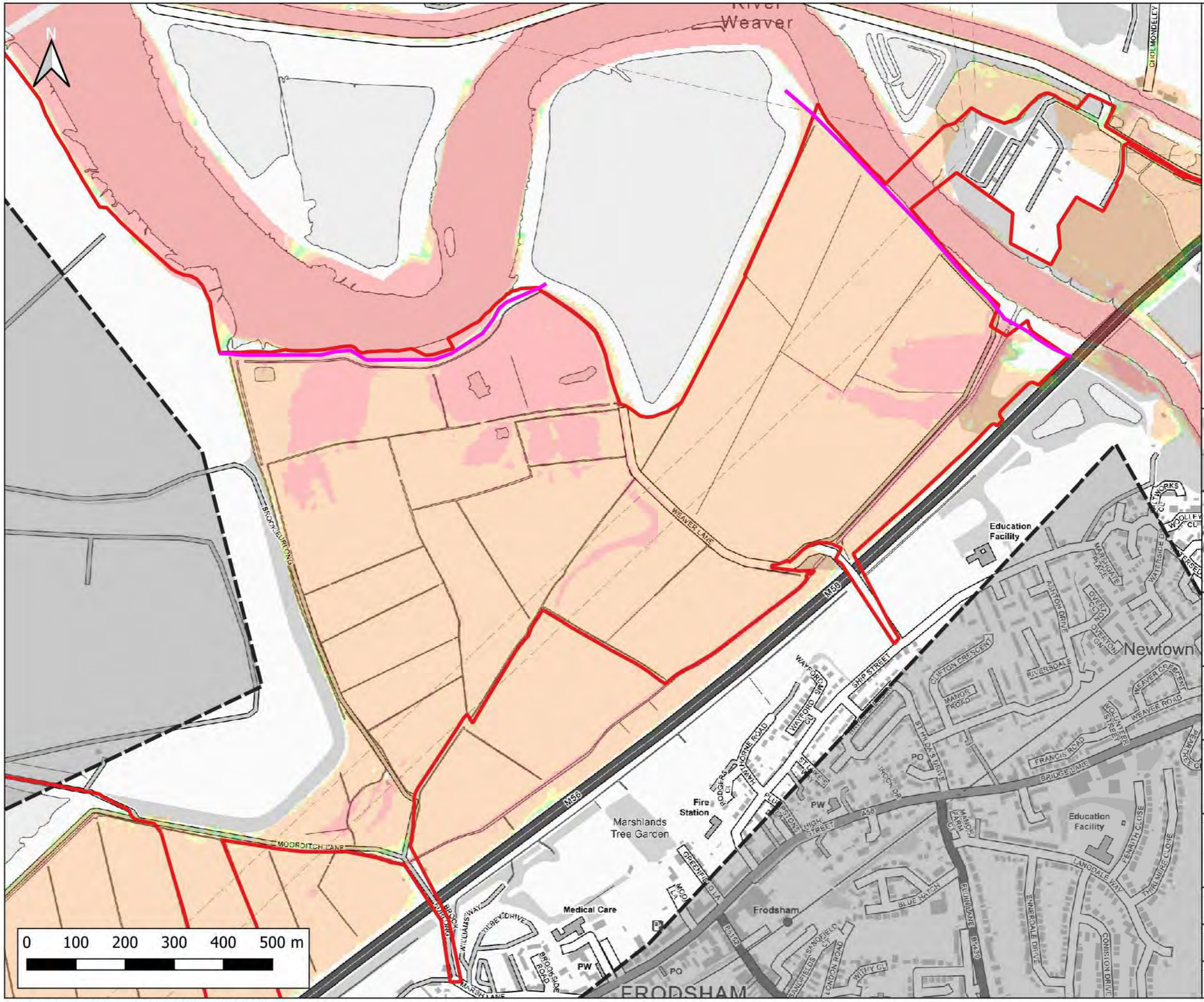


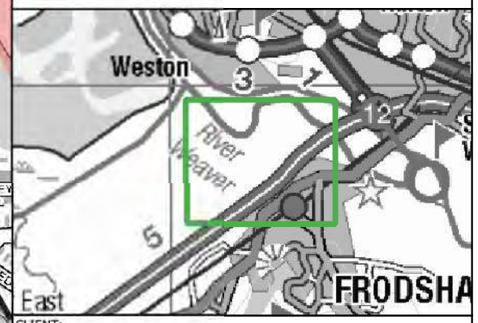
Notes:
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

LEGEND

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

Maximum Flood Hazard Rating (FD2320)

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



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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 Existing Scenario (EXG)

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

PLOT NAME:	REVISION:
14740_LW_DEF_EXG_Q100CC67_M(LOW)_ME('200HC_2075UE)_052_ZUK2_Max	-

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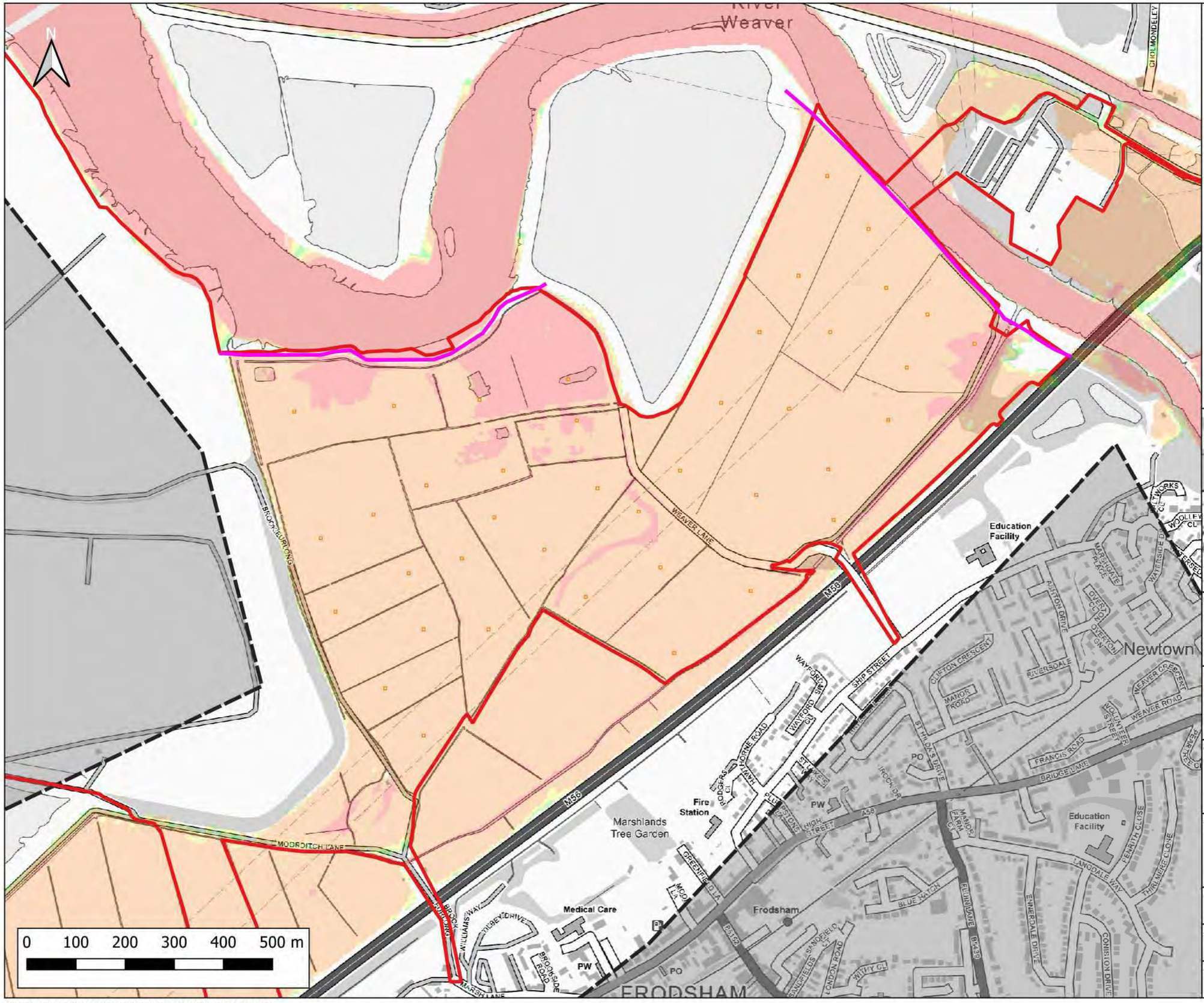


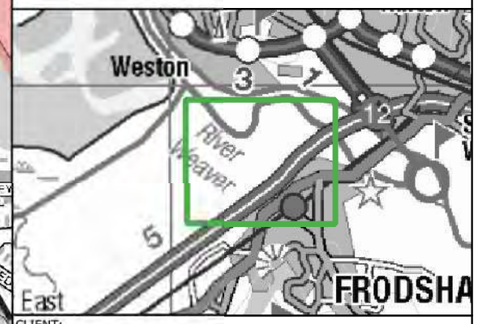
Notes:
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

LEGEND

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

Maximum Flood Hazard Rating (FD2320)

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



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

PLOT NAME:	REVISION:
14740_LW_DEF_DEV2_Q100CC67_M(LOW)_ME(T200HC_2075UE)_052_ZUK2_Max	-

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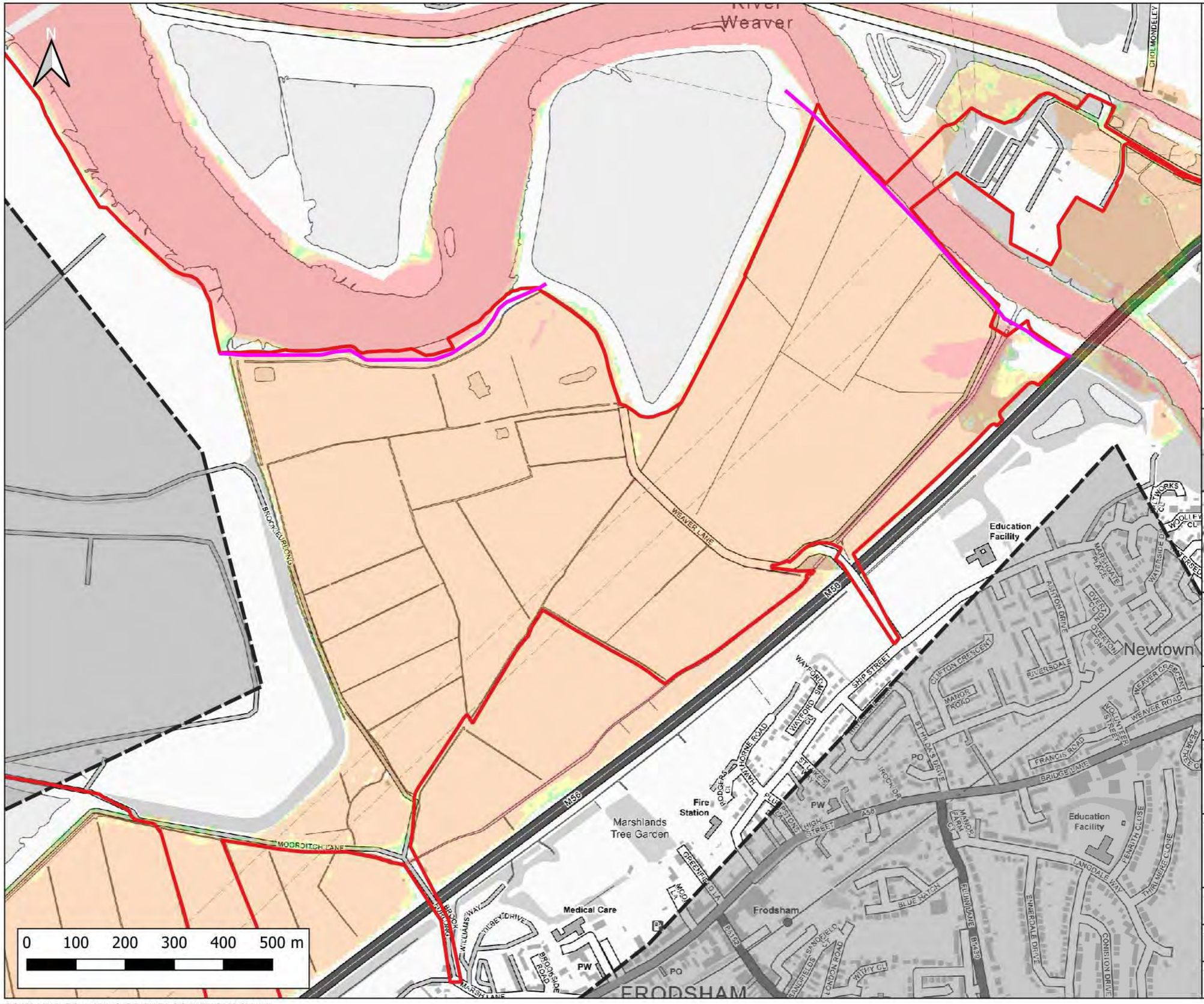


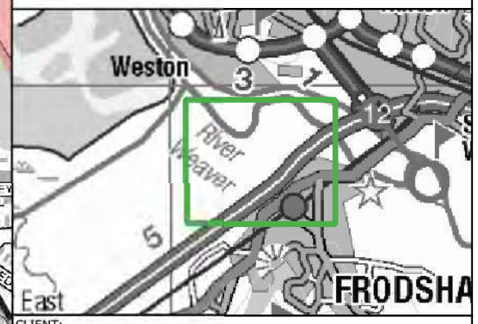
Notes:
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

LEGEND

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

Maximum Flood Hazard Rating (FD2320)

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



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

PLOT NAME:	REVISION:
14740_LW_DEF_EXG_Q100CC106_M(LOW)_ME(MHWSCC)_052_ZUK2_Max	-

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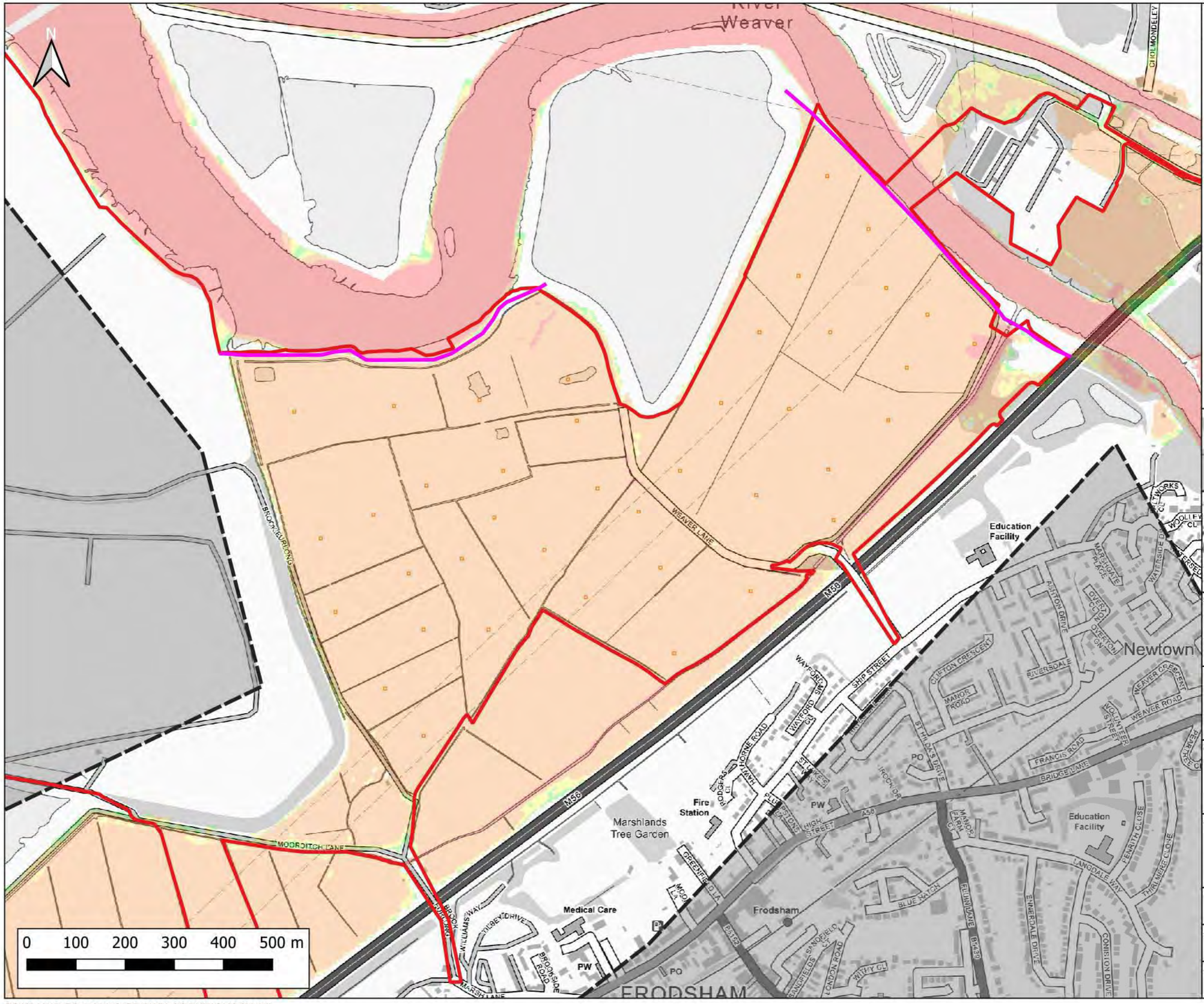


