



## **Frodsham Solar**

### **Environmental Statement: Volume 2**

#### **Appendix 9-1: Flood Risk Assessment and Drainage Strategy Part 3 of 5**

**May-July 2025**



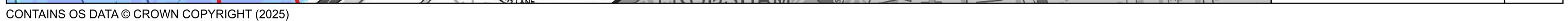
PINS Ref: EN010153

Document Ref: EN010153/DR/6.2

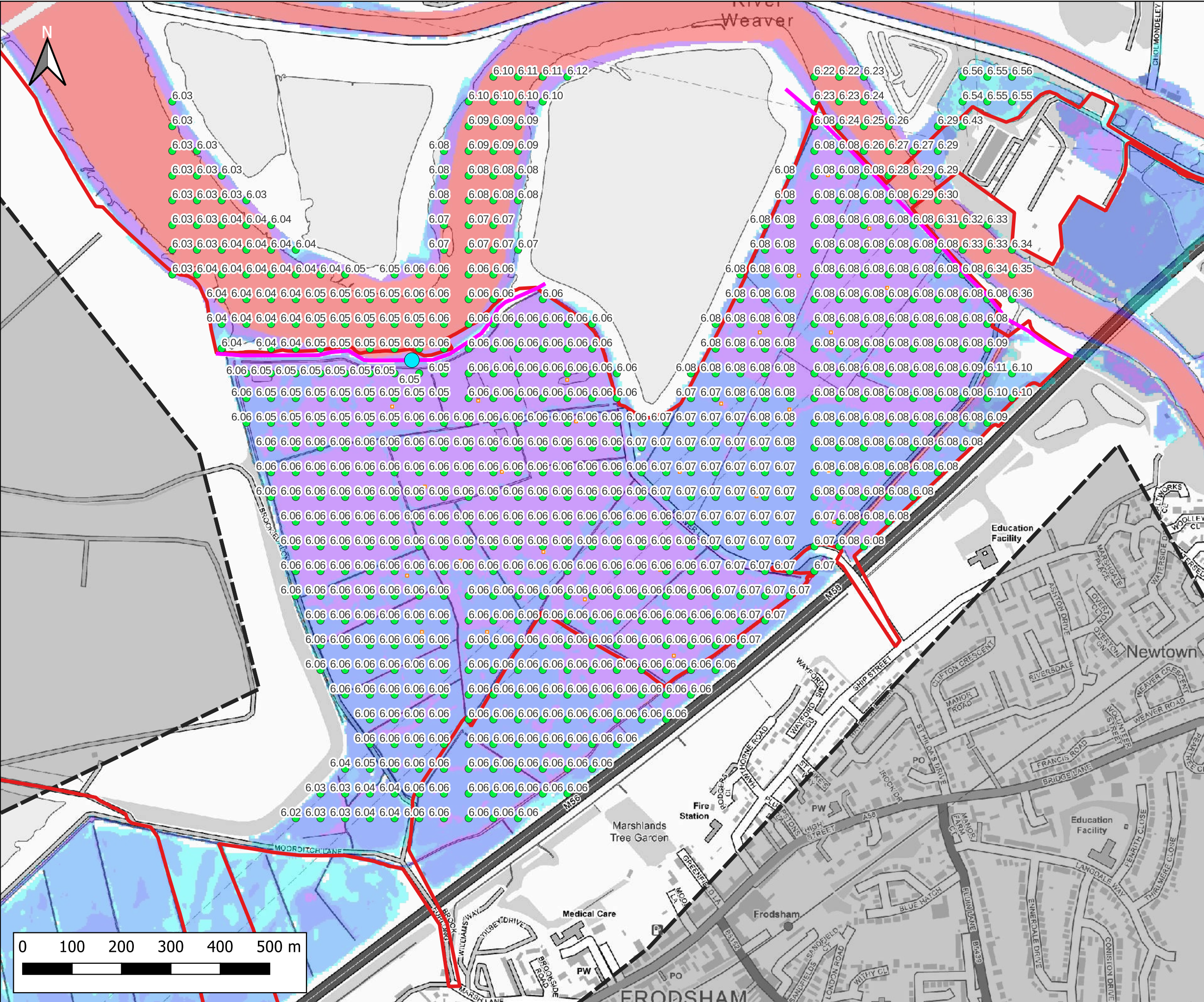
**Planning Act 2008; and Infrastructure Planning (Applications:  
Prescribed Forms and Procedure) Regulations Regulation 5(2)(e)**

**Revision P01P02**









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

**LEGEND**

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

Maximum Flood Depth

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

CLIENT:

Frodsham Solar Ltd

www.waterco.co.uk

SCHEME:

Frodsham Solar

PLOT TITLE:

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

PLOT STATUS:		DATE:	
FINAL		30-04-2025	

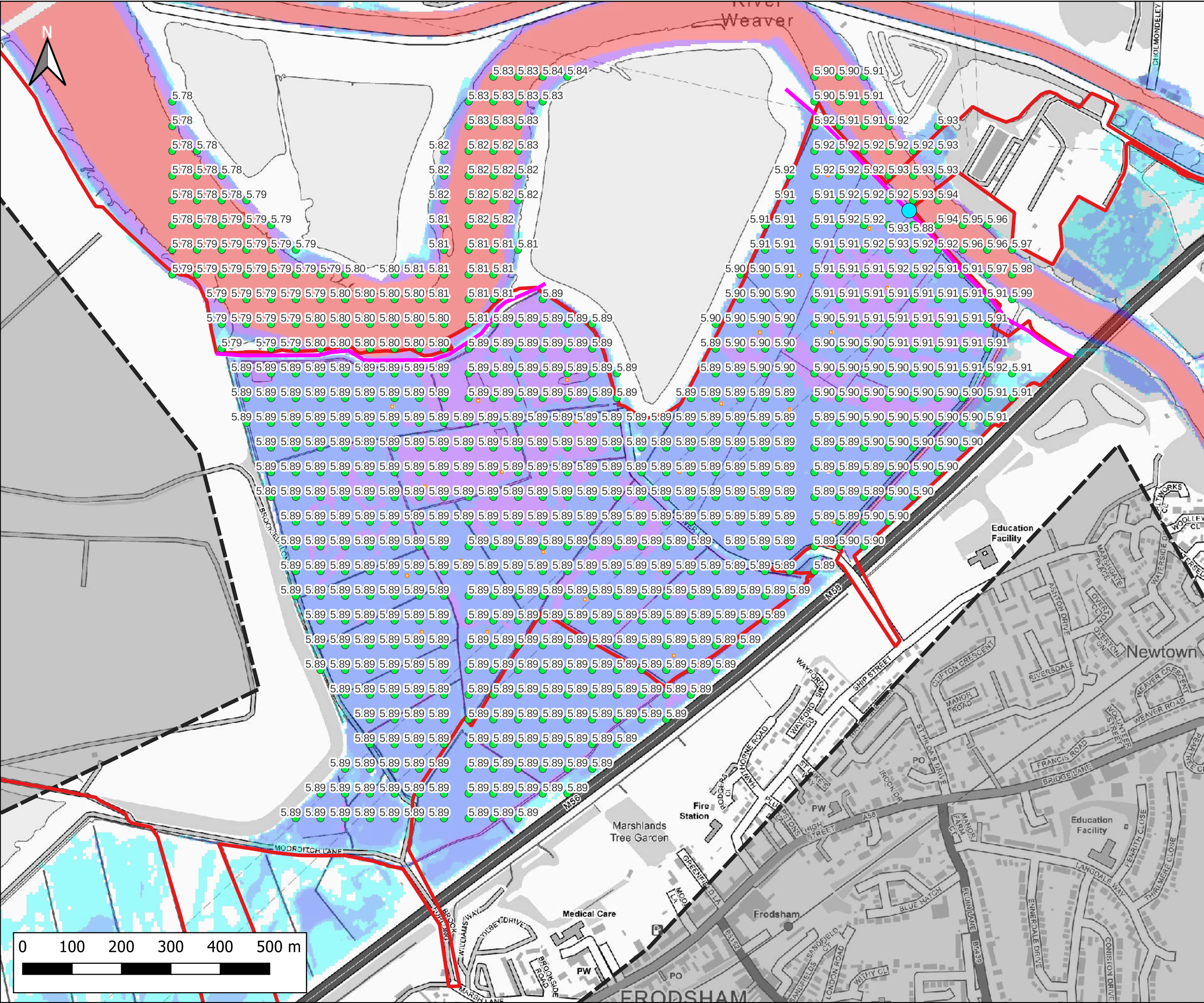
DRAWN:	CHECKED:	APPROVED:	PLOT SCALE AT A3:
MH	AP	LS	1:7500

PLOT NAME:	REVISION:
14740_LW_BR1_DEV2_Q100CC106_M(LOW)_ME(MHWSCC)_052_h_Max	-









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

**LEGEND**

- Site Boundary
- 2D Model Extent
- River Weaver Flood Defences
- Proposed Volume Displacement
- Breach 2 Location (BR2)
- Maximum Water Level (m AOD)

Maximum Flood Depth

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

CLIENT:  
**Frodsham Solar Ltd**

**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 2 Proposed Development Scenario (DEV)

PLOT STATUS:  
FINAL

DATE:  
30-04-2025

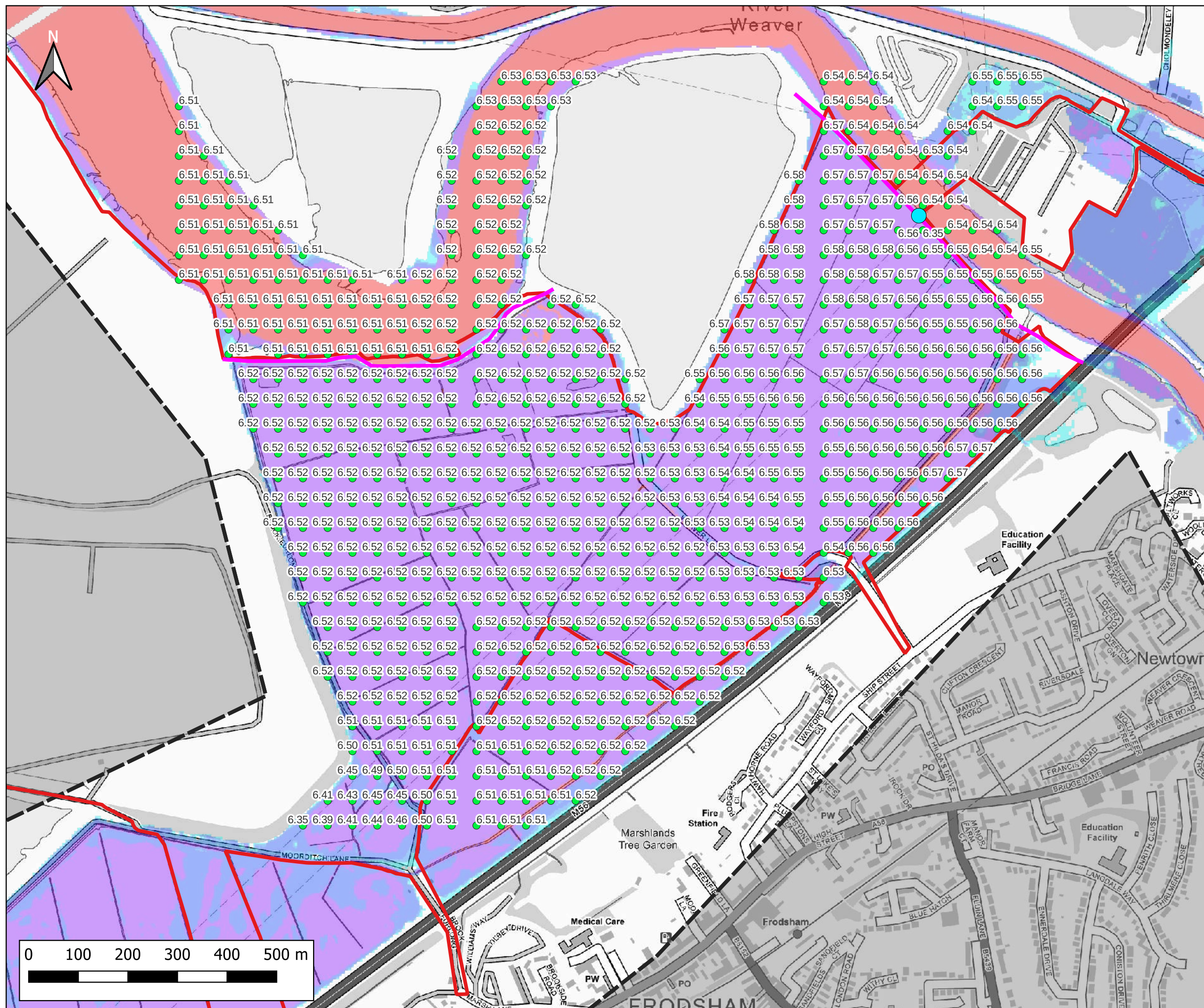
DRAWN: MH  
CHECKED: AP  
APPROVED: LS

PLOT SCALE AT A3:  
1:7500

PLOT NAME:  
14740\_LW\_BR2\_DEV2\_Q100CC67\_M(L)W\_ME(MHWS)CC\_052\_h\_Max






REVISION:  
-





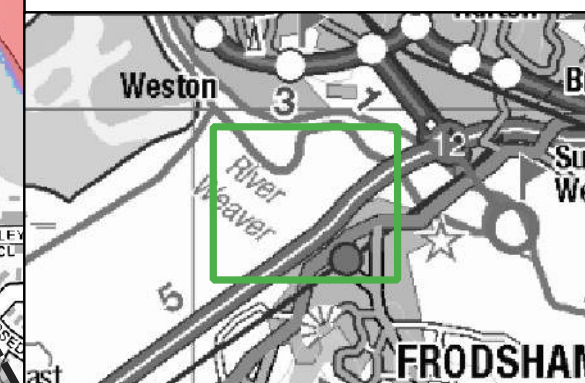
Notes:
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

### LEGEND

-  Site Boundary
-  2D Model Extent
-  River Weaver Flood Defences
-  Breach 2 Location (BR2)
-  Maximum Water Level (m AOD)

Maximum Flood Depth

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



CLIENT:

Frodsham Solar Ltd



SCHEME:

## Frodsham Solar

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

PLOT STATUS:

FINAL

DATE:	30-04-2025
-------	------------

DRAWN:  
MH

CHECKED:	AP
----------	----

APPROVED
LS

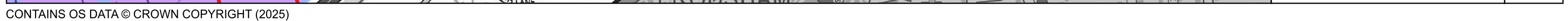
PLOT SCALE AT A3:	1:7500

**PLOT NAME:**  
14740\_LW\_BR2\_EXG\_Q100CC67\_M(LOW)\_ME(T200HC\_2075UE)\_052\_h\_Max

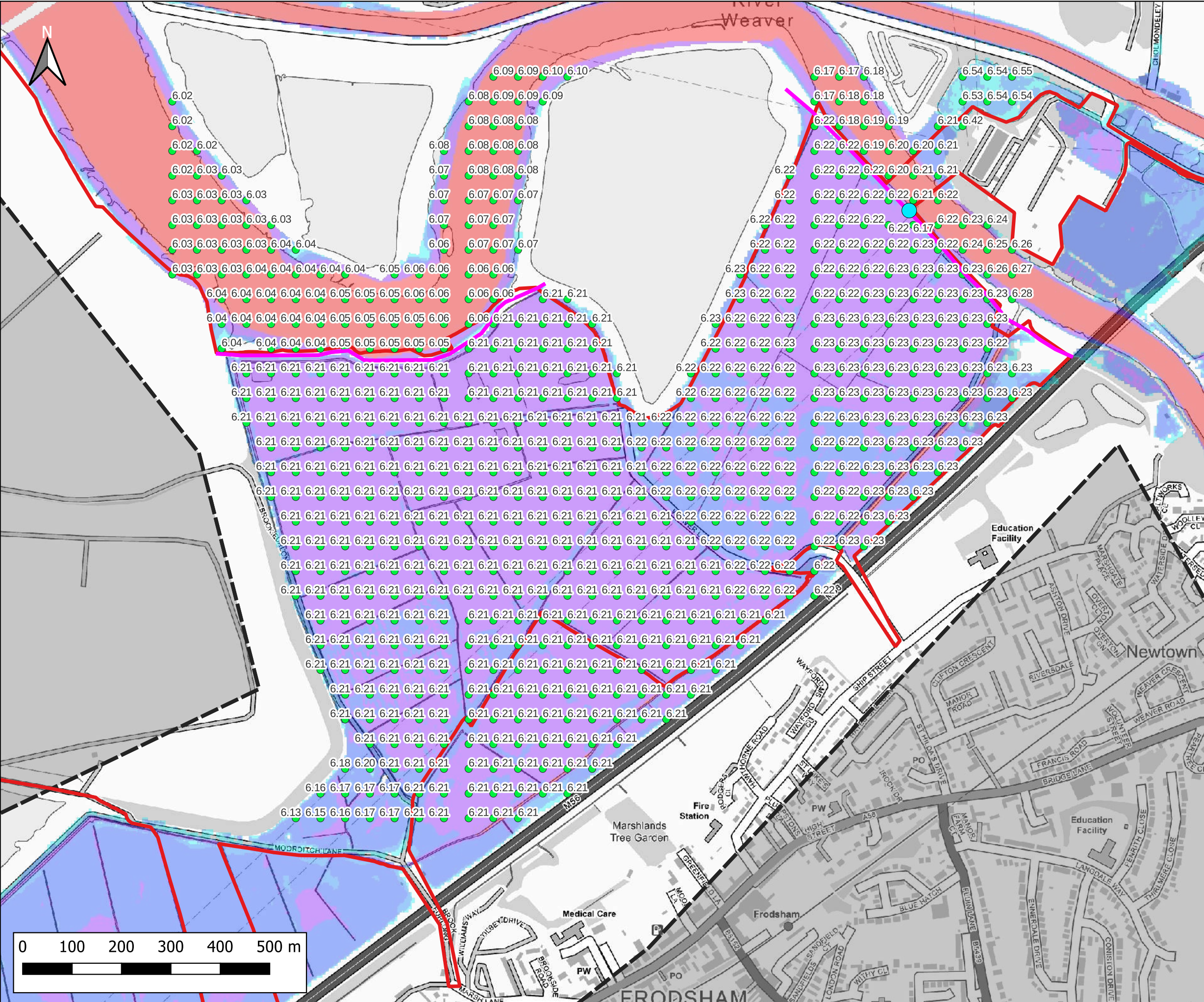
REVISION
----------

100









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

**LEGEND**

- Site Boundary
- 2D Model Extent
- River Weaver Flood Defences
- Breach 2 Location (BR2)
- Maximum Water Level (m AOD)

Maximum Flood Depth

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

CLIENT:

Frodsham Solar Ltd

www.waterco.co.uk

SCHEME:

Frodsham Solar

PLOT TITLE:

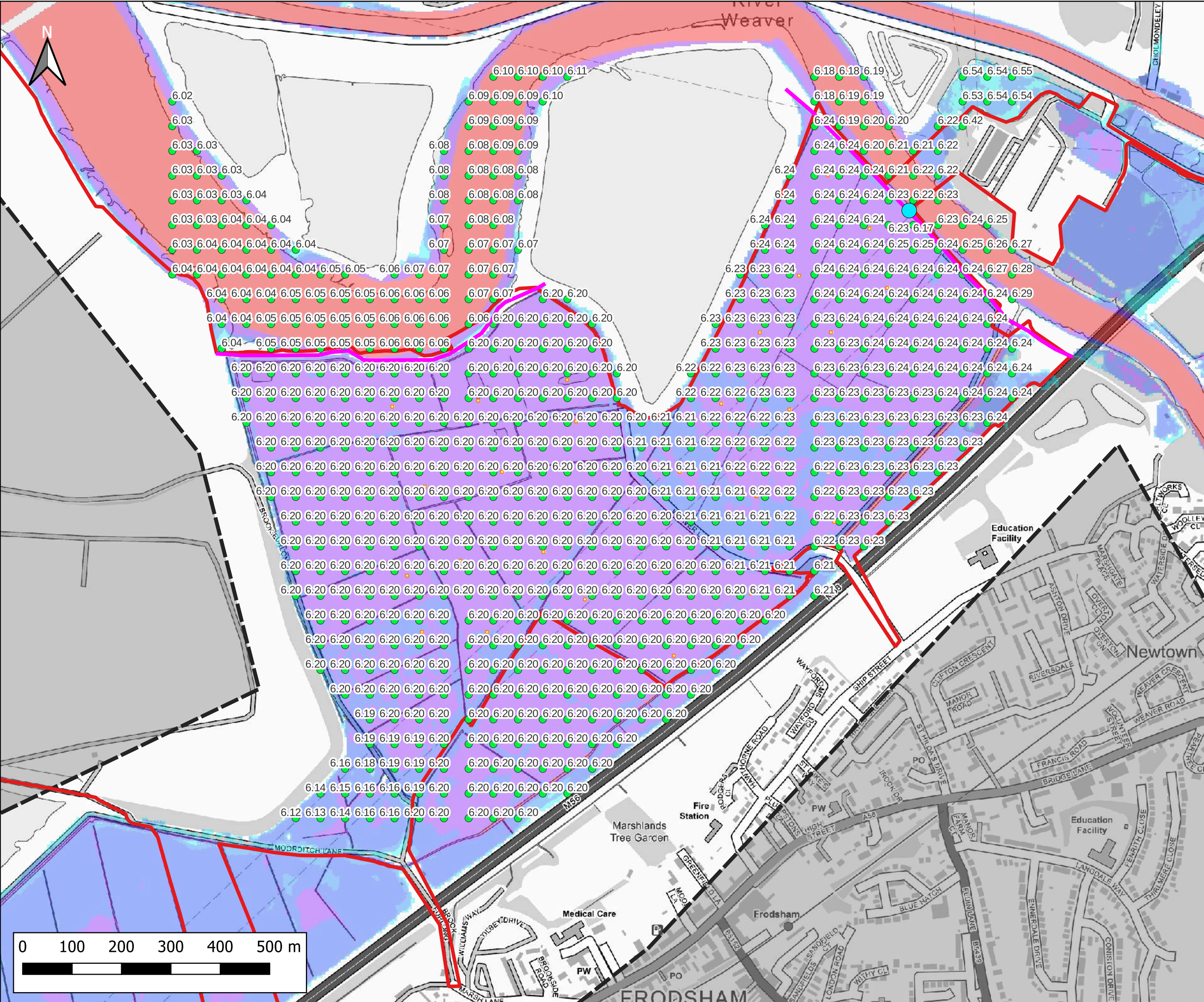
River Weaver Maximum Flood Water Level  
1% AEP +106% CC Fluvial Event  
MWHS +CC Tidal Event  
Breach 2 Existing Scenario (EXG)

PLOT STATUS:			DATE:
FINAL			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(MHWS)_052_h_Max	-





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

**LEGEND**

- Site Boundary
- 2D Model Extent
- River Weaver Flood Defences
- Proposed Volume Displacement
- Breach 2 Location (BR2)
- Maximum Water Level (m AOD)

Maximum Flood Depth

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

CLIENT:

Frodsham Solar Ltd

www.waterco.co.uk

SCHEME:

Frodsham Solar

PLOT TITLE:

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

PLOT STATUS:		DATE:	
FINAL		30-04-2025	

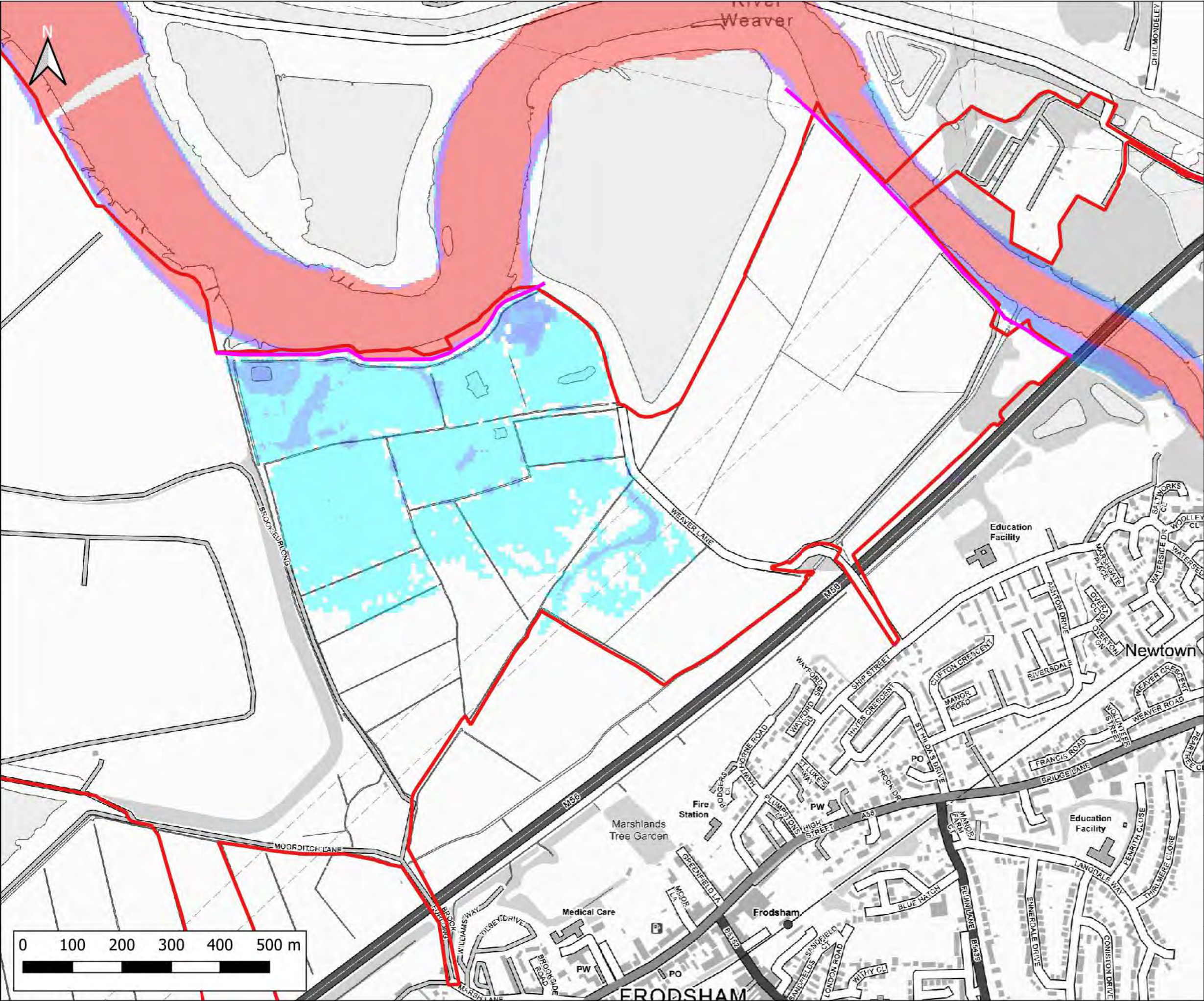
DRAWN:	CHECKED:	APPROVED:	PLOT SCALE AT A3:
MH	AP	LS	1:7500

PLOT NAME:	REVISION:
14740_LW_BR2_DEV2_Q100CC106_M(LOW)_ME(MHWSCC)_052_h_Max	-



Tidal Mersey





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:

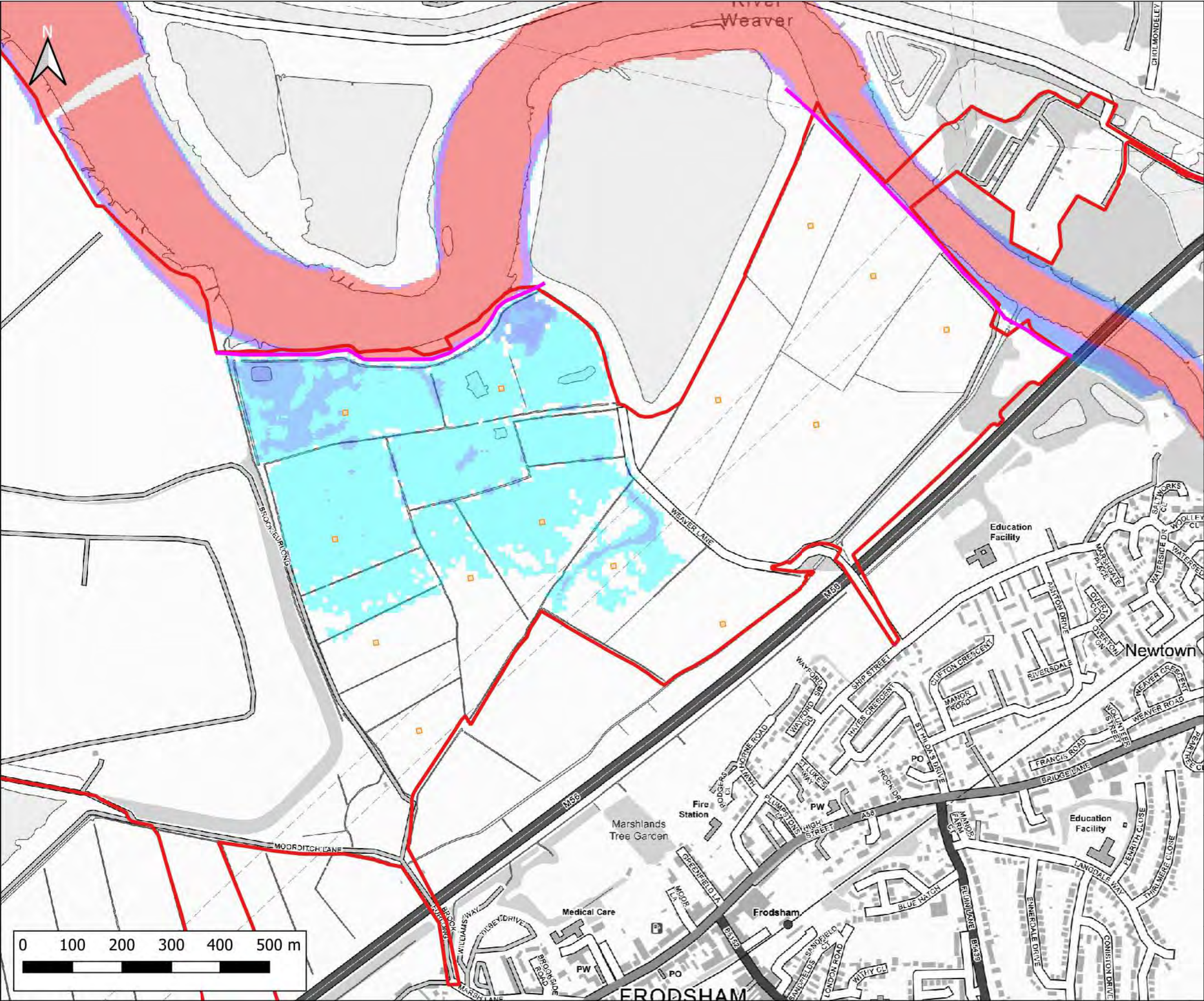
River Mersey Maximum Flood Depth  
0.5% AEP Tidal Event  
2024 Higher Central  
Defended Existing Scenario (EXG)

PLOT STATUS:		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_DEF_020_d_Max	-





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

**LEGEND**

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

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:

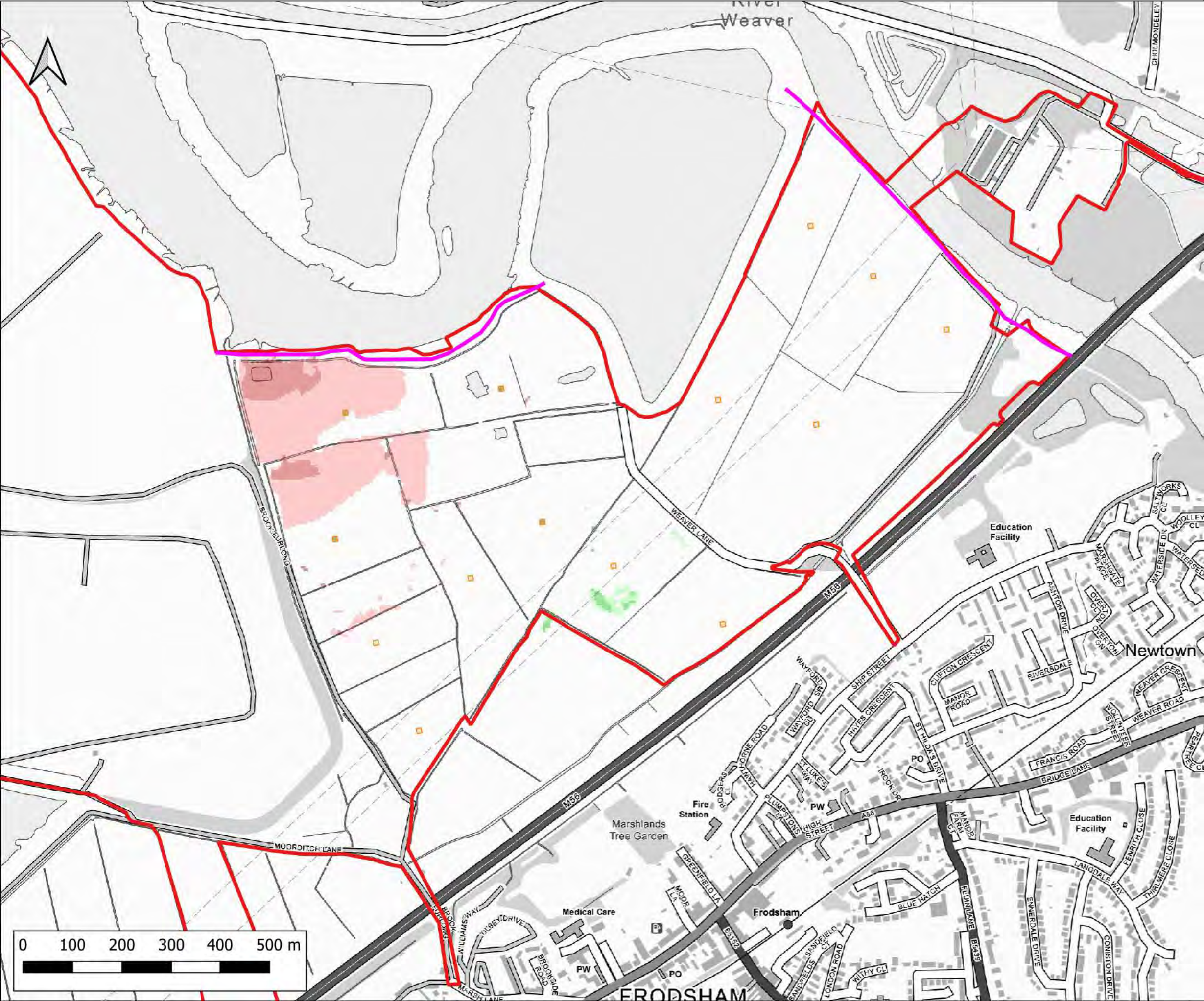
River Mersey Maximum Flood Depth  
0.5% AEP Tidal Event  
2024 Higher Central  
Defended Proposed Development Scenario (DEV)

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:  
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:

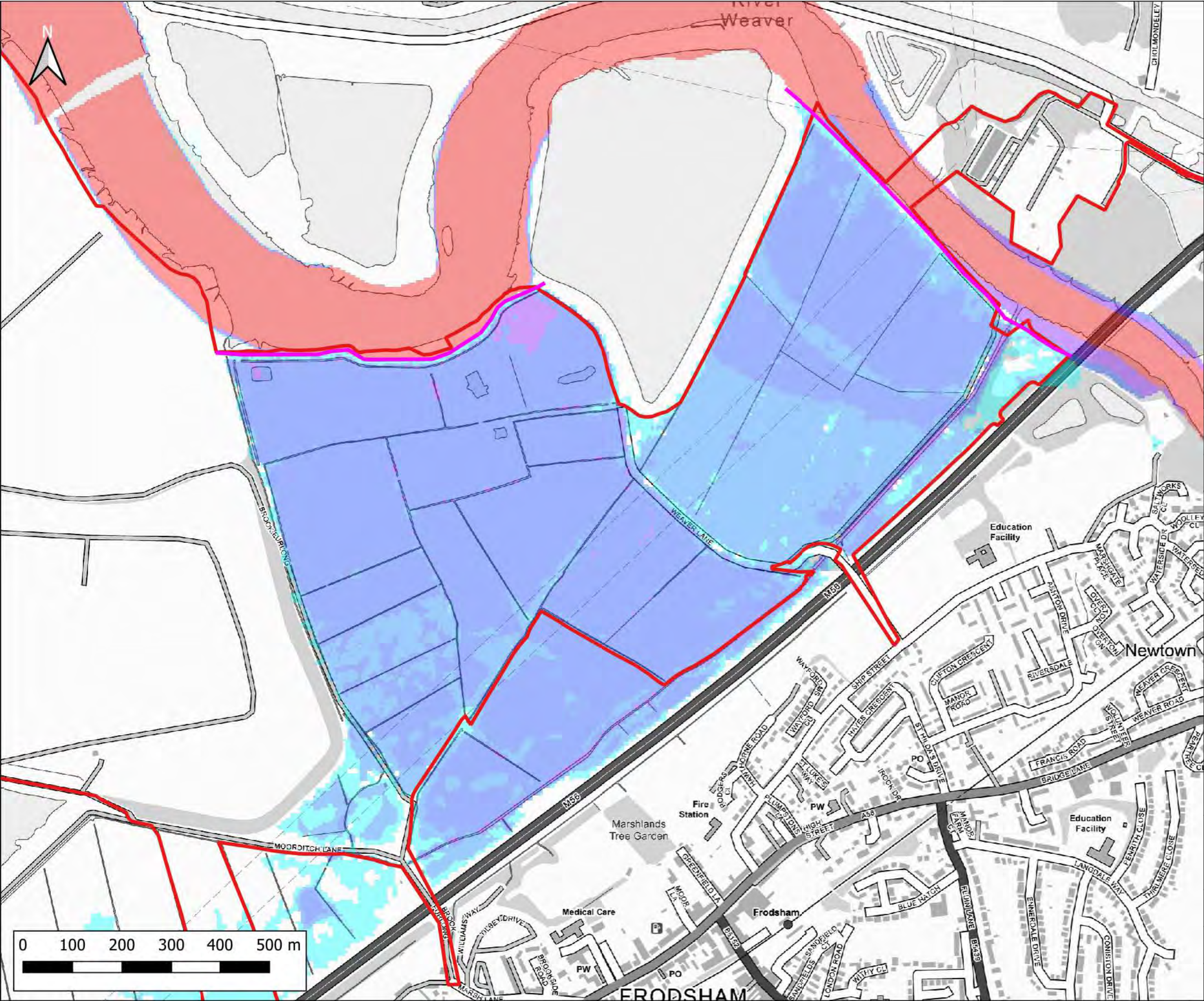
River Mersey Maximum Flood Depth Difference  
0.5% AEP Tidal Event  
2024 Higher Central  
Defended DEV - EXG

PLOT STATUS:		DATE:	
FINAL		30-04-2025	

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

PLOT NAME:	REVISION:
14740_MERS_T200HC_2024HC_DEV2-EXG_DEF_020_d-Diff	-

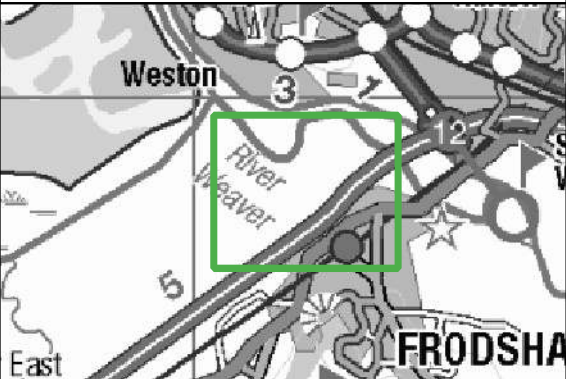




Notes:  
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

**LEGEND**

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



Frodsham Solar Ltd



Frodsham Solar

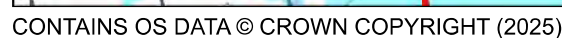
PLOT TITLE: River Mersey Maximum Flood Depth  
0.5% AEP Tidal Event  
2075 Higher Central  
Defended Existing Scenario (EXG)

PLOT STATUS: FINAL DATE: 30-04-2025

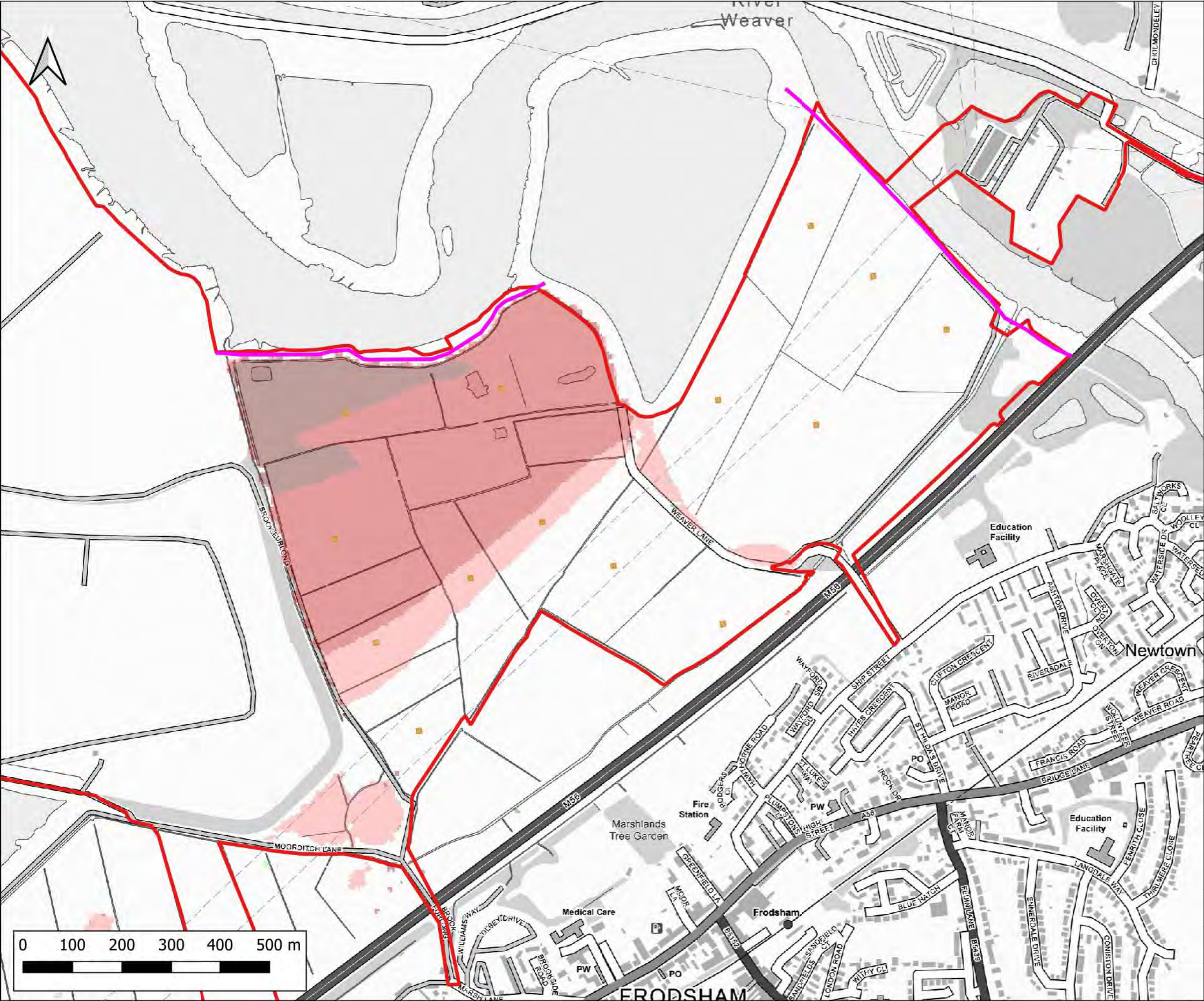
DRAWN: MH CHECKED: AP APPROVED: LS PLOT SCALE AT A3: 1:7500

PLOT NAME: 14740\_MERS\_T200HC\_2075HC\_EXG\_DEF\_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

CLIENT:

Frodsham Solar Ltd

www.waterco.co.uk

SCHEME:

Frodsham Solar

PLOT TITLE:

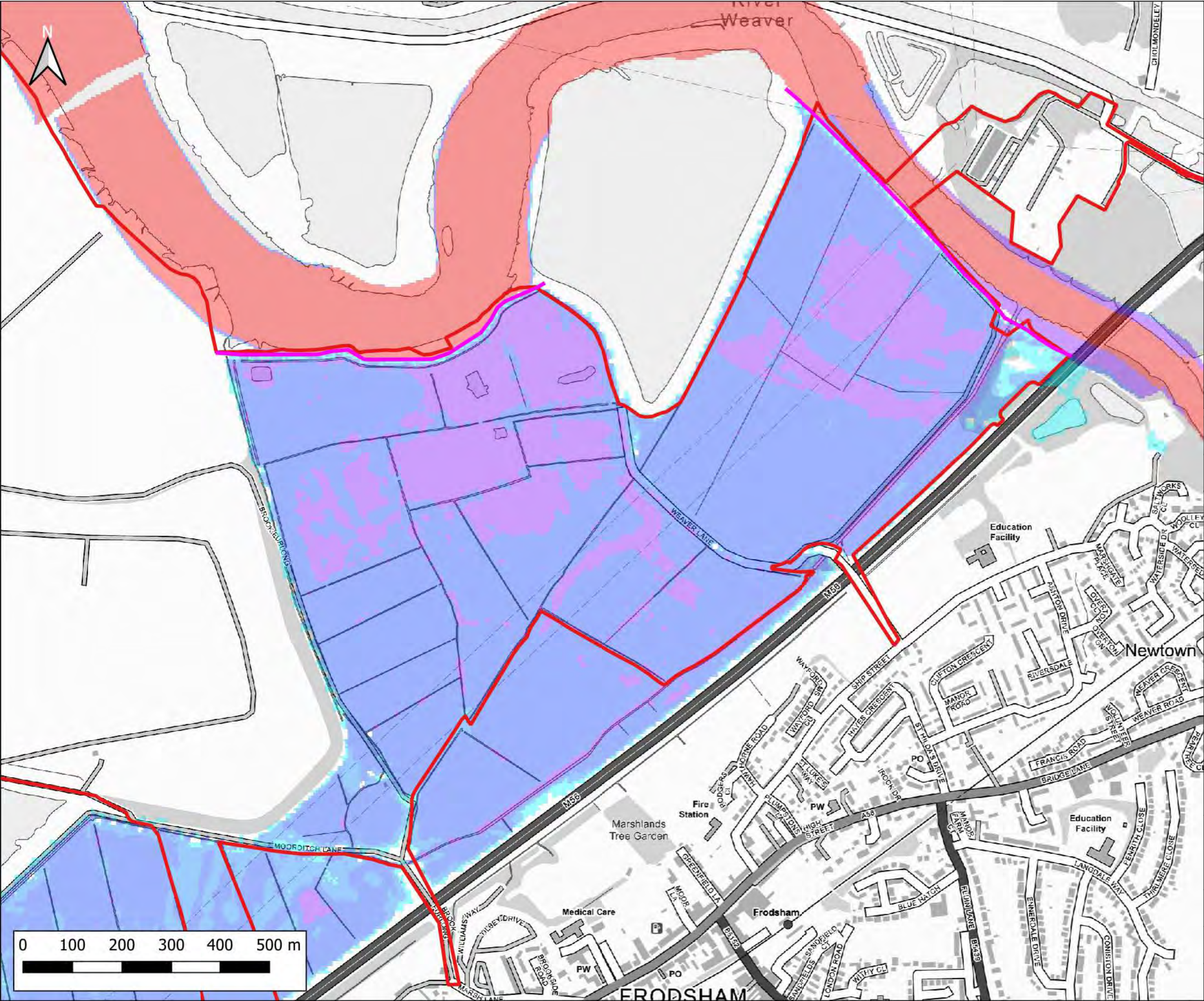
River Mersey Maximum Flood Depth Difference  
0.5% AEP Tidal Event  
2075 Higher Central  
Defended DEV - EXG

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_DEF_020_d-Diff		-





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

**LEGEND**

Site Boundary

River Weaver Flood Defences

Maximum Flood Depth

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

CLIENT:

Frodsham Solar Ltd

www.waterco.co.uk

SCHEME:

Frodsham Solar

PLOT TITLE:

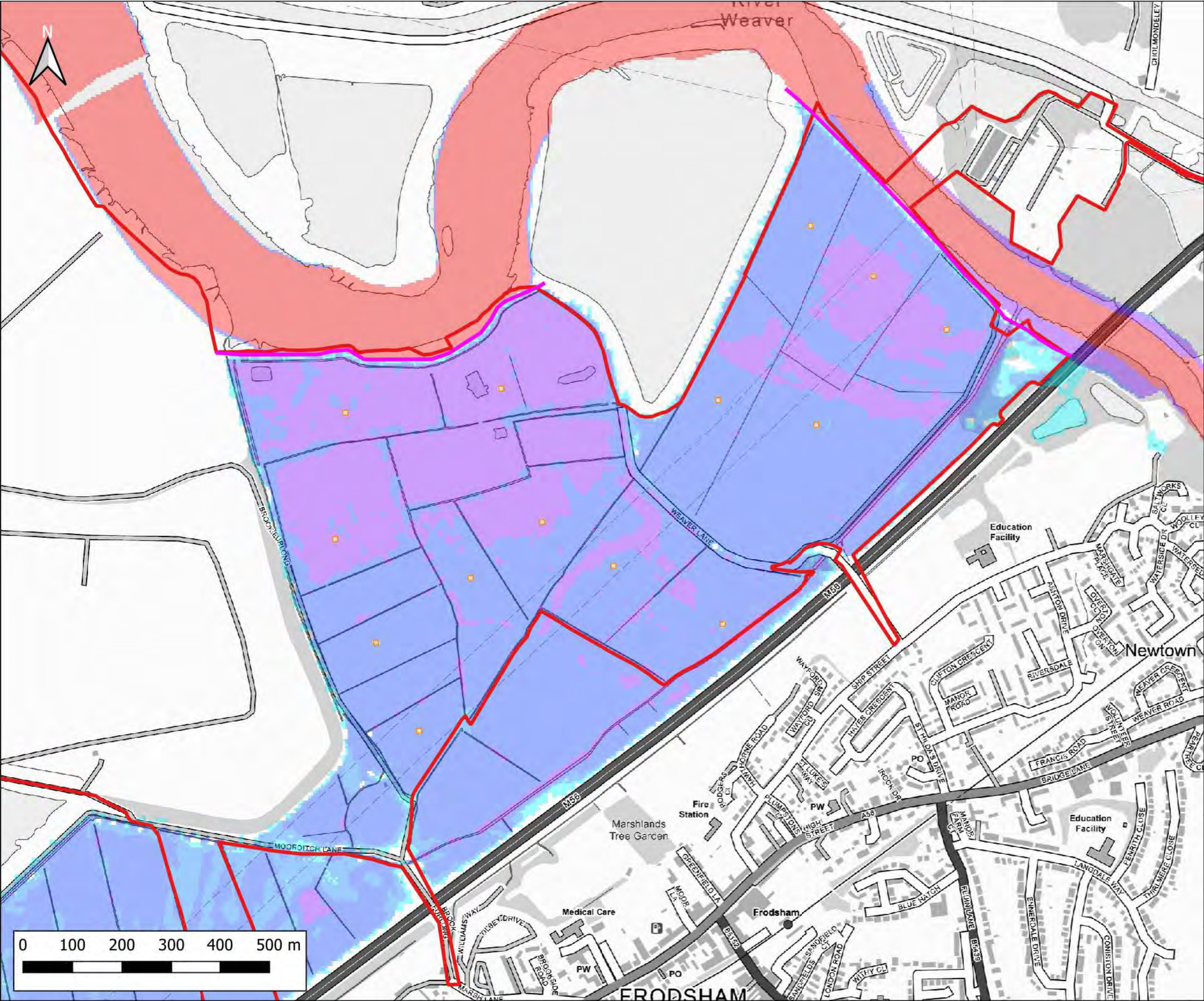
River Mersey Maximum Flood Depth  
0.5% AEP Tidal Event  
2075 Upper End  
Defended Existing Scenario (EXG)

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

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

PLOT NAME:	REVISION:
14740_MERS_T200HC_2075UE_EXG_DEF_020_d_Max	-

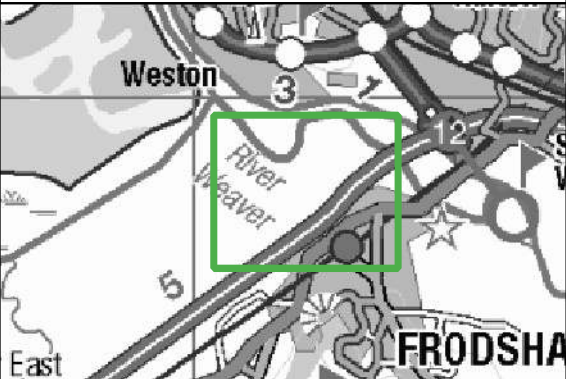




Notes:  
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

**LEGEND**

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



Frodsham Solar Ltd



Frodsham Solar

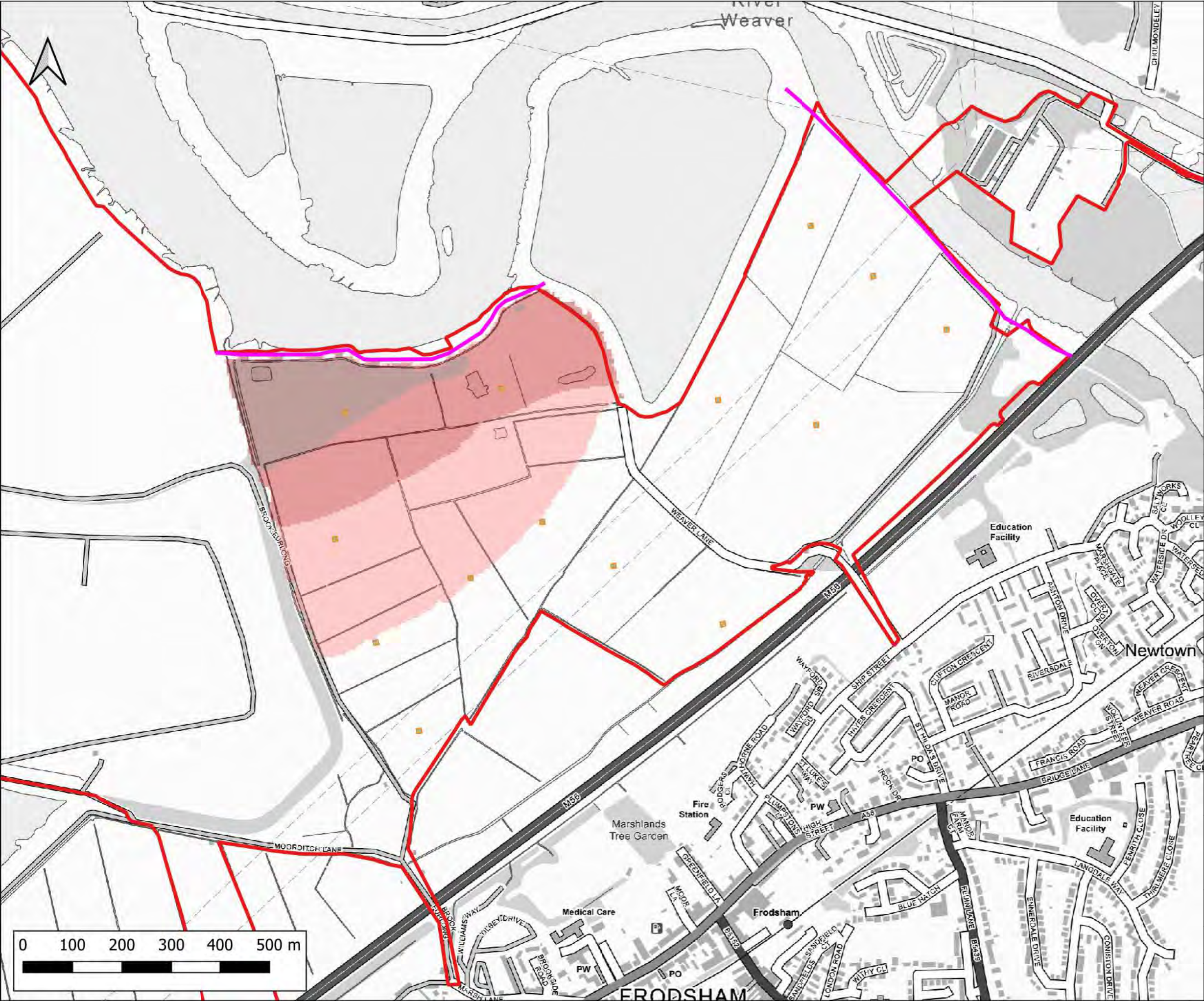
PLOT TITLE:  
River Mersey Maximum Flood Depth  
0.5% AEP Tidal Event  
2075 Upper End  
Defended Proposed Development Scenario (DEV)

PLOT STATUS: FINAL DATE: 30-04-2025

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

PLOT NAME: 14740\_MERS\_T200HC\_2075UE\_DEV2\_DEF\_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

CLIENT:

Frodsham Solar Ltd

www.waterco.co.uk

SCHEME:

Frodsham Solar

PLOT TITLE:

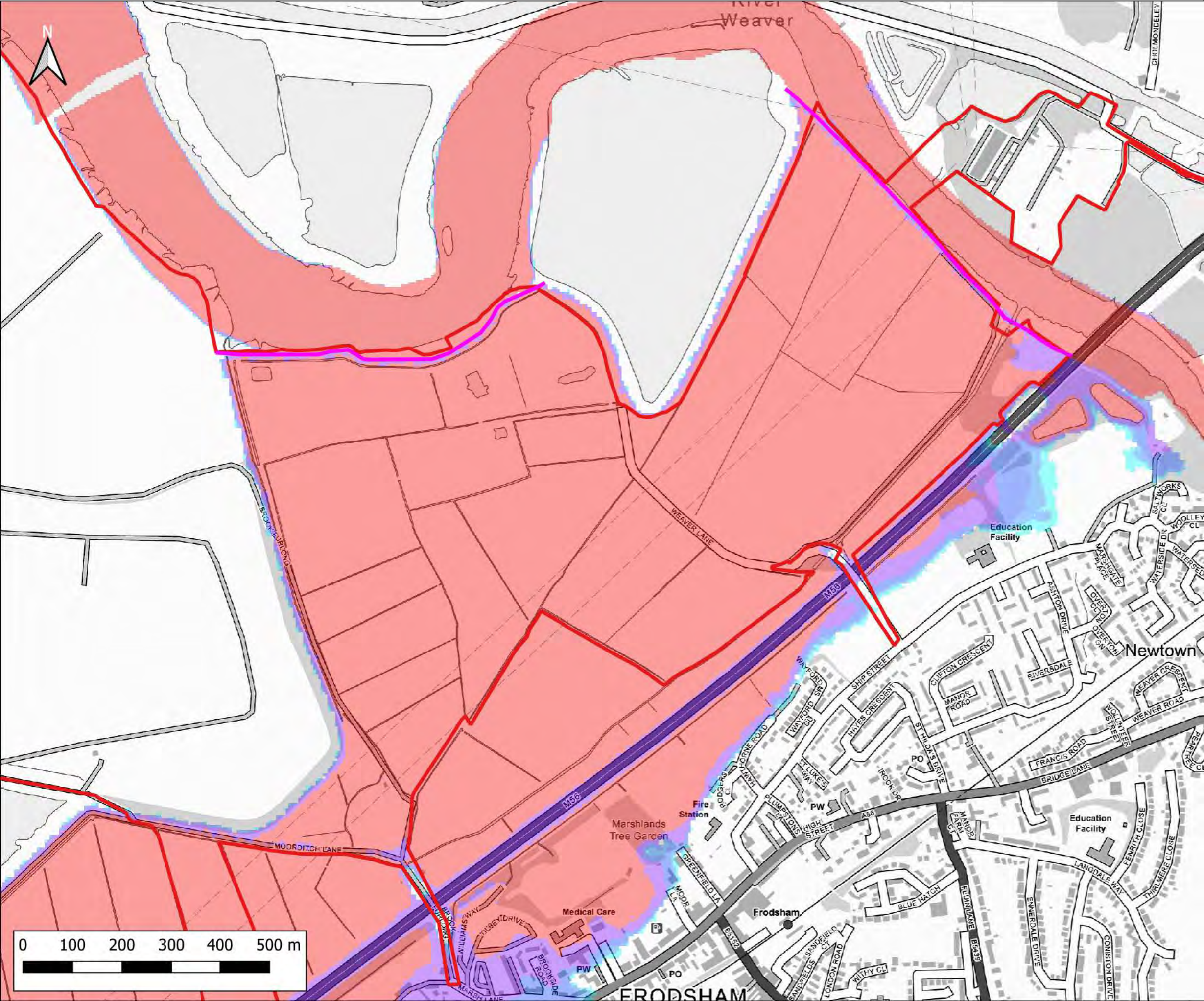
River Mersey Maximum Flood Depth Difference  
0.5% AEP Tidal Event  
2075 Upper End  
Defended DEV - EXG

PLOT STATUS:		DATE:	
FINAL		30-04-2025	

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

PLOT NAME:	REVISION:
14740_MERS_T200HC_2075UE_DEV2-EXG_DEF_020_d-Diff	-

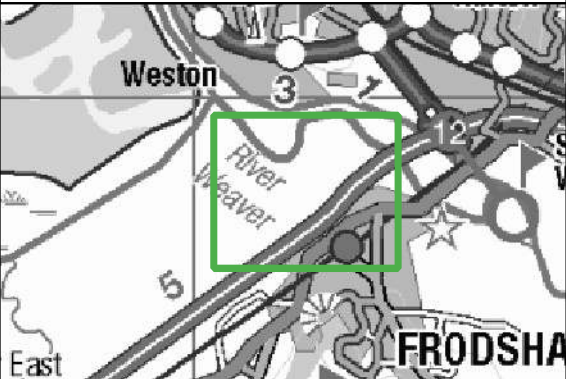




Notes:  
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

**LEGEND**

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



Frodsham Solar Ltd



Frodsham Solar

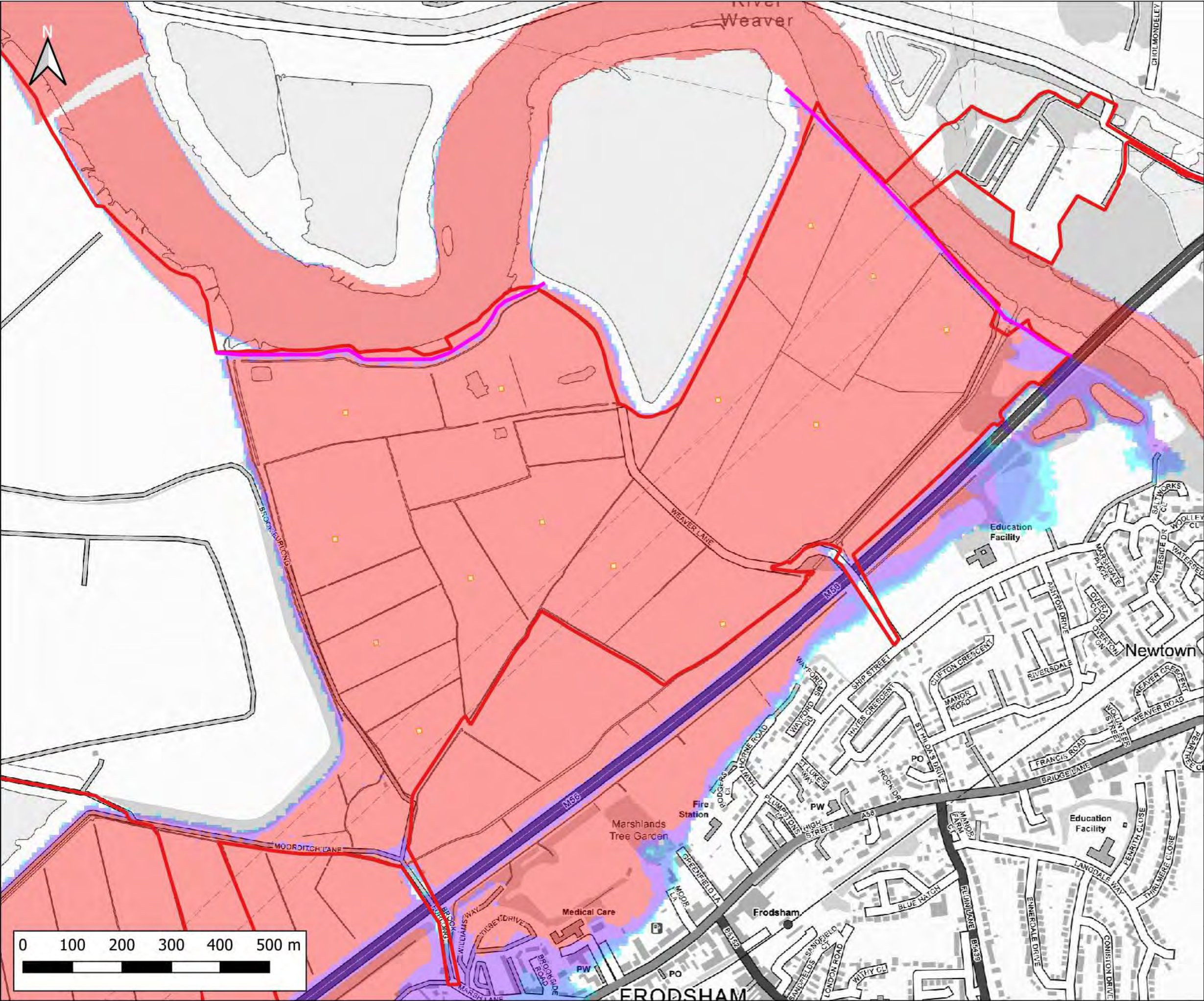
PLOT TITLE: River Mersey Maximum Flood Depth  
0.5% AEP Tidal Event  
H++  
Defended Existing Scenario (EXG)

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: -

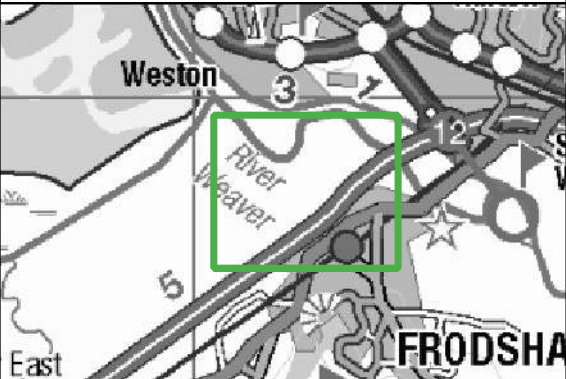




Notes:  
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

**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



Frodsham Solar Ltd



Frodsham Solar

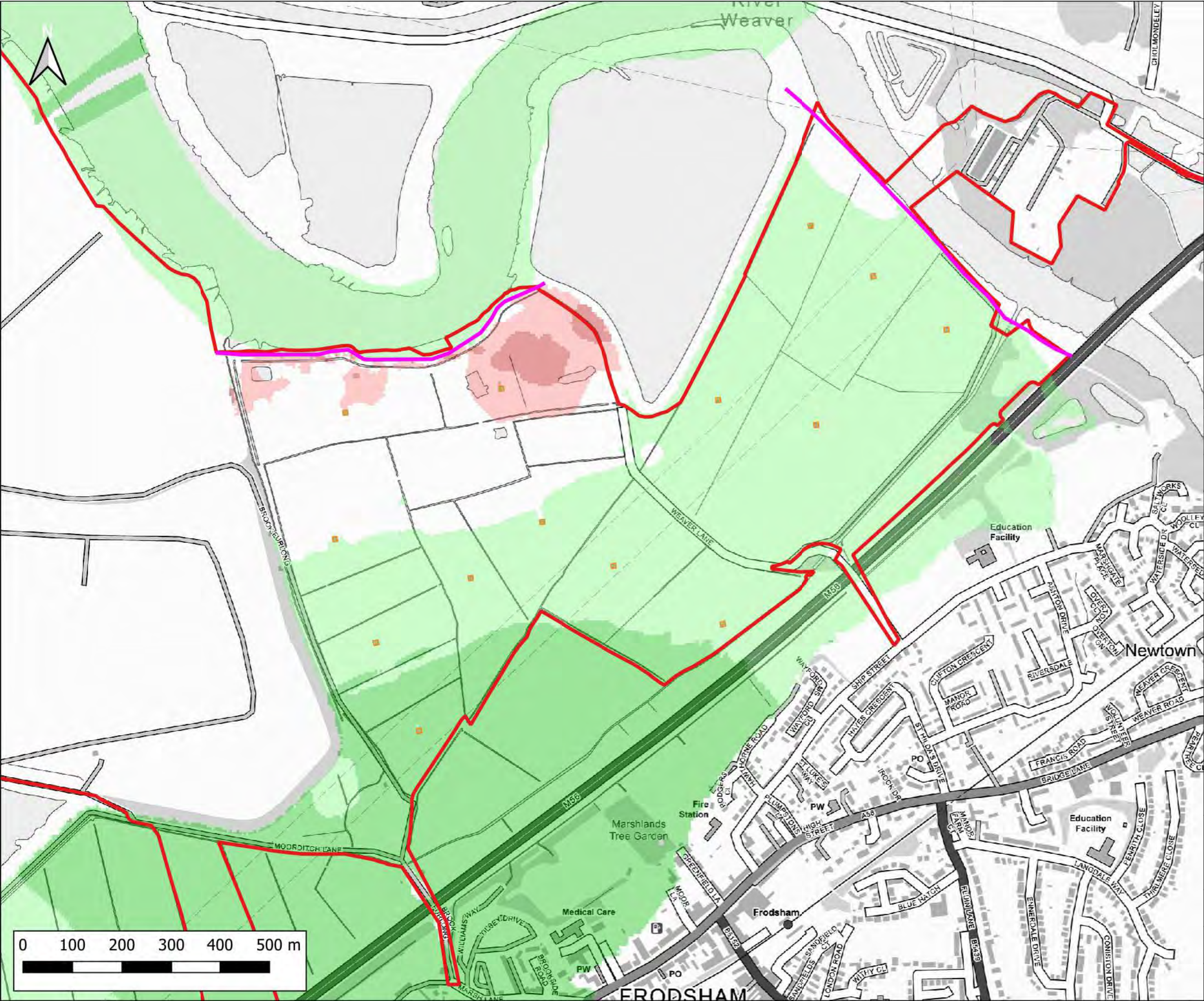
PLOT TITLE:  
River Mersey Maximum Flood Depth  
0.5% AEP Tidal Event  
H++  
Defended Proposed Development Scenario (DEV)

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: -





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:

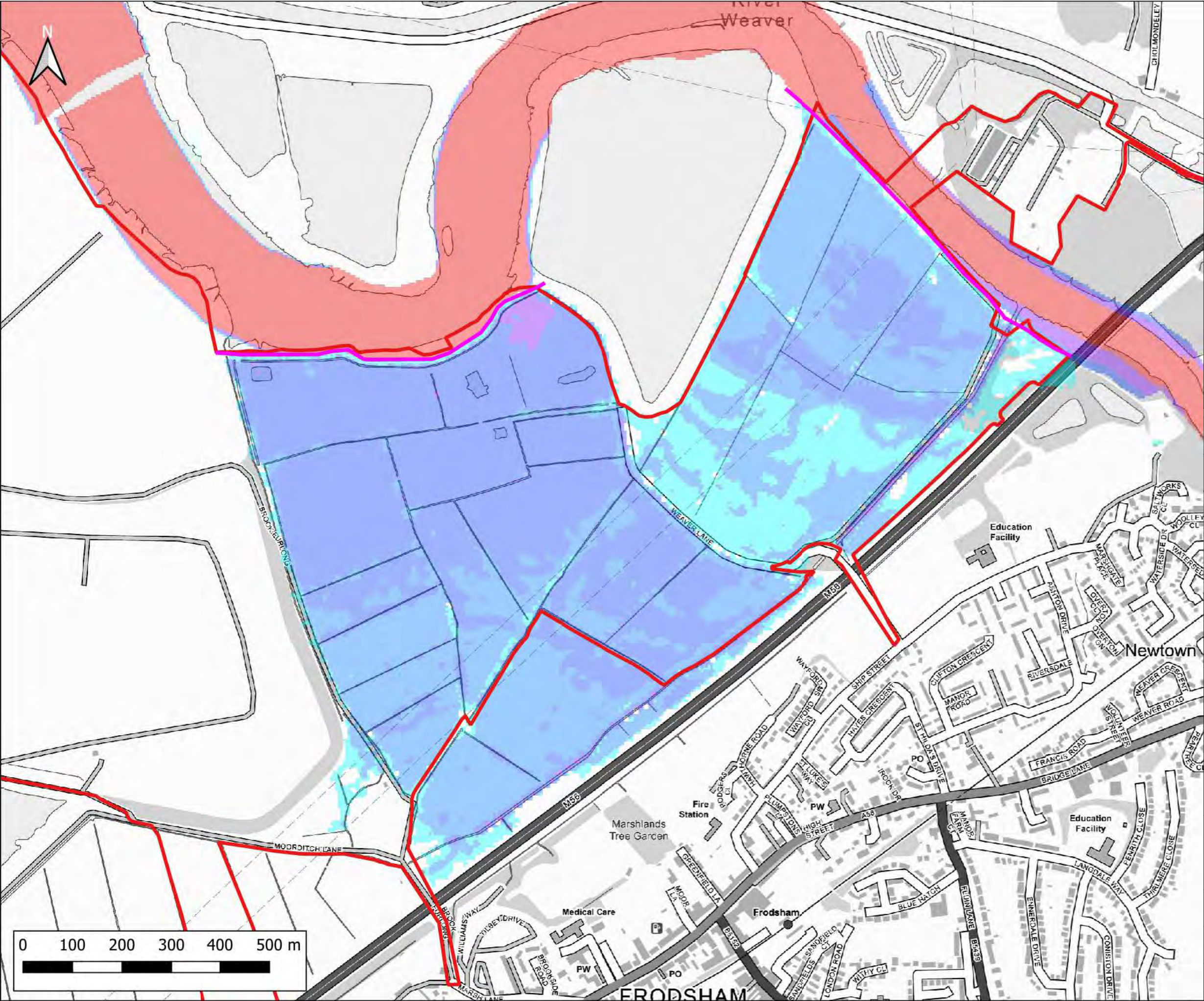
River Mersey Maximum Flood Depth Difference  
0.5% AEP Tidal Event  
H++  
Defended DEV - EXG

PLOT STATUS:		DATE:	
FINAL		30-04-2025	

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

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





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

**LEGEND**

Site Boundary

River Weaver Flood Defences

Maximum Flood Depth

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

Weston

3

12

East

FRODSHAM

CLIENT:

Frodsham Solar Ltd

**waterco**

www.waterco.co.uk

SCHEME:

Frodsham Solar

PLOT TITLE:

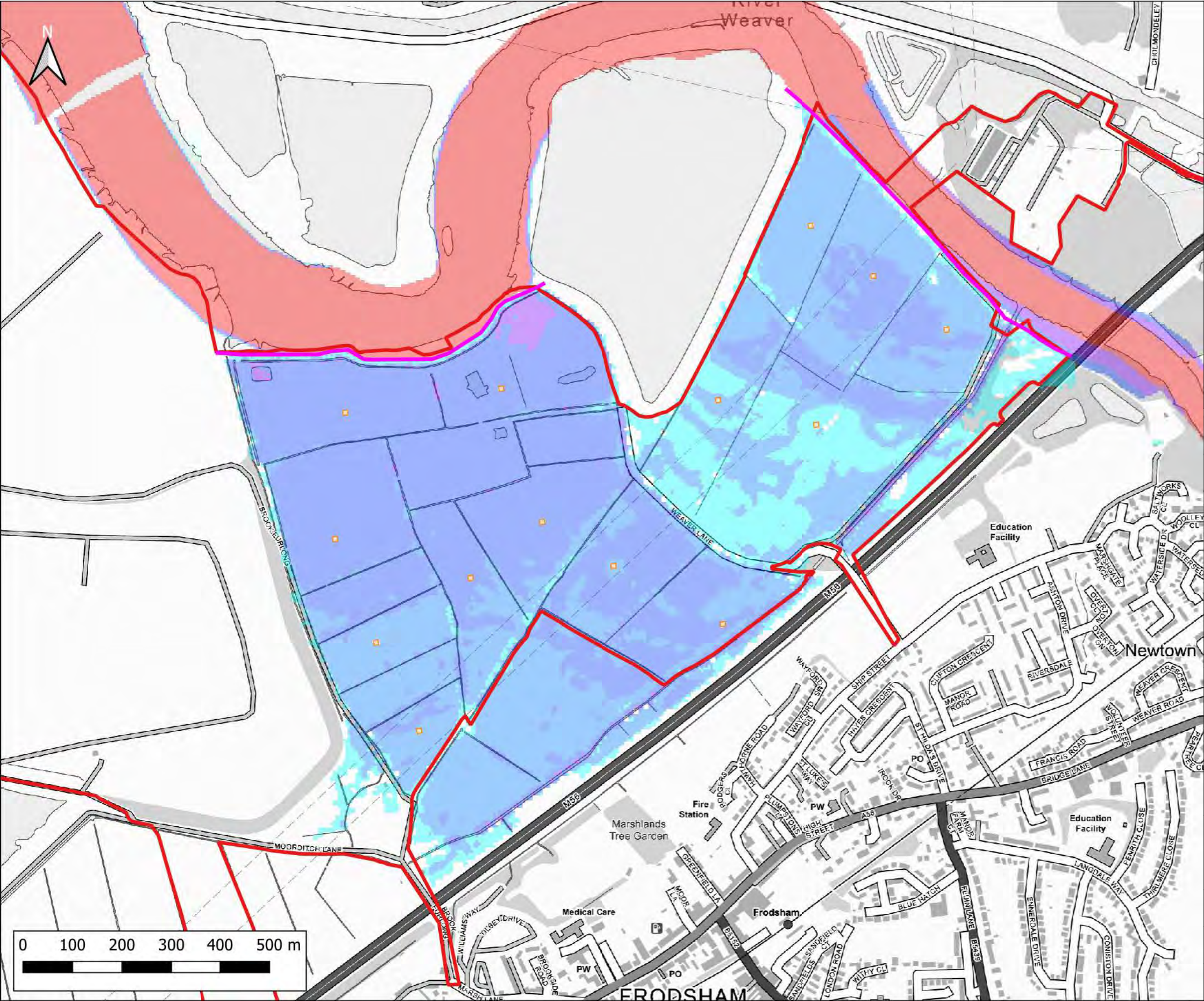
River Mersey Maximum Flood Depth  
0.1% AEP Tidal Event  
2024 Higher Central  
Defended Existing Scenario (EXG)

PLOT STATUS:		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			-





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:

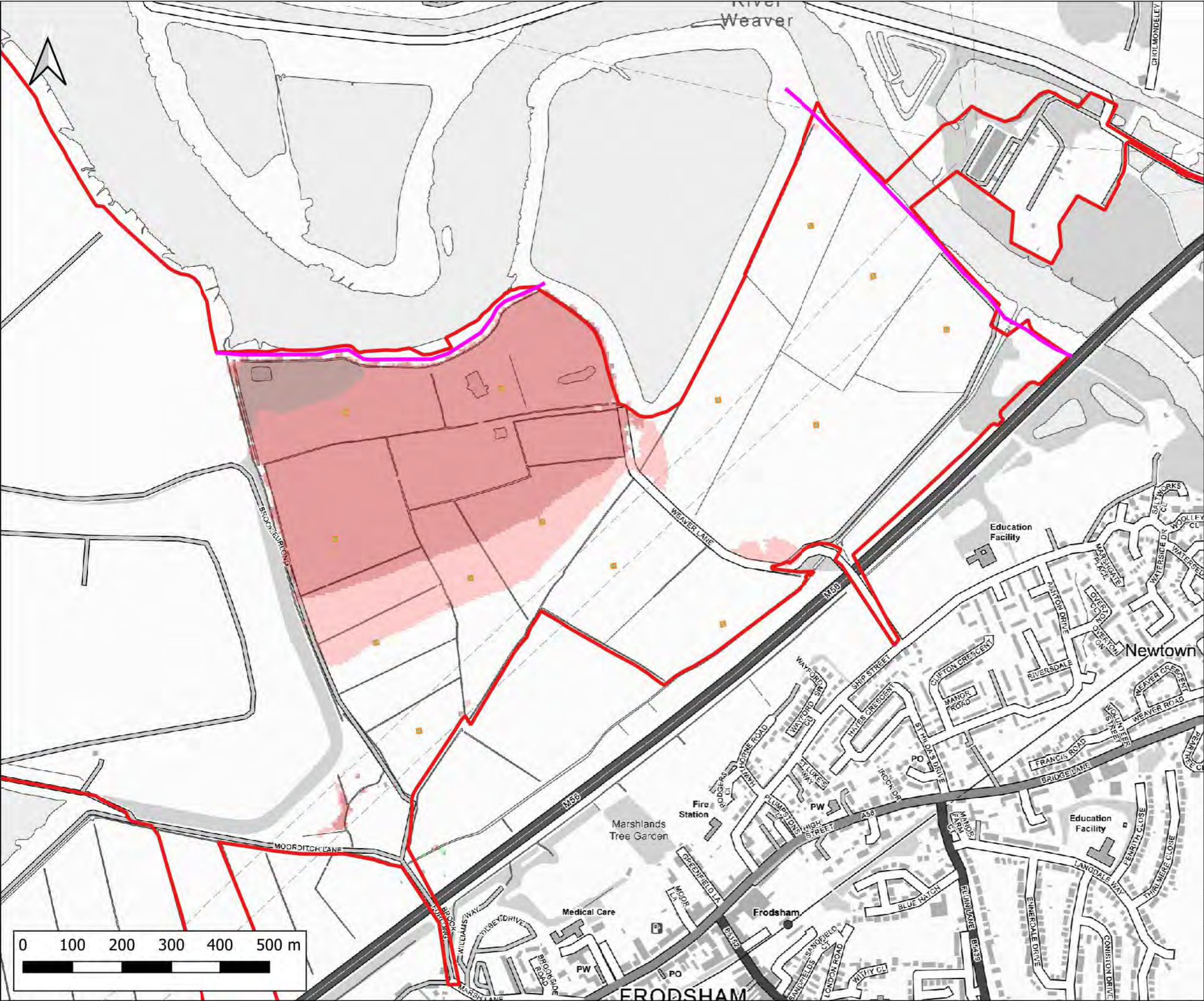
River Mersey Maximum Flood Depth  
0.1% AEP Tidal Event  
2024 Higher Central  
Defended Proposed Development Scenario (DEV)

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	-





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  
Defended DEV - EXG

PLOT STATUS:  
FINAL

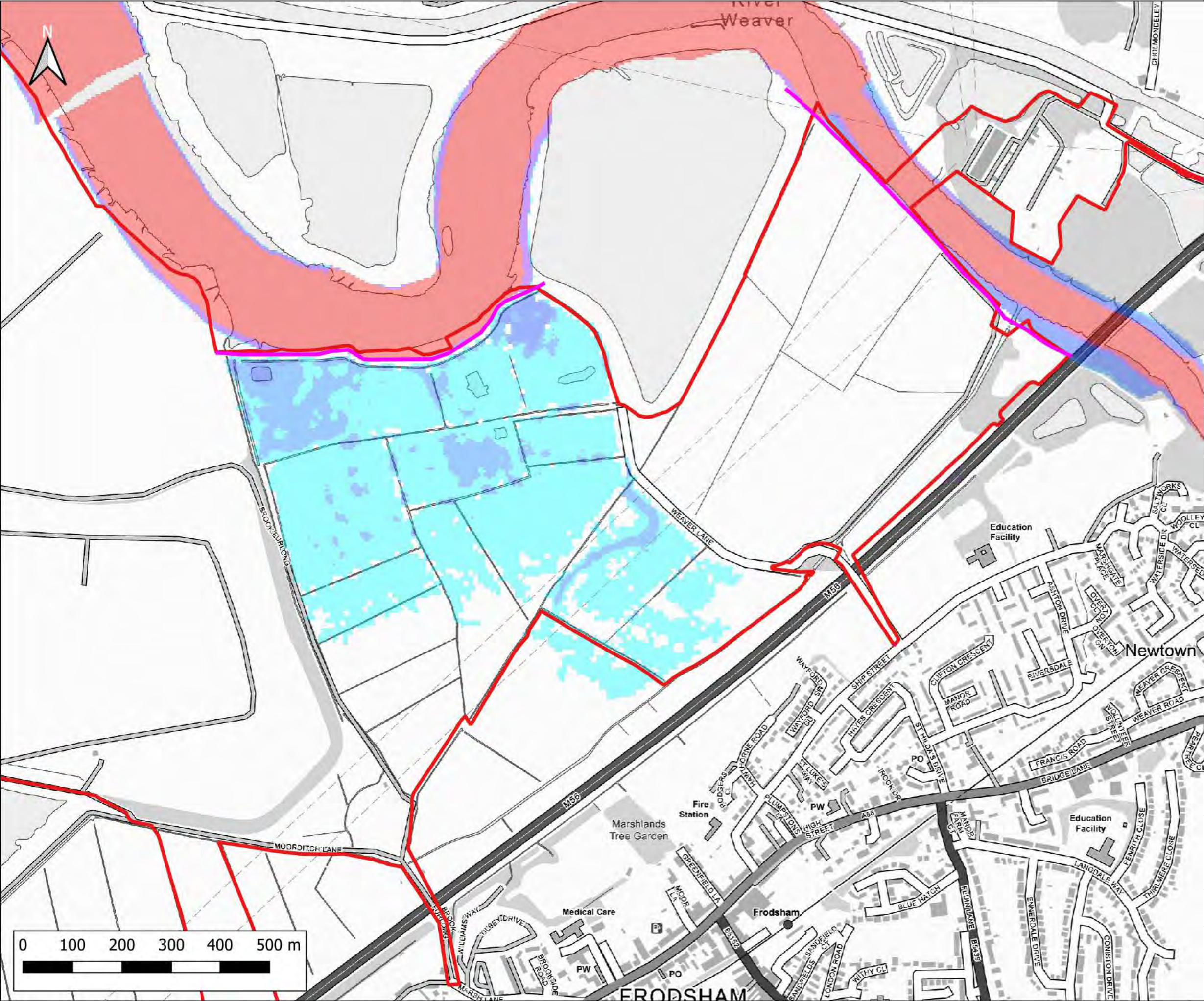
DATE:  
30-04-2025

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

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

REVISION:  
-





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

**LEGEND**

Site Boundary

River Weaver Flood Defences

Maximum Flood Depth

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

CLIENT:

Frodsham Solar Ltd

www.waterco.co.uk

SCHEME:

Frodsham Solar

PLOT TITLE:

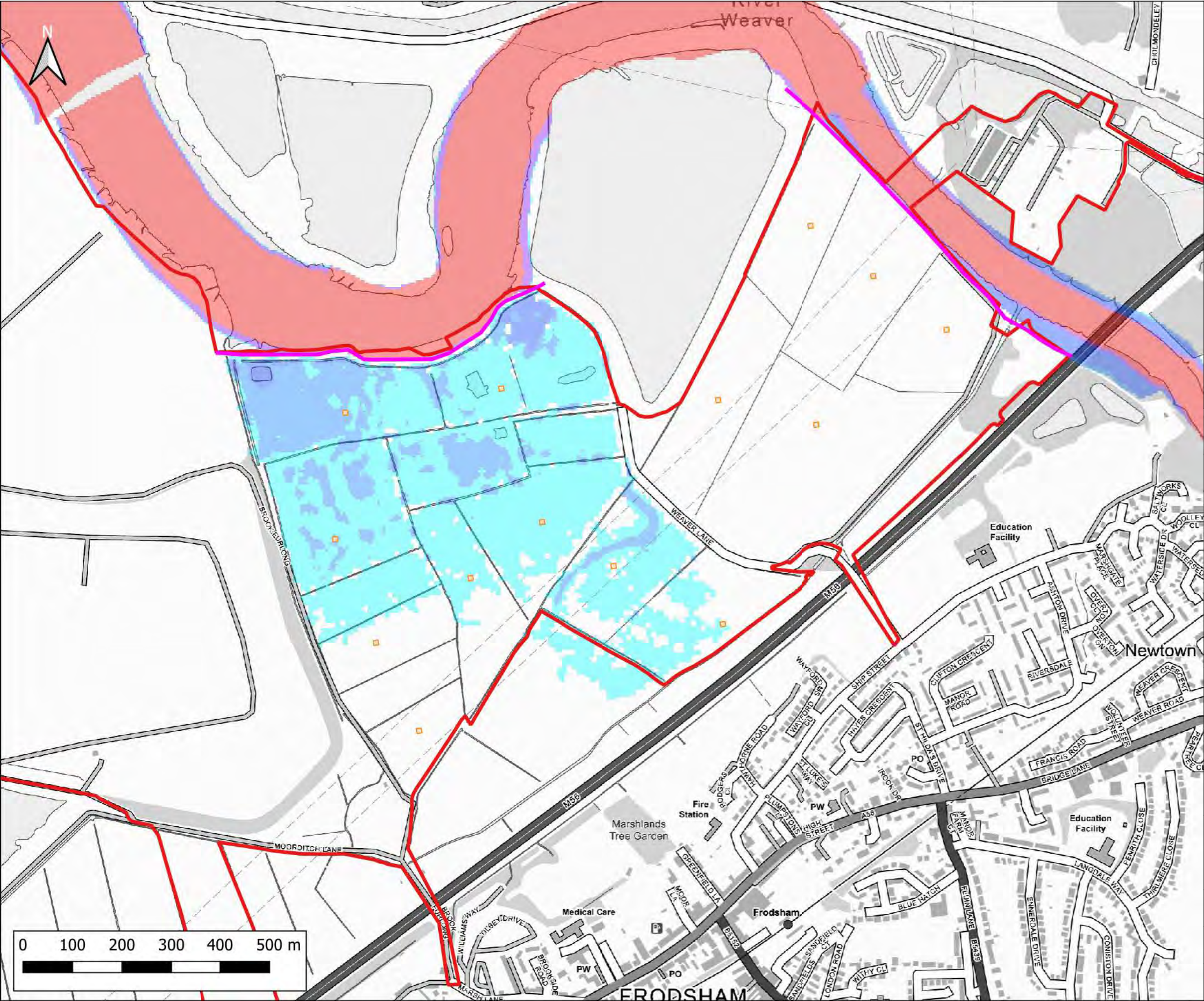
River Mersey Maximum Flood Depth  
0.5% AEP Tidal Event  
2024 Higher Central  
Breach 1 Existing Scenario

PLOT STATUS:		FINAL		DATE:	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	-





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

Weston

3

12

East

FRODSHAM

CLIENT:

Frodsham Solar Ltd

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

SCHEME:

Frodsham Solar

PLOT TITLE:

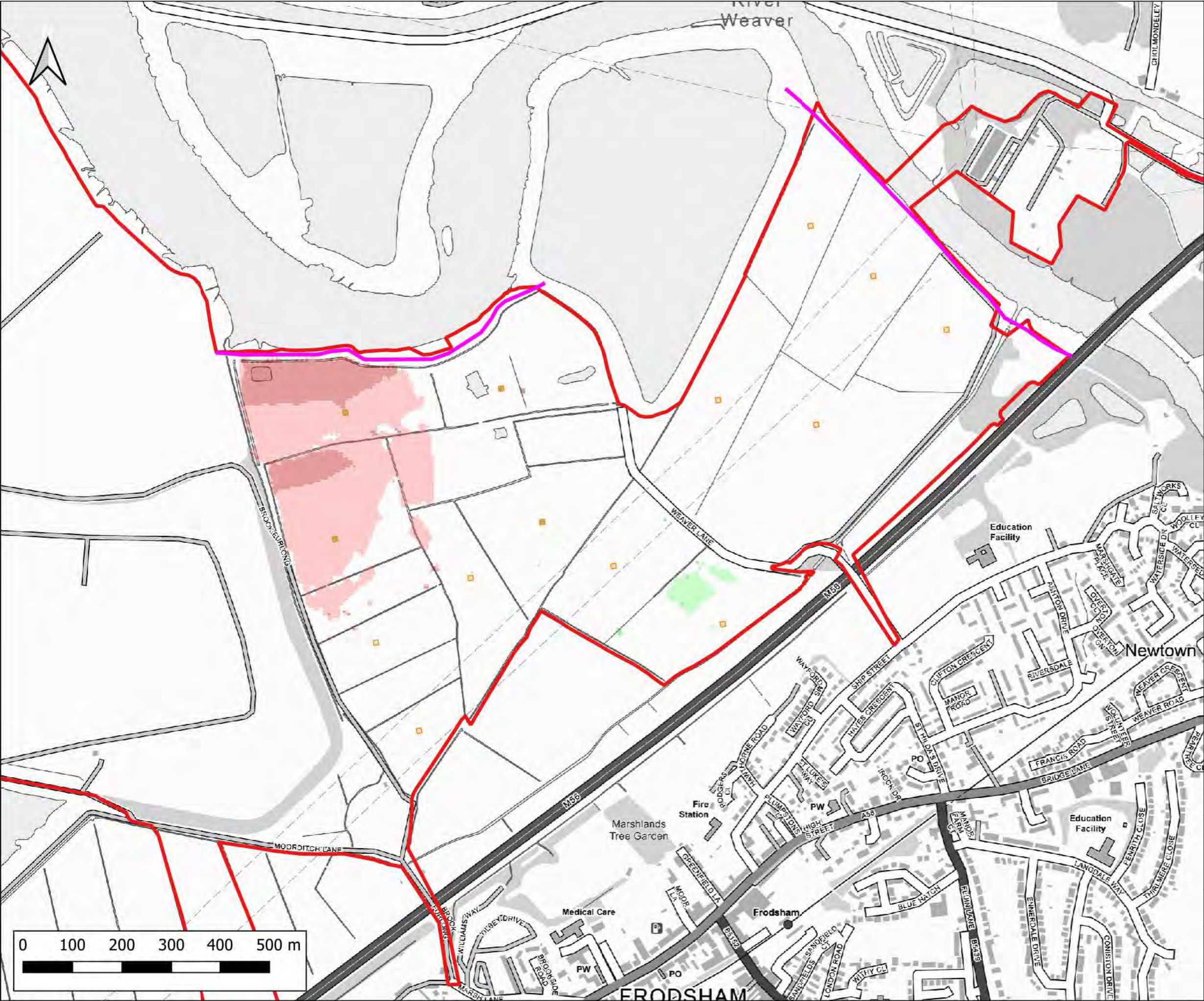
River Mersey Maximum Flood Depth  
0.5% AEP Tidal Event  
2024 Higher Central  
Breach 1 Proposed Development Scenario

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_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:

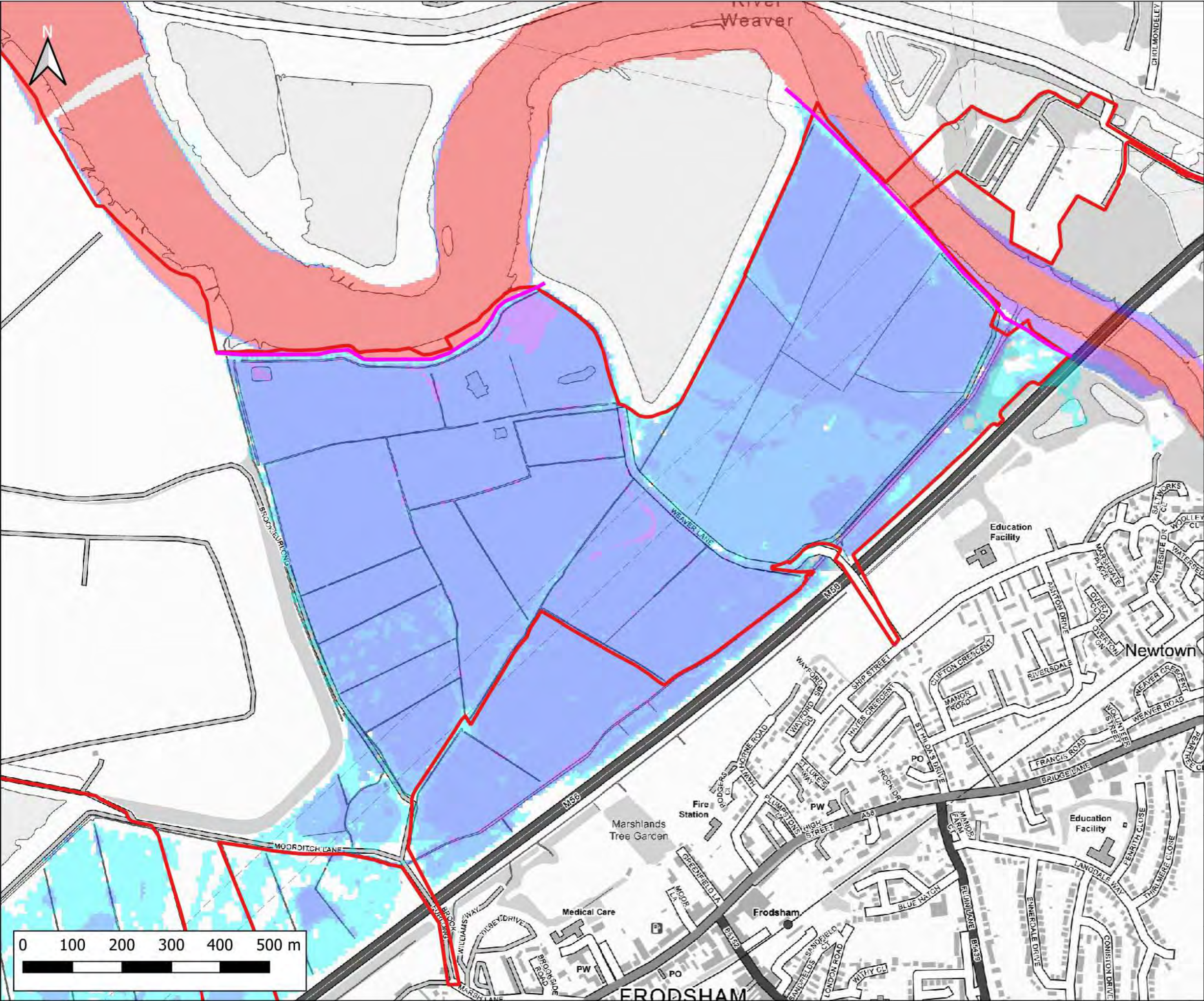
River Mersey Maximum Flood Depth Difference  
0.5% AEP Tidal Event  
2024 Higher Central  
Breach 1 DEV - EXG

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_2024HC_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

www.waterco.co.uk

SCHEME:

Frodsham Solar

PLOT TITLE:

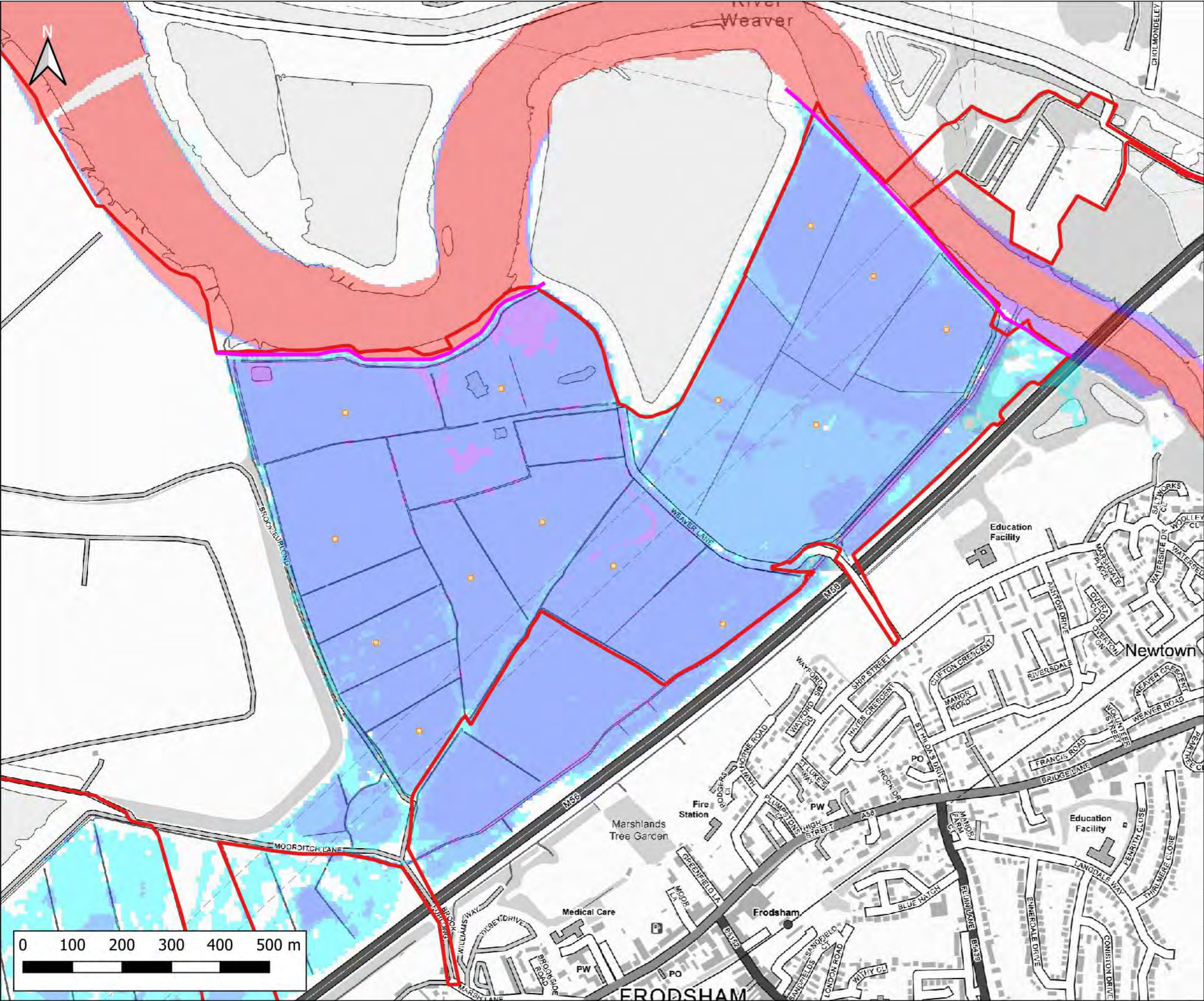
River Mersey Maximum Flood Depth  
0.5% AEP Tidal Event  
2075 Higher Central  
Breach 1 Existing Scenario (EXG)

PLOT STATUS:		DATE:	
FINAL		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_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:

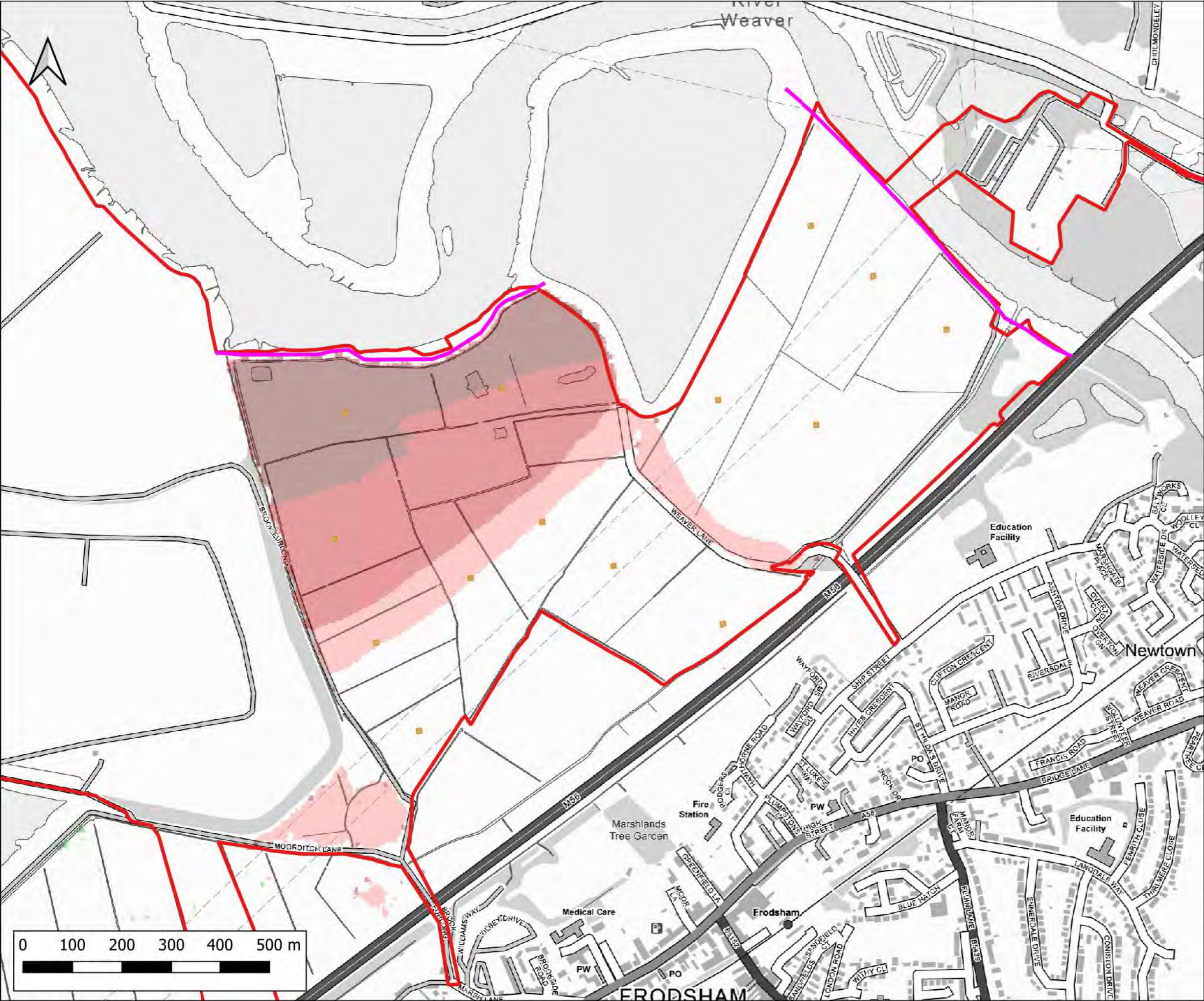
River Mersey Maximum Flood Depth  
0.5% AEP Tidal Event  
2075 Higher Central  
Breach 1 Proposed Development Scenario (DEV)

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_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:

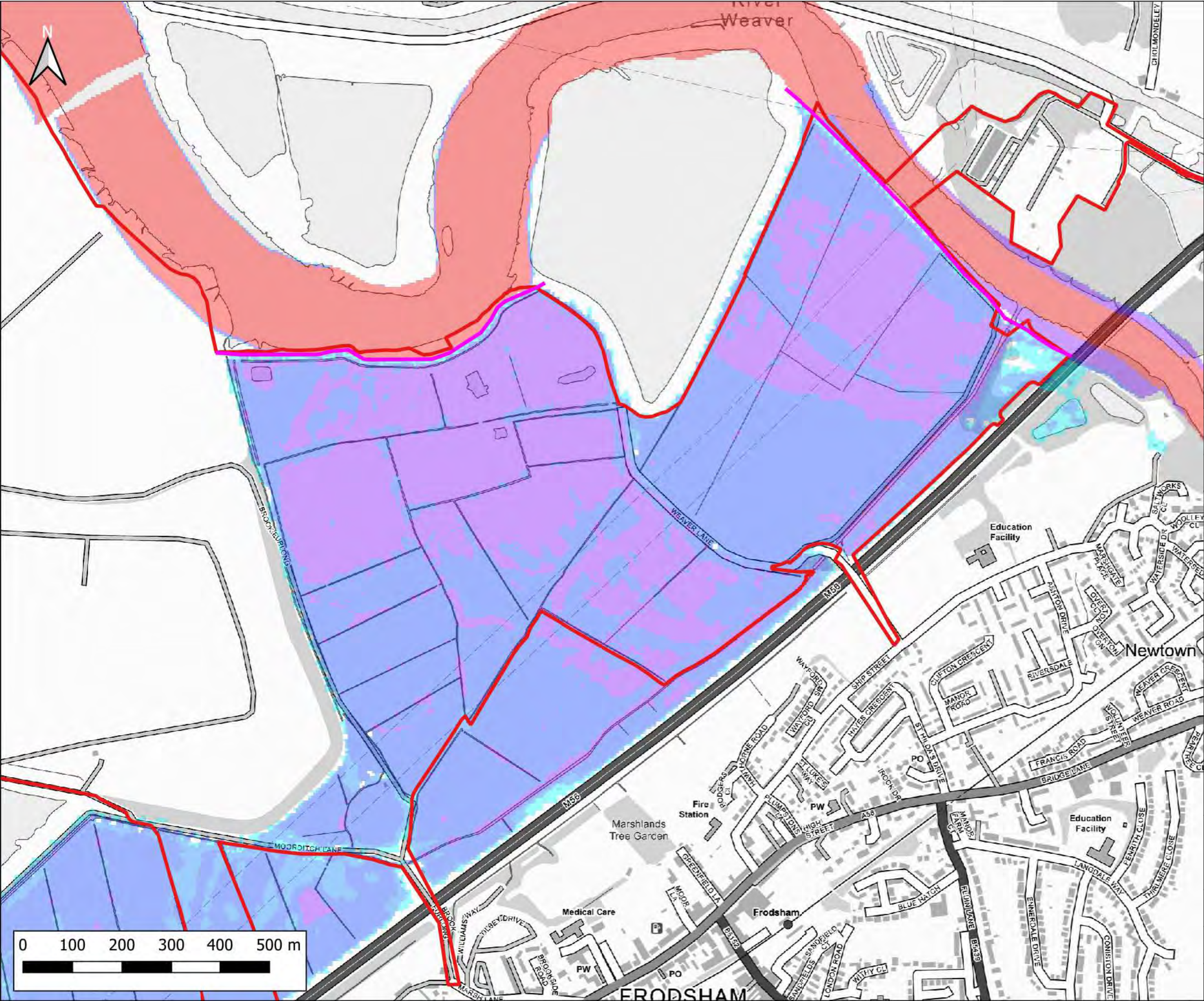
River Mersey Maximum Flood Depth Difference  
0.5% AEP Tidal Event  
2075 Higher Central  
Breach 1 DEV - EXG

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

www.waterco.co.uk

SCHEME:

Frodsham Solar

PLOT TITLE:

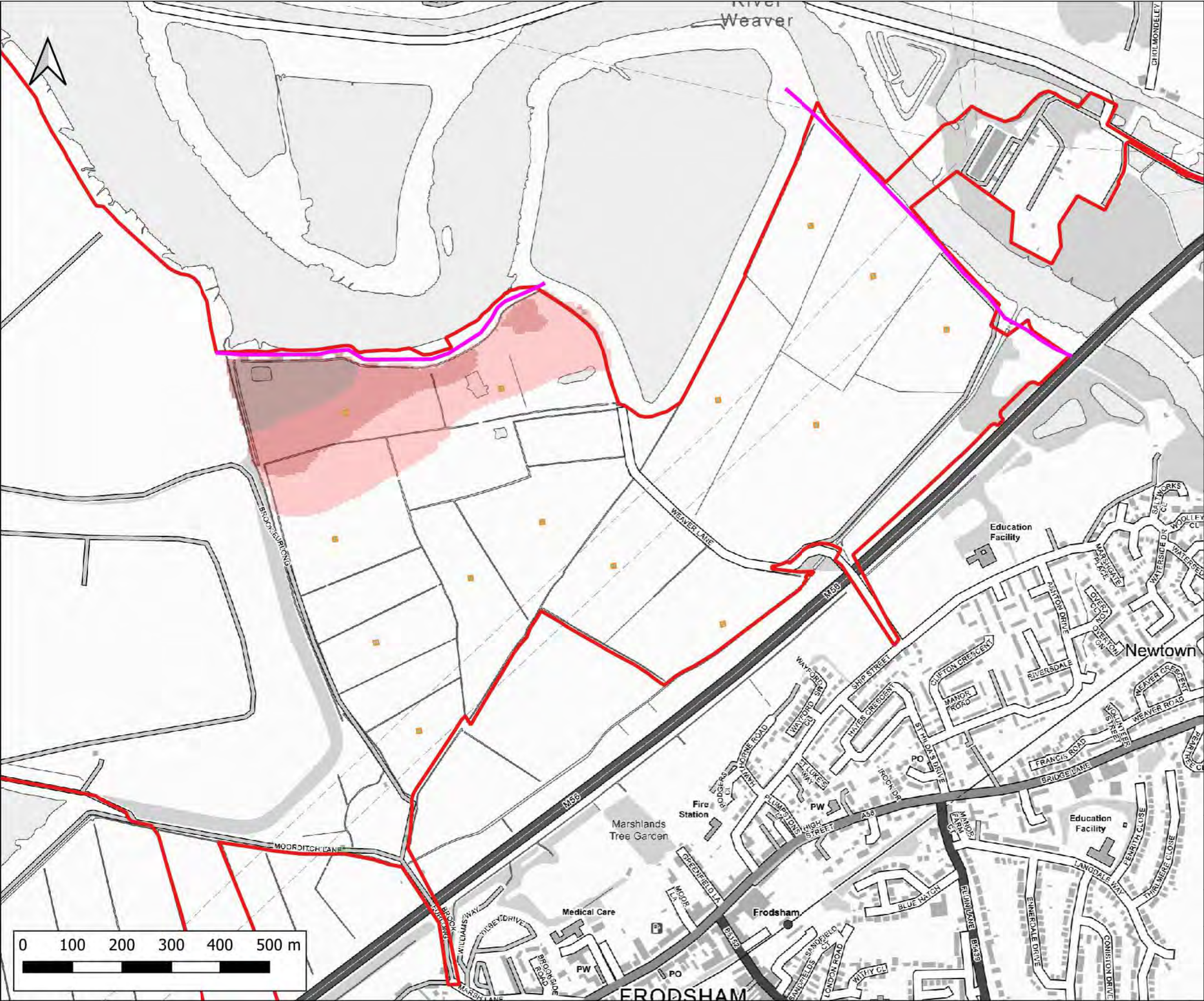
River Mersey Maximum Flood Depth  
0.5% AEP Tidal Event  
2075 Upper End  
Breach 1 Existing Scenario (EXG)

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

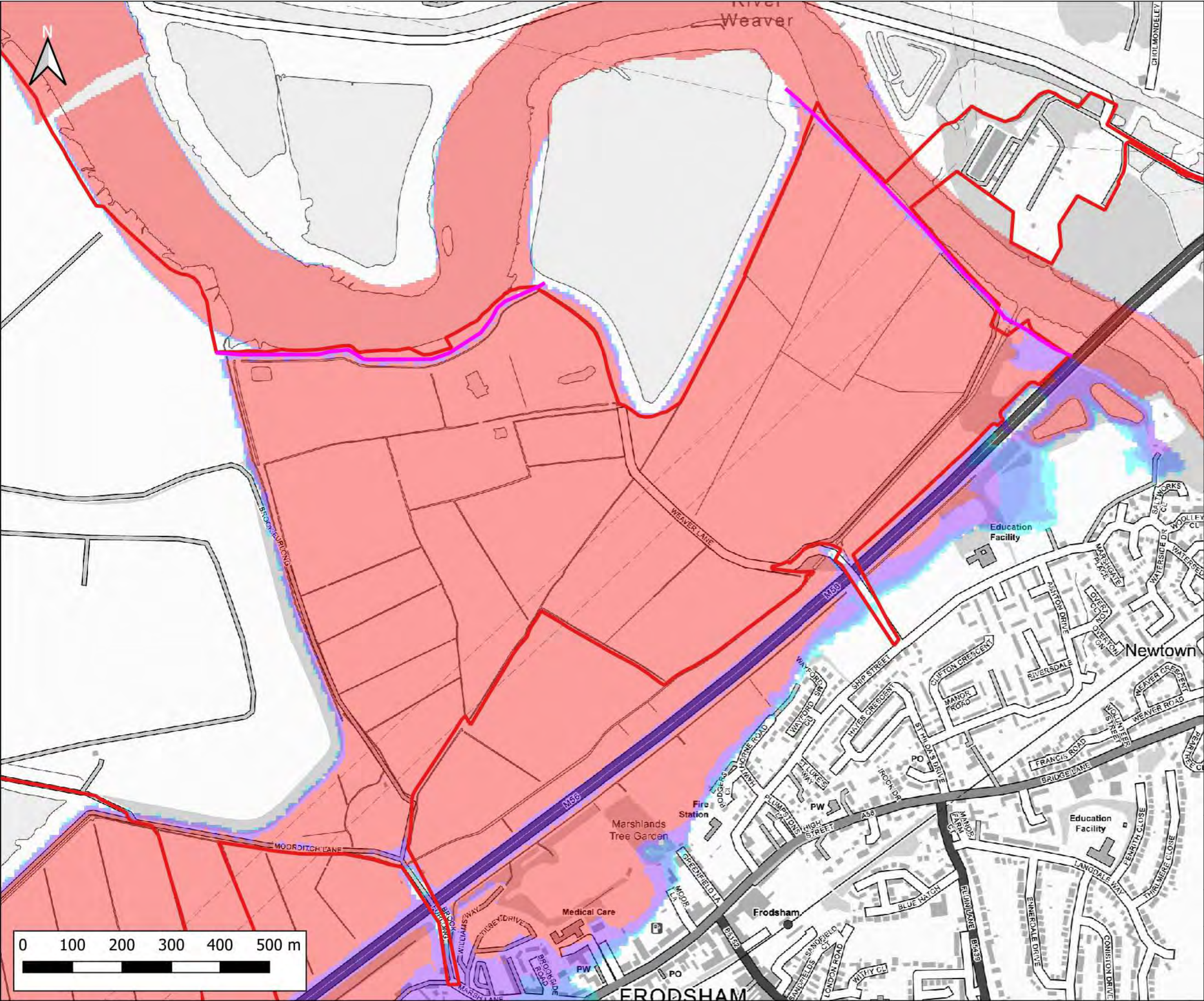
River Mersey Maximum Flood Depth Difference  
0.5% AEP Tidal Event  
2075 Upper End  
Breach 1 DEV - EXG

PLOT STATUS:		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-EXG_BR1_020_d-Diff	-

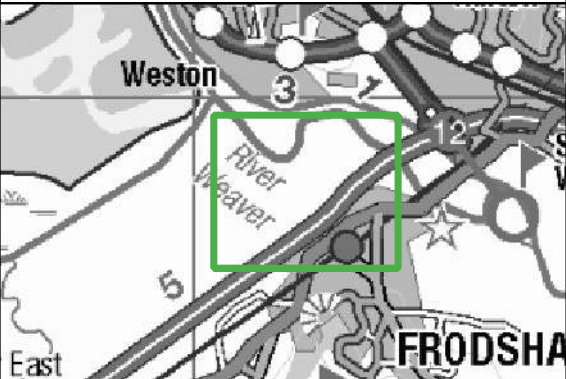




Notes:  
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

**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

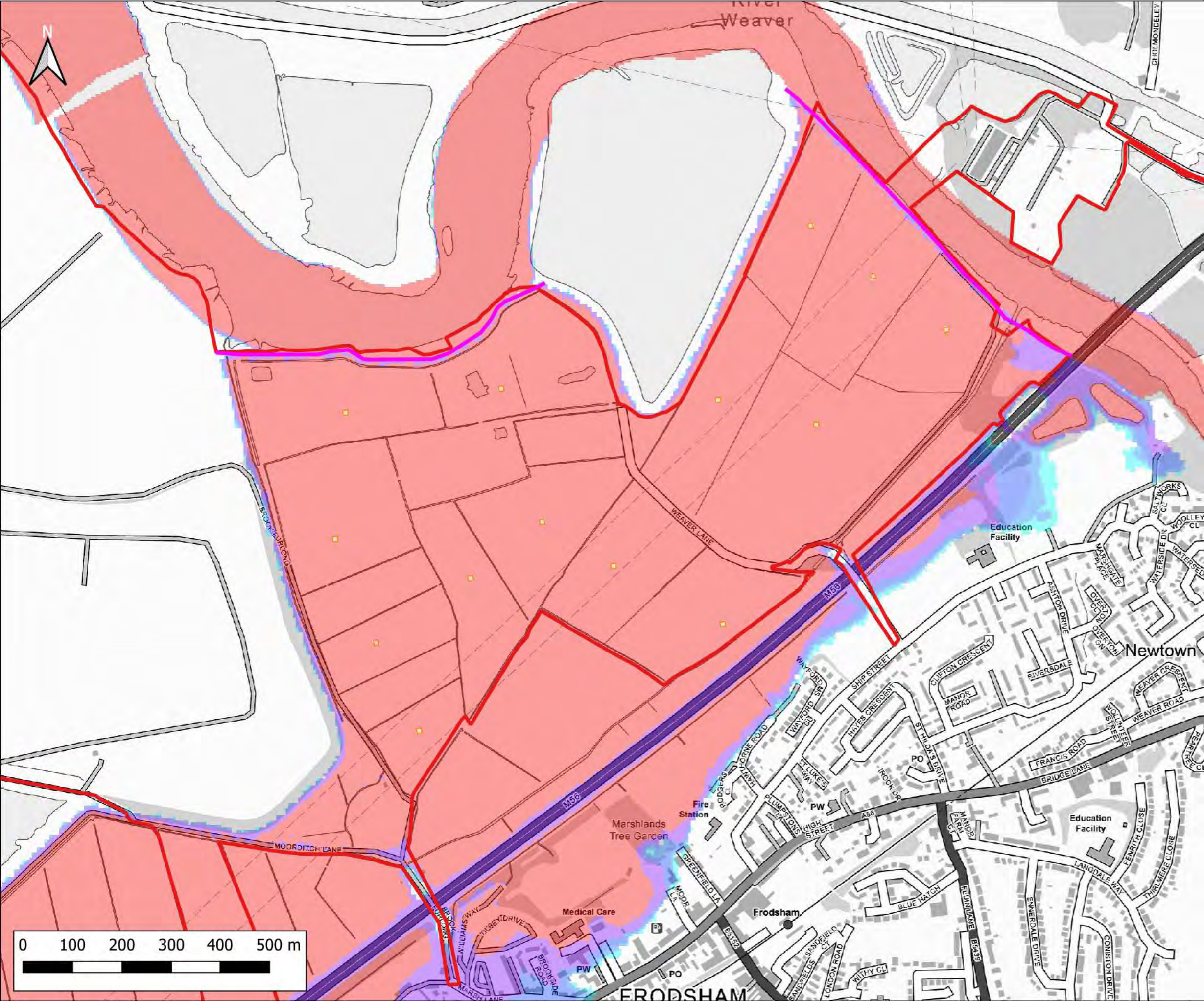
PLOT TITLE:  
River Mersey Maximum Flood Depth  
0.5% AEP Tidal Event  
H++  
Breach 1 Existing Scenario (EXG)

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: -

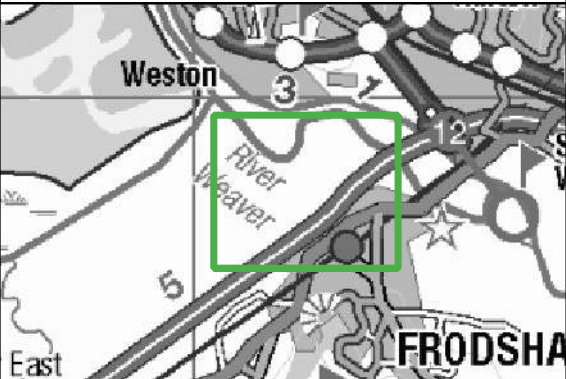





Notes:  
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

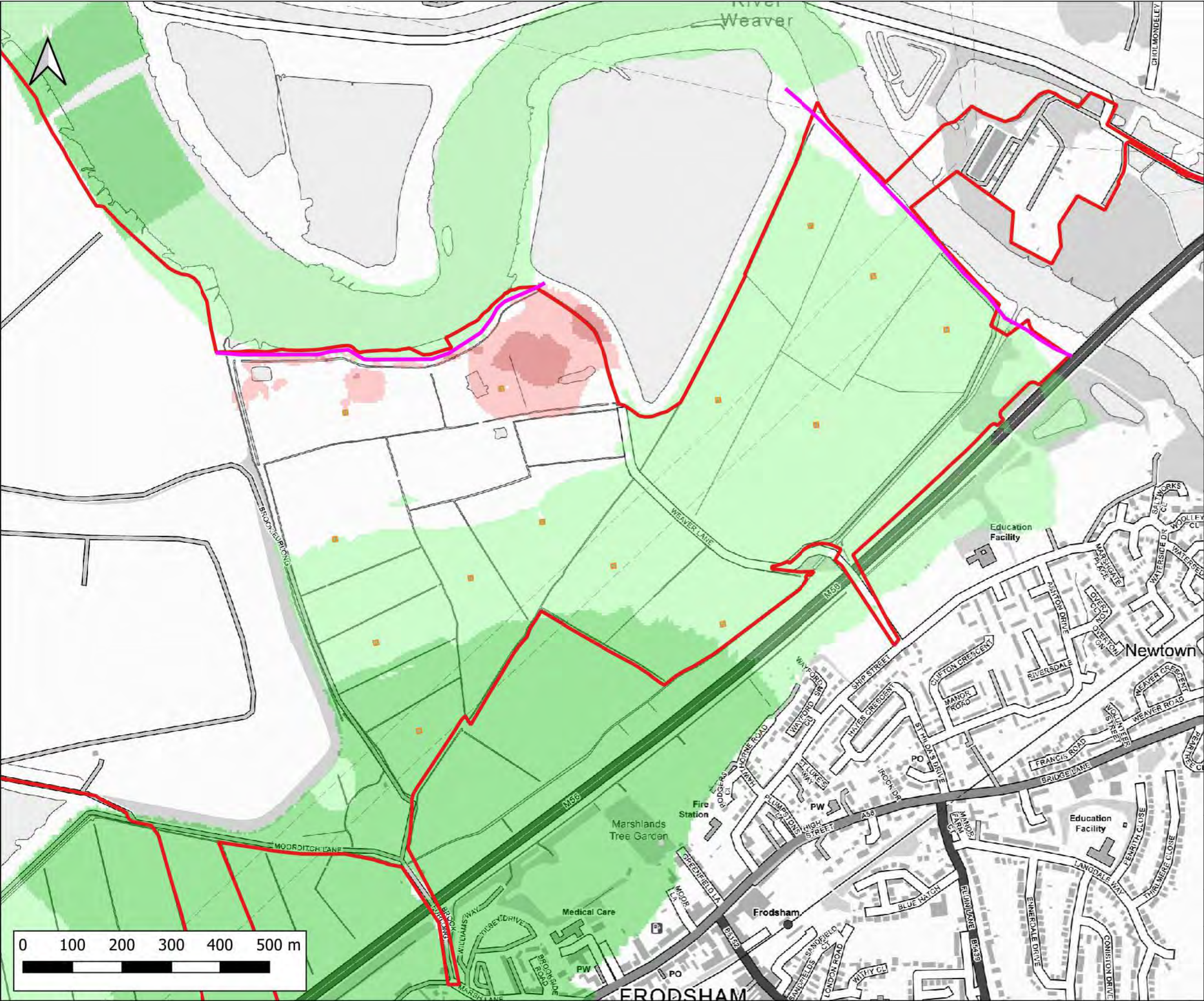
**LEGEND**

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



CLIENT:				Frodsham Solar Ltd			
				 www.waterco.co.uk			
SCHEME:				Frodsham Solar			
PLOT TITLE:				River Mersey Maximum Flood Depth 0.5% AEP Tidal Event H++ 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:						REVISION:	
14740_MERS_T200HC_2100H++_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  
River Weaver  
East  
FRODSHAM

CLIENT:  
Frodsham Solar Ltd

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

SCHEME:  
Frodsham Solar

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

PLOT STATUS:  
FINAL

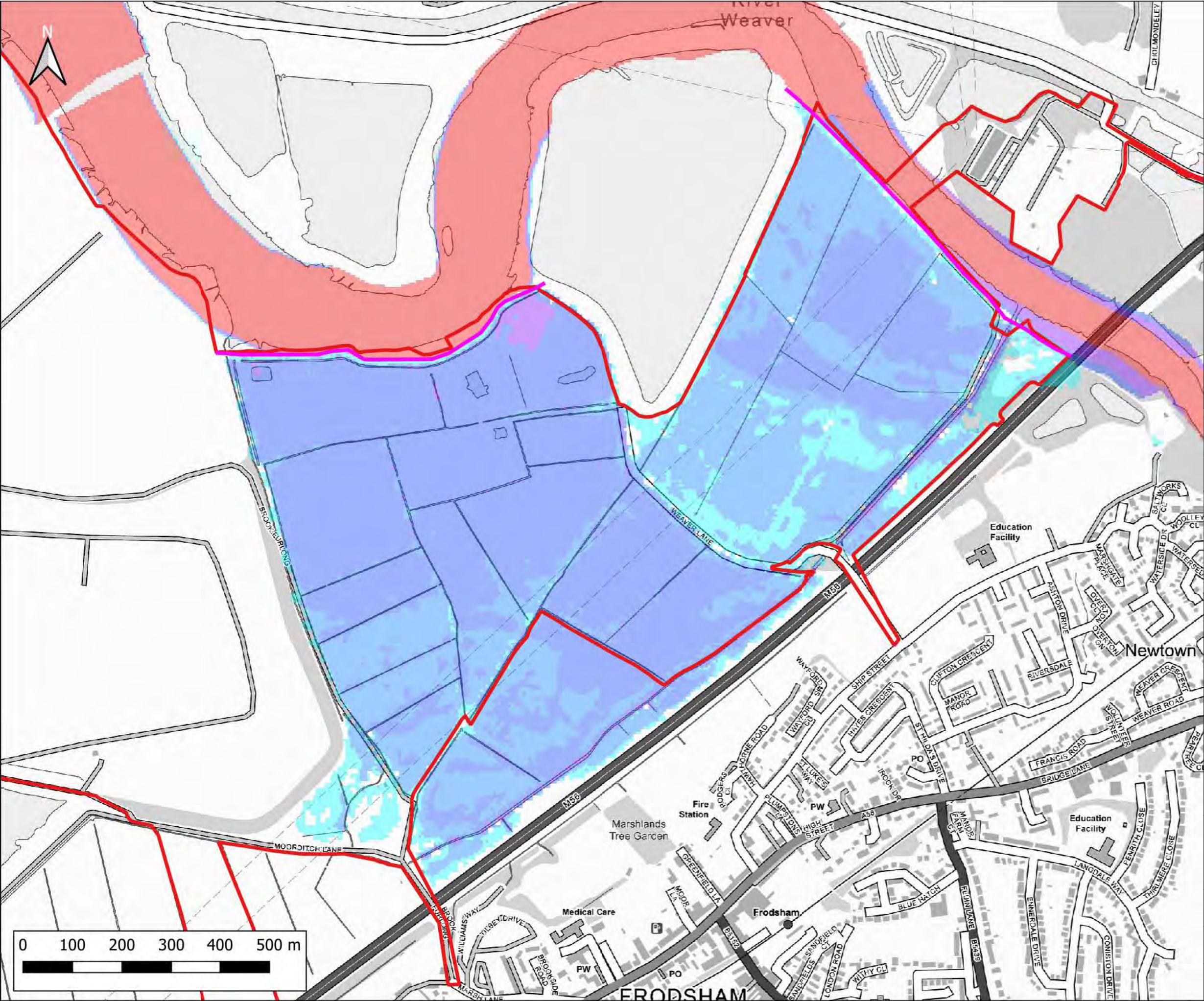
DATE:  
30-04-2025

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:

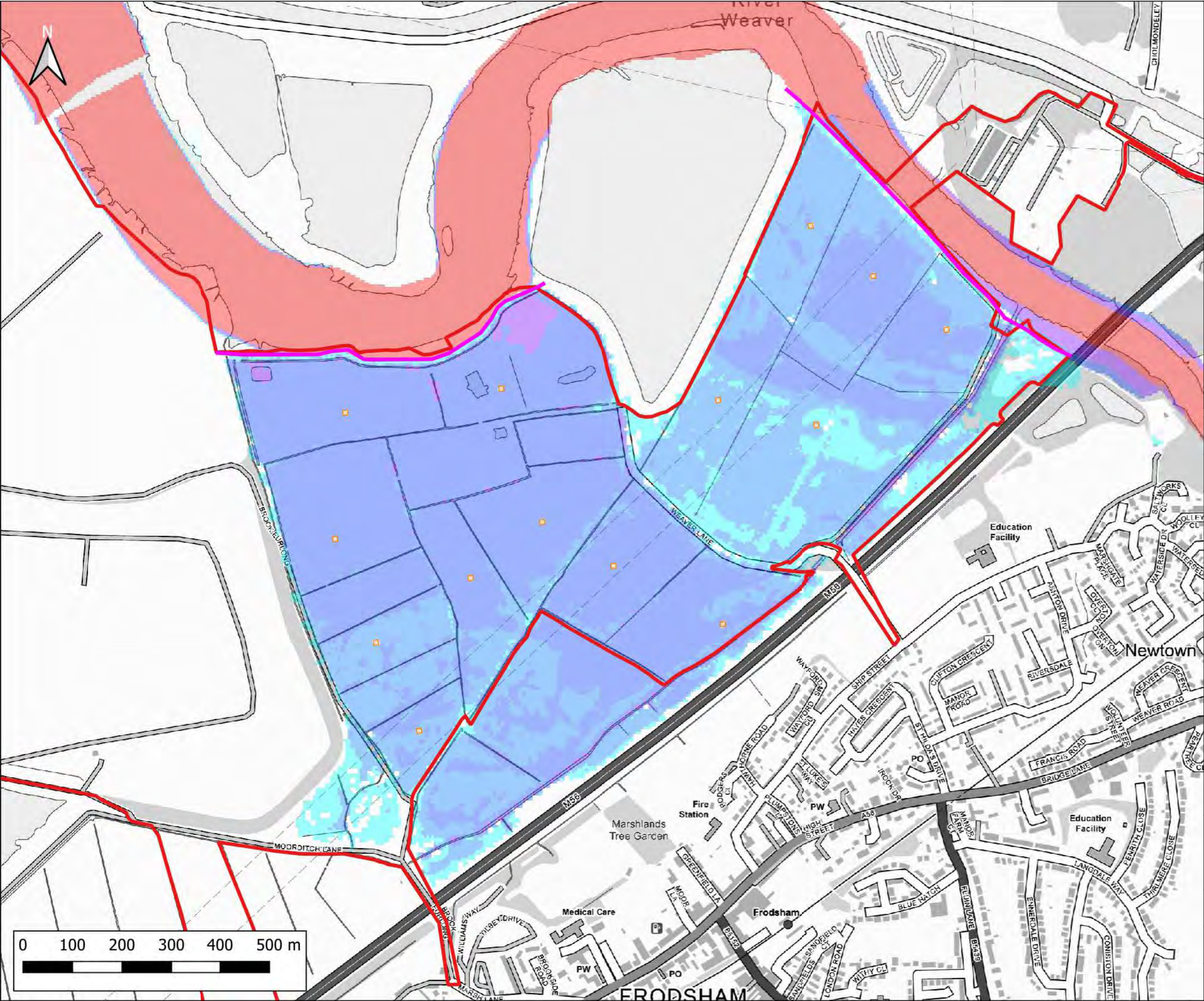
River Mersey Maximum Flood Depth  
0.1% AEP Tidal Event  
2024 Higher Central  
Breach 1 Existing Scenario (EXG)

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:

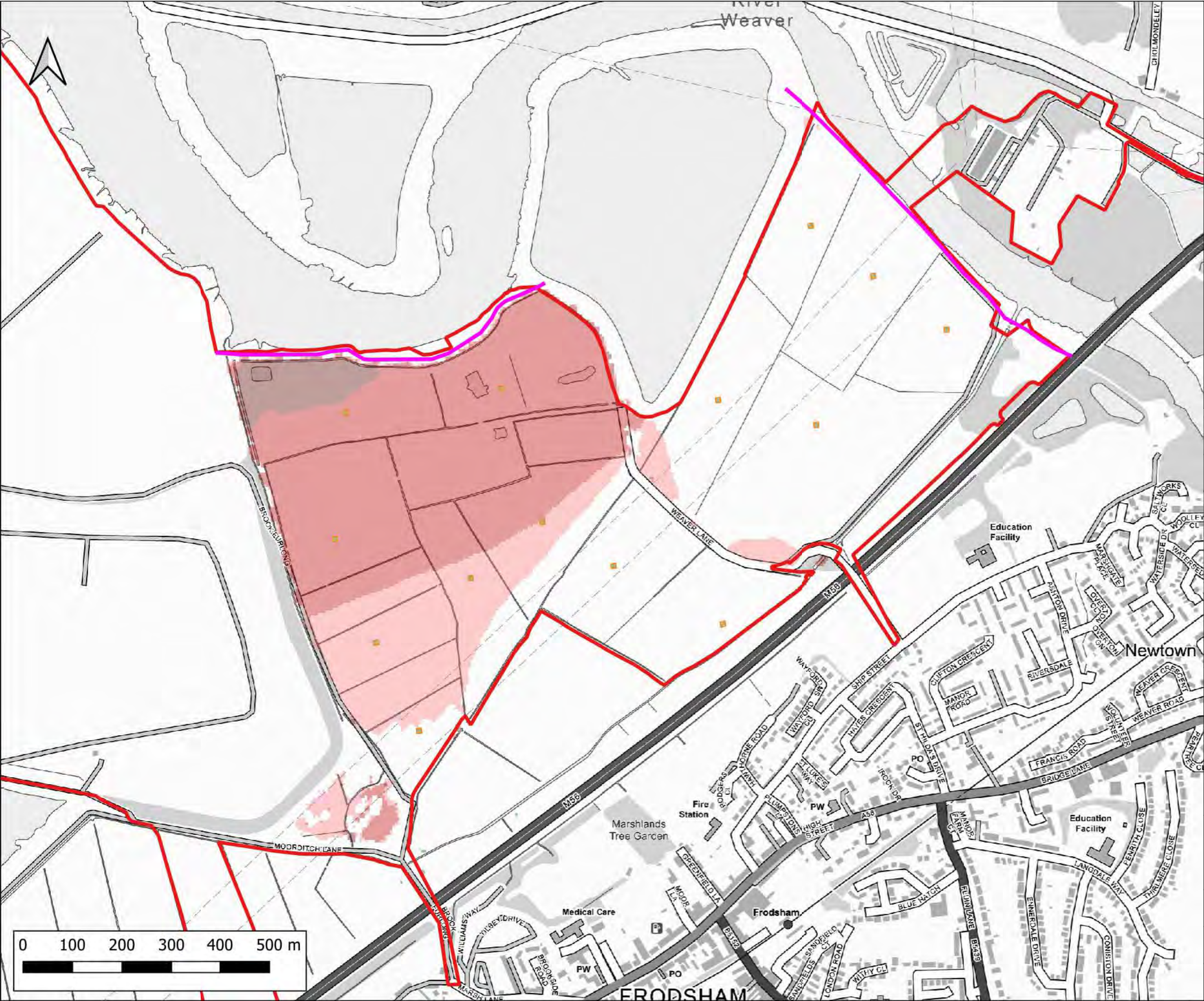
River Mersey Maximum Flood Depth  
0.1% AEP Tidal Event  
2024 Higher Central  
Breach 1 Proposed Development Scenario (DEV)

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

CLIENT:

Frodsham Solar Ltd

www.waterco.co.uk

SCHEME:

Frodsham Solar

PLOT TITLE:

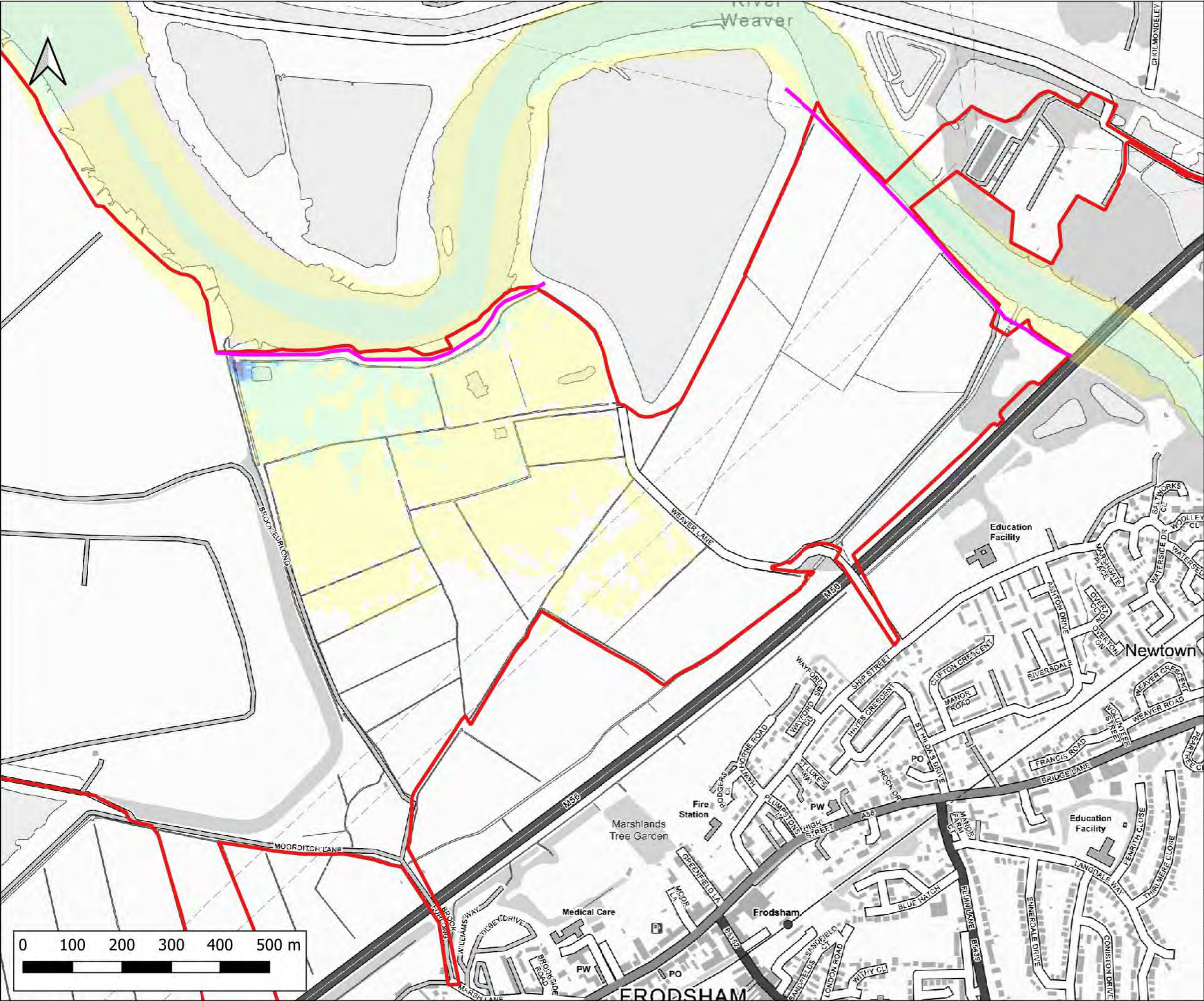
River Mersey Maximum Flood Depth Difference  
0.1% AEP Tidal Event  
2024 Higher Central  
Breach 1 DEV - EXG

