



# **Frodsham Solar**

## **Environmental Statement: Volume 2**

### **Appendix 9-3: Hydraulic Modelling Report**

#### **Part 2 of 4**

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**May 2025**



PINS Ref: EN010153

Document Ref: EN010153/DR/6.2

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

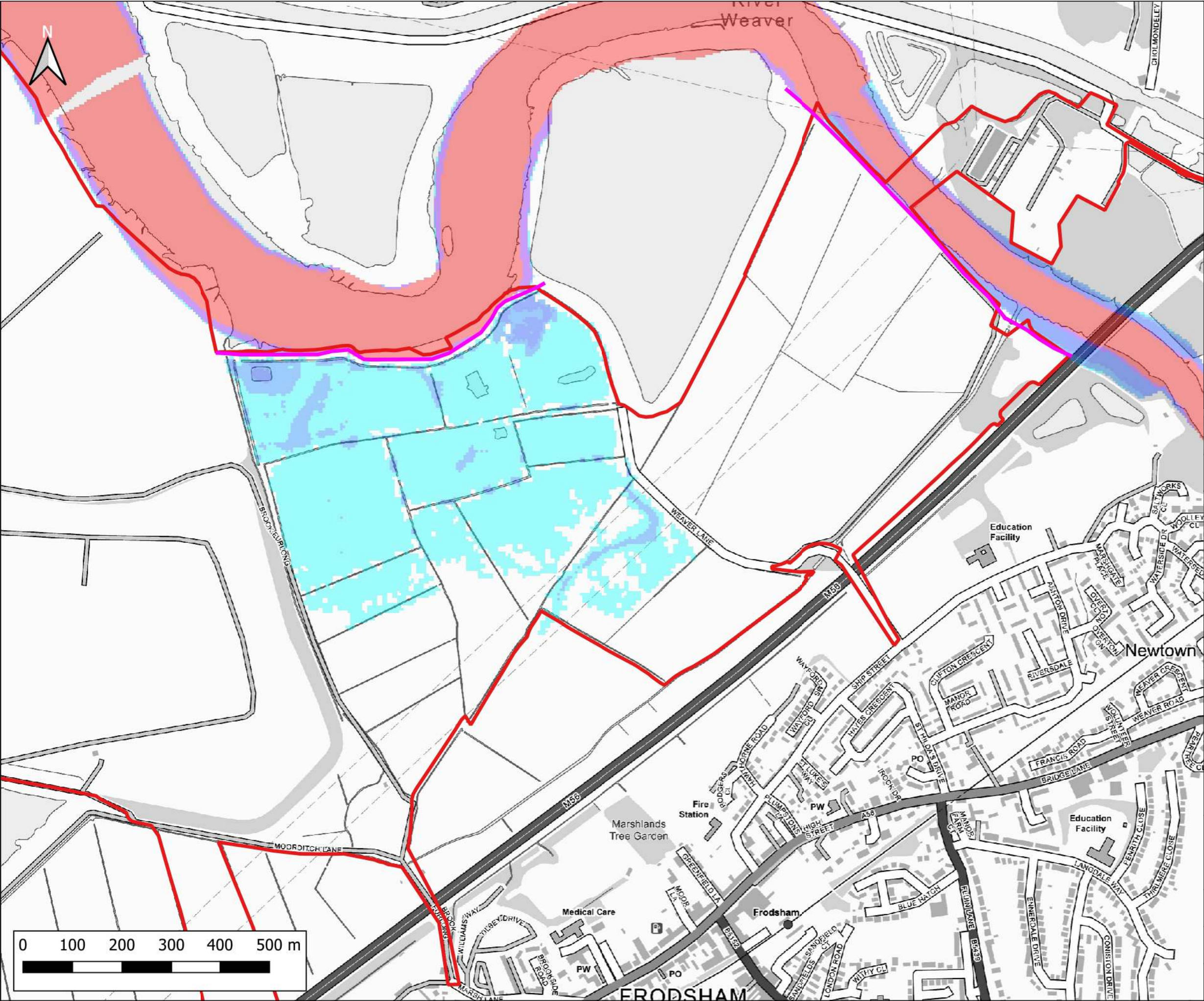
**Revision P01**

**Appendix G    Flood Mapping**



**Mersey Estuary Flood Mapping**





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

**LEGEND**

Site Boundary

River Weaver Flood Defences

Maximum Flood Depth

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

CLIENT:

Frodsham Solar Ltd

www.waterco.co.uk

SCHEME:

Frodsham Solar

PLOT TITLE:

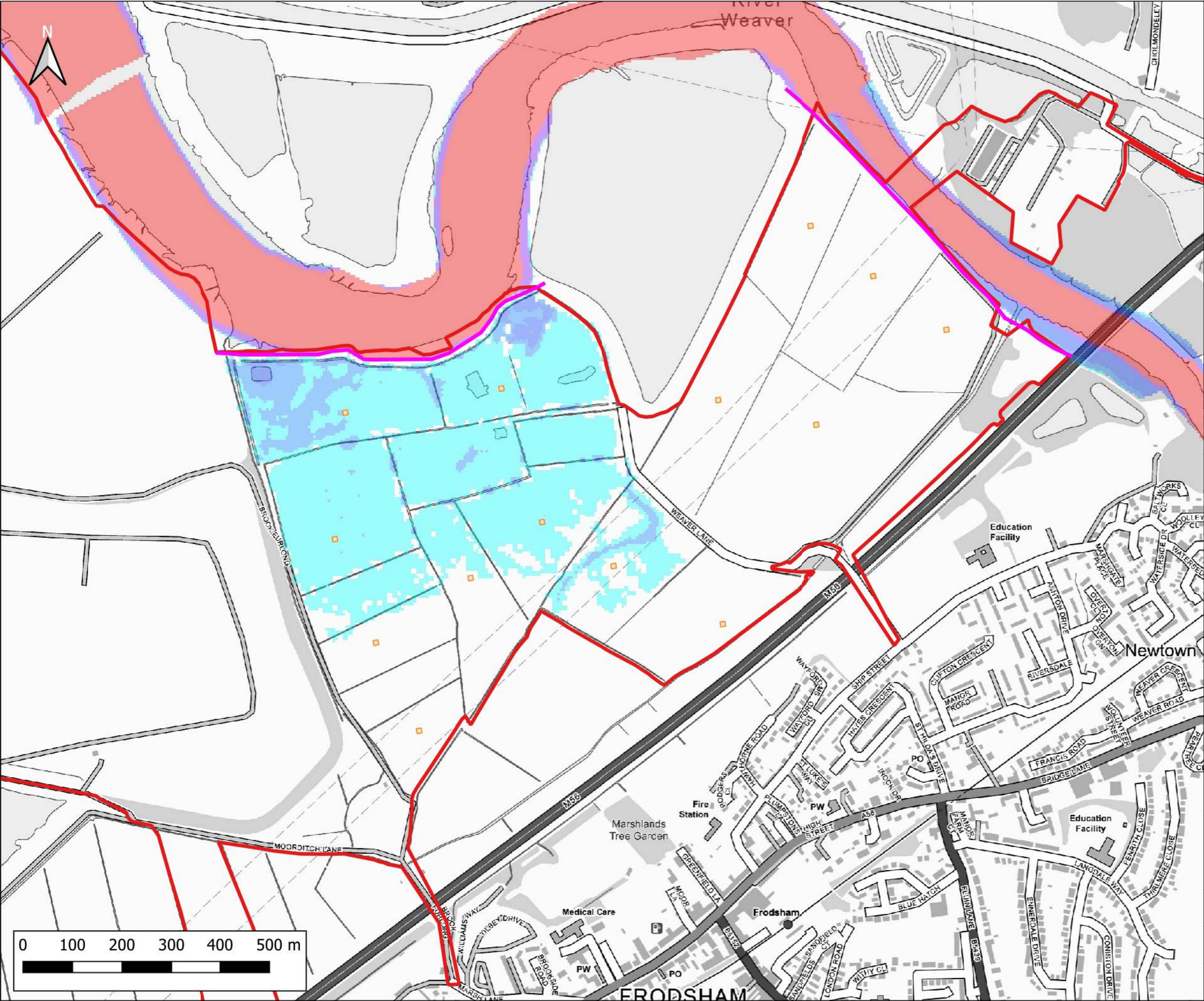
River Mersey Maximum Flood Depth  
0.5% AEP Tidal Event  
2024 Higher Central  
Defended Existing Scenario (EXG)

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

PLOT NAME:		REVISION:
14740_MERS_T200HC_2024HC_EXG_DEF_020_d_Max		-

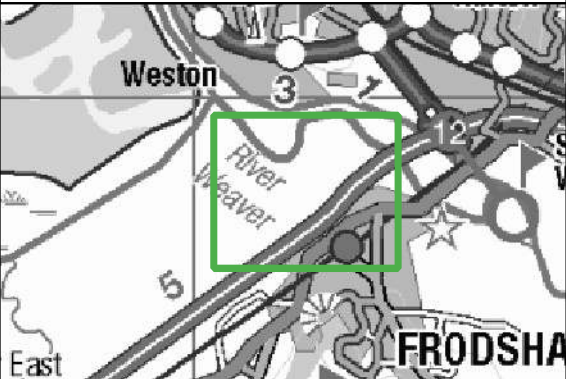




Notes:  
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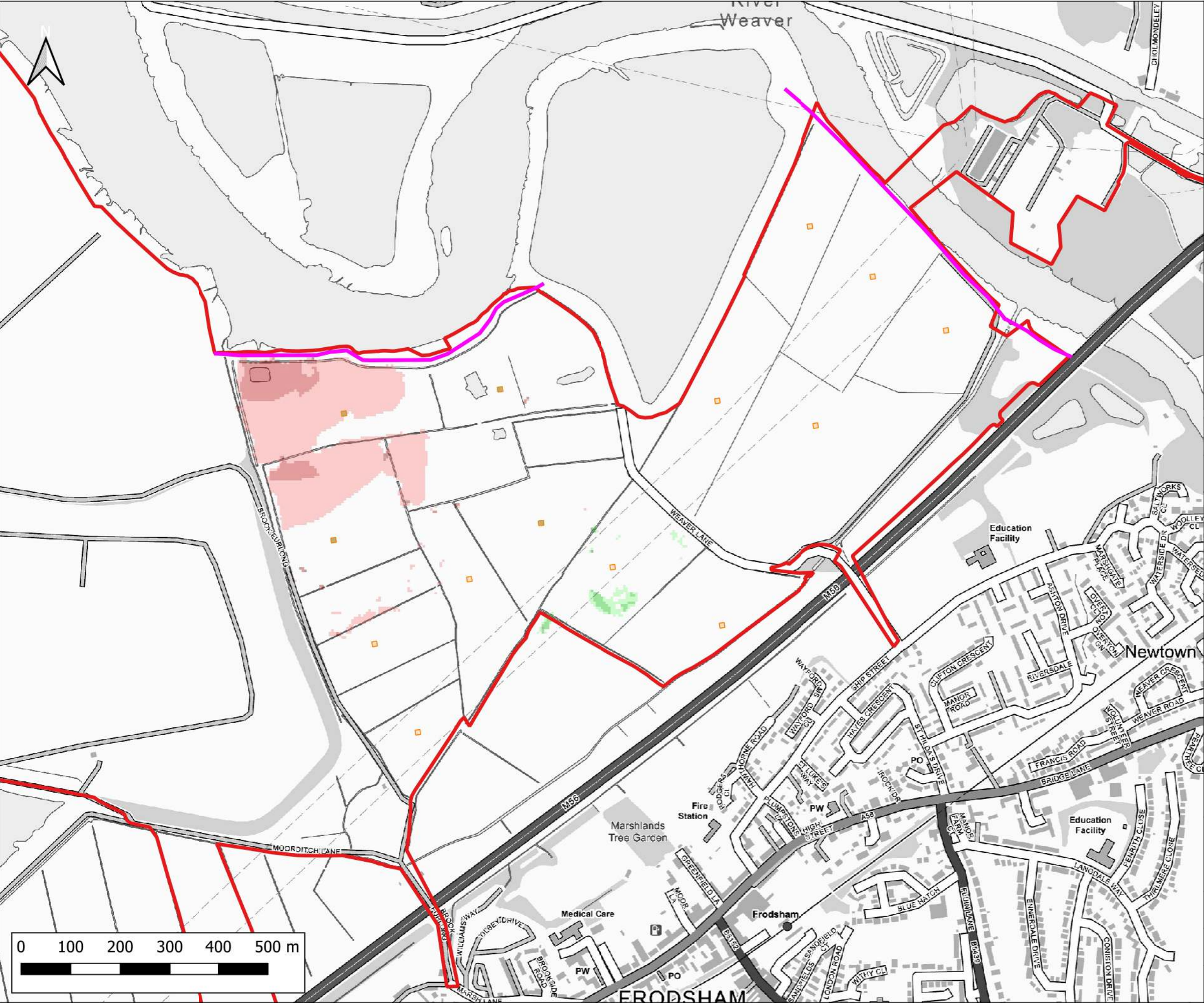
**LEGEND**

- Site Boundary
  - 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			
SCHEME:			
Frodsham Solar			
PLOT TITLE:			
River Mersey Maximum Flood Depth 0.5% AEP Tidal Event 2024 Higher Central 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_MERS_T200HC_2024HC_DEV2_DEF_020_d_Max			-





Notes:  
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**LEGEND**

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

Maximum Flood Depth Difference

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

Weston  
3  
12  
East  
FRODSHAM

CLIENT:  
Frodsham Solar Ltd

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

SCHEME:  
Frodsham Solar

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

PLOT STATUS:  
FINAL

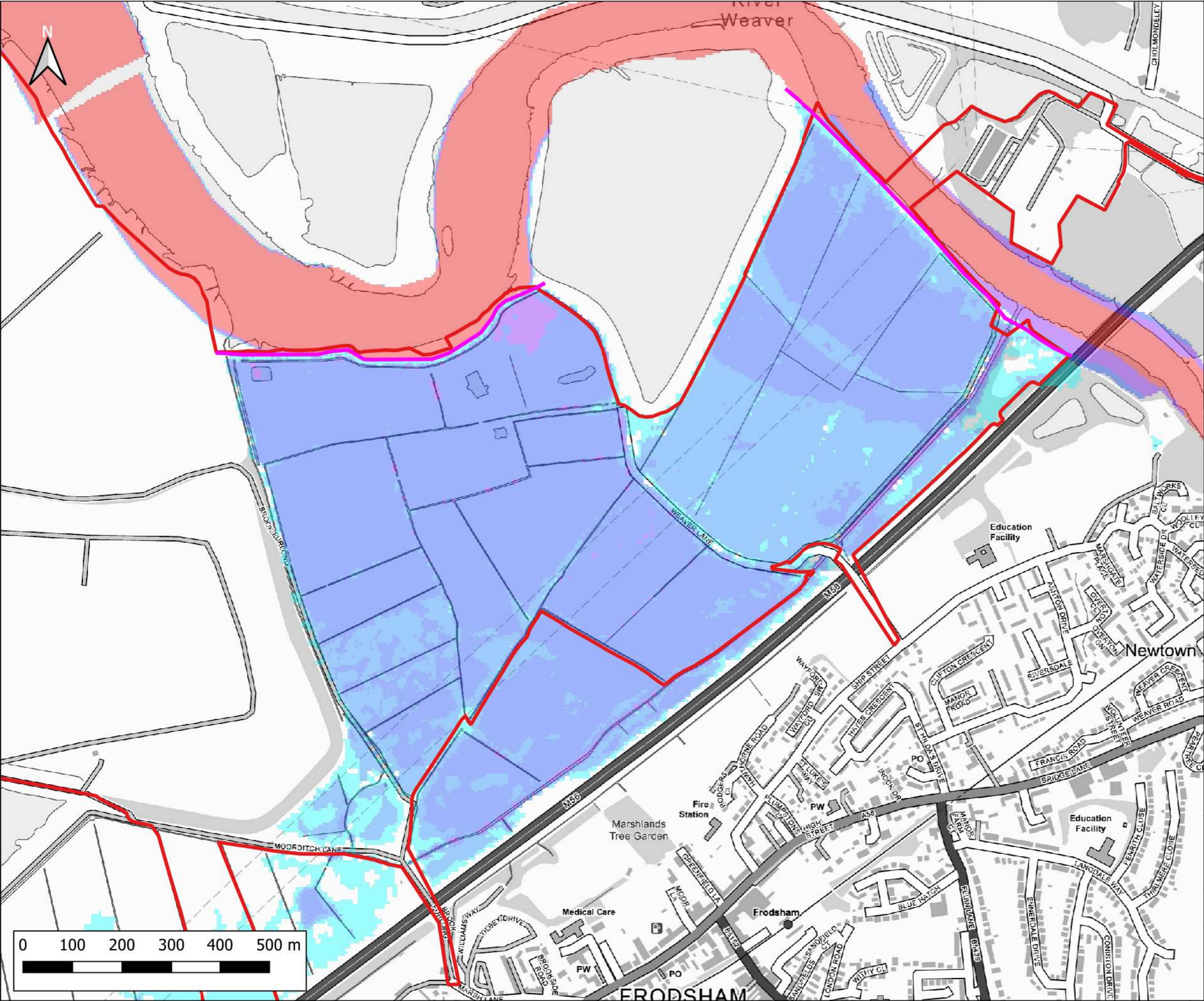
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30-04-2025

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APPROVED: LS  
PLOT SCALE AT A3:  
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PLOT NAME:  
14740\_MERS\_T200HC\_2024HC\_DEV2-EXG\_DEF\_020\_d-Diff

REVISION:  
-





Notes:  
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**LEGEND**

Site Boundary

River Weaver Flood Defences

Maximum Flood Depth

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

CLIENT:

Frodsham Solar Ltd

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SCHEME:

Frodsham Solar

PLOT TITLE:

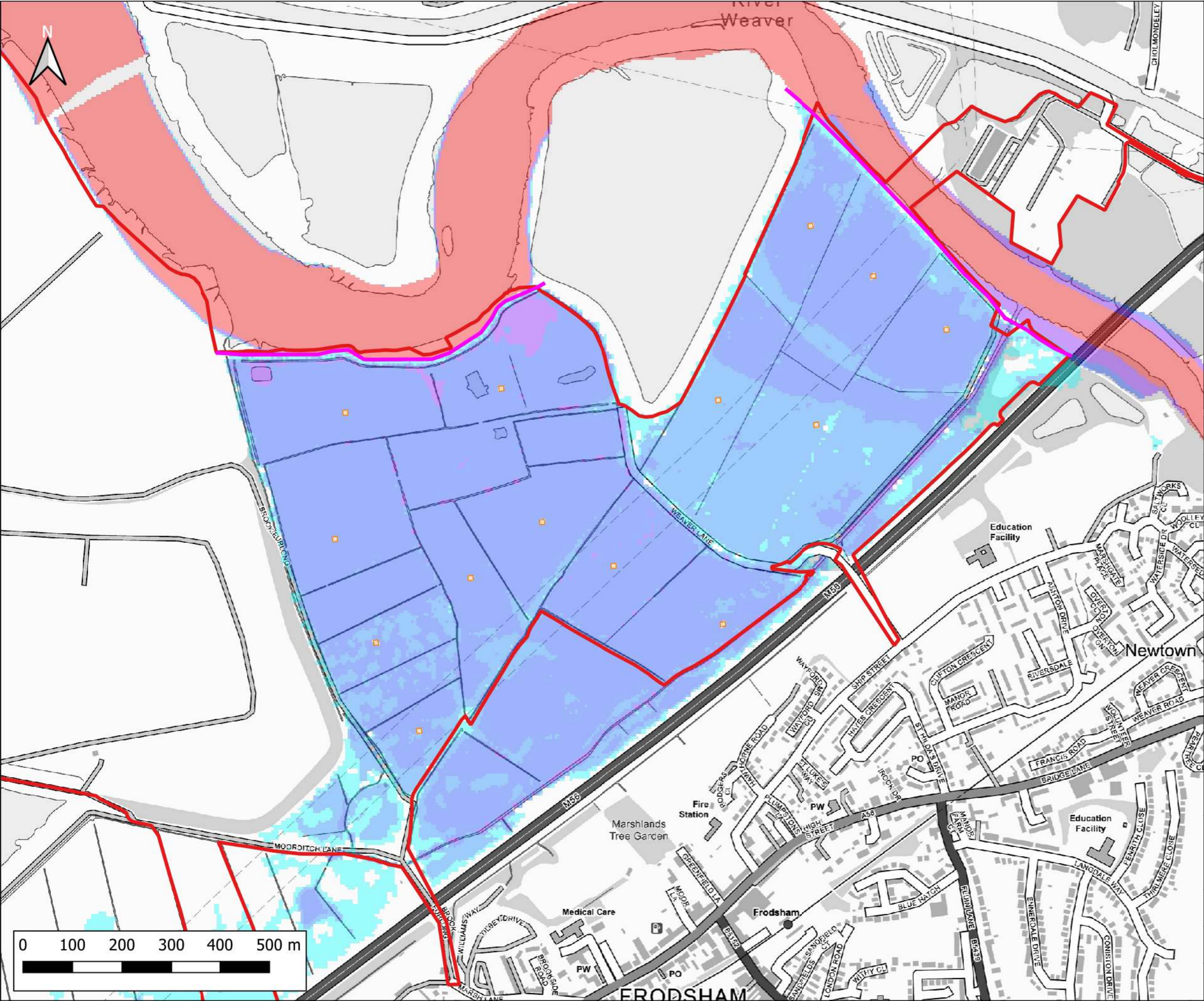
River Mersey Maximum Flood Depth  
0.5% AEP Tidal Event  
2075 Higher Central  
Defended Existing Scenario (EXG)

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

PLOT NAME:		REVISION:
14740_MERS_T200HC_2075HC_EXG_DEF_020_d_Max		-





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- River Weaver Flood Defences
- Proposed Volume Displacement

Maximum Flood Depth

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- 0.6m - 1.2m
- 1.2m - 2.4m
- > 2.4m

CLIENT:

Frodsham Solar Ltd

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SCHEME:

Frodsham Solar

PLOT TITLE:

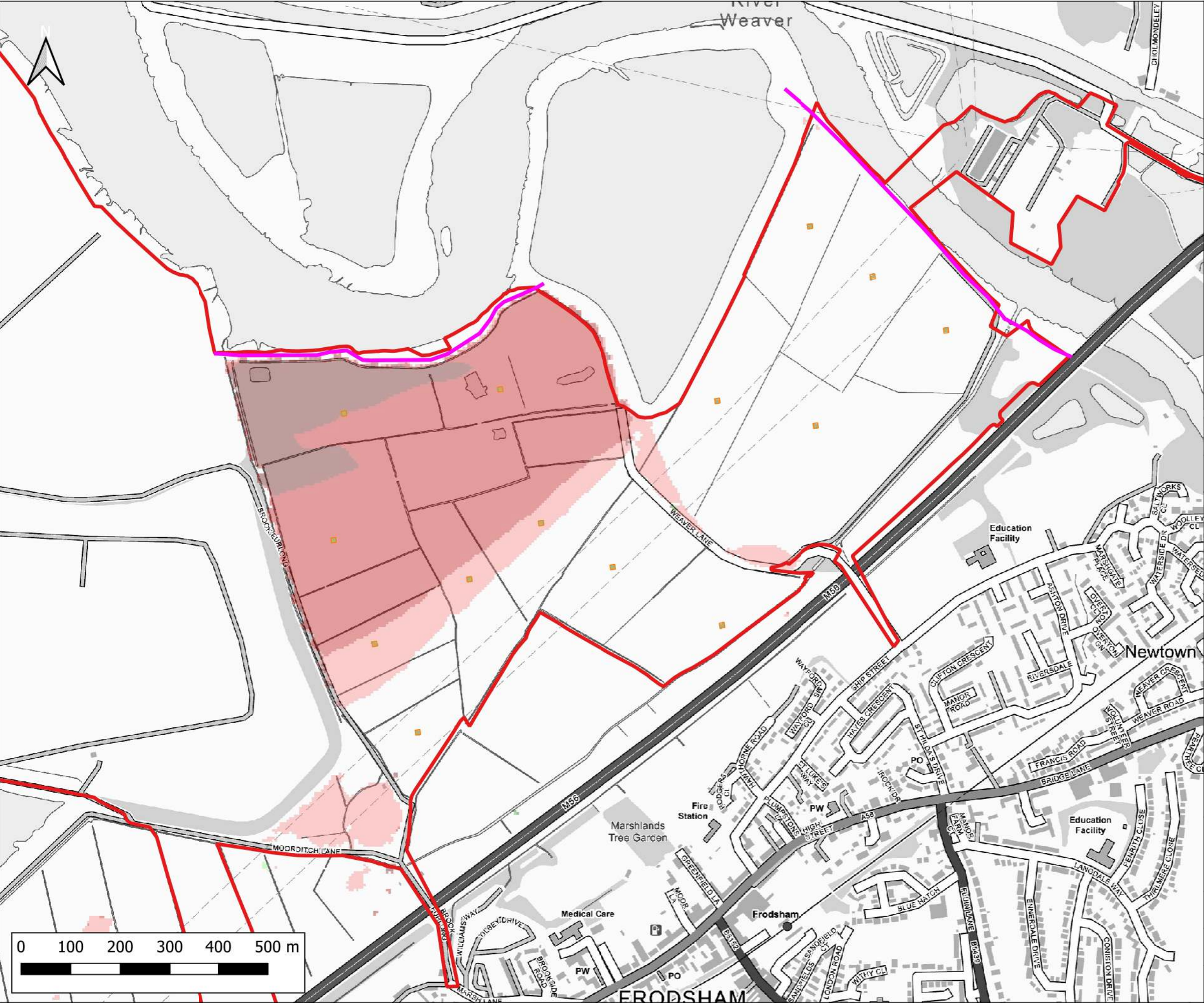
River Mersey Maximum Flood Depth  
0.5% AEP Tidal Event  
2075 Higher Central  
Defended Proposed Development Scenario (DEV)

PLOT STATUS:		DATE:	
FINAL		30-04-2025	

DRAWN:	CHECKED:	APPROVED:	PLOT SCALE AT A3:
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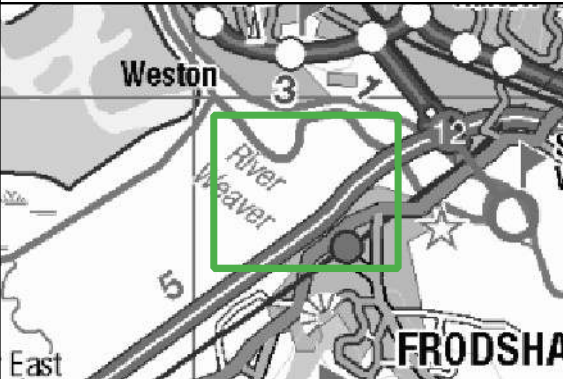




Notes:  
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**LEGEND**

- Site Boundary
- River Weaver Flood Defences
- Proposed Volume Displacement
- Maximum Flood Depth Difference
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  - No Change (+/- 20mm)
  - +20mm to +50mm
  - +50mm to +100mm
  - > +100mm



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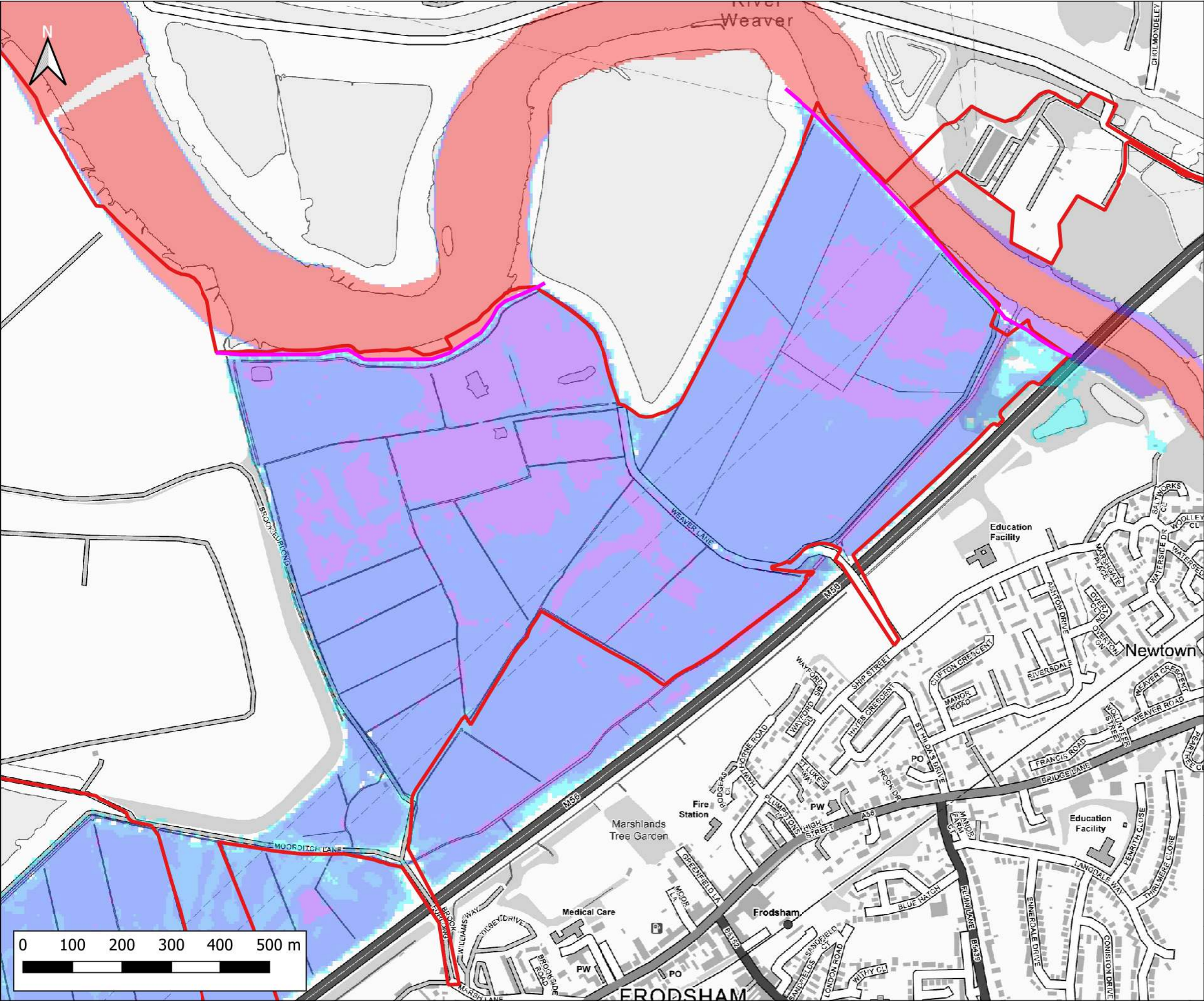
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River Mersey Maximum Flood Depth Difference  
0.5% AEP Tidal Event  
2075 Higher Central  
Defended DEV - EXG

PLOT STATUS: FINAL DATE: 30-04-2025

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

PLOT NAME: 14740\_MERS\_T200HC\_2075HC\_DEV2-EXG\_DEF\_020\_d-Diff REVISION: -





Notes:  
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**LEGEND**

Site Boundary

River Weaver Flood Defences

Maximum Flood Depth

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

CLIENT:

Frodsham Solar Ltd

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SCHEME:

Frodsham Solar

PLOT TITLE:

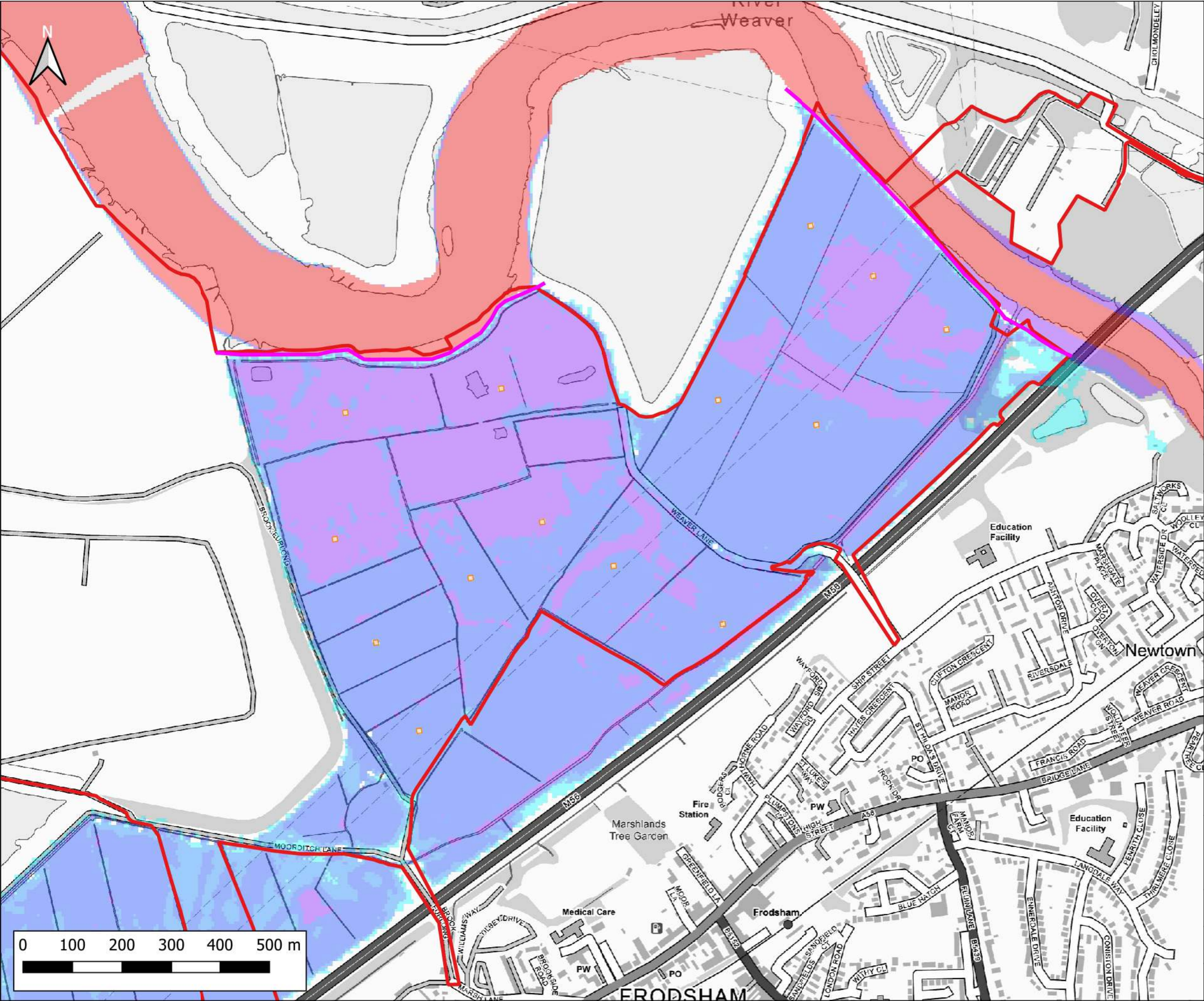
River Mersey Maximum Flood Depth  
0.5% AEP Tidal Event  
2075 Upper End  
Defended Existing Scenario (EXG)

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

PLOT NAME:	REVISION:
14740_MERS_T200HC_2075UE_EXG_DEF_020_d_Max	-





Notes:  
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- Proposed Volume Displacement

Maximum Flood Depth

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- 0.6m - 1.2m
- 1.2m - 2.4m
- > 2.4m

CLIENT:

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SCHEME:

Frodsham Solar

PLOT TITLE:

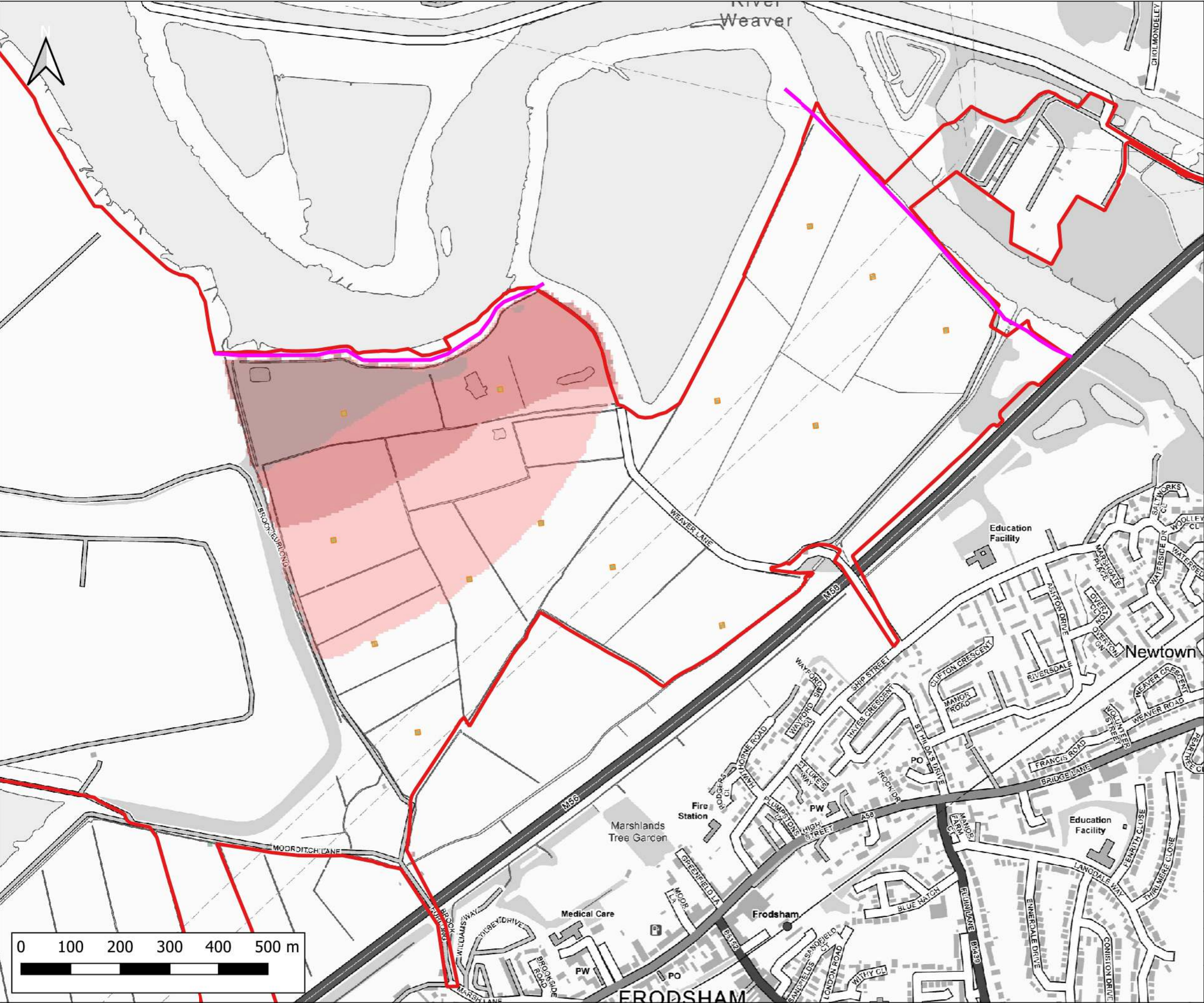
River Mersey Maximum Flood Depth  
0.5% AEP Tidal Event  
2075 Upper End  
Defended Proposed Development Scenario (DEV)

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

PLOT NAME:		REVISION:
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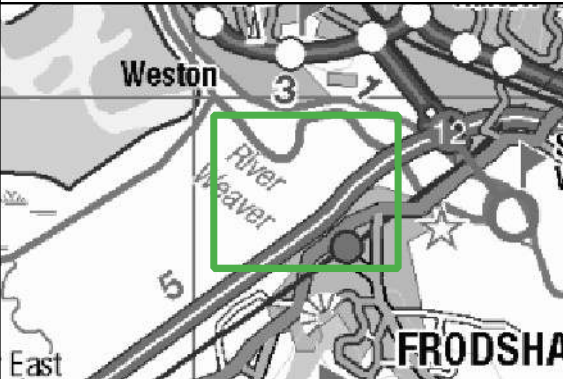




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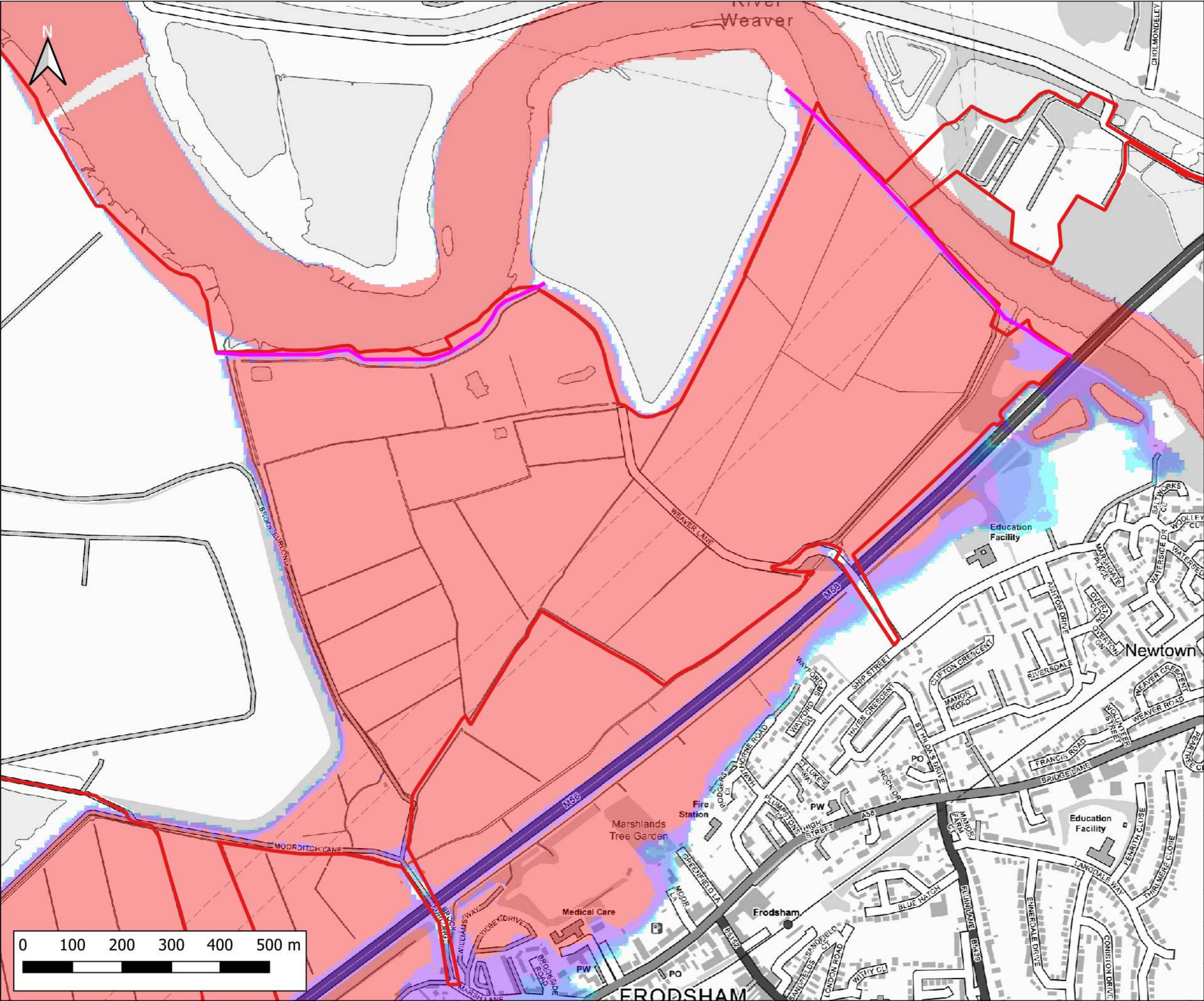
PLOT TITLE:  
River Mersey Maximum Flood Depth Difference  
0.5% AEP Tidal Event  
2075 Upper End  
Defended DEV - EXG

PLOT STATUS: FINAL DATE: 30-04-2025

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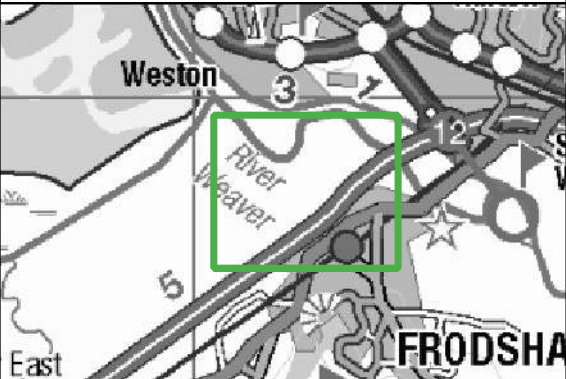




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Frodsham Solar

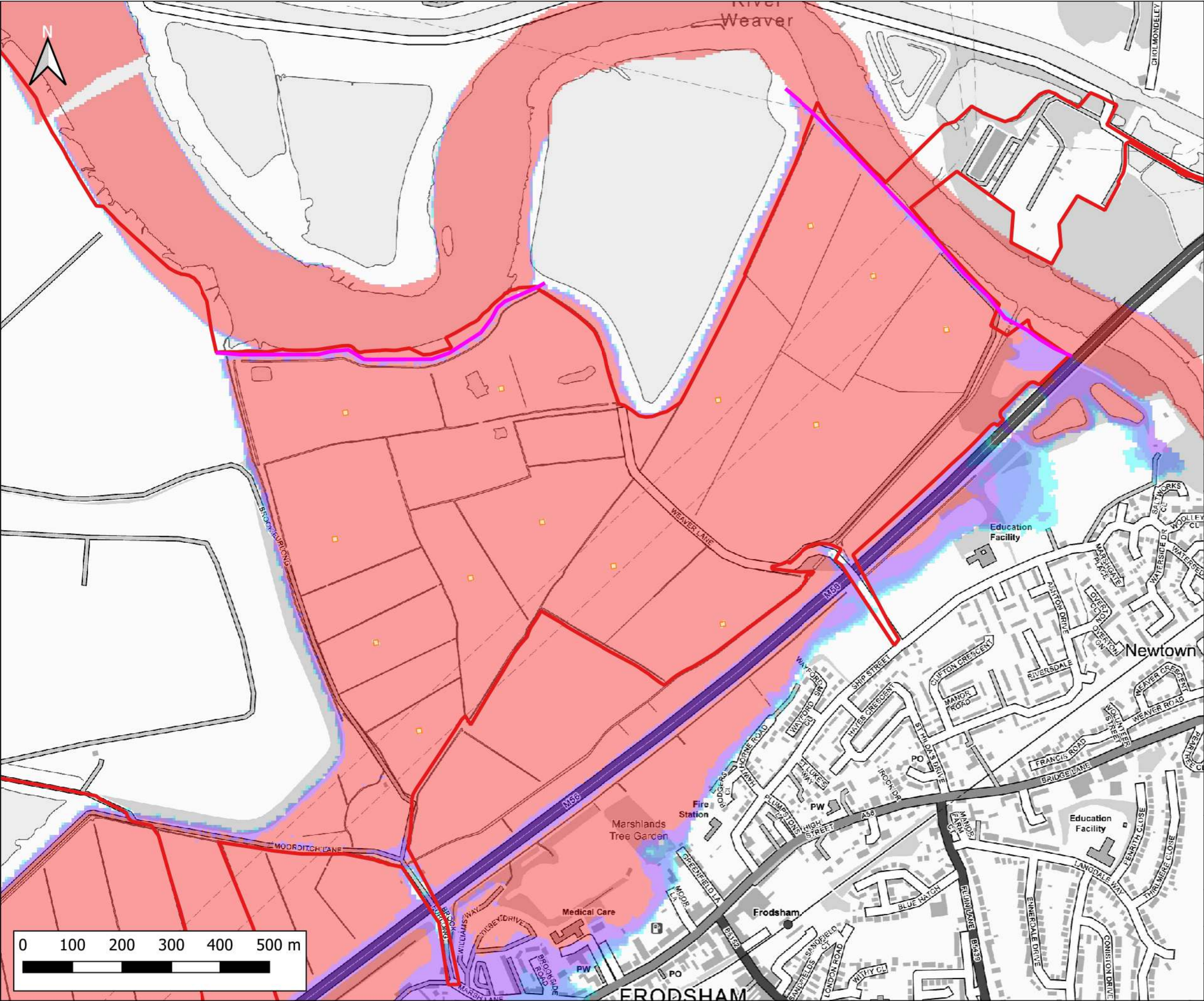
PLOT TITLE: River Mersey Maximum Flood Depth  
0.5% AEP Tidal Event  
H++  
Defended Existing Scenario (EXG)