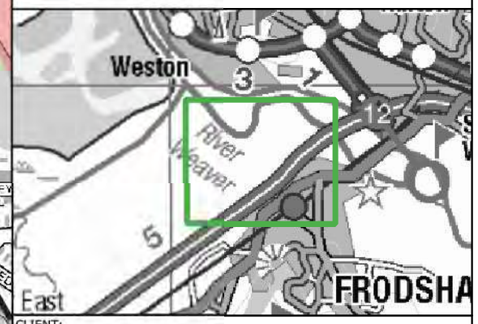
Notes:
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

LEGEND

- Site Boundary
- 2D Model Extent
- 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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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	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_ZUK2_Max	-

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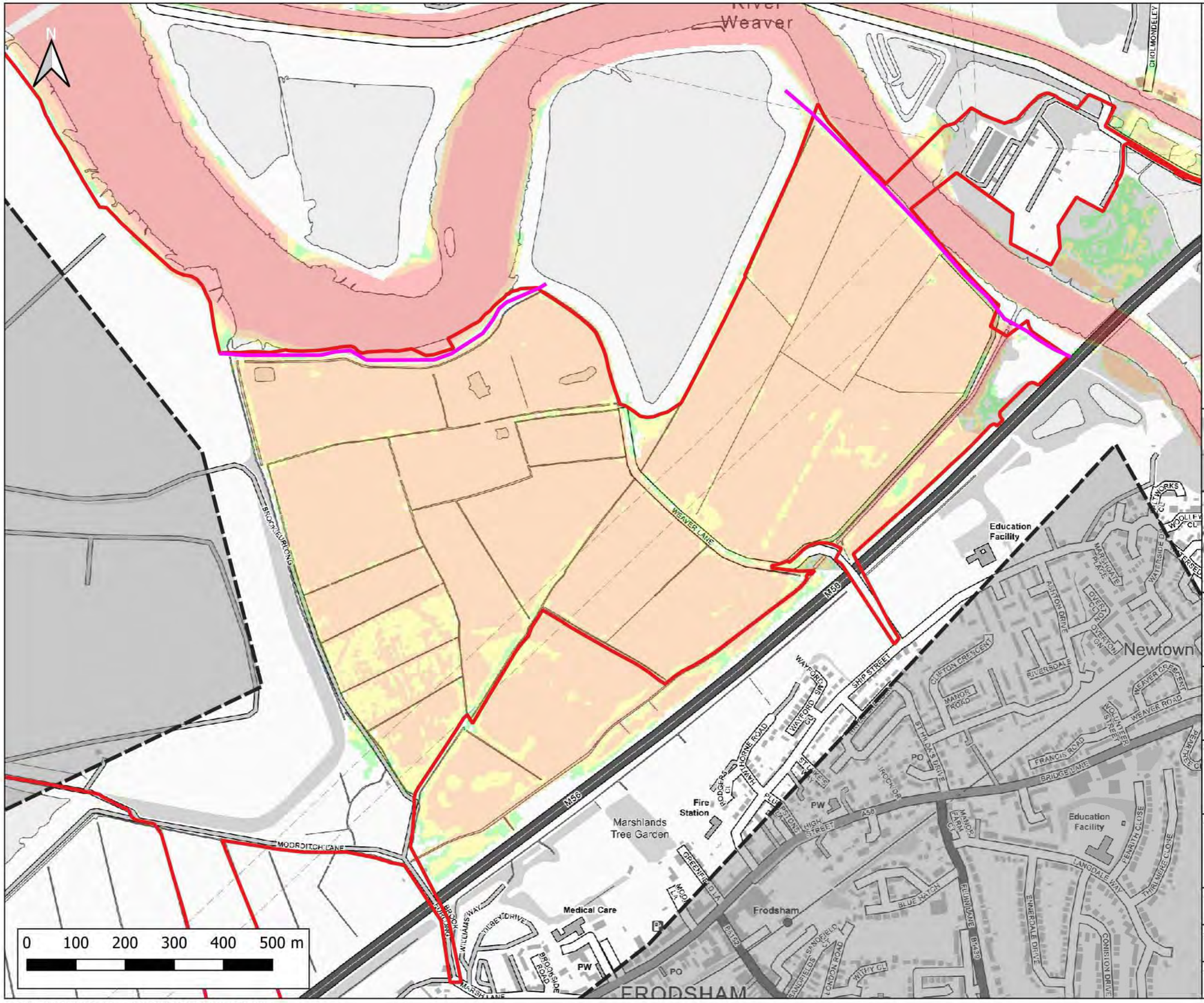


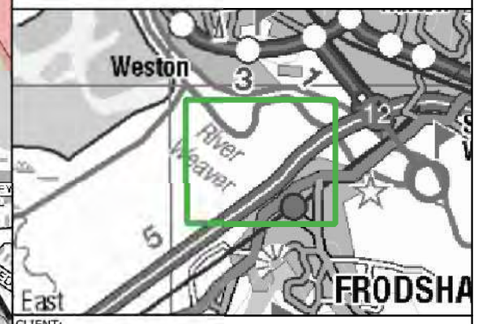
Notes:
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

LEGEND

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

Maximum Flood Hazard Rating (FD2320)

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



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Frodsham Solar Ltd

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

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

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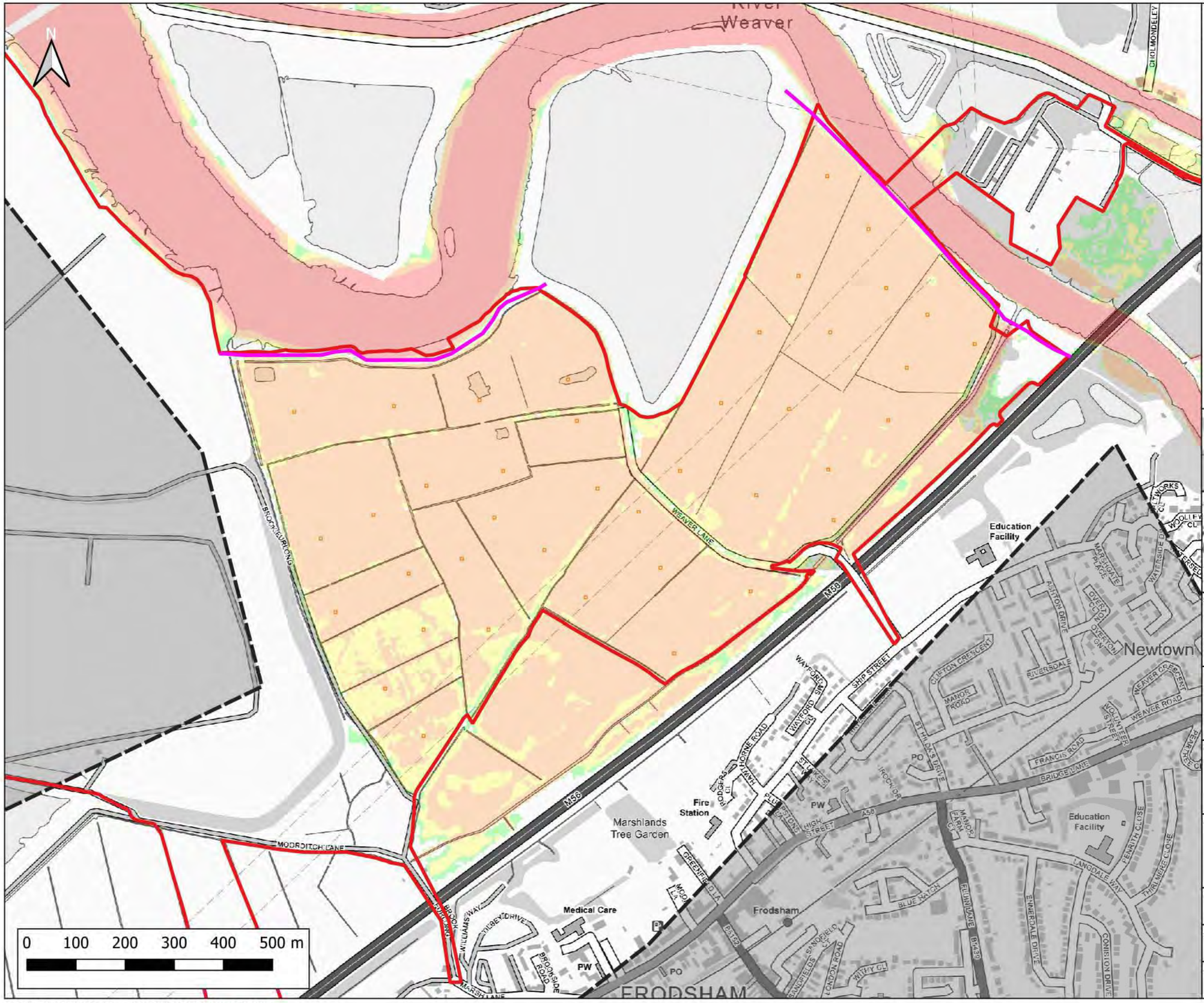
Notes:
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

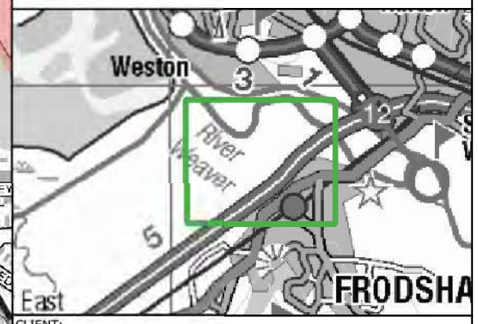
LEGEND

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

Maximum Flood Hazard Rating (FD2320)

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





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

PLOT NAME:	REVISION:
14740_LW_DEF_DEV2_Q1000_M(LOW)_HE(MHWS)_052_ZUK2_Max	-

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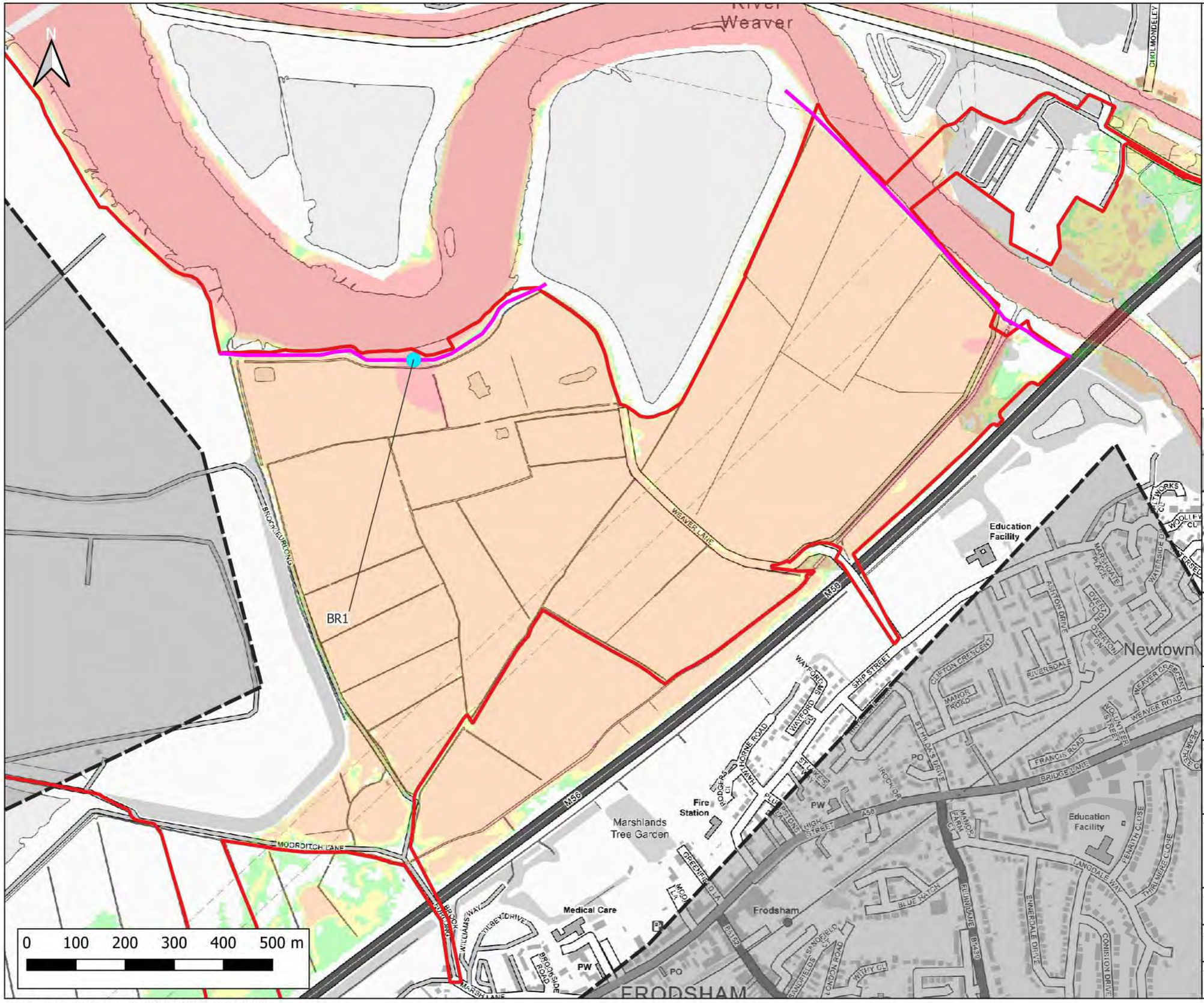


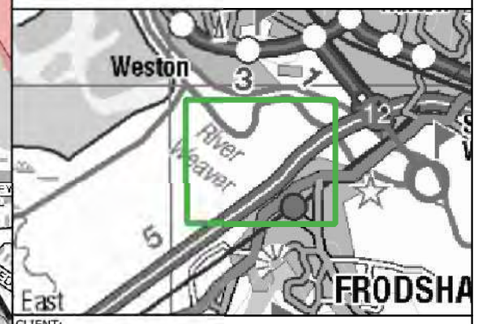
Notes:
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

LEGEND

- Site Boundary
- 2D Model Extent
- 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

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

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

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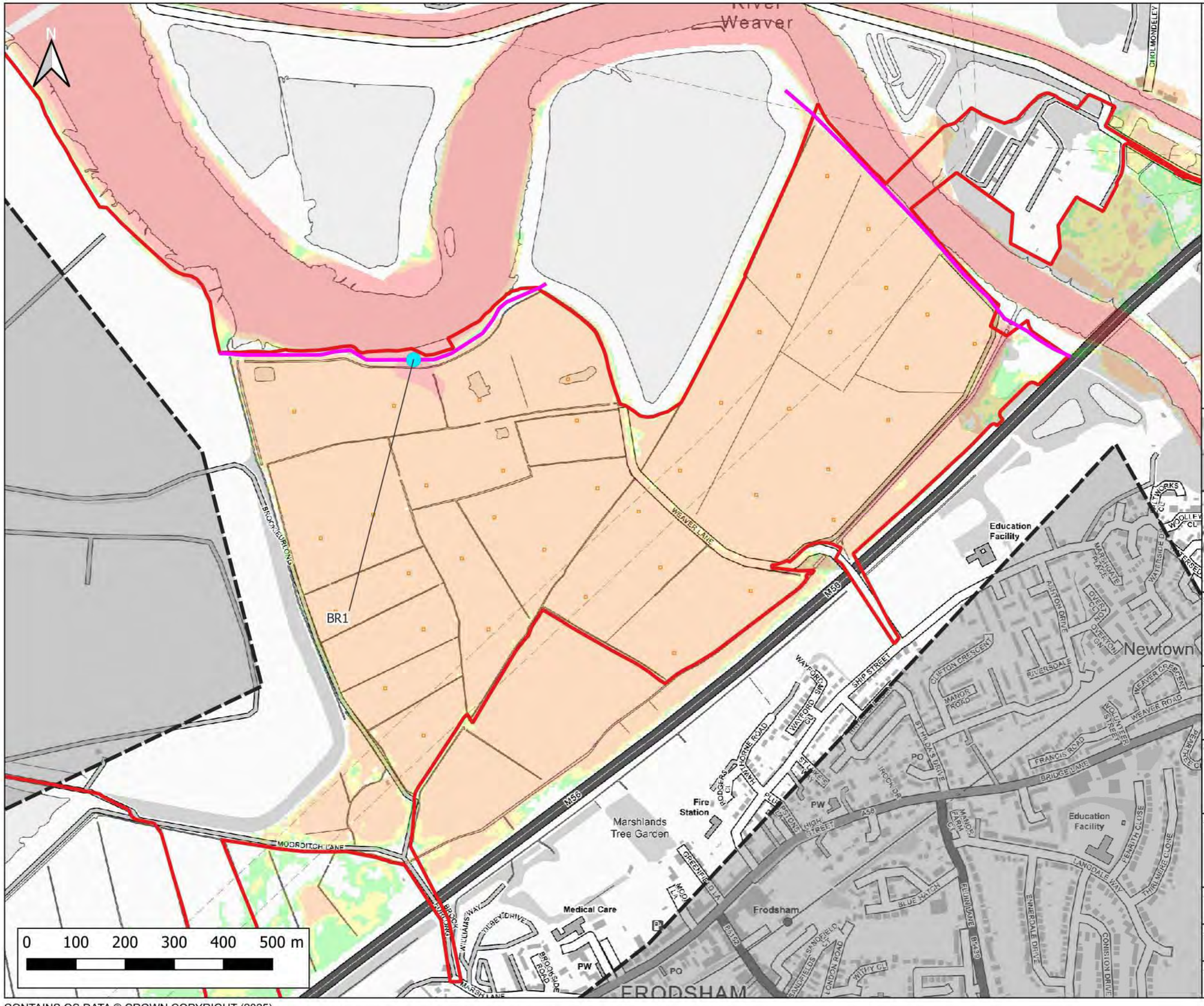