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

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

PLOT NAME:	REVISION:
14740_MERS_T1000HC_2024HC_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 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:

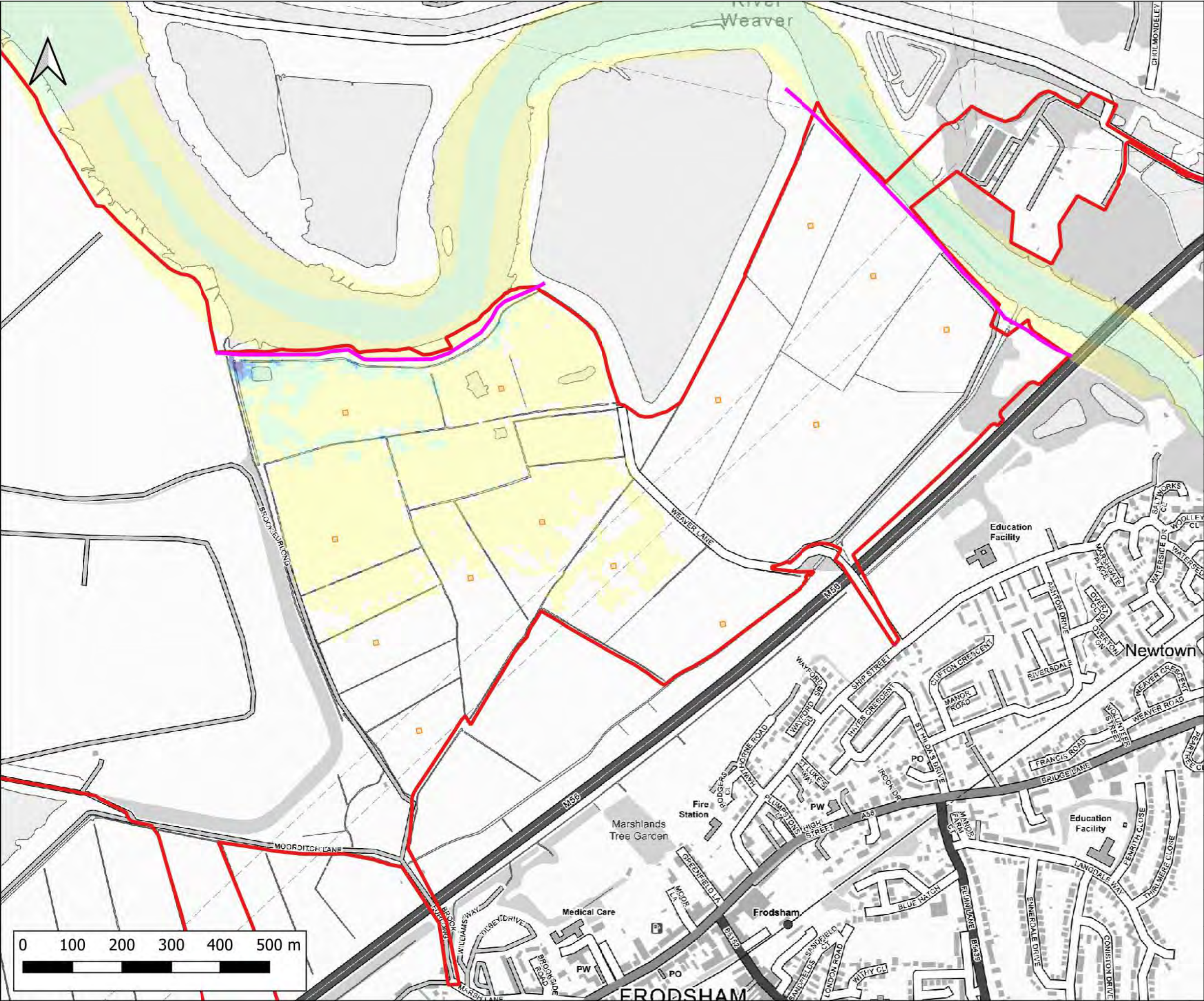
Frodsham Solar

PLOT TITLE:

River Mersey Maximum Flood Velocity  
0.5% AEP Tidal Event  
2024 Higher Central  
Defended 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_2024HC_EXG_DEF_020_V_Max					-





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

**LEGEND**

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

Maximum Flood Velocity (m/s)

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

Weston  
3  
12  
River Weaver  
East  
FRODSHAM

CLIENT:  
Frodsham Solar Ltd

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

SCHEME:  
Frodsham Solar

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

PLOT STATUS:  
FINAL

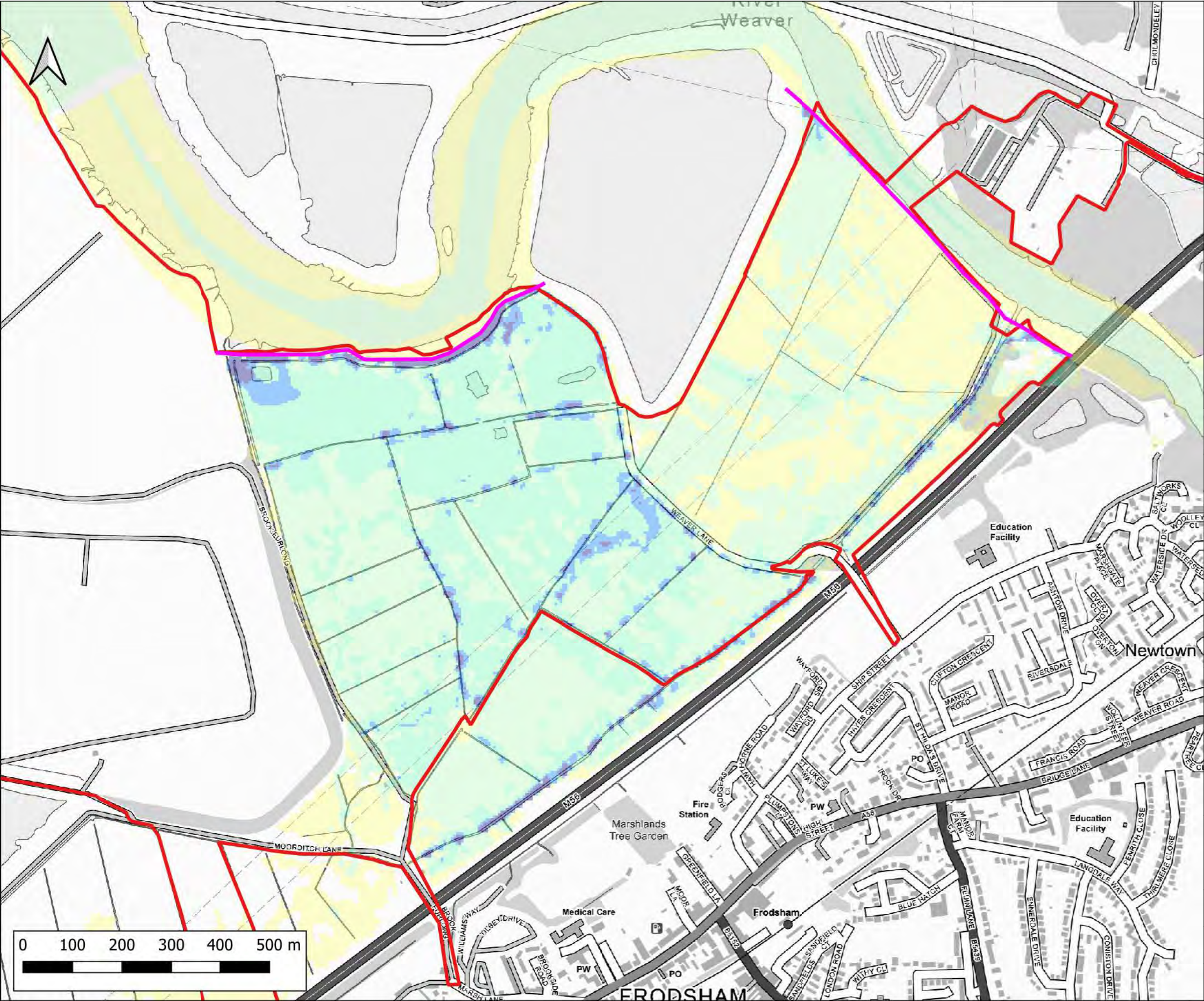
DATE:  
30-04-2025

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

PLOT NAME:  
14740\_MERS\_T200HC\_2024HC\_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

CLIENT:

Frodsham Solar Ltd

www.waterco.co.uk

SCHEME:

Frodsham Solar

PLOT TITLE:

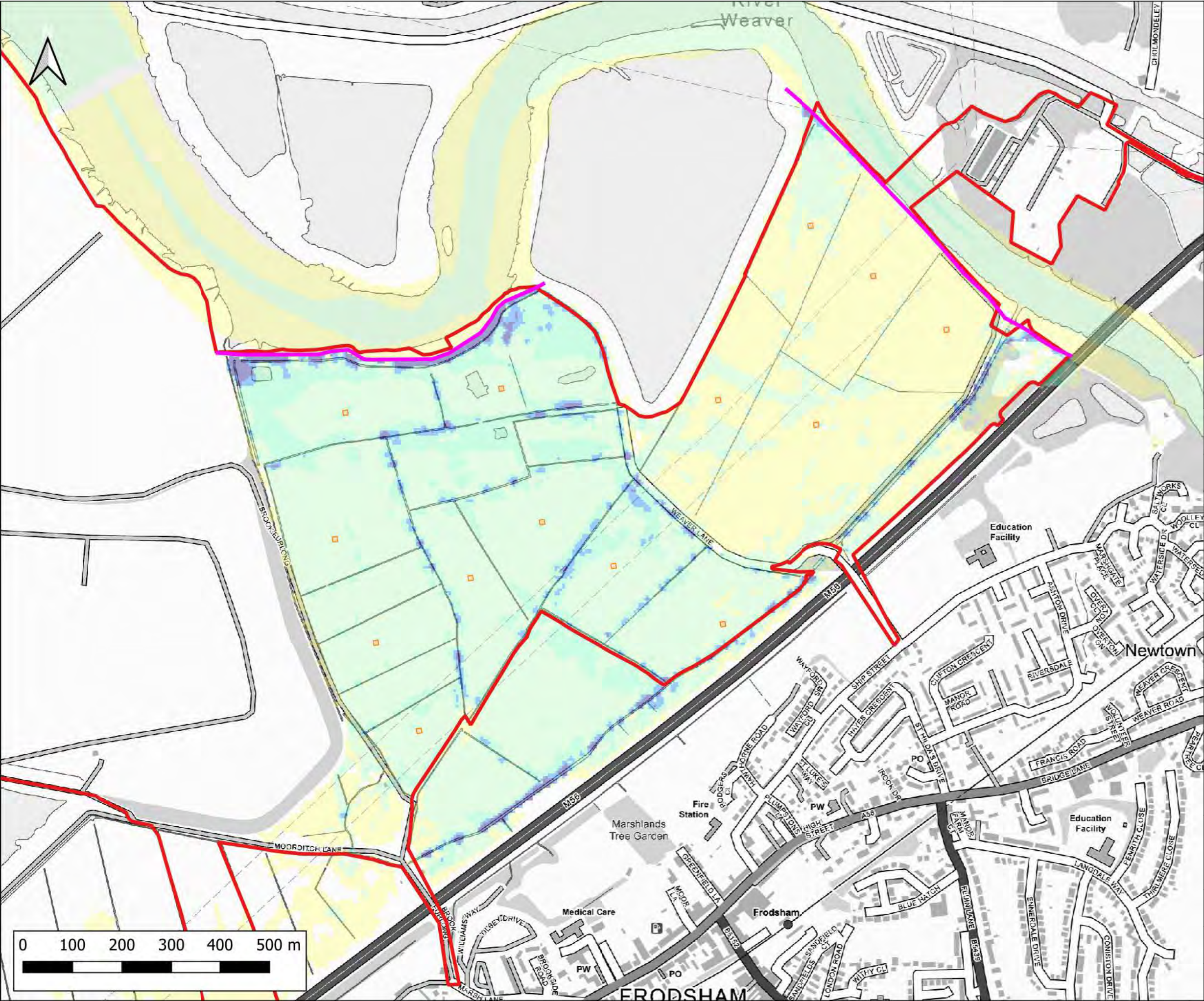
River Mersey Maximum Flood Velocity  
0.5% AEP Tidal Event  
2075 Higher Central  
Defended Existing Scenario (EXG)

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

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

PLOT NAME:		REVISION:
14740_MERS_T200HC_2075HC_EXG_DEF_020_V_Max		-





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

**LEGEND**

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

Maximum Flood Velocity (m/s)

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

CLIENT:

Frodsham Solar Ltd

www.waterco.co.uk

SCHEME:

Frodsham Solar

PLOT TITLE:

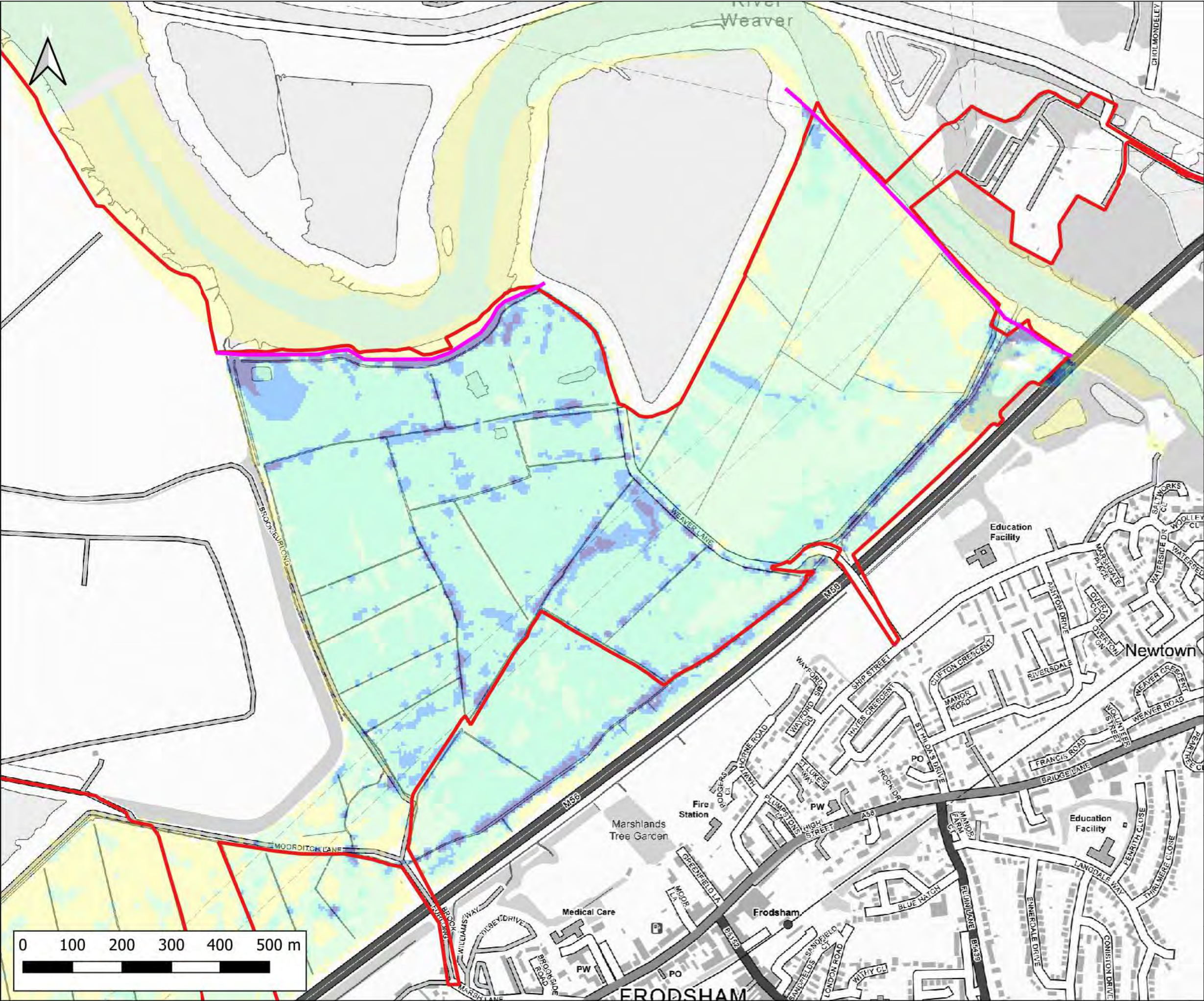
River Mersey Maximum Flood Velocity  
0.5% AEP Tidal Event  
2075 Higher Central  
Defended Proposed Development Scenario (DEV)

PLOT STATUS:		DATE:	
FINAL		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_V_Max	-





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

**LEGEND**

Site Boundary

River Weaver Flood Defences

Maximum Flood Velocity (m/s)

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

CLIENT:

Frodsham Solar Ltd

www.waterco.co.uk

SCHEME:

Frodsham Solar

PLOT TITLE:

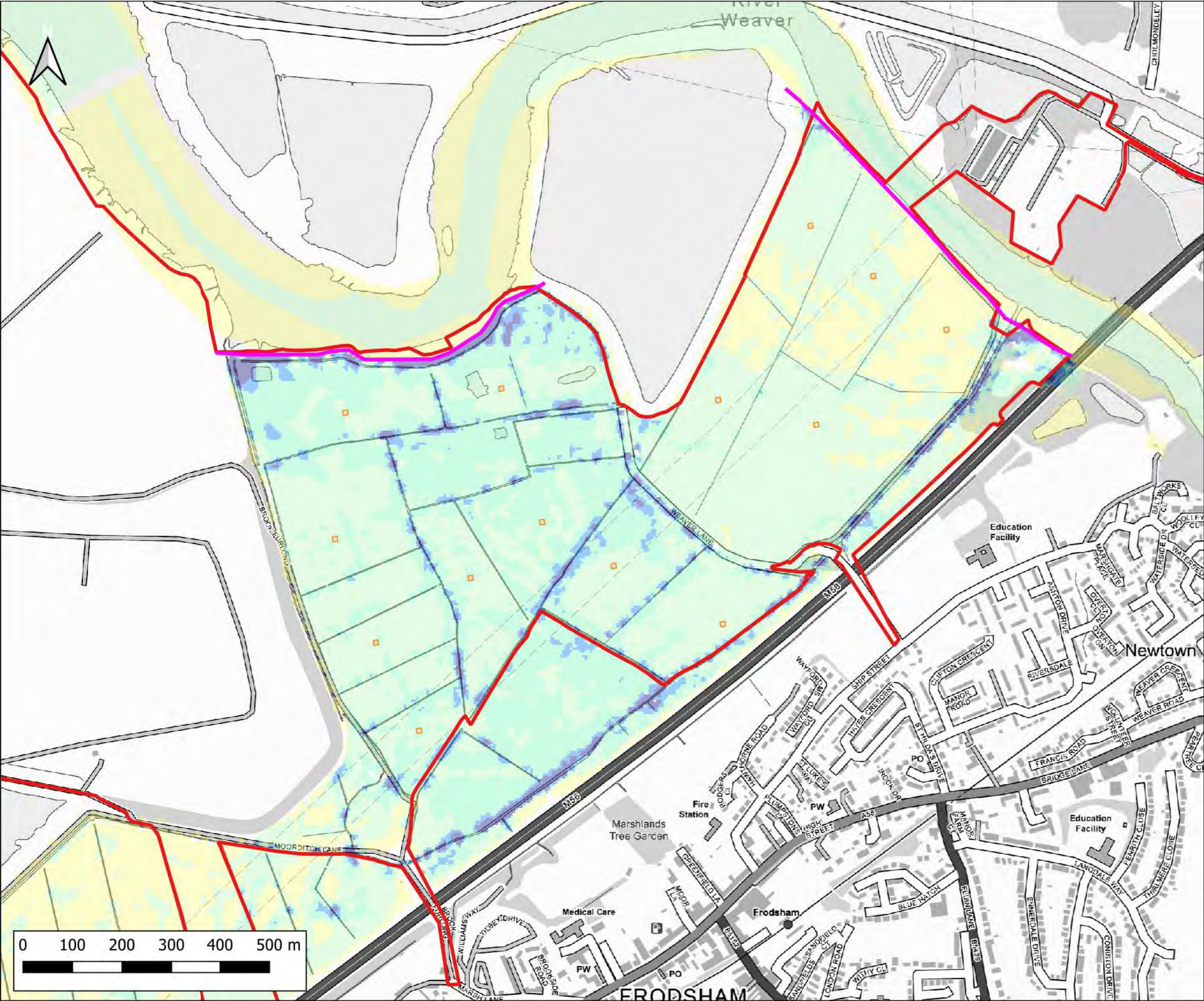
River Mersey Maximum Flood Velocity  
0.5% AEP Tidal Event  
2075 Upper End  
Defended Existing Scenario (EXG)

PLOT STATUS:		DATE:	
FINAL		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:

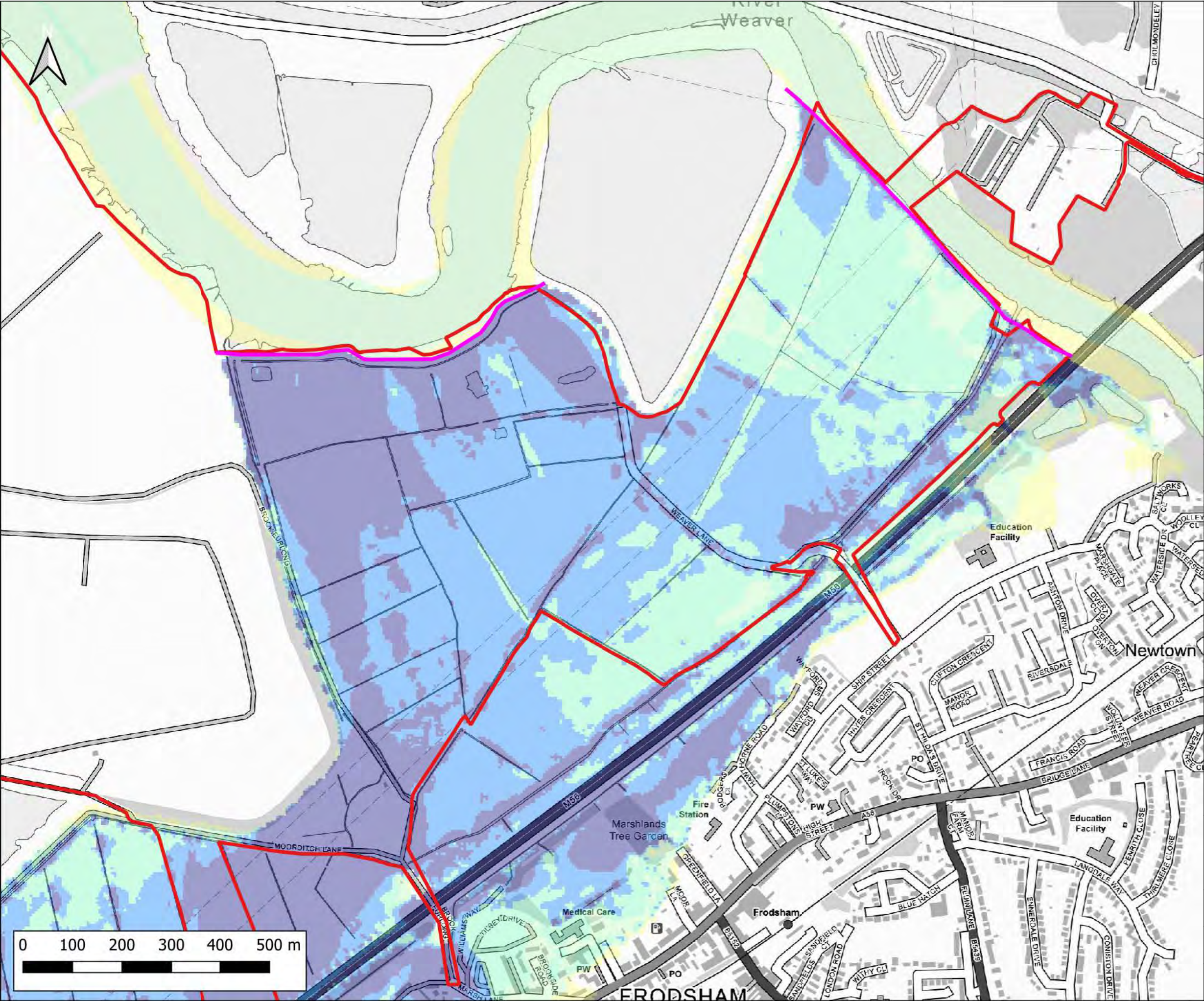
River Mersey Maximum Flood Velocity  
0.5% AEP Tidal Event  
2075 Upper End  
Defended Proposed Development Scenario (DEV)

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

CLIENT:

Frodsham Solar Ltd

www.waterco.co.uk

SCHEME:

Frodsham Solar

PLOT TITLE:

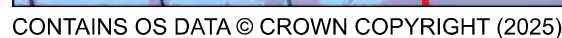
River Mersey Maximum Flood Velocity  
0.5% AEP Tidal Event  
H++  
Defended Existing Scenario (EXG)

PLOT STATUS:		DATE:	
FINAL		30-04-2025	

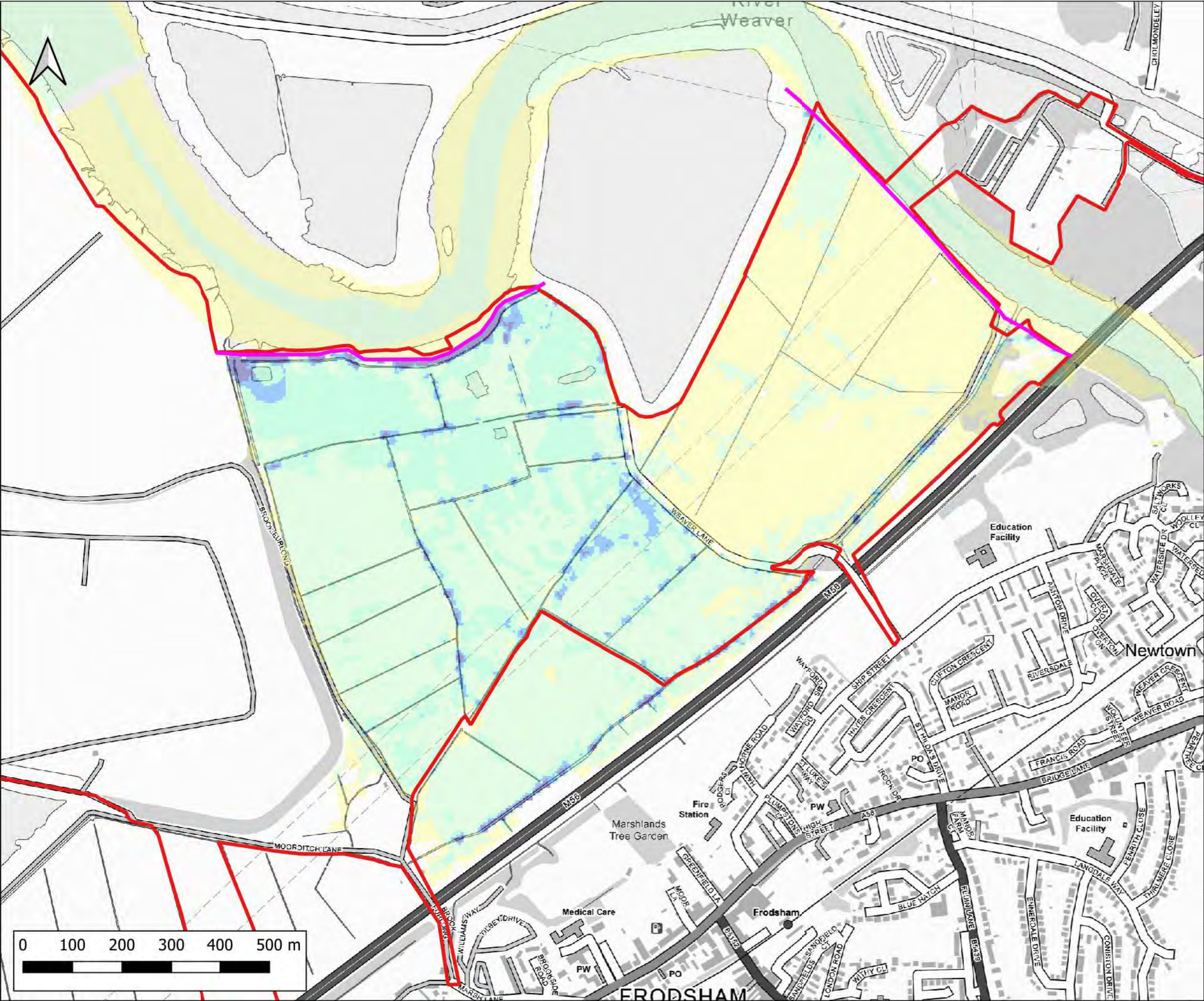
DRAWN:	CHECKED:	APPROVED:	PLOT SCALE AT A3:
MH	AP	LS	1:7500

PLOT NAME:	REVISION:
14740_MERS_T200HC_2100H++_EXG_DEF_020_V_Max	-









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

**LEGEND**

Site Boundary

River Weaver Flood Defences

Maximum Flood Velocity (m/s)

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

CLIENT:

Frodsham Solar Ltd

www.waterco.co.uk

SCHEME:

Frodsham Solar

PLOT TITLE:

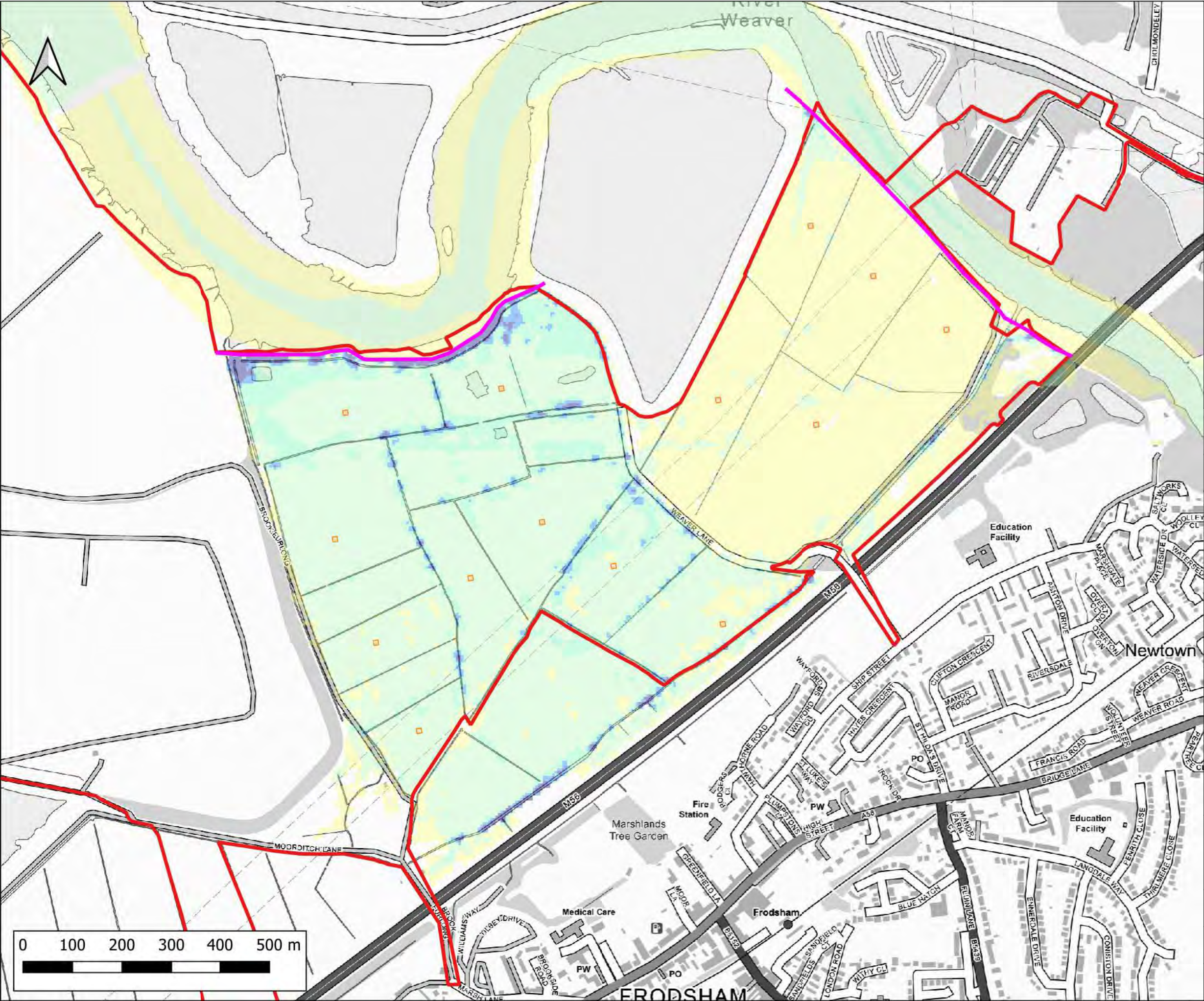
River Mersey Maximum Flood Velocity  
0.1% AEP Tidal Event  
2024 Higher Central  
Defended Existing Scenario (EXG)

PLOT STATUS:		FINAL		DATE:	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_V_Max	-