PLOT STATUS: FINAL DATE: 30-04-2025

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

PLOT NAME: 14740\_MERS\_T200HC\_2100H++\_EXG\_DEF\_020\_d\_Max REVISION: -

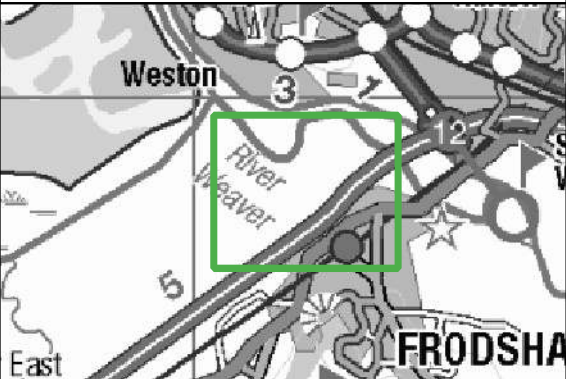





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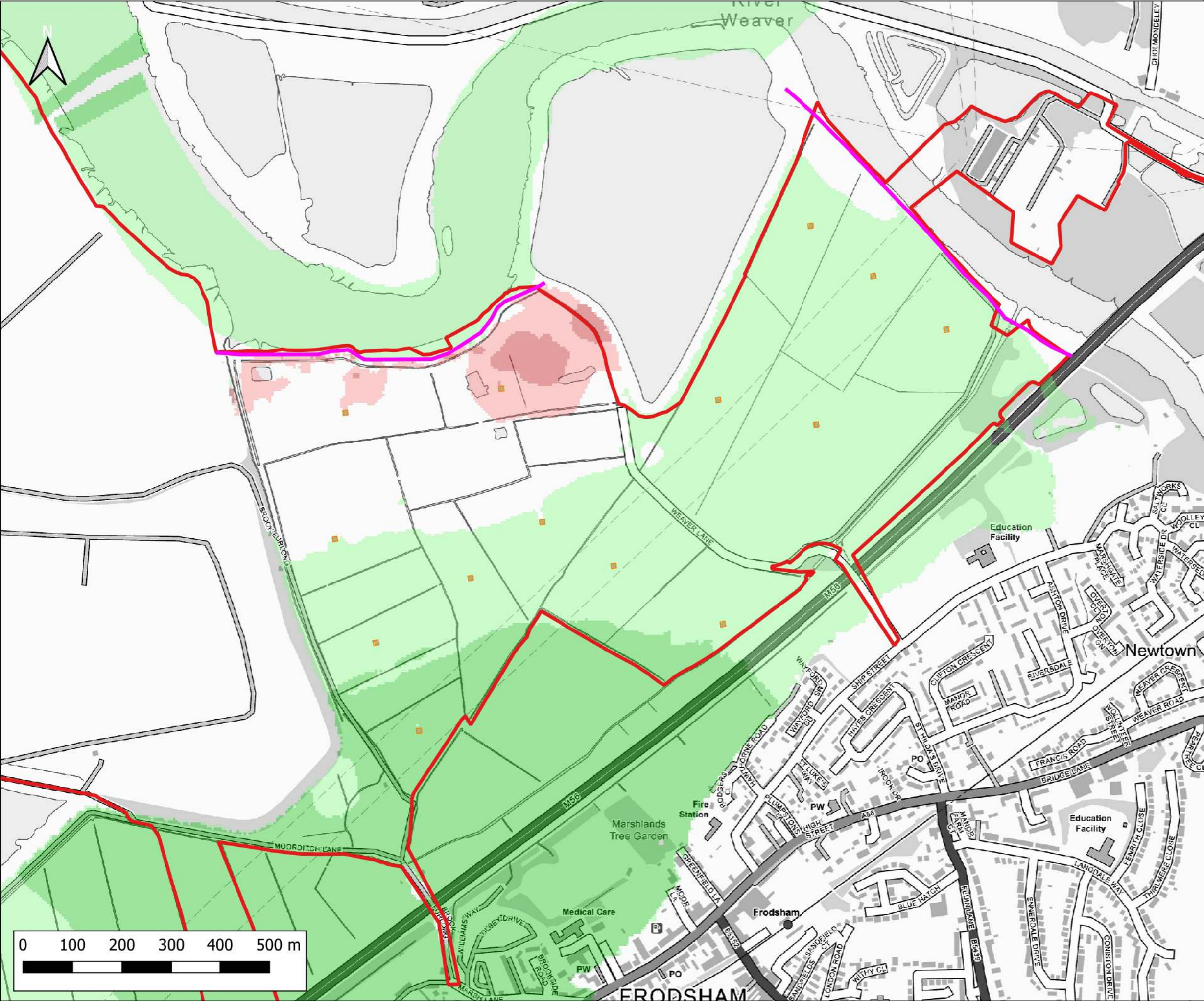
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CLIENT: <b>Frodsham Solar Ltd</b>			
 www.waterco.co.uk			
SCHEME: <b>Frodsham Solar</b>			
PLOT TITLE: River Mersey Maximum Flood Depth 0.5% AEP Tidal Event H++ Defended Proposed Development Scenario (DEV)			
PLOT STATUS: FINAL			DATE: 30-04-2025
DRAWN: MH	CHECKED: AP	APPROVED: LS	PLOT SCALE AT A3: 1:7500
PLOT NAME: 14740_MERS_T200HC_2100H++_DEV2_DEF_020_d_Max			REVISION: -





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CLIENT:

Frodsham Solar Ltd

www.waterco.co.uk

SCHEME:

Frodsham Solar

PLOT TITLE:

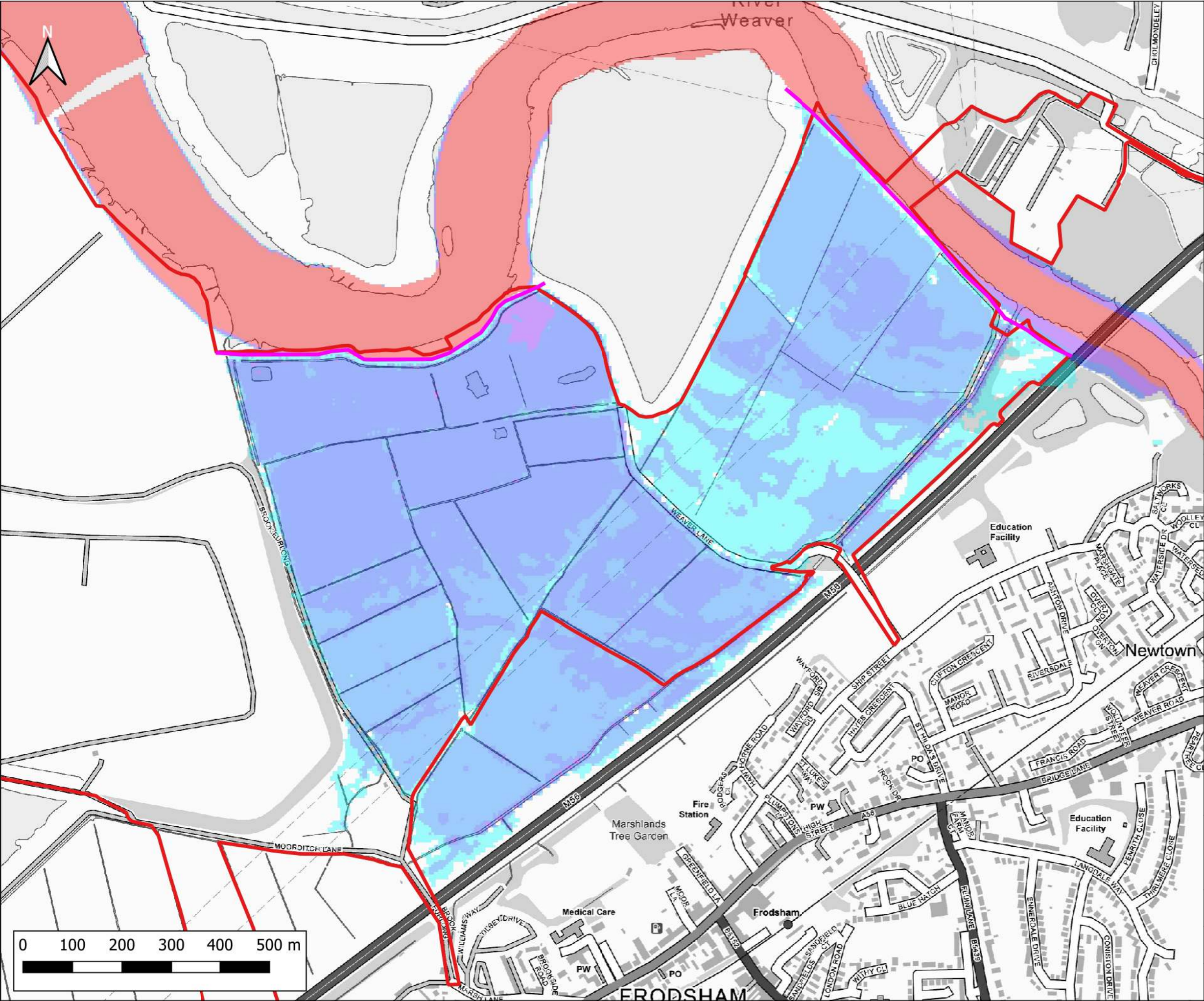
River Mersey Maximum Flood Depth Difference  
0.5% AEP Tidal Event  
H++  
Defended DEV - EXG

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

PLOT NAME:	REVISION:
14740_MERS_T200HC_2100H++_DEV2-EXG_DEF_020_d-Diff	-





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Site Boundary

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- < 0.3m
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CLIENT:

Frodsham Solar Ltd

www.waterco.co.uk

SCHEME:

Frodsham Solar

PLOT TITLE:

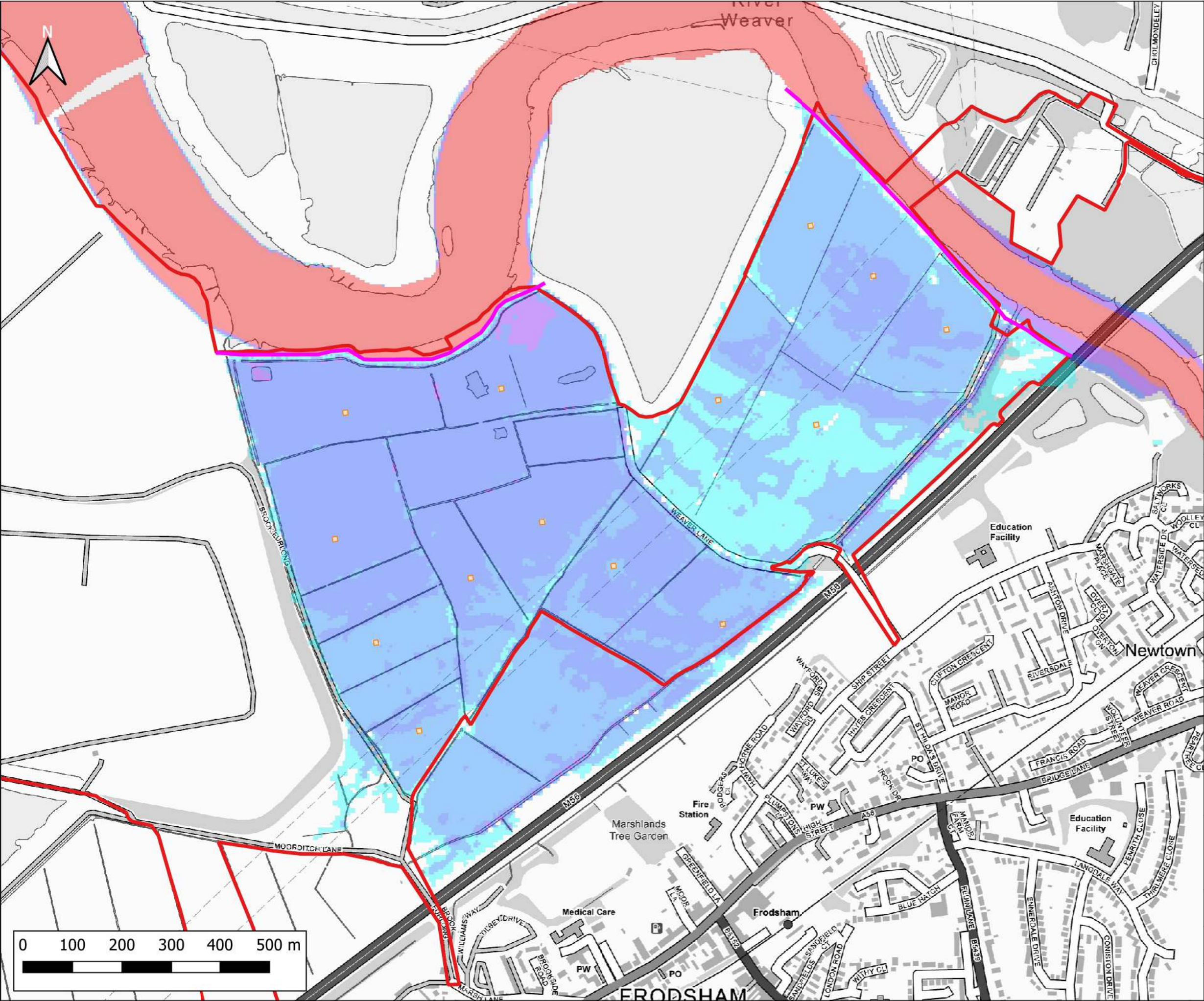
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0.1% AEP Tidal Event  
2024 Higher Central  
Defended Existing Scenario (EXG)

PLOT STATUS:			DATE:
FINAL			30-04-2025

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

PLOT NAME:	REVISION:
14740_MERS_T1000HC_2024HC_EXG_DEF_020_d_Max	-





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CLIENT:

Frodsham Solar Ltd

www.waterco.co.uk

SCHEME:

Frodsham Solar

PLOT TITLE:

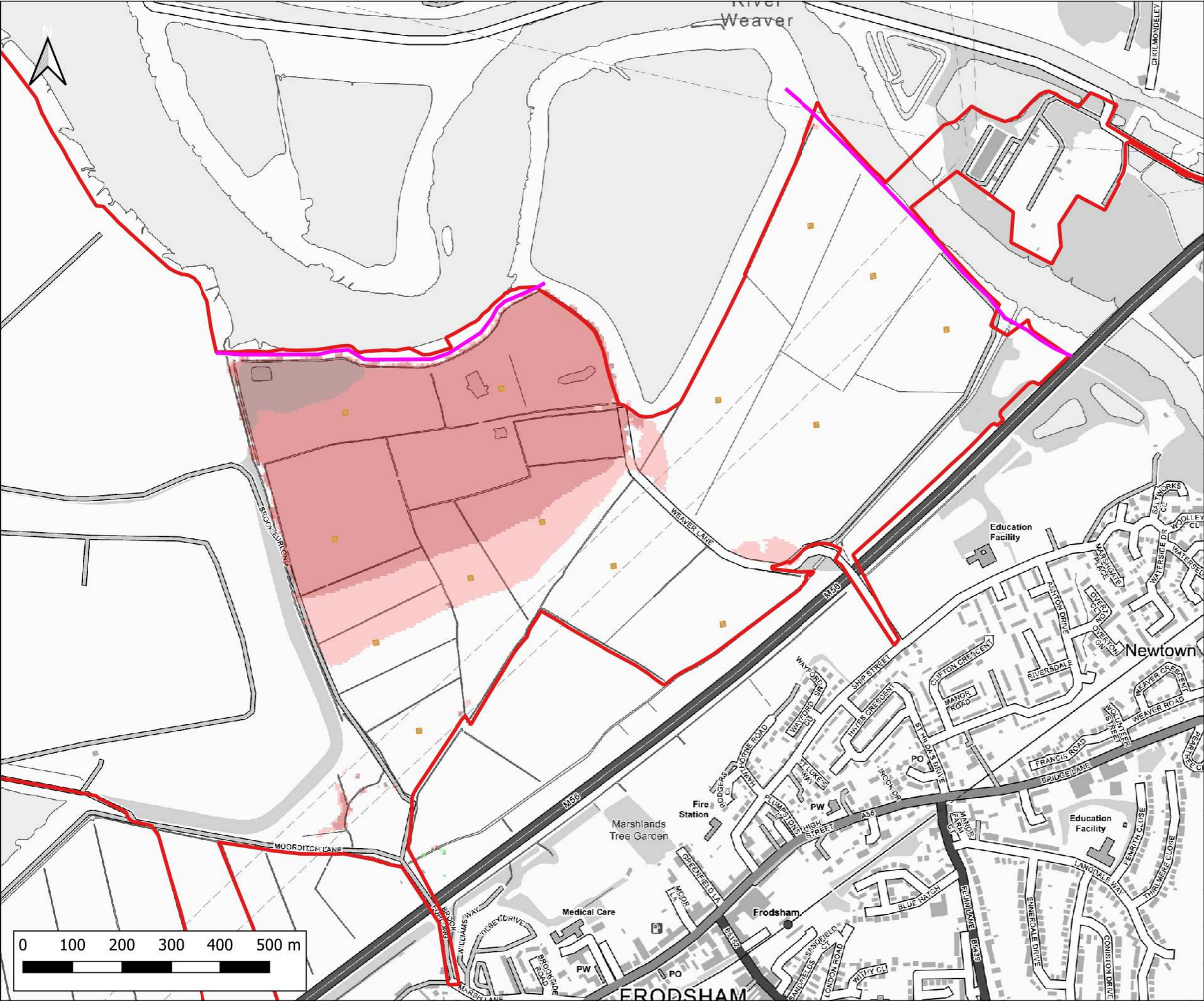
River Mersey Maximum Flood Depth  
0.1% AEP Tidal Event  
2024 Higher Central  
Defended Proposed Development Scenario (DEV)

PLOT STATUS:		DATE:	
FINAL		30-04-2025	

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

PLOT NAME:	REVISION:
14740_MERS_T1000HC_2024HC_DEV2_DEF_020_d_Max	-





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Weston  
3  
12  
East  
FRODSHAM

CLIENT:  
Frodsham Solar Ltd

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

SCHEME:  
Frodsham Solar

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

PLOT STATUS:  
FINAL

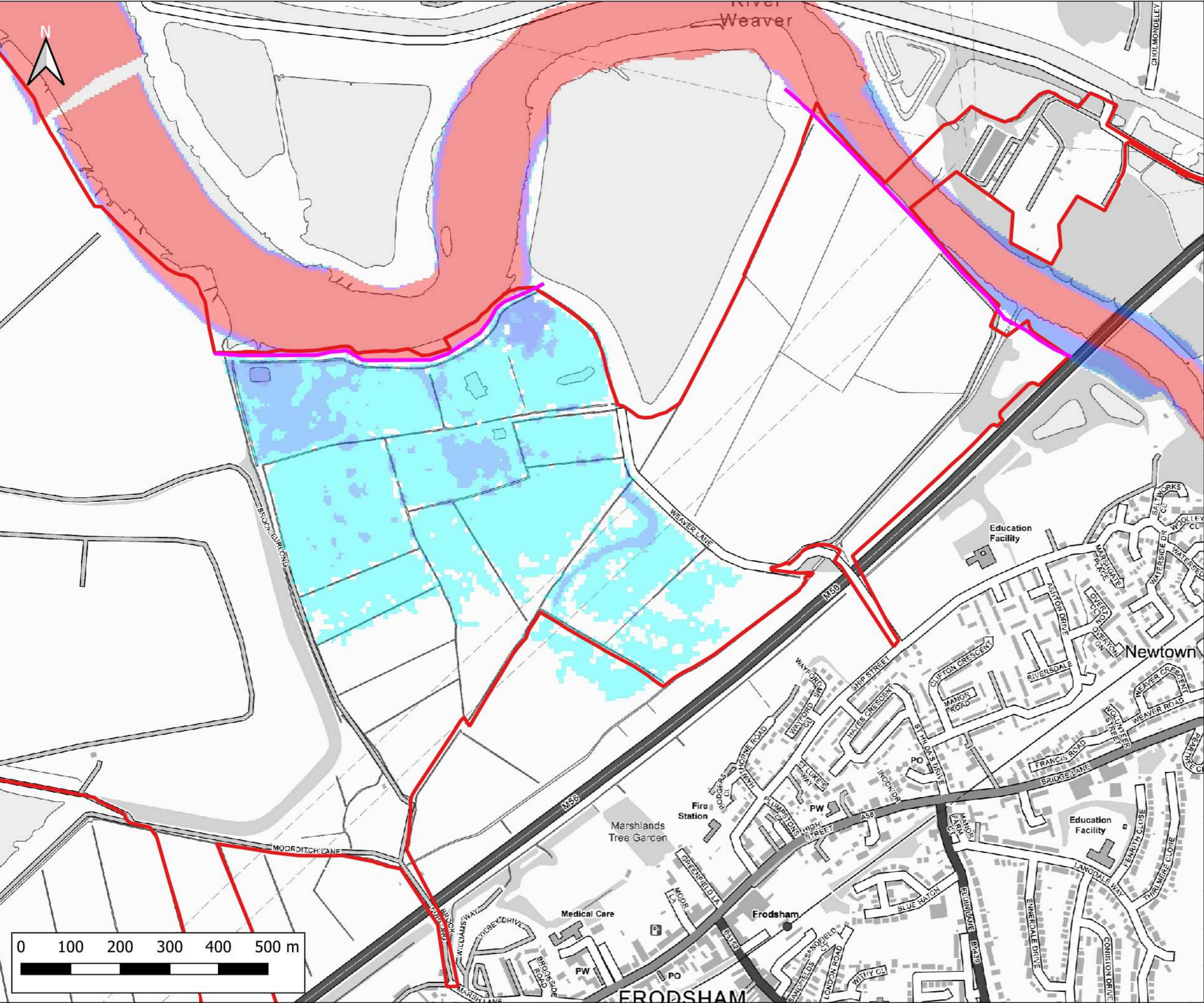
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PLOT NAME:  
14740\_MERS\_T1000HC\_2024HC\_DEV2-EXG\_DEF\_020\_d-Diff

REVISION:  
-





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Weston

3

12

East

FRODSHAM

CLIENT:

Frodsham Solar Ltd

**waterco**

www.waterco.co.uk

SCHEME:

Frodsham Solar

PLOT TITLE:

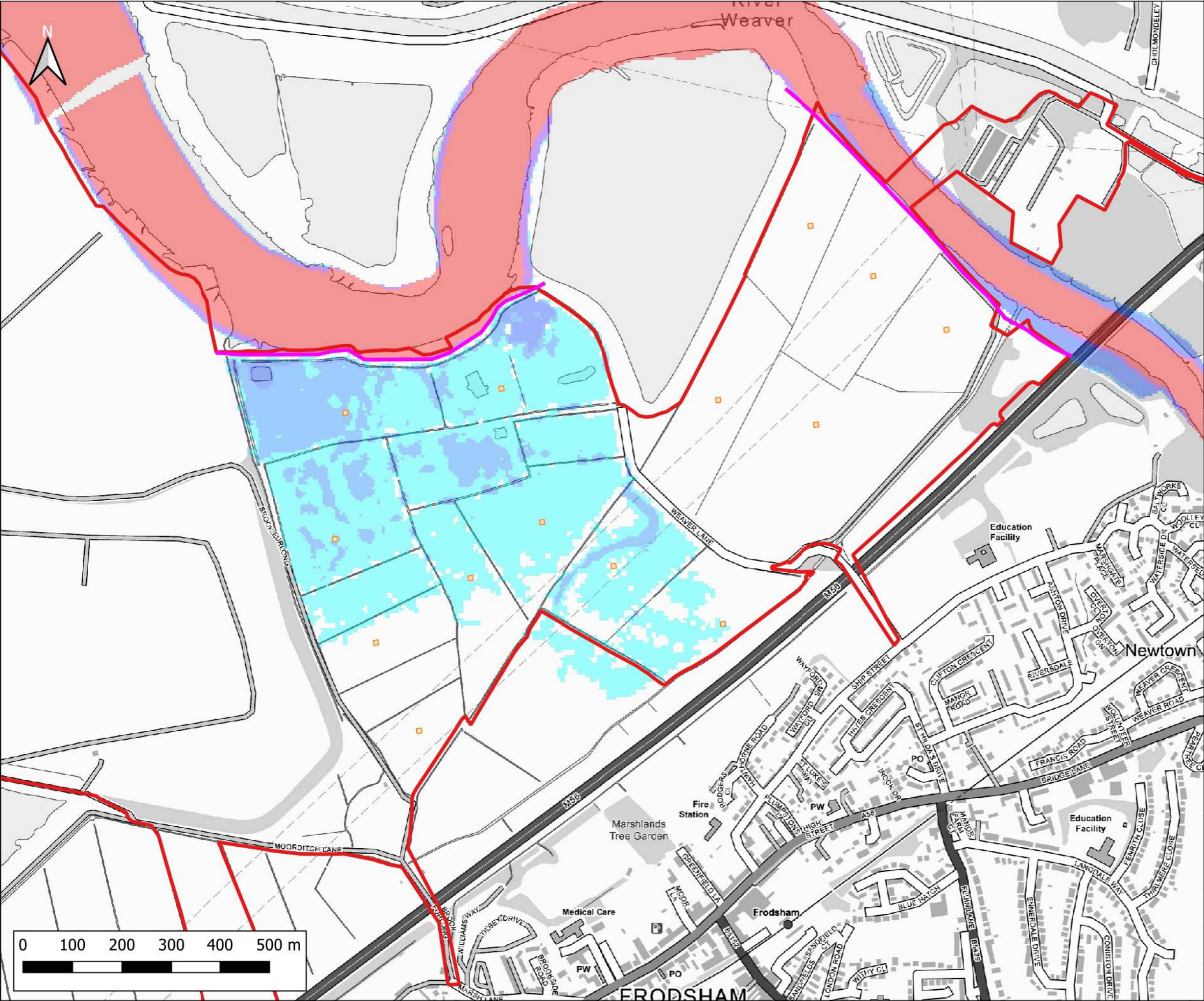
River Mersey Maximum Flood Depth  
0.5% AEP Tidal Event  
2024 Higher Central  
Breach 1 Existing Scenario

PLOT STATUS:		DATE:	
FINAL		30-04-2025	

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

PLOT NAME:			REVISION:
14740_MERS_T200HC_2024HC_EXG_BR1_020_d_Max			-





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Weston  
3  
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River Weaver  
East  
FRODSHAM

CLIENT:  
**Frodsham Solar Ltd**

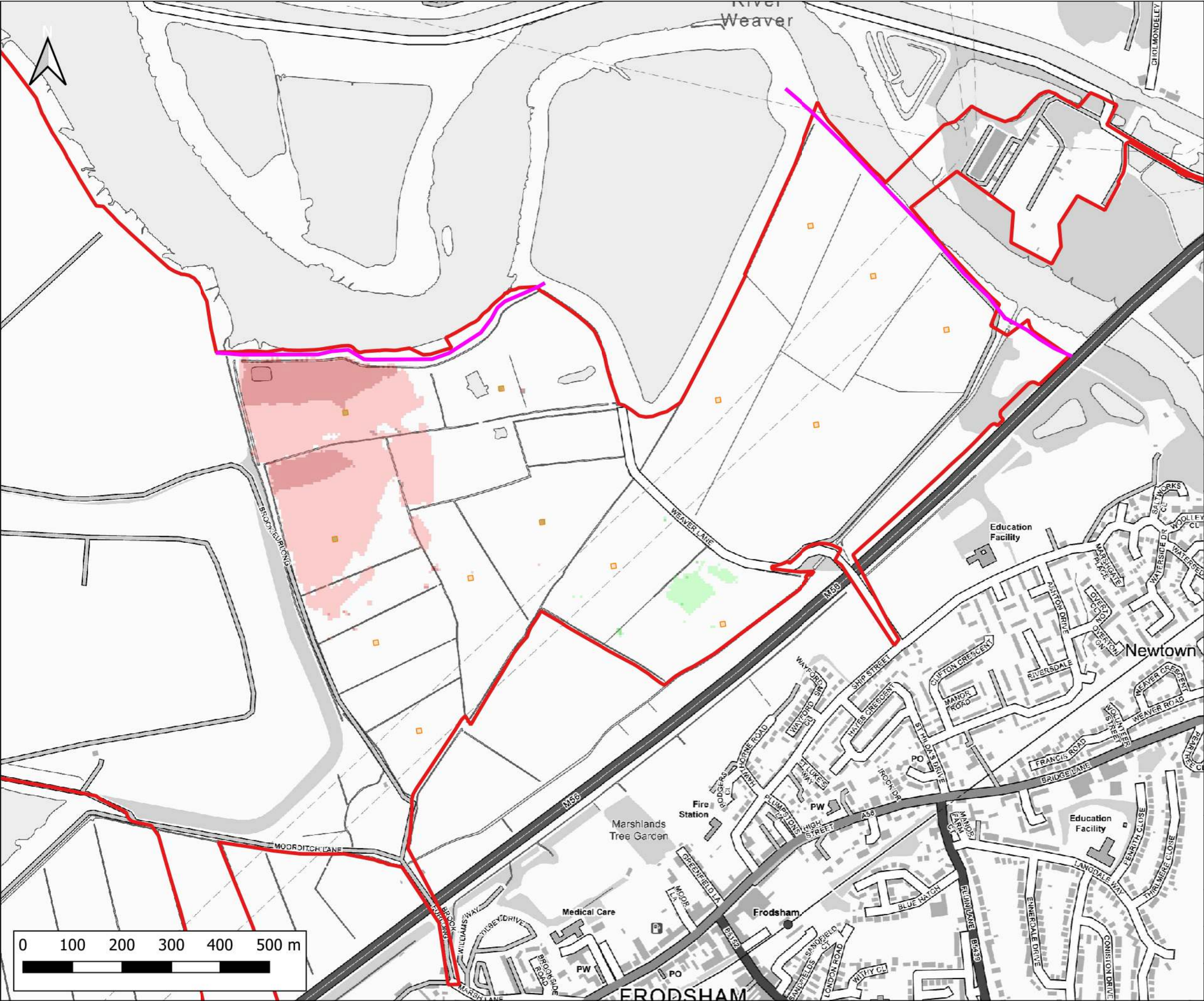
**waterco**  
www.waterco.co.uk

SCHEME:  
**Frodsham Solar**

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

PLOT STATUS: FINAL			DATE: 30-04-2025
DRAWN: MH	CHECKED: AP	APPROVED: LS	PLOT SCALE AT A3: 1:7500
PLOT NAME: 14740_MERS_T200HC_2024HC_DEV2_BR1_020_d_Max			REVISION: -





Notes:  
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**LEGEND**

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Weston  
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East  
FRODSHAM

CLIENT:  
Frodsham Solar Ltd

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www.waterco.co.uk

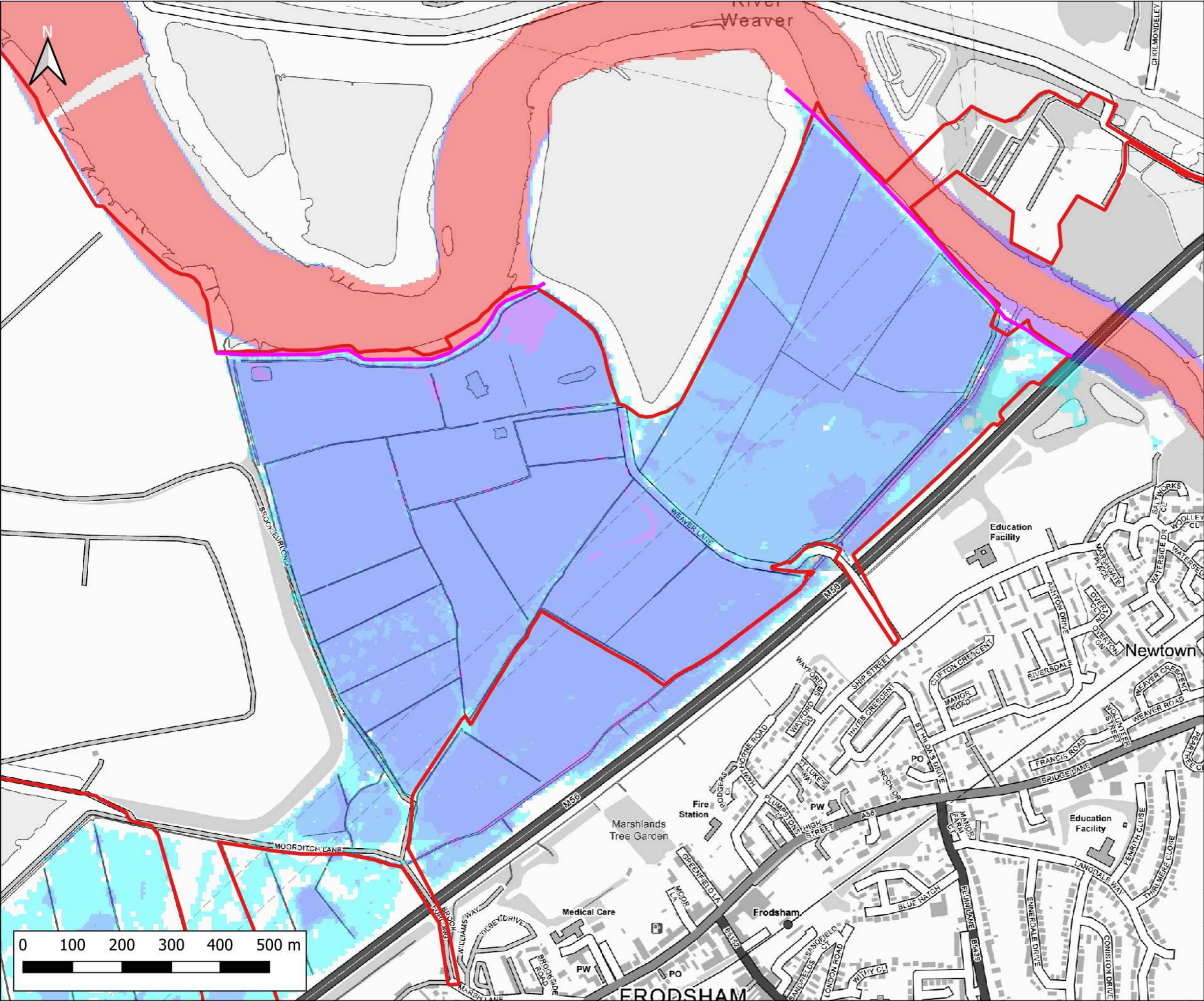
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Frodsham Solar

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

PLOT STATUS: FINAL		DATE: 30-04-2025
DRAWN: MH	CHECKED: AP	APPROVED: LS
PLOT NAME: 14740_MERS_T200HC_2024HC_DEV2-EXG_BR1_020_d-Diff		REVISION: -

PLOT SCALE AT A3:  
1:7500





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CLIENT:

Frodsham Solar Ltd

www.waterco.co.uk

SCHEME:

Frodsham Solar

PLOT TITLE:

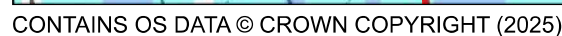
River Mersey Maximum Flood Depth  
0.5% AEP Tidal Event  
2075 Higher Central  
Breach 1 Existing Scenario (EXG)

PLOT STATUS:		FINAL		DATE:	30-04-2025
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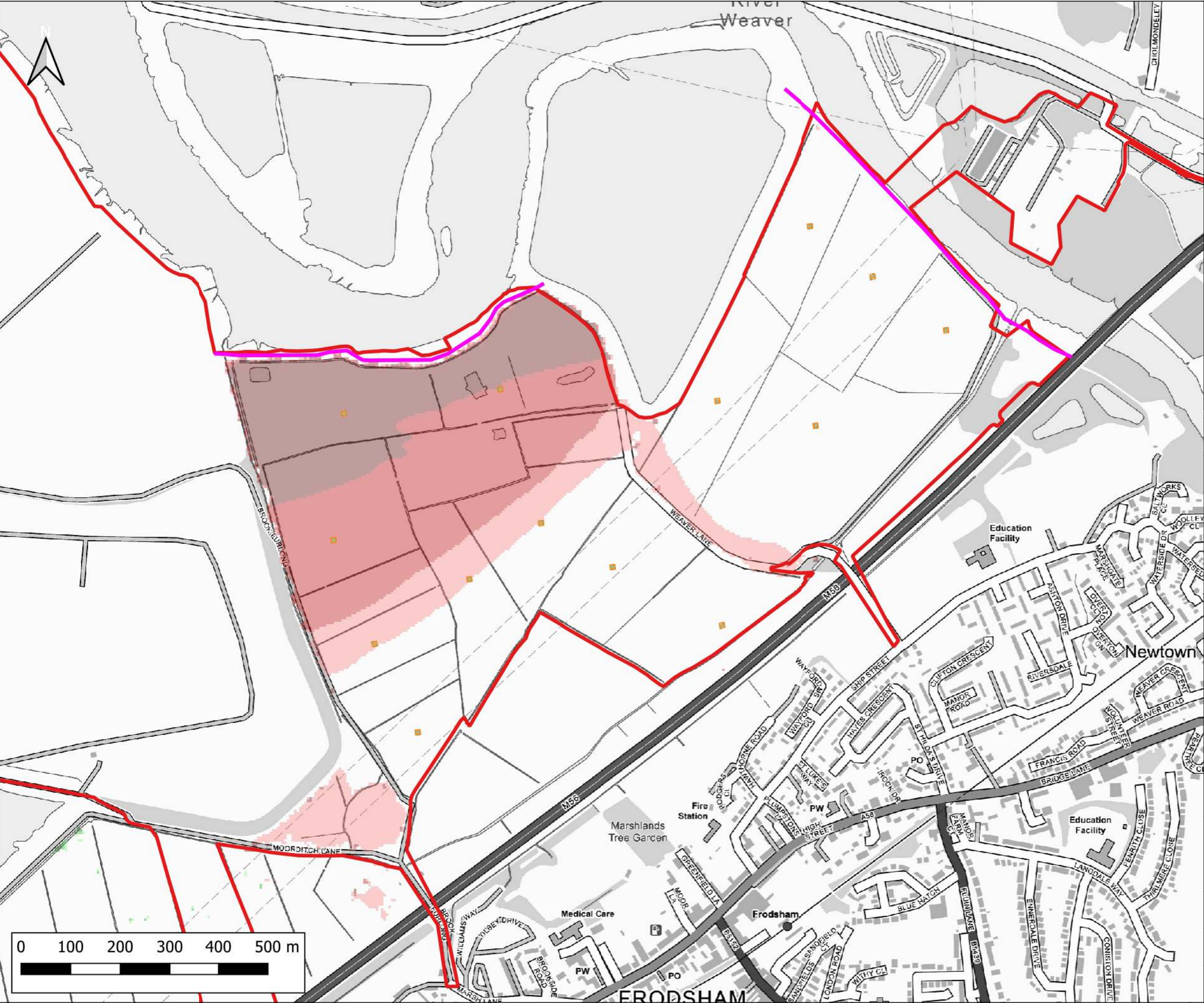
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MH	AP	LS	1:7500	

PLOT NAME:		REVISION:
14740_MERS_T200HC_2075HC_EXG_BR1_020_d_Max		-









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- 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

www.waterco.co.uk

SCHEME:

Frodsham Solar

PLOT TITLE:

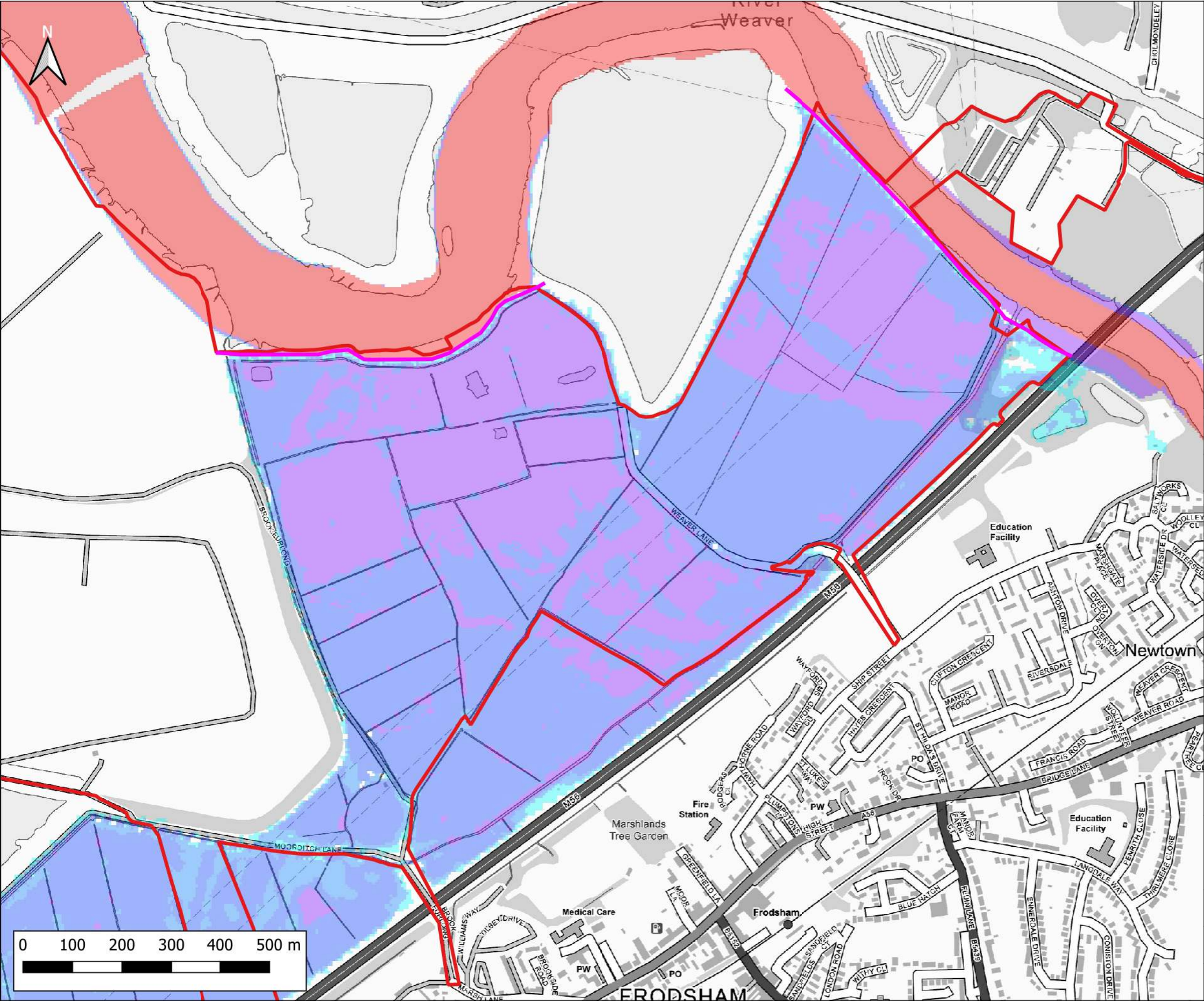
River Mersey Maximum Flood Depth Difference  
0.5% AEP Tidal Event  
2075 Higher Central  
Breach 1 DEV - EXG

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

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

PLOT NAME:	REVISION:
14740_MERS_T200HC_2075HC_DEV2-EXG_BR1_020_d-Diff	-





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

**LEGEND**

Site Boundary

River Weaver Flood Defences

Maximum Flood Depth

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

CLIENT:

Frodsham Solar Ltd

**waterco**

www.waterco.co.uk

SCHEME:

Frodsham Solar

PLOT TITLE:

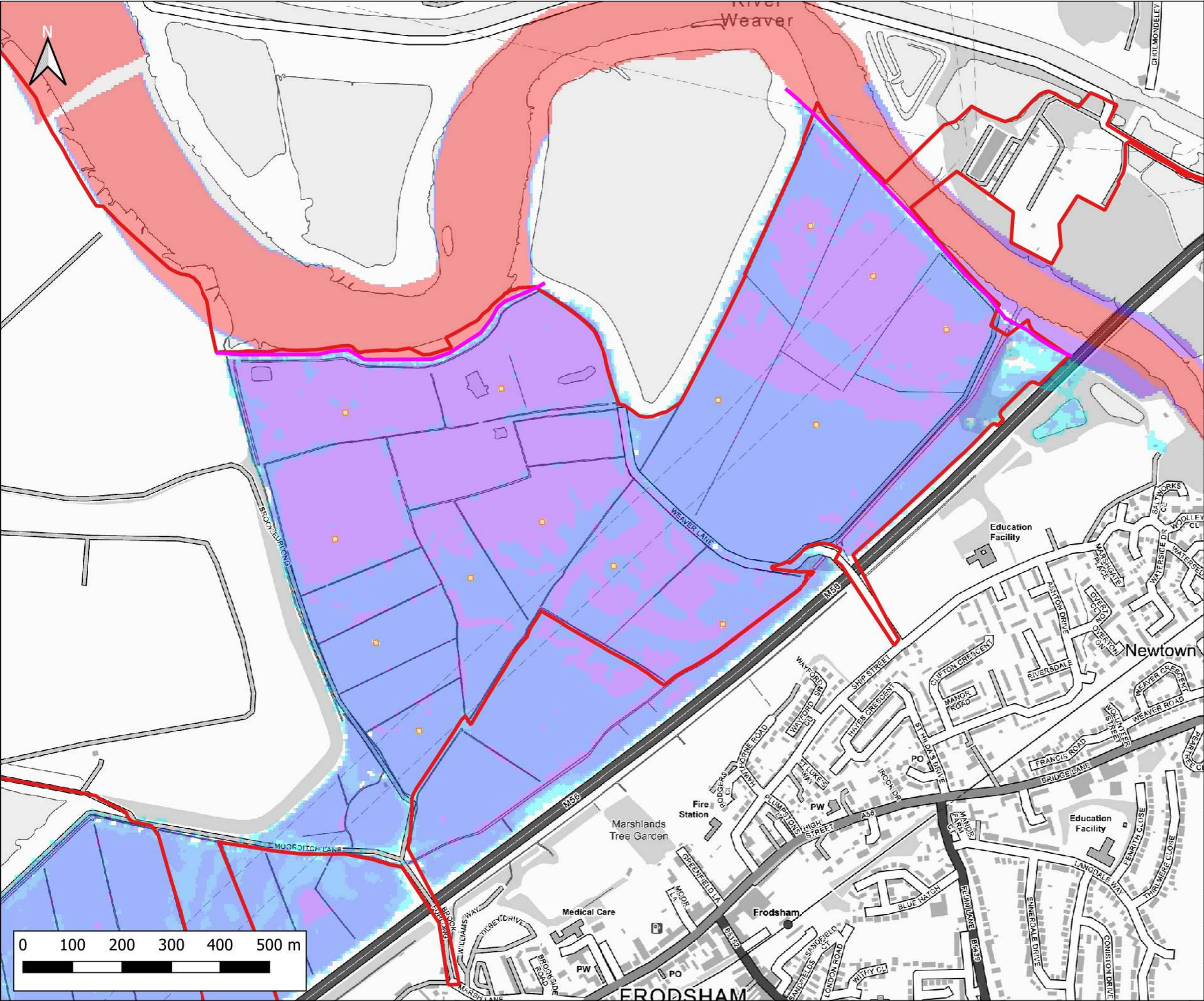
River Mersey Maximum Flood Depth  
0.5% AEP Tidal Event  
2075 Upper End  
Breach 1 Existing Scenario (EXG)

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

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

PLOT NAME:		REVISION:
14740_MERS_T200HC_2075UE_EXG_BR1_020_d_Max		-





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

**LEGEND**

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

Maximum Flood Depth

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

CLIENT:

Frodsham Solar Ltd

www.waterco.co.uk

SCHEME:

Frodsham Solar

PLOT TITLE:

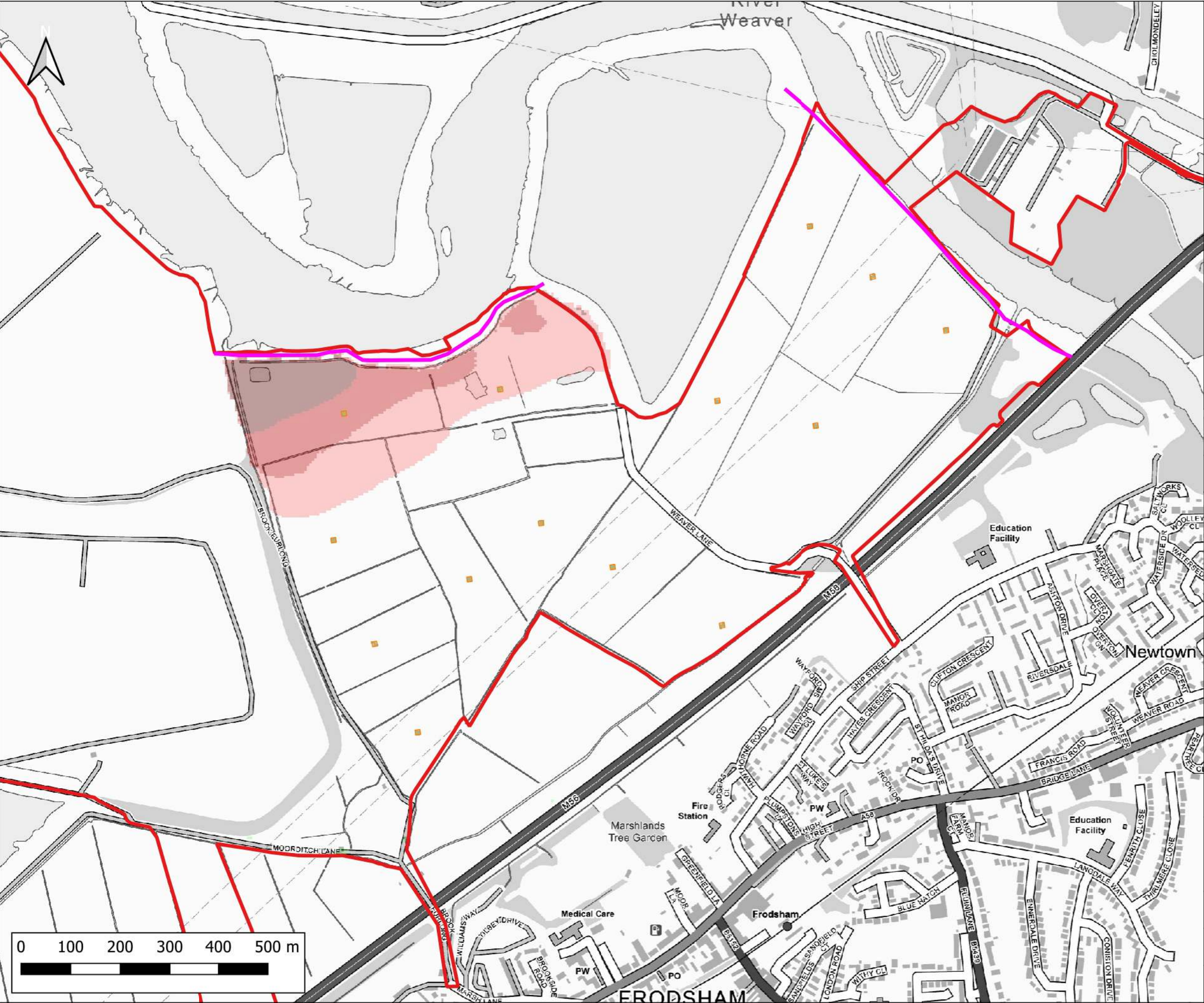
River Mersey Maximum Flood Depth  
0.5% AEP Tidal Event  
2075 Upper End  
Breach 1 Proposed Development Scenario (DEV)

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

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

PLOT NAME:	REVISION:
14740_MERS_T200HC_2075UE_DEV2_BR1_020_d_Max	-





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

**LEGEND**

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

Maximum Flood Depth Difference

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

CLIENT:

Frodsham Solar Ltd

www.waterco.co.uk

SCHEME:

Frodsham Solar

PLOT TITLE:

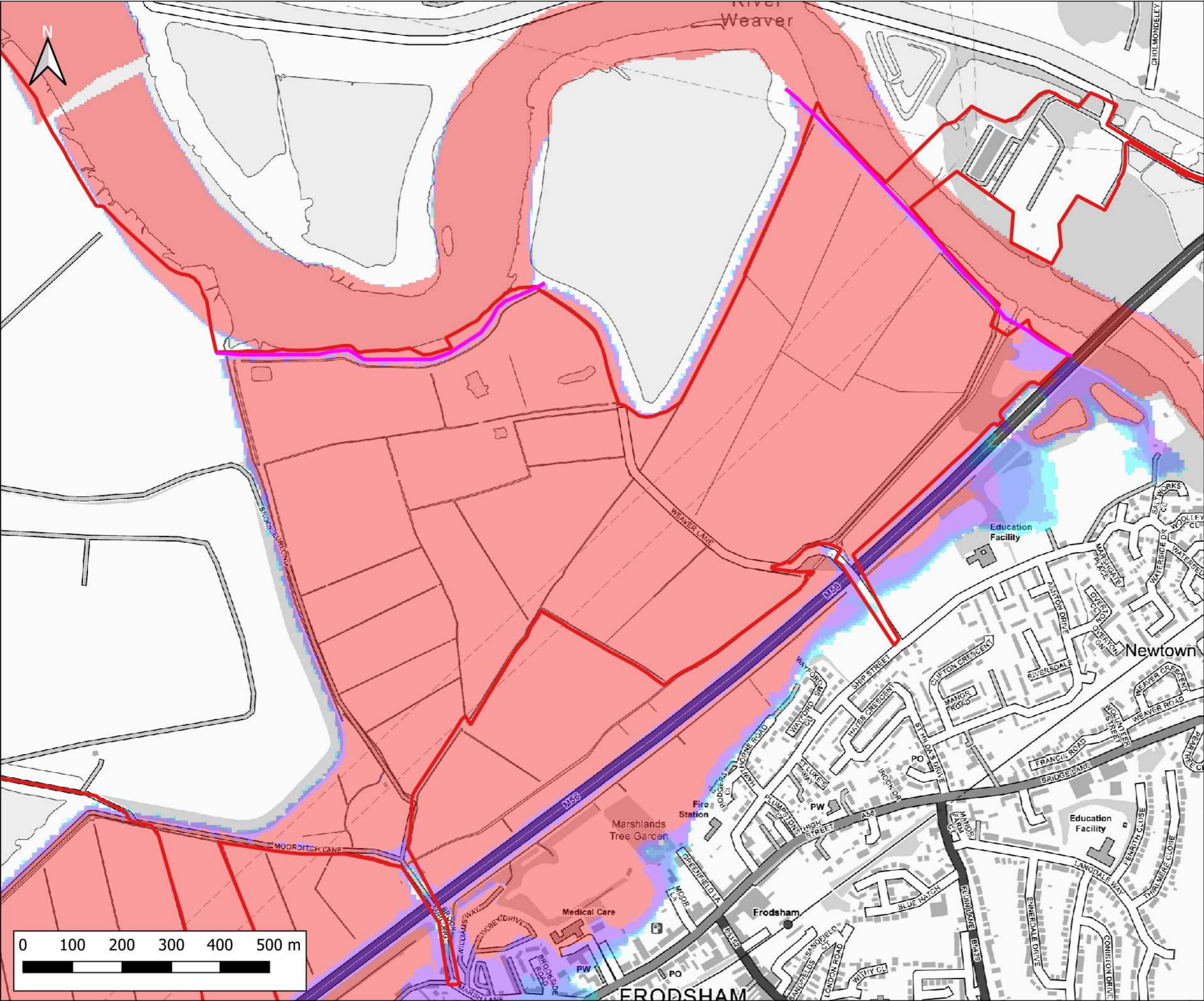
River Mersey Maximum Flood Depth Difference  
0.5% AEP Tidal Event  
2075 Upper End  
Breach 1 DEV - EXG

PLOT STATUS:		DATE:	
FINAL		30-04-2025	

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

PLOT NAME:	REVISION:
14740_MERS_T200HC_2075UE_DEV2-EXG_BR1_020_d-Diff	-

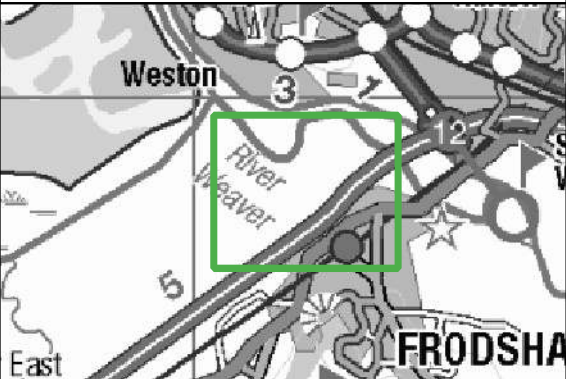




Notes:  
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

**LEGEND**

- Site Boundary
- River Weaver Flood Defences
- Maximum Flood Depth
  - < 0.3m
  - 0.3m - 0.6m
  - 0.6m - 1.2m
  - 1.2m - 2.4m
  - > 2.4m



Frodsham Solar Ltd



Frodsham Solar

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

PLOT STATUS: FINAL DATE: 30-04-2025

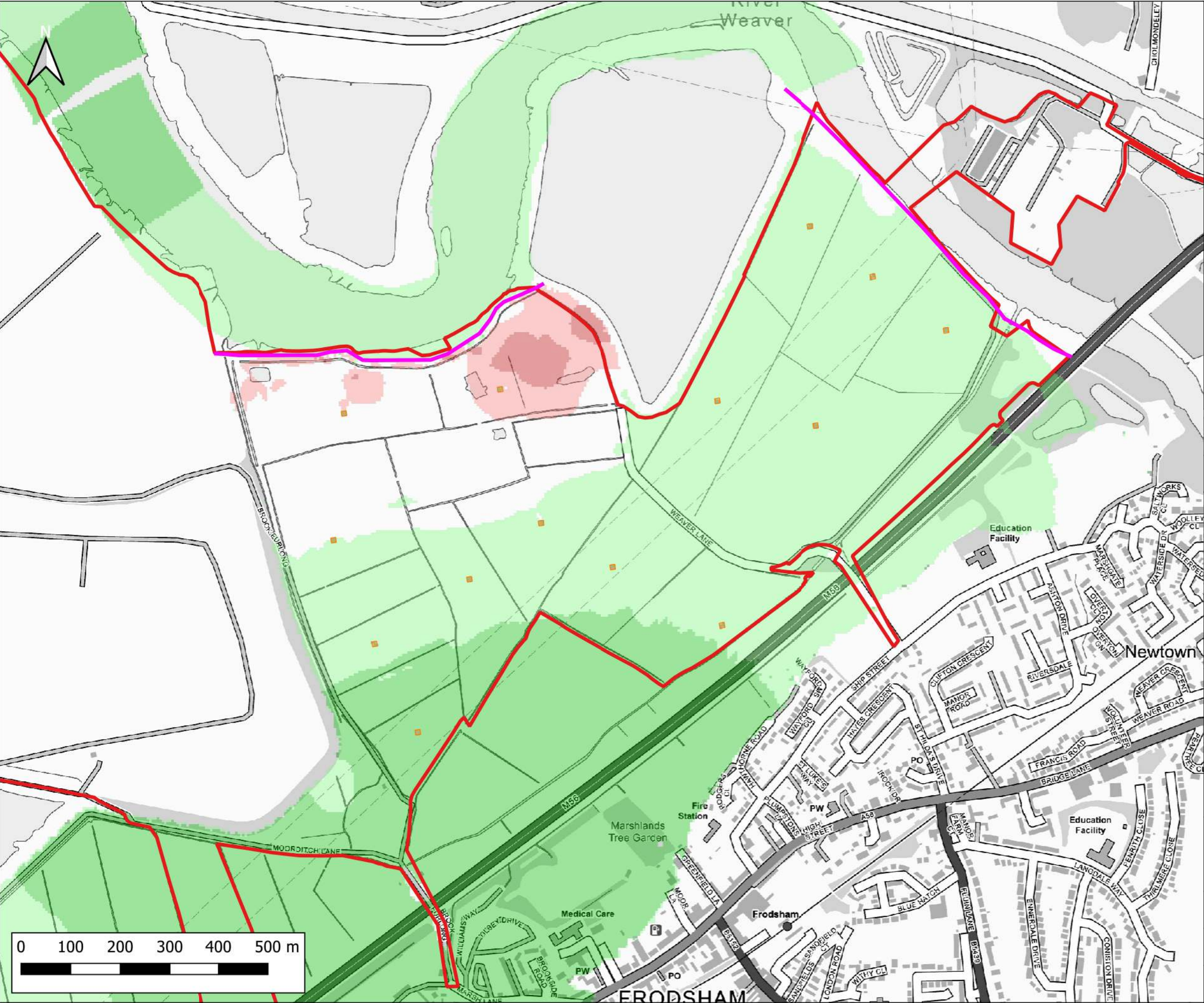
DRAWN: MH CHECKED: AP APPROVED: LS PLOT SCALE AT A3: 1:7500

PLOT NAME: 14740\_MERS\_T200HC\_2100H++\_EXG\_BR1\_020\_d\_Max REVISION: -





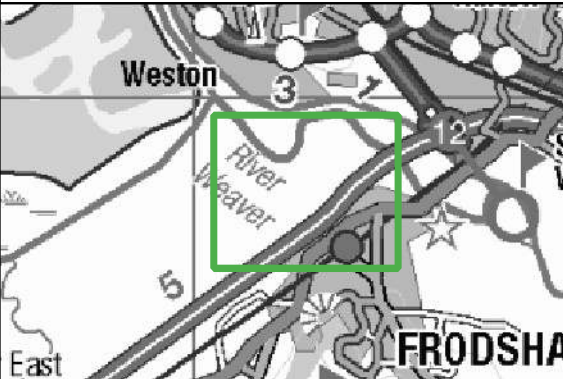




Notes:  
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

**LEGEND**

- Site Boundary
- River Weaver Flood Defences
- Proposed Volume Displacement
- Maximum Flood Depth Difference
  - > -100mm
  - 50mm to -100mm
  - 20mm to -50mm
  - No Change (+/- 20mm)
  - +20mm to +50mm
  - +50mm to +100mm
  - > +100mm



Frodsham Solar Ltd



Frodsham Solar

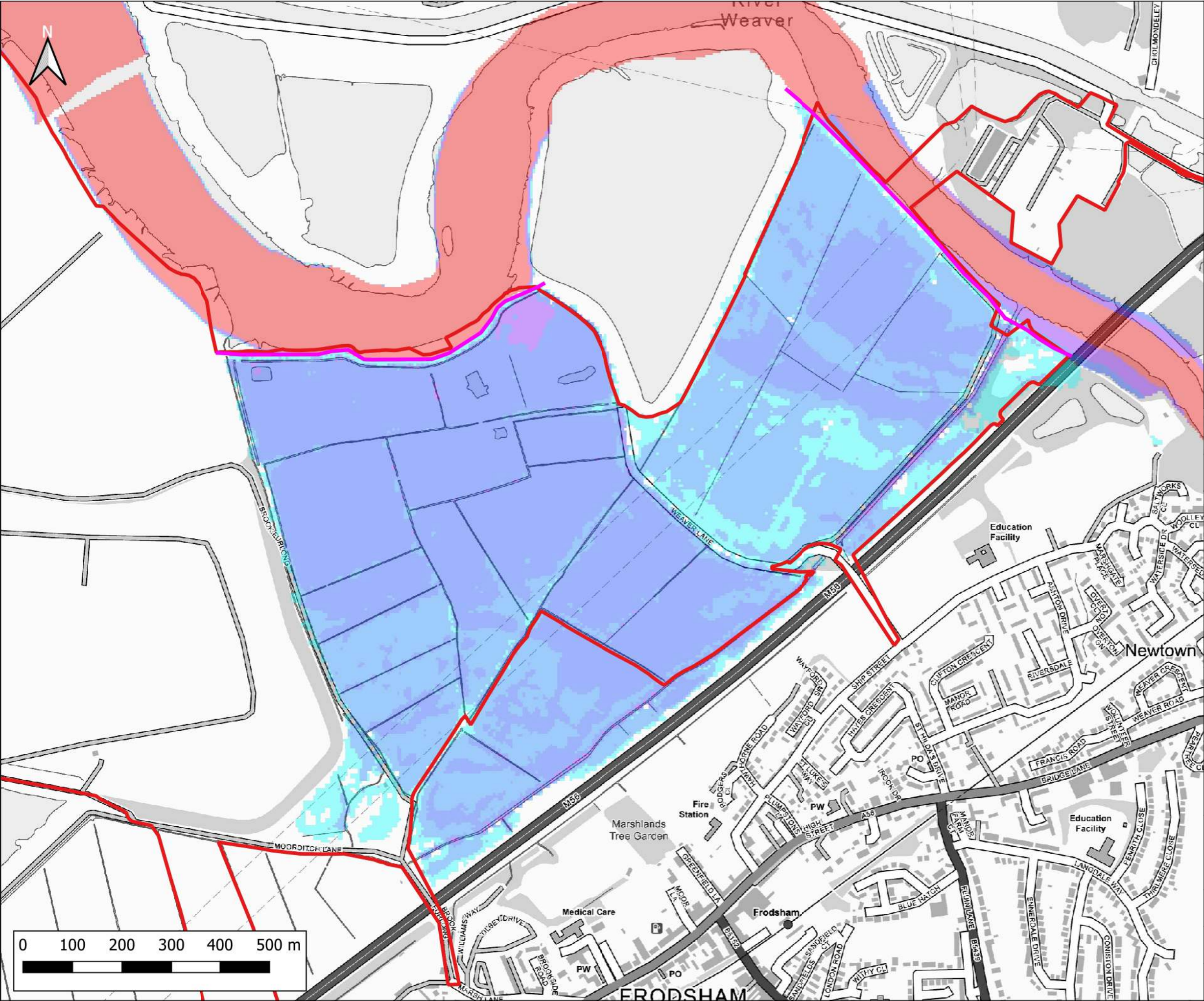
PLOT TITLE:  
River Mersey Maximum Flood Depth Difference  
0.5% AEP Tidal Event  
H++  
Breach 1 DEV - EXG

PLOT STATUS: FINAL DATE: 30-04-2025

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

PLOT NAME: 14740\_MERS\_T200HC\_2100H++\_DEV2-EXG\_BR1\_020\_d-Diff REVISION: -





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

**LEGEND**

Site Boundary

River Weaver Flood Defences

Maximum Flood Depth

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

CLIENT:

Frodsham Solar Ltd

www.waterco.co.uk

SCHEME:

Frodsham Solar

PLOT TITLE:

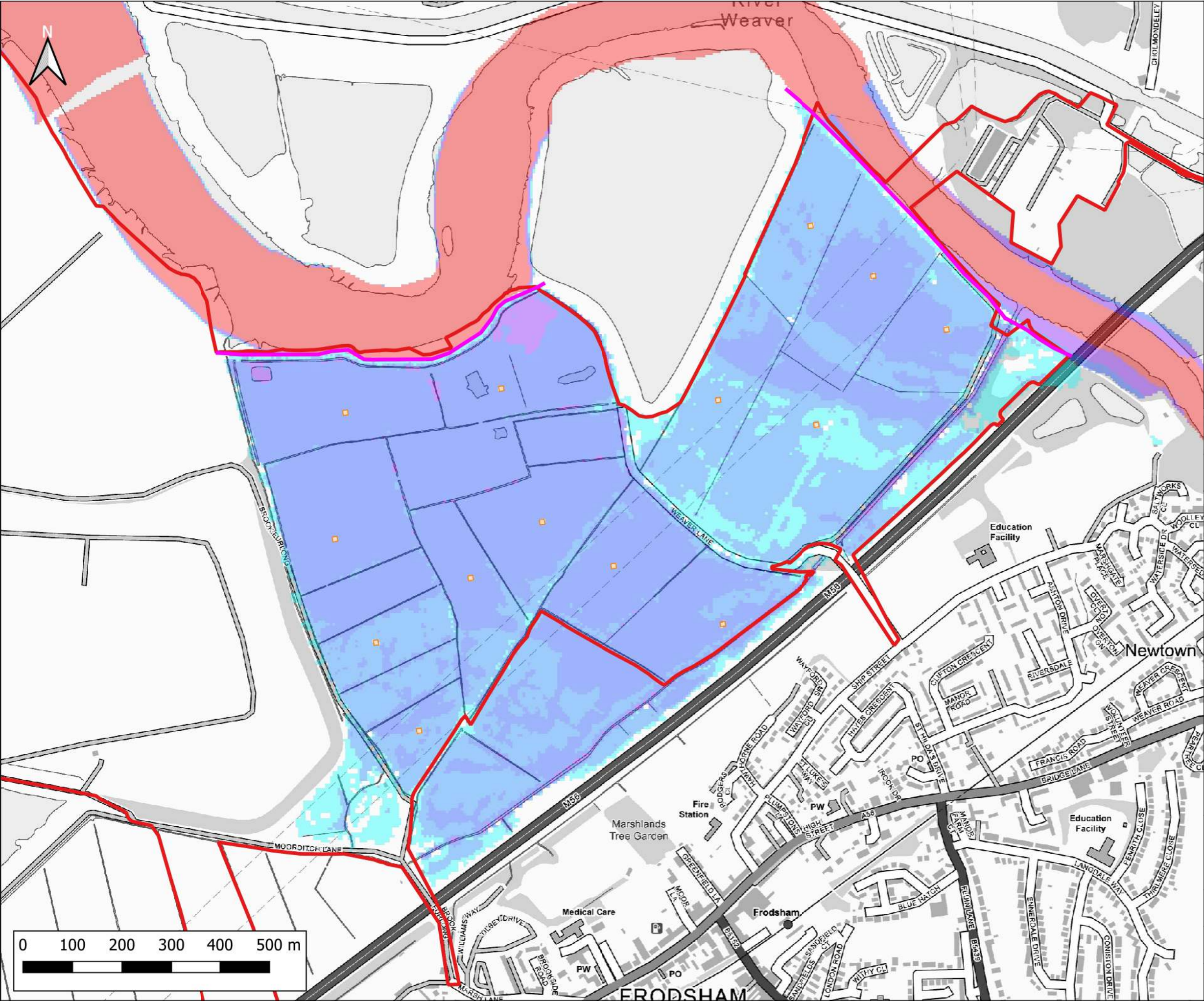
River Mersey Maximum Flood Depth  
0.1% AEP Tidal Event  
2024 Higher Central  
Breach 1 Existing Scenario (EXG)

PLOT STATUS:		DATE:	
FINAL		30-04-2025	

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

PLOT NAME:	REVISION:
14740_MERS_T1000HC_2024HC_EXG_BR1_020_d_Max	-





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

**LEGEND**

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

Maximum Flood Depth

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

CLIENT:

Frodsham Solar Ltd

www.waterco.co.uk

SCHEME:

Frodsham Solar

PLOT TITLE:

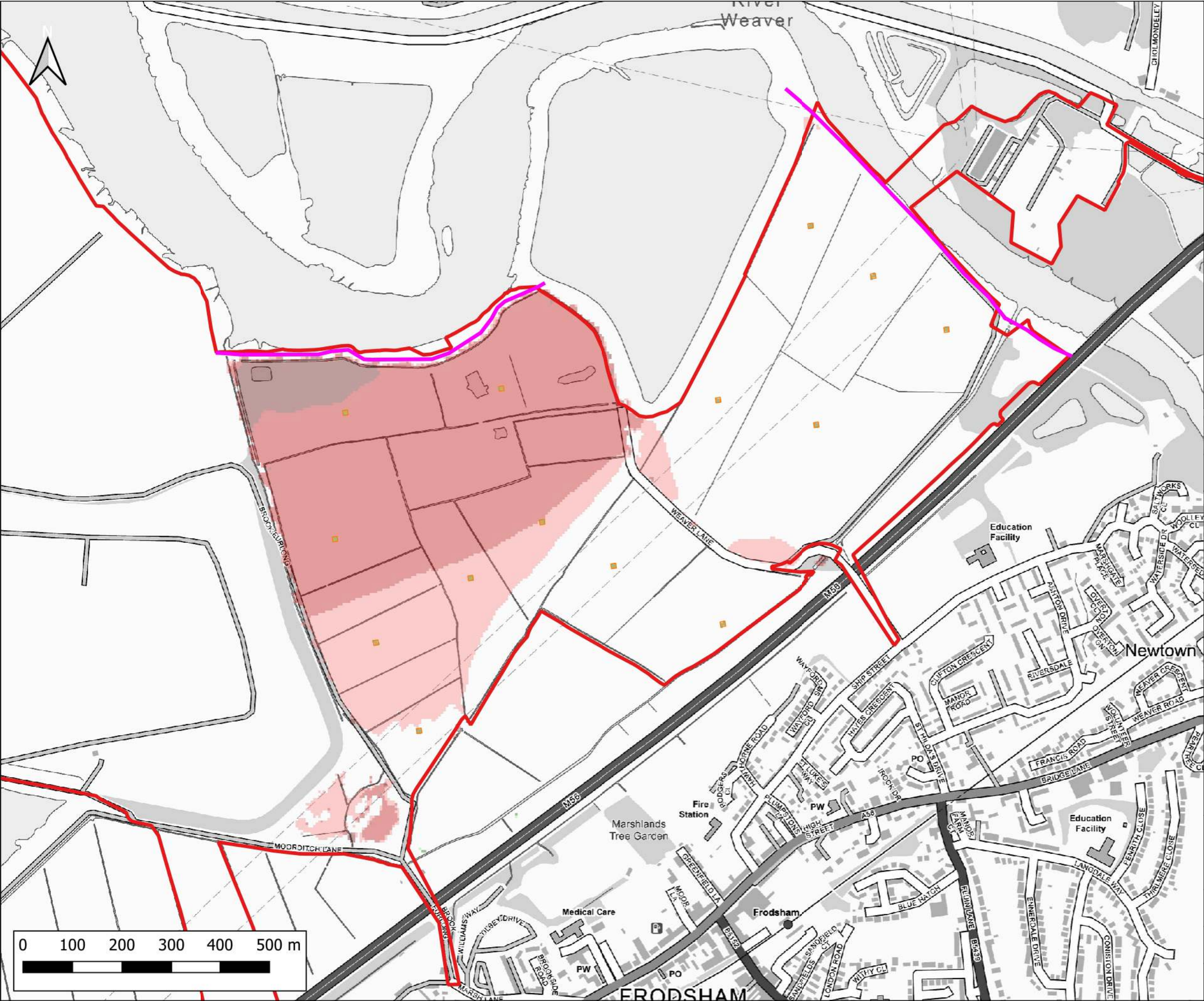
River Mersey Maximum Flood Depth  
0.1% AEP Tidal Event  
2024 Higher Central  
Breach 1 Proposed Development Scenario (DEV)

PLOT STATUS:			DATE:
FINAL			30-04-2025

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

PLOT NAME:	REVISION:
14740_MERS_T1000HC_2024HC_DEV2_BR1_020_d_Max	-





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

**LEGEND**

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

Maximum Flood Depth Difference

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

Weston  
3  
12  
East  
FRODSHAM

CLIENT:  
Frodsham Solar Ltd

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

SCHEME:  
Frodsham Solar

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

PLOT STATUS:  
FINAL

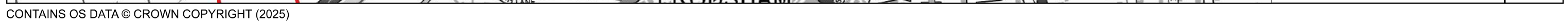
DATE:  
30-04-2025

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

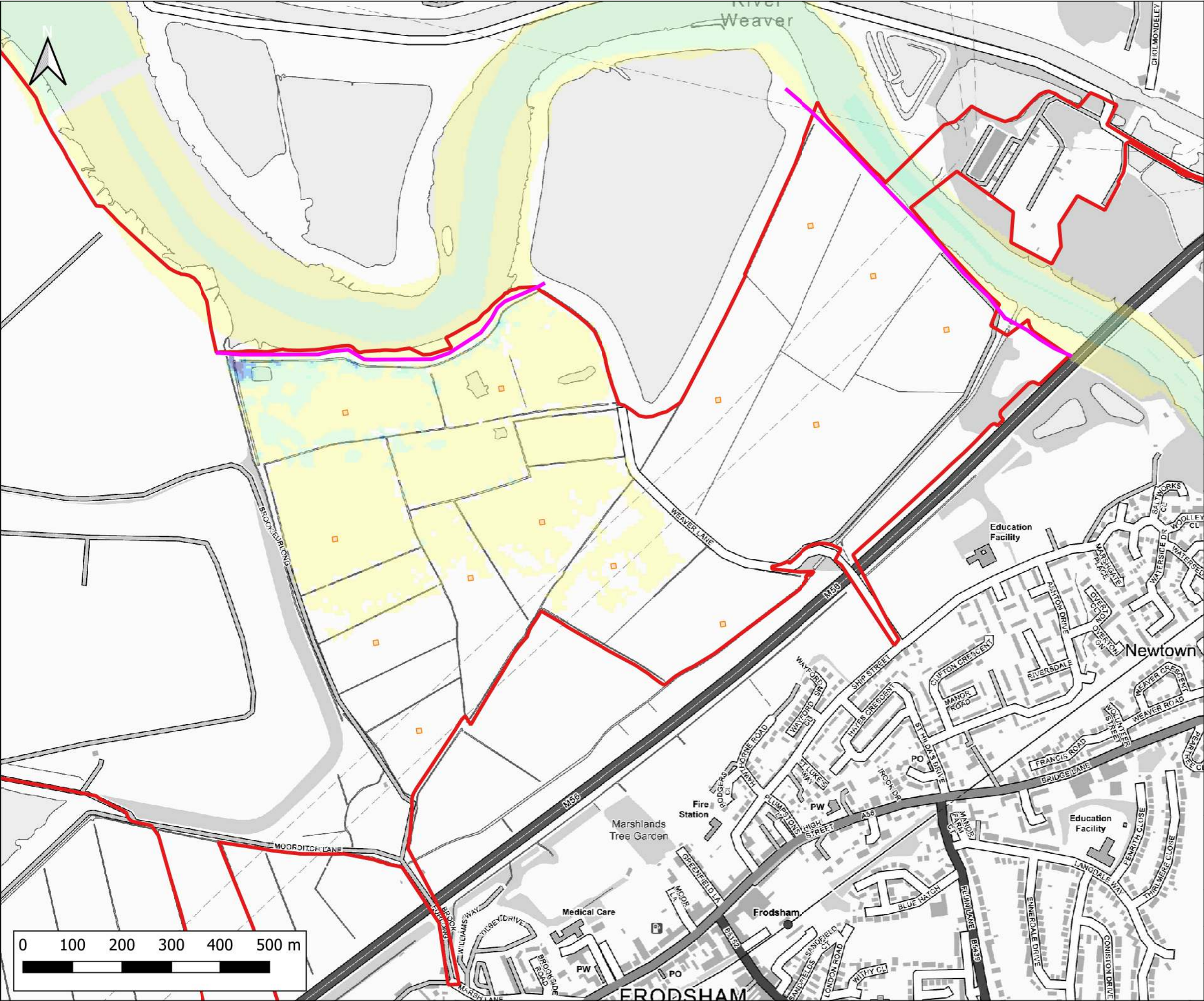
PLOT NAME:  
14740\_MERS\_T1000HC\_2024HC\_DEV2-EXG\_BR1\_020\_d-Diff

REVISION:  
-









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

**LEGEND**

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

Maximum Flood Velocity (m/s)

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

CLIENT:

Frodsham Solar Ltd

www.waterco.co.uk

SCHEME:

Frodsham Solar

PLOT TITLE:

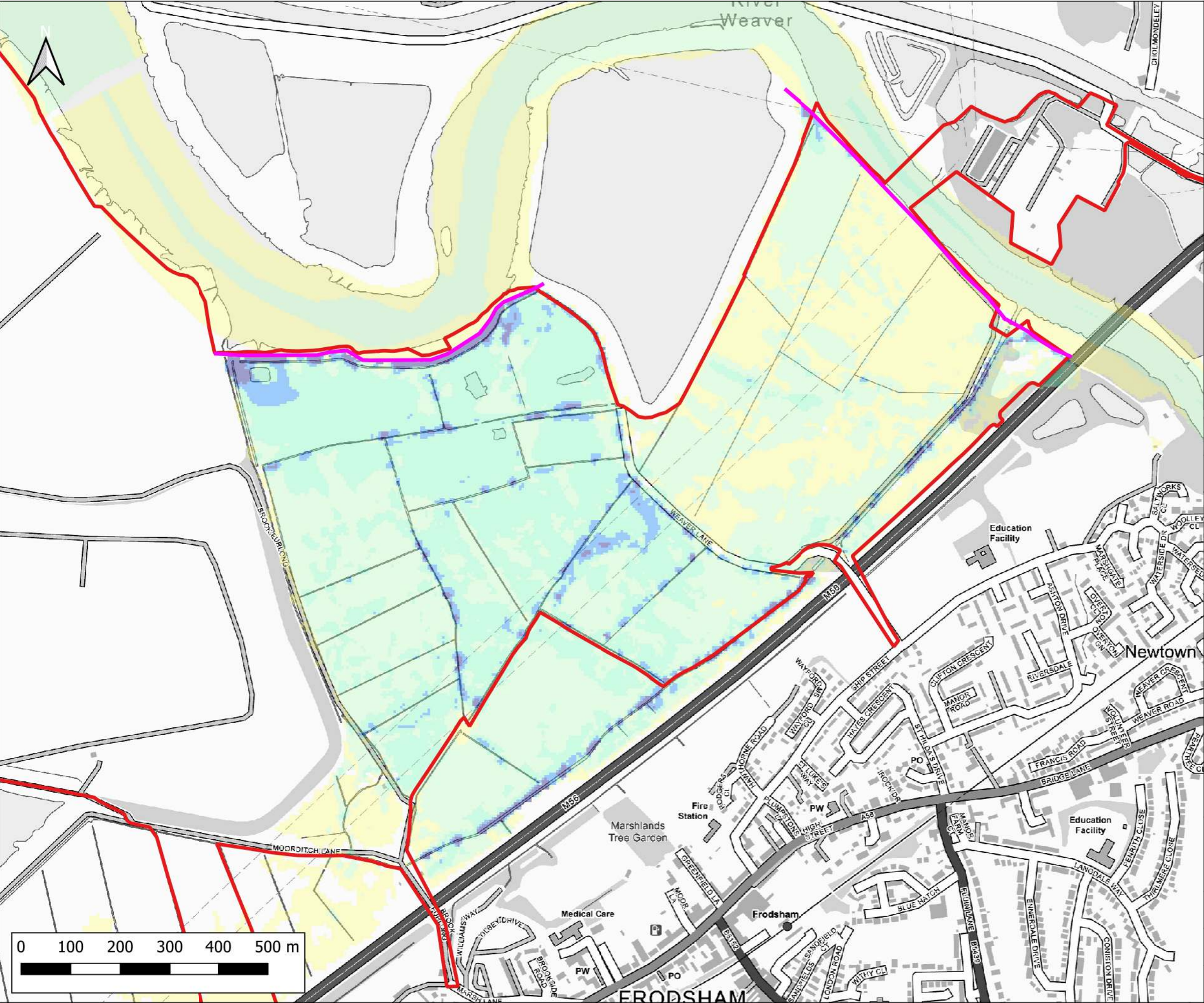
River Mersey Maximum Flood Velocity  
0.5% AEP Tidal Event  
2024 Higher Central  
Defended Proposed Development Scenario (DEV)

PLOT STATUS:		DATE:	
FINAL		30-04-2025	

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

PLOT NAME:	REVISION:
14740_MERS_T200HC_2024HC_DEV2_DEF_020_V_Max	-

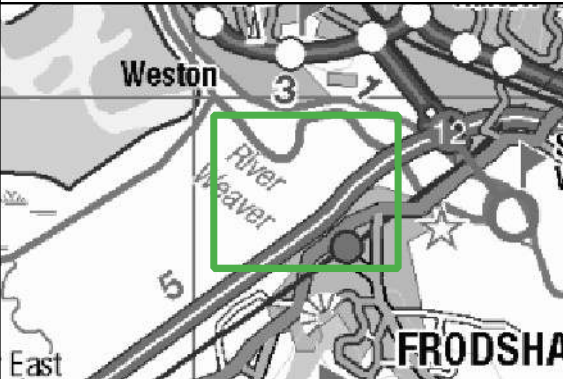




Notes:  
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

**LEGEND**

- Site Boundary
- River Weaver Flood Defences
- Maximum Flood Velocity (m/s)
  - 0.0 - 0.3
  - 0.3 - 0.6
  - 0.6 - 0.9
  - 0.9 - 1.2
  - > 1.2



Frodsham Solar Ltd



Frodsham Solar

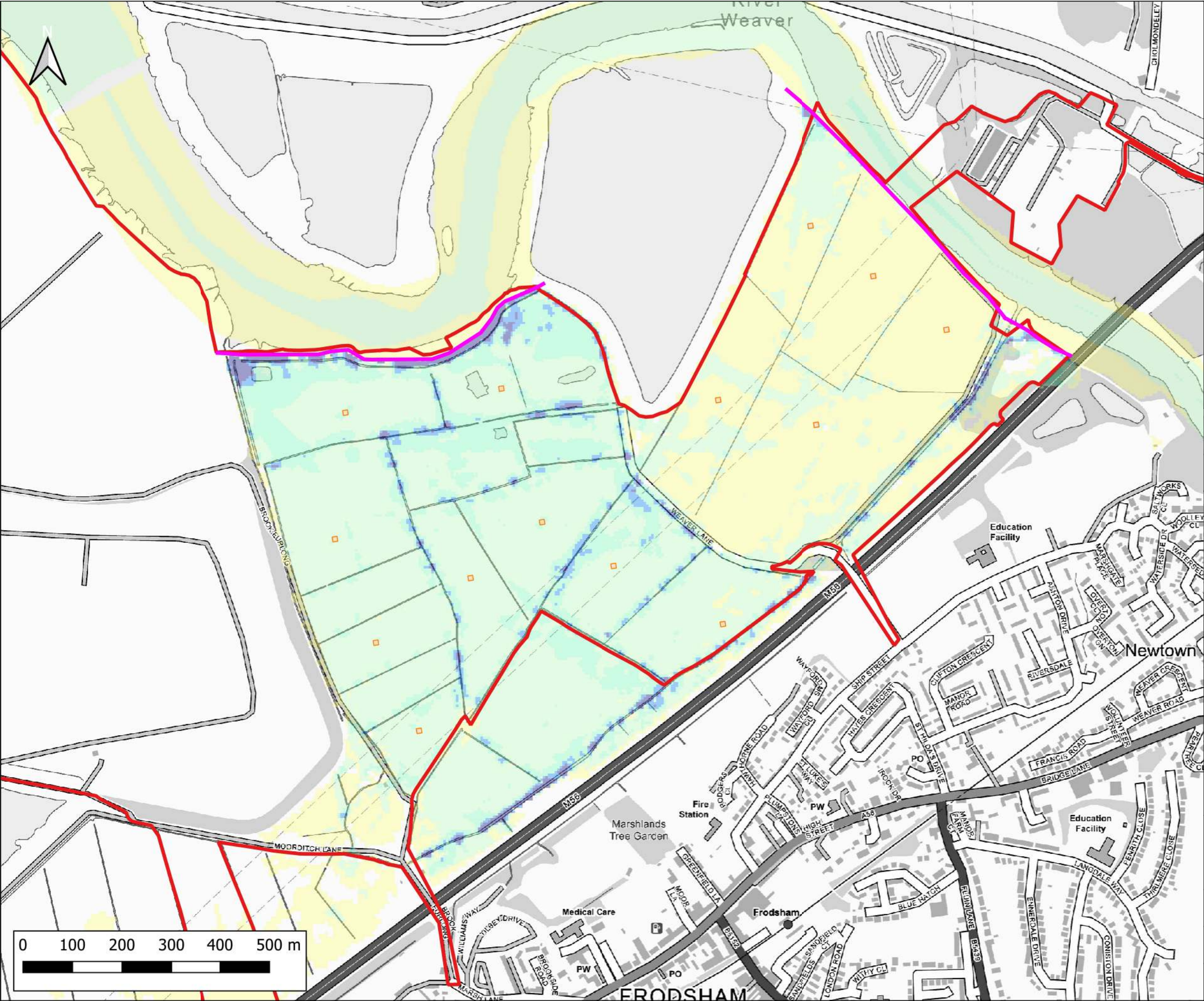
PLOT TITLE:  
River Mersey Maximum Flood Velocity  
0.5% AEP Tidal Event  
2075 Higher Central  
Defended Existing Scenario (EXG)

PLOT STATUS: FINAL DATE: 30-04-2025

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

PLOT NAME: 14740\_MERS\_T200HC\_2075HC\_EXG\_DEF\_020\_V\_Max REVISION: -

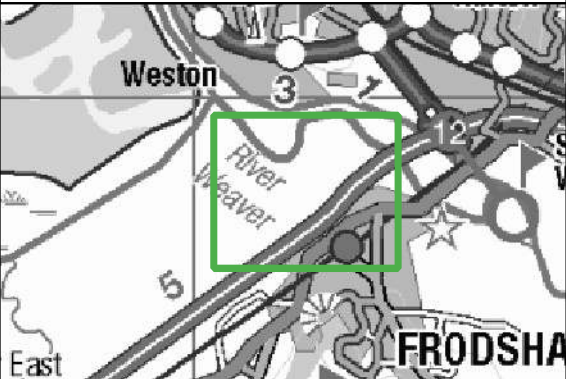




Notes:  
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

**LEGEND**

- Site Boundary
  - River Weaver Flood Defences
  - 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



Frodsham Solar Ltd



Frodsham Solar

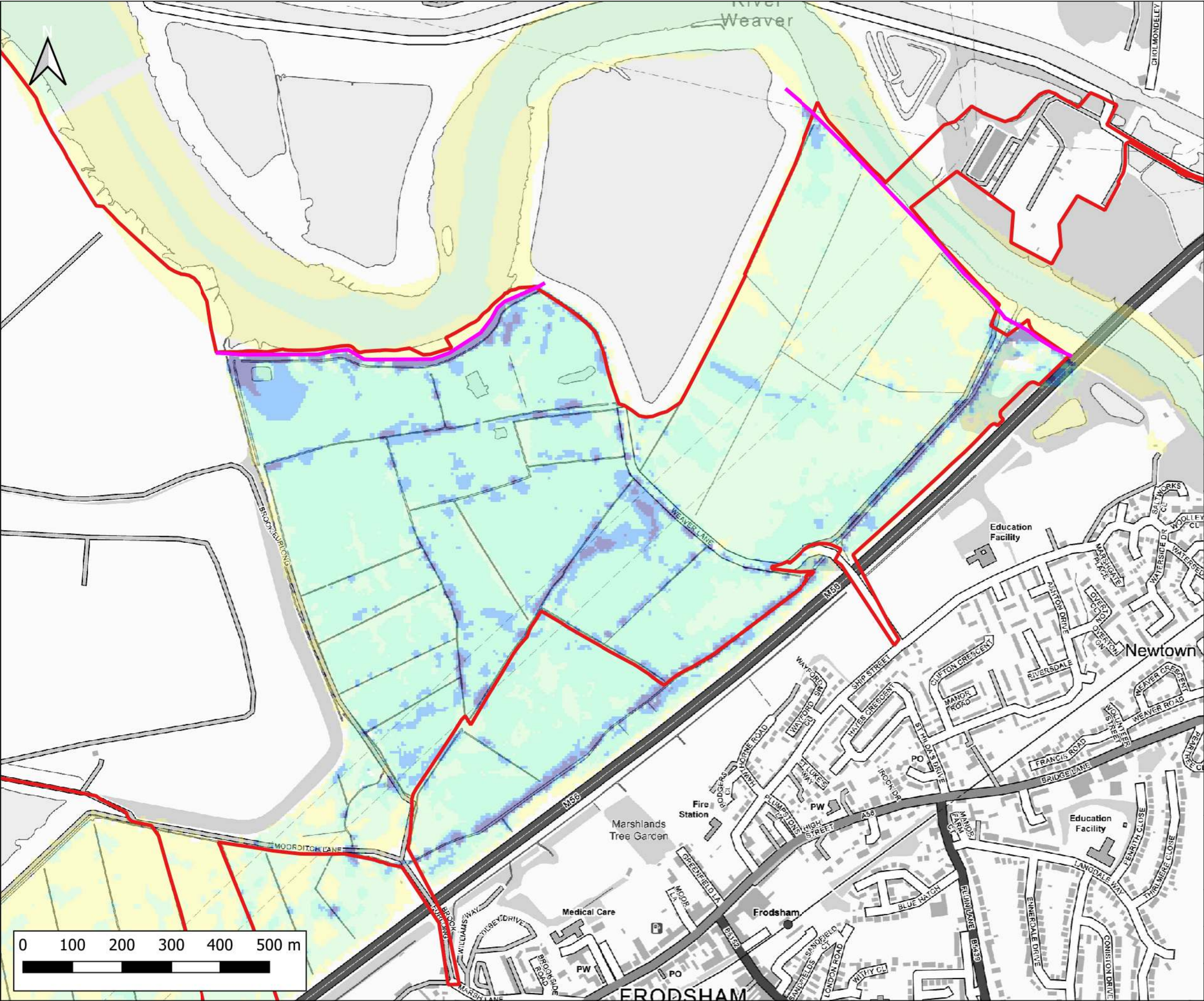
PLOT TITLE:  
River Mersey Maximum Flood Velocity  
0.5% AEP Tidal Event  
2075 Higher Central  
Defended Proposed Development Scenario (DEV)

PLOT STATUS: FINAL DATE: 30-04-2025

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

PLOT NAME: 14740\_MERS\_T200HC\_2075HC\_DEV2\_DEF\_020\_V\_Max REVISION: -





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

**LEGEND**

Site Boundary

River Weaver Flood Defences

Maximum Flood Velocity (m/s)

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

Weston

3

12

East

FRODSHAM

CLIENT:

Frodsham Solar Ltd

**waterco**

www.waterco.co.uk

SCHEME:

Frodsham Solar

PLOT TITLE:

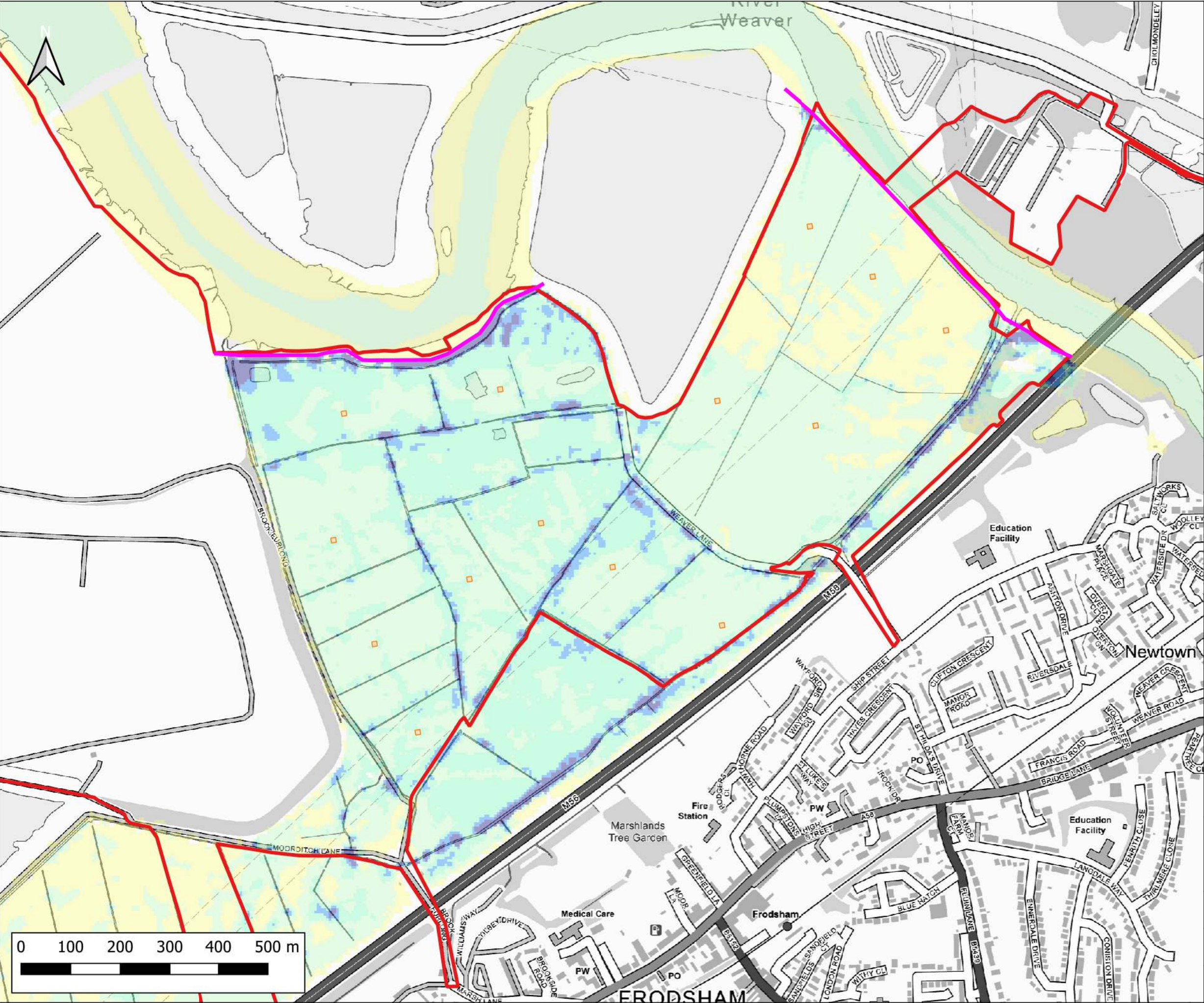
River Mersey Maximum Flood Velocity  
0.5% AEP Tidal Event  
2075 Upper End  
Defended Existing Scenario (EXG)

PLOT STATUS:		DATE:	
FINAL		30-04-2025	

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

PLOT NAME:		REVISION:
14740_MERS_T200HC_2075UE_EXG_DEF_020_V_Max		-





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

**LEGEND**

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

Maximum Flood Velocity (m/s)

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

CLIENT:

Frodsham Solar Ltd

www.waterco.co.uk

SCHEME:

Frodsham Solar

PLOT TITLE:

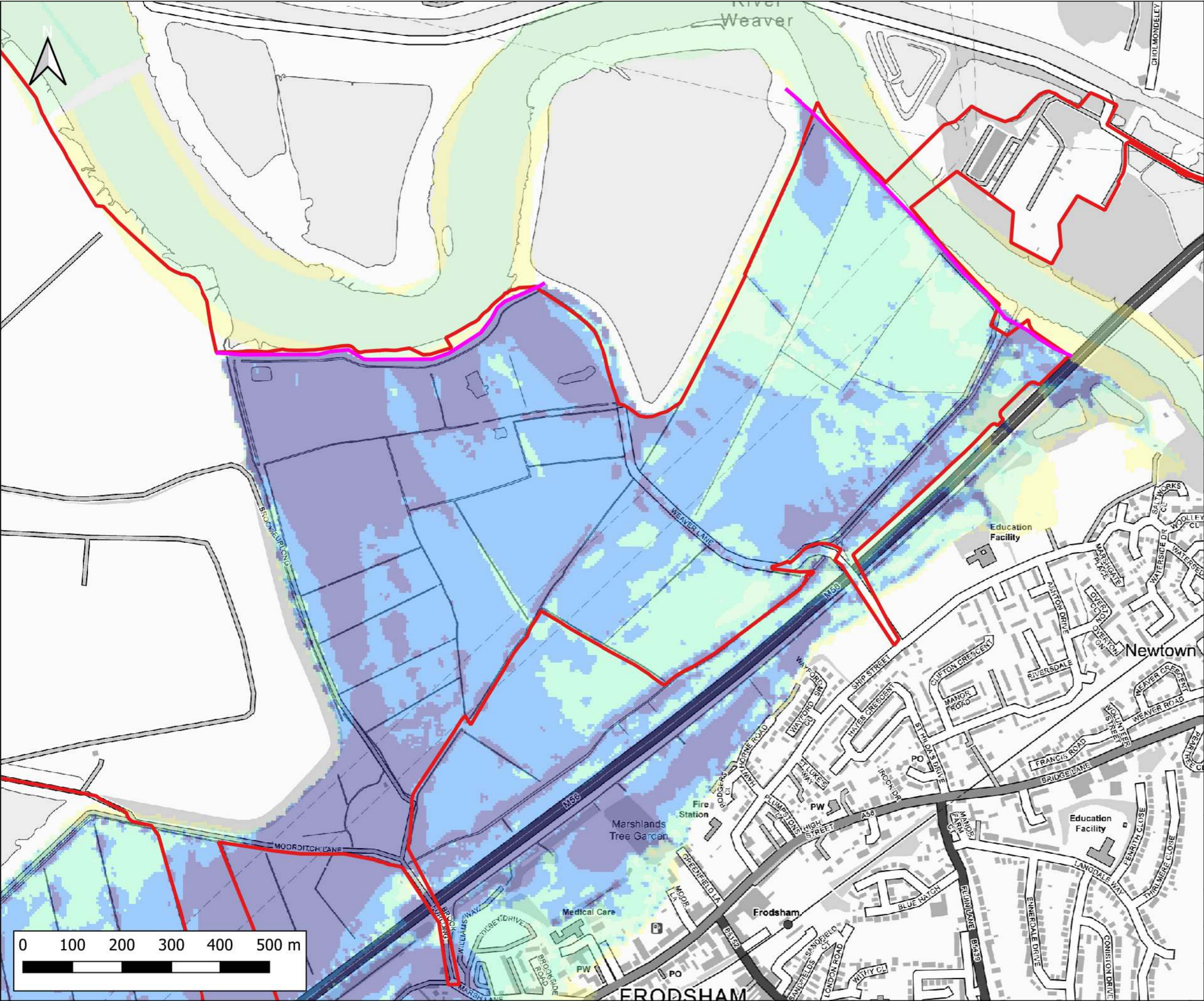
River Mersey Maximum Flood Velocity  
0.5% AEP Tidal Event  
2075 Upper End  
Defended Proposed Development Scenario (DEV)