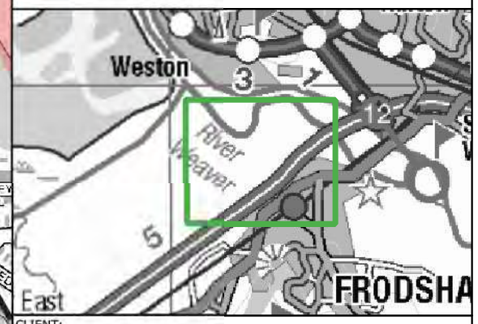
Notes:
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

LEGEND

- Site Boundary
- 2D Model Extent
- 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:
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 1 Proposed Development Scenario (DEV)

PLOT STATUS:			DATE:
FINAL			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(MHWSCC)_052_ZUK2_Max

REVISION: -

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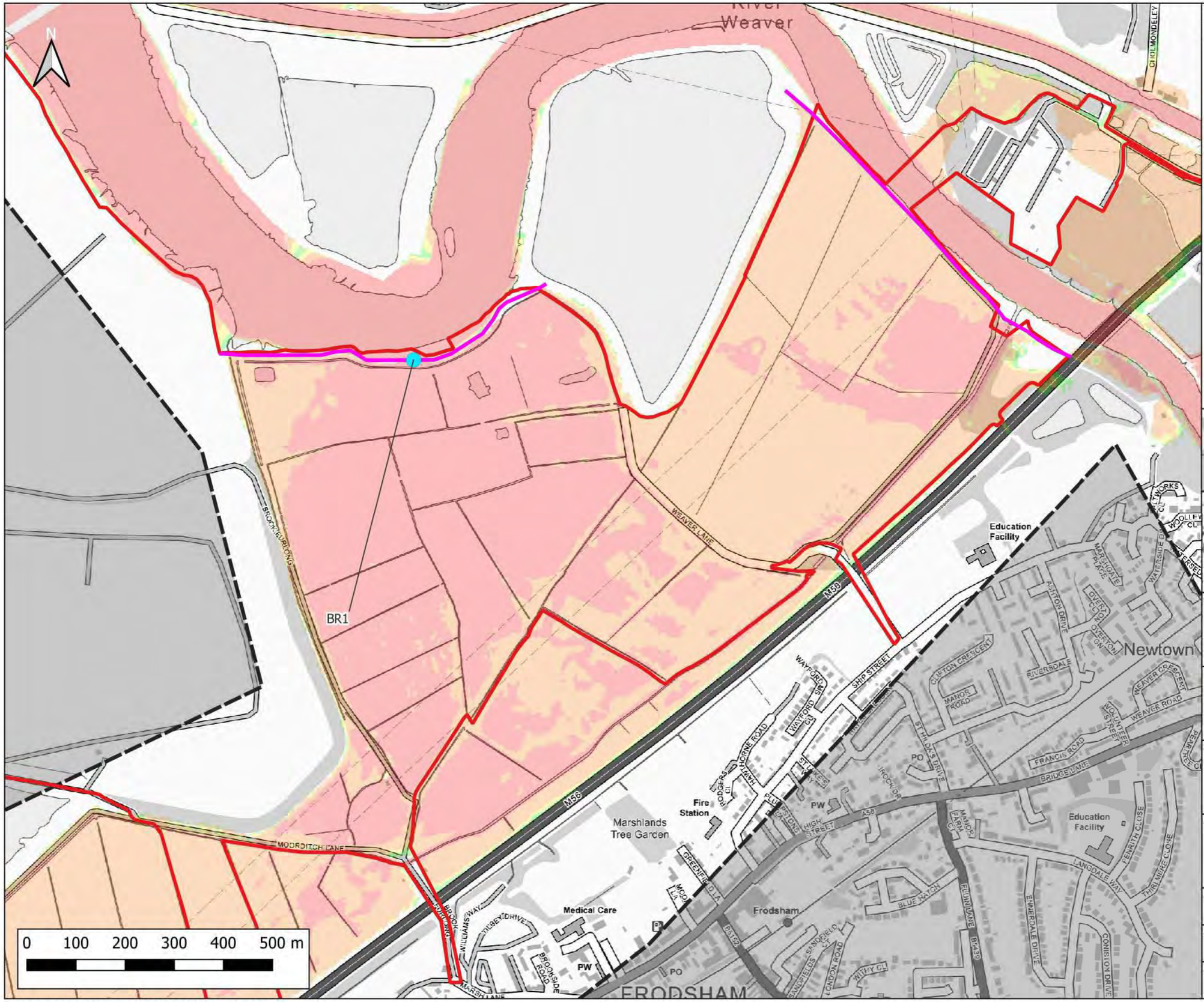


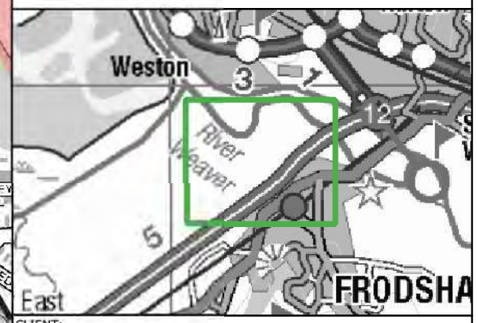
Notes:
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

LEGEND

- Site Boundary
- 2D Model Extent
- 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
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('200HC_2075UE)_052_ZUK2_Max	-

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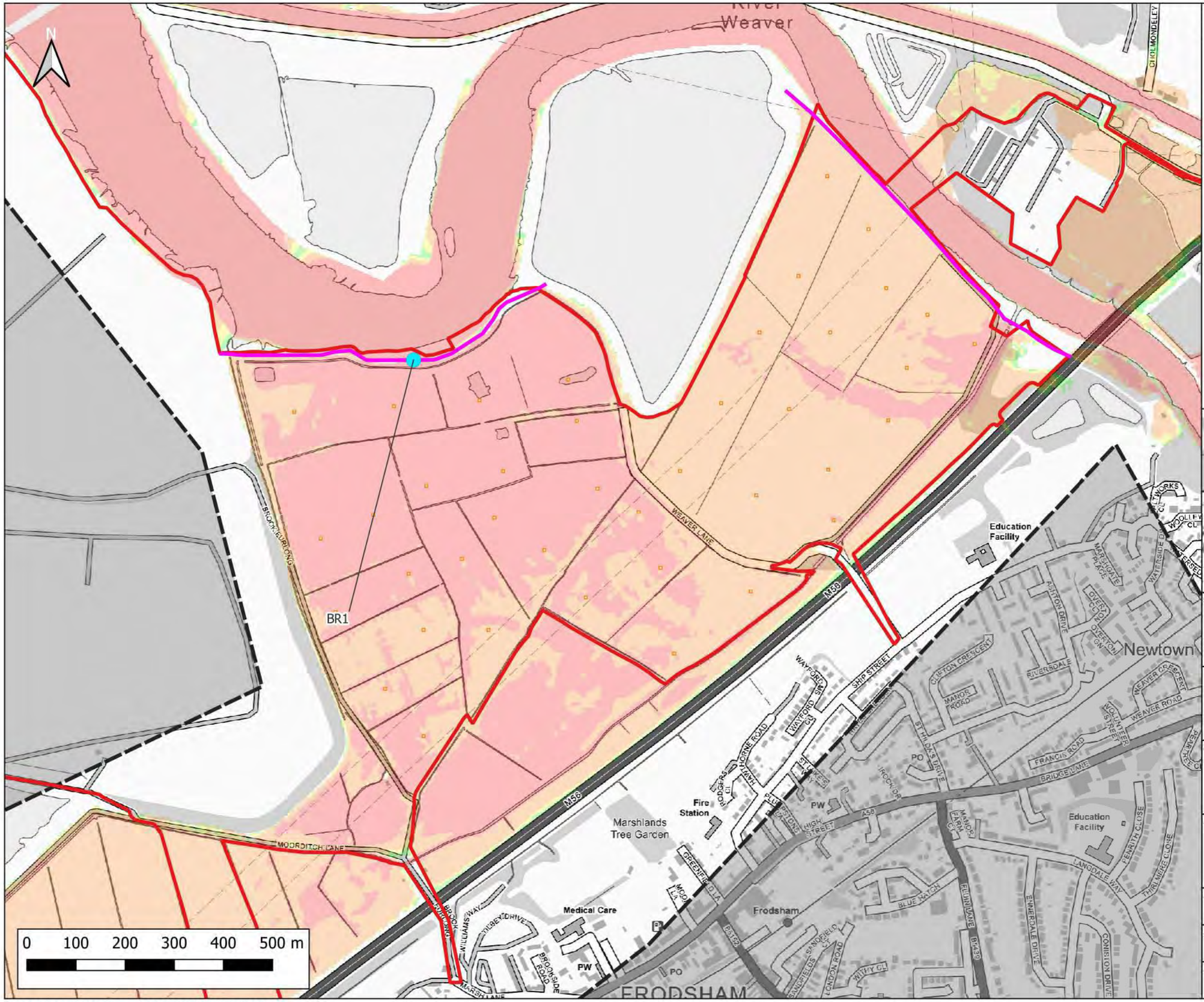


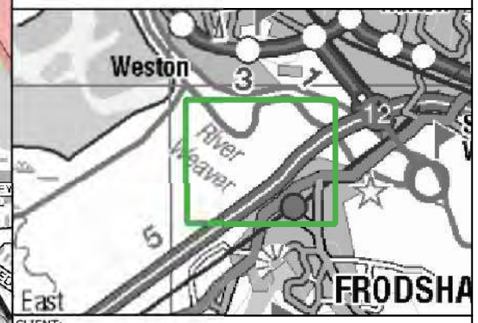
Notes:
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

LEGEND

- Site Boundary
- 2D Model Extent
- 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:
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
0.5% AEP Tidal Event (2075)
Breach 1 Proposed Development Scenario (DEV)

PLOT STATUS:			DATE:
FINAL			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_ZUK2_Max

REVISION: -

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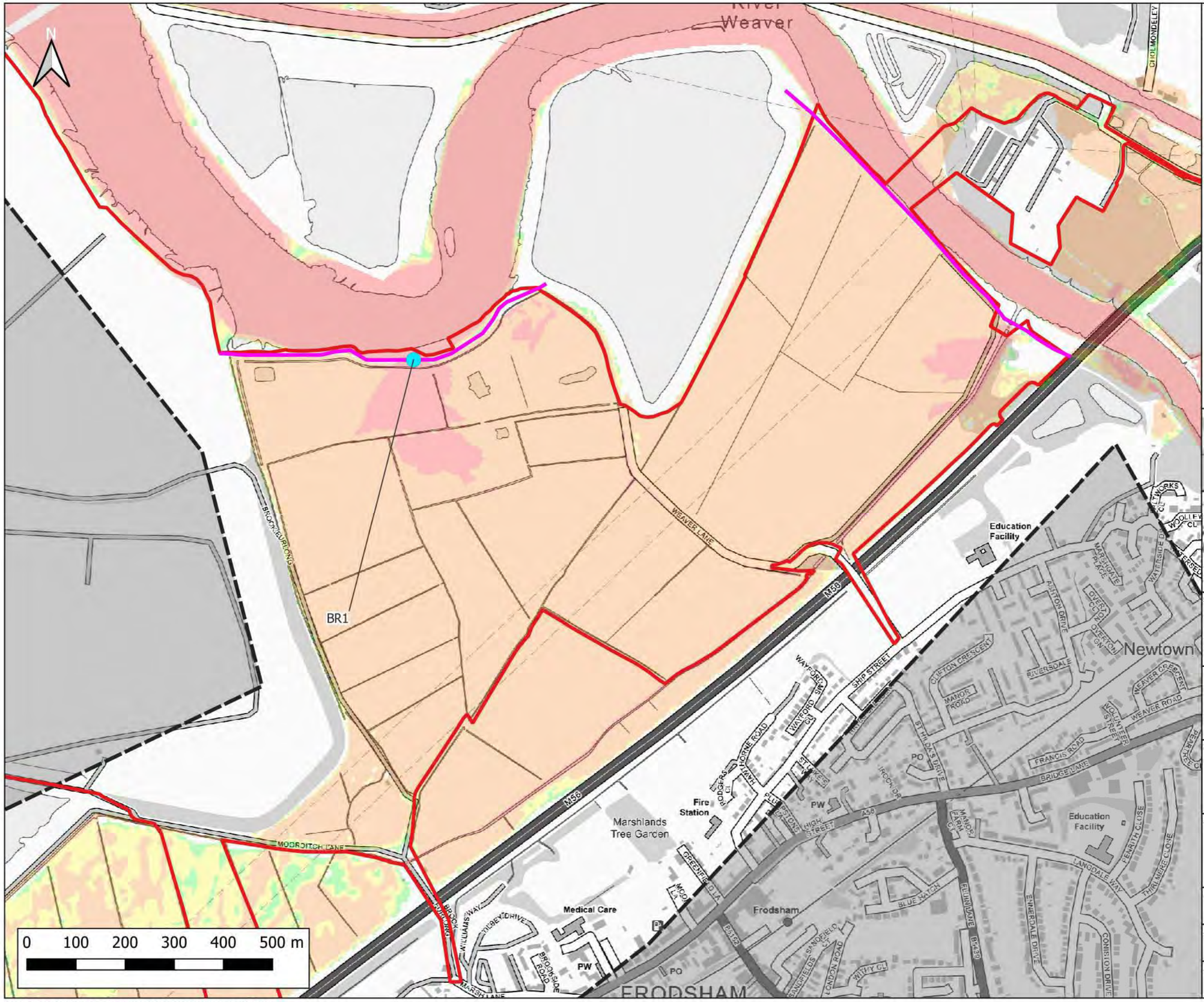


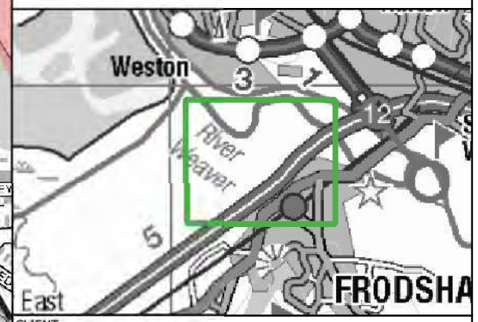
Notes:
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

LEGEND

- Site Boundary
- 2D Model Extent
- 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

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
Breach 1 Existing Scenario (EXG)

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

PLOT NAME:	REVISION:
14740_LW_BR1_EXG_Q100CC106_M(LOW)_ME(MHWSCC)_052_ZUK2_Max	-

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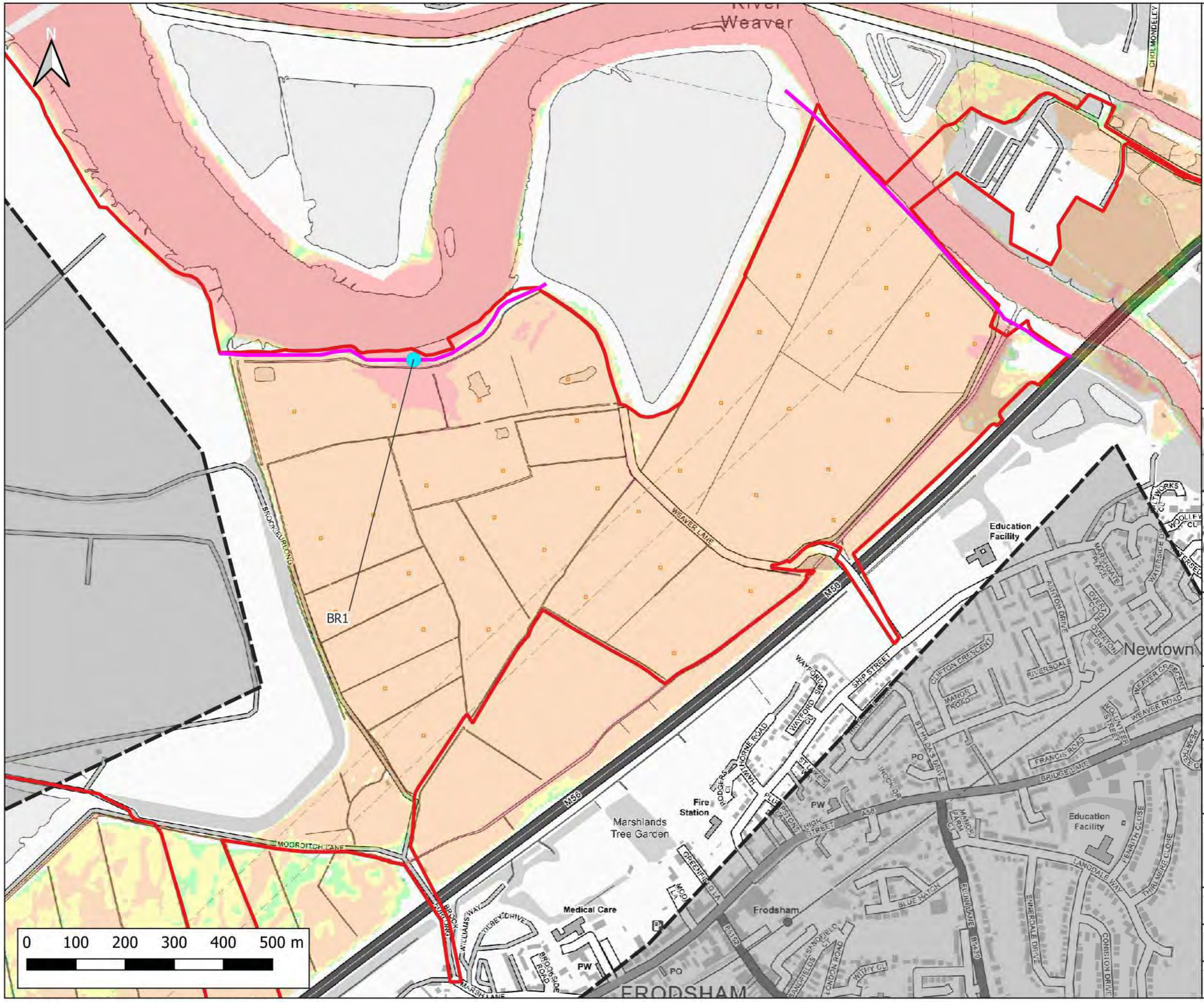