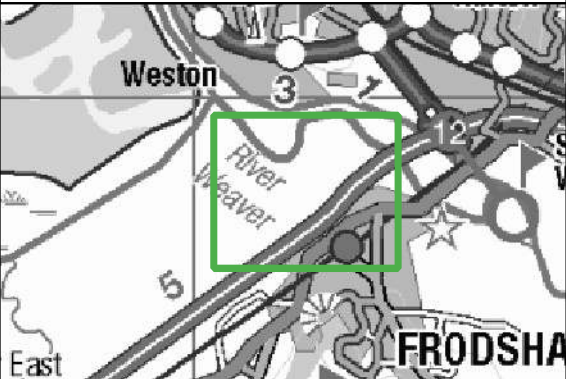




Notes:  
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

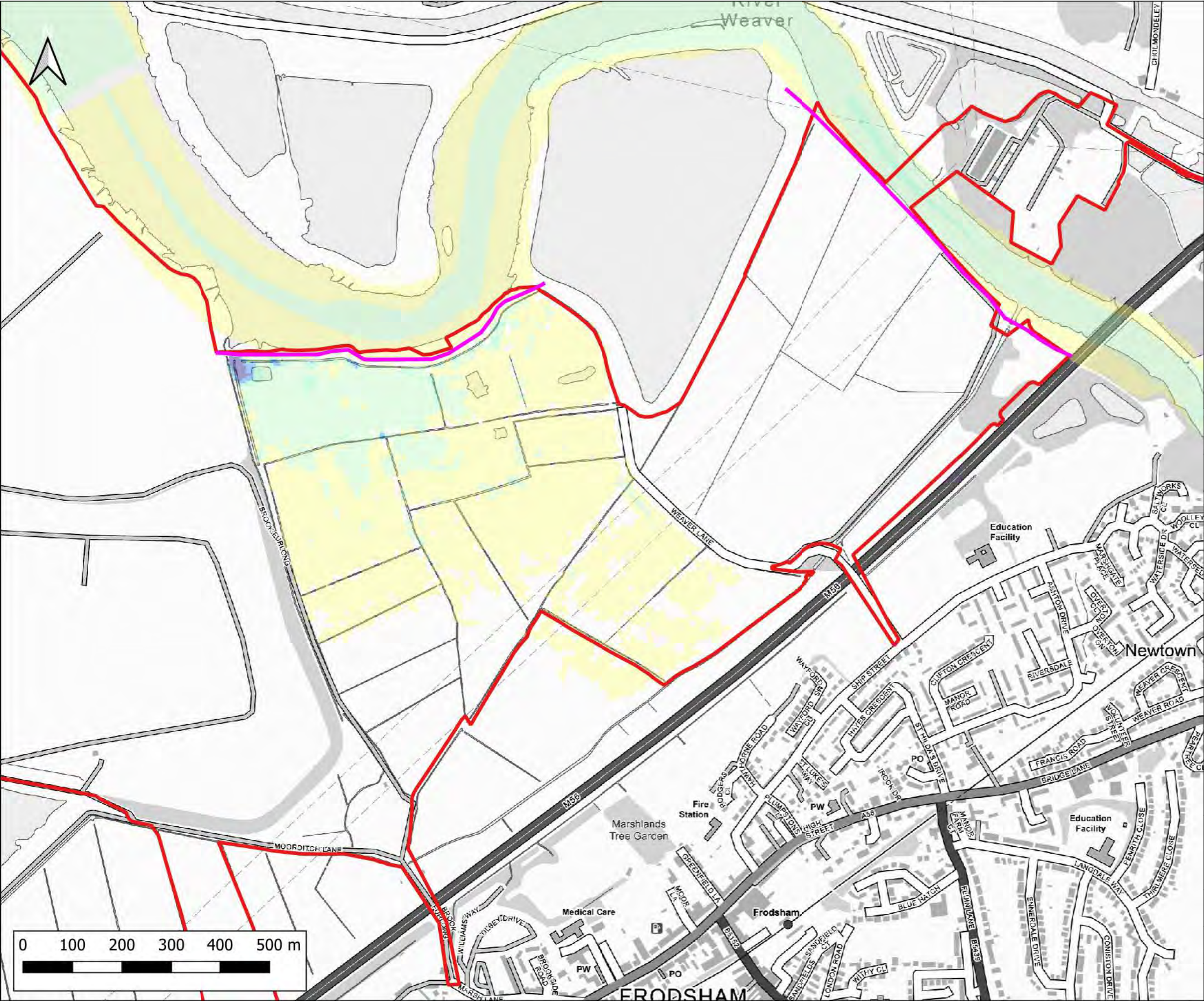
**LEGEND**

- 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			
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			-

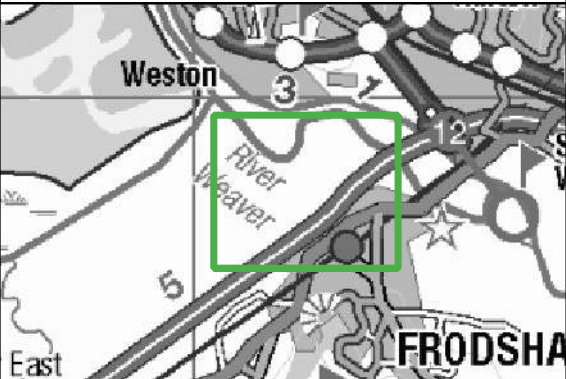




Notes:  
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

**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



Frodsham Solar Ltd



Frodsham Solar

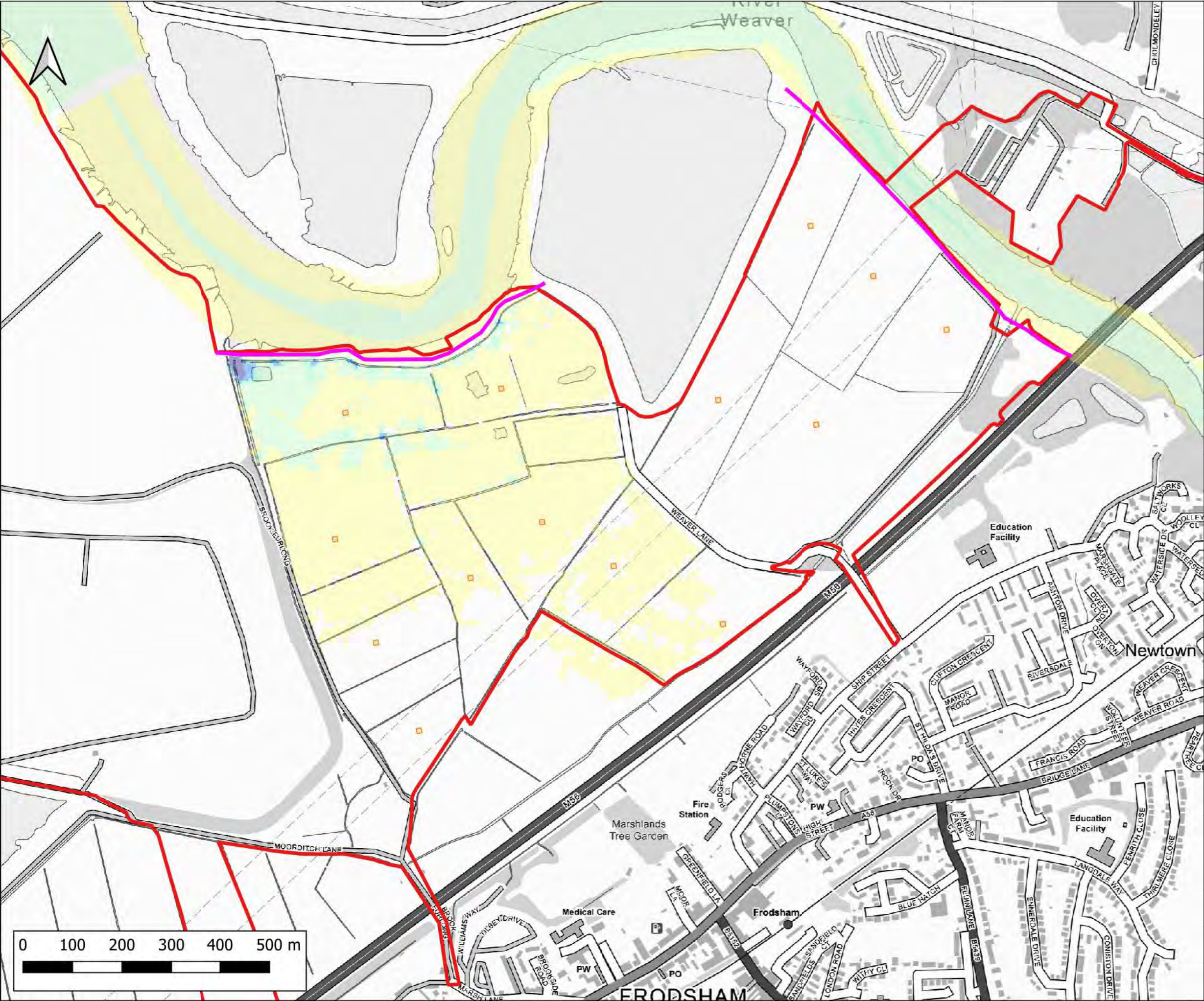
**PLOT TITLE:**  
River Mersey Maximum Flood Velocity  
0.5% AEP Tidal Event  
2024 Higher Central  
Breach 1 Existing Scenario (EXG)

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

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

**PLOT NAME:** 14740\_MERS\_T200HC\_2024HC\_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  
2024 Higher Central  
Breach 1 Proposed Development Scenario (DEV)

PLOT STATUS:		DATE:	
FINAL		30-04-2025	

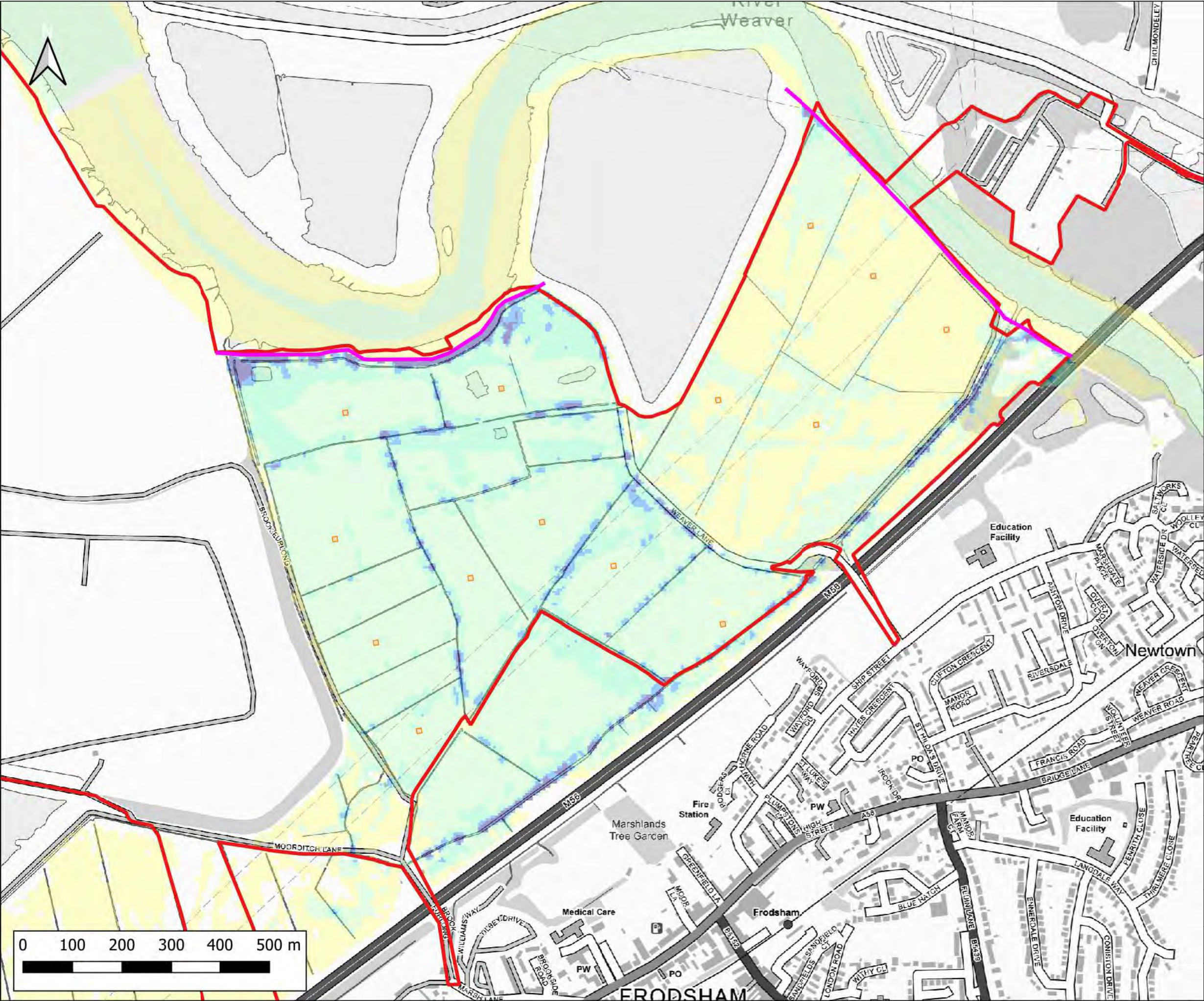
DRAWN:	CHECKED:	APPROVED:	PLOT SCALE AT A3:
MH	AP	LS	1:7500

PLOT NAME:	REVISION:
14740_MERS_T200HC_2024HC_DEV2_BR1_020_V_Max	-





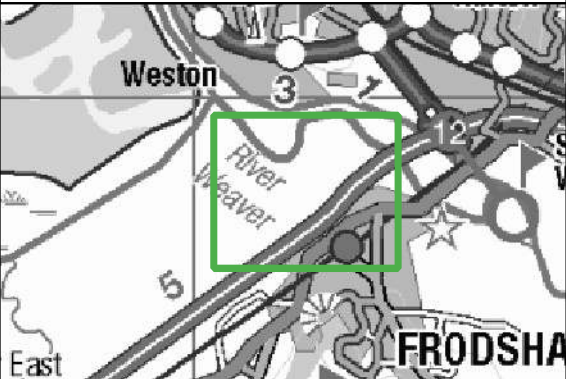




Notes:  
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

**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

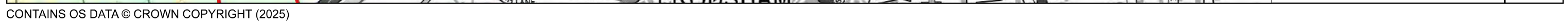
PLOT TITLE:  
River Mersey Maximum Flood Velocity  
0.5% AEP Tidal Event  
2075 Higher Central  
Breach 1 Proposed Development Scenario (DEV)

PLOT STATUS: FINAL DATE: 30-04-2025

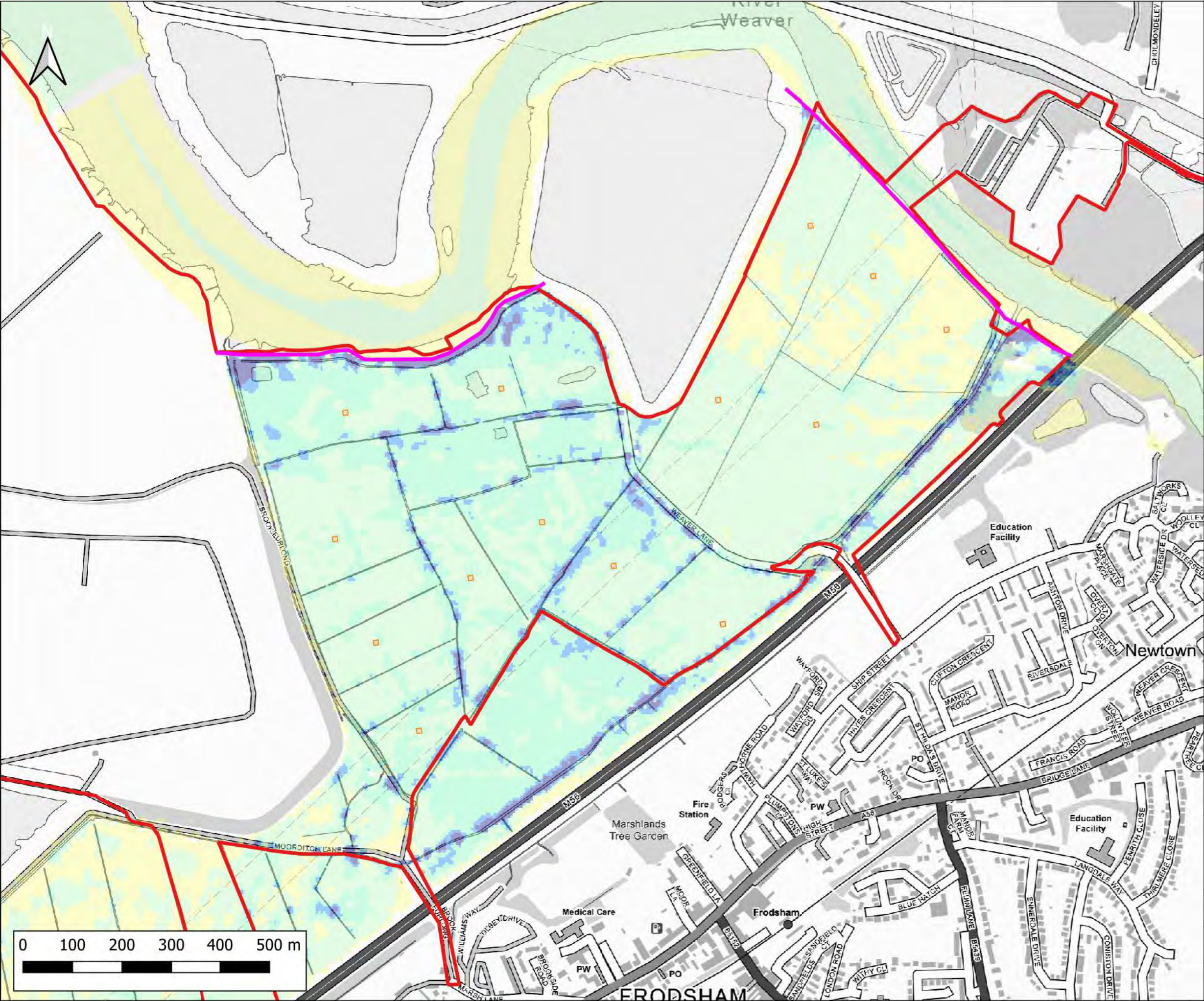
DRAWN: MH CHECKED: AP APPROVED: LS PLOT SCALE AT A3: 1:7500

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





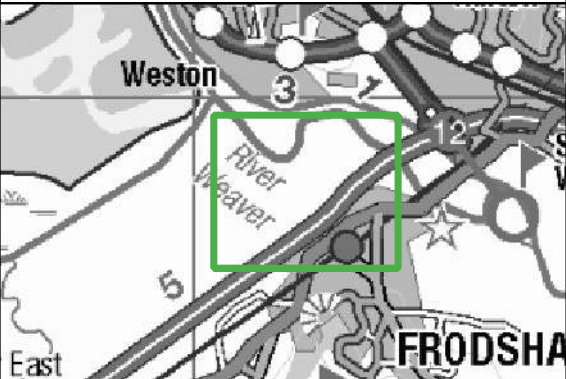




Notes:  
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

**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

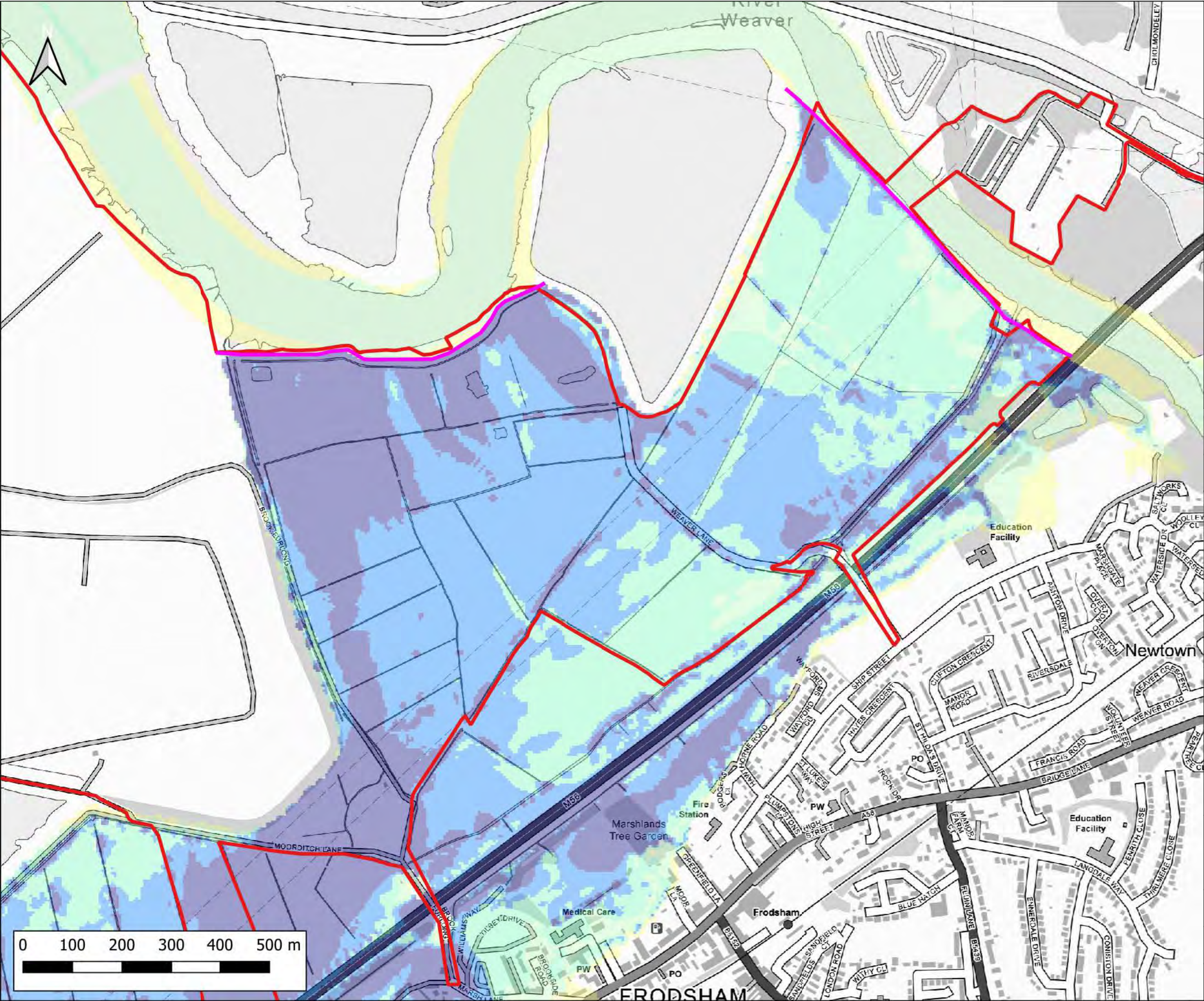
PLOT TITLE:  
River Mersey Maximum Flood Velocity  
0.5% AEP Tidal Event  
2075 Upper End  
Breach 1 Proposed Development Scenario (DEV)

PLOT STATUS: FINAL DATE: 30-04-2025

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

PLOT NAME: 14740\_MERS\_T200HC\_2075UE\_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:

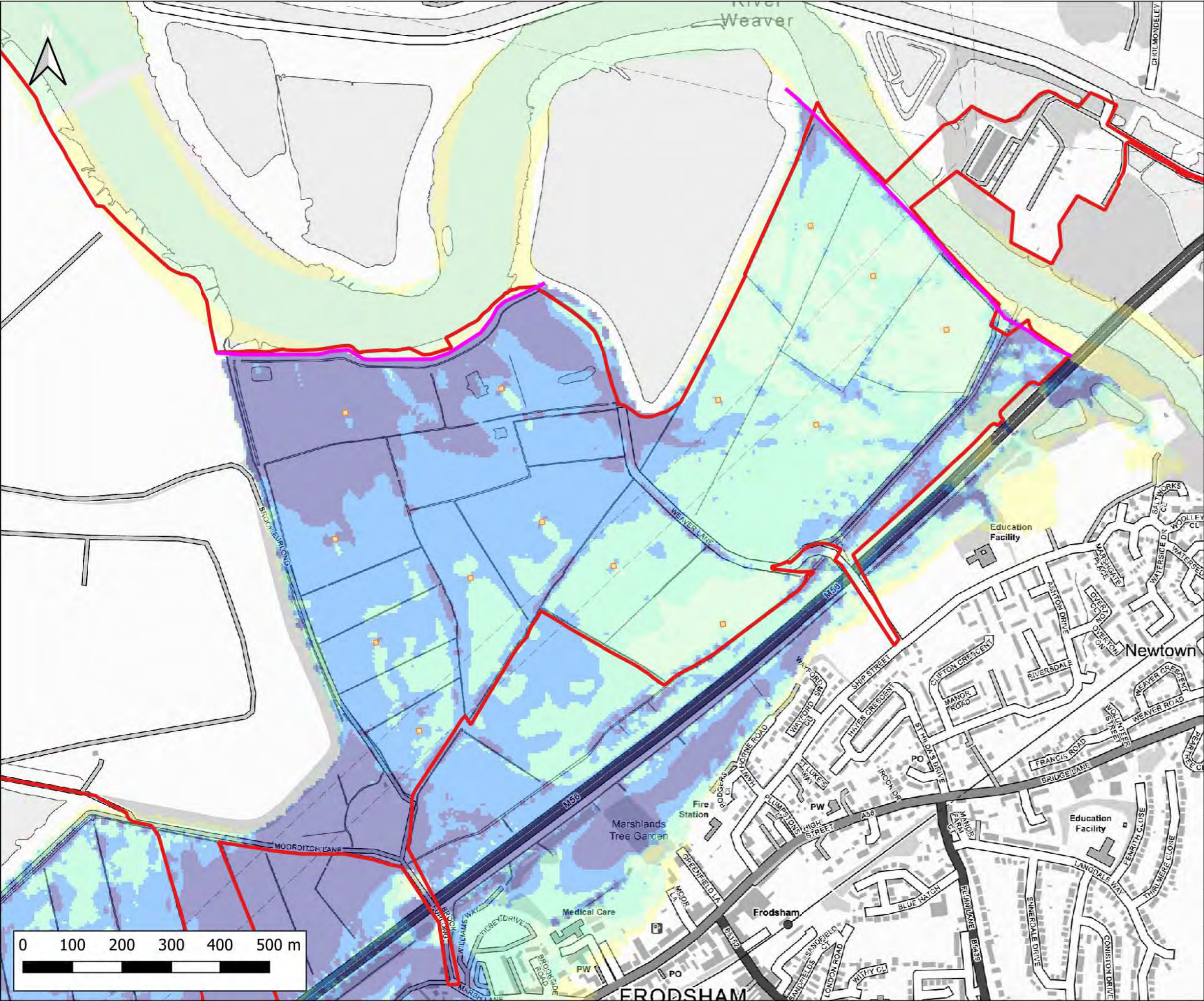
River Mersey Maximum Flood Velocity  
0.5% AEP Tidal Event  
H++  
Breach 1 Existing Scenario (EXG)

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_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

CLIENT:

Frodsham Solar Ltd

www.waterco.co.uk

SCHEME:

Frodsham Solar

PLOT TITLE:

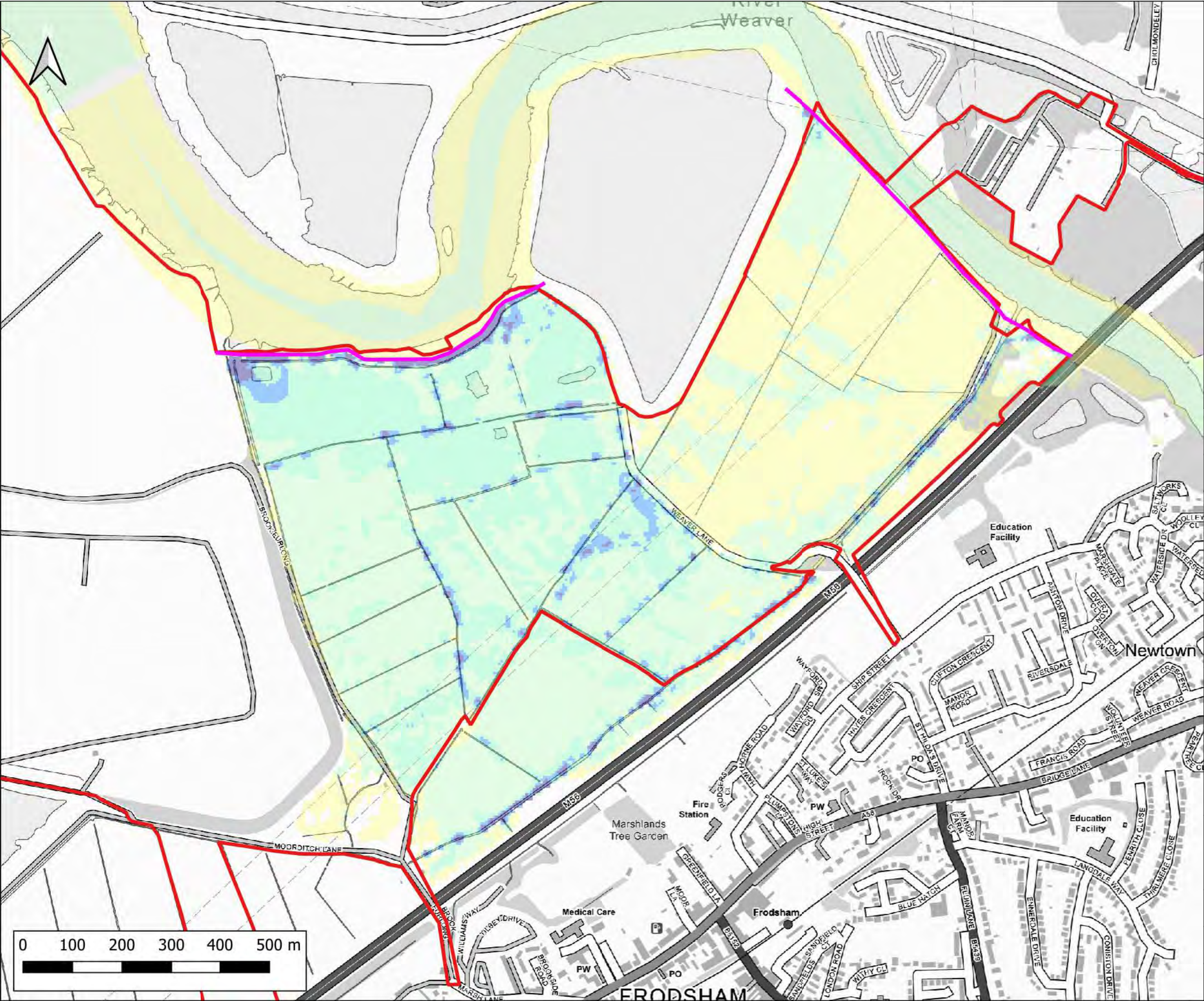
River Mersey Maximum Flood Velocity  
0.5% AEP Tidal Event  
H++  
Breach 1 Proposed Development Scenario (DEV)

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_V_Max	-





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

**LEGEND**

Site Boundary

River Weaver Flood Defences

Maximum Flood Velocity (m/s)

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

CLIENT:

Frodsham Solar Ltd

www.waterco.co.uk

SCHEME:

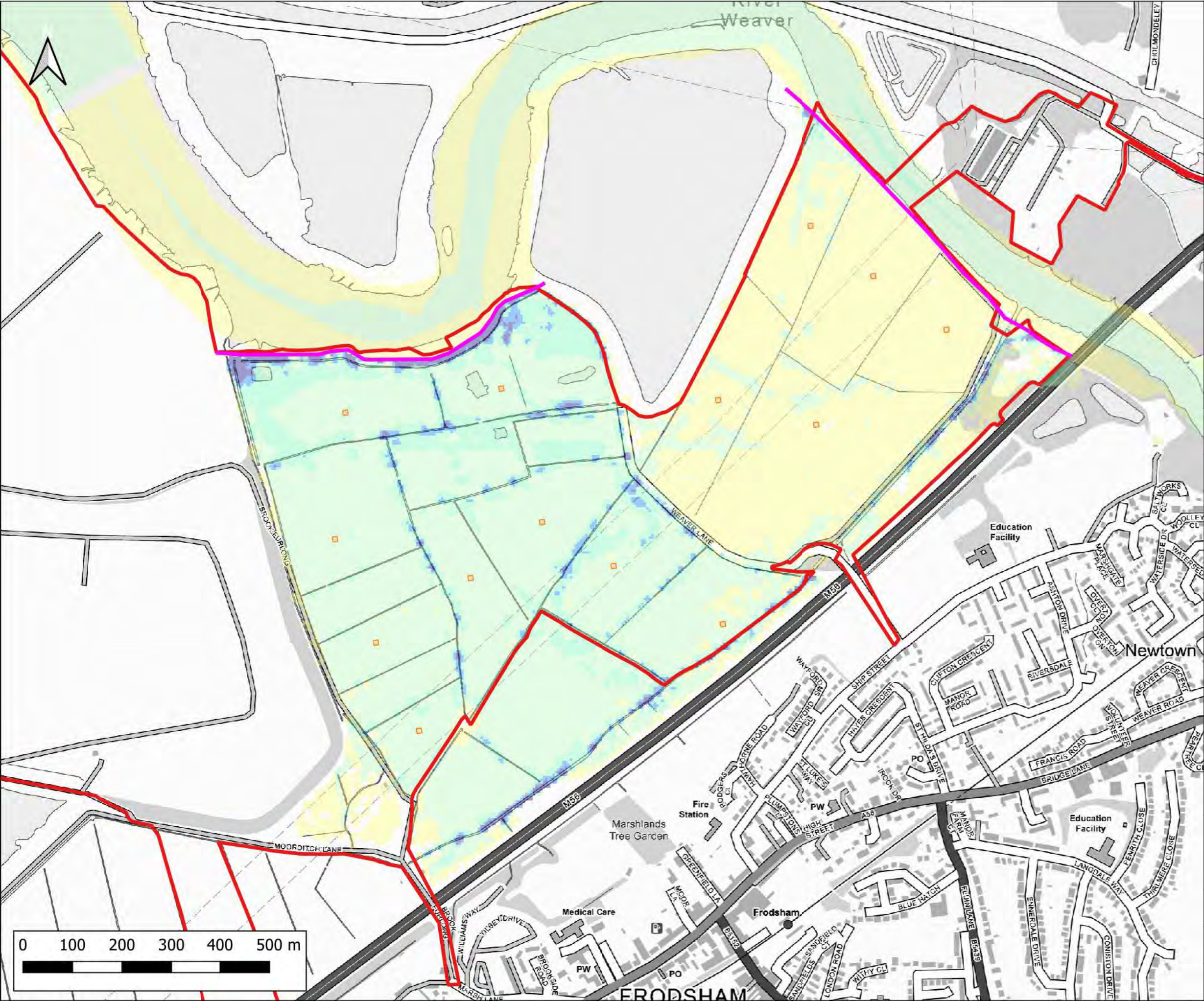
Frodsham Solar

PLOT TITLE:

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

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

www.waterco.co.uk

SCHEME:

Frodsham Solar

PLOT TITLE:

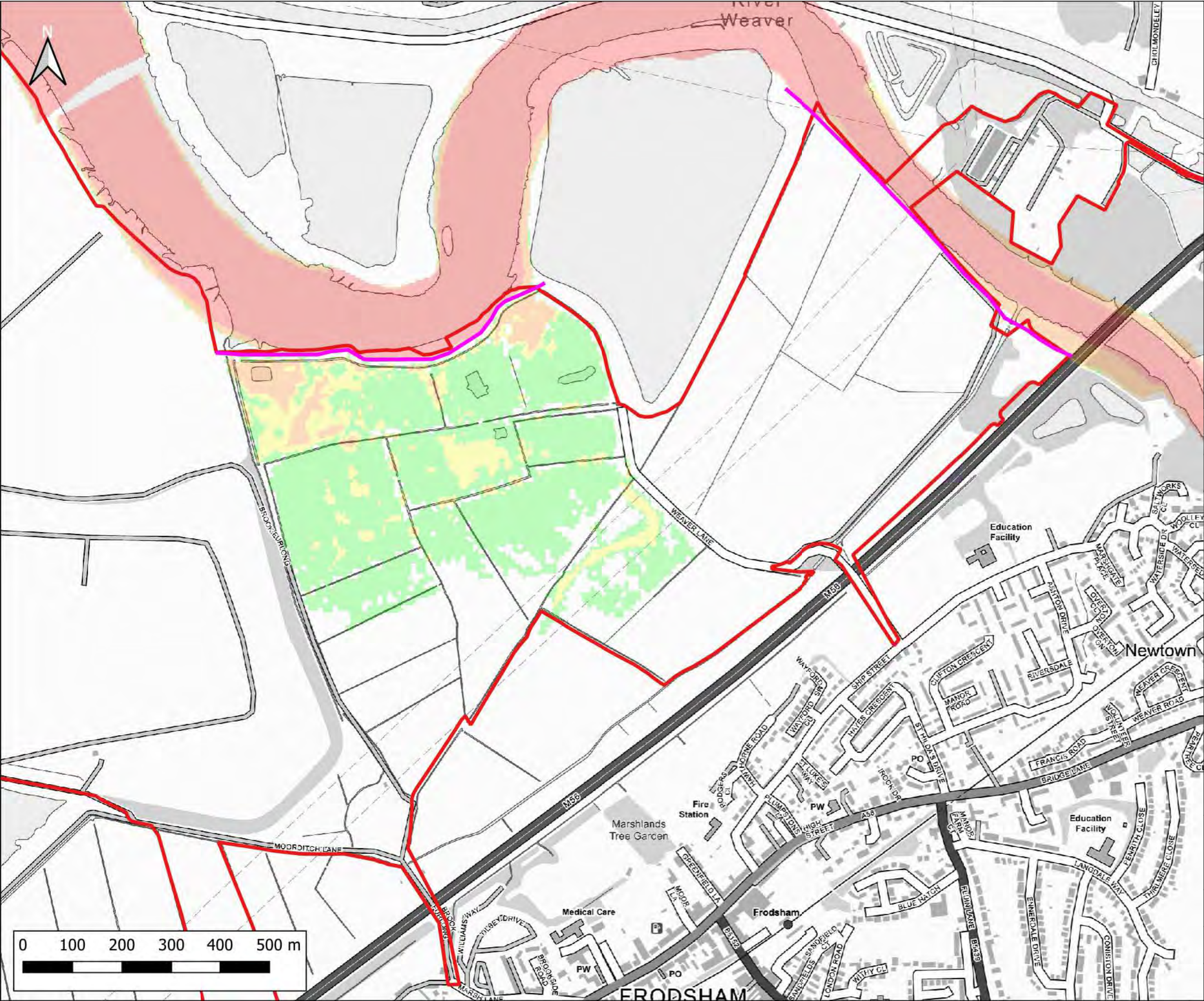
River Mersey Maximum Flood Velocity  
0.1% AEP Tidal Event  
2024 Higher Central  
Breach 1 Proposed Development Scenario (DEV)