PLOT STATUS:		DATE:	
FINAL		30-04-2025	

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

PLOT NAME:	REVISION:
14740_MERS_T200HC_2075UE_DEV2_DEF_020_V_Max	-





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

**LEGEND**

Site Boundary

River Weaver Flood Defences

Maximum Flood Velocity (m/s)

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

Weston

3

12

15

East

FRODSHAM

CLIENT:

Frodsham Solar Ltd

**waterco**

www.waterco.co.uk

SCHEME:

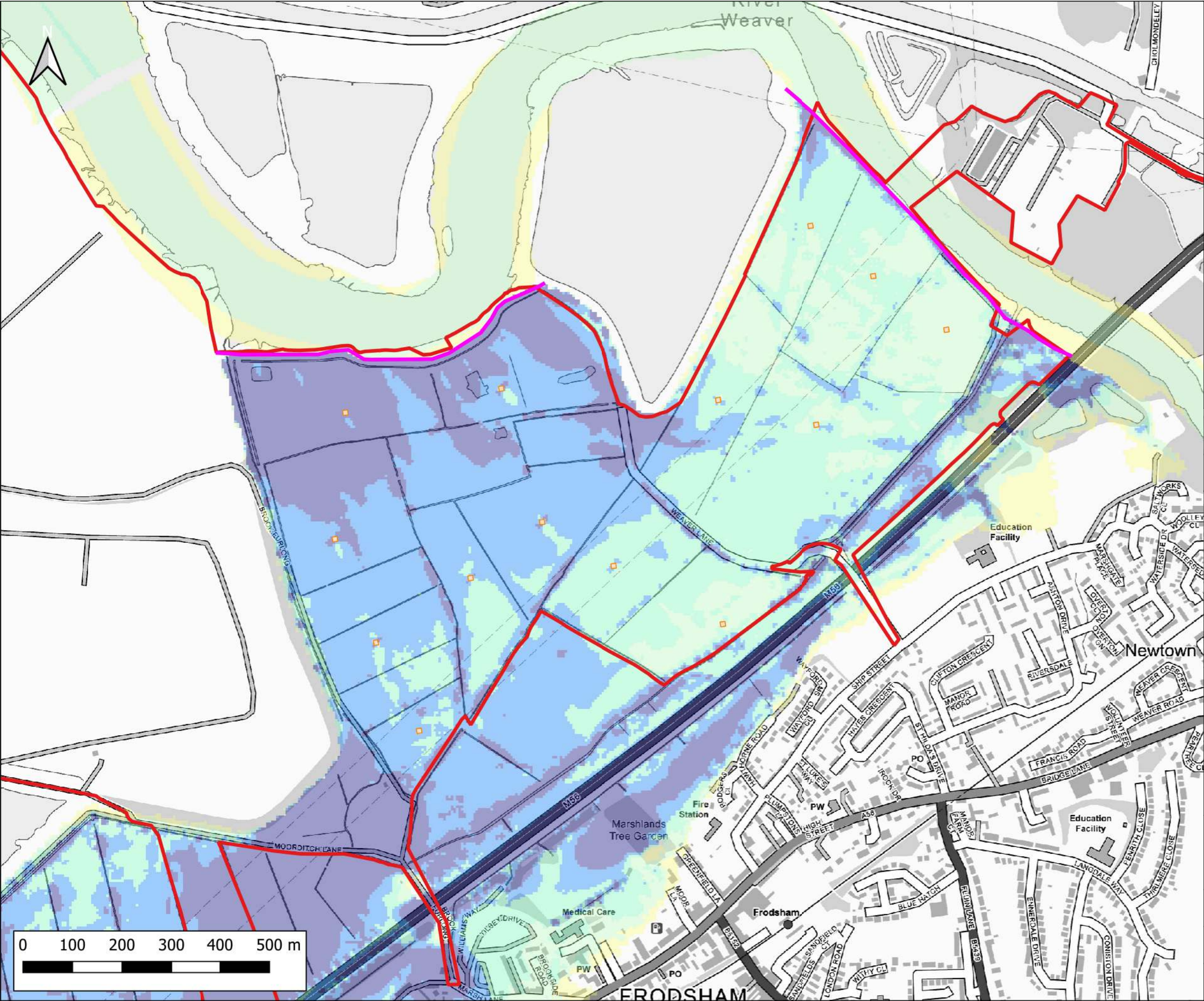
Frodsham Solar

PLOT TITLE:

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

PLOT STATUS:	FINAL	DATE:	30-04-2025
DRAWN:	MH	CHECKED:	AP
APPROVED:	LS	PLOT SCALE AT A3:	1:7500
PLOT NAME:	14740_MERS_T200HC_2100H++_EXG_DEF_020_V_Max		
REVISION:	-		





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

**LEGEND**

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

Maximum Flood Velocity (m/s)

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

CLIENT:

Frodsham Solar Ltd

www.waterco.co.uk

SCHEME:

Frodsham Solar

PLOT TITLE:

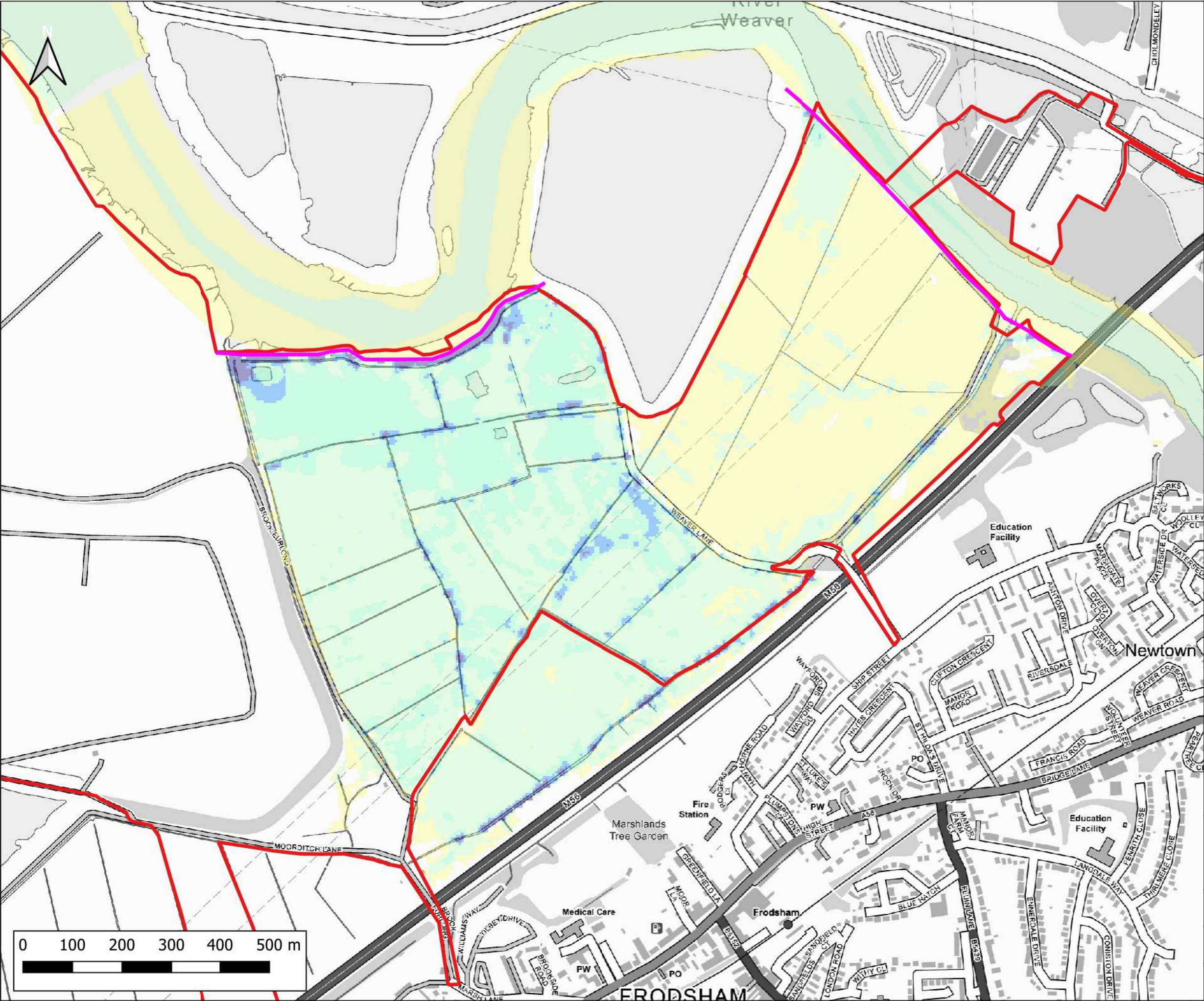
River Mersey Maximum Flood Velocity  
0.5% AEP Tidal Event  
H++  
Defended Proposed Development Scenario (DEV)

PLOT STATUS:		DATE:	
FINAL		30-04-2025	

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

PLOT NAME:	REVISION:
14740_MERS_T200HC_2100H++_DEV2_DEF_020_V_Max	-

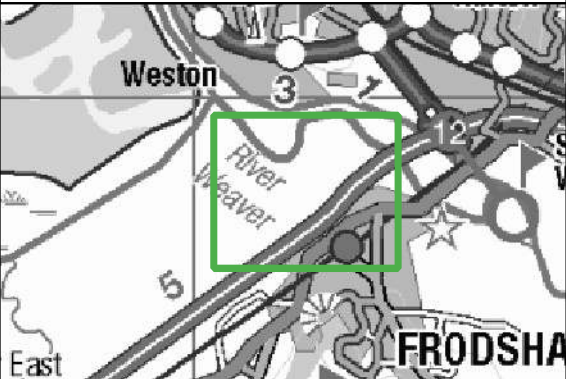




Notes:  
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

**LEGEND**

- Site Boundary
- River Weaver Flood Defences
- Maximum Flood Velocity (m/s)
  - 0.0 - 0.3
  - 0.3 - 0.6
  - 0.6 - 0.9
  - 0.9 - 1.2
  - > 1.2



Frodsham Solar Ltd



Frodsham Solar

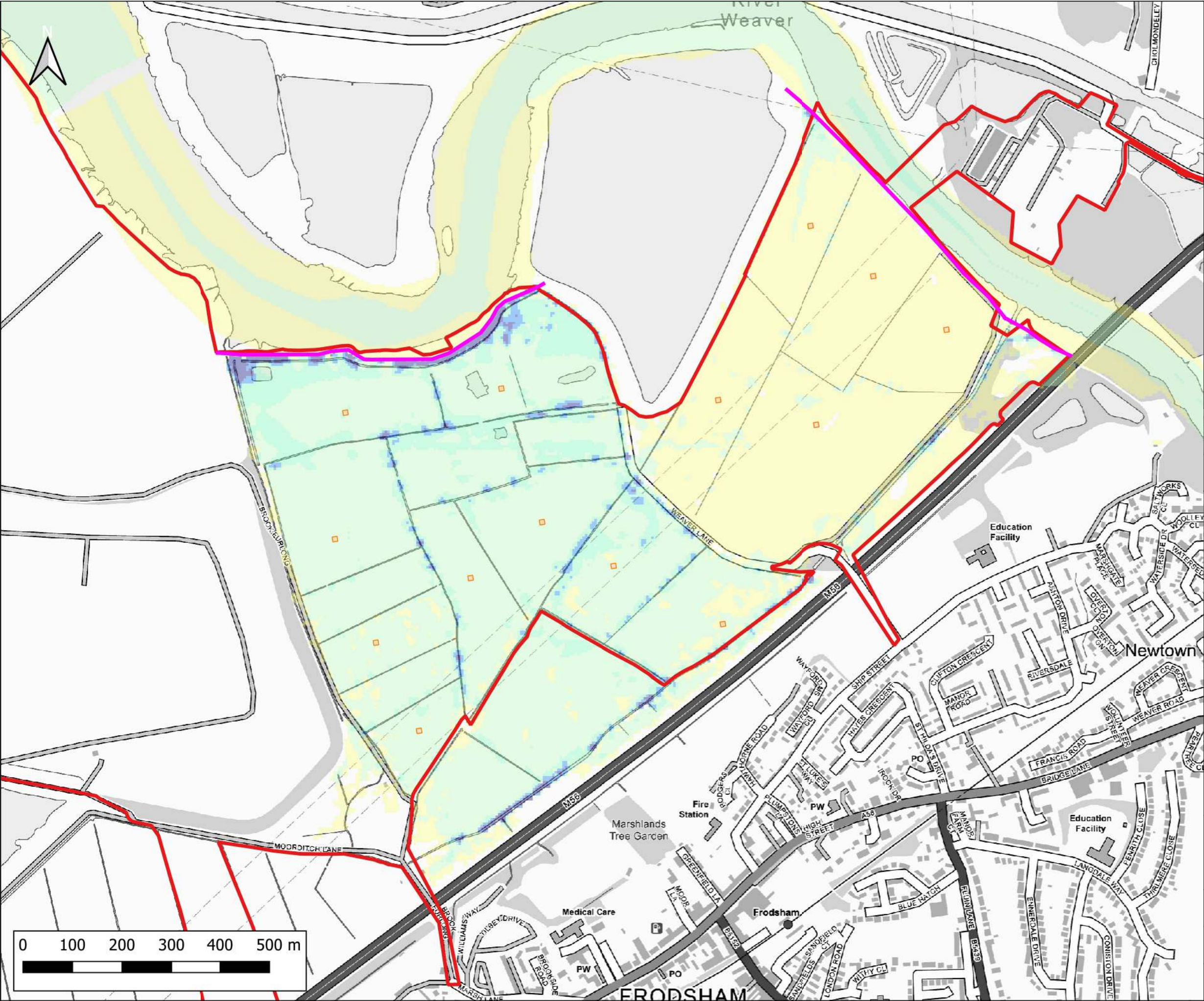
PLOT TITLE:  
River Mersey Maximum Flood Velocity  
0.1% AEP Tidal Event  
2024 Higher Central  
Defended Existing Scenario (EXG)

PLOT STATUS: FINAL DATE: 30-04-2025

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

PLOT NAME: 14740\_MERS\_T1000HC\_2024HC\_EXG\_DEF\_020\_V\_Max REVISION: -

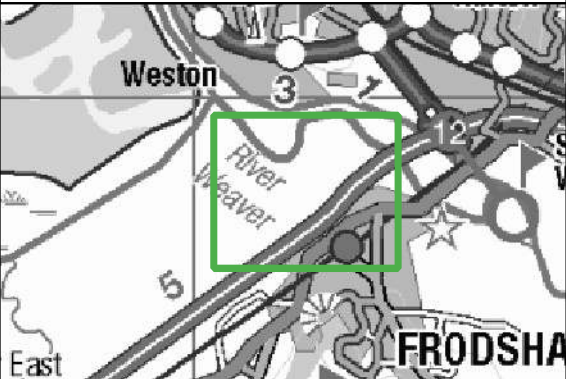




Notes:  
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

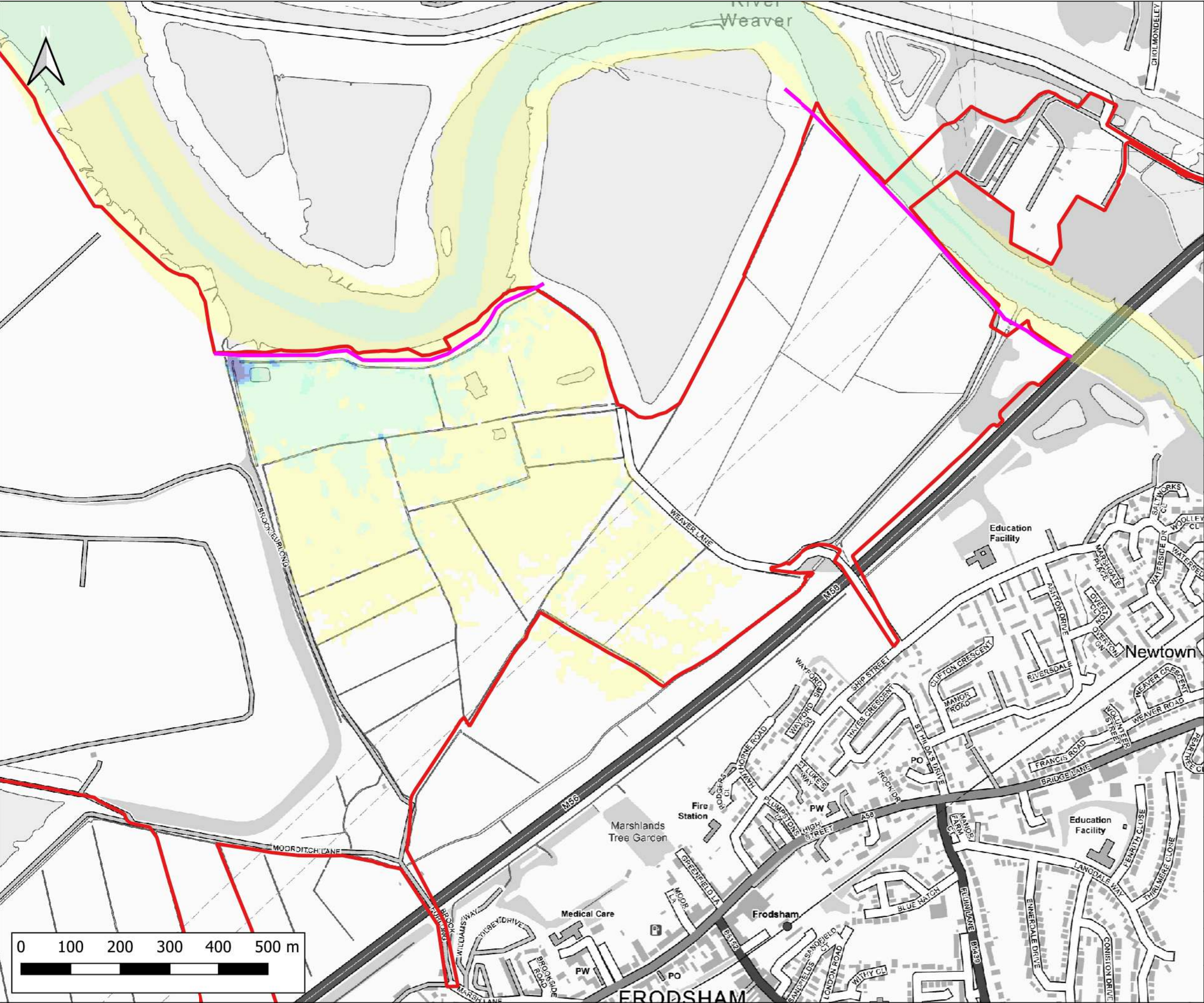
**LEGEND**

- Site Boundary
  - River Weaver Flood Defences
  - 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			
SCHEME:			
Frodsham Solar			
PLOT TITLE:			
River Mersey Maximum Flood Velocity 0.1% AEP Tidal Event 2024 Higher Central Defended Proposed Development Scenario (DEV)			
PLOT STATUS:			DATE:
FINAL			30-04-2025
DRAWN:	CHECKED:	APPROVED:	PLOT SCALE AT A3:
MH	AP	LS	1:7500
PLOT NAME:			REVISION:
14740_MERS_T1000HC_2024HC_DEV2_DEF_020_V_Max			-





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

**LEGEND**

Site Boundary

River Weaver Flood Defences

Maximum Flood Velocity (m/s)

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

Weston

3

12

East

FRODSHAM

CLIENT:

Frodsham Solar Ltd

**waterco**

www.waterco.co.uk

SCHEME:

Frodsham Solar

PLOT TITLE:

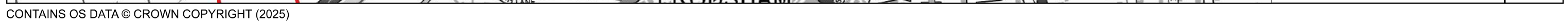
River Mersey Maximum Flood Velocity  
0.5% AEP Tidal Event  
2024 Higher Central  
Breach 1 Existing Scenario (EXG)

PLOT STATUS:		DATE:	
FINAL		30-04-2025	

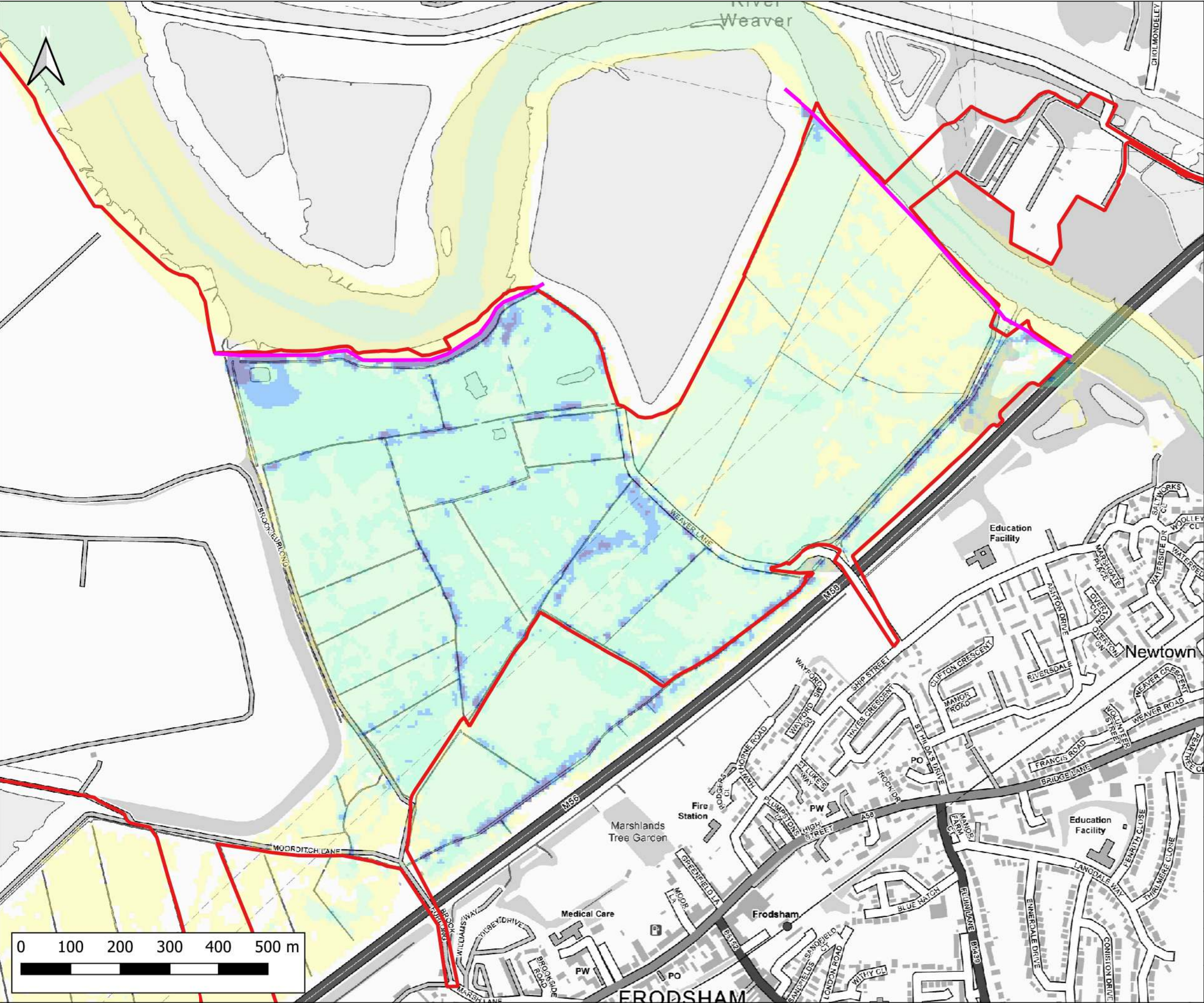
DRAWN:	CHECKED:	APPROVED:	PLOT SCALE AT A3:
MH	AP	LS	1:7500

PLOT NAME:			REVISION:
14740_MERS_T200HC_2024HC_EXG_BR1_020_V_Max			-





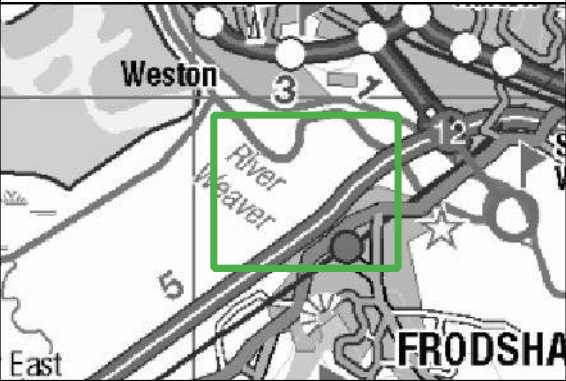




Notes:  
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

LEGEND

- Site Boundary
- River Weaver Flood Defences
- Maximum Flood Velocity (m/s)
  - 0.0 - 0.3
  - 0.3 - 0.6
  - 0.6 - 0.9
  - 0.9 - 1.2
  - > 1.2



Frodsham Solar Ltd



Frodsham Solar

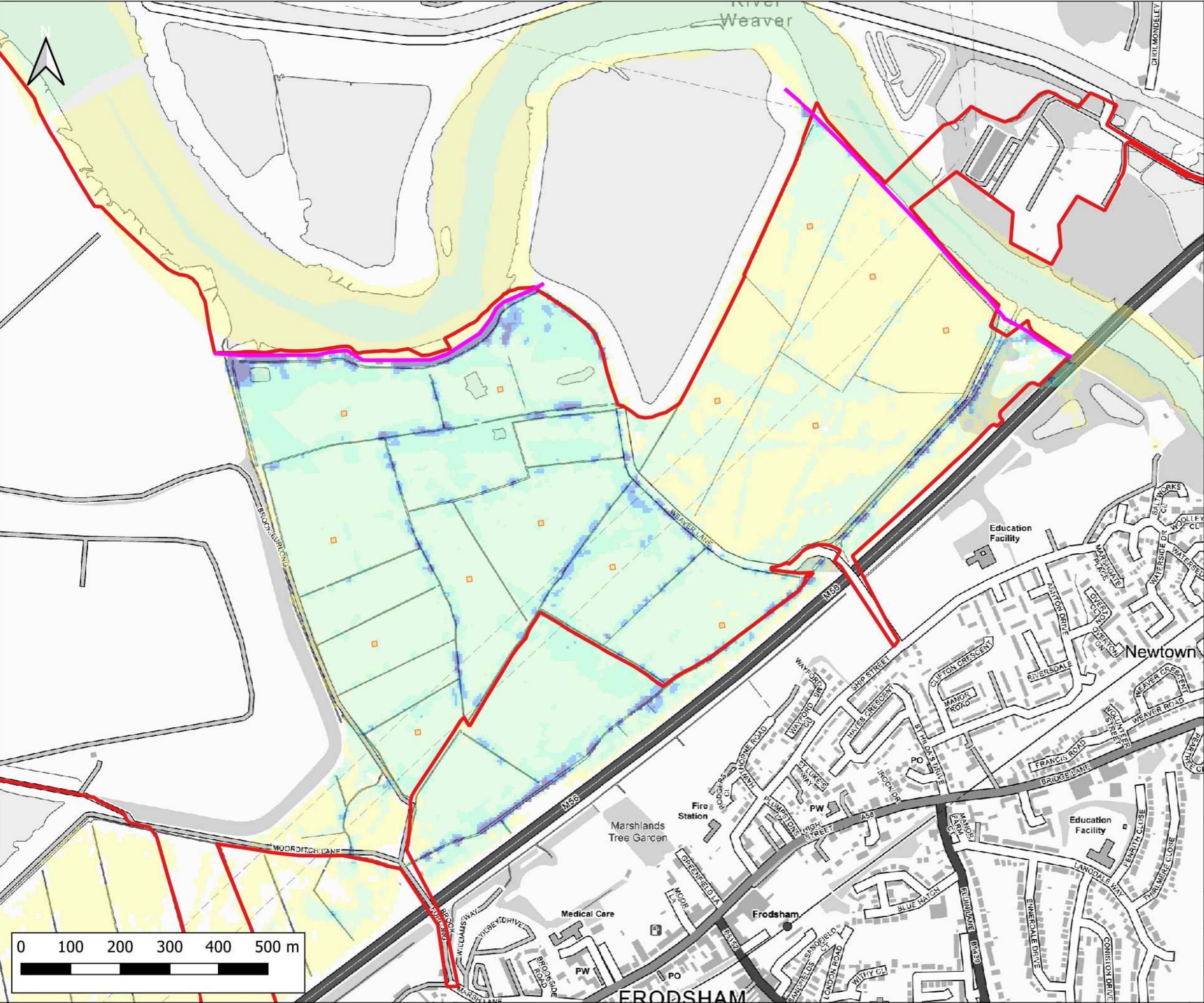
PLOT TITLE:  
River Mersey Maximum Flood Velocity  
0.5% AEP Tidal Event  
2075 Higher Central  
Breach 1 Existing Scenario (EXG)

PLOT STATUS: FINAL DATE: 30-04-2025

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

PLOT NAME: 14740\_MERS\_T200HC\_2075HC\_EXG\_BR1\_020\_V\_Max REVISION: -





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

**LEGEND**

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

Maximum Flood Velocity (m/s)

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

CLIENT:

Frodsham Solar Ltd

www.waterco.co.uk

SCHEME:

Frodsham Solar

PLOT TITLE:

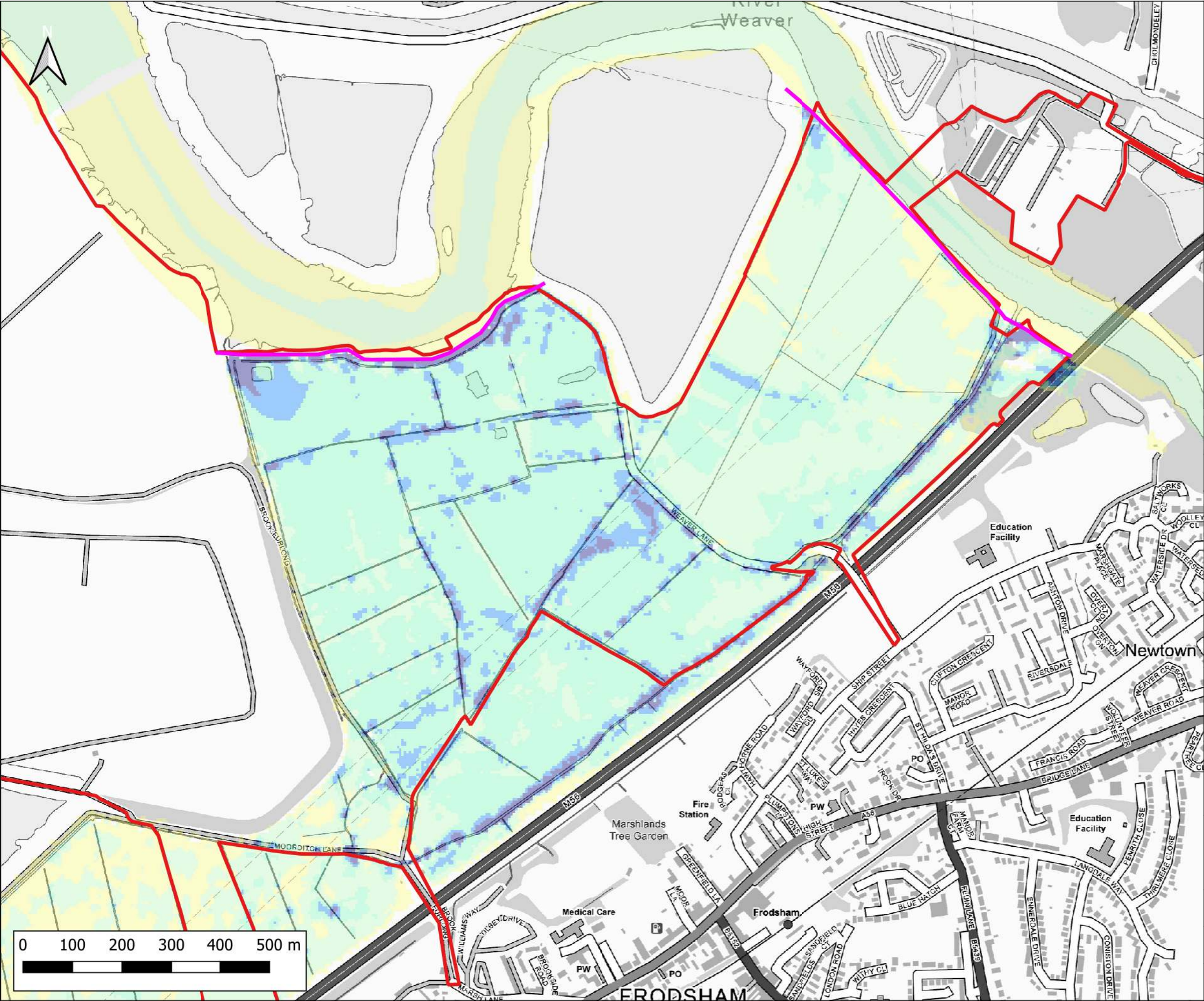
River Mersey Maximum Flood Velocity  
0.5% AEP Tidal Event  
2075 Higher Central  
Breach 1 Proposed Development Scenario (DEV)

PLOT STATUS:		DATE:	
FINAL		30-04-2025	

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

PLOT NAME:	REVISION:
14740_MERS_T200HC_2075HC_DEV2_BR1_020_V_Max	-

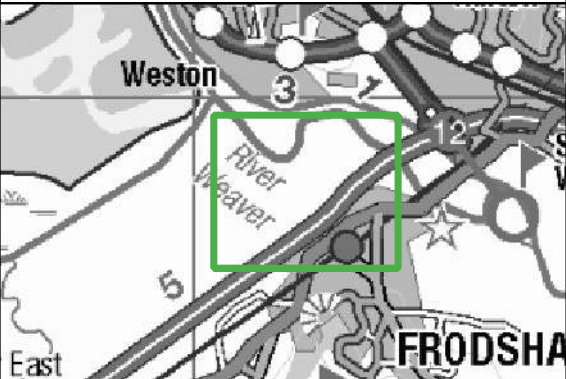




Notes:  
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

**LEGEND**

- Site Boundary
- River Weaver Flood Defences
- Maximum Flood Velocity (m/s)
  - 0.0 - 0.3
  - 0.3 - 0.6
  - 0.6 - 0.9
  - 0.9 - 1.2
  - > 1.2



Frodsham Solar Ltd



Frodsham Solar

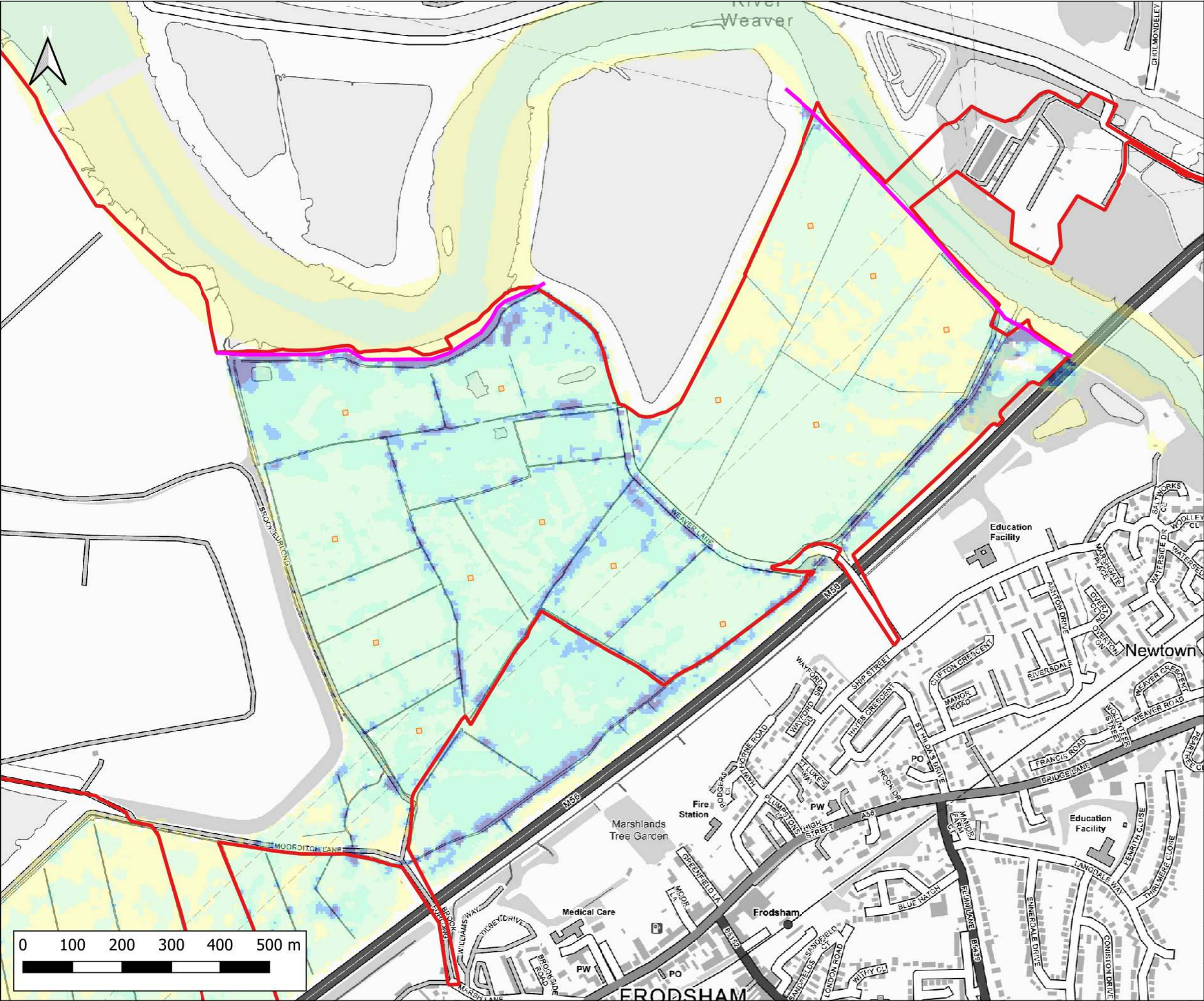
PLOT TITLE:  
River Mersey Maximum Flood Velocity  
0.5% AEP Tidal Event  
2075 Upper End  
Breach 1 Existing Scenario (EXG)

PLOT STATUS: FINAL DATE: 30-04-2025

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

PLOT NAME: 14740\_MERS\_T200HC\_2075UE\_EXG\_BR1\_020\_V\_Max REVISION: -

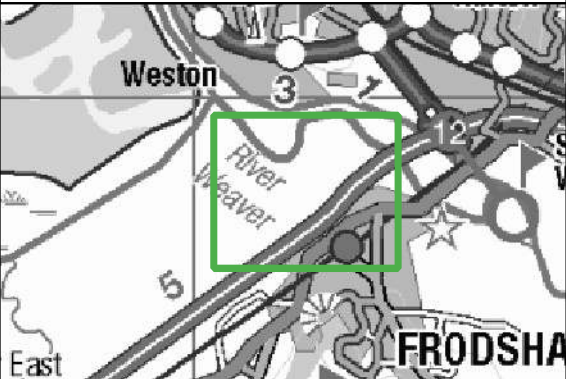




Notes:  
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

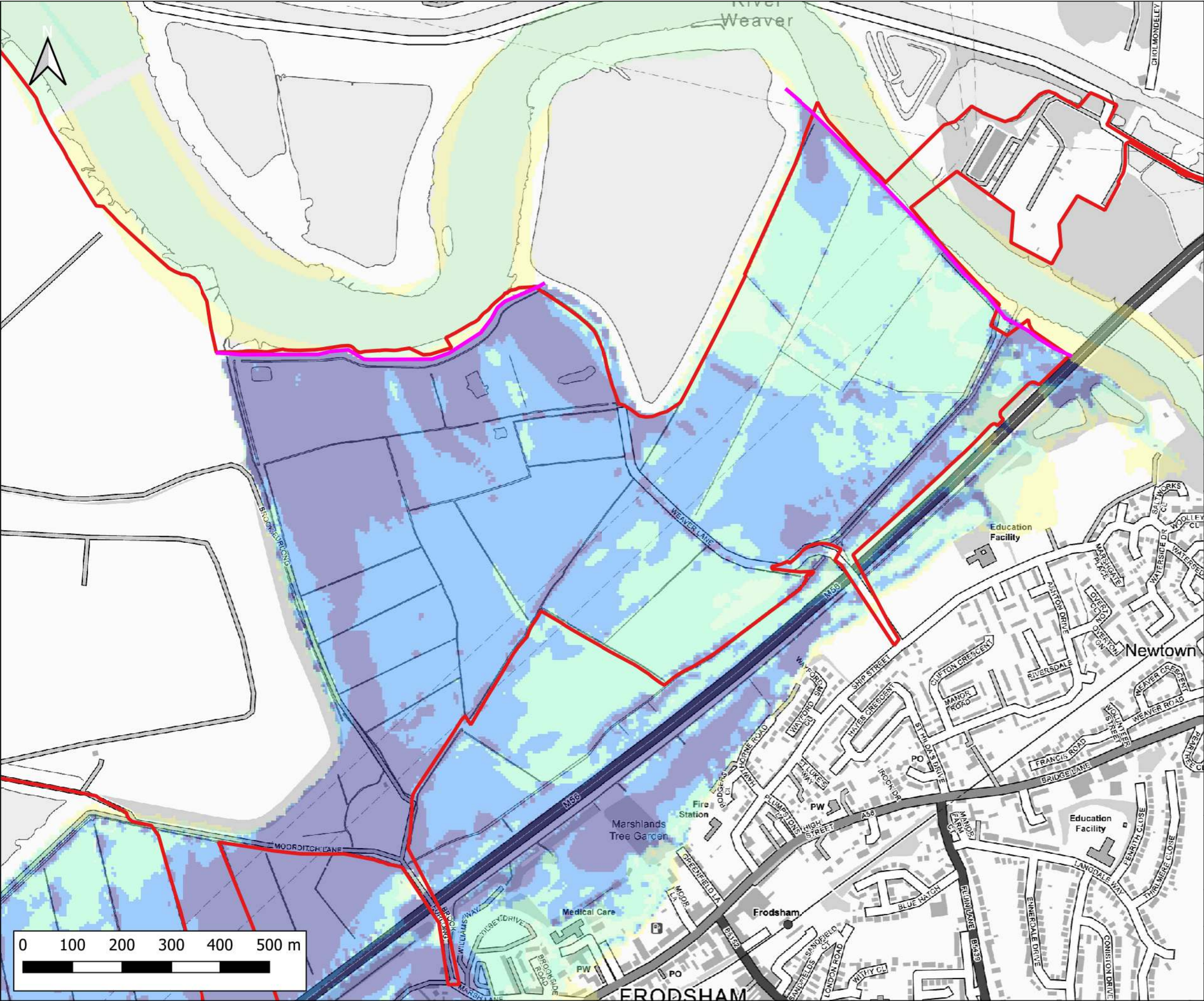
**LEGEND**

- Site Boundary
  - River Weaver Flood Defences
  - 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 Mersey Maximum Flood Velocity			
0.5% AEP Tidal Event			
2075 Upper End			
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_MERS_T200HC_2075UE_DEV2_BR1_020_V_Max			-





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

**LEGEND**

Site Boundary

River Weaver Flood Defences

Maximum Flood Velocity (m/s)

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

Weston

Frodsham

East

CLIENT:

Frodsham Solar Ltd

www.waterco.co.uk

SCHEME:

Frodsham Solar

PLOT TITLE:

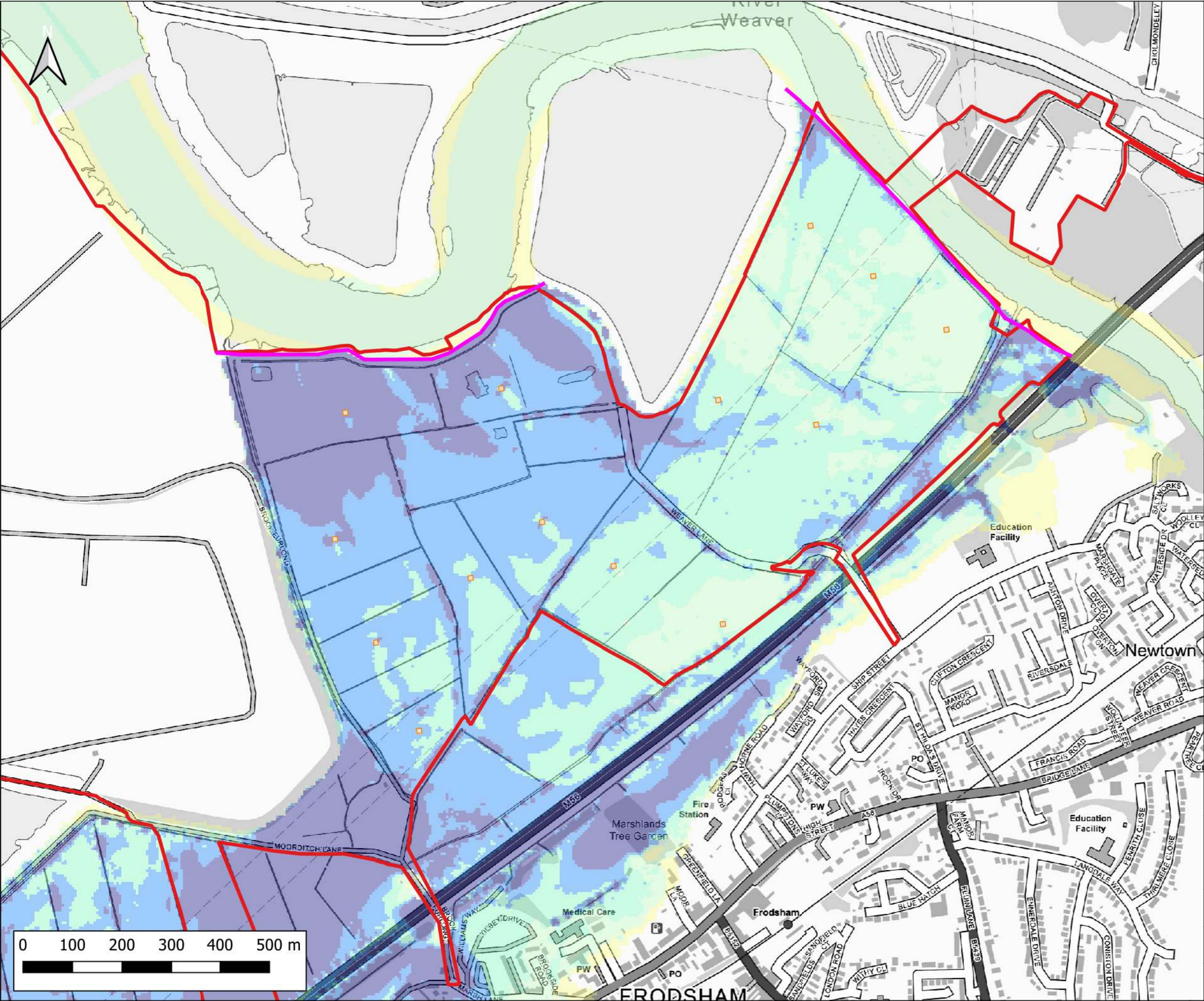
River Mersey Maximum Flood Velocity  
0.5% AEP Tidal Event  
H++  
Breach 1 Existing Scenario (EXG)

PLOT STATUS:		DATE:	
FINAL		30-04-2025	

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

PLOT NAME:	REVISION:
14740_MERS_T200HC_2100H++_EXG_BR1_020_V_Max	-

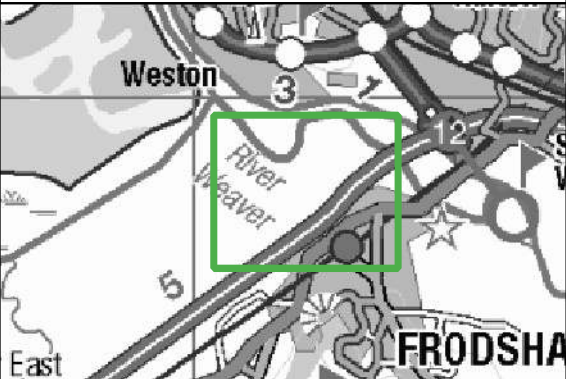




Notes:  
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

**LEGEND**

- Site Boundary
  - River Weaver Flood Defences
  - Proposed Volume Displacement
- Maximum Flood Velocity (m/s)
- 0.0 - 0.3
  - 0.3 - 0.6
  - 0.6 - 0.9
  - 0.9 - 1.2
  - > 1.2