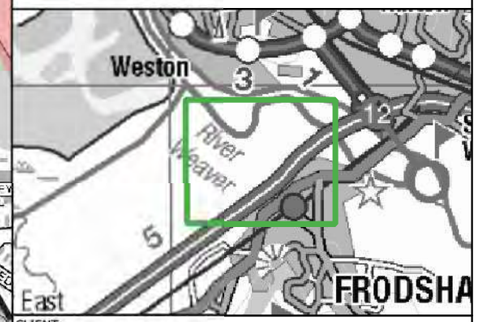
Notes:
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

LEGEND

- Site Boundary
- 2D Model Extent
- 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:
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
Breach 1 Proposed Development Scenario (DEV)

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

PLOT NAME:	REVISION:
14740_LW_BR1_DEV2_Q100CC10B_M(LOW)_ME(MHWSCC)_052_ZUK2_Max	-

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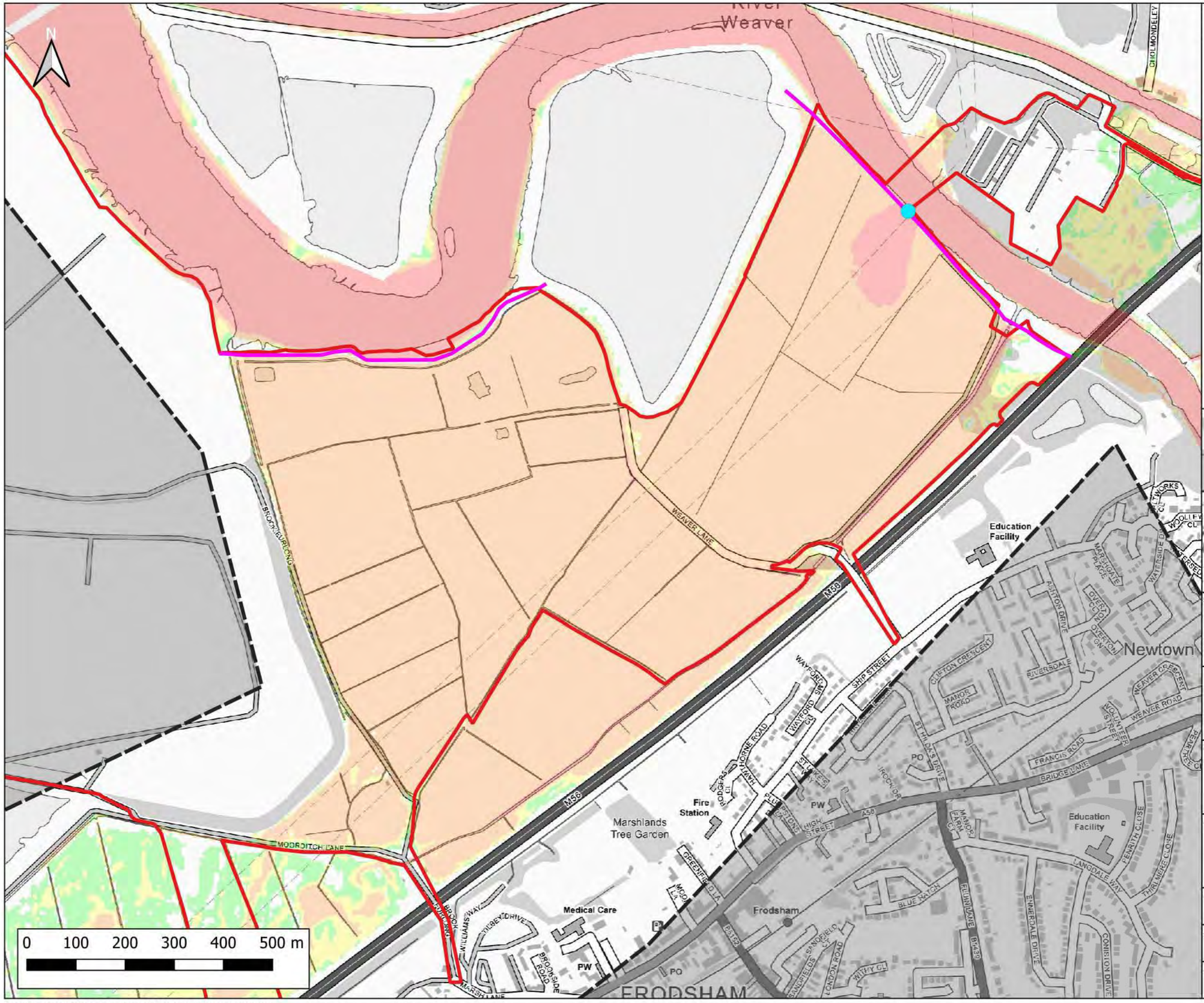


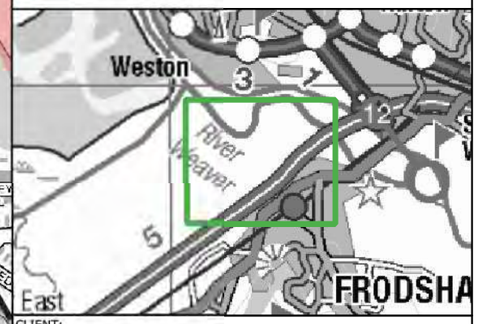
Notes:
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

LEGEND

- Site Boundary
- 2D Model Extent
- 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: MH	CHECKED: AP	APPROVED: LS	PLOT SCALE AT A3: 1:7500

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

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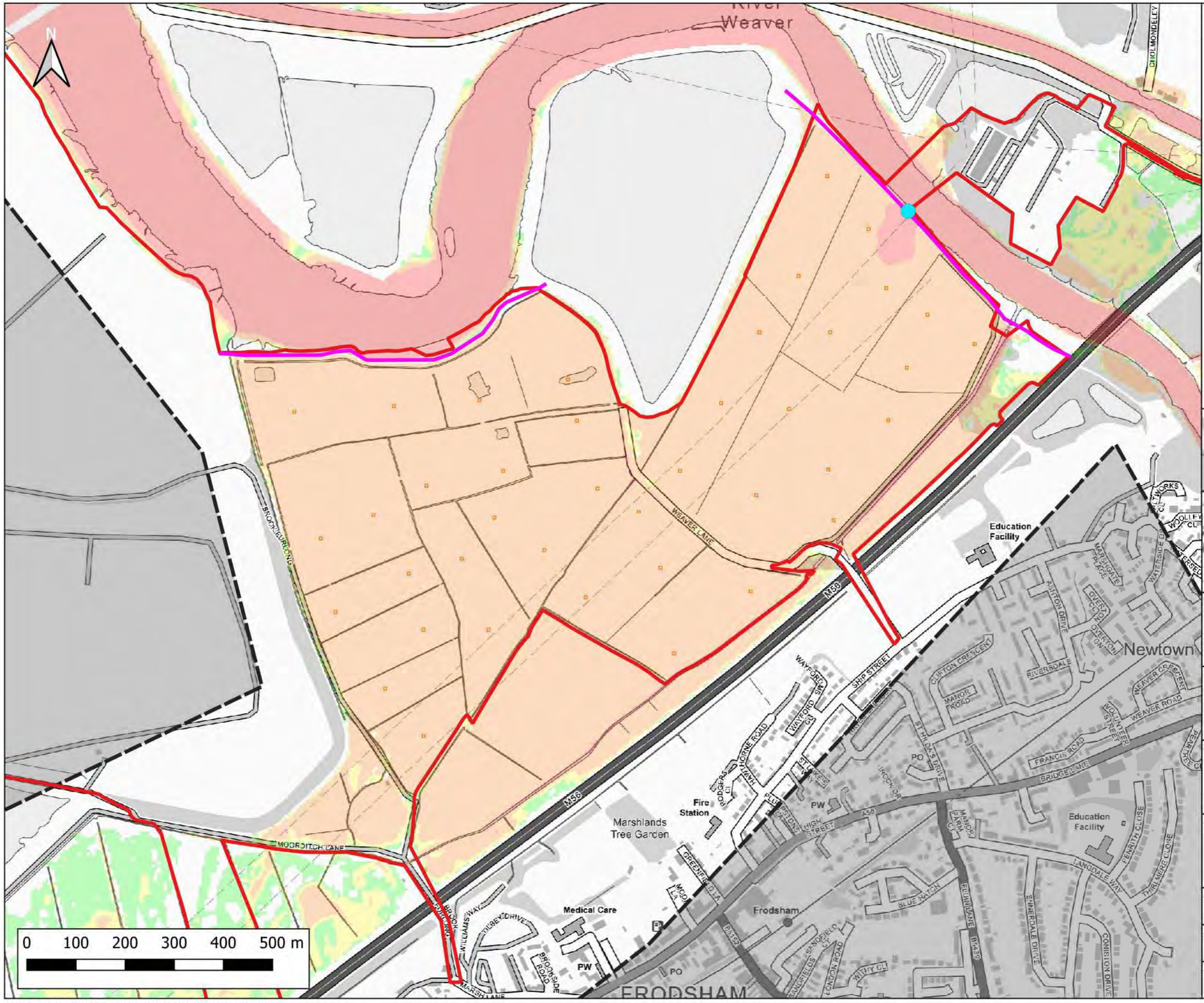


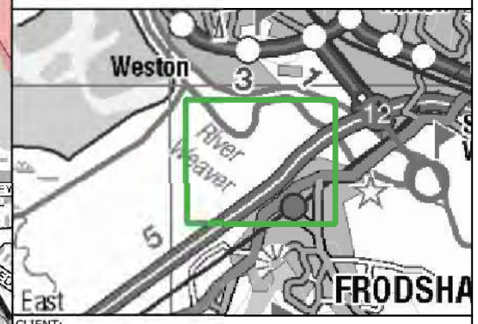
Notes:
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

LEGEND

- Site Boundary
- 2D Model Extent
- 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: MH	CHECKED: AP	APPROVED: LS	PLOT SCALE AT A3: 1:7500

PLOT NAME: 14746_LW_BR2_DEV2_Q100CC67_M(LOW)_ME(MHWSCC)_052_ZUK2_Max

REVISION: -

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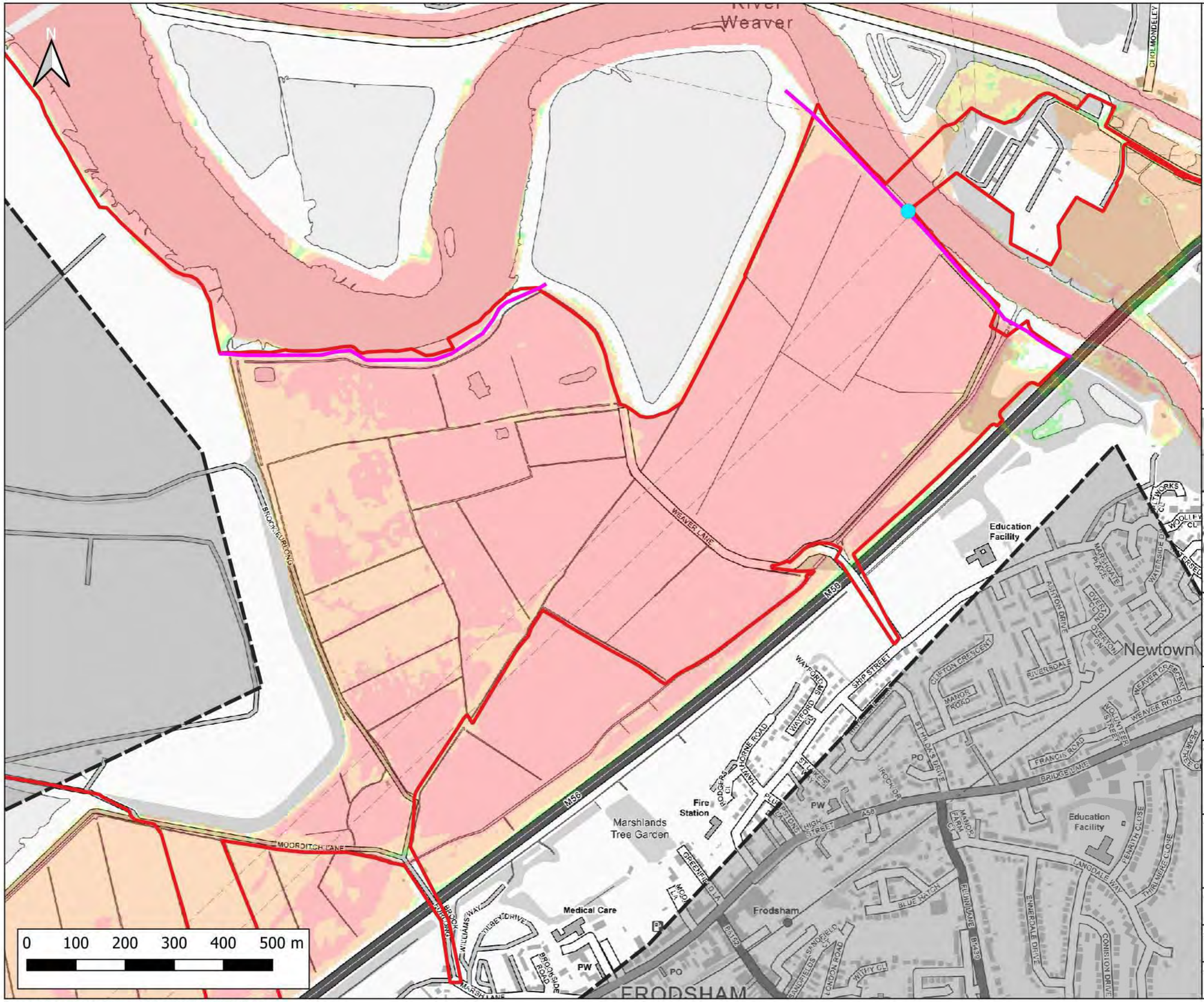


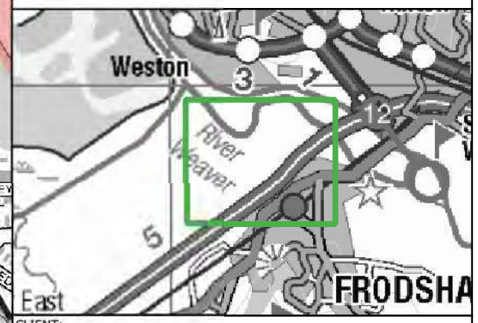
Notes:
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

LEGEND

- Site Boundary
- 2D Model Extent
- 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
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(LDW)_ME('200HC_2075UE)_052_ZUK2_Max	-

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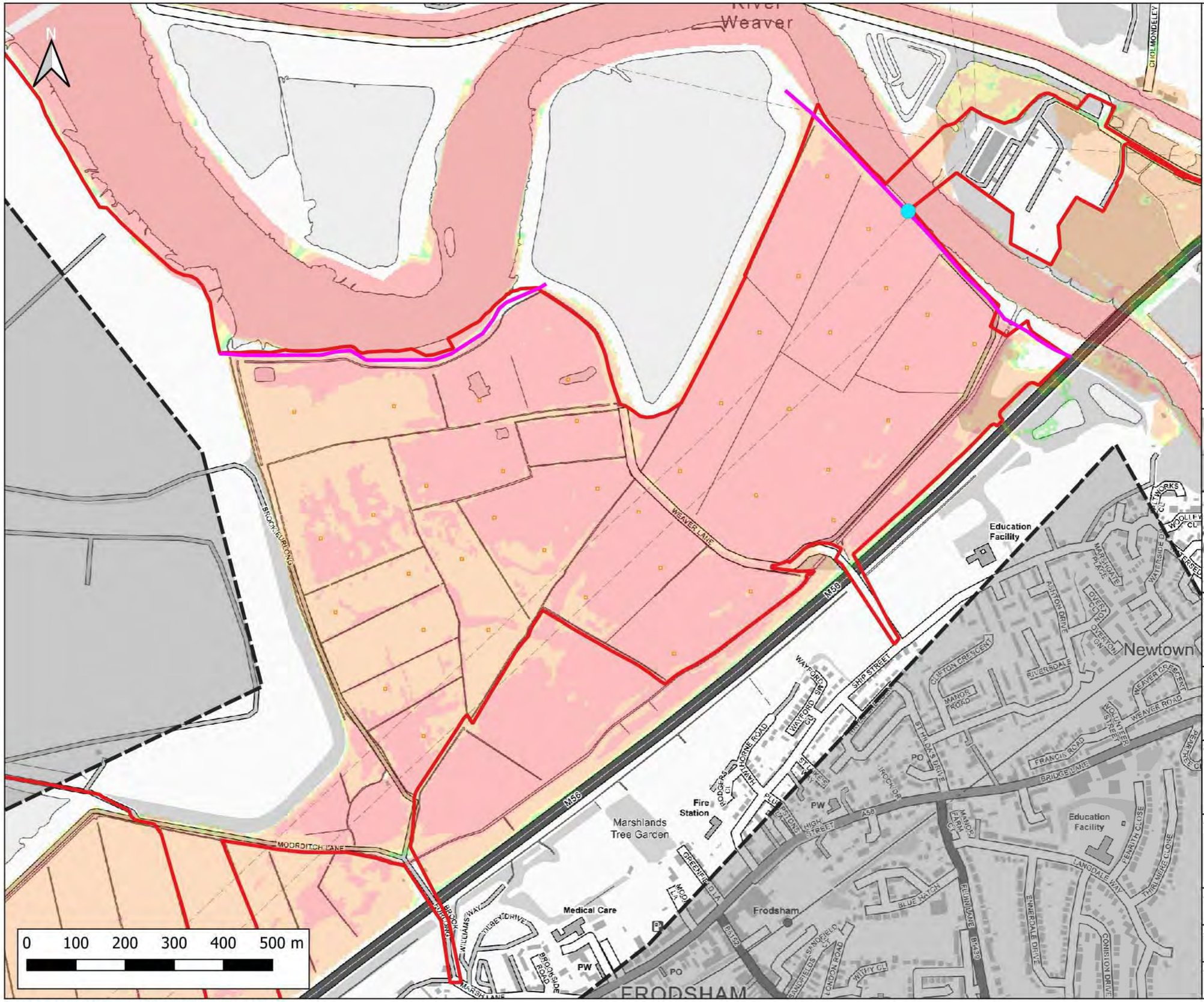