PLOT STATUS:		DATE:	
FINAL		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_V_Max	-





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

**LEGEND**

- Site Boundary
- River Weaver Flood Defences

Maximum Flood Hazard Rating (FD2321)

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

CLIENT:

Frodsham Solar Ltd

www.waterco.co.uk

SCHEME:

Frodsham Solar

PLOT TITLE:

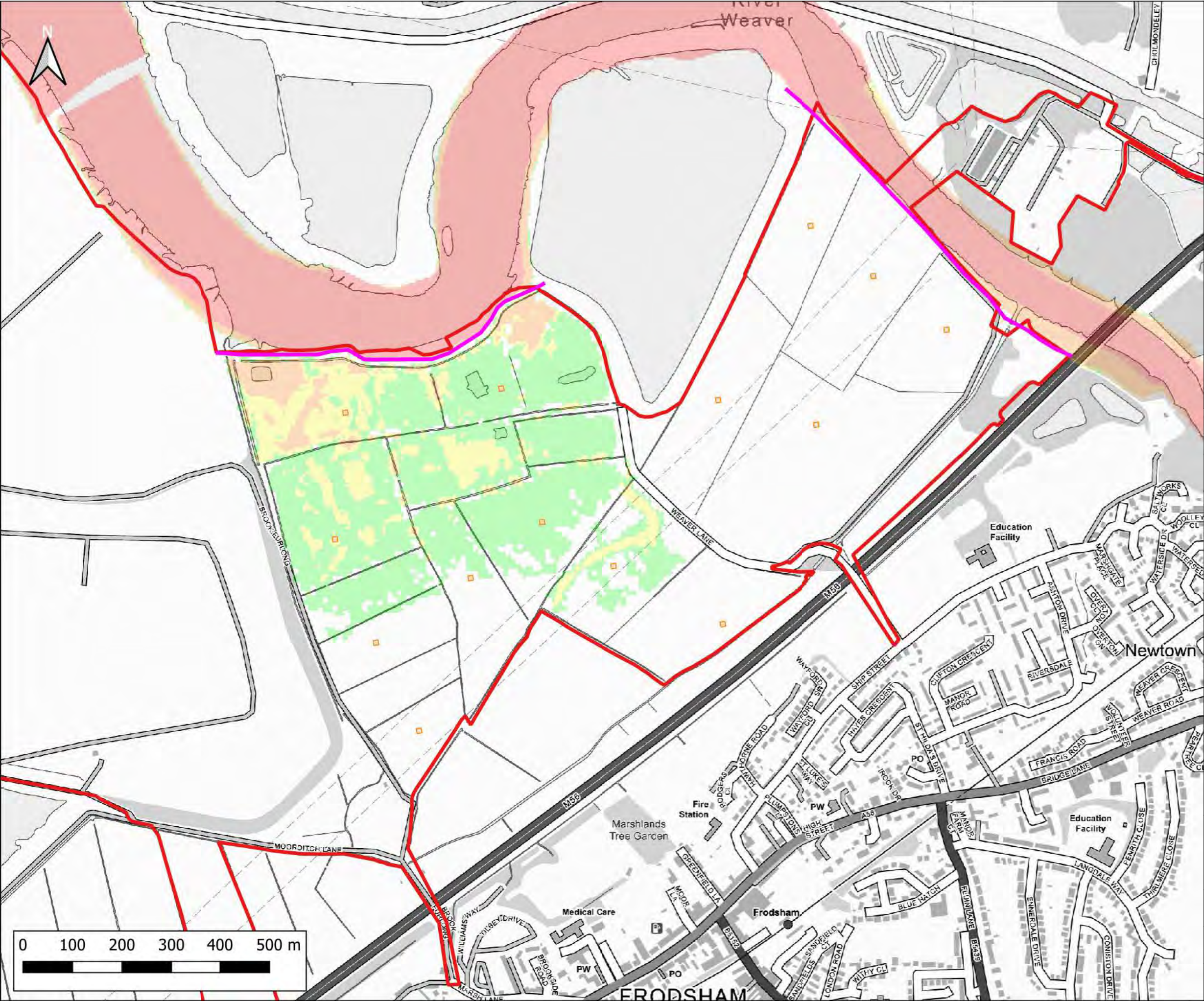
River Mersey Maximum Flood Hazard Rating  
0.5% AEP Tidal Event  
2024 Higher Central  
Defended Existing Scenario (EXG)

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_2024HC_EXG_DEF_020_ZUK0_Max	-





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

**LEGEND**

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

Maximum Flood Hazard Rating (FD2321)

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

Weston

3


12

East

FRODSHAM

CLIENT:

Frodsham Solar Ltd

  
www.waterco.co.uk

SCHEME:

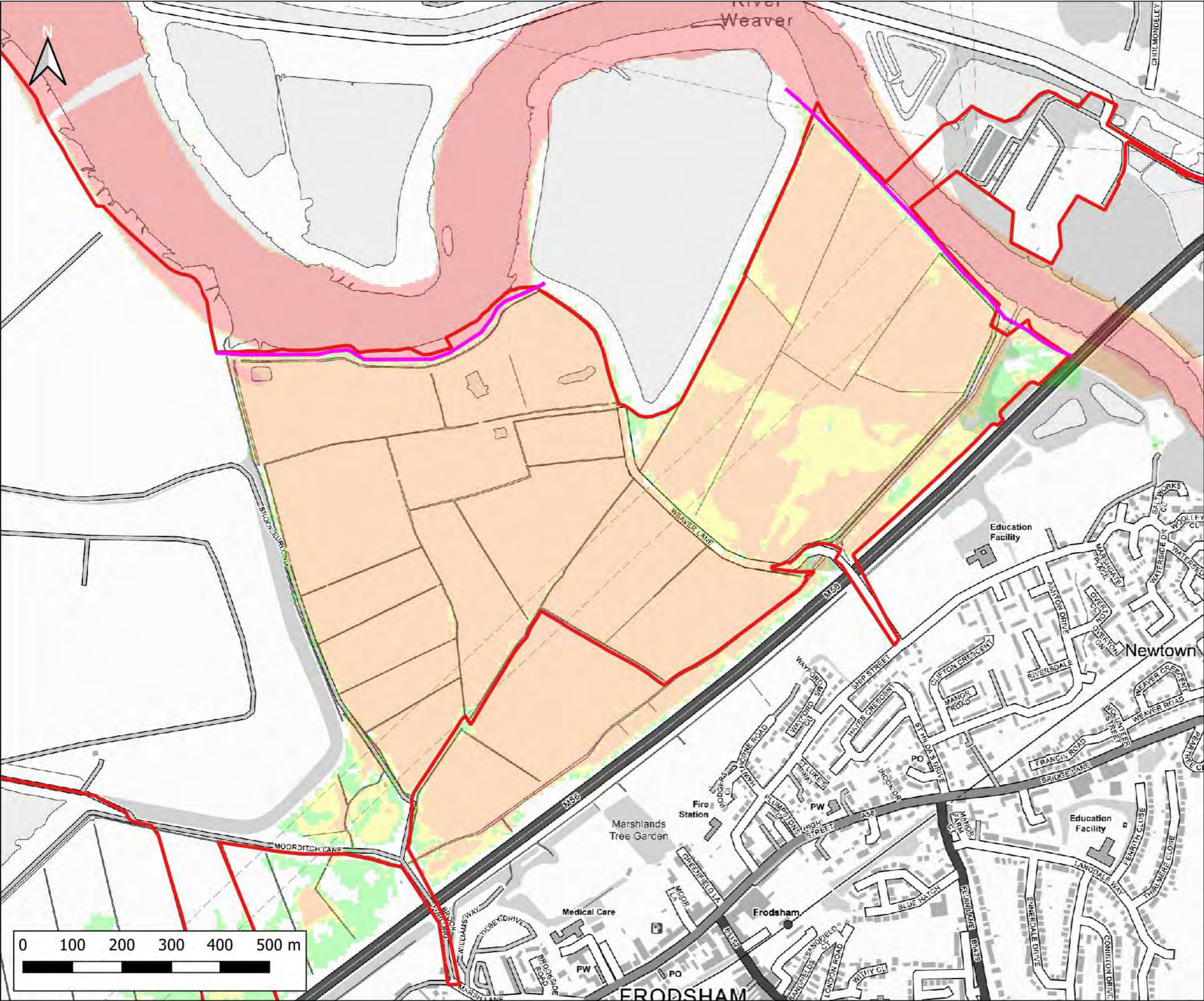
Frodsham Solar

PLOT TITLE:

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

PLOT STATUS:		FINAL	DATE:	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

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:

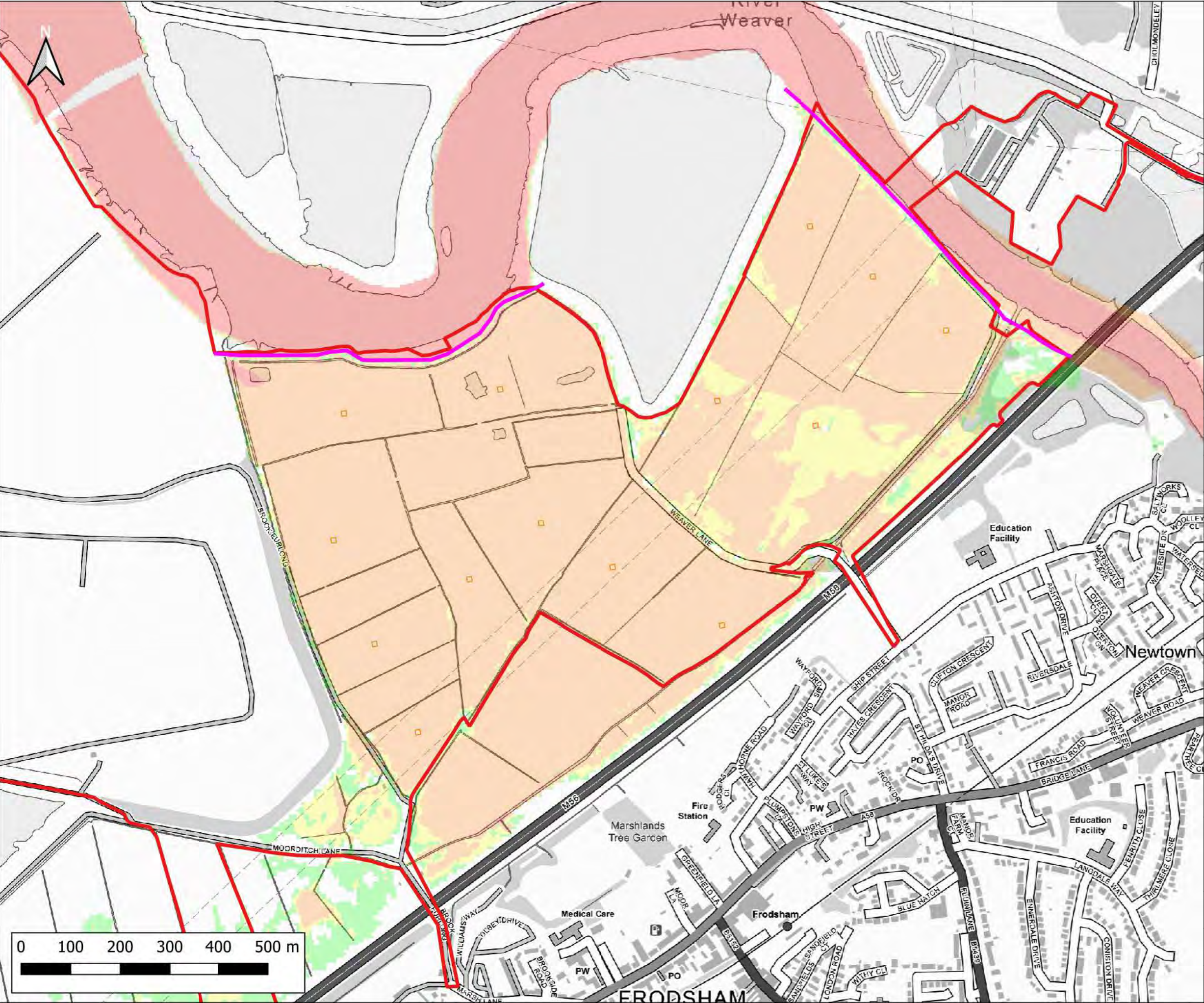
River Mersey Maximum Flood Hazard Rating  
0.5% AEP Tidal Event  
2075 Higher Central  
Defended Existing Scenario (EXG)

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_2075HC_EXG_DEF_020_ZUK0_Max	-





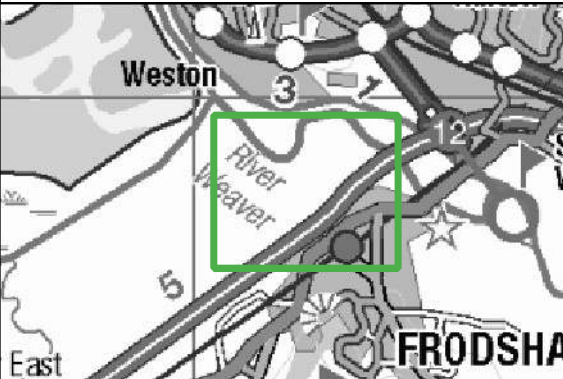
Notes:  
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

**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



Frodsham Solar Ltd



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: FINAL DATE: 30-04-2025

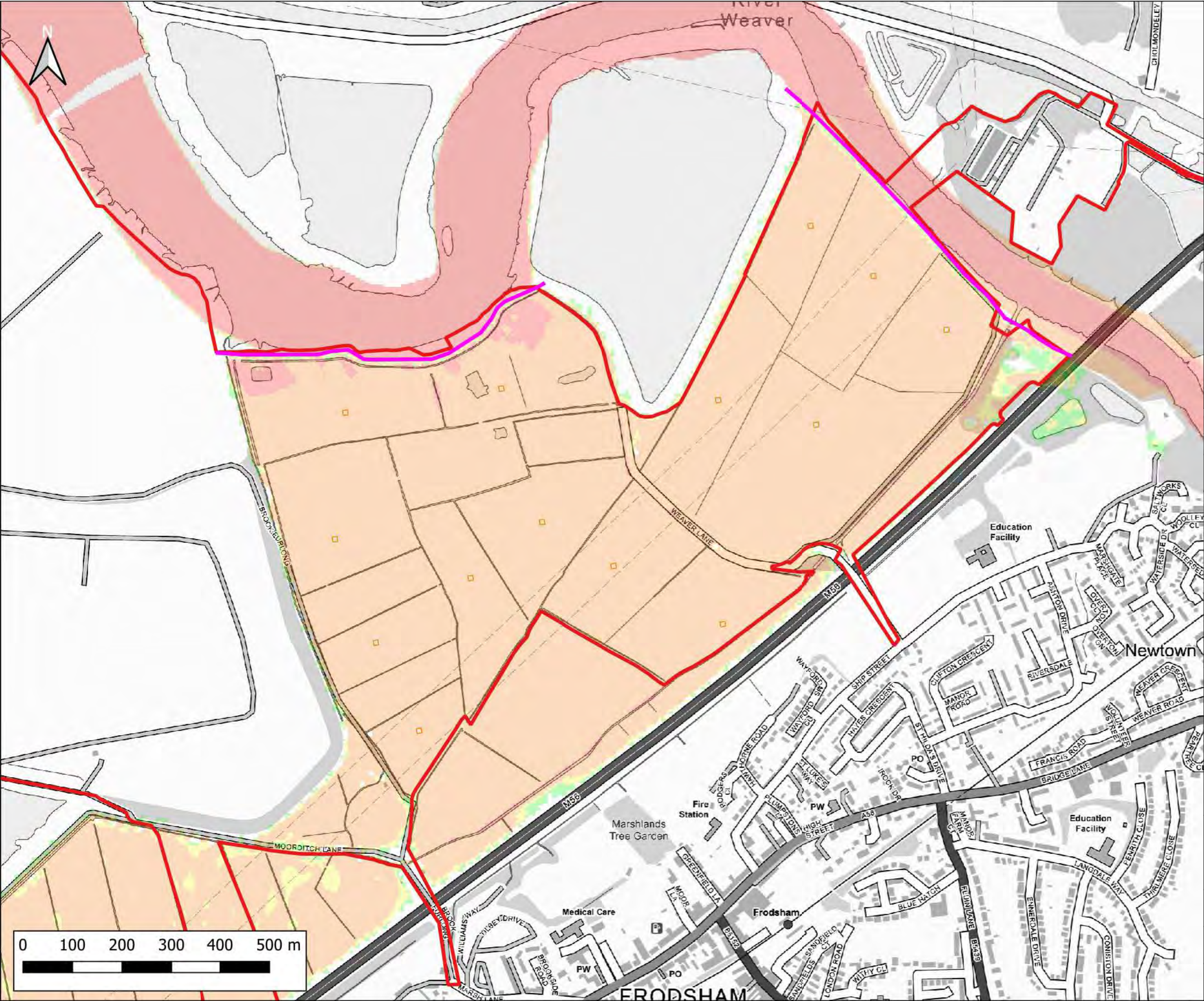
DRAWN: MH CHECKED: AP APPROVED: LS PLOT SCALE AT A3: 1:7500

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









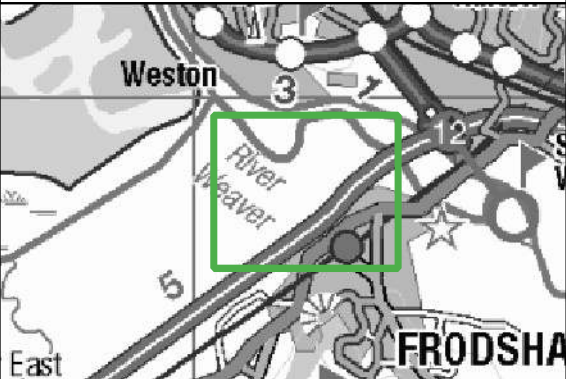
Notes:  
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

**LEGEND**

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

Maximum Flood Hazard Rating (FD2321)

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



Frodsham Solar Ltd



Frodsham Solar

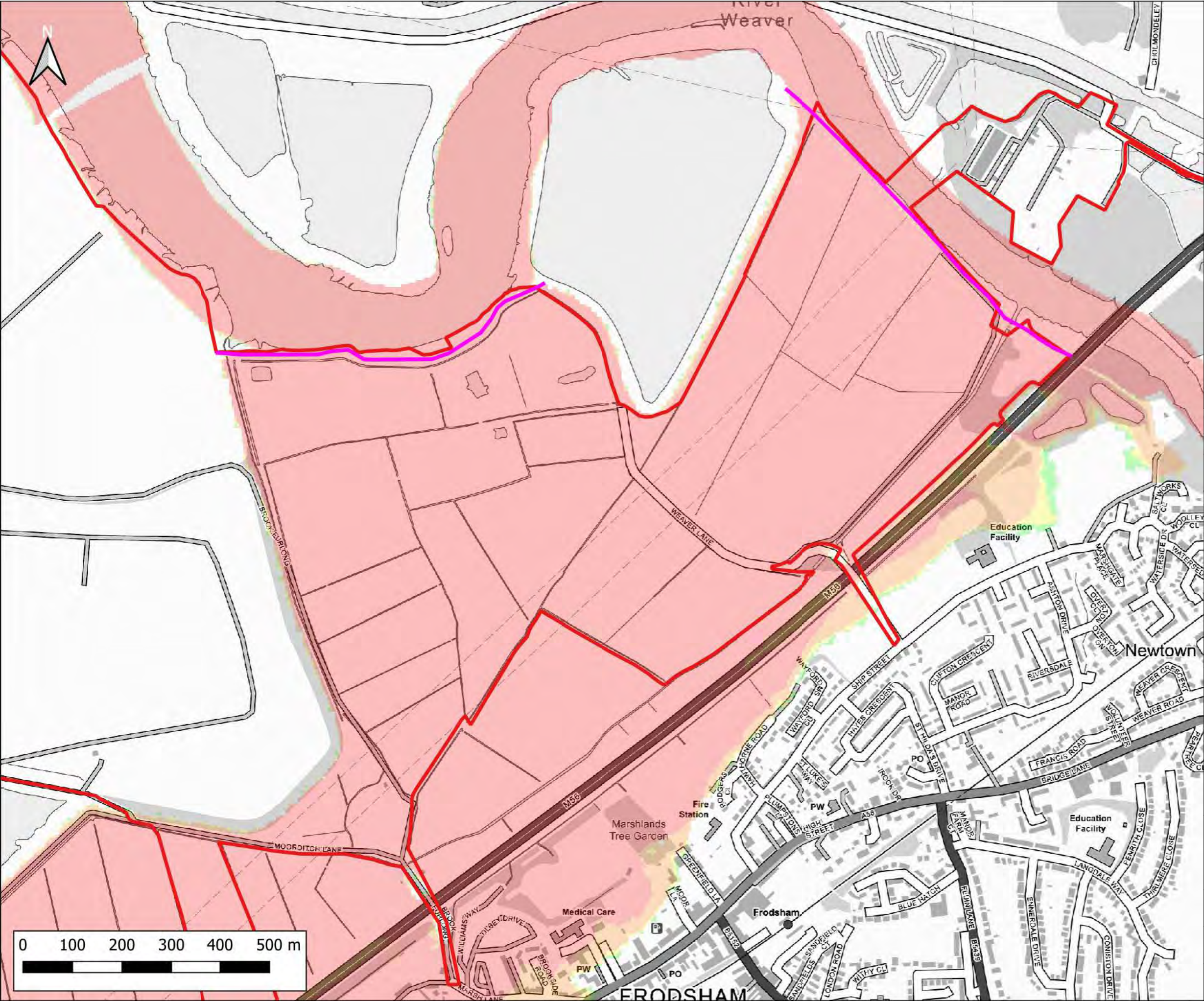
PLOT TITLE:  
River Mersey Maximum Flood Hazard Rating  
0.5% AEP Tidal Event  
2075 Upper End  
Defended Proposed Development Scenario (DEV)

PLOT STATUS: FINAL DATE: 30-04-2025

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

PLOT NAME: 14740\_MERS\_T200HC\_2075UE\_DEV2\_DEF\_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:

Frodsham Solar Ltd

www.waterco.co.uk

SCHEME:

Frodsham Solar

PLOT TITLE:

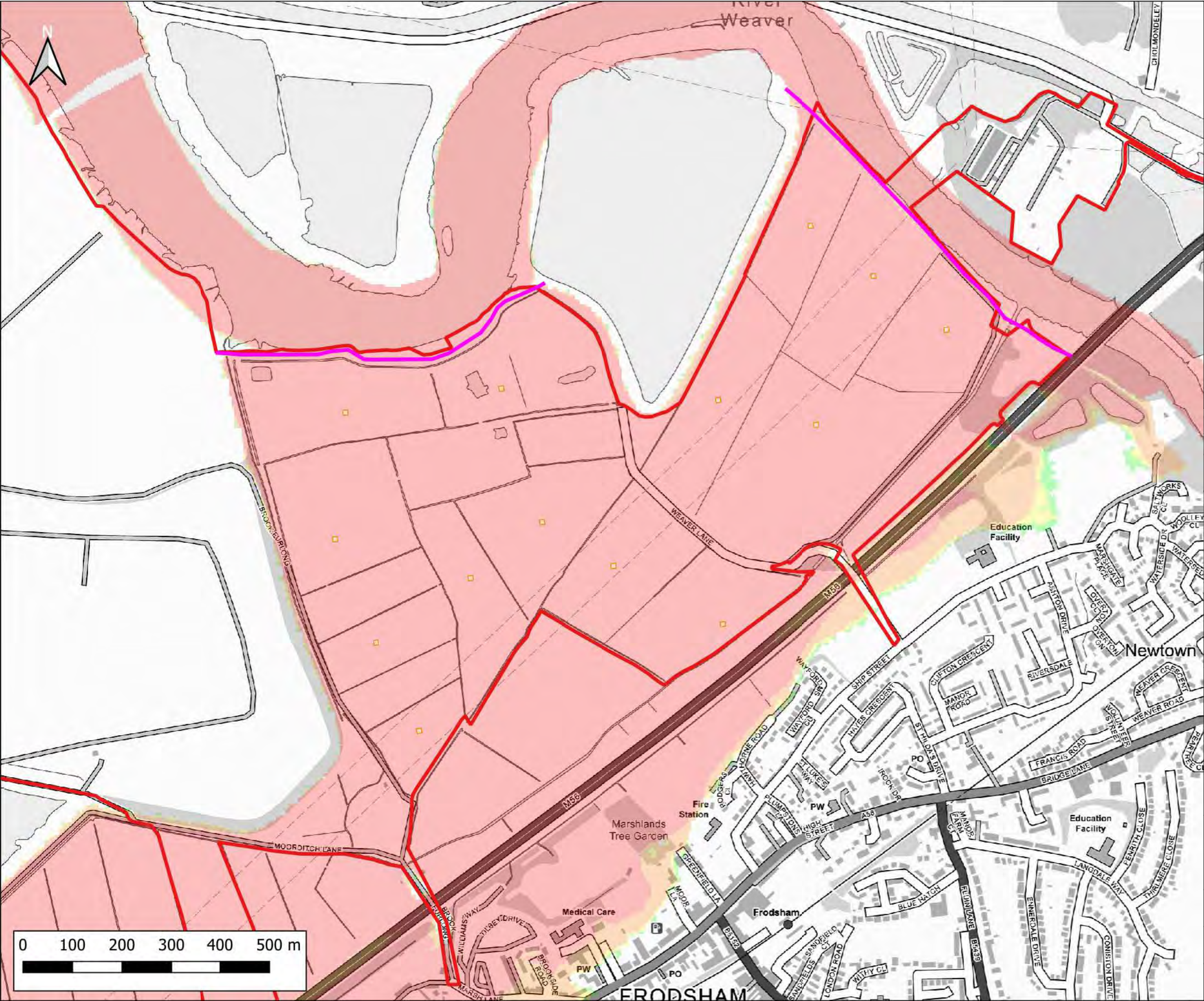
River Mersey Maximum Flood Hazard Rating  
0.5% AEP Tidal Event  
H++  
Defended Existing Scenario (EXG)

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	-





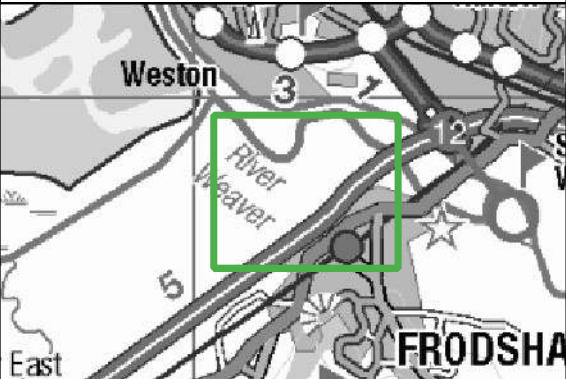
Notes:  
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

**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



Frodsham Solar Ltd



Frodsham Solar

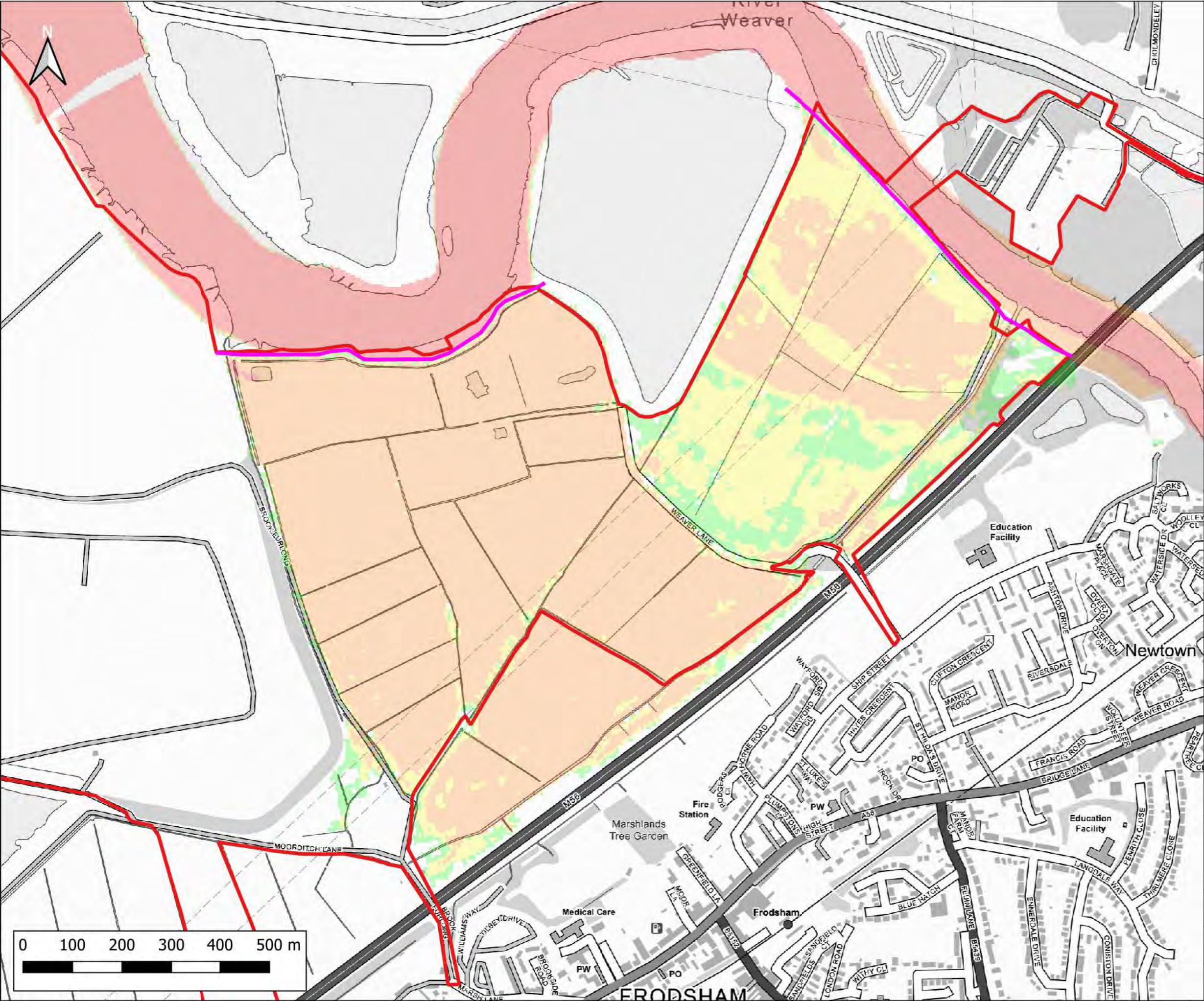
PLOT TITLE:  
River Mersey Maximum Flood Hazard Rating  
0.5% AEP Tidal Event  
H++  
Defended Proposed Development Scenario (DEV)

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\_ZUK0\_Max REVISION: -





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

**LEGEND**

- Site Boundary
- River Weaver Flood Defences

Maximum Flood Hazard Rating (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:		FINAL		DATE:	30-04-2025
--------------	--	-------	--	-------	------------

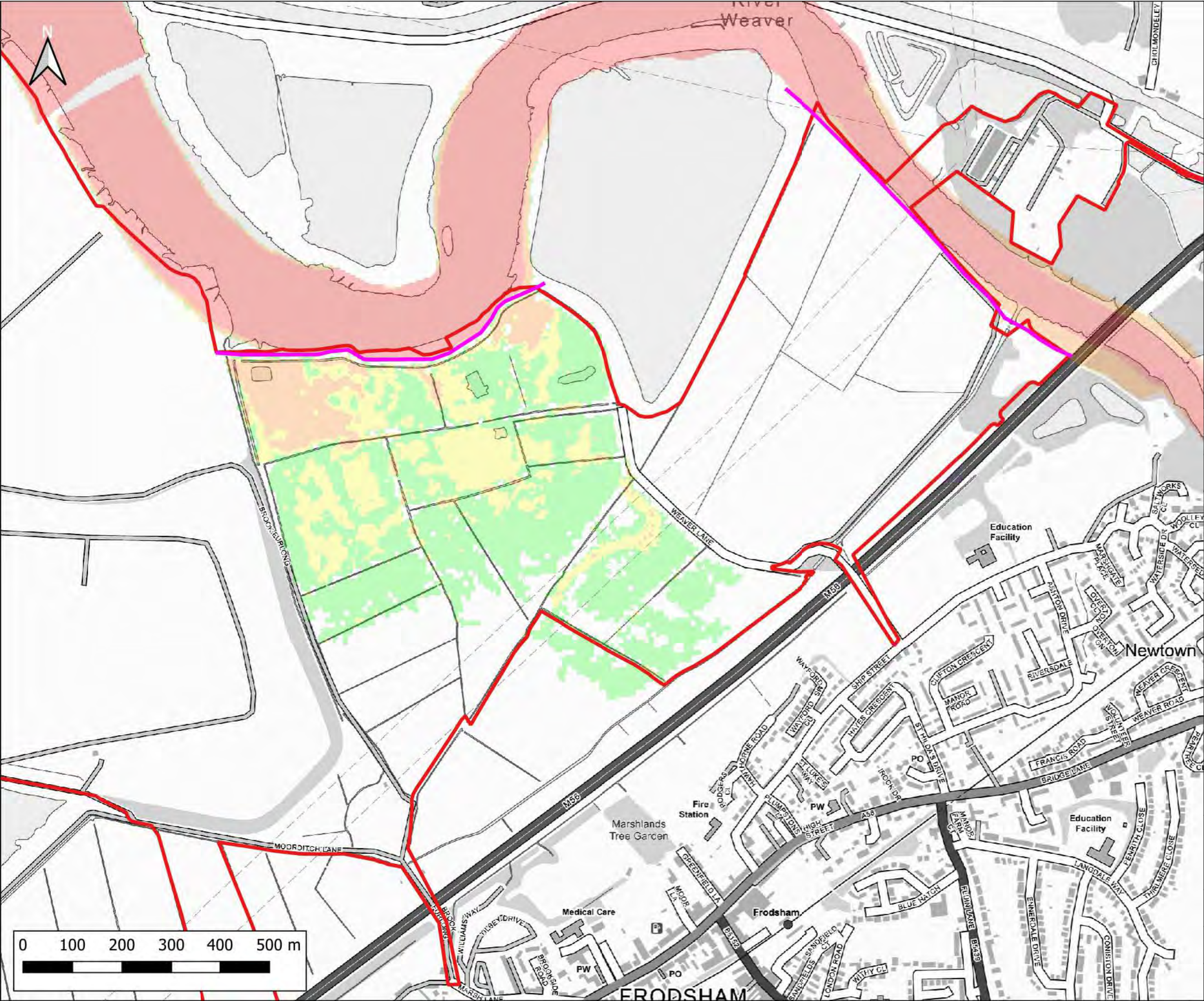
DRAWN:	CHECKED:	APPROVED:	PLOT SCALE AT A3:
MH	AP	LS	1:7500