Frodsham Solar Ltd



Frodsham Solar

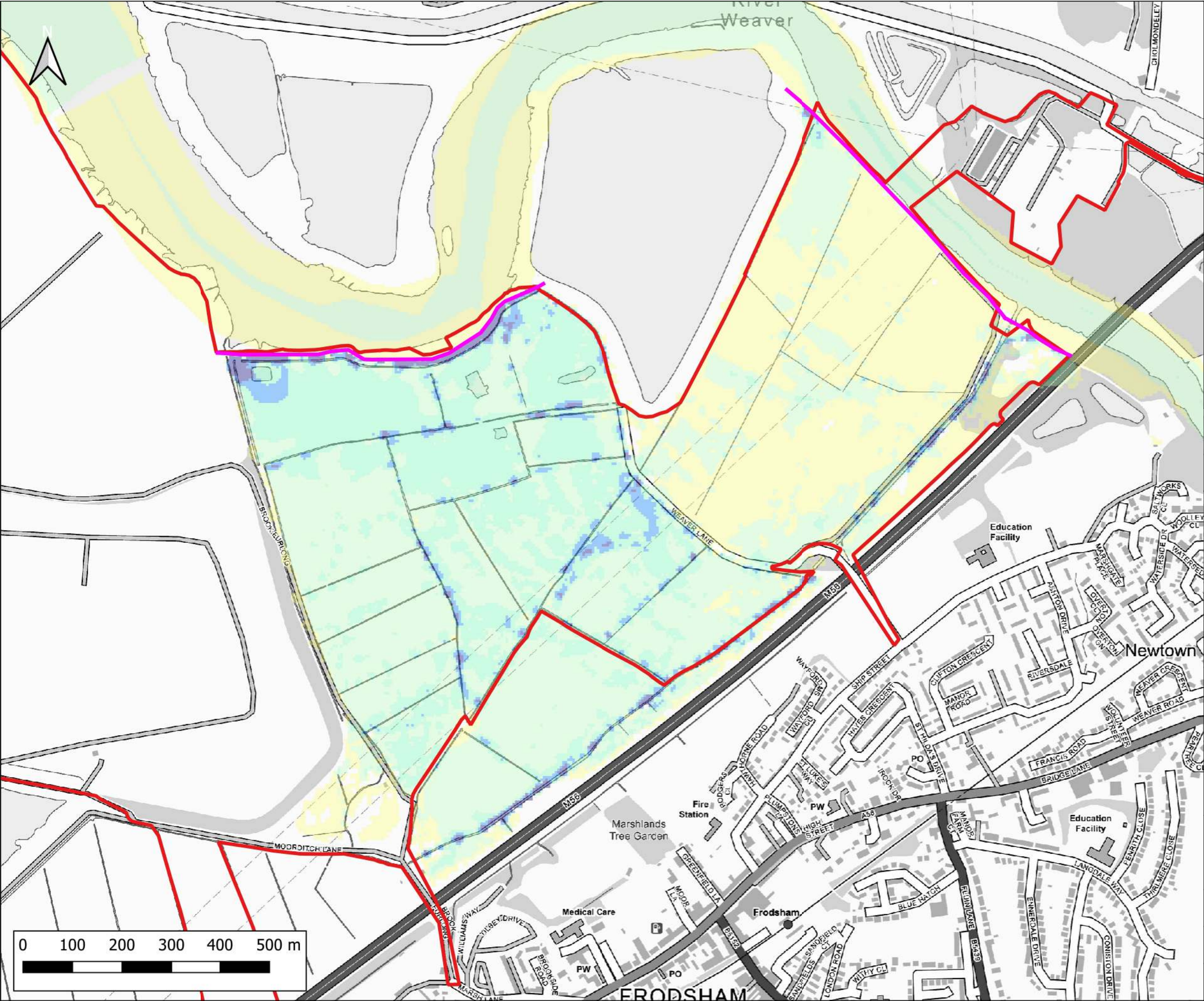
PLOT TITLE:  
River Mersey Maximum Flood Velocity  
0.5% AEP Tidal Event  
H++  
Breach 1 Proposed Development Scenario (DEV)

PLOT STATUS: FINAL DATE: 30-04-2025

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

PLOT NAME: 14740\_MERS\_T200HC\_2100H++\_DEV2\_BR1\_020\_V\_Max REVISION: -





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

**LEGEND**

Site Boundary

River Weaver Flood Defences

Maximum Flood Velocity (m/s)

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

CLIENT:

Frodsham Solar Ltd

www.waterco.co.uk

SCHEME:

Frodsham Solar

PLOT TITLE:

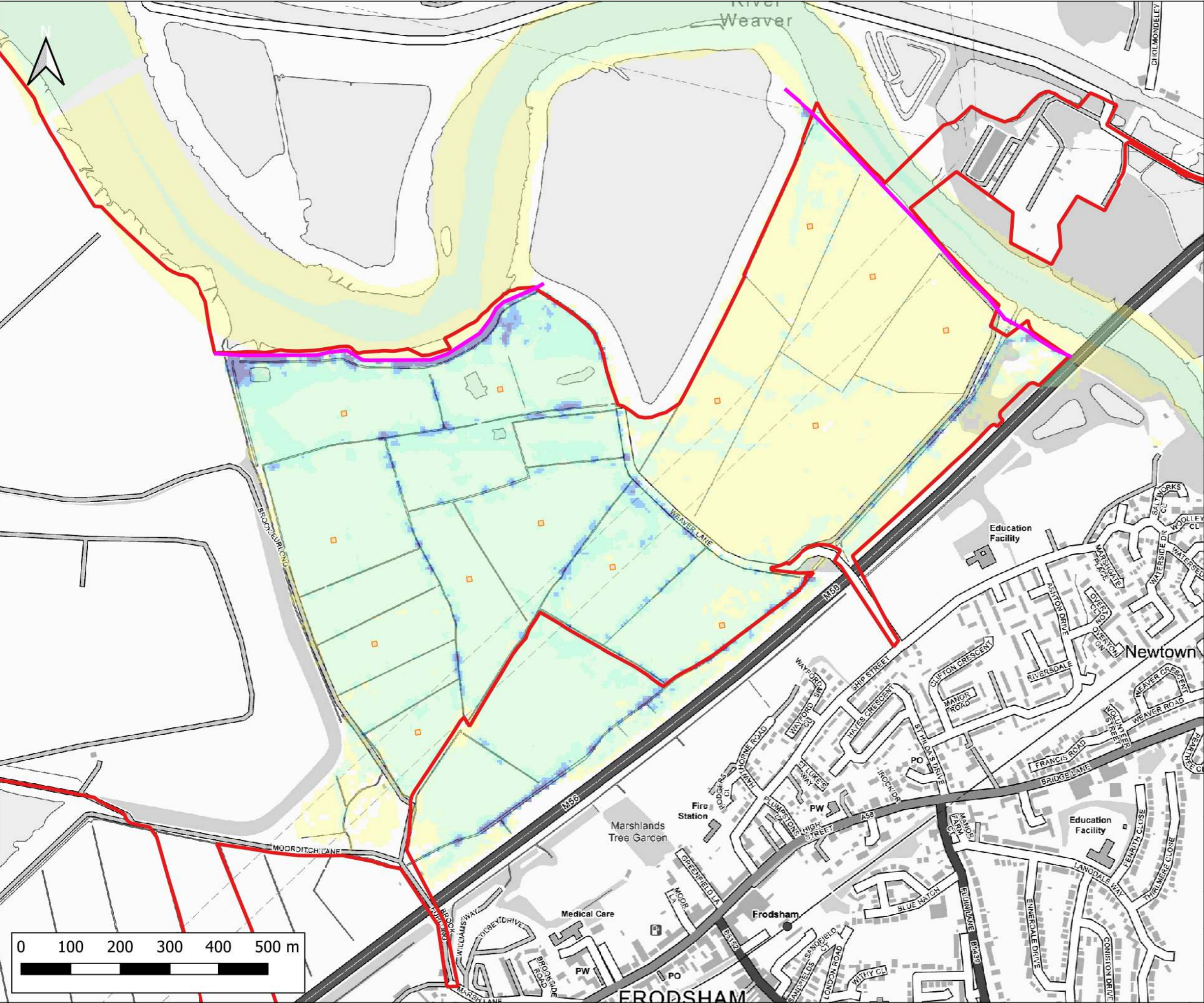
River Mersey Maximum Flood Velocity  
0.1% AEP Tidal Event  
2024 Higher Central  
Breach 1 Existing Scenario (EXG)

PLOT STATUS:		DATE:	
FINAL		30-04-2025	

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

PLOT NAME:	REVISION:
14740_MERS_T1000HC_2024HC_EXG_BR1_020_V_Max	-

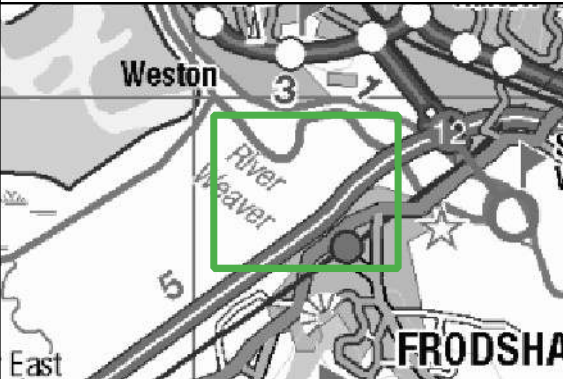





Notes:  
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

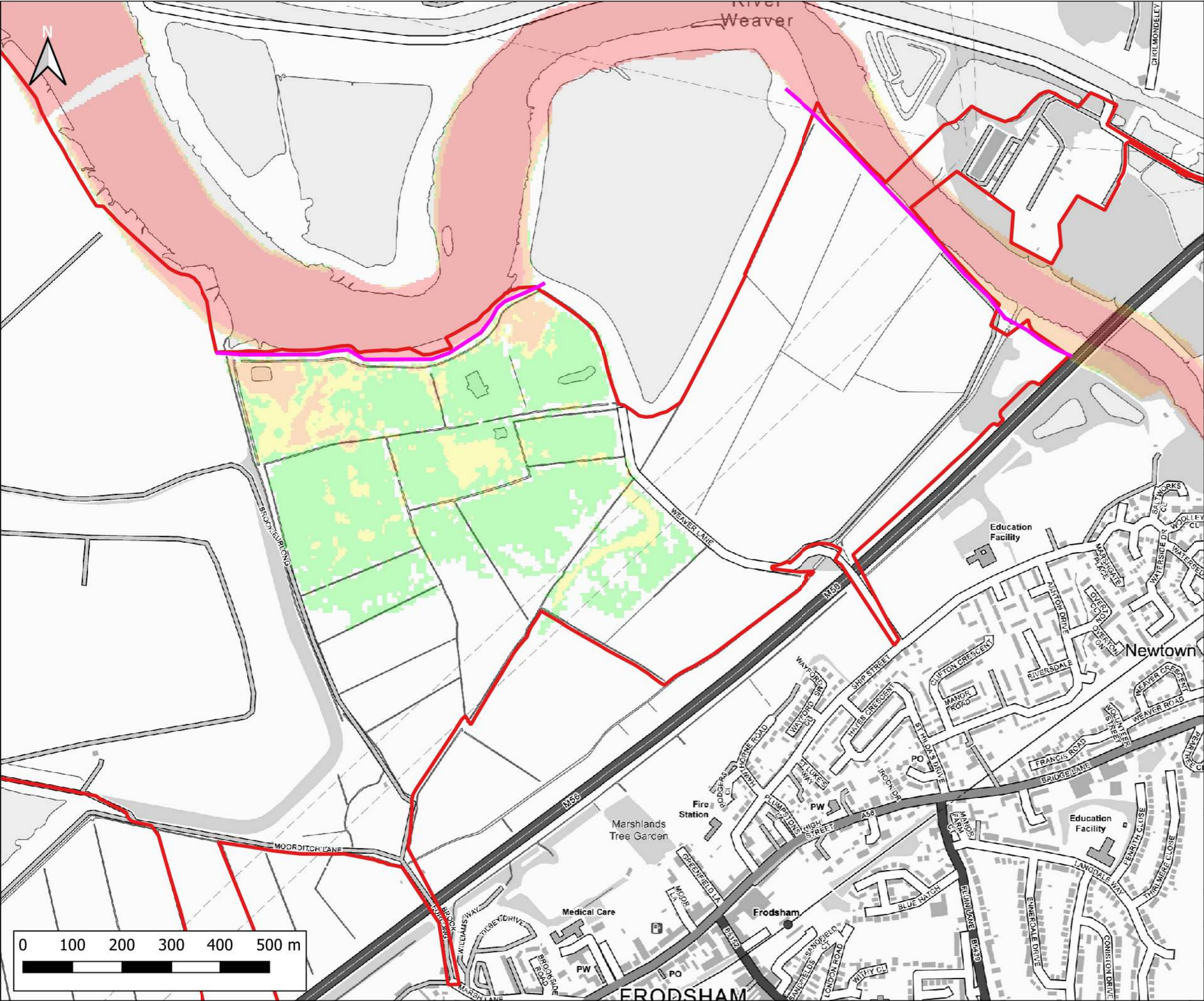
**LEGEND**

- Site Boundary
  - River Weaver Flood Defences
  - Proposed Volume Displacement
- 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	
<div> www.waterco.co.uk</div>			
SCHEME:		Frodsham Solar	
<div><div>PLOT TITLE:</div><div>River Mersey Maximum Flood Velocity 0.1% AEP Tidal Event 2024 Higher Central Breach 1 Proposed Development Scenario (DEV)</div></div>			
PLOT STATUS:		FINAL	<div>DATE: 30-04-2025</div>
DRAWN: MH	CHECKED: AP	APPROVED: LS	<div>PLOT SCALE AT A3: 1:7500</div>
<div>PLOT NAME: 14740_MERS_T1000HC_2024HC_DEV2_BR1_020_V_Max</div>			<div>REVISION: -</div>

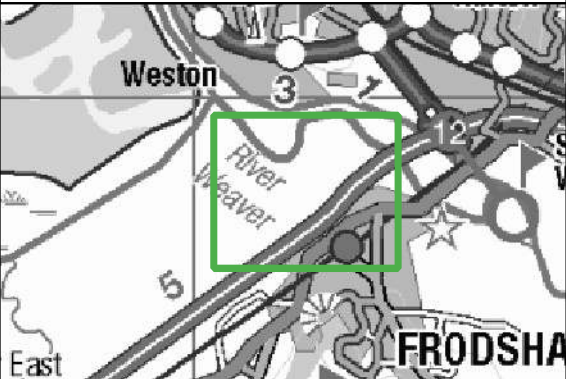




Notes:  
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

**LEGEND**

- Site Boundary
- River Weaver Flood Defences
- Maximum Flood Hazard Rating (FD2321)
  - Caution
  - Danger for Some
  - Danger for Most
  - Danger for All



Frodsham Solar Ltd



Frodsham Solar

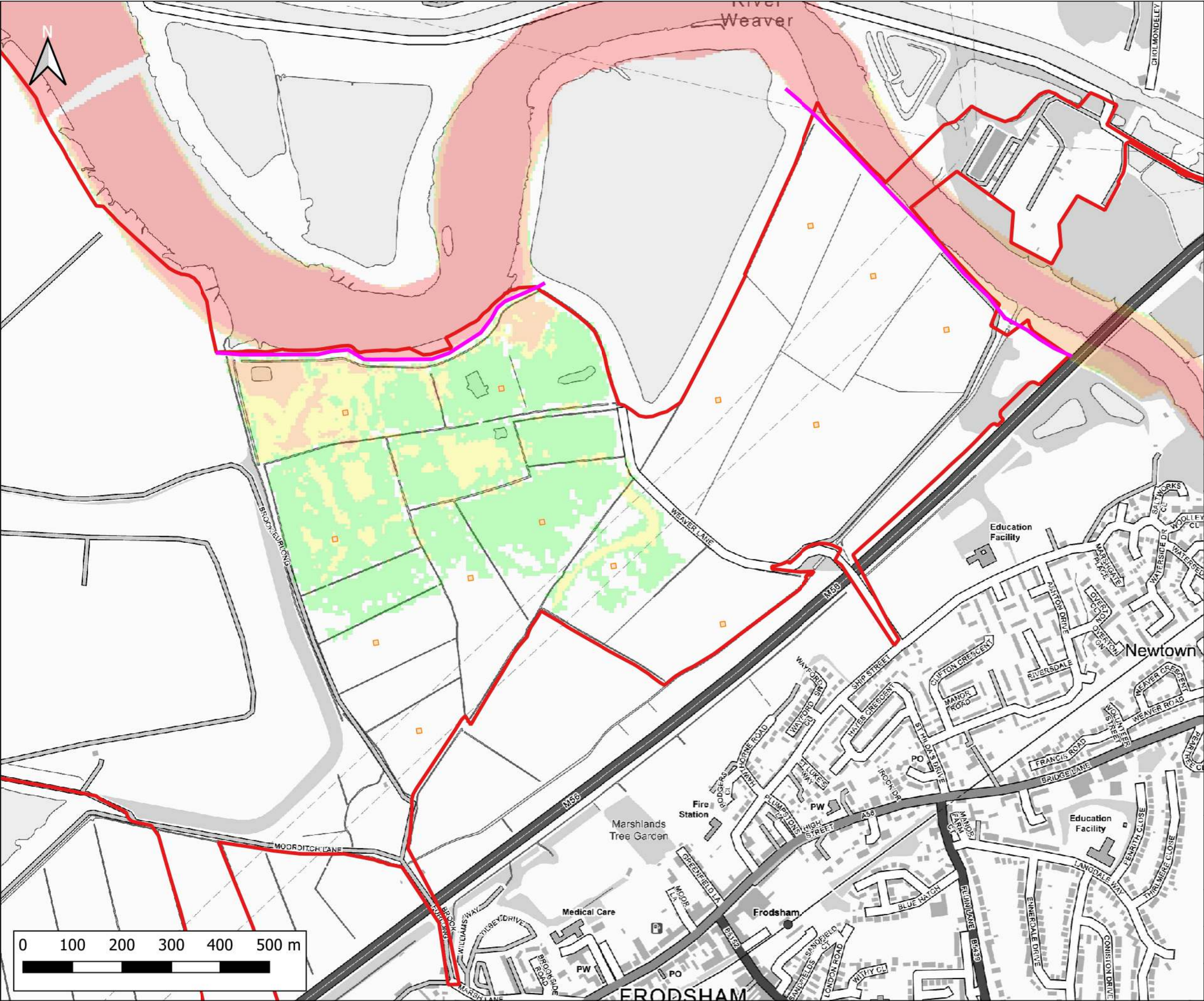
PLOT TITLE:  
River Mersey Maximum Flood Hazard Rating  
0.5% AEP Tidal Event  
2024 Higher Central  
Defended Existing Scenario (EXG)

PLOT STATUS: FINAL DATE: 30-04-2025

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

PLOT NAME: 14740\_MERS\_T200HC\_2024HC\_EXG\_DEF\_020\_ZUK0\_Max REVISION: -





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

**LEGEND**

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

Maximum Flood Hazard Rating (FD2321)

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

CLIENT:

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SCHEME:

Frodsham Solar

PLOT TITLE:

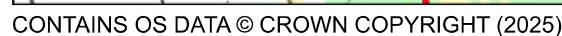
River Mersey Maximum Flood Hazard Rating  
0.5% AEP Tidal Event  
2024 Higher Central  
Defended Proposed Development Scenario (DEV)

PLOT STATUS:		DATE:	
FINAL		30-04-2025	

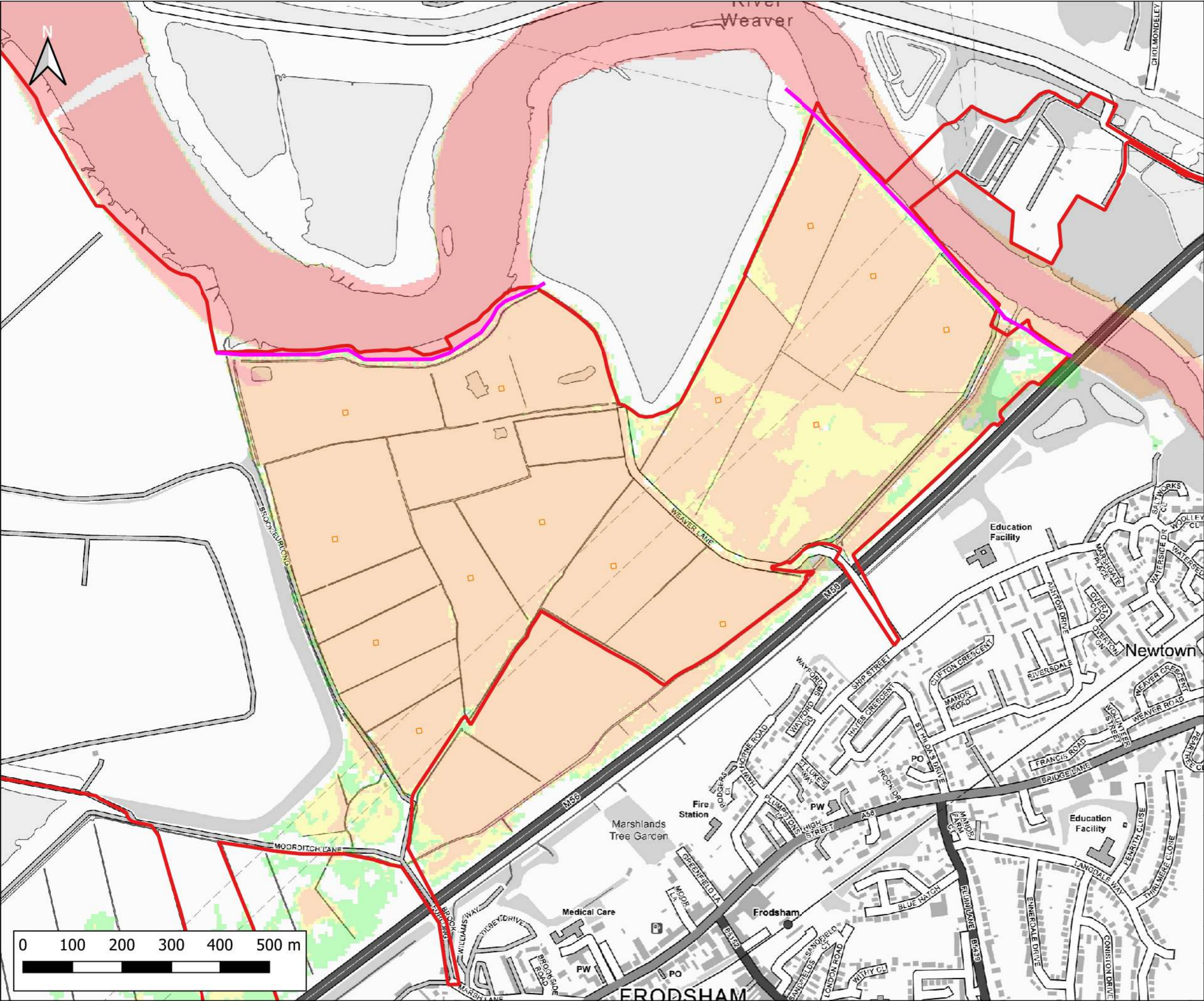
DRAWN:	CHECKED:	APPROVED:	PLOT SCALE AT A3:
MH	AP	LS	1:7500

PLOT NAME:	REVISION:
14740_MERS_T200HC_2024HC_DEV2_DEF_020_ZUKO_Max	-









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

**LEGEND**

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

Maximum Flood Hazard Rating (FD2321)

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

CLIENT:

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SCHEME:

Frodsham Solar

PLOT TITLE:

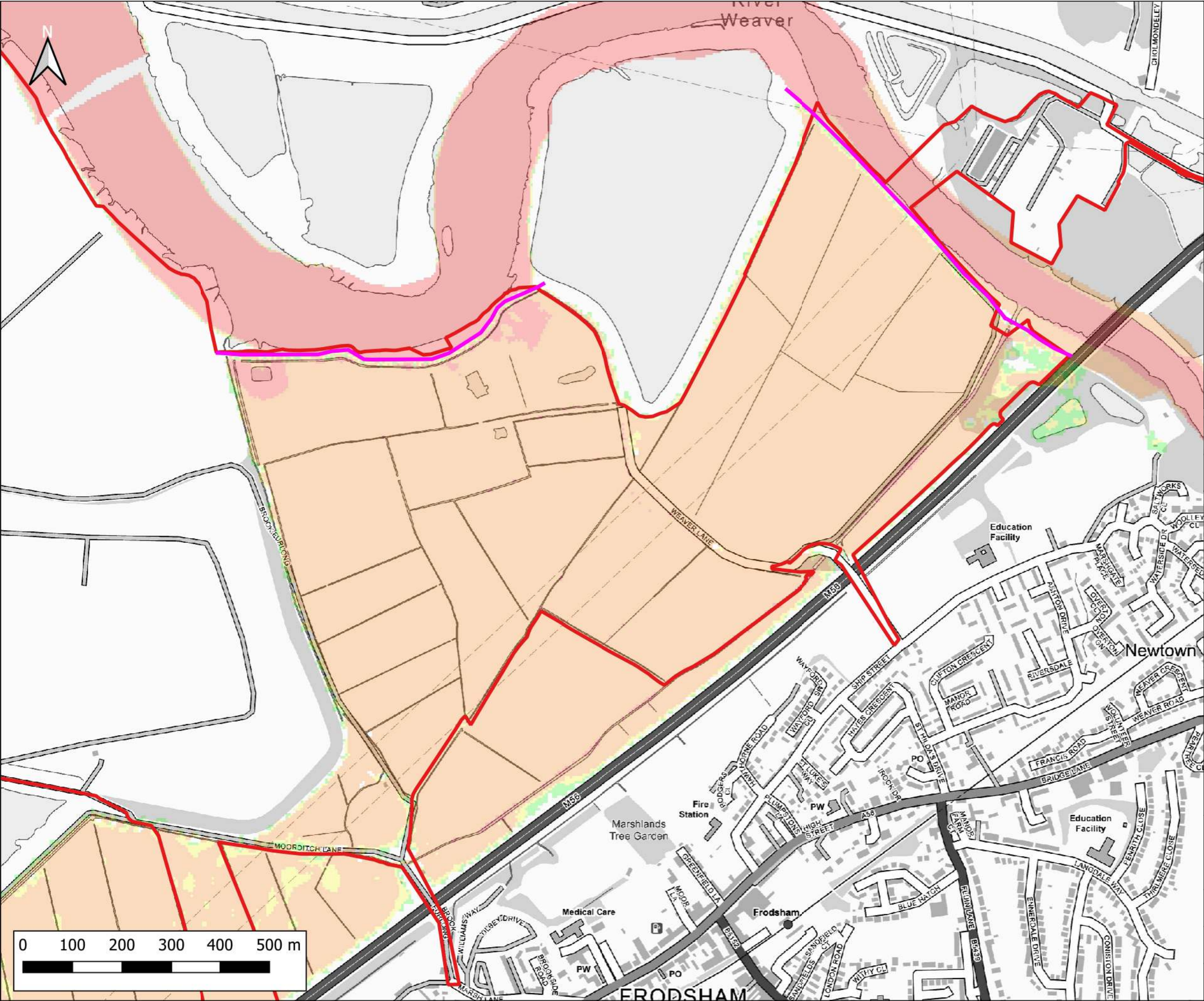
River Mersey Maximum Flood Hazard Rating  
0.5% AEP Tidal Event  
2075 Higher Central  
Defended Proposed Development Scenario (DEV)

PLOT STATUS:		DATE:	
FINAL		30-04-2025	

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

PLOT NAME:	REVISION:
14740_MERS_T200HC_2075HC_DEV2_DEF_020_ZUKO_Max	-





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

**LEGEND**

Site Boundary

River Weaver Flood Defences

Maximum Flood Hazard Rating (FD2321)

Caution

Danger for Some

Danger for Most

Danger for All

CLIENT:

Frodsham Solar Ltd

www.waterco.co.uk

SCHEME:

Frodsham Solar

PLOT TITLE:

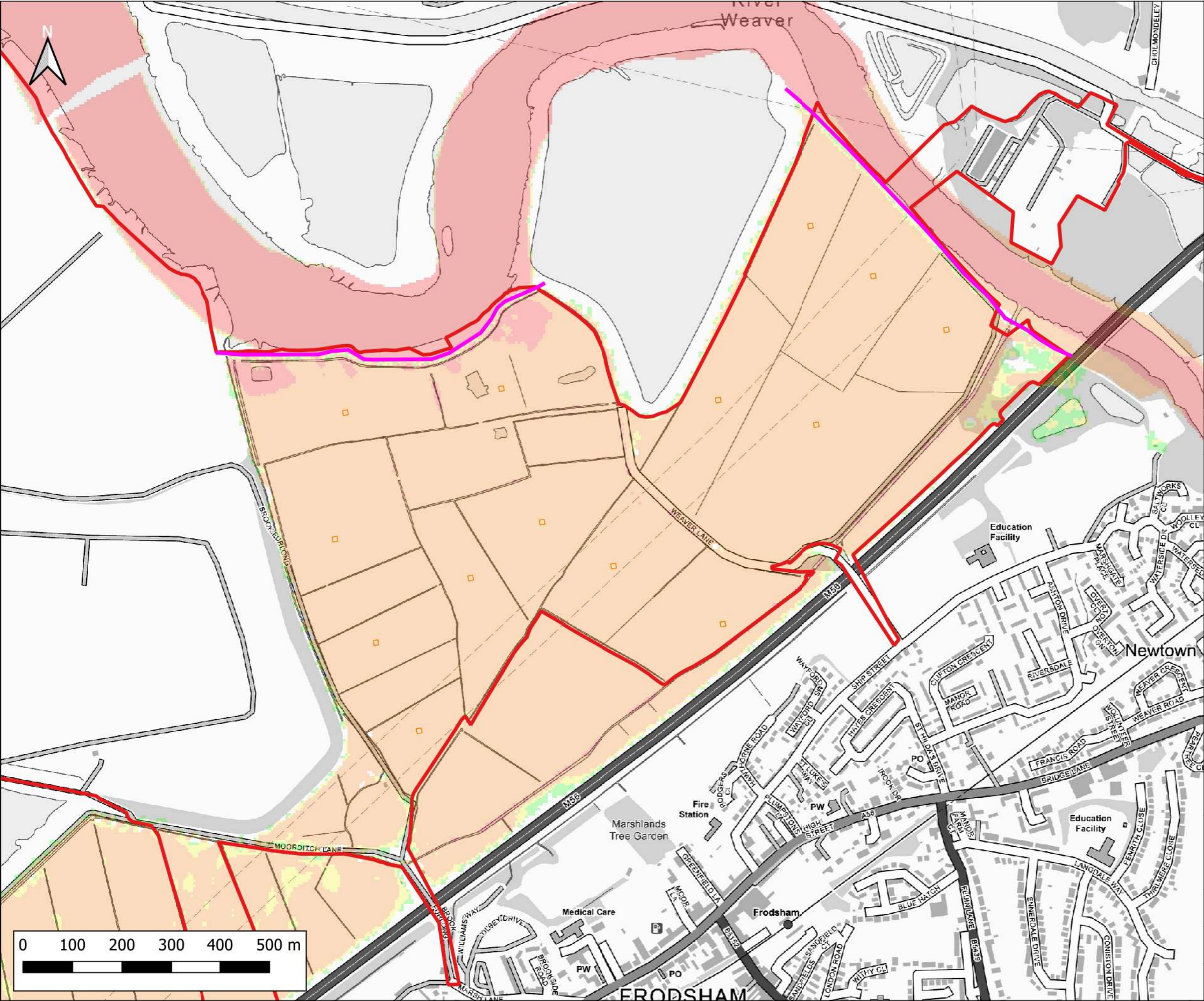
River Mersey Maximum Flood Hazard Rating  
0.5% AEP Tidal Event  
2075 Upper End  
Defended Existing Scenario (EXG)

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

PLOT NAME:		REVISION:
14740_MERS_T200HC_2075UE_EXG_DEF_020_ZUK0_Max		-





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

**LEGEND**

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

Maximum Flood Hazard Rating (FD2321)

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

CLIENT:

Frodsham Solar Ltd

www.waterco.co.uk

SCHEME:

Frodsham Solar

PLOT TITLE:

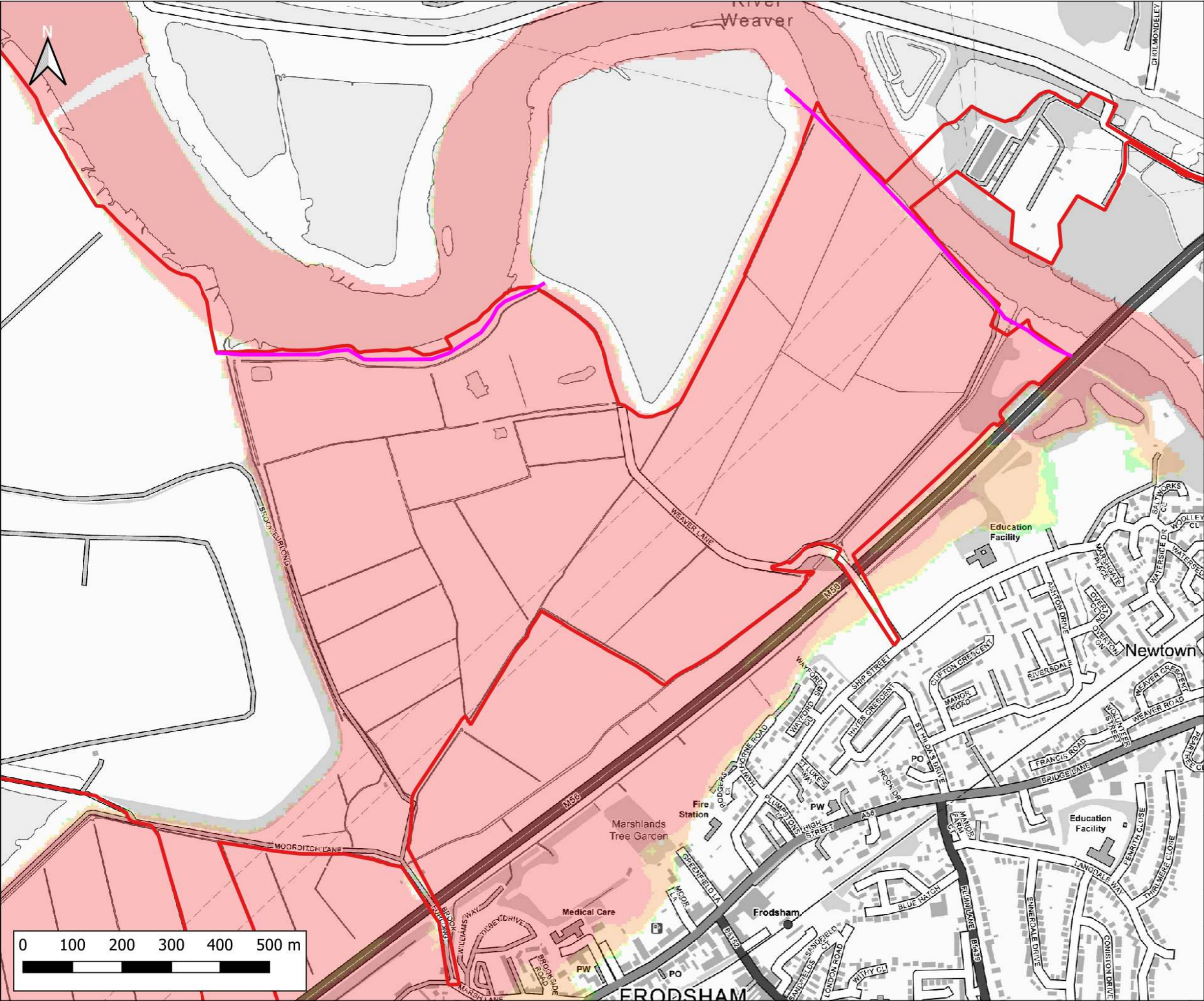
River Mersey Maximum Flood Hazard Rating  
0.5% AEP Tidal Event  
2075 Upper End  
Defended Proposed Development Scenario (DEV)

PLOT STATUS:			DATE:
FINAL			30-04-2025

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

PLOT NAME:	REVISION:
14740_MERS_T200HC_2075UE_DEV2_DEF_020_ZUKO_Max	-





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

**LEGEND**

Site Boundary

River Weaver Flood Defences

Maximum Flood Hazard Rating (FD2321)

Caution

Danger for Some

Danger for Most

Danger for All

CLIENT:

Frodsham Solar Ltd

www.waterco.co.uk

SCHEME:

Frodsham Solar

PLOT TITLE:

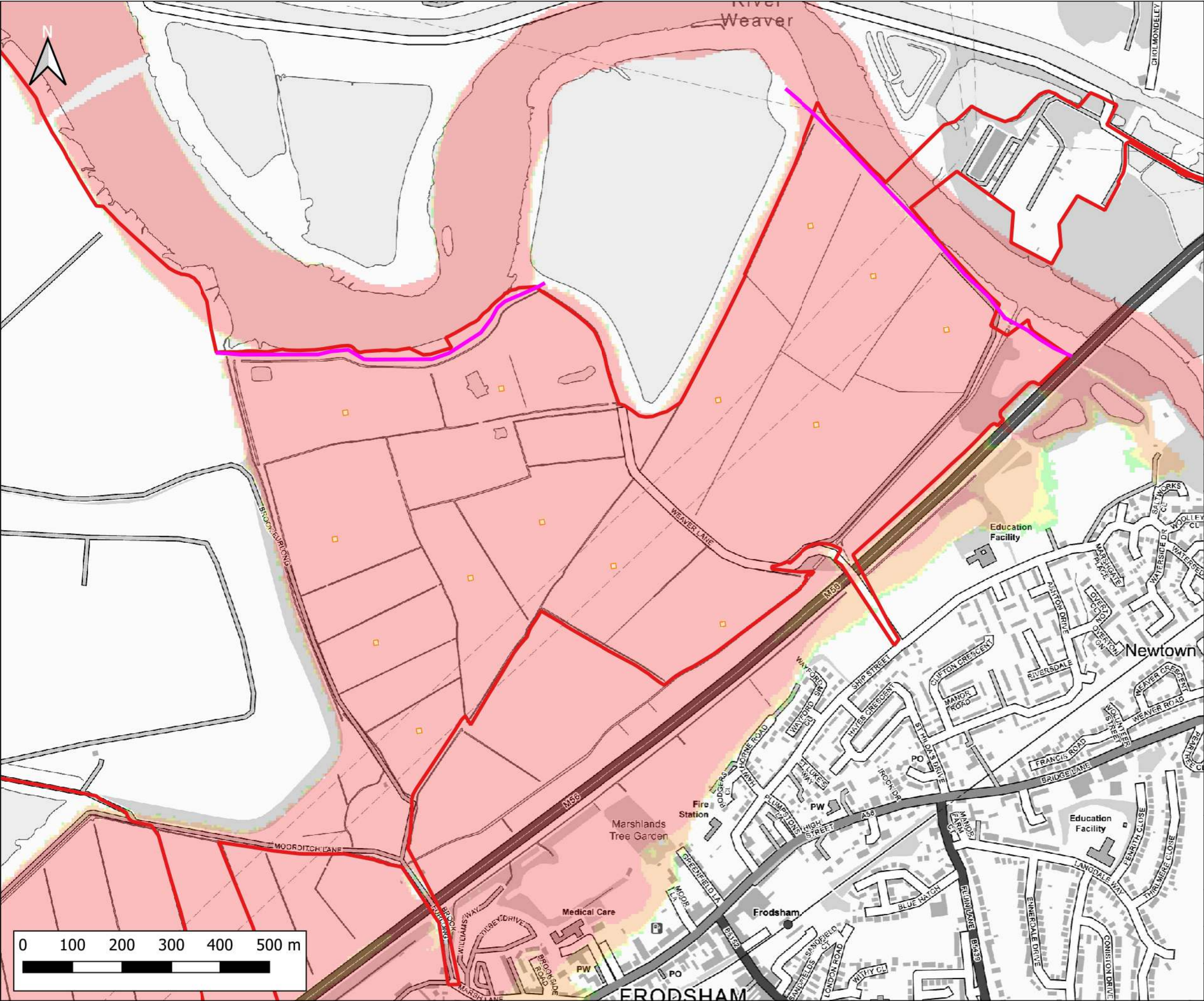
River Mersey Maximum Flood Hazard Rating  
0.5% AEP Tidal Event  
H++  
Defended Existing Scenario (EXG)

PLOT STATUS:			DATE:
FINAL			30-04-2025

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

PLOT NAME:	REVISION:
14740_MERS_T200HC_2100H++_EXG_DEF_020_ZUK0_Max	-





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

**LEGEND**

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

Maximum Flood Hazard Rating (FD2321)

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

CLIENT:

Frodsham Solar Ltd

www.waterco.co.uk

SCHEME:

Frodsham Solar

PLOT TITLE:

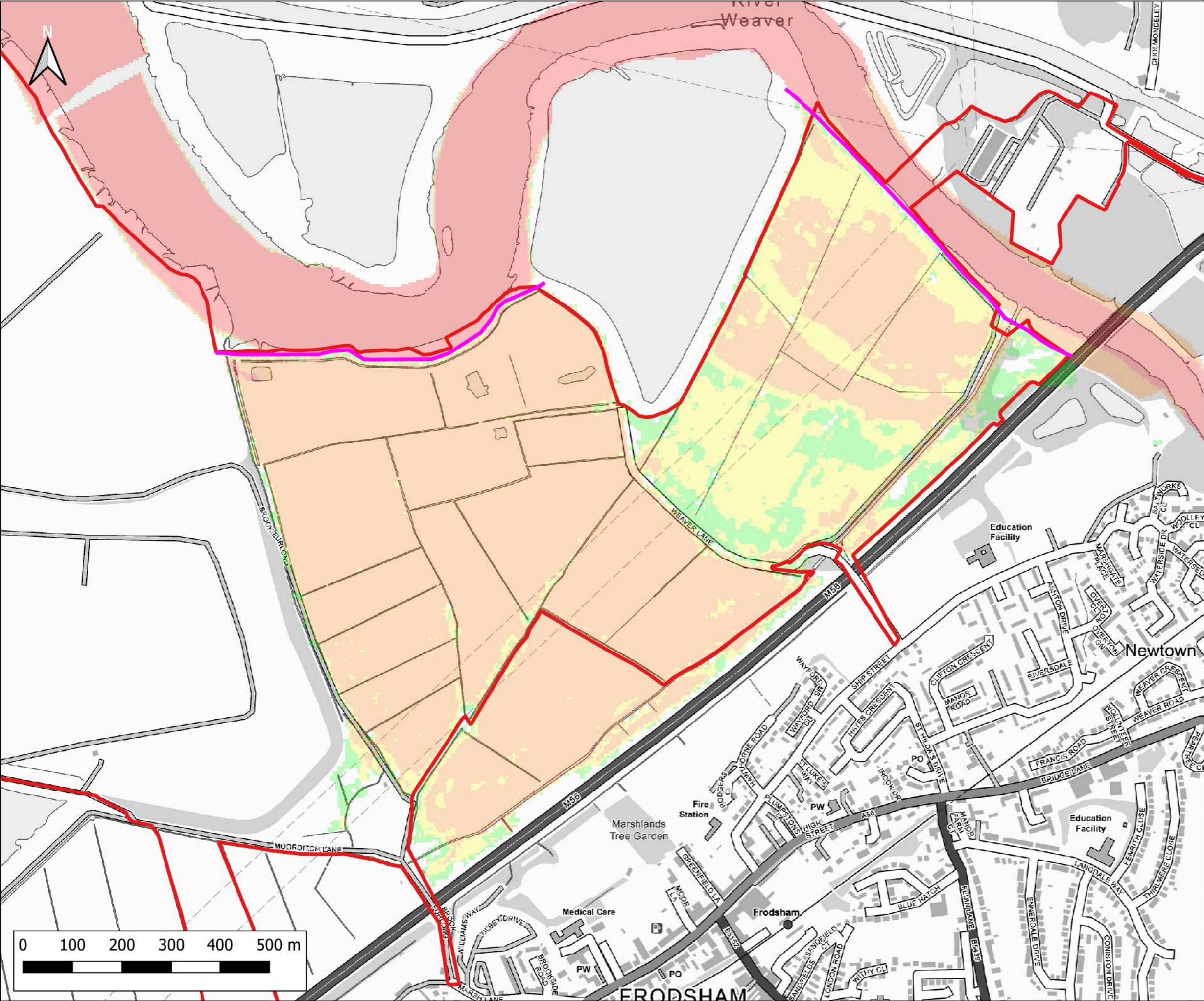
River Mersey Maximum Flood Hazard Rating  
0.5% AEP Tidal Event  
H++  
Defended Proposed Development Scenario (DEV)

PLOT STATUS:		DATE:	
FINAL		30-04-2025	

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

PLOT NAME:	REVISION:
14740_MERS_T200HC_2100H++_DEV2_DEF_020_ZUK0_Max	-





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

**LEGEND**

- Site Boundary
- River Weaver Flood Defences

Maximum Flood Hazard Rating (FD2321)

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

CLIENT:

Frodsham Solar Ltd

www.waterco.co.uk

SCHEME:

Frodsham Solar

PLOT TITLE:

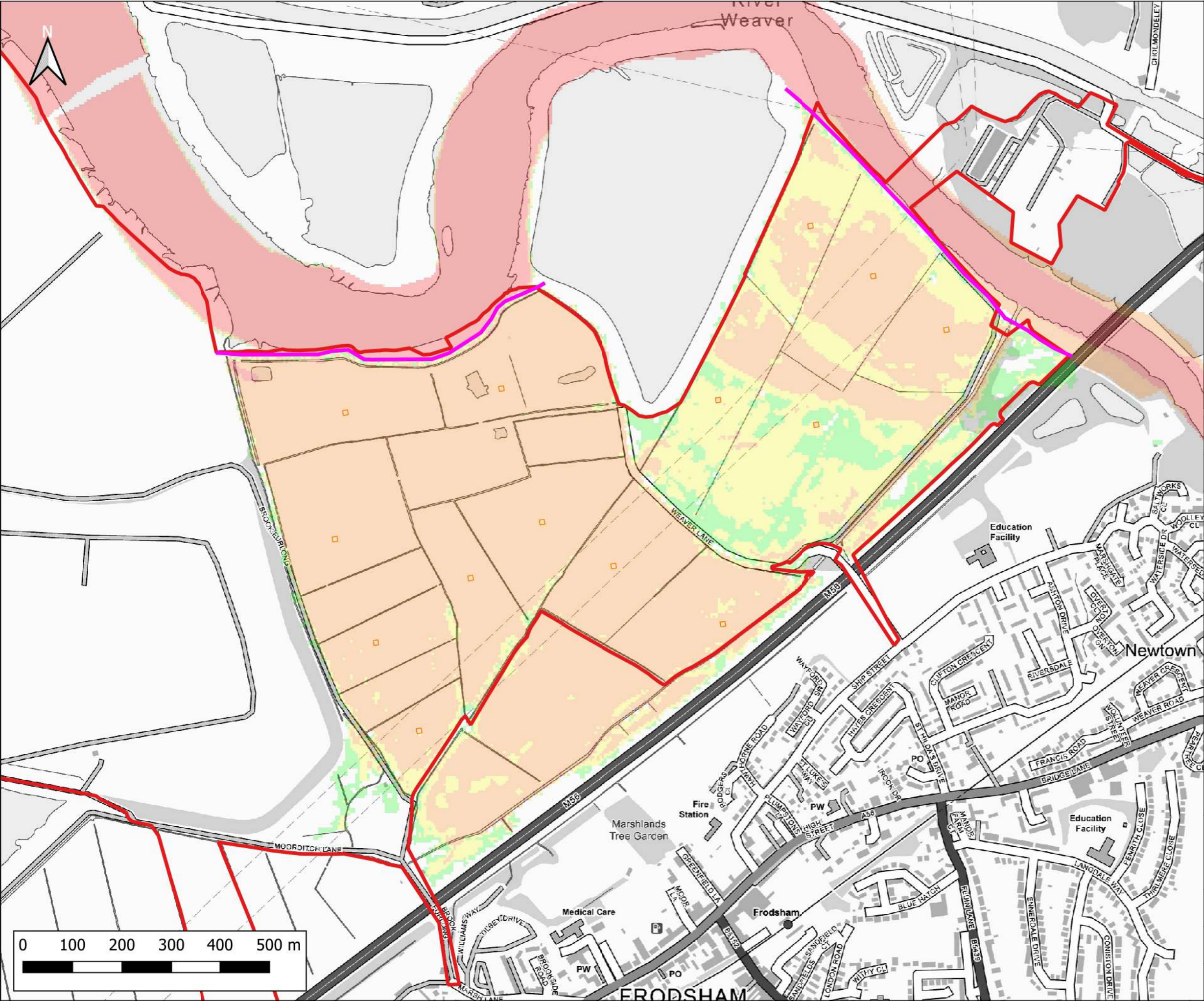
River Mersey Maximum Flood Hazard Rating  
0.1% AEP Tidal Event  
2024 Higher Central  
Defended Existing Scenario (EXG)

PLOT STATUS:		DATE:	
FINAL		30-04-2025	

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

PLOT NAME:	REVISION:
14740_MERS_T1000HC_2024HC_EXG_DEF_020_ZUKO_Max	-





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

**LEGEND**

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

Maximum Flood Hazard Rating (FD2321)

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

CLIENT:

Frodsham Solar Ltd

www.waterco.co.uk

SCHEME:

Frodsham Solar

PLOT TITLE:

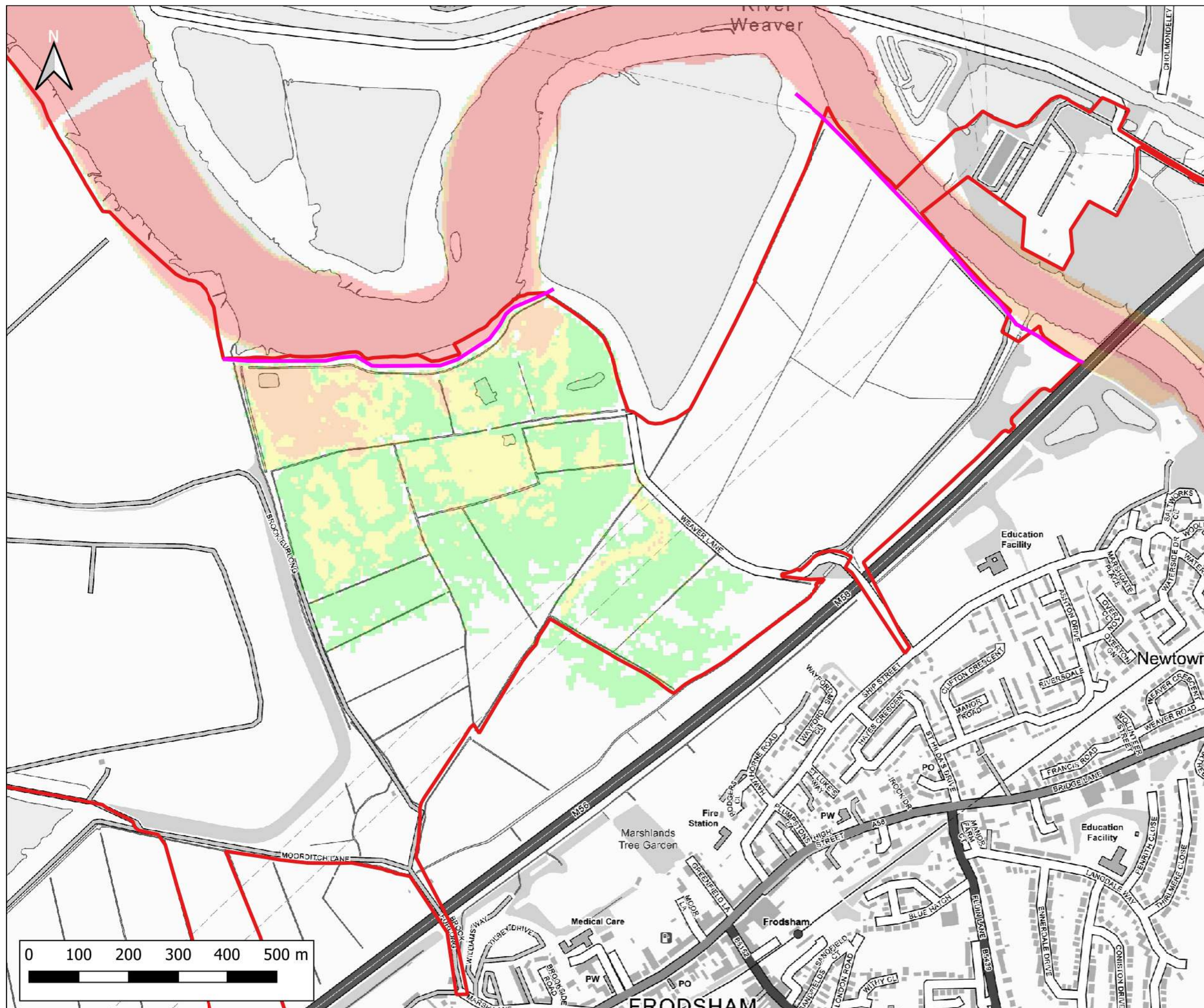
River Mersey Maximum Flood Hazard Rating  
0.1% AEP Tidal Event  
2024 Higher Central  
Defended Proposed Development Scenario (DEV)