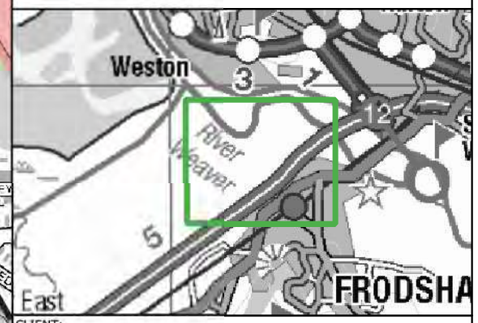
Notes:
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

LEGEND

- Site Boundary
- 2D Model Extent
- 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
0.5% AEP Tidal Event (2075)
Breach 2 Proposed Development Scenario (DEV)

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

PLOT NAME: 14740_LW_BR2_DEV2_Q100CC67_M(LOW)_ME(T200HC_2075UE)_052_ZUK2_Max

REVISION: -

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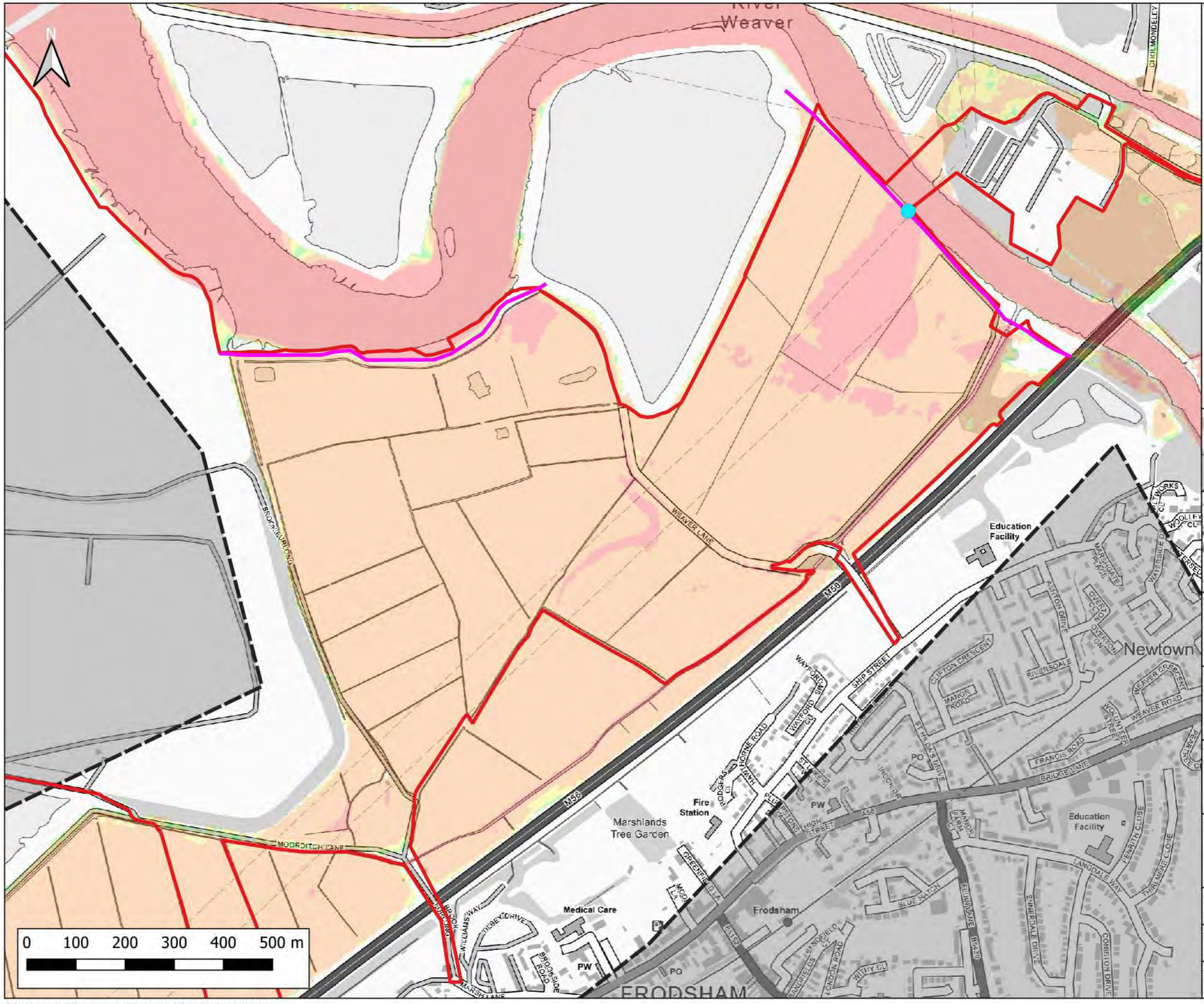


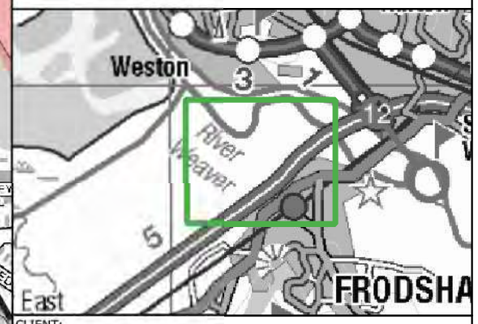
Notes:
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

LEGEND

- Site Boundary
- 2D Model Extent
- 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 +106% CC Fluvial Event
MWHS +CC Tidal Event
Breach 2 Existing Scenario (EXG)

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

PLOT NAME:	REVISION:
14740_LW_BR2_EXG_Q100CC106_M(LOW)_ME(MHWSCC)_052_ZUK2_Max	-

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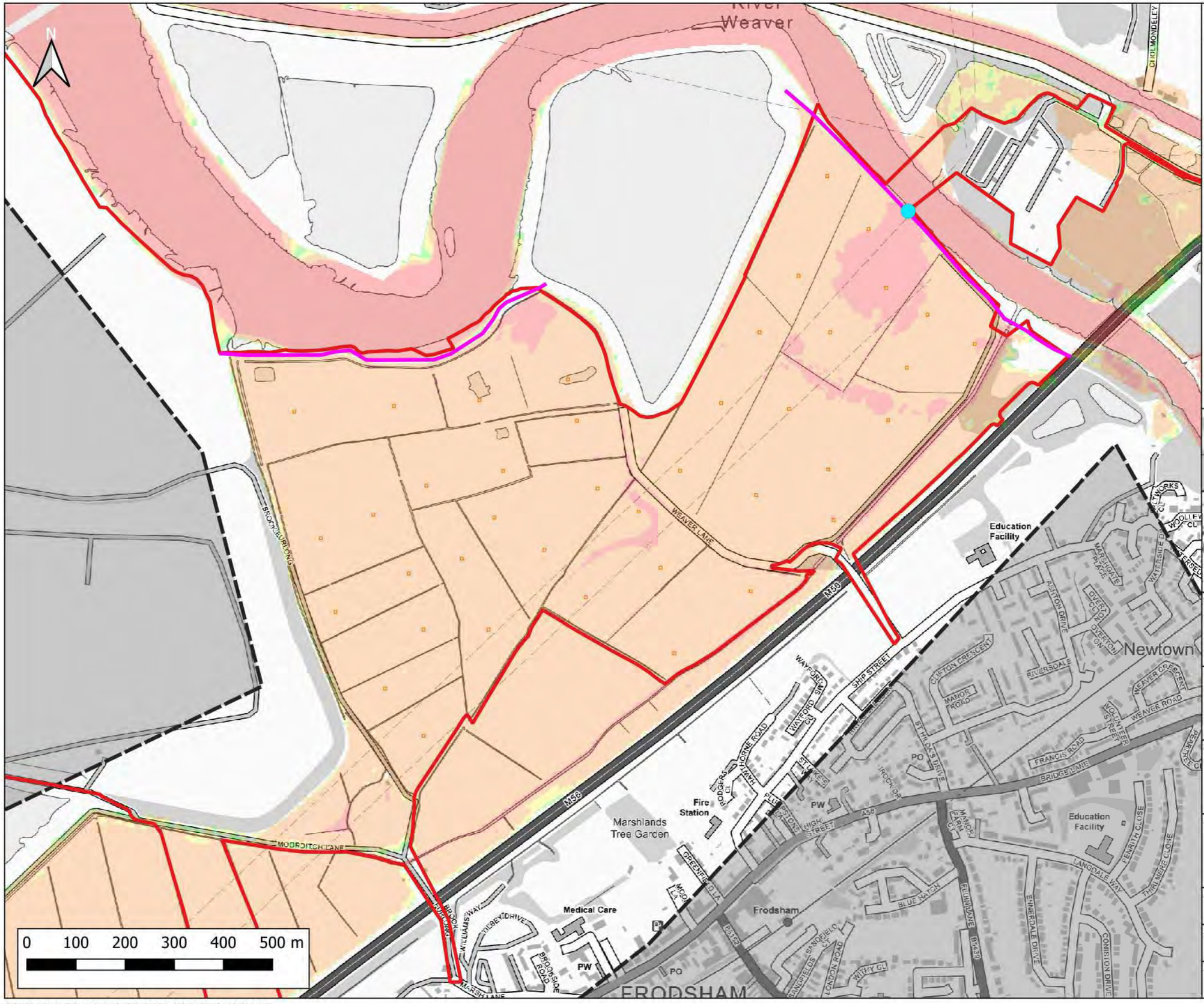


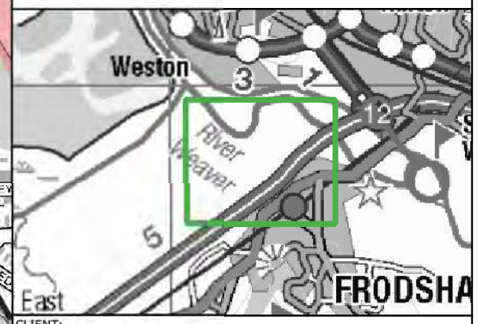
Notes:
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

LEGEND

- Site Boundary
- 2D Model Extent
- 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 +106% CC Fluvial Event
MWHS +CC Tidal Event
Breach 2 Proposed Development Scenario (DEV)

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

PLOT NAME:	REVISION:
14740_LW_BR2_DEV2_Q100CC106_M(LOW)_ME(MHWSCC)_052_ZUK2_Max	-

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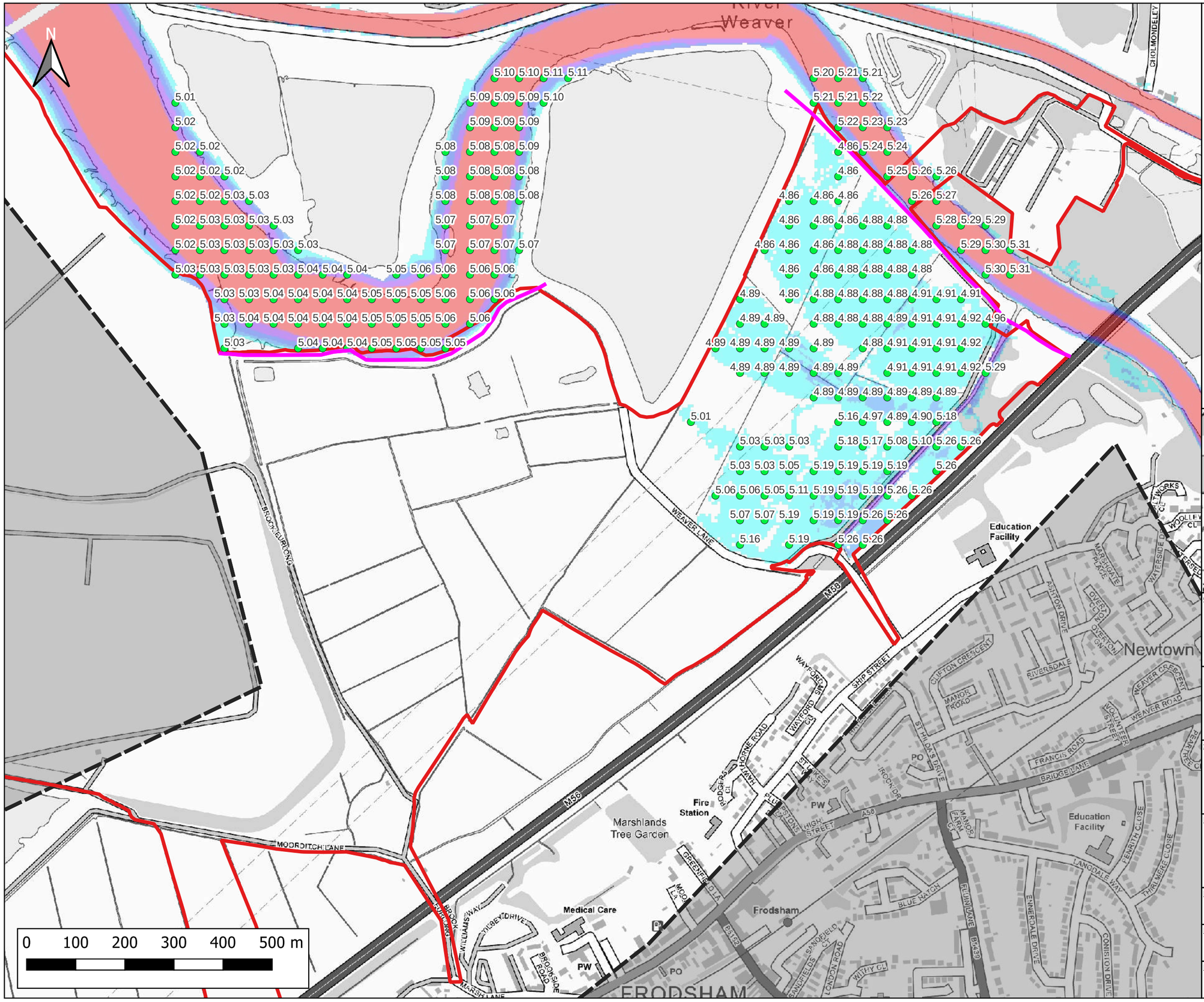


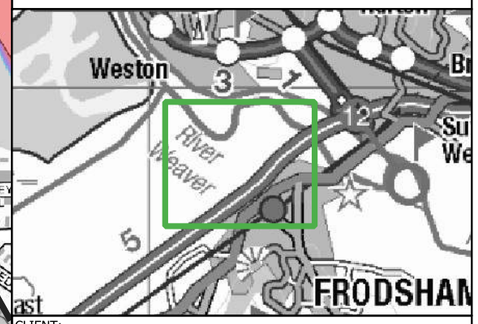
Notes:
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

LEGEND

- Site Boundary
- 2D Model Extent
- 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

waterco
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	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_h_Max	-

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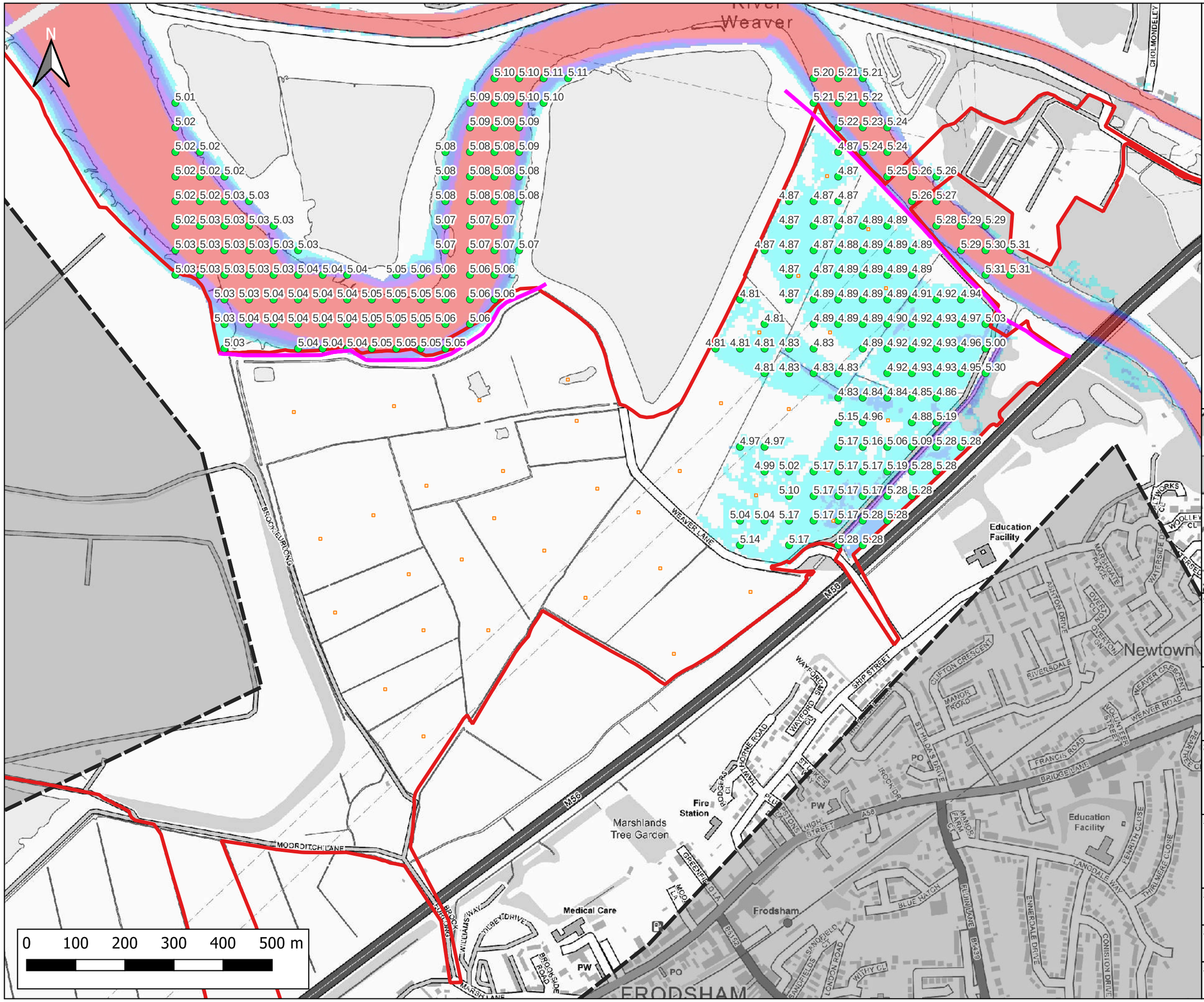


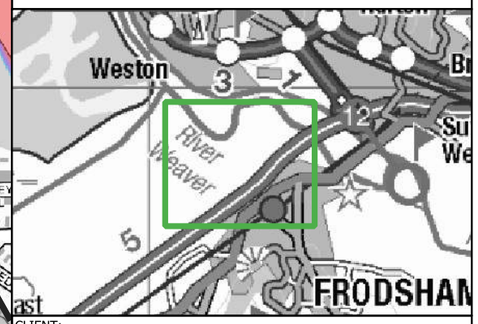
Notes:
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

LEGEND

- Site Boundary
- 2D Model Extent
- 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

waterco
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	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	-

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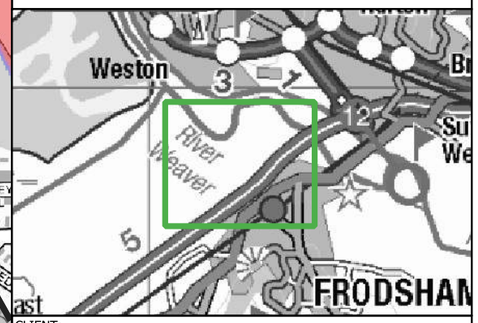
Notes:
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

LEGEND

- Site Boundary
- 2D Model Extent
- 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

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
Defended Existing Scenario (EXG)

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

PLOT NAME:	REVISION:
14740_LW_DEF_EXG_Q100CC67_M(LOW)_ME(MHWSCC)_052_h_Max	-

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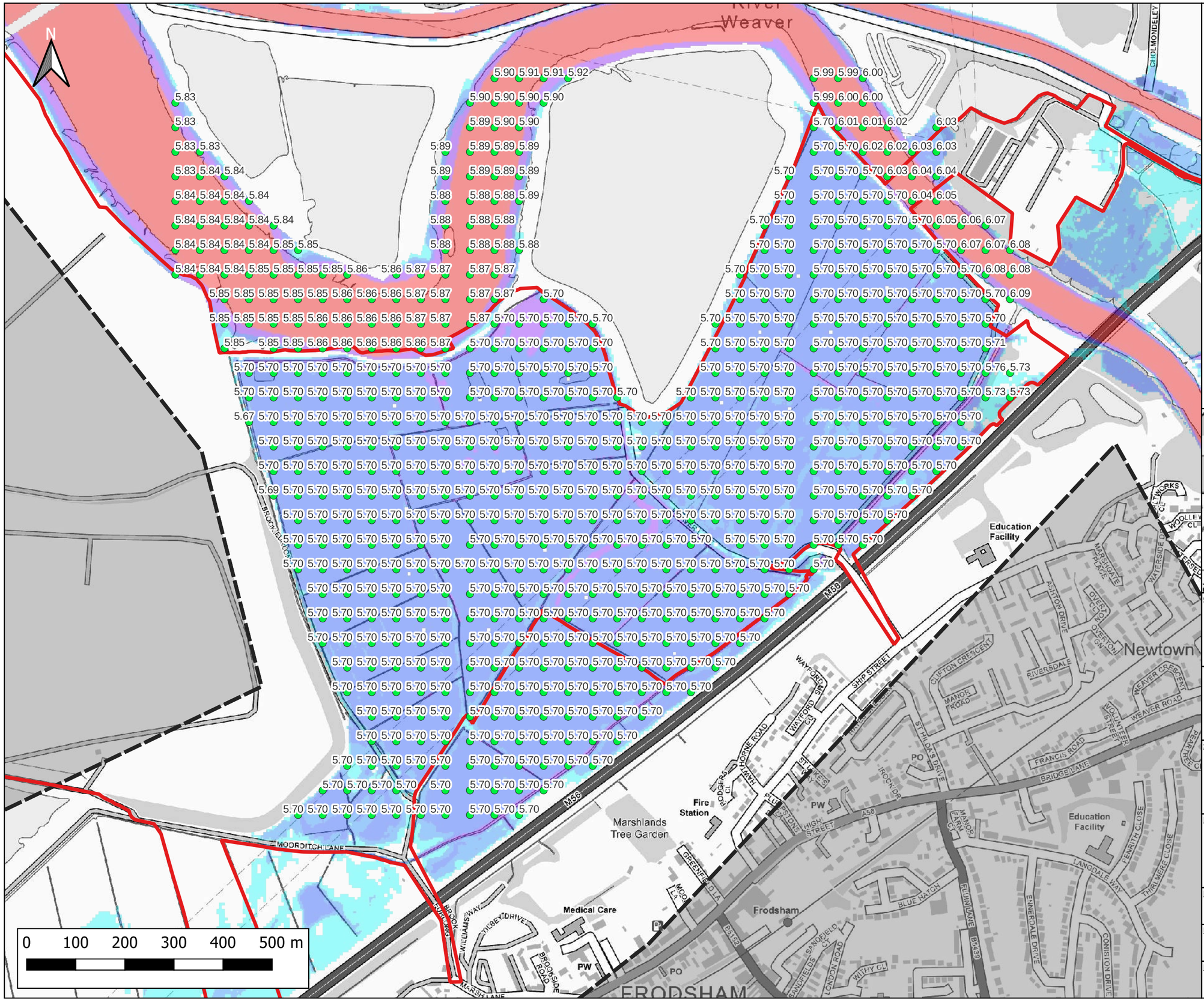


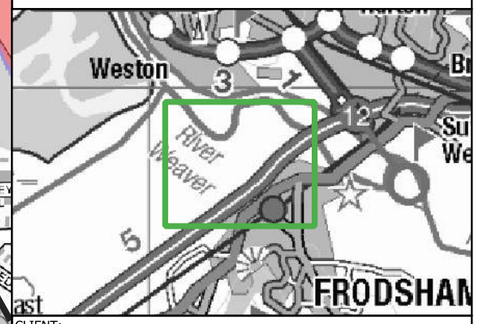
Notes:
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

LEGEND

- Site Boundary
- 2D Model Extent
- 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

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:	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(MHWSCC)_052_h_Max	-

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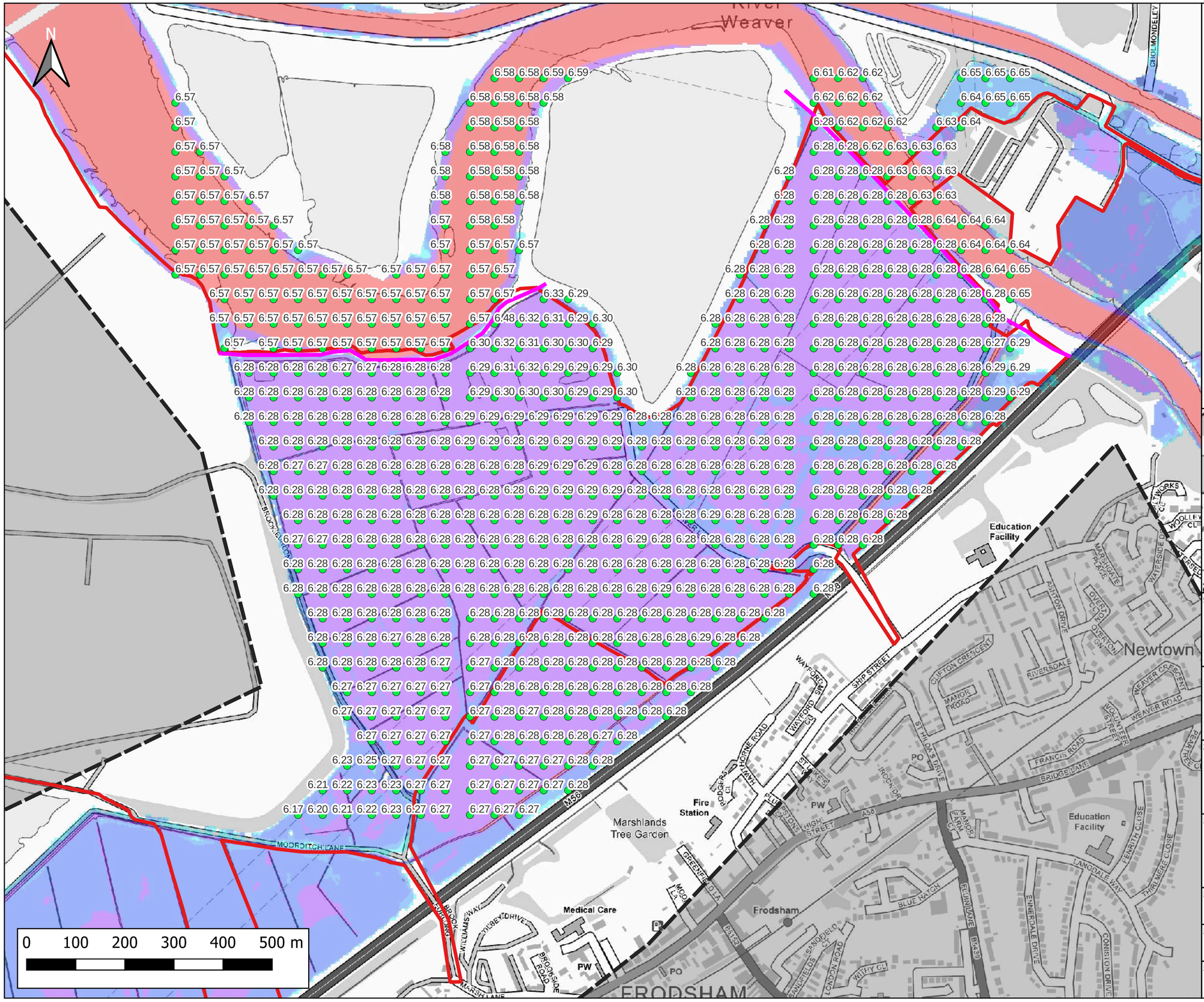


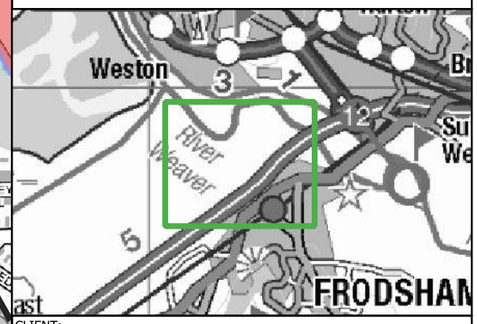
Notes:
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

LEGEND

- Site Boundary
- 2D Model Extent
- 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

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

PLOT NAME: 14740_LW_DEF_EXG_Q100CC67_M(LOW)_ME(T200HC_2075UE)_052_h_Max

REVISION: -

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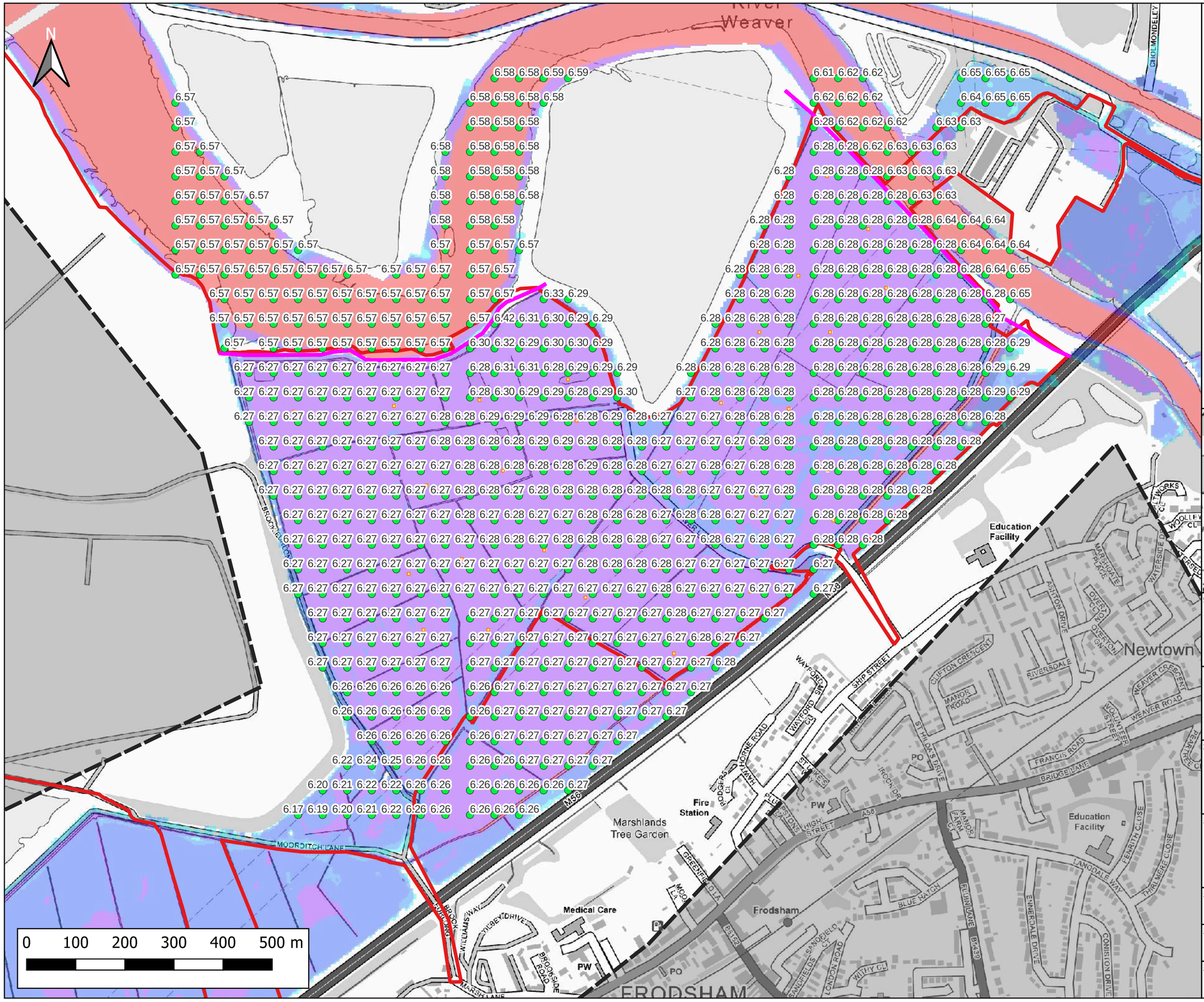

Notes:
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

LEGEND

- Site Boundary
- 2D Model Extent
- 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
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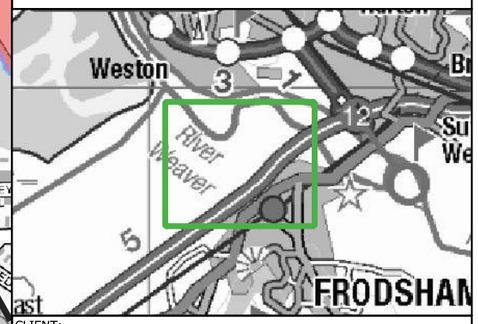
- > 2.4m



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
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	-