PLOT STATUS:		DATE:	
FINAL		30-04-2025	

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

PLOT NAME:	REVISION:
14740_MERS_T1000HC_2024HC_DEV2_DEF_020_ZUK0_Max	-

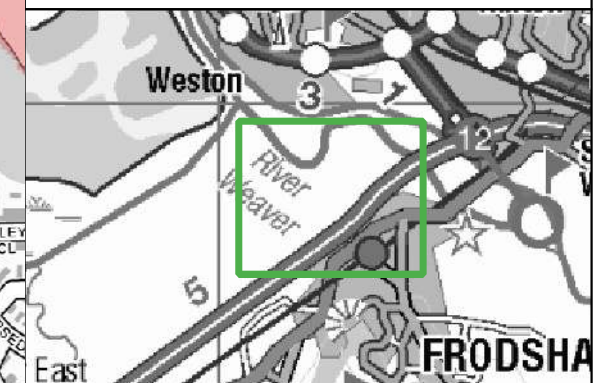




Notes: 1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise
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### LEGEND

- Site Boundary
  - River Weaver Flood Defences
- Maximum Flood Hazard Rating (FD2321)
- Caution
  - Danger for Some
  - Danger for Most
  - Danger for All



CLIENT:

Frodsham Solar Ltd



**SCHEME:**

## Frodsham Solar

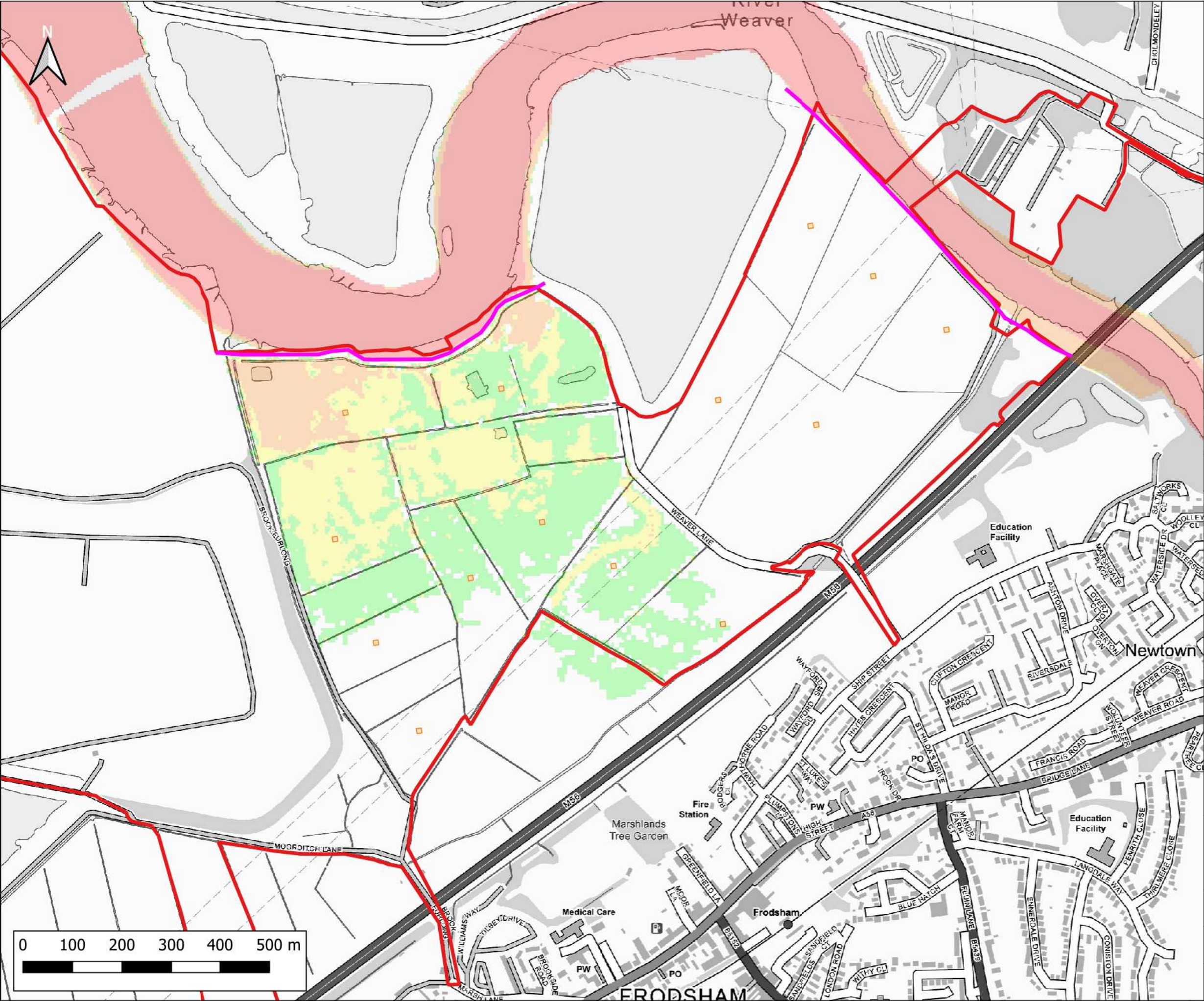
PLOT TITLE:  
River Mersey Maximum Flood Hazard Rating  
0.5% AEP Tidal Event  
2024 Higher Central  
Breach 1 Existing Scenario (EXG)

<b>PLOT STATUS:</b>	<b>DATE:</b>
FINAL	30-04-2025

<u>DRAWN:</u> MH	<u>CHECKED:</u> AP	<u>APPROVED:</u> LS	<u>PLOT SCALE AT A3:</u> 1:7500
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<u>PLOT NAME:</u>		<u>REVISION:</u>
14740_MERS_T200HC_2024HC_EXG_BR1_020_ZUK0_Max		-





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

**LEGEND**

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

Maximum Flood Hazard Rating (FD2321)

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

CLIENT:

Frodsham Solar Ltd

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SCHEME:

Frodsham Solar

PLOT TITLE:

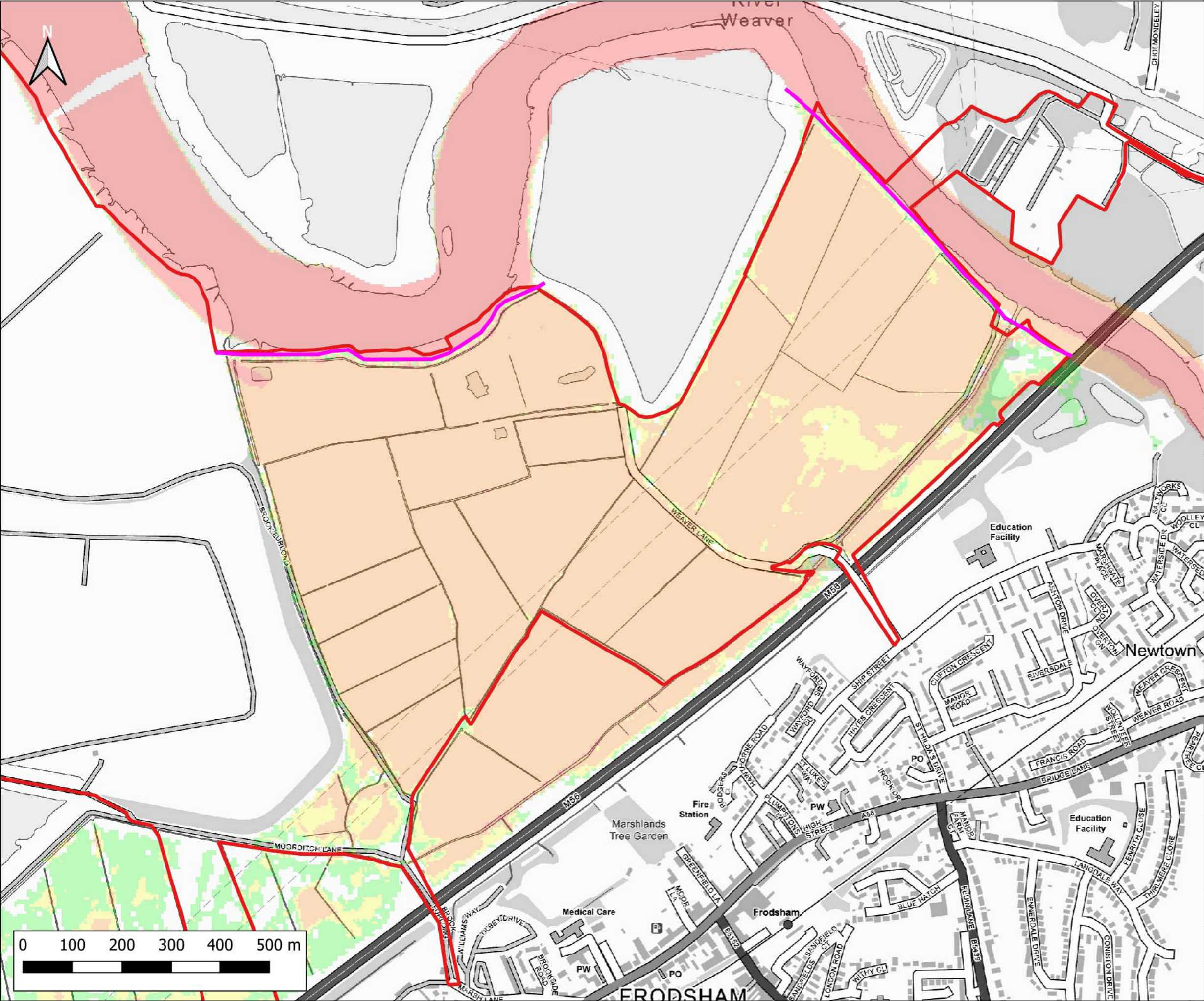
River Mersey Maximum Flood Hazard Rating  
0.5% AEP Tidal Event  
2024 Higher Central  
Breach 1 Proposed Development Scenario (DEV)

PLOT STATUS:		DATE:	
FINAL		30-04-2025	

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

PLOT NAME:	REVISION:
14740_MERS_T200HC_2024HC_DEV2_BR1_020_ZUKO_Max	-





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

**LEGEND**

Site Boundary

River Weaver Flood Defences

Maximum Flood Hazard Rating (FD2321)

Caution

Danger for Some

Danger for Most

Danger for All

CLIENT:

Frodsham Solar Ltd

www.waterco.co.uk

SCHEME:

Frodsham Solar

PLOT TITLE:

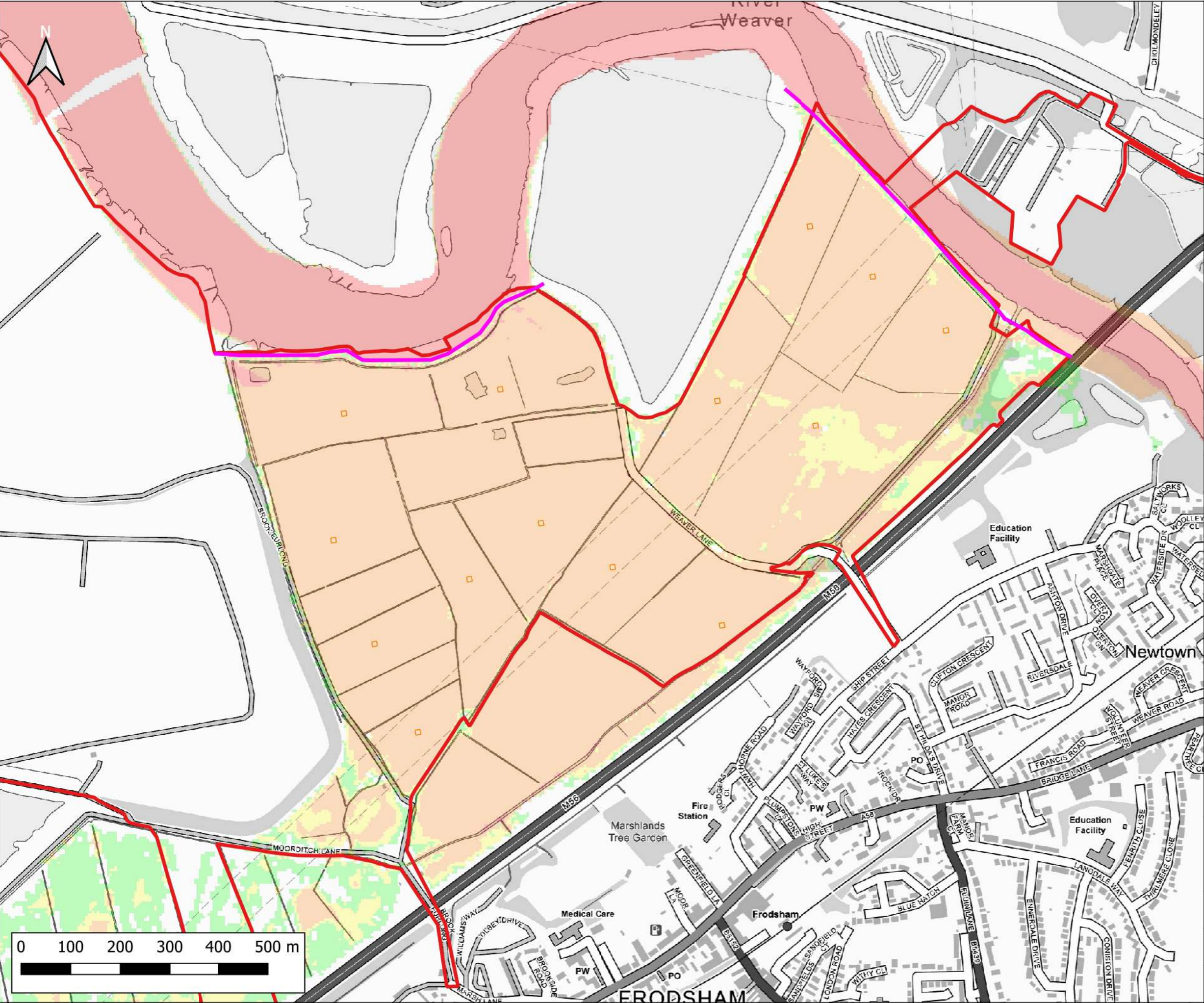
River Mersey Maximum Flood Hazard Rating  
0.5% AEP Tidal Event  
2075 Higher Central  
Breach 1 Existing Scenario (EXG)

PLOT STATUS:			DATE:
FINAL			30-04-2025

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

PLOT NAME:	REVISION:
14740_MERS_T200HC_2075HC_EXG_BR1_020_ZUK0_Max	-





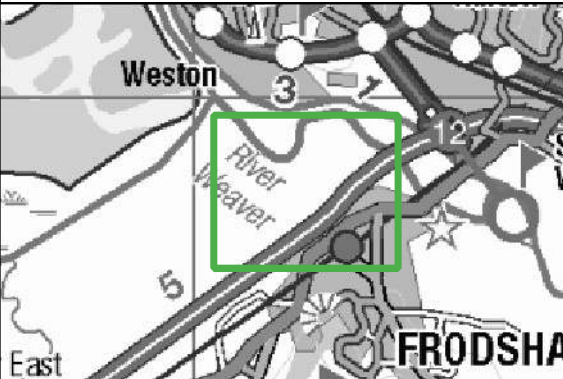
Notes:  
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

**LEGEND**

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

Maximum Flood Hazard Rating (FD2321)

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



Frodsham Solar Ltd



Frodsham Solar

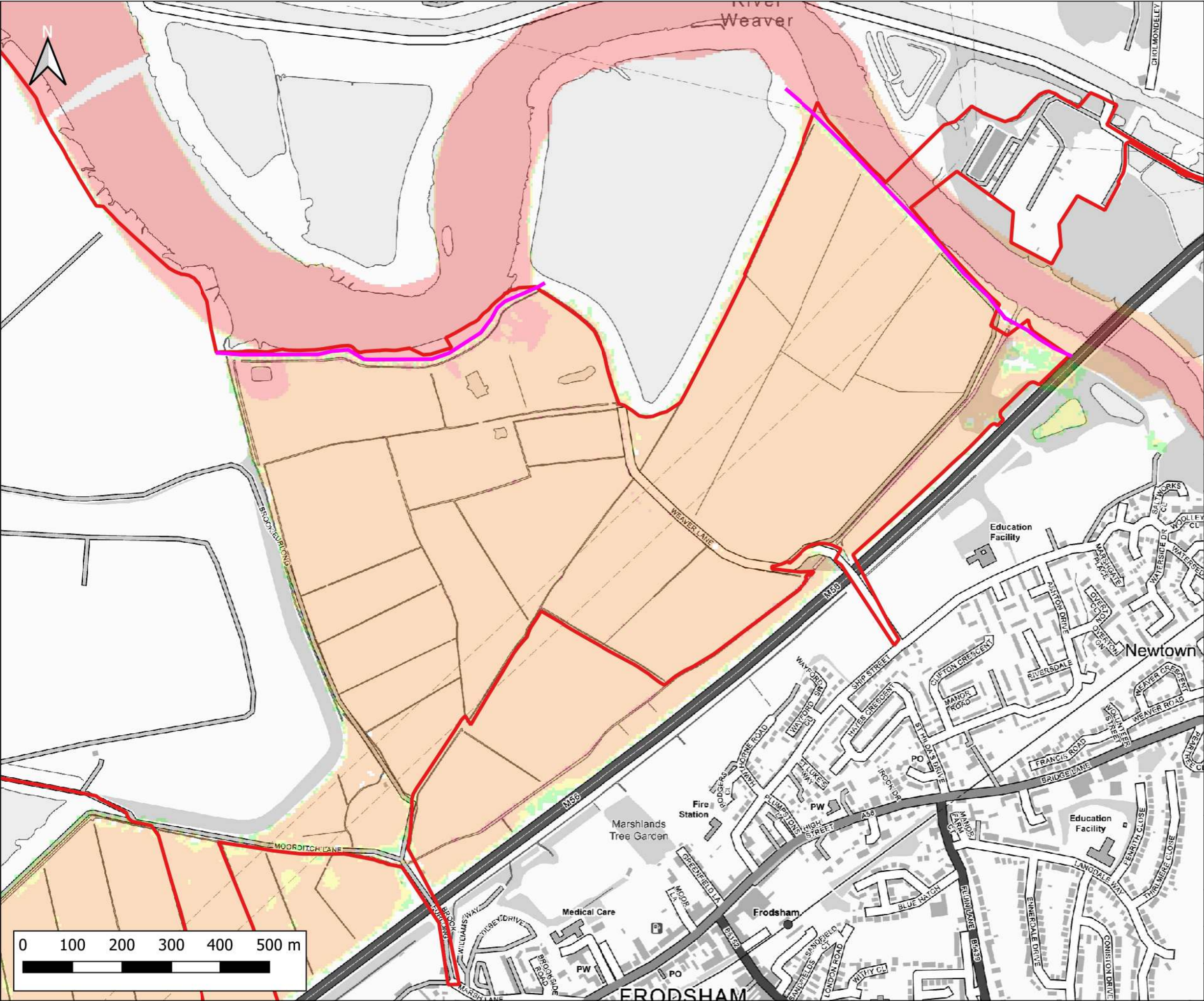
PLOT TITLE:  
River Mersey Maximum Flood Hazard Rating  
0.5% AEP Tidal Event  
2075 Higher Central  
Breach 1 Proposed Development Scenario (DEV)

PLOT STATUS: FINAL DATE: 30-04-2025

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

PLOT NAME: 14740\_MERS\_T200HC\_2075HC\_DEV2\_BR1\_020\_ZUKO\_Max REVISION: -





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

**LEGEND**

- Site Boundary
- River Weaver Flood Defences

Maximum Flood Hazard Rating (FD2321)

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

CLIENT:

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SCHEME:

Frodsham Solar

PLOT TITLE:

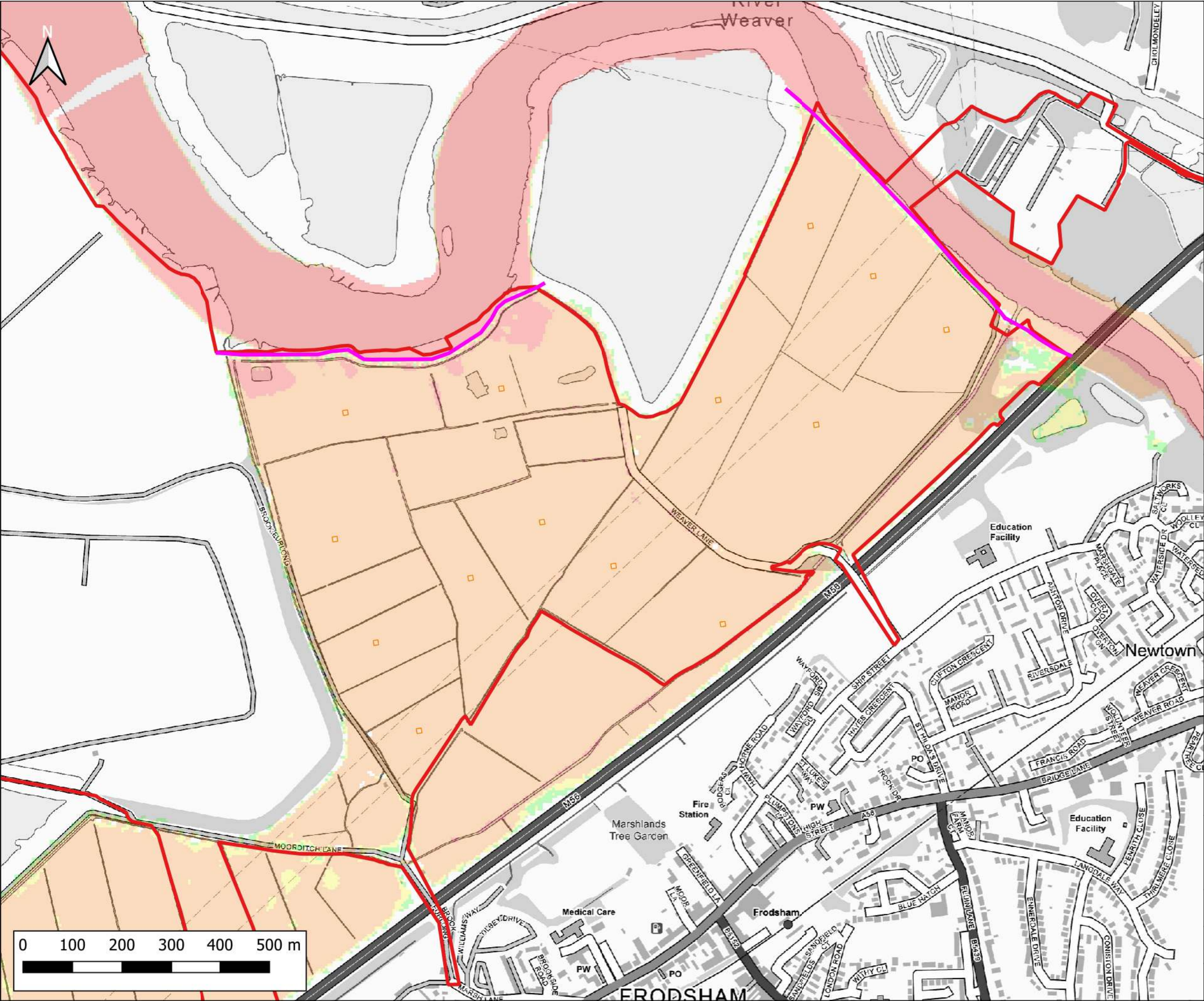
River Mersey Maximum Flood Hazard Rating  
0.5% AEP Tidal Event  
2075 Upper End  
Breach 1 Existing Scenario (EXG)

PLOT STATUS:		DATE:	
FINAL		30-04-2025	

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

PLOT NAME:	REVISION:
14740_MERS_T200HC_2075UE_EXG_BR1_020_ZUK0_Max	-





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

**LEGEND**

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

Maximum Flood Hazard Rating (FD2321)

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

CLIENT:

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www.waterco.co.uk

SCHEME:

Frodsham Solar

PLOT TITLE:

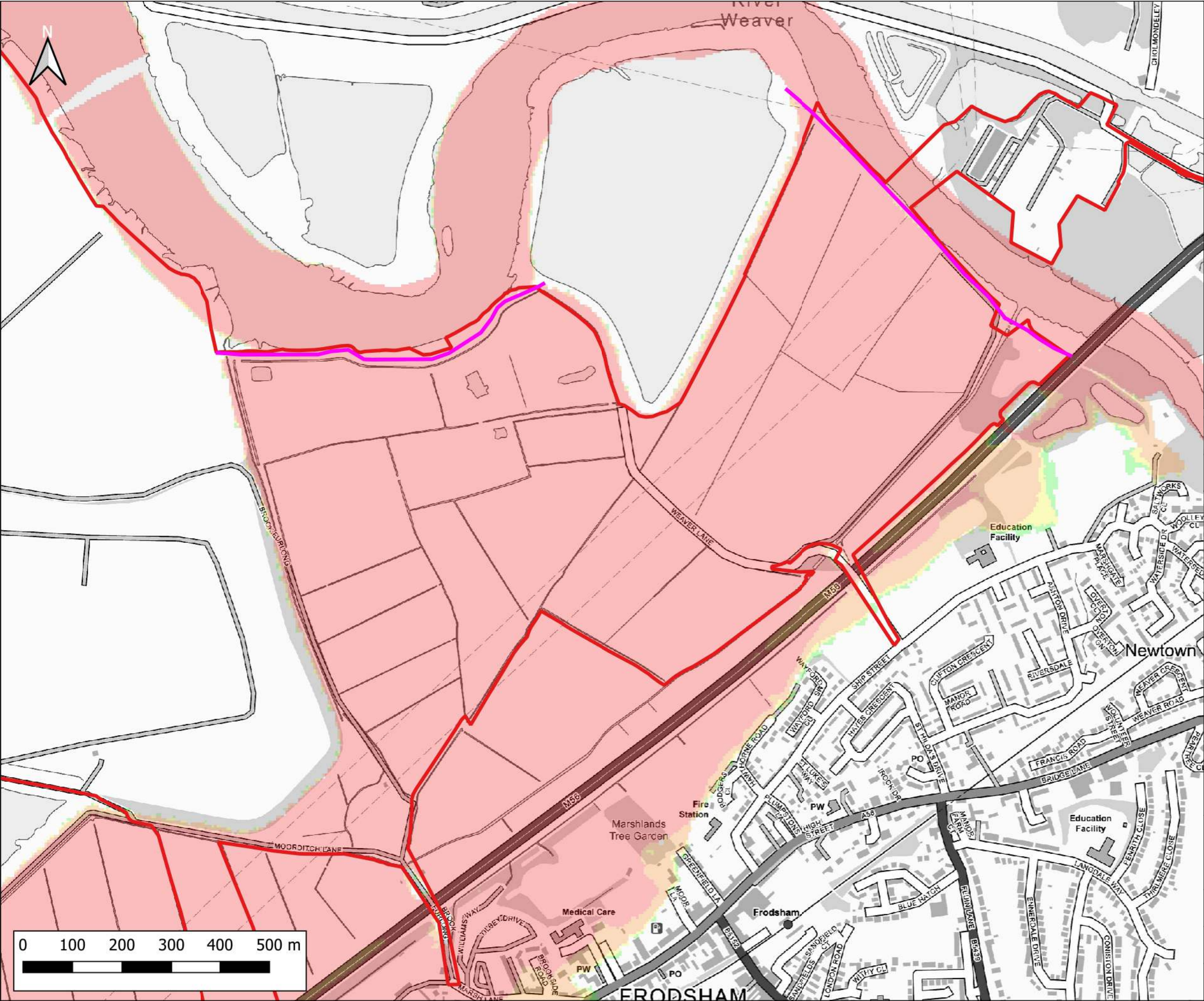
River Mersey Maximum Flood Hazard Rating  
0.5% AEP Tidal Event  
2075 Upper End  
Breach 1 Proposed Development Scenario (DEV)

PLOT STATUS:		DATE:	
FINAL		30-04-2025	

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

PLOT NAME:	REVISION:
14740_MERS_T200HC_2075UE_DEV2_BR1_020_ZUKO_Max	-





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

**LEGEND**

Site Boundary

River Weaver Flood Defences

Maximum Flood Hazard Rating (FD2321)

Caution

Danger for Some

Danger for Most

Danger for All

CLIENT:

Frodsham Solar Ltd

www.waterco.co.uk

SCHEME:

Frodsham Solar

PLOT TITLE:

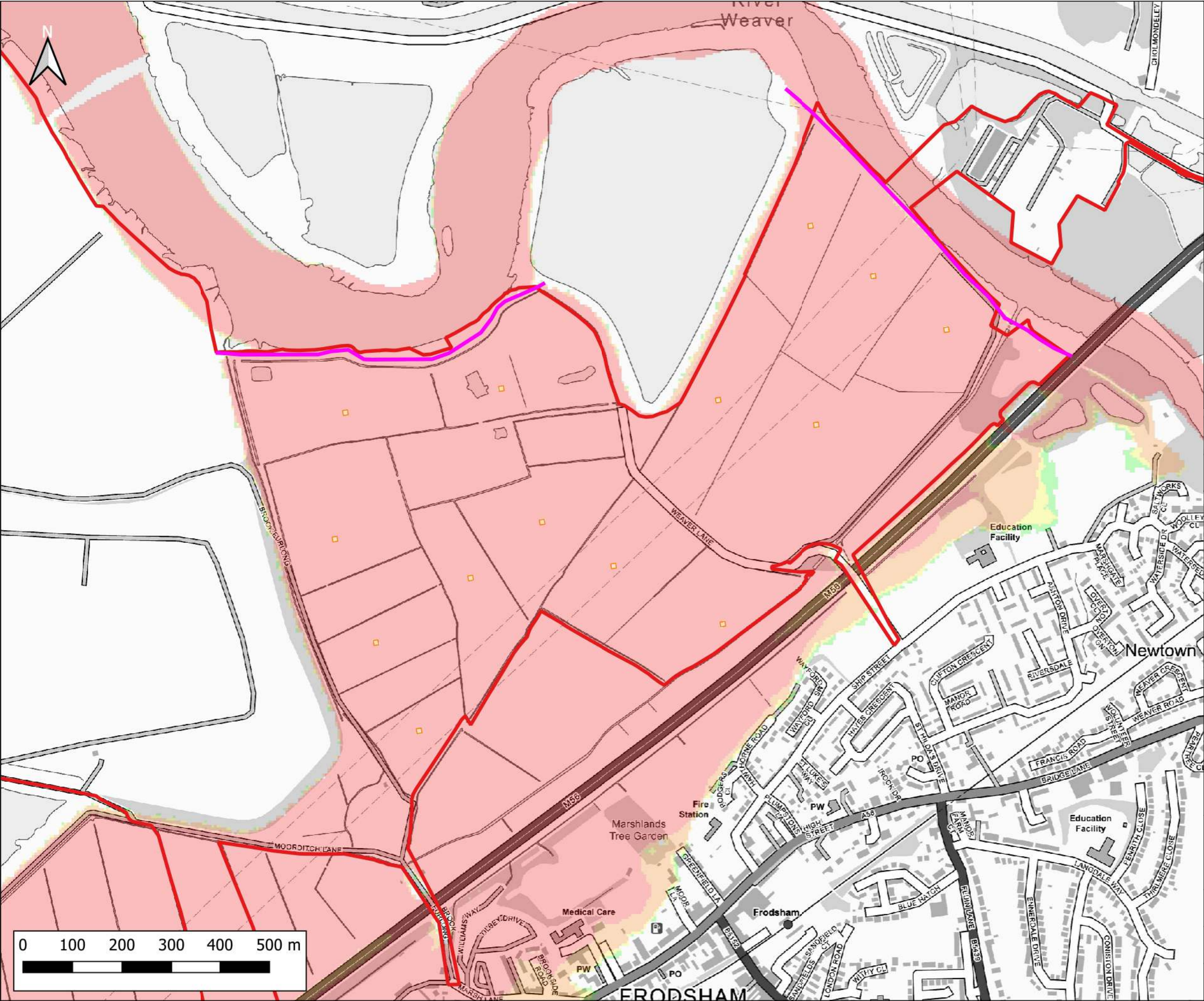
River Mersey Maximum Flood Hazard Rating  
0.5% AEP Tidal Event  
H++  
Breach 1 Existing Scenario (EXG)

PLOT STATUS:			DATE:
FINAL			30-04-2025

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

PLOT NAME:	REVISION:
14740_MERS_T200HC_2100H++_EXG_BR1_020_ZUK0_Max	-





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

**LEGEND**

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

Maximum Flood Hazard Rating (FD2321)

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

Weston

3

12

East

FRODSHAM

CLIENT:

Frodsham Solar Ltd

**waterco**

www.waterco.co.uk

SCHEME:

Frodsham Solar

PLOT TITLE:

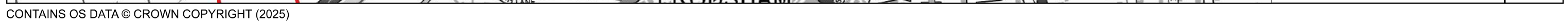
River Mersey Maximum Flood Hazard Rating  
0.5% AEP Tidal Event  
H++  
Breach 1 Proposed Development Scenario (DEV)

PLOT STATUS:		DATE:	
FINAL		30-04-2025	

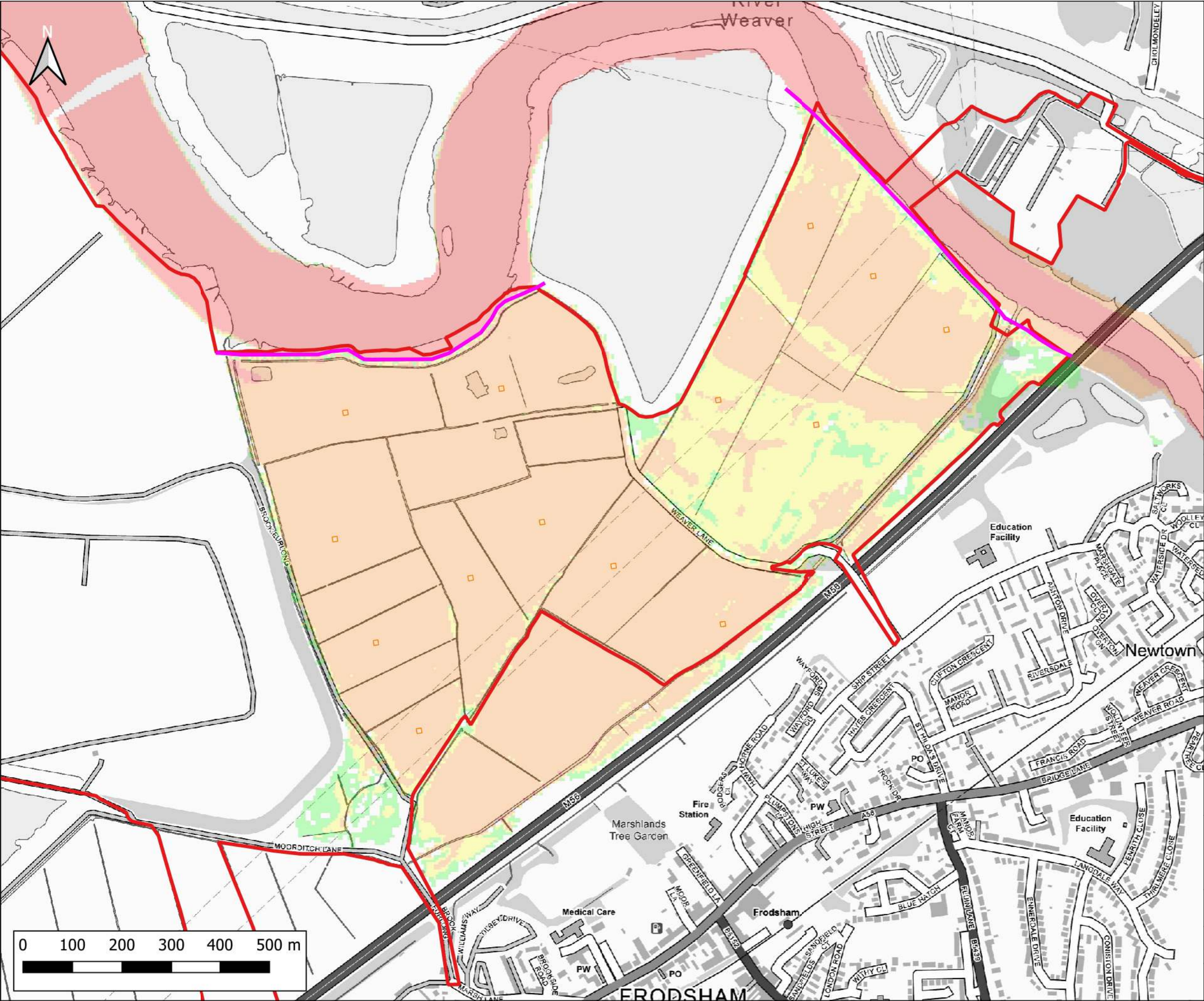
DRAWN:	CHECKED:	APPROVED:	PLOT SCALE AT A3:
MH	AP	LS	1:7500

PLOT NAME:		REVISION:
14740_MERS_T200HC_2100H++_DEV2_BR1_020_ZUK0_Max		-









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

**LEGEND**

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

Maximum Flood Hazard Rating (FD2321)

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

CLIENT:

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SCHEME:

Frodsham Solar

PLOT TITLE:

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

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

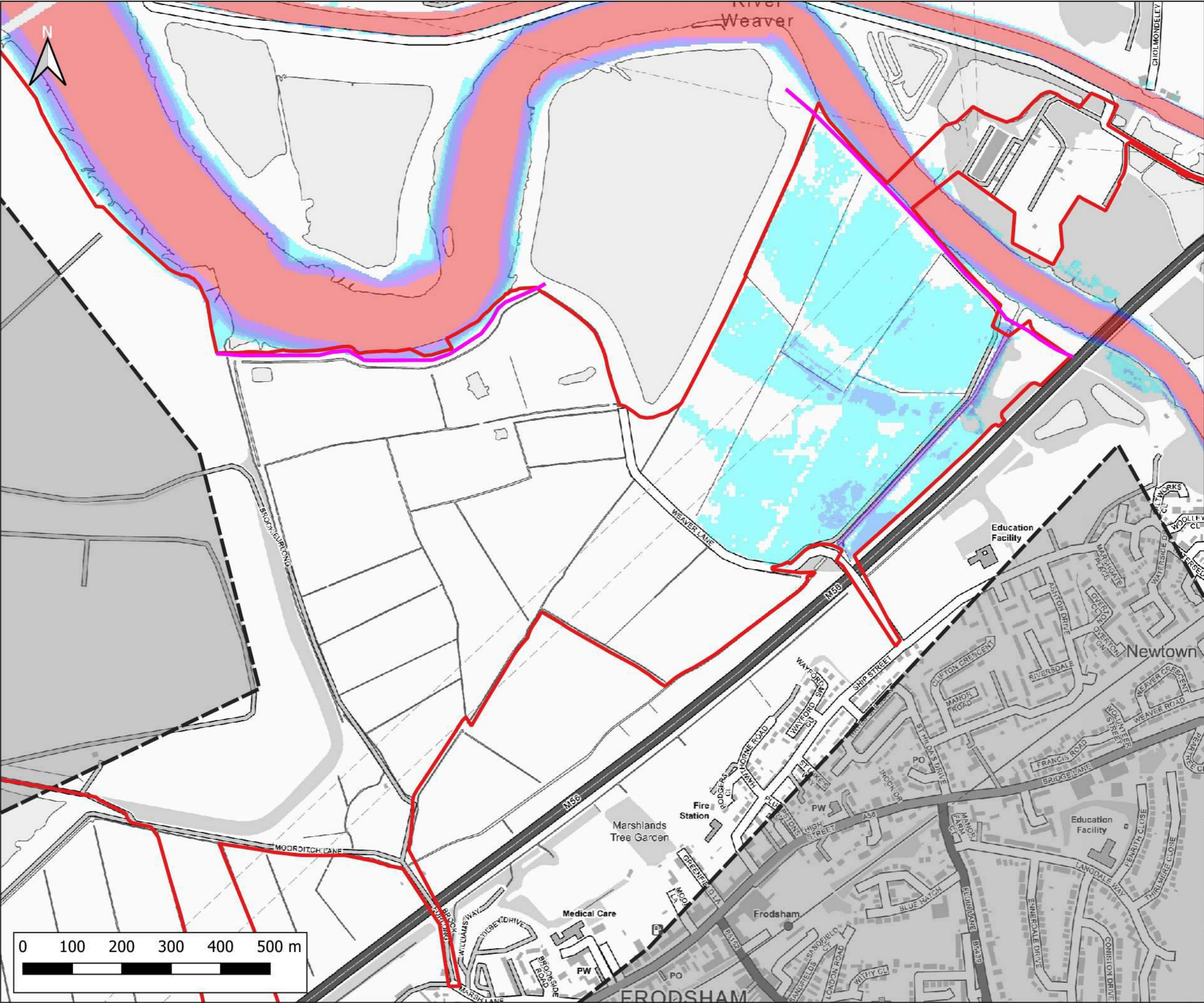
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MH	AP	LS	1:7500	

PLOT NAME:	REVISION:
14740_MERS_T1000HC_2024HC_DEV2_BR1_020_ZUK0_Max	-



**River Weaver Flood Mapping**





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

**LEGEND**

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

Maximum Flood Depth

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

CLIENT:

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www.waterco.co.uk

SCHEME:

Frodsham Solar

PLOT TITLE:

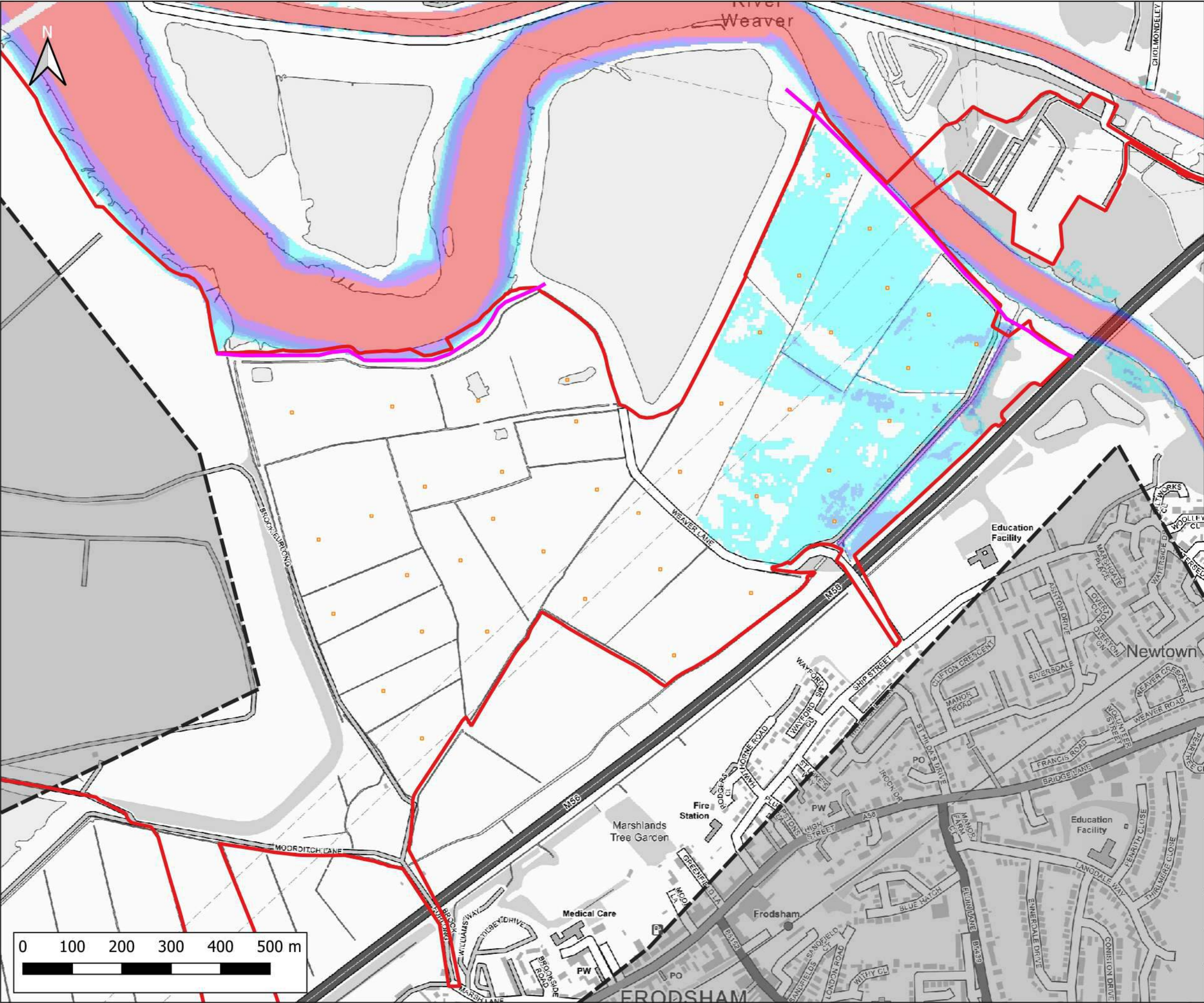
River Weaver Maximum Flood Depth  
1% AEP Fluvial Event  
MWHS Tidal Event  
Defended Existing Scenario (EXG)

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	-





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

**LEGEND**

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

Maximum Flood Depth

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

Weston

Frodsham

East

CLIENT:

Frodsham Solar Ltd

www.waterco.co.uk

SCHEME:

Frodsham Solar

PLOT TITLE:

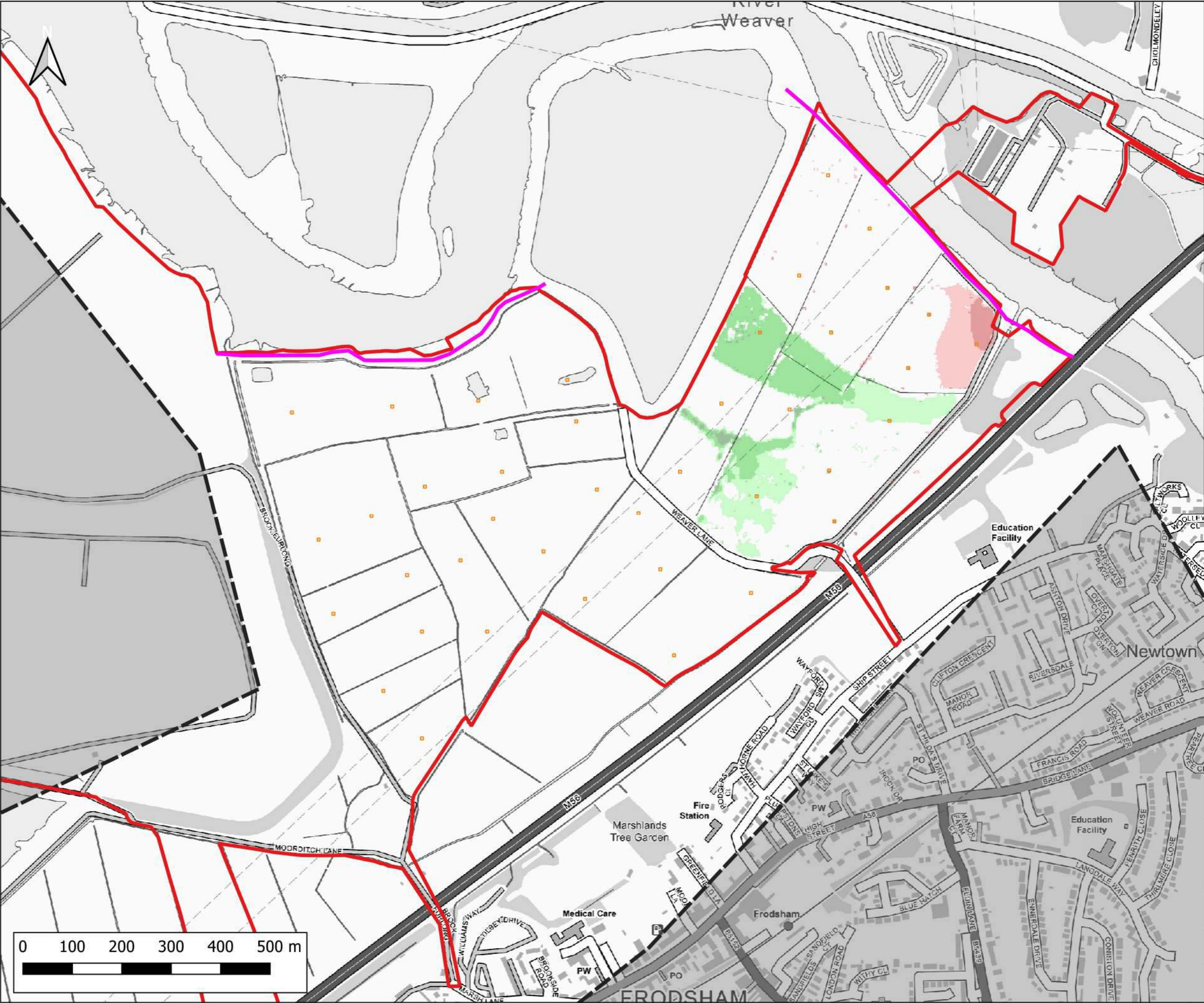
River Weaver Maximum Flood Depth  
1% AEP Fluvial Event  
MWHS Tidal Event  
Defended Proposed Development Scenario (DEV)