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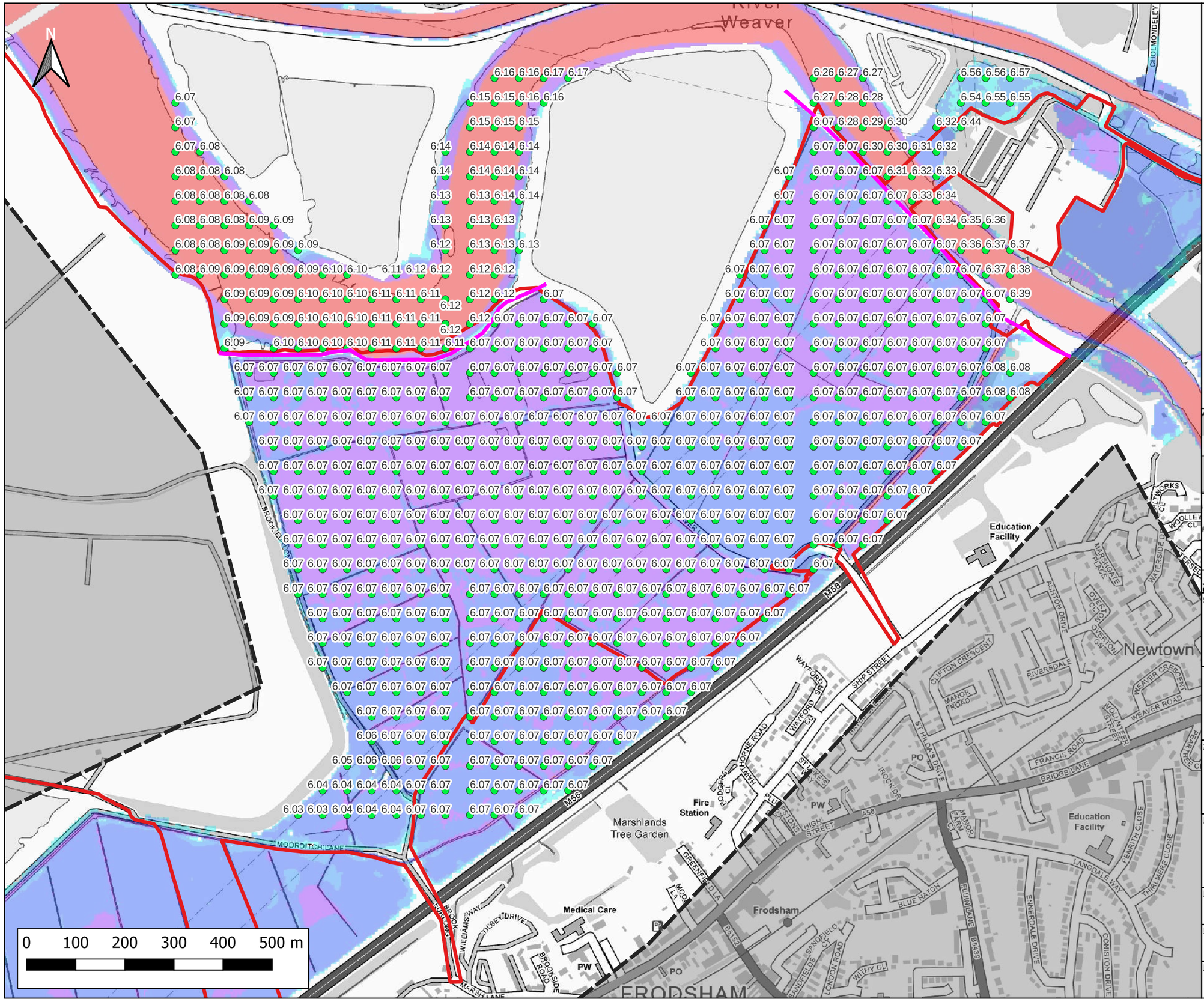


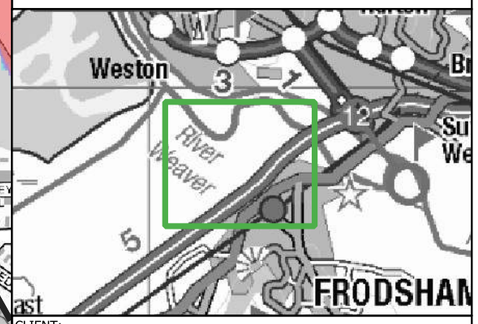
Notes:
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

LEGEND

- Site Boundary
- 2D Model Extent
- 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

waterco
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(MHWSCC)_052_h_Max	-

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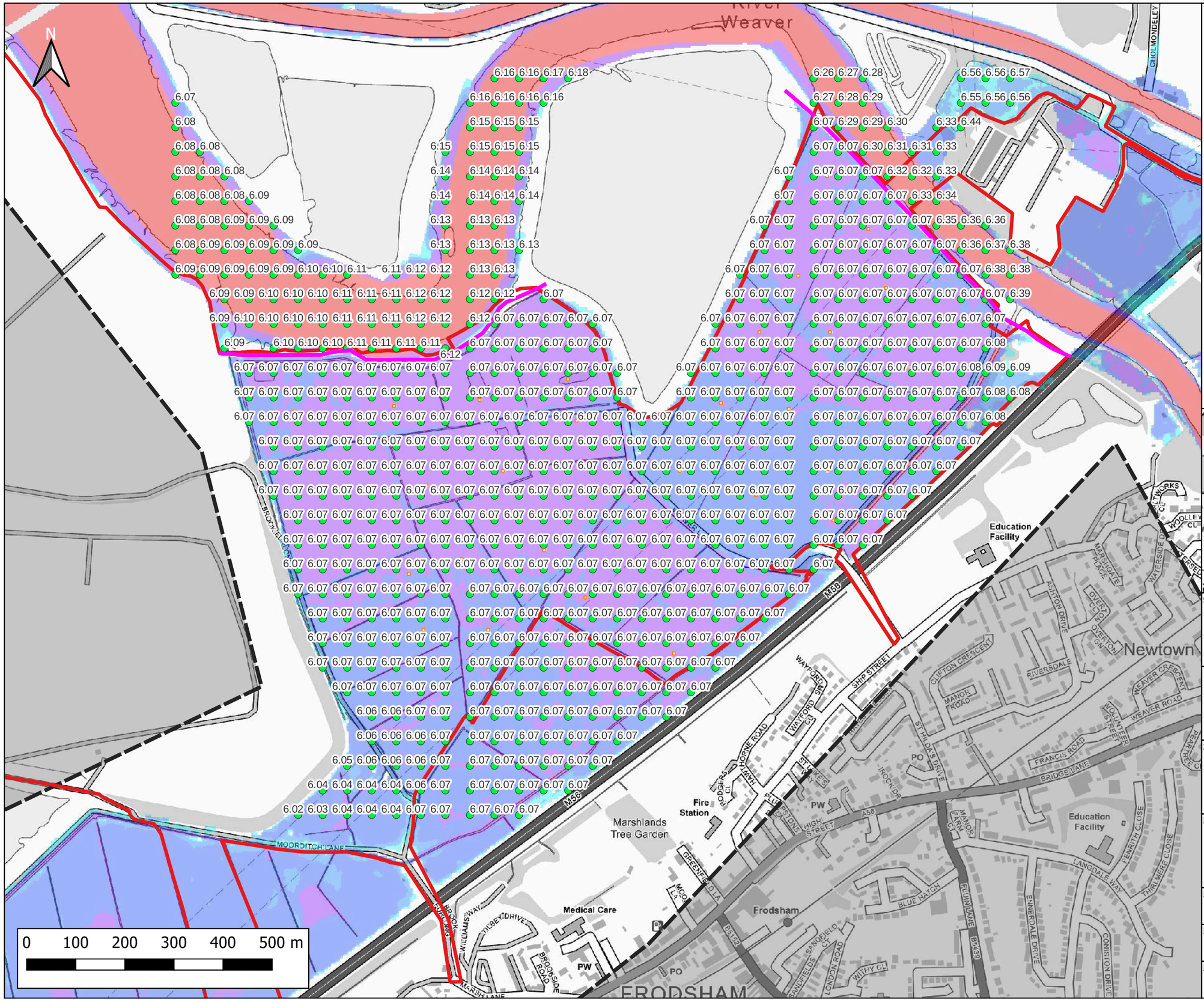


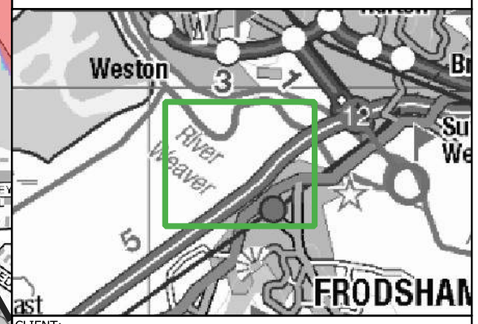
Notes:
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

LEGEND

- Site Boundary
- 2D Model Extent
- 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

waterco
www.waterco.co.uk

SCHEME:
Frodsham Solar

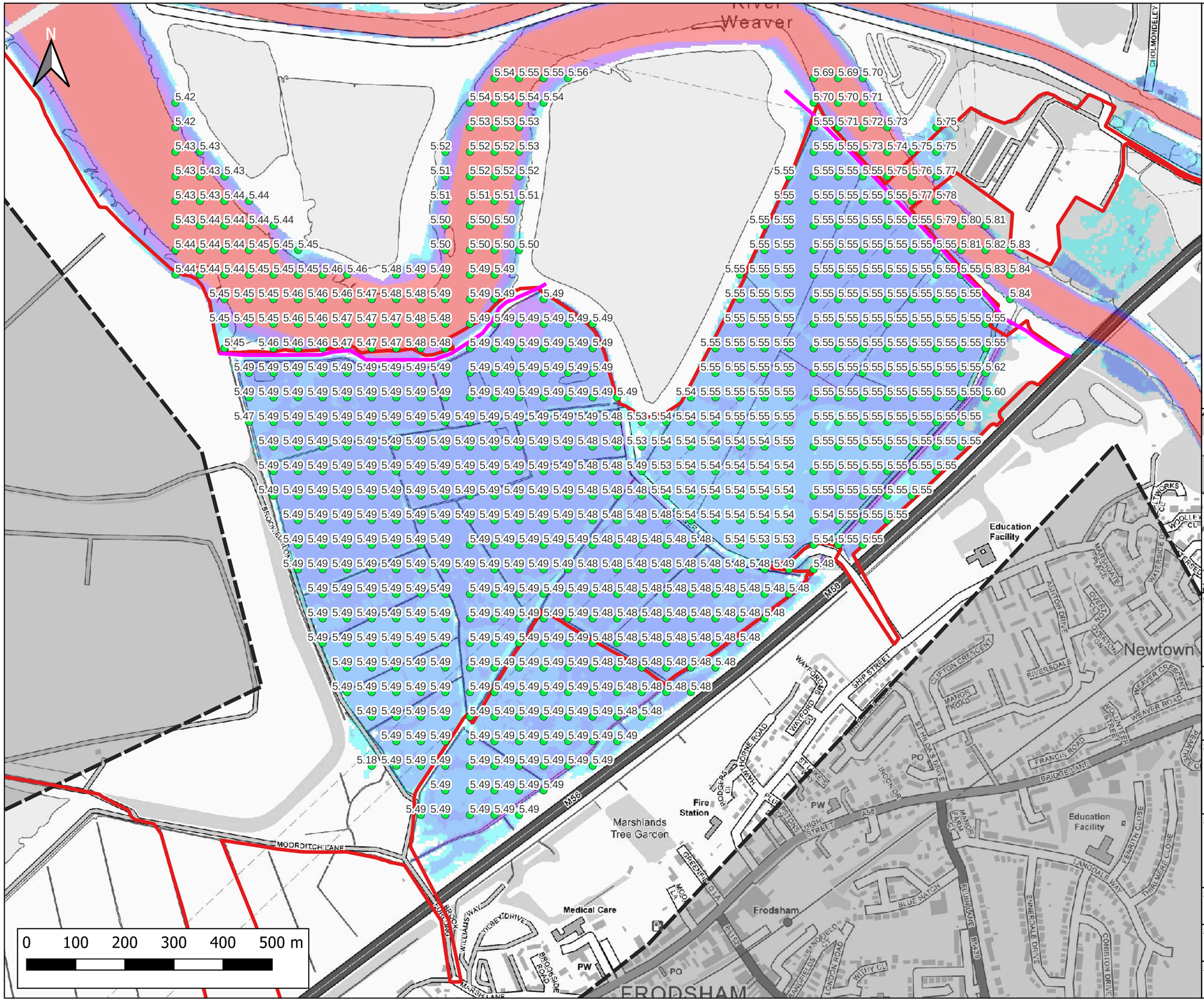
PLOT TITLE:
River Weaver Maximum Flood Water Level
1% AEP +106% CC Fluvial Event
MWHS +CC Tidal Event
Proposed Development Scenario (DEV)

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	-

CONTAINS OS DATA © CROWN COPYRIGHT (2025)



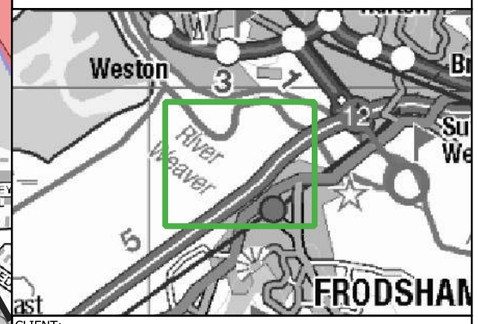
Notes:
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

LEGEND

- Site Boundary
- 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

waterco
www.waterco.co.uk

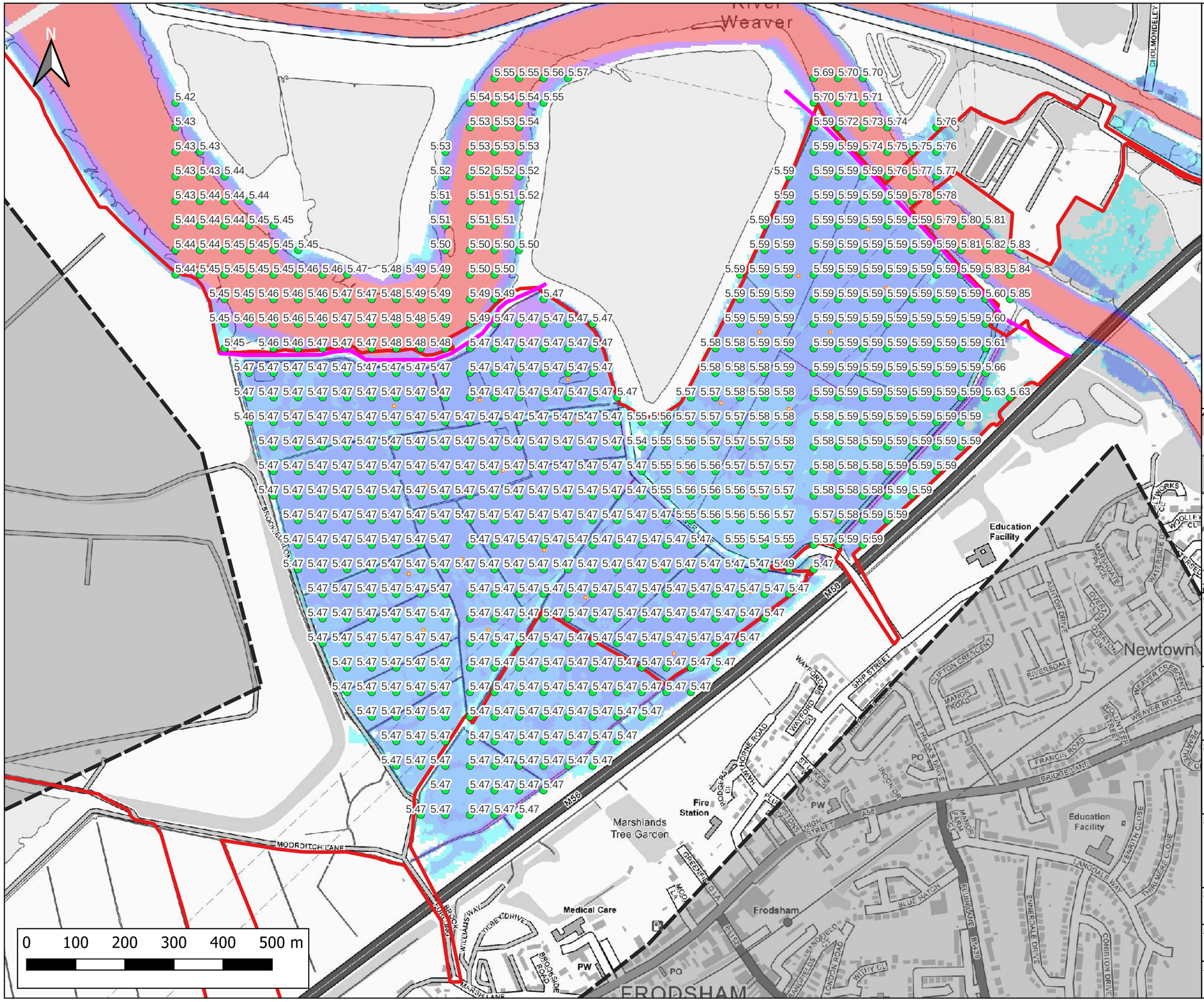
SCHEME:
Frodsham Solar

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

PLOT NAME:	REVISION:
14740_LW_DEF_EXG_Q1000_M(LOW)_ME(MHWS)_052_h_Max	-

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
- 2D Model Extent
- River Weaver Flood Defences
- Proposed Volume Displacement
- Maximum Water Level (m AOD)

Maximum Flood Depth

- <- 0.3m
- 0.3m - 0.6m
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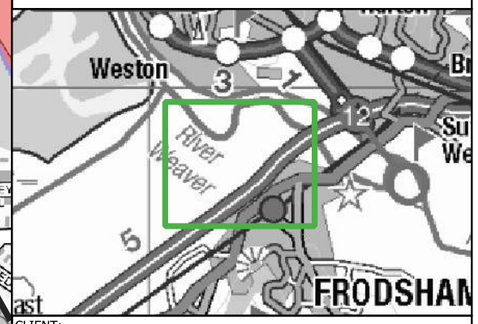


CLIENT:
Frodsham Solar Ltd

waterco
www.waterco.co.uk

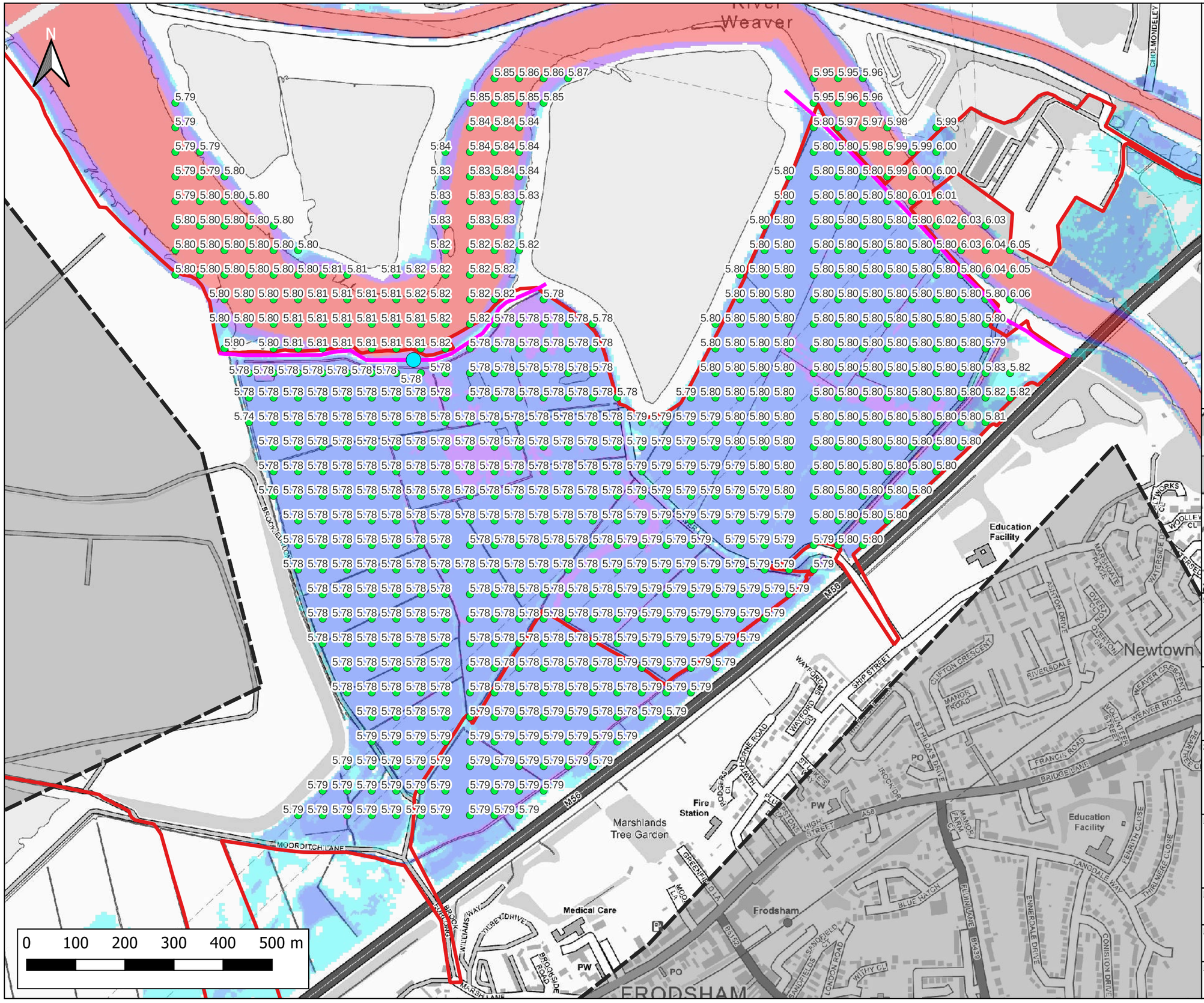
SCHEME:
Frodsham Solar

PLOT TITLE:
River Weaver Maximum Flood Water Level
0.1% AEP Fluvial Event
MWHS Tidal Event
Proposed Development Scenario (DEV)

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

PLOT NAME:	REVISION:
14740_LW_DEF_DEV2_Q1000_M(LOW)_ME(MHWS)_052_h_Max	-

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
- 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
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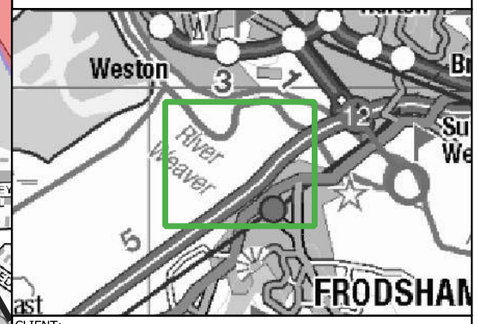


CLIENT:
Frodsham Solar Ltd

waterco
www.waterco.co.uk

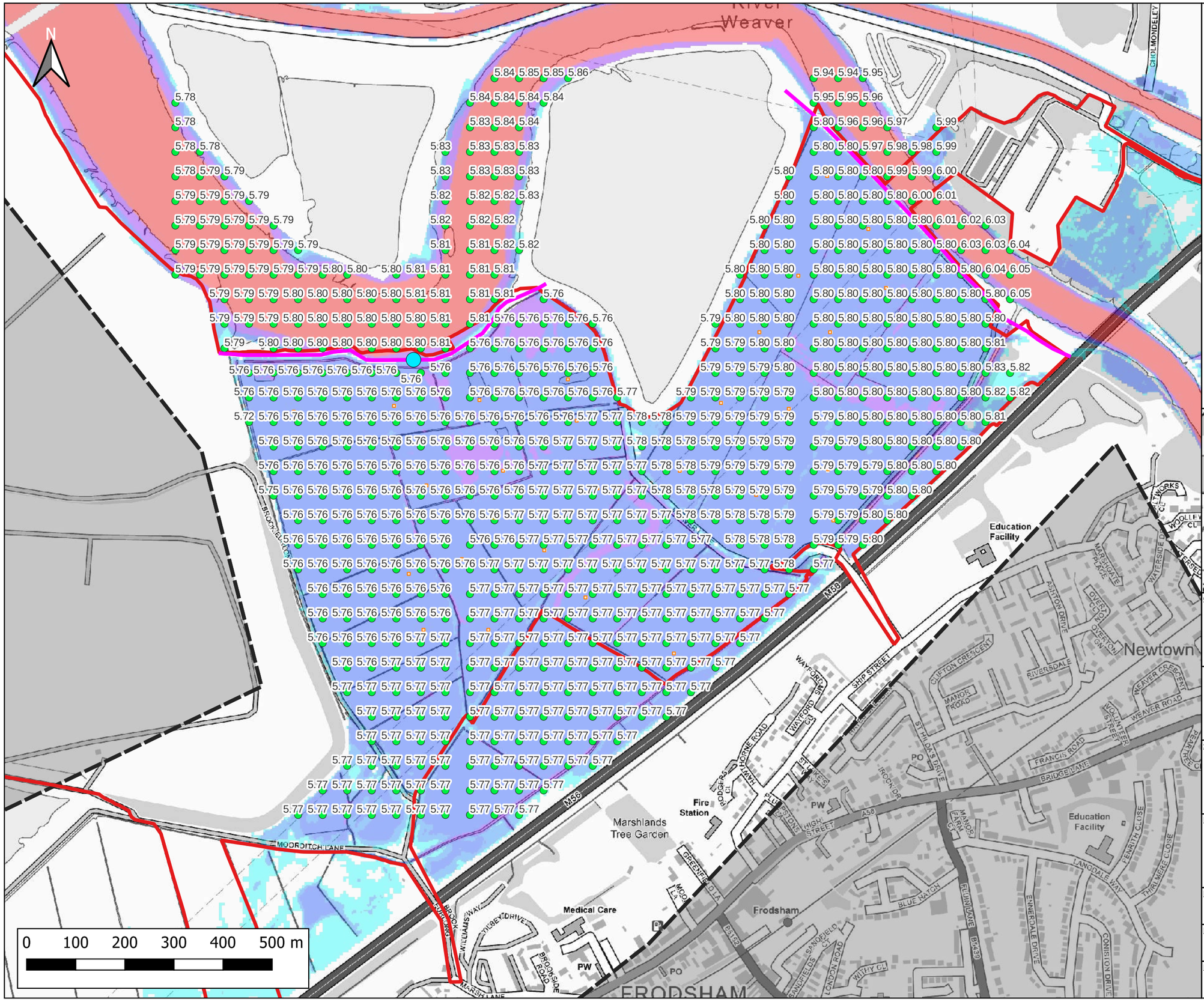
SCHEME:
Frodsham Solar

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

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

PLOT NAME:	REVISION:
14740_LW_BR1_EXG_Q100CC67_M(LOW)_ME(MHWSCC)_052_h_Max	-

CONTAINS OS DATA © CROWN COPYRIGHT (2025)



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LEGEND

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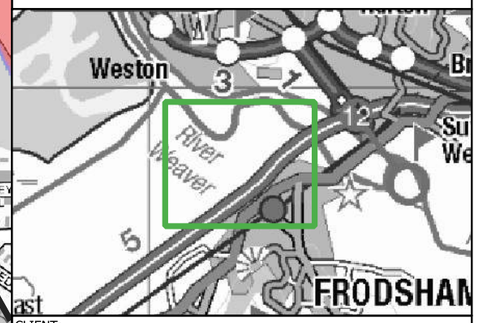

CLIENT:
Frodsham Solar Ltd

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
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(LOW)_ME(MHWSCC)_052_h_Max	-

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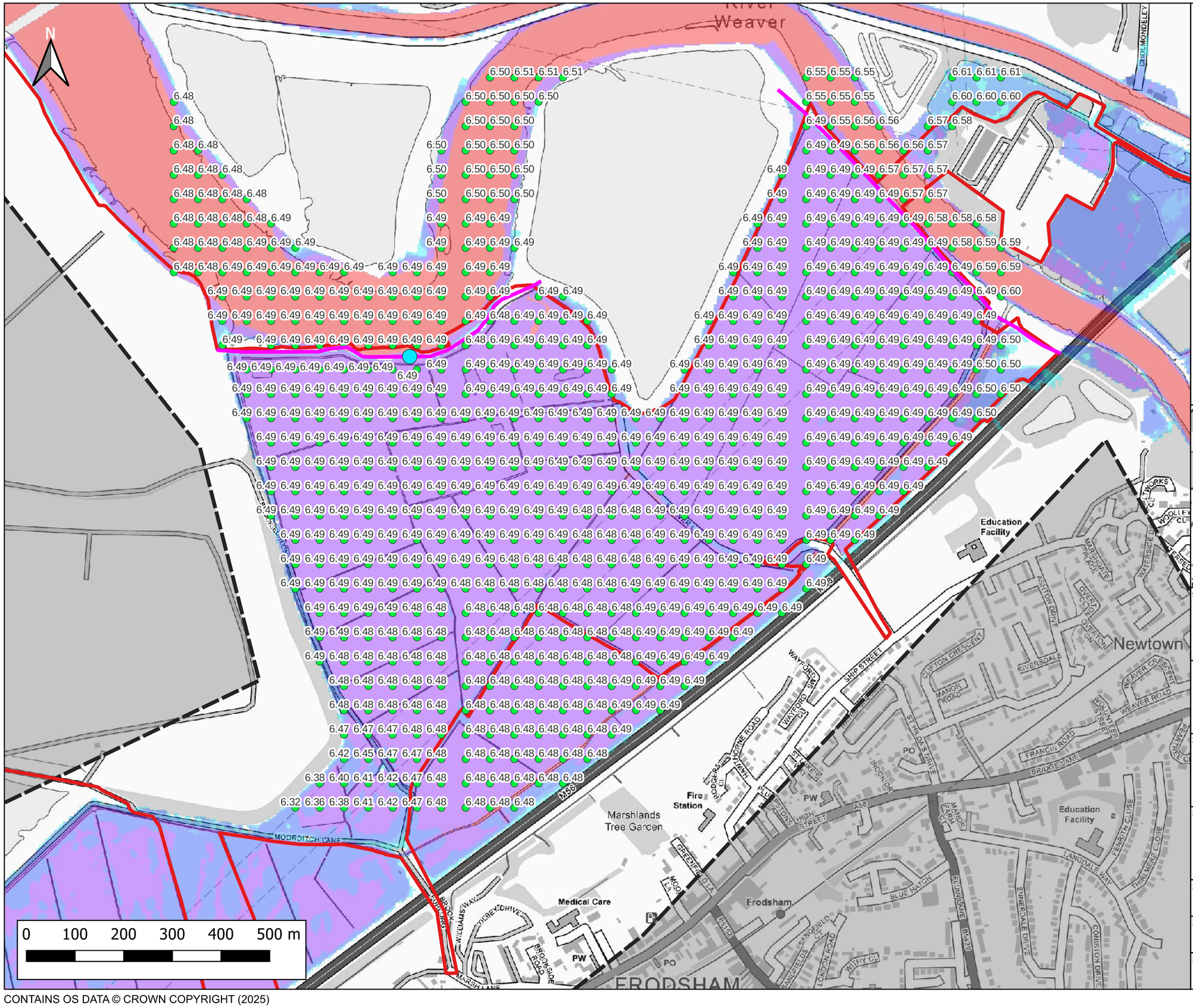

Notes:
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- Site Boundary
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- Breach 1 Location (BR1)
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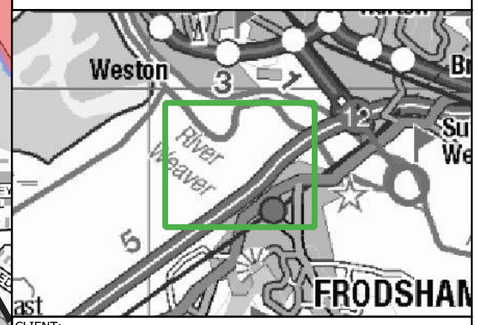

CLIENT:
Frodsham Solar Ltd

waterco
www.waterco.co.uk

SCHEME:
Frodsham Solar

PLOT TITLE:
River Weaver Maximum Flood Water Level
1% AEP +67% CC Fluvial Event
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	-

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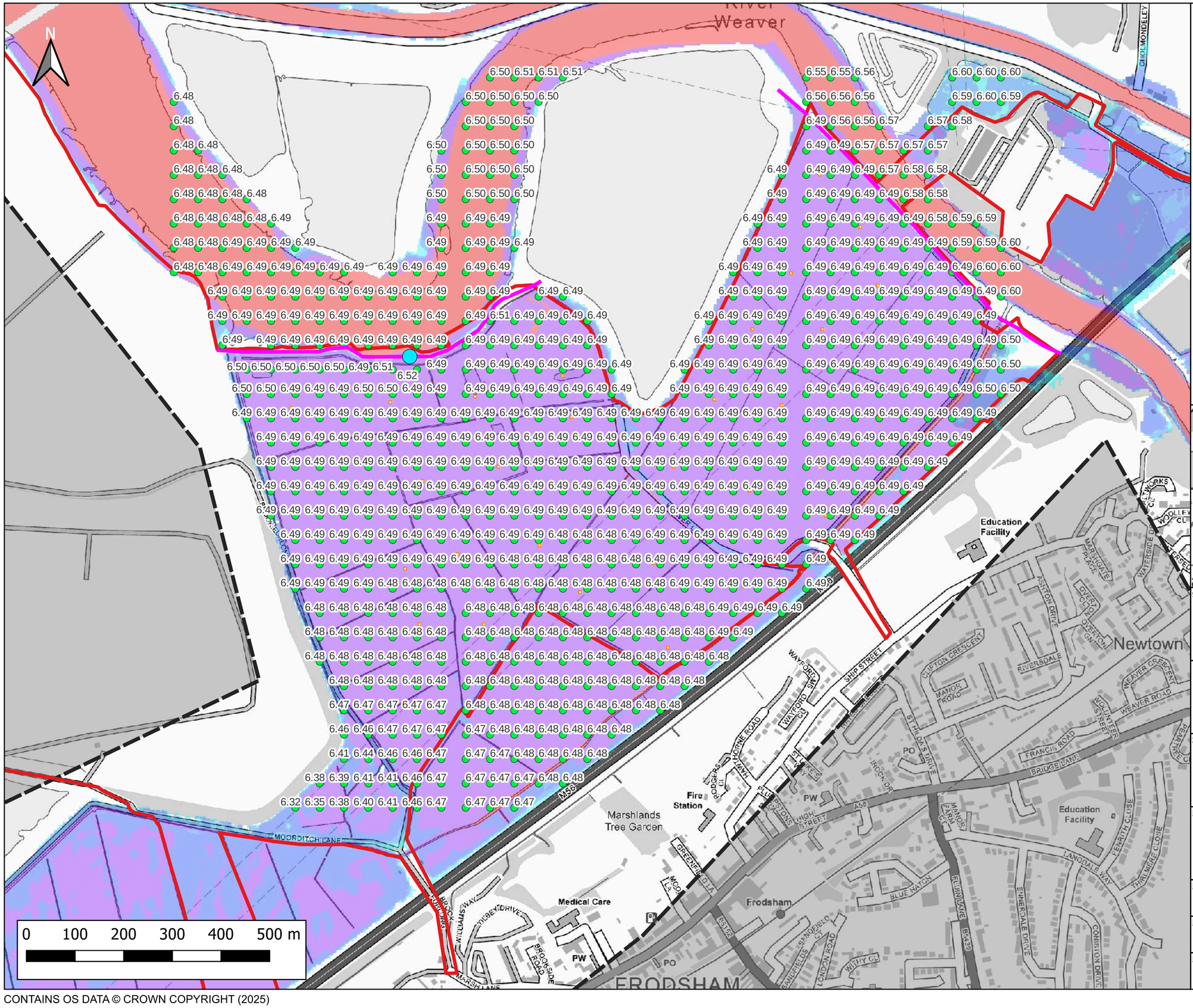

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- River Weaver Flood Defences
- Proposed Volume Displacement
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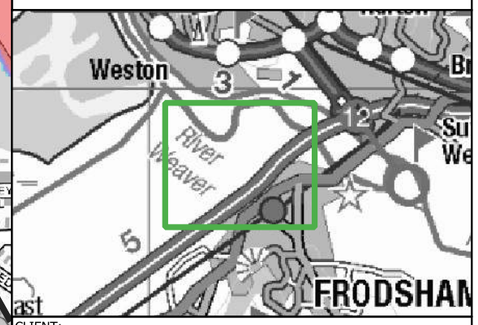

CLIENT:
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waterco
www.waterco.co.uk

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	30-04-2025

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

PLOT NAME:	REVISION:
14740_LW_BR1_DEV2_Q100CC67_M(LOW)_ME(T200HC_2075UE)_052_h_Max	-

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