PLOT STATUS:		DATE:	
FINAL		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	-





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

SCHEME:

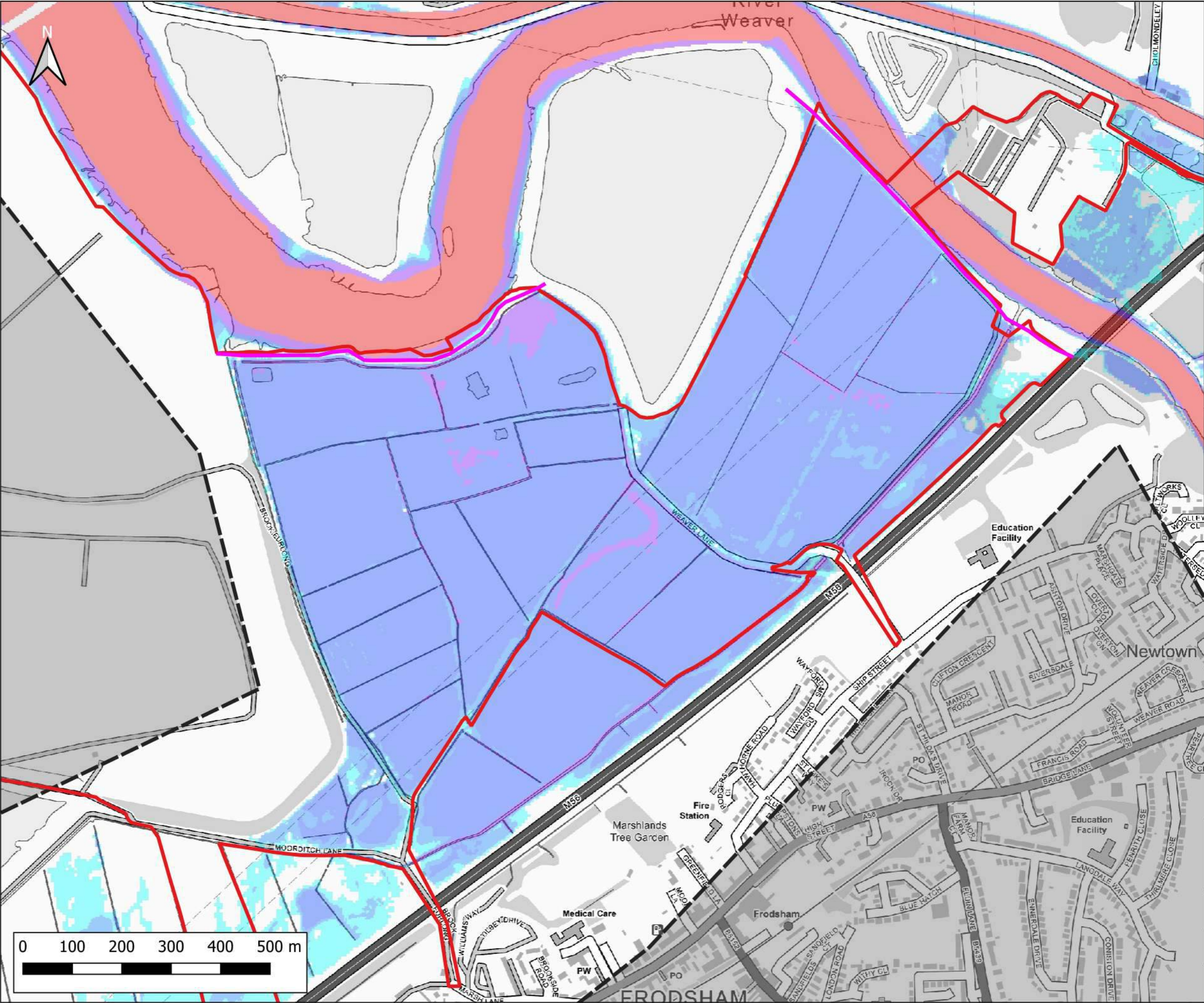
Frodsham Solar

PLOT TITLE:

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

PLOT STATUS:		FINAL		DATE:	30-04-2025
DRAWN:	CHKD:	APPROVED:	PLOT SCALE AT A3:		
MH	AP	LS	1:7500		
PLOT NAME:					REVISION:
14740_LW_DEF_DEV2-EXG_Q100_M(L0W)_ME(MHWS)_052_d_DIF					-





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:

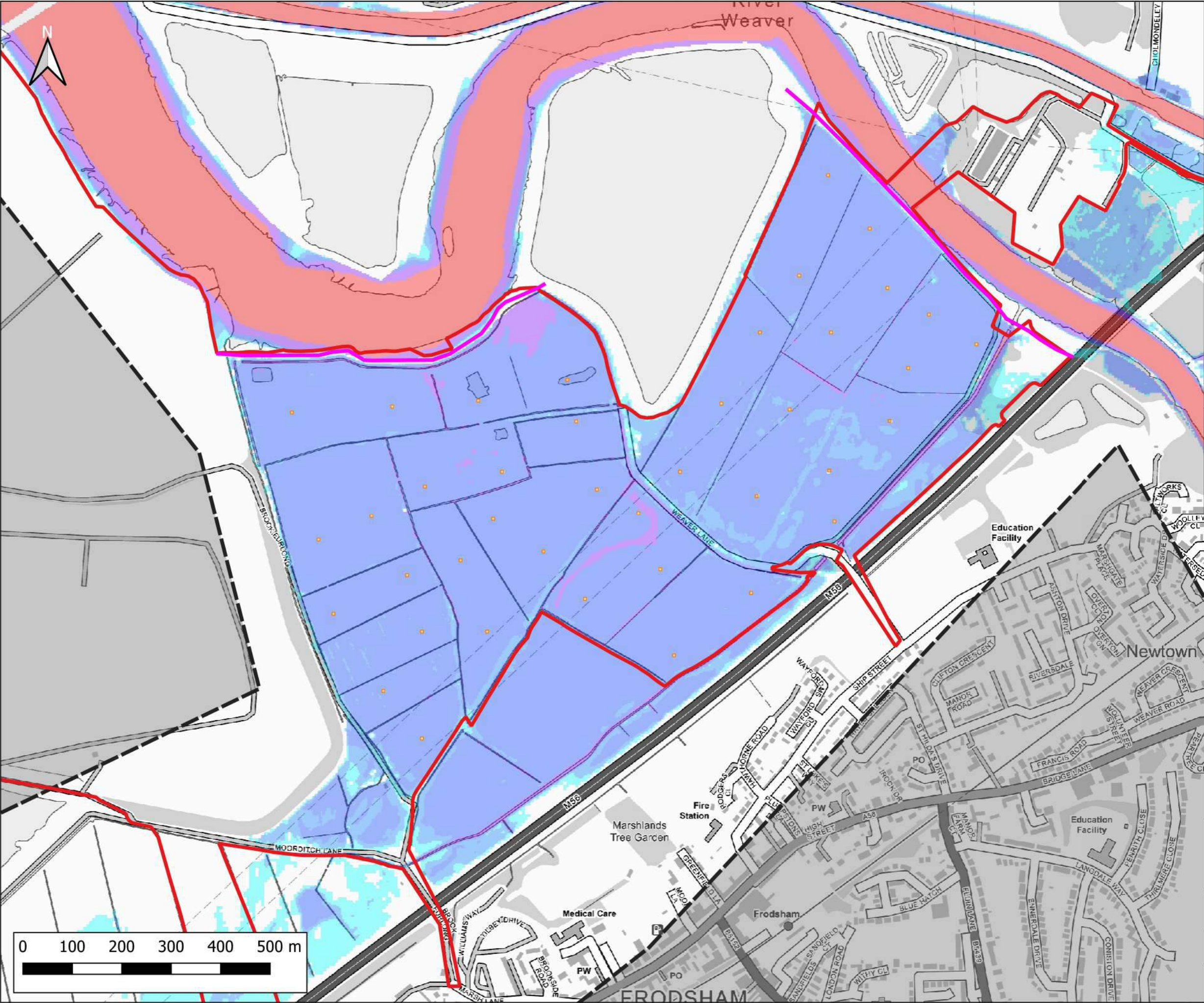
River Weaver Maximum Flood Depth  
1% AEP +67% CC Fluvial Event  
MWHS +CC Tidal Event  
Defended Existing Scenario (EXG)

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	-





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:

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www.waterco.co.uk

SCHEME:

Frodsham Solar

PLOT TITLE:

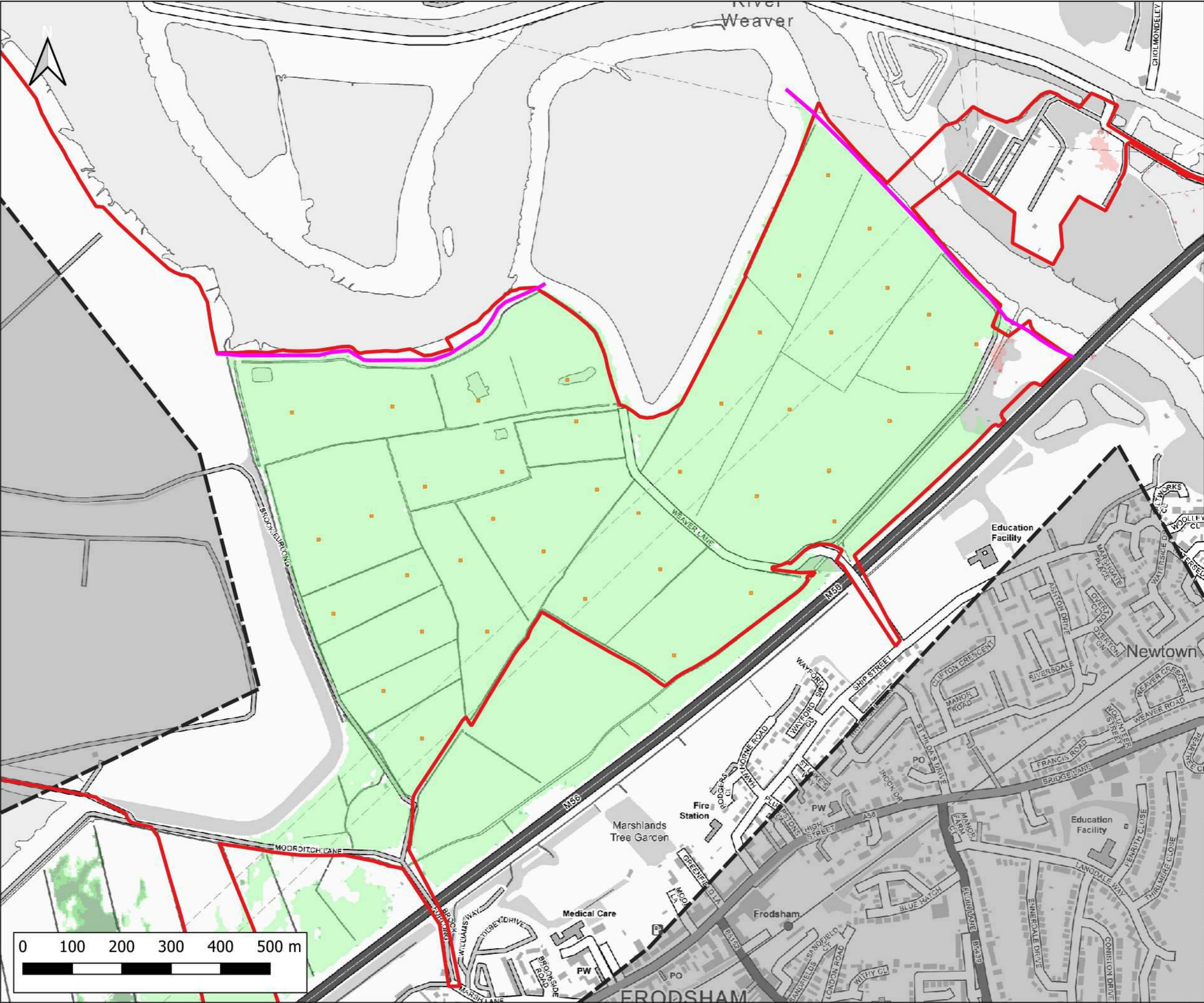
River Weaver Maximum Flood Depth  
1% AEP +67% CC Fluvial Event  
MWHS +CC Tidal Event  
Defended Proposed Development Scenario (DEV)

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_Q100CC57_M(LOW)_ME(MHWSCC)_052_d_Max	-





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

**LEGEND**

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

Maximum Flood Depth Difference

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

CLIENT:

Frodsham Solar Ltd

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SCHEME:

Frodsham Solar

PLOT TITLE:

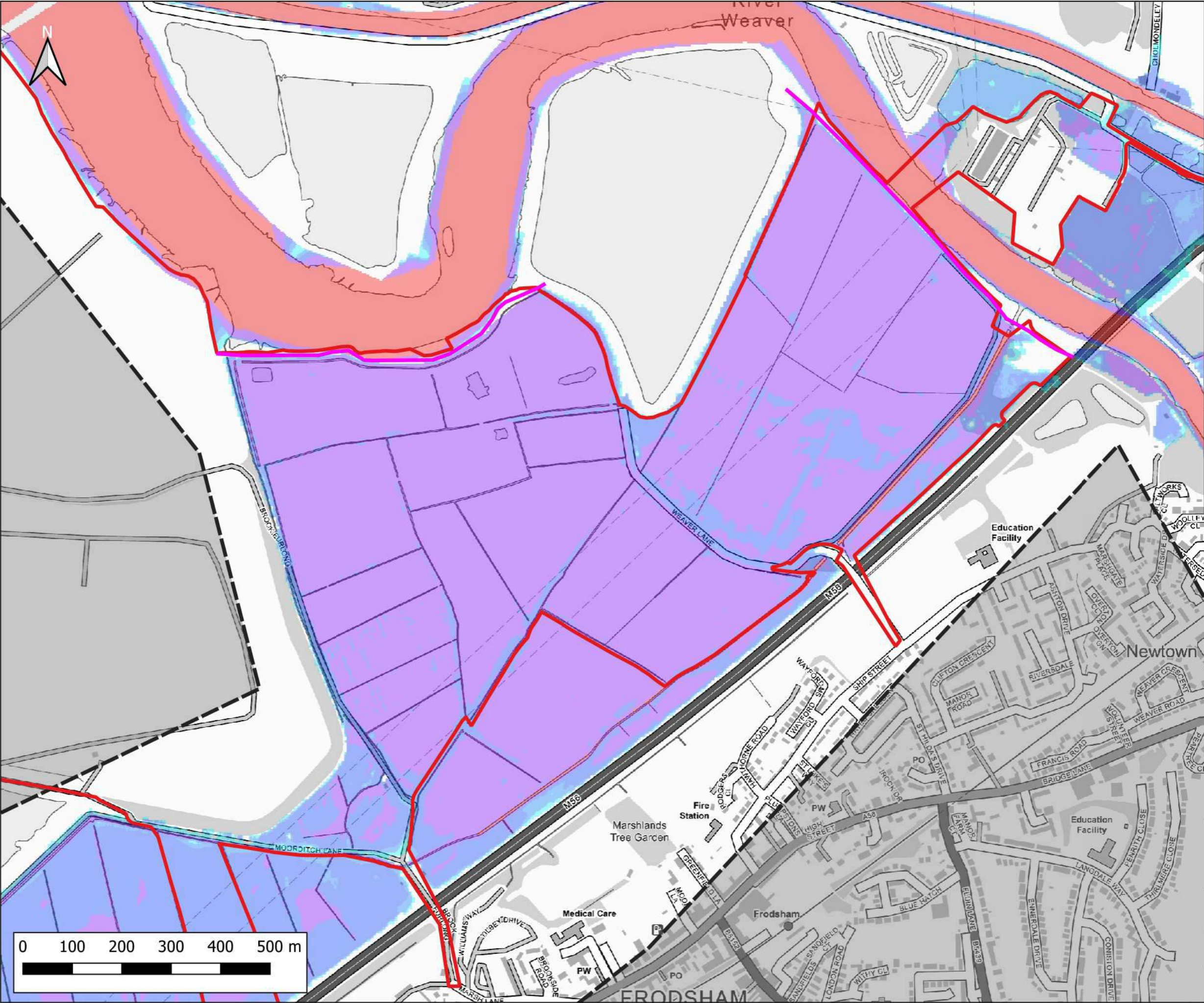
River Weaver Maximum Flood Depth Difference  
1% AEP +67% CC Fluvial Event  
MWHS +CC Tidal Event  
Defended DEV - EXG

PLOT STATUS:			DATE:
FINAL			30-04-2025

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

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





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

**LEGEND**

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

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:

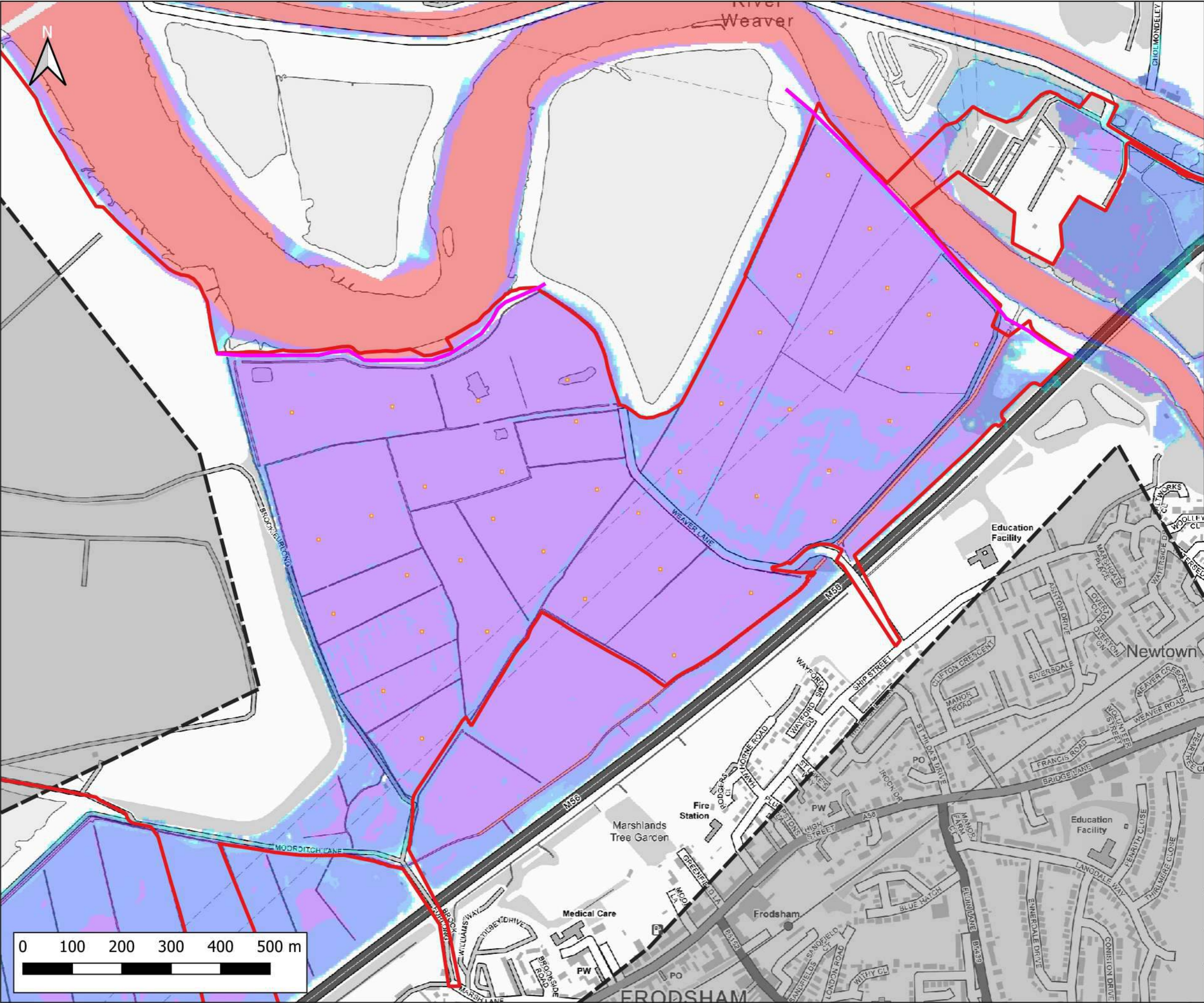
River Weaver Maximum Flood Depth  
1% AEP +67% CC Fluvial Event  
0.5% AEP Tidal Event (2075)  
Defended Existing Scenario (EXG)

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	-





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

**LEGEND**

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

Maximum Flood Depth

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

Weston  
3  
12  
River Weaver  
East  
FRODSHAM

CLIENT:

Frodsham Solar Ltd

**waterco**  
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SCHEME:

Frodsham Solar

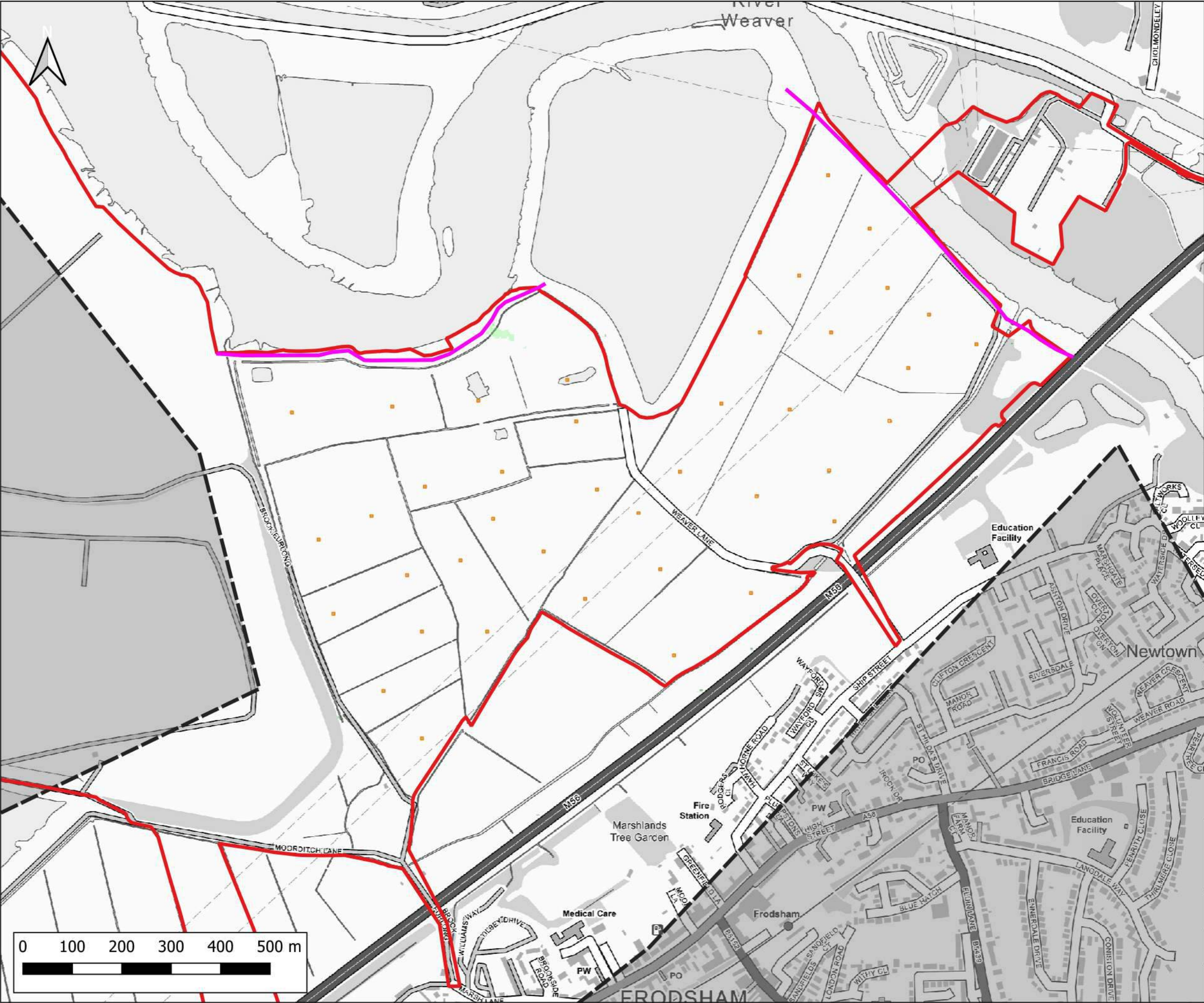
PLOT TITLE:  
River Weaver Maximum Flood Depth  
1% AEP +67% CC Fluvial Event  
0.5% AEP Tidal Event (2075)  
Defended Proposed Development Scenario (DEV)

PLOT STATUS: FINAL DATE: 30-04-2025

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

PLOT NAME: 14740\_LW\_DEF\_DEV2\_Q100CC57\_M(LOW)\_NE(T200HC\_2075UE)\_052\_d\_Max REVISION: -





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

**LEGEND**

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

Maximum Flood Depth Difference

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

Weston  
3  
12  
River Weaver  
East  
FRODSHAM

CLIENT:

Frodsham Solar Ltd

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

SCHEME:

Frodsham Solar

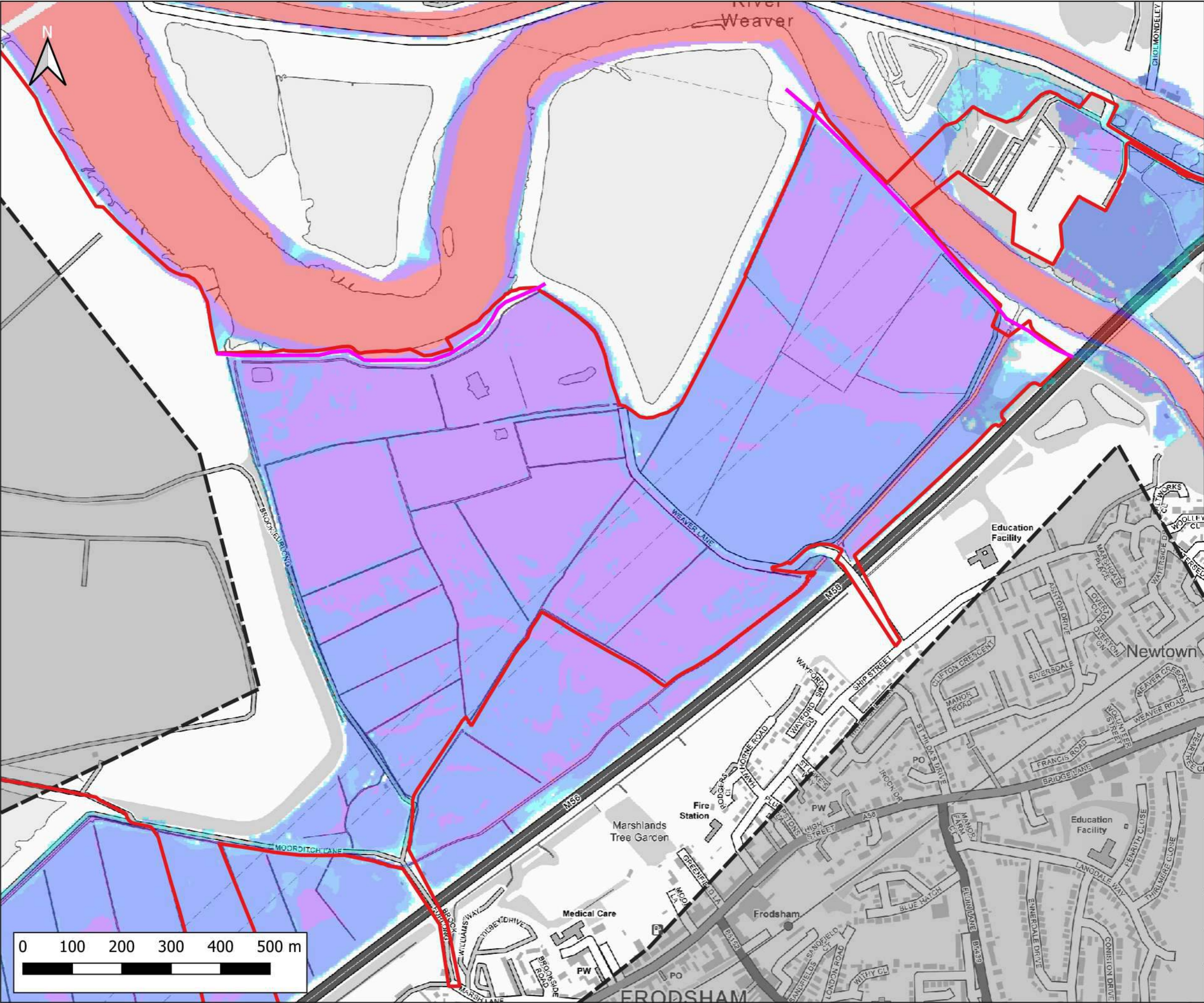
PLOT TITLE:  
River Weaver Maximum Flood Depth Difference  
1% AEP +67% CC Fluvial Event  
0.5% AEP Tidal Event (2075)  
Defended DEV - EXG

PLOT STATUS: FINAL DATE: 30-04-2025

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

PLOT NAME: 14740\_LW\_DEF\_DEV2-EXG\_Q100CC67\_M(LOW)\_ME(T200HC\_2075UE)\_052\_d\_Diff REVISION: -





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

**LEGEND**

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

Maximum Flood Depth

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

CLIENT:

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

SCHEME:

Frodsham Solar

PLOT TITLE:

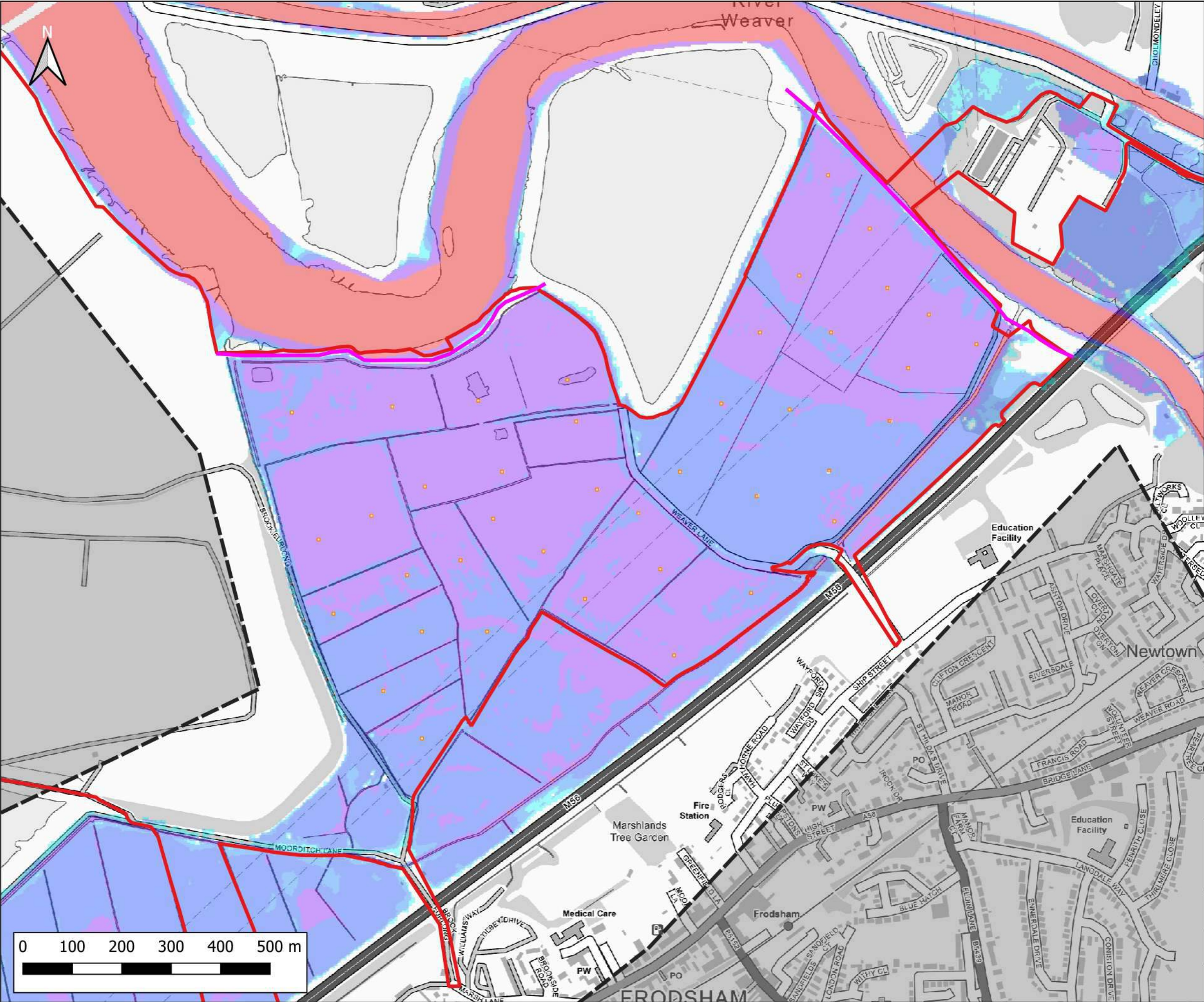
River Weaver Maximum Flood Depth  
1% AEP +106% CC Fluvial Event  
MWHS +CC Tidal Event  
Defended Existing Scenario (EXG)

PLOT STATUS:			DATE:
FINAL			30-04-2025

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

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





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

**LEGEND**

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

Maximum Flood Depth

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

Weston  
3  
12  
River Weaver  
East  
FRODSHAM

CLIENT:

Frodsham Solar Ltd

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

SCHEME:

Frodsham Solar

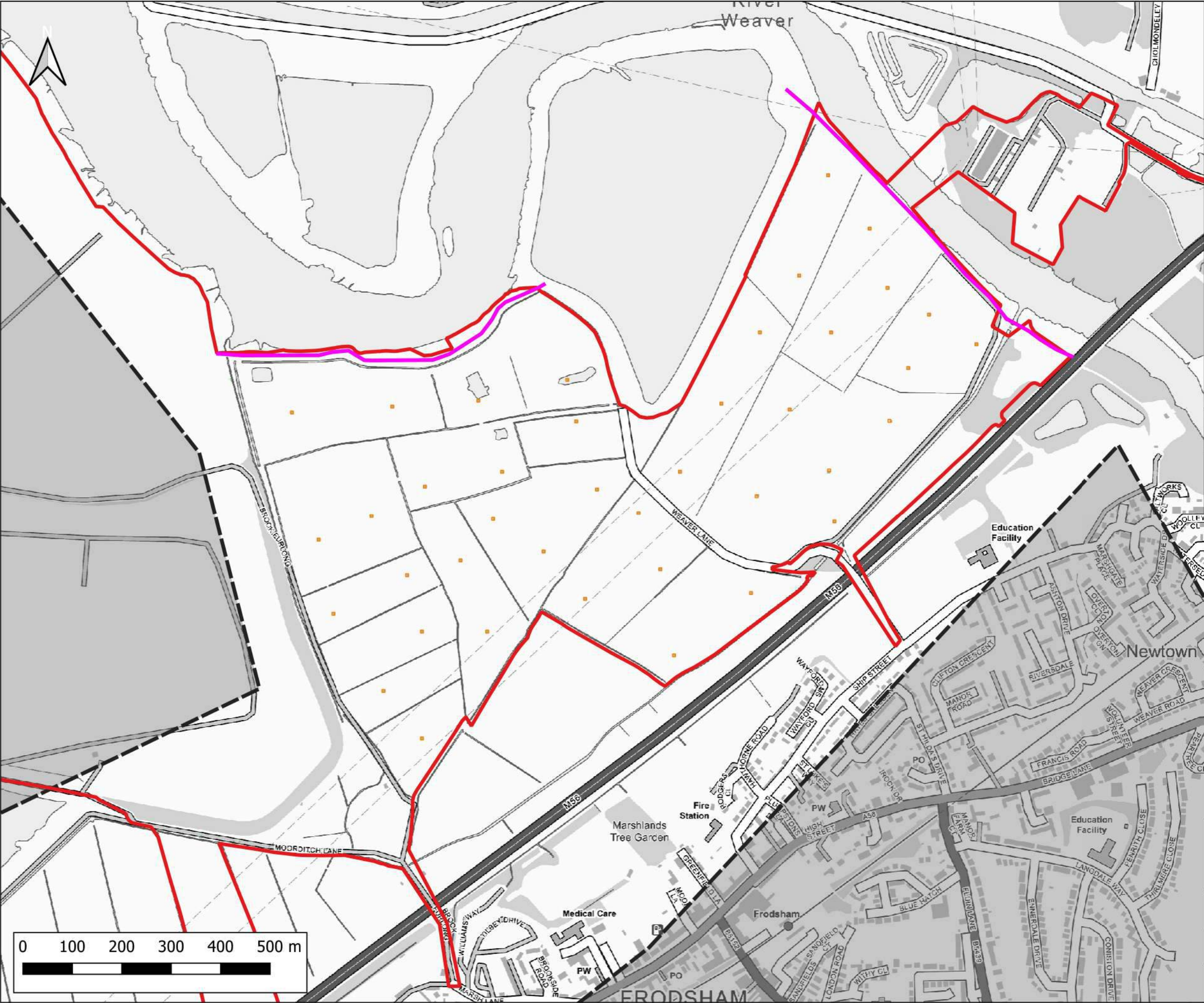
PLOT TITLE:  
River Weaver Maximum Flood Depth  
1% AEP +106% CC Fluvial Event  
MWHS +CC Tidal Event  
Defended Proposed Development Scenario (DEV)

PLOT STATUS: FINAL DATE: 30-04-2025

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

PLOT NAME: 14740\_LW\_DEF\_DEV2\_Q100CC106\_M(LOW)\_ME(MHWSCC)\_052\_d\_Max REVISION: -





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

**LEGEND**

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

Maximum Flood Depth Difference

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

CLIENT:

Frodsham Solar Ltd

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SCHEME:

Frodsham Solar

PLOT TITLE:

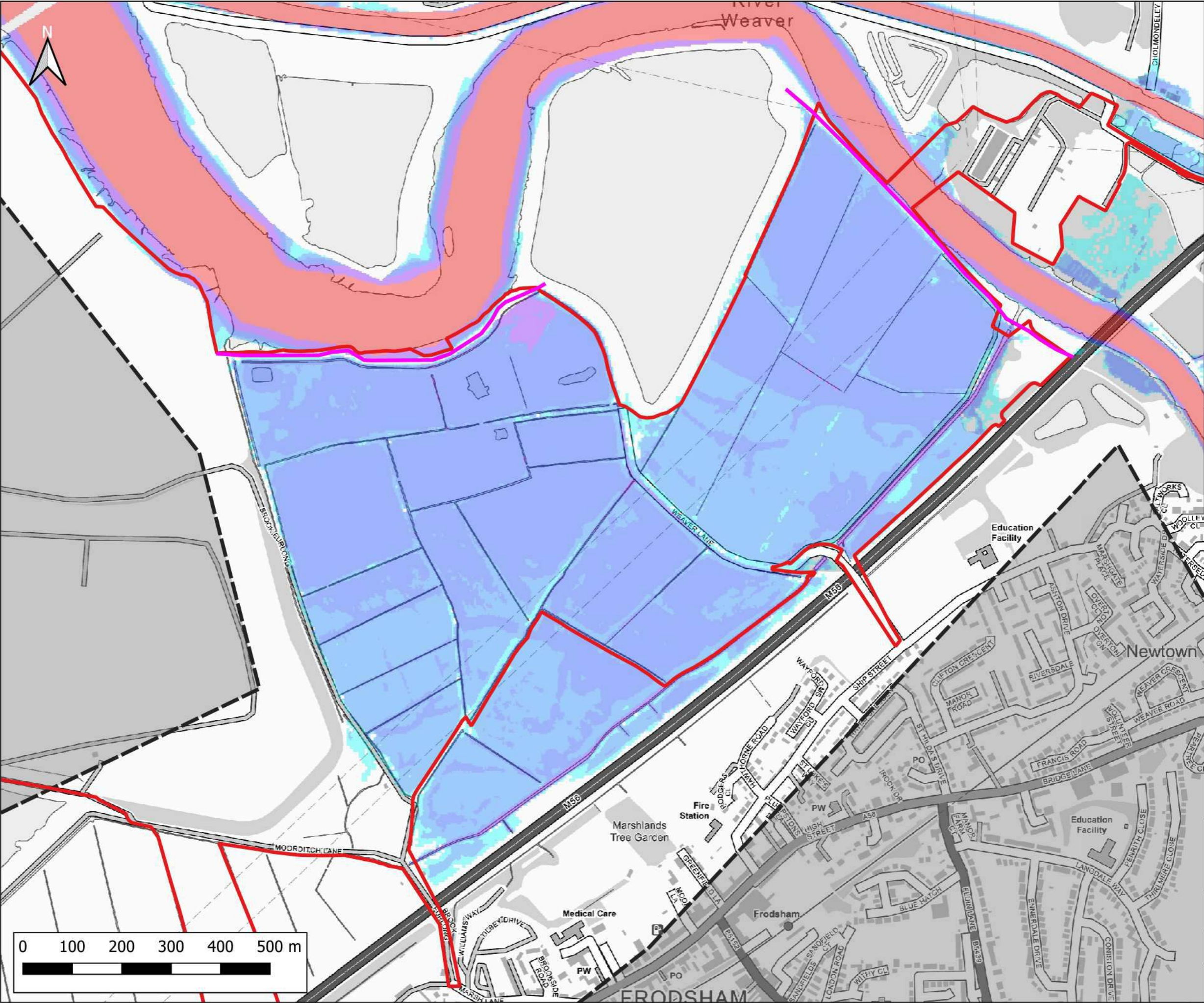
River Weaver Maximum Flood Depth Difference  
1% AEP +106% CC Fluvial Event  
MWHS +CC Tidal Event  
Defended DEV - EXG

PLOT STATUS:		DATE:	
FINAL		30-04-2025	

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

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





Notes:  
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:

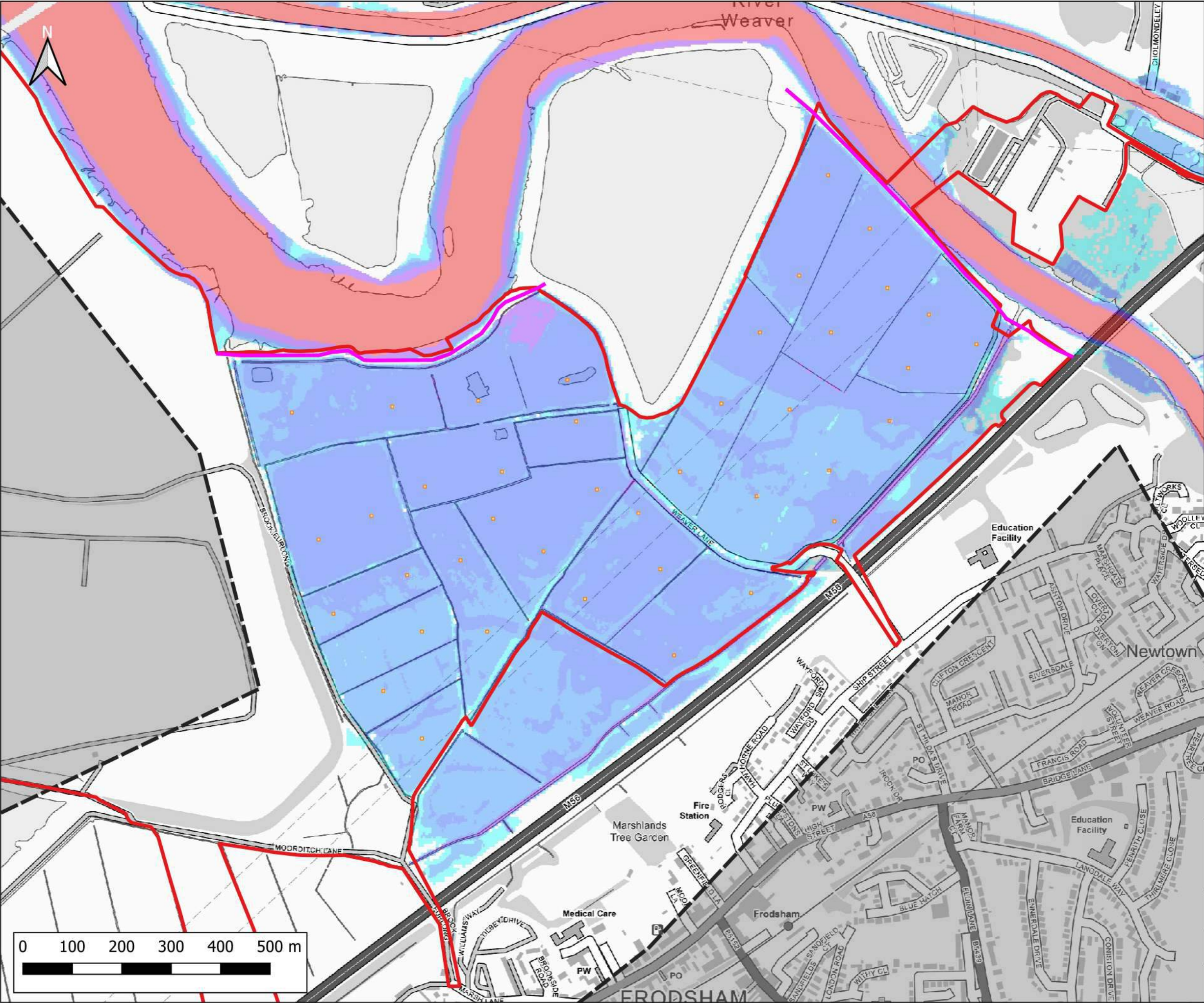
River Weaver Maximum Flood Depth  
0.1% AEP Fluvial Event  
MWHs Tidal Event  
Defended Existing Scenario (EXG)

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(LW)_ME(MHWS)_052_d_Max	-





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

**LEGEND**

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

Maximum Flood Depth

- <- 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:

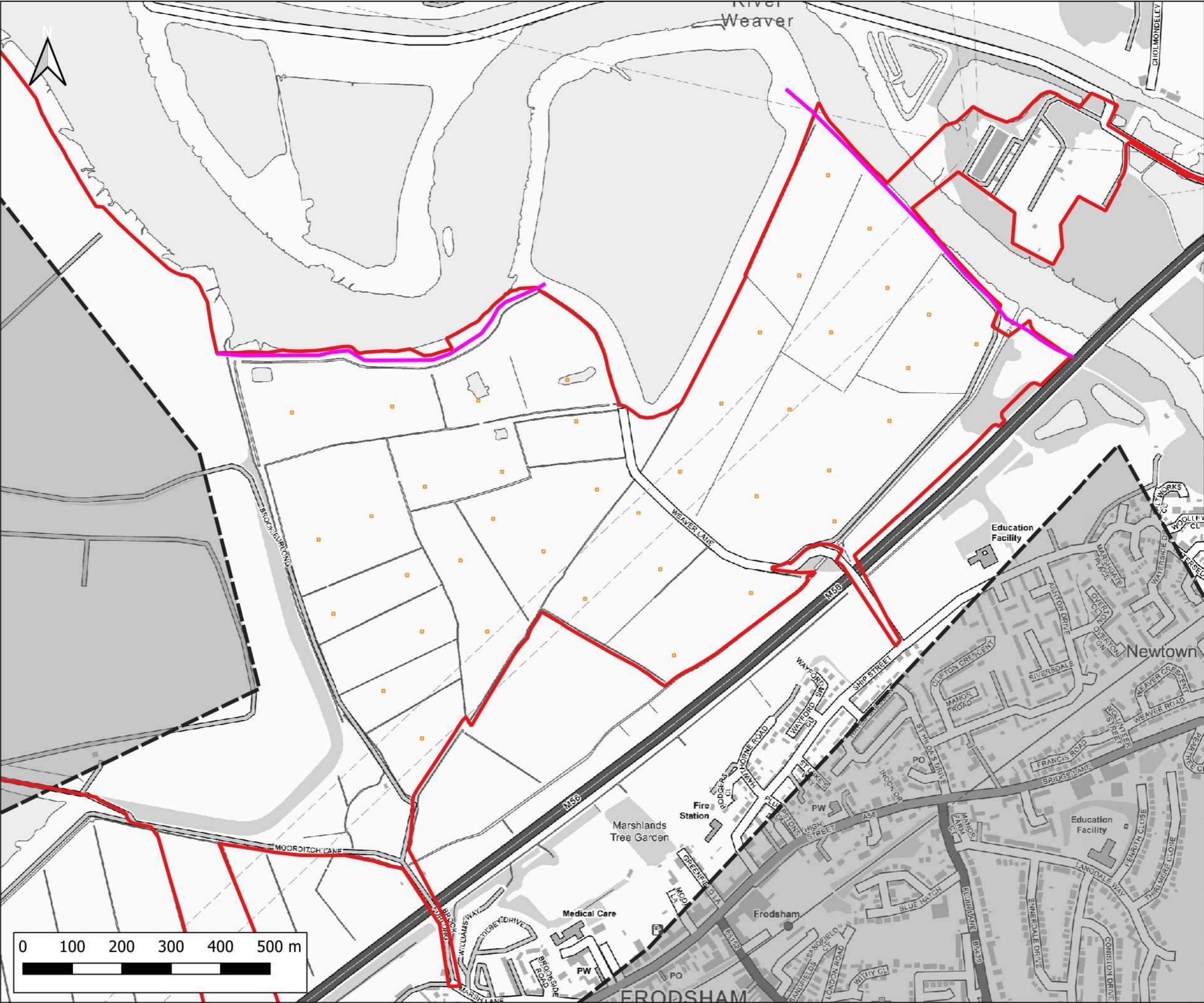
River Weaver Maximum Flood Depth  
0.1% AEP Fluvial Event  
MWS Tidal Event  
Defended Proposed Development Scenario (DEV)

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	-





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

www.waterco.co.uk

SCHEME:

Frodsham Solar

PLOT TITLE:

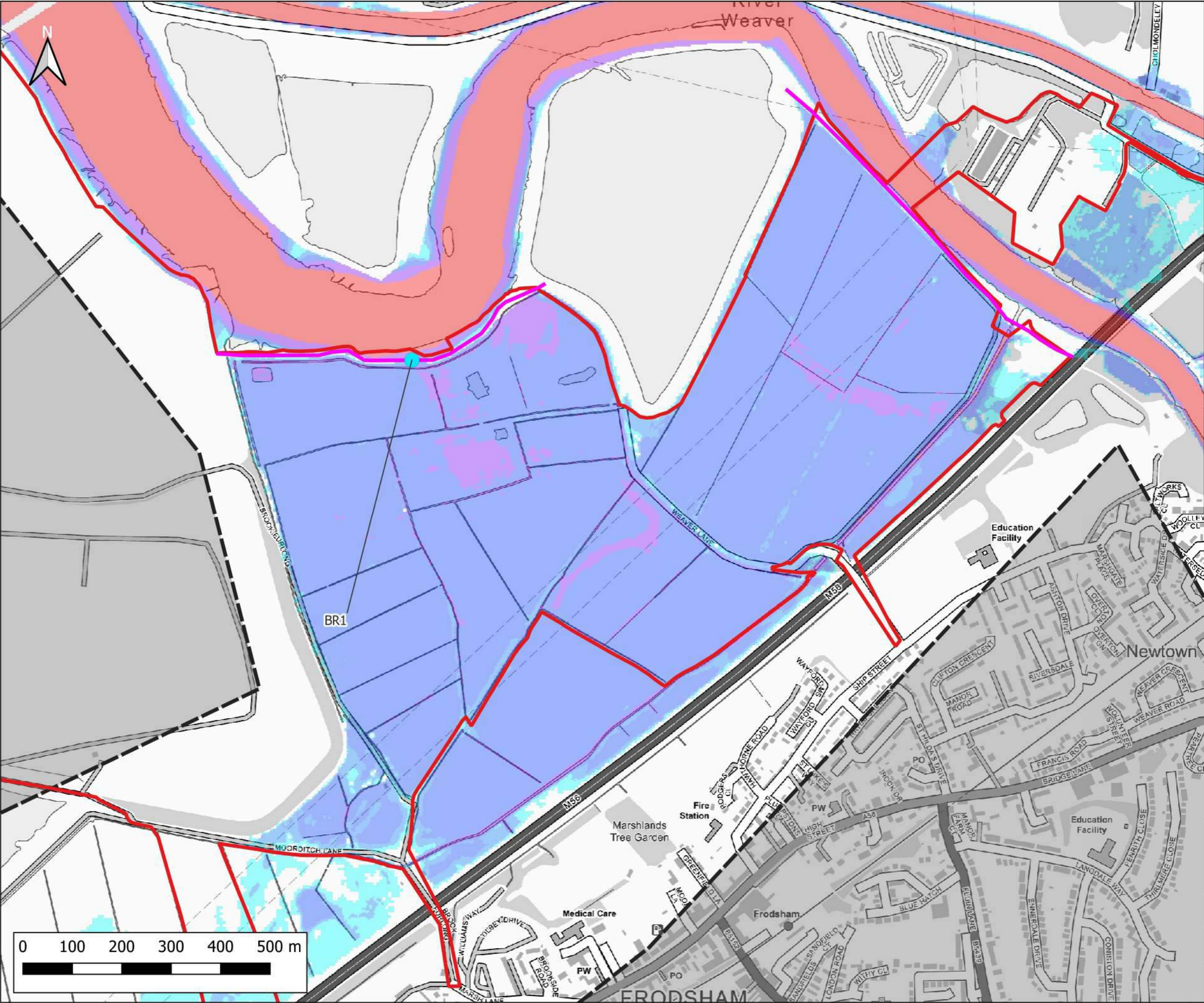
River Weaver Maximum Flood Depth Difference  
0.1% AEP Fluvial Event  
MWHs Tidal Event  
Defended DEV - EXG

PLOT STATUS:		DATE:	
FINAL		30-04-2025	

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

PLOT NAME:	REVISION:
14740_LW_DEF_DEV2-EXG_Q1000_M(LOW)_NE(MHWS)_052_d_Diff	-





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

**LEGEND**

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

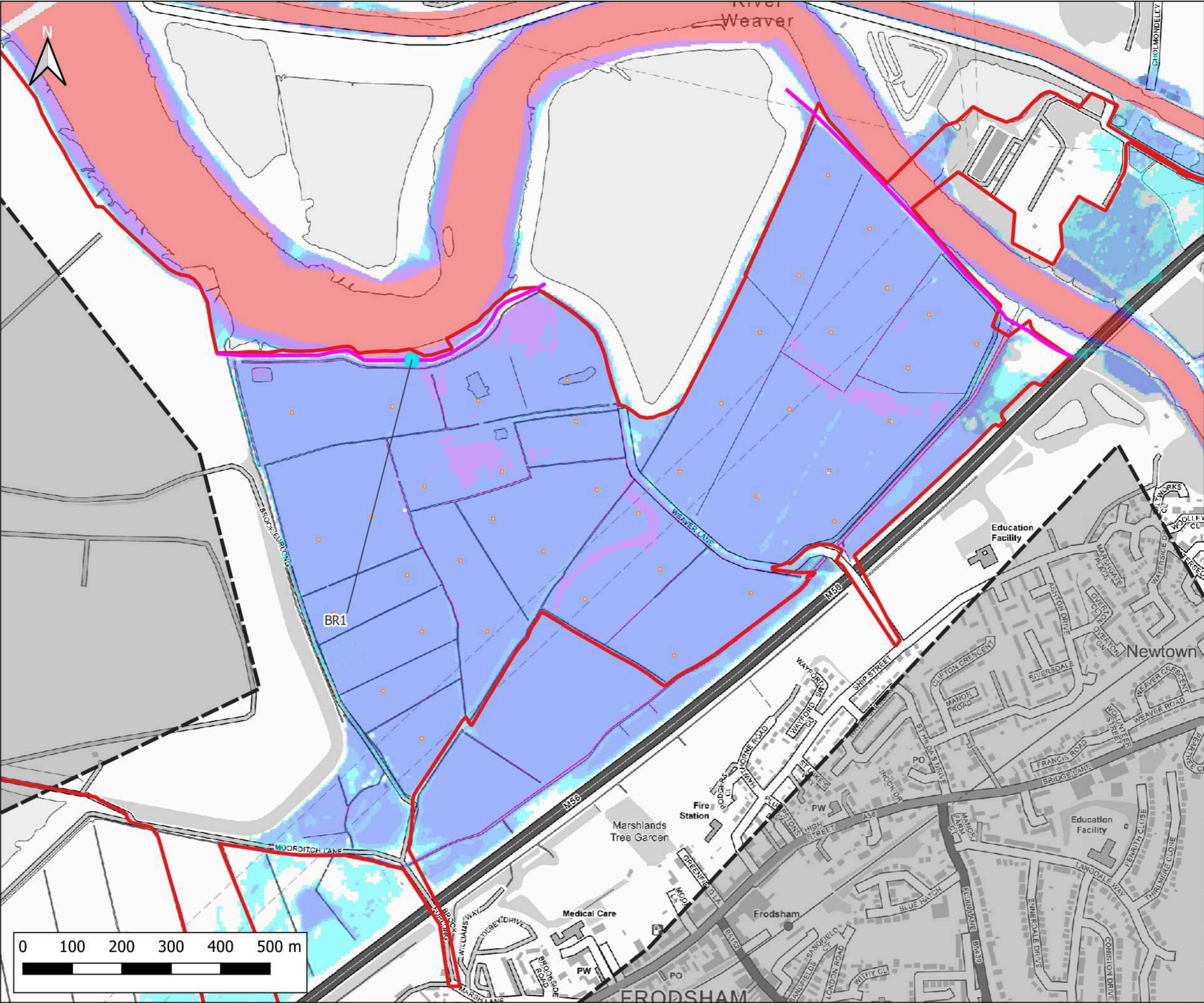
River Weaver Maximum Flood Depth  
1% AEP +67% CC Fluvial Event  
MWHS +CC Tidal Event  
Breach 1 Existing Scenario (EXG)

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	-





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

**LEGEND**

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

Maximum Flood Depth

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

Weston

East

FRODSHAM

CLIENT:

Frodsham Solar Ltd

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

SCHEME:

Frodsham Solar

PLOT TITLE:

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

PLOT STATUS:

FINAL

DATE:

30-04-2025

DRAWN:

MH

CHECKED:

AP

APPROVED:

LS

PLOT SCALE AT A3:

1:7500

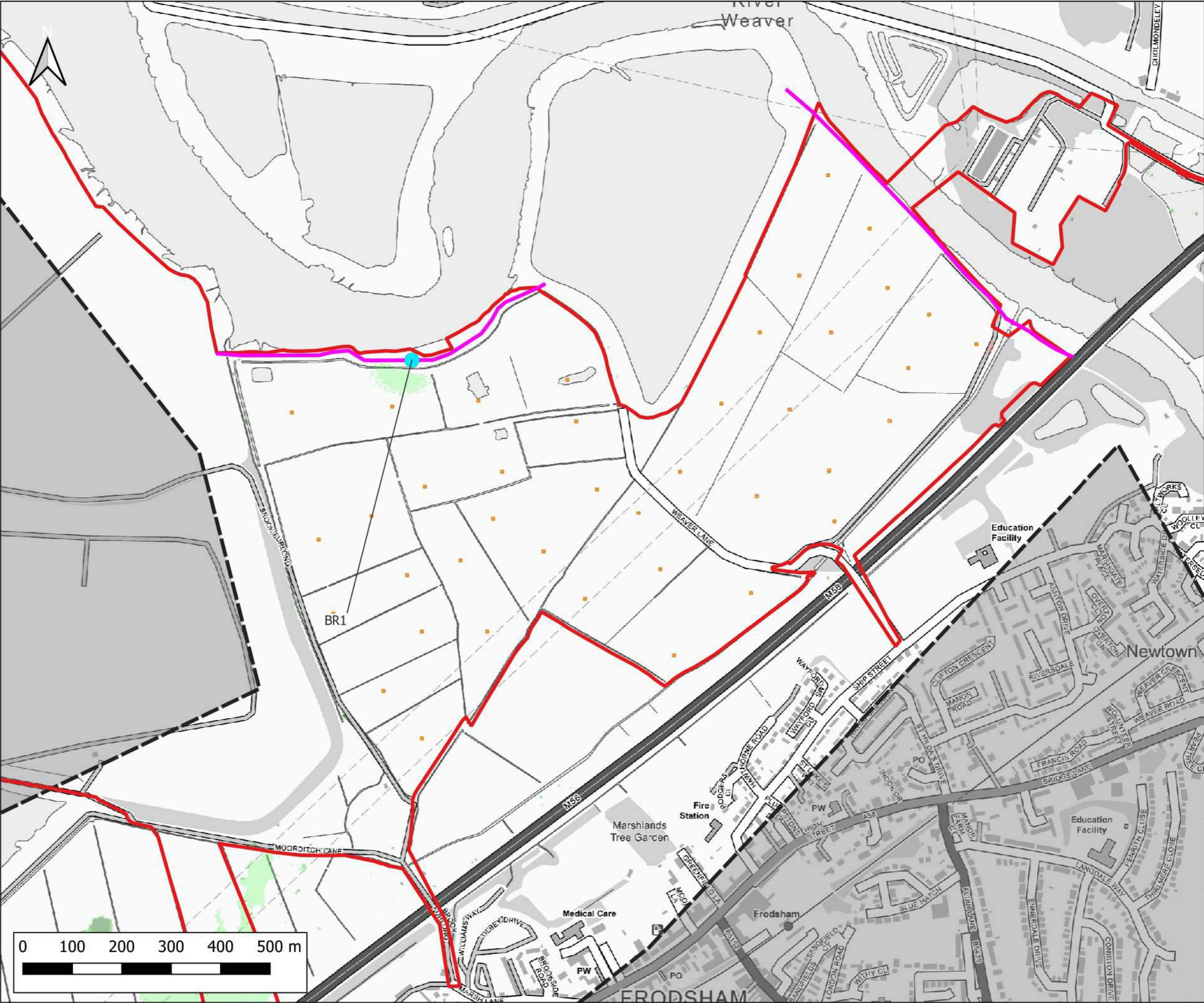
PLOT NAME:

14740\_LW\_BR1\_DEV2\_Q100CC57\_M(LOW)\_ME(MHWSCC)\_052\_d\_Max

REVISION:

-





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

**LEGEND**

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

SCHEME:

Frodsham Solar

PLOT TITLE:

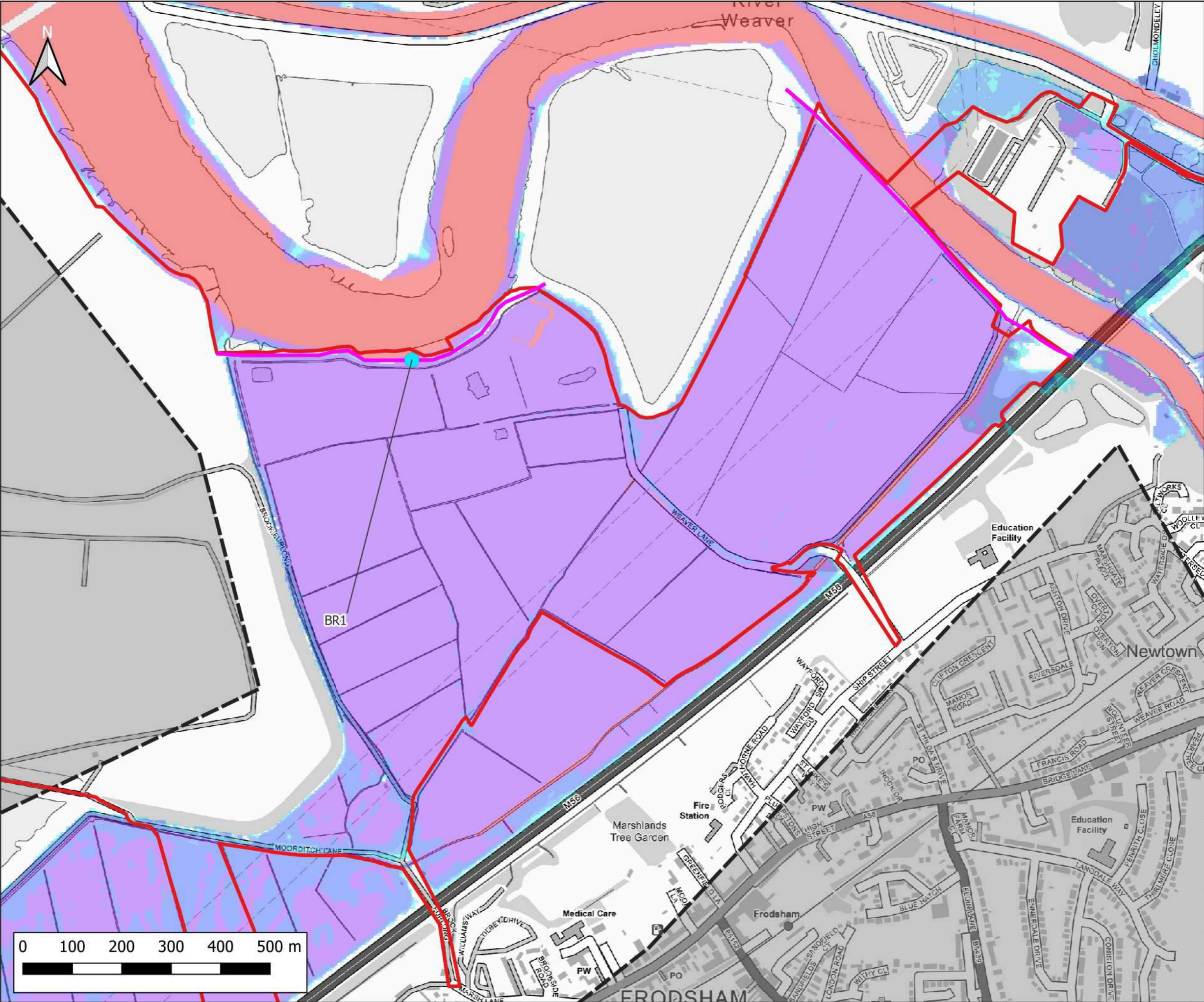
River Weaver Maximum Flood Depth Difference  
1% AEP +67% CC Fluvial Event  
MWHS +CC Tidal Event  
Breach 1 DEV - EXG

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(LW)_ME(MHWSCC)_052_d_Diff	-





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

**LEGEND**

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

Maximum Flood Depth

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

CLIENT:

Frodsham Solar Ltd

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

SCHEME:

Frodsham Solar

PLOT TITLE:

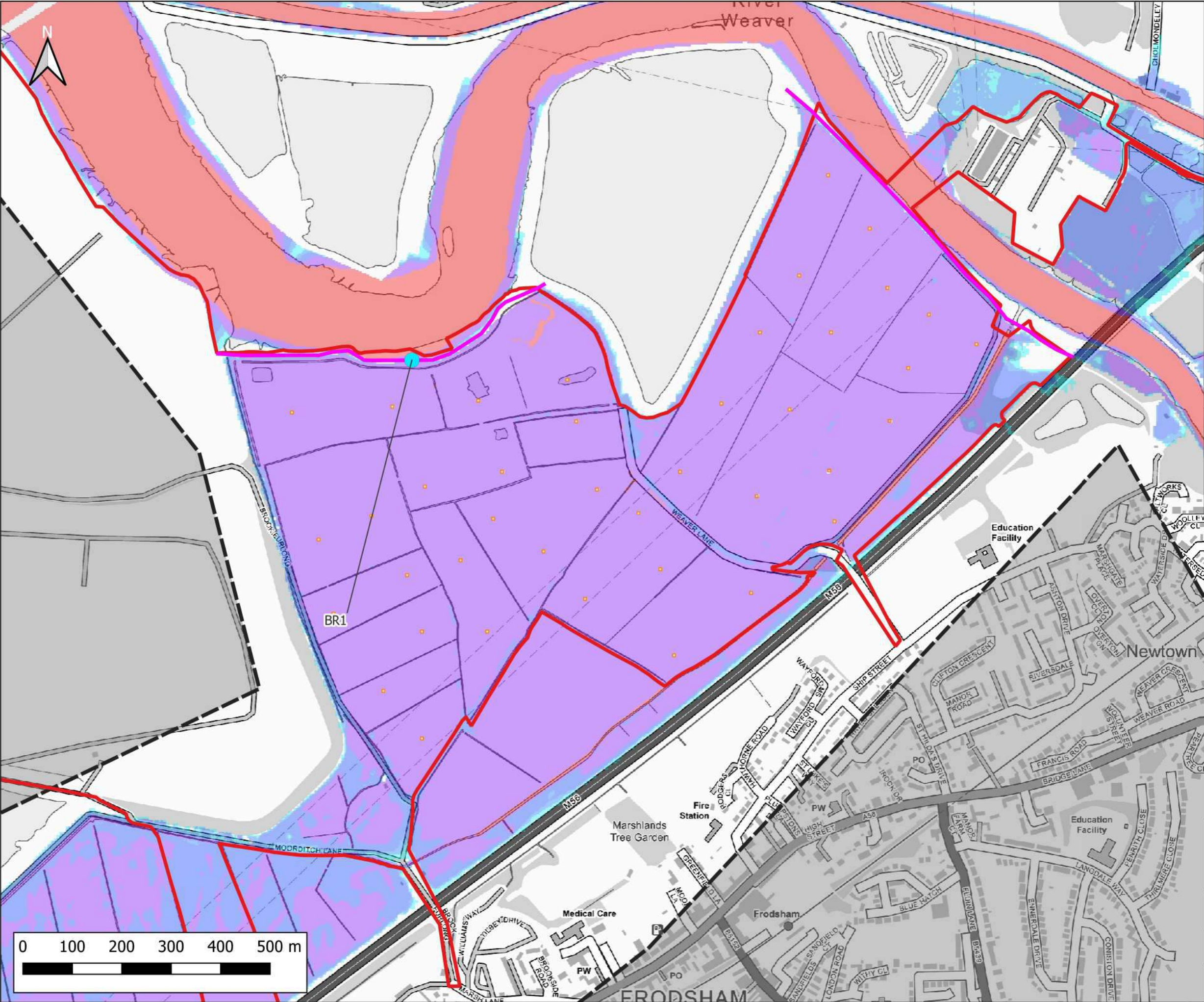
River Weaver Maximum Flood Depth  
1% AEP +67% CC Fluvial Event  
0.5% AEP Tidal Event (2075)  
Breach 1 Existing Scenario (EXG)

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)_ME(T200HC_2075UE)_052_d_Max	-





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

**LEGEND**

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

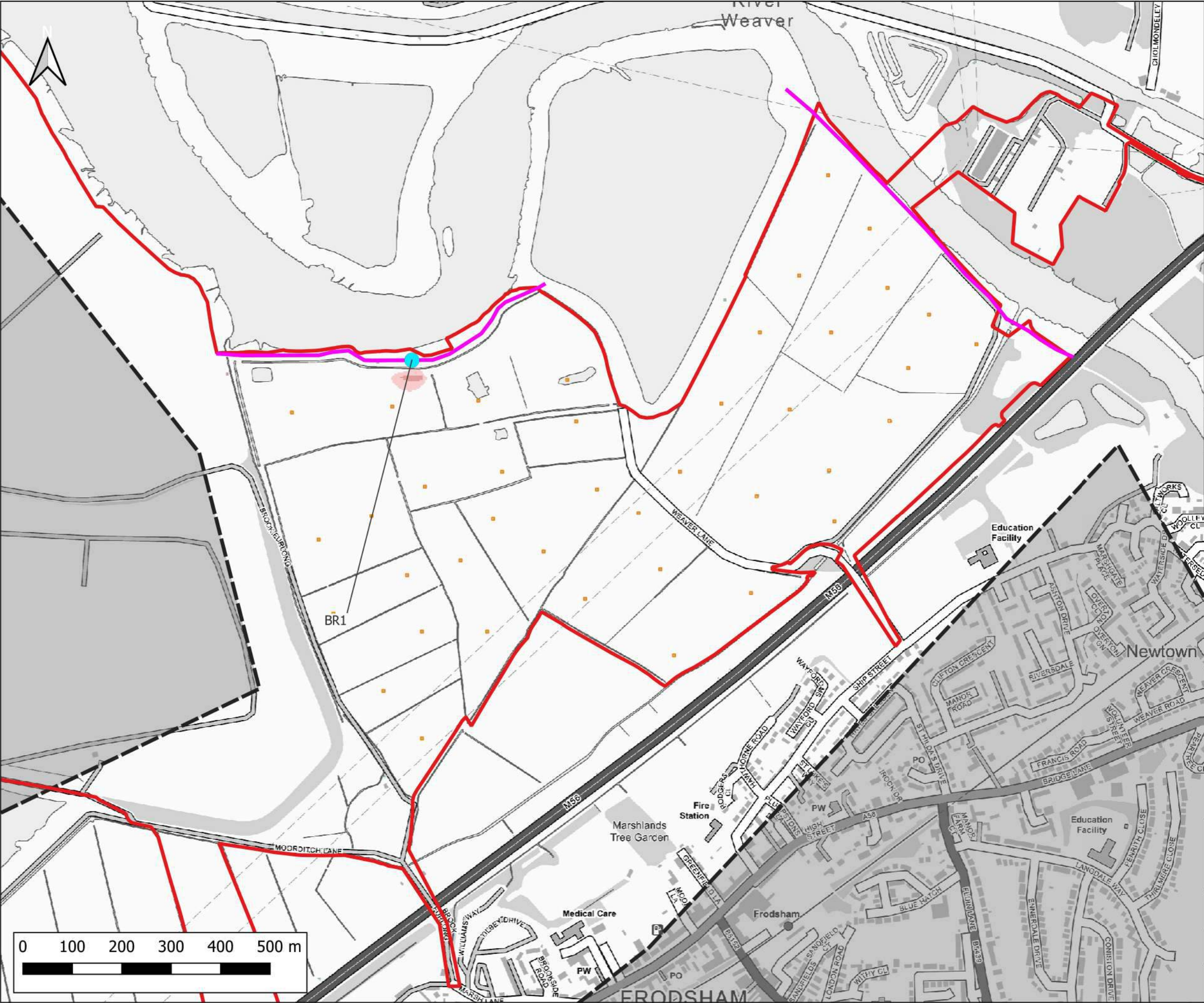
River Weaver Maximum Flood Depth  
1% AEP +67% CC Fluvial Event  
0.5% AEP Tidal Event (2075)  
Breach 1 Proposed Development Scenario (DEV)

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_Q100CC57_M(LOW)_NE(T200HC_2075UE)_052_d_Max	-





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

**LEGEND**

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

Maximum Flood Depth Difference

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

Weston

East

FRODSHAM

CLIENT:

Frodsham Solar Ltd

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

SCHEME:

Frodsham Solar

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

PLOT STATUS: FINAL

DATE: 30-04-2025

DRAWN: MH

CHECKED: AP

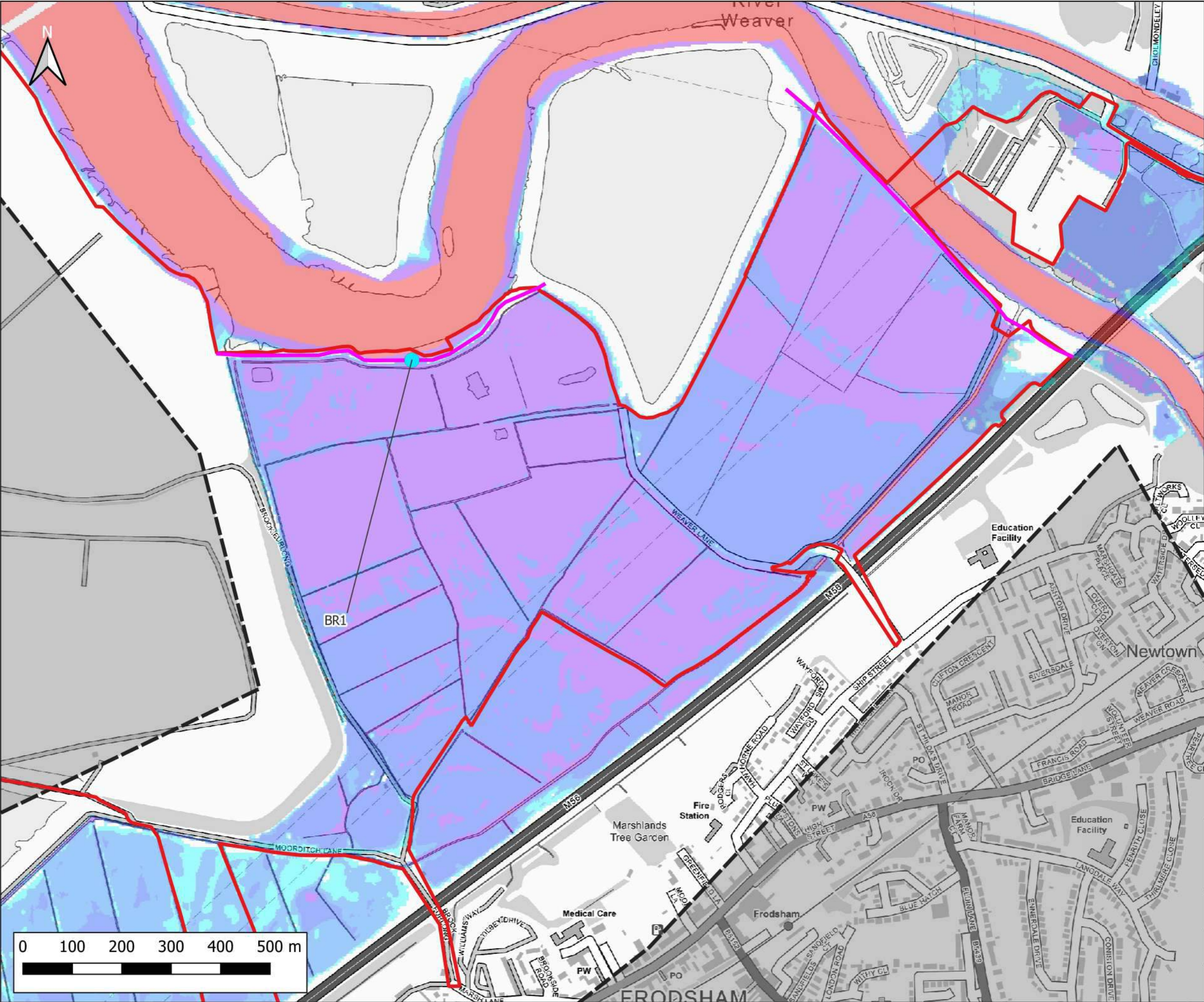
APPROVED: LS

PLOT SCALE AT A3: 1:7500

PLOT NAME: 14740\_LW\_BR1\_DEV2-EXG\_Q100CC67\_M(LOW)\_ME(T200HC\_2075UE)\_052\_d\_Diff

REVISION: -





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

**LEGEND**

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

Maximum Flood Depth

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

CLIENT:

Frodsham Solar Ltd

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

SCHEME:

Frodsham Solar

PLOT TITLE:

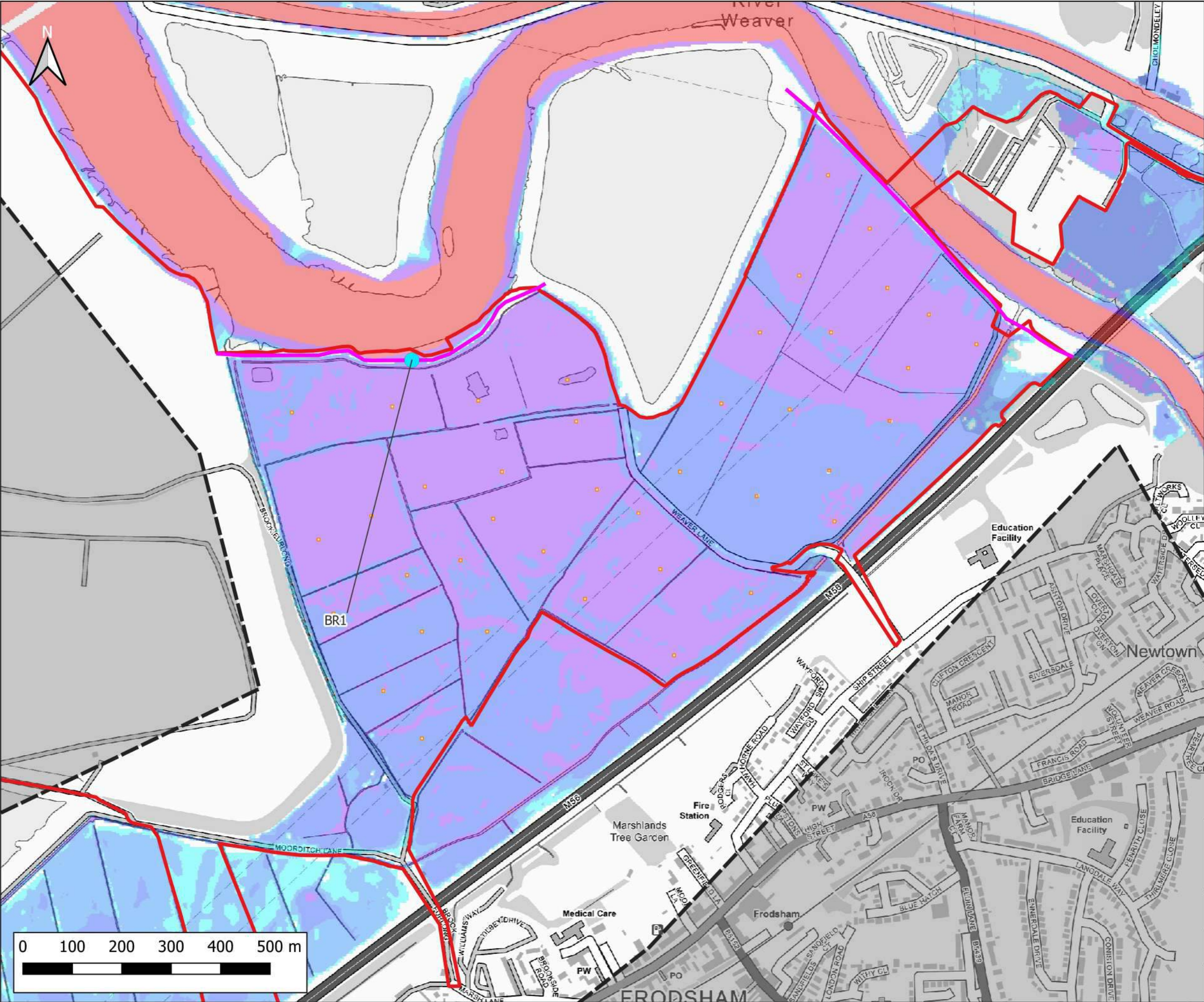
River Weaver Maximum Flood Depth  
1% AEP +106% CC Fluvial Event  
MWHS +CC Tidal Event  
Breach 1 Existing Scenario (EXG)

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(L)W_ME(MHWS)CC_052_d_Max	-





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

**LEGEND**

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

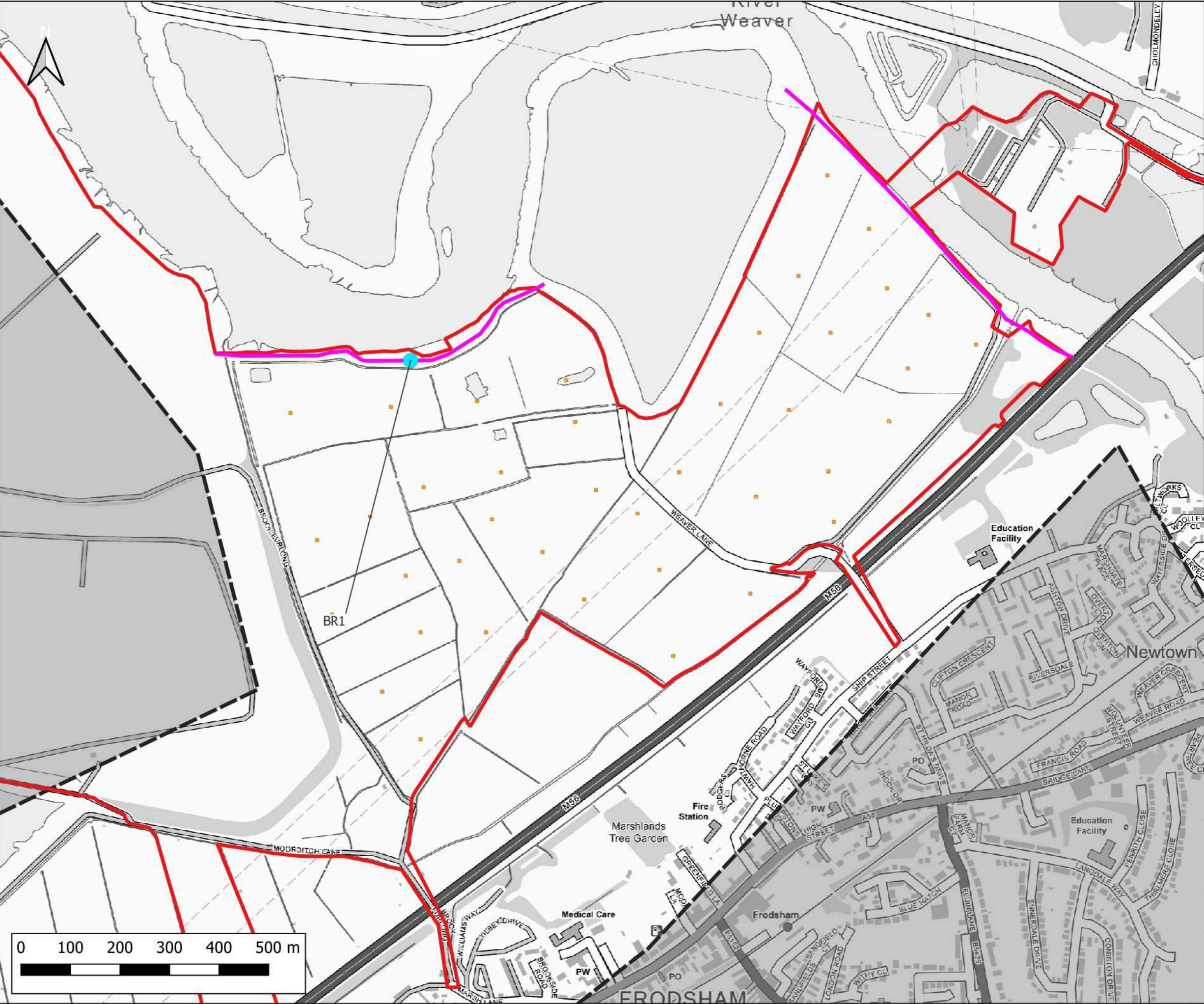
River Weaver Maximum Flood Depth  
1% AEP +106% CC Fluvial Event  
MWHS +CC Tidal Event  
Breach 1 Proposed Development Scenario (DEV)

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	-





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

**LEGEND**

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

Maximum Flood Depth Difference

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

Weston  
3  
12  
River Weaver  
East  
FRODSHAM

CLIENT:

Frodsham Solar Ltd

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

SCHEME:

Frodsham Solar

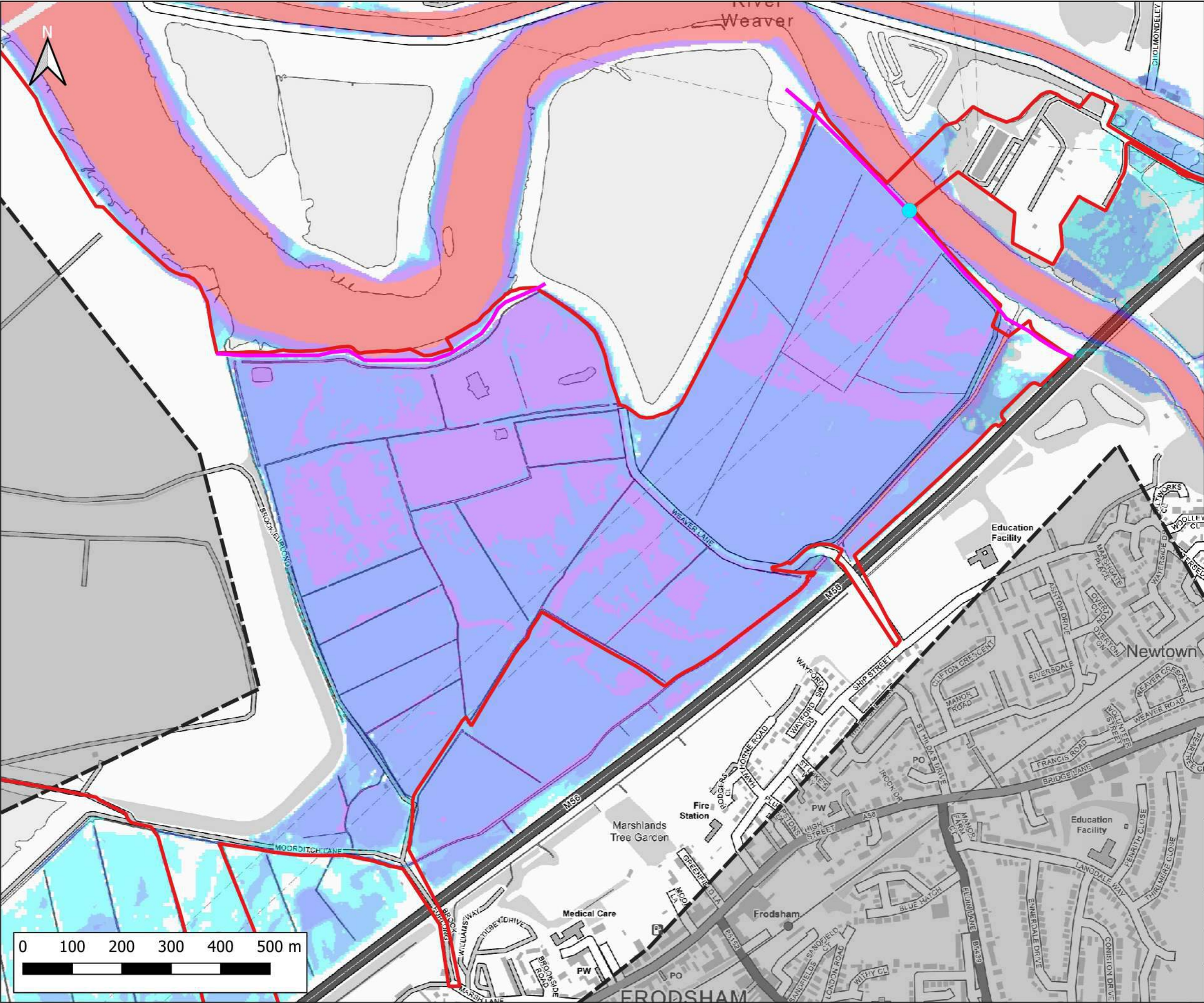
PLOT TITLE:  
River Weaver Maximum Flood Depth Difference  
1% AEP +106% CC Fluvial Event  
MWHS +CC Tidal Event  
Breach 1 DEV - EXG

PLOT STATUS: FINAL DATE: 30-04-2025

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

PLOT NAME: 14740\_LW\_BR1\_DEV2-EXG\_Q100CC106\_M(LDW)\_ME(MHWSCC)\_052\_d\_Diff REVISION: -





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

**LEGEND**

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

Maximum Flood Depth

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

Weston  
3  
12  
River Weaver  
East  
FRODSHAM

CLIENT:  
Frodsham Solar Ltd

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

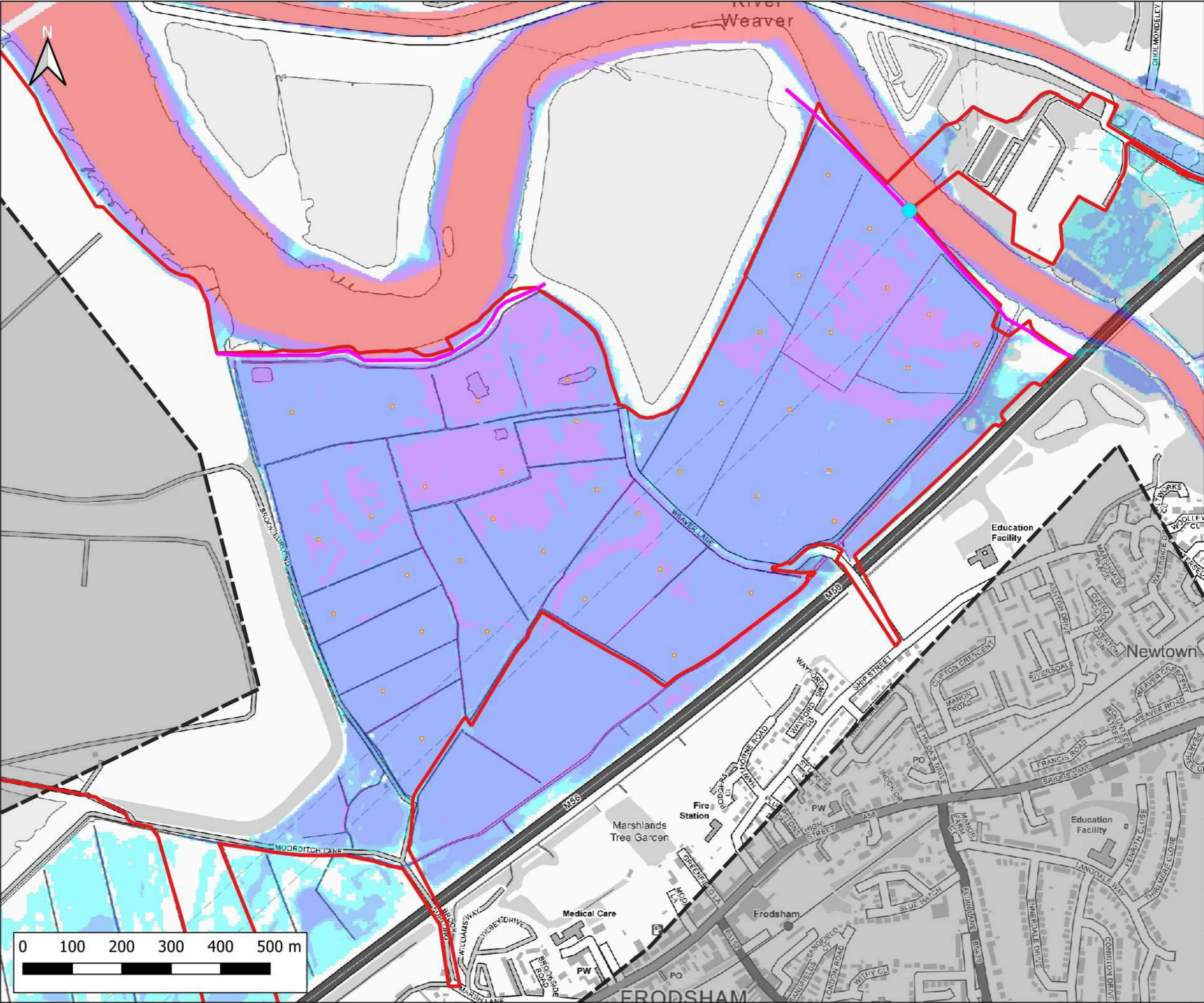
SCHEME:  
Frodsham Solar

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

PLOT STATUS: FINAL		DATE: 30-04-2025
DRAWN: MH	CHECKED: AP	APPROVED: LS
PLOT NAME: 14740_LW_BR2_EXG_Q100CC67_M(LOW)_ME(MHWSCC)_052_d_Max		REVISION: -

PLOT SCALE AT A3:  
1:7500





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

**LEGEND**

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

Maximum Flood 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:

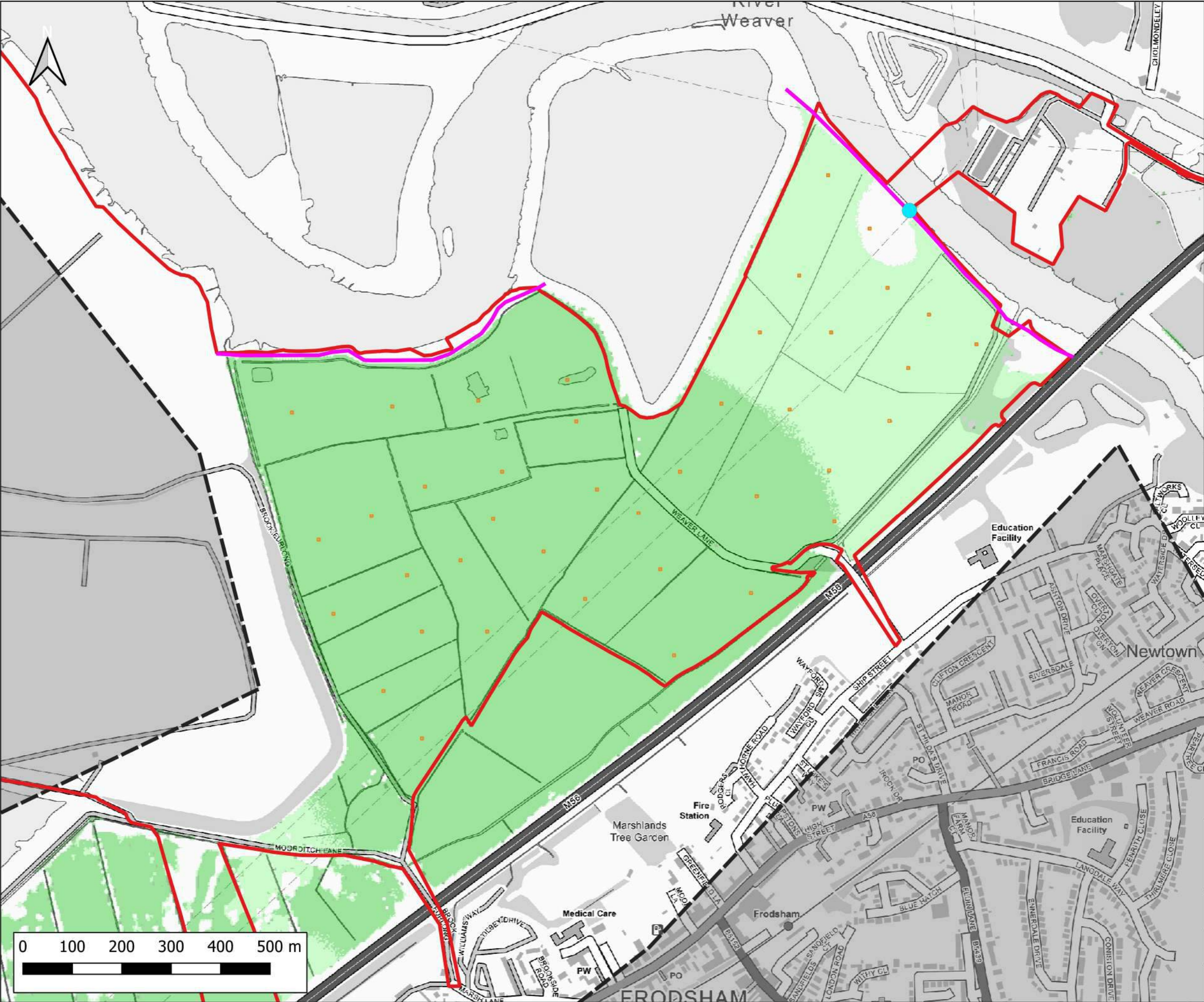
River Weaver Maximum Flood Depth  
1% AEP +67% CC Fluvial Event  
MWHS +CC Tidal Event  
Breach 2 Proposed Development Scenario (DEV)

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_Q100CC57_M(L)W_ME(MHWS)C_052_d_Max	-





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

**LEGEND**

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

Maximum Flood Depth Difference

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

Weston  
3  
12  
River Weaver  
East  
FRODSHAM

CLIENT:

Frodsham Solar Ltd

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

SCHEME:

Frodsham Solar

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

PLOT STATUS: FINAL DATE: 30-04-2025

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

PLOT NAME: 14740\_LW\_BR2\_DEV2-EXG\_Q100CC67\_M(L0W)\_ME(MHWSCC)\_052\_d\_Diff REVISION: -