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

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:

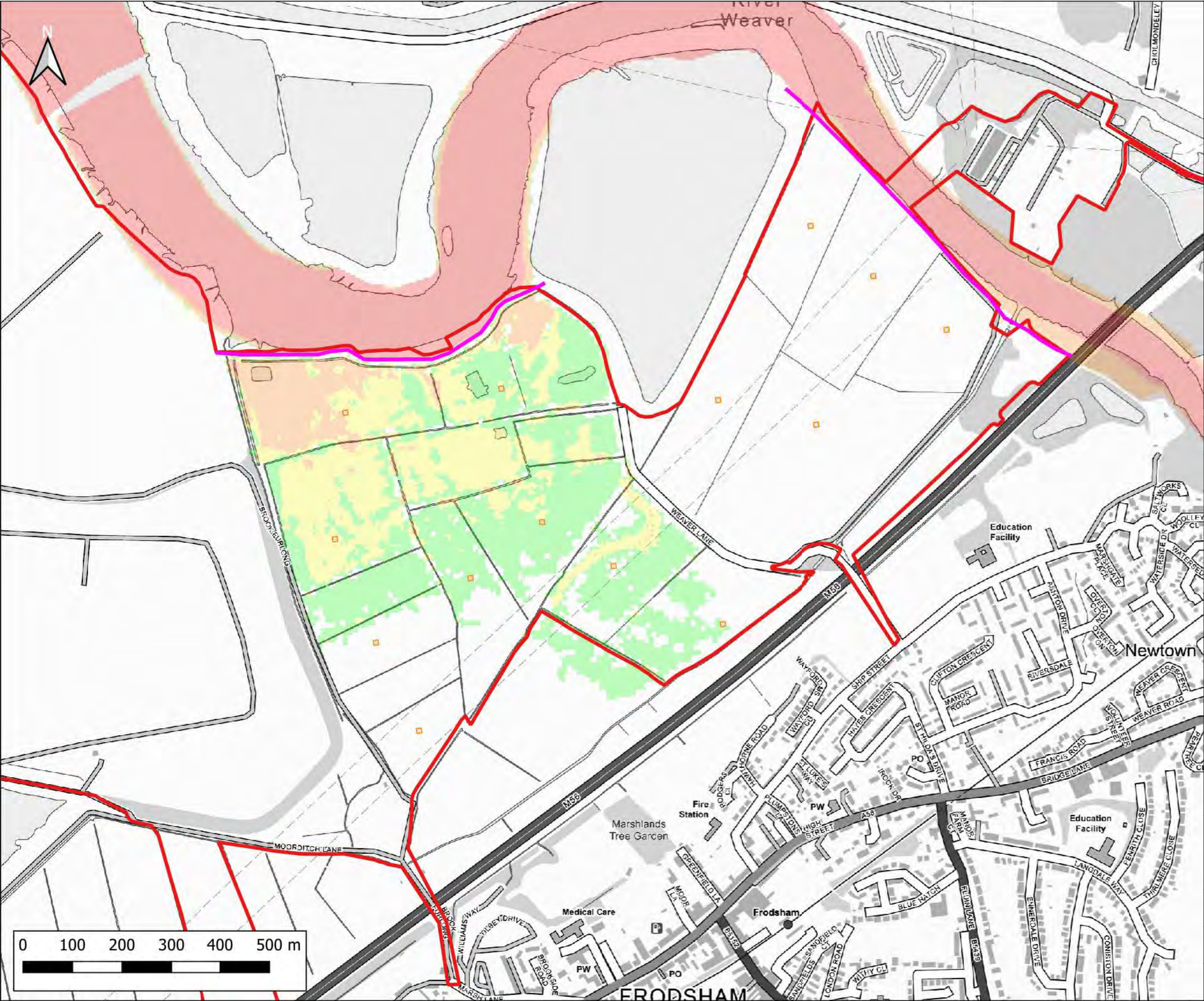
River Mersey Maximum Flood Hazard Rating  
0.5% AEP Tidal Event  
2024 Higher Central  
Breach 1 Existing Scenario (EXG)

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_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  
2024 Higher Central  
Breach 1 Proposed Development Scenario (DEV)

PLOT STATUS:		DATE:	
FINAL		30-04-2025	

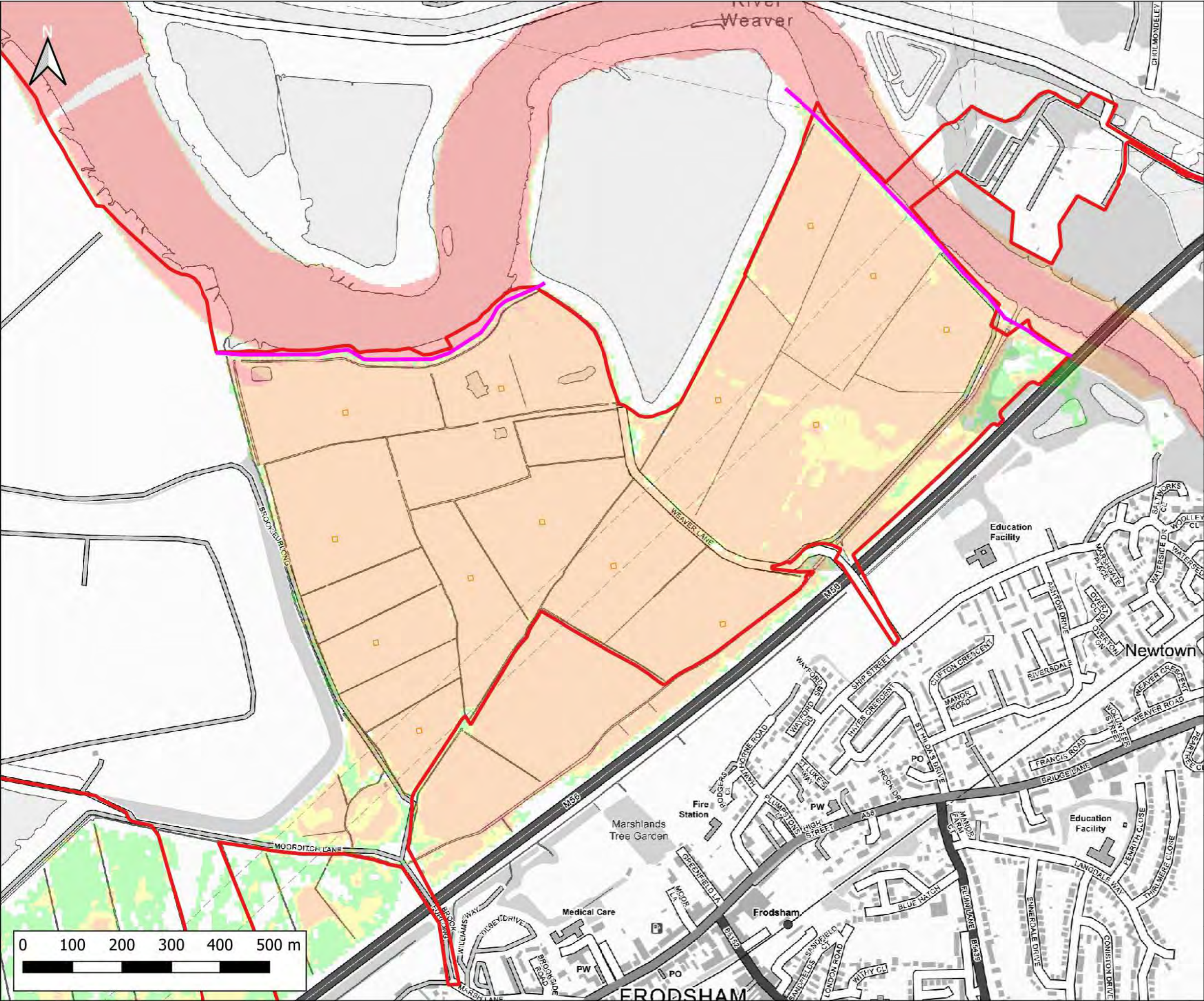
DRAWN:	CHECKED:	APPROVED:	PLOT SCALE AT A3:
MH	AP	LS	1:7500

PLOT NAME:	REVISION:
14740_MERS_T200HC_2024HC_DEV2_BR1_020_ZUKO_Max	-









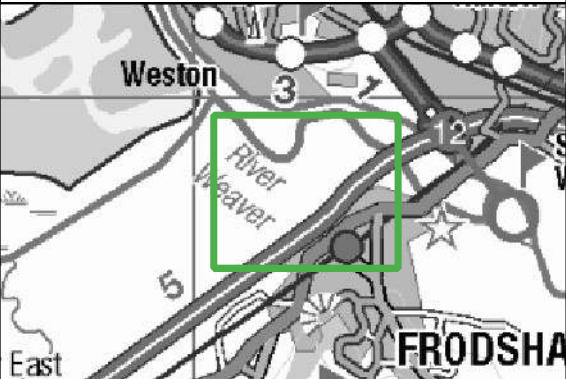
Notes:  
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

**LEGEND**

- Site Boundary
- River Weaver Flood Defences
- 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

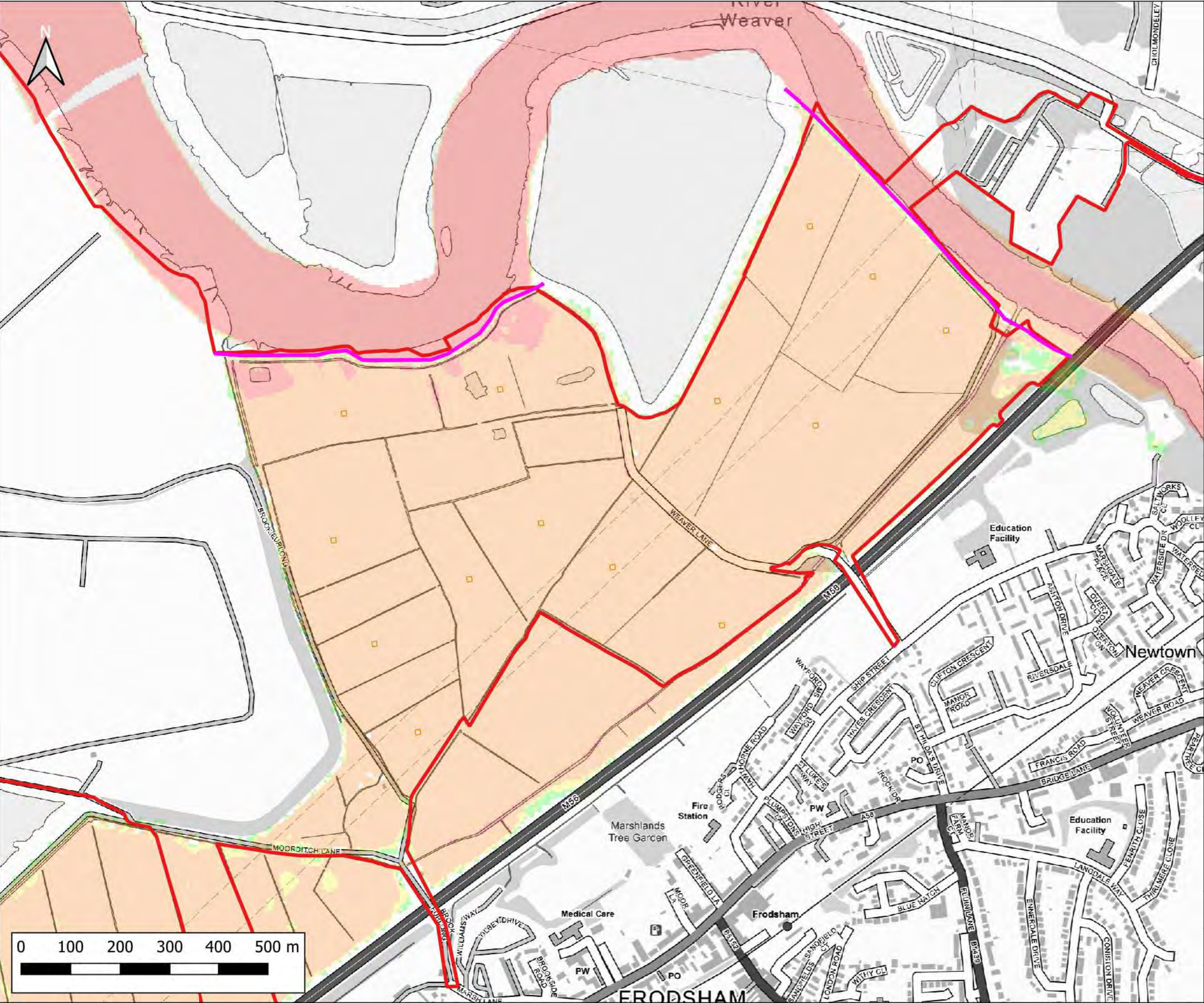
DRAWN: MH CHECKED: AP APPROVED: LS PLOT SCALE AT A3: 1:7500

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









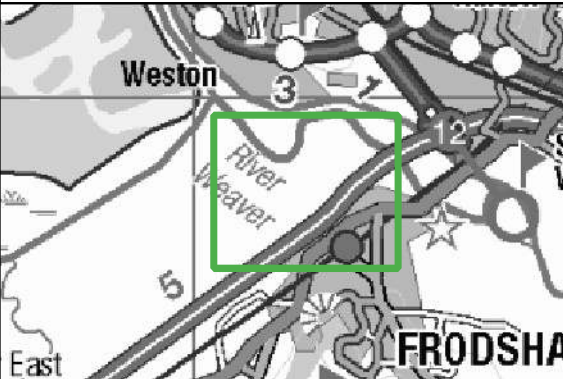
Notes:  
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

**LEGEND**

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

Maximum Flood Hazard Rating (FD2321)

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



Frodsham Solar Ltd



Frodsham Solar

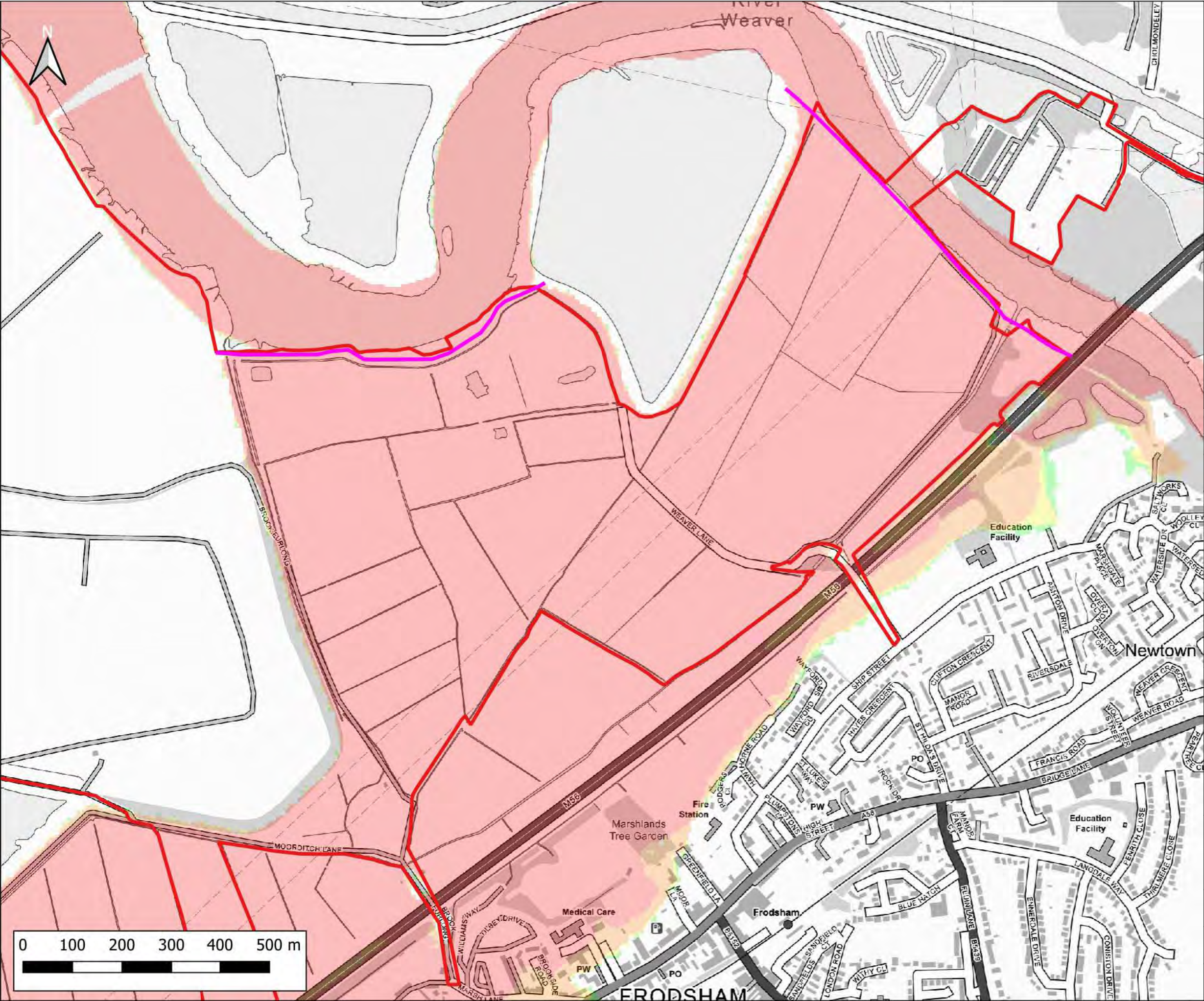
PLOT TITLE:  
River Mersey Maximum Flood Hazard Rating  
0.5% AEP Tidal Event  
2075 Upper End  
Breach 1 Proposed Development Scenario (DEV)

PLOT STATUS: FINAL DATE: 30-04-2025

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

PLOT NAME: 14740\_MERS\_T200HC\_2075UE\_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:

Frodsham Solar Ltd

www.waterco.co.uk

SCHEME:

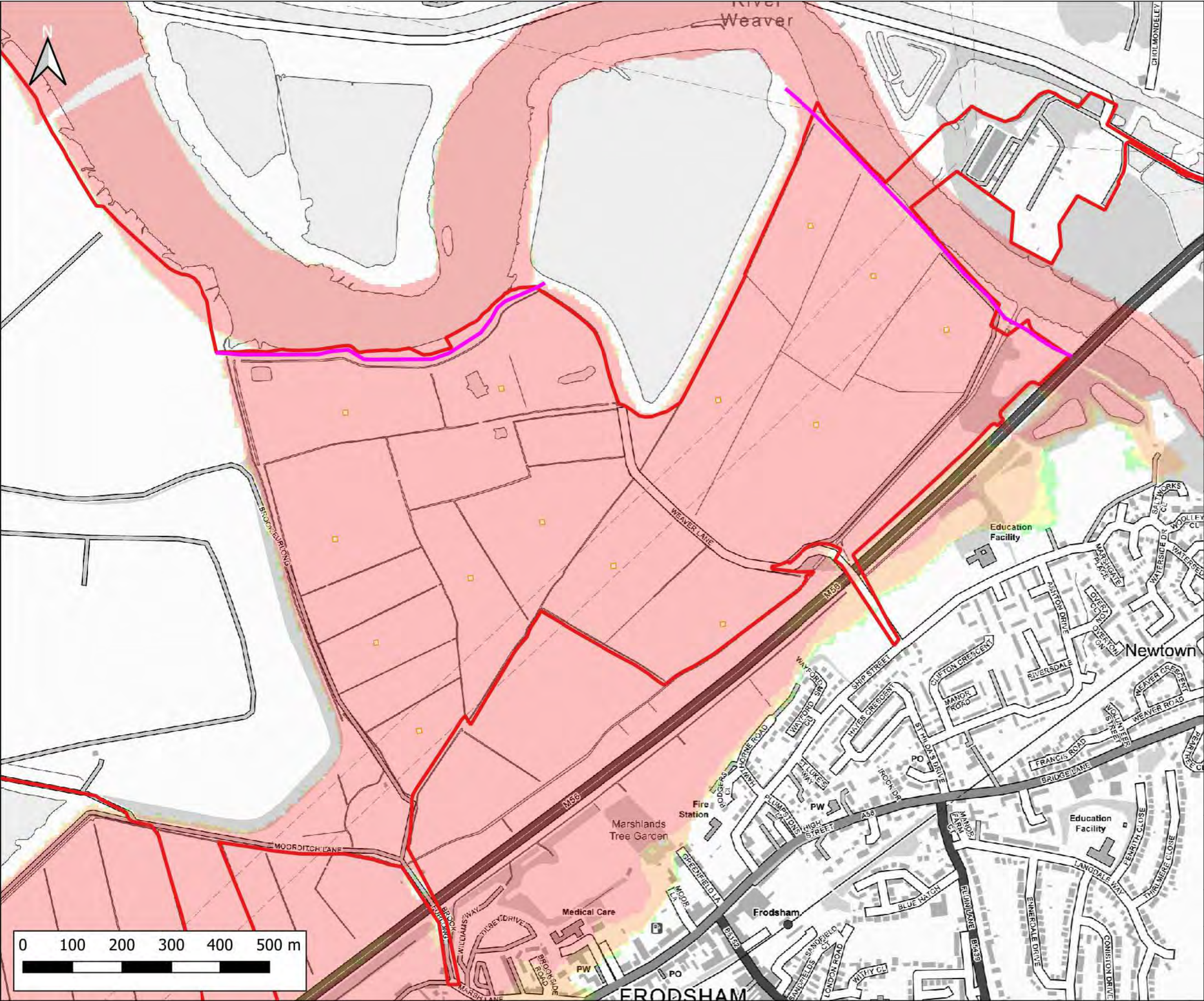
Frodsham Solar

PLOT TITLE:

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

PLOT STATUS:		FINAL		DATE:	30-04-2025
DRAWN:	CHKD:	APPROVED:	PLOT SCALE AT A3:		
MH	AP	LS	1:7500		
PLOT NAME:					REVISION:
14740_MERS_T200HC_2100H++_EXG_BR1_020_ZUK0_Max					-





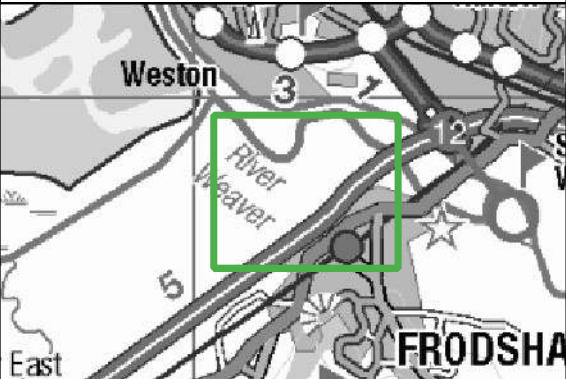
Notes:  
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

**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



Frodsham Solar Ltd



Frodsham Solar

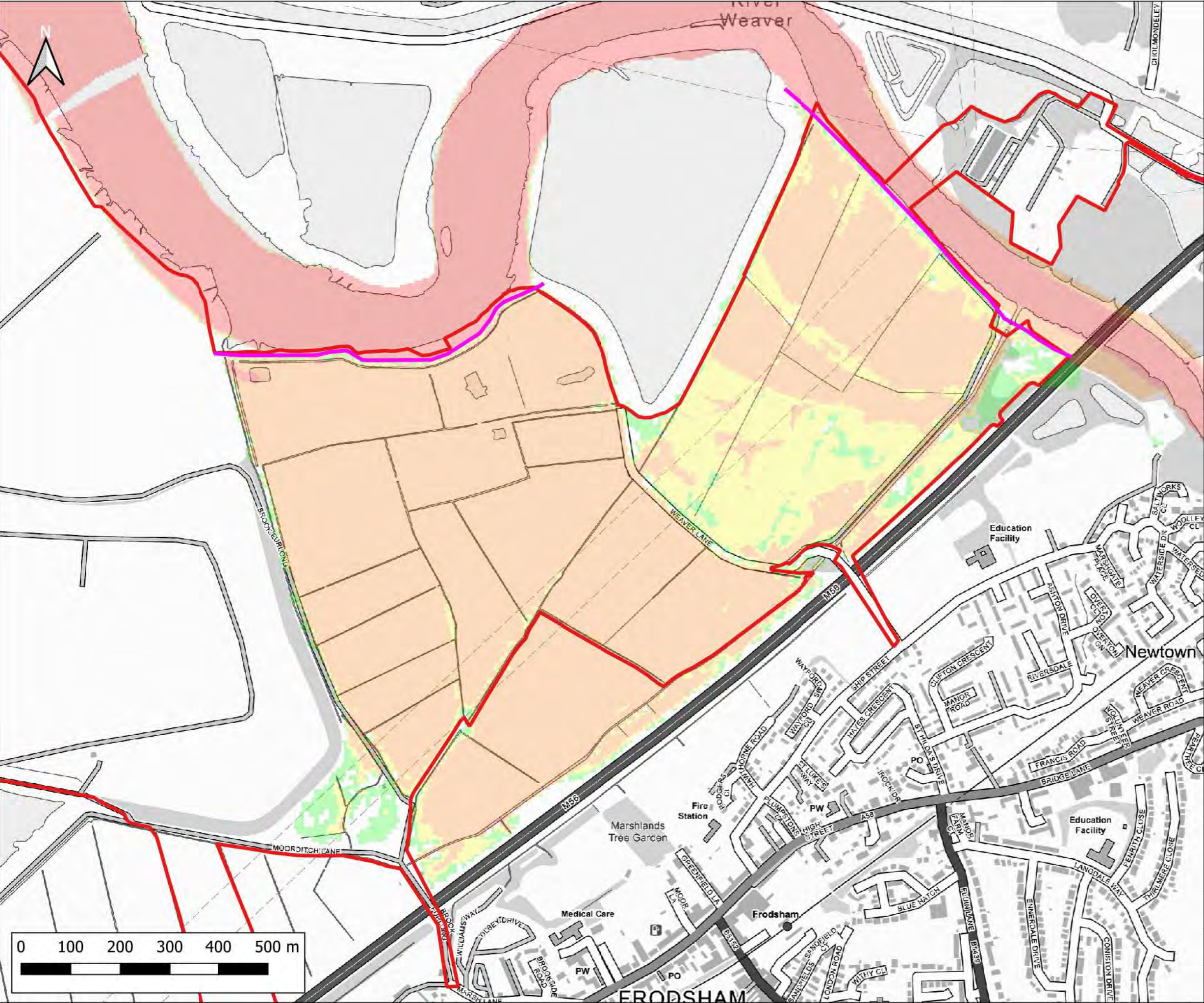
PLOT TITLE:  
River Mersey Maximum Flood Hazard Rating  
0.5% AEP Tidal Event  
H++  
Breach 1 Proposed Development Scenario (DEV)

PLOT STATUS: FINAL DATE: 30-04-2025

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

PLOT NAME: 14740\_MERS\_T200HC\_2100H++\_DEV2\_BR1\_020\_ZUK0\_Max REVISION: -





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

**LEGEND**

Site Boundary

River Weaver Flood Defences

Maximum Flood Hazard Rating (FD2321)

Caution

Danger for Some

Danger for Most

Danger for All

CLIENT:

Frodsham Solar Ltd

www.waterco.co.uk

SCHEME:

Frodsham Solar

PLOT TITLE:

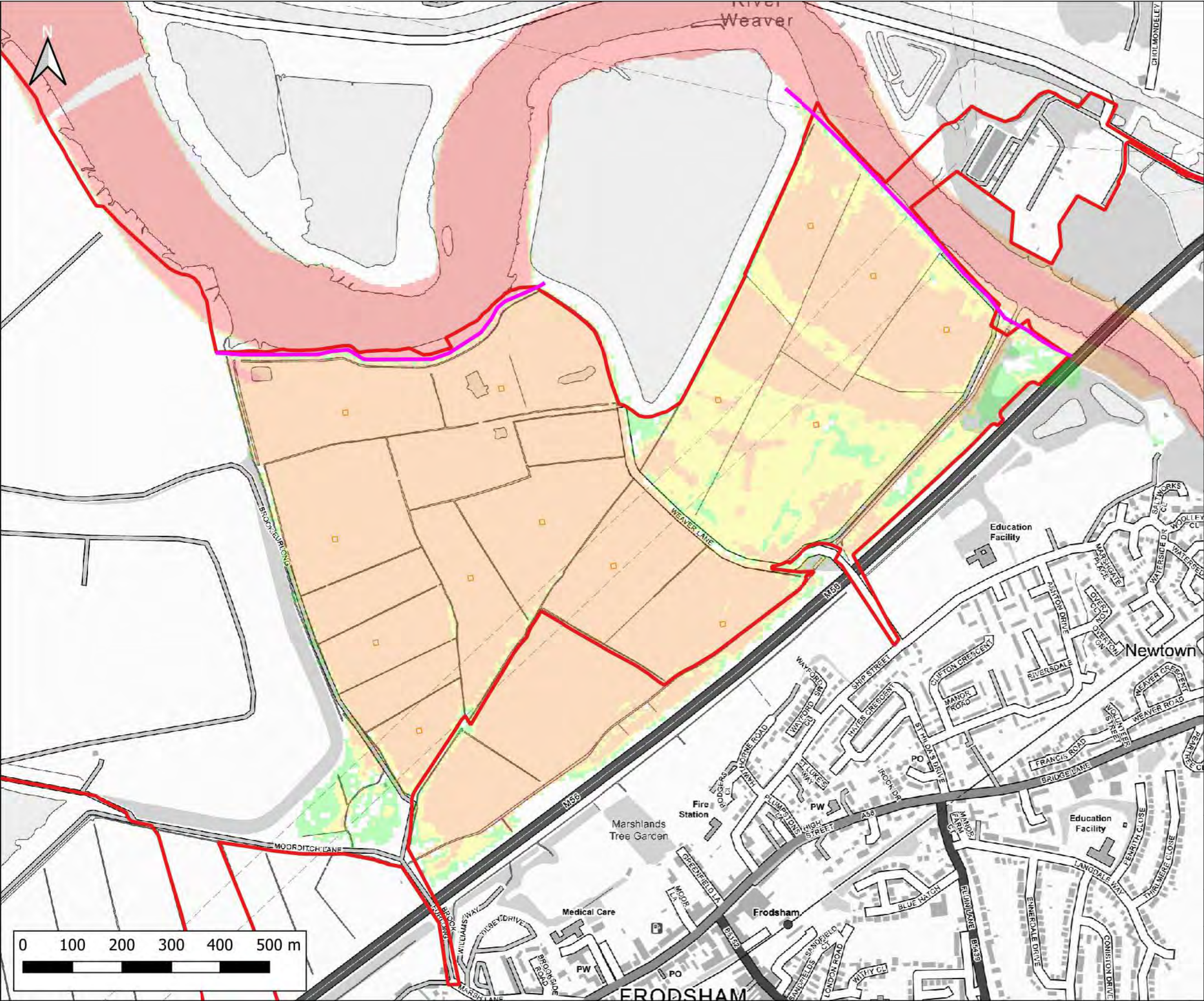
River Mersey Maximum Flood Hazard Rating  
0.1% AEP Tidal Event  
2024 Higher Central  
Breach 1 Existing Scenario (EXG)

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_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:

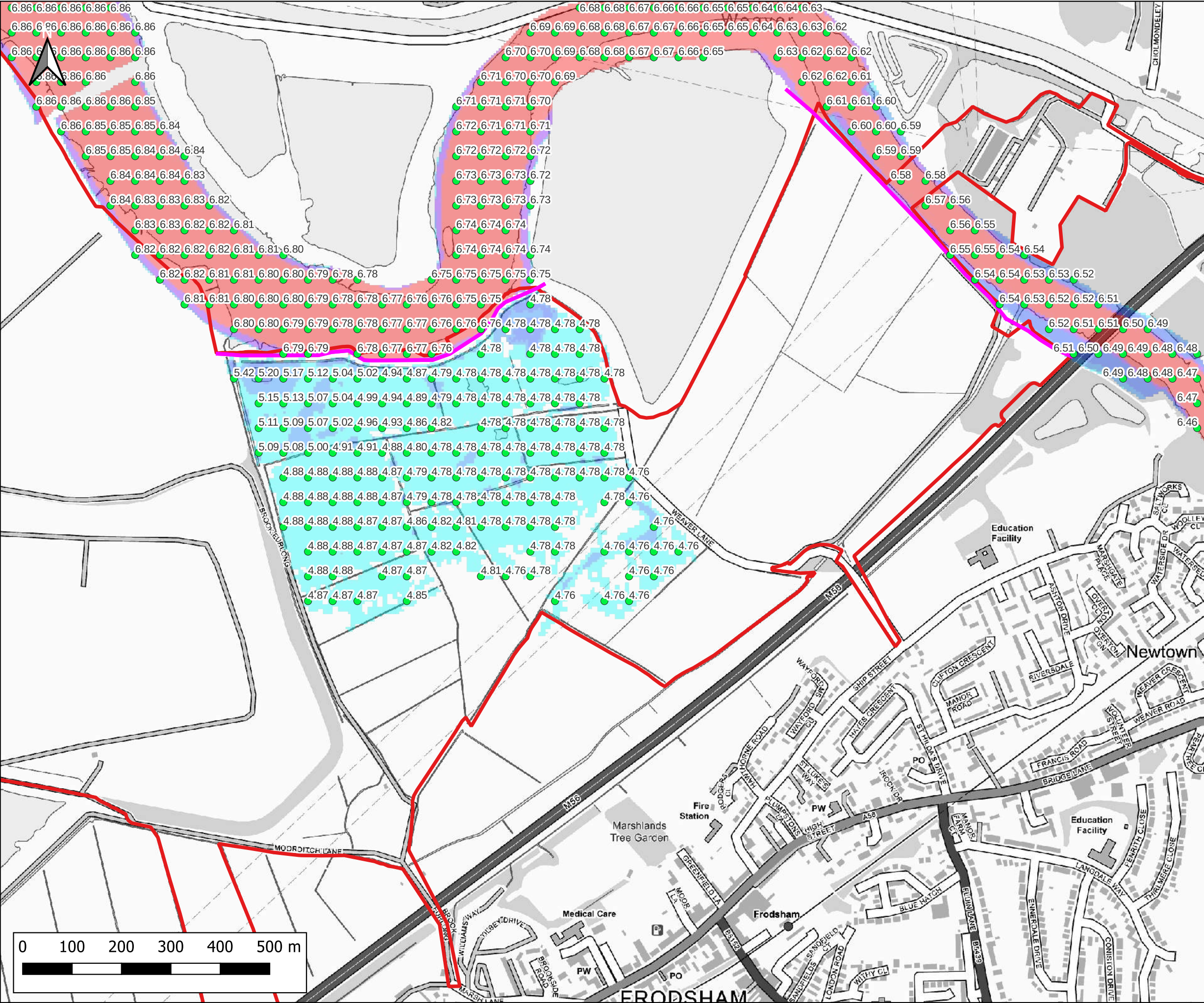
River Mersey Maximum Flood Hazard Rating  
0.1% AEP Tidal Event  
2024 Higher Central  
Breach 1 Proposed Development Scenario (DEV)

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_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 Water Level (m AOD)

Maximum Flood Depth

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

CLIENT:

Frodsham Solar Ltd

www.waterco.co.uk

SCHEME:

Frodsham Solar

PLOT TITLE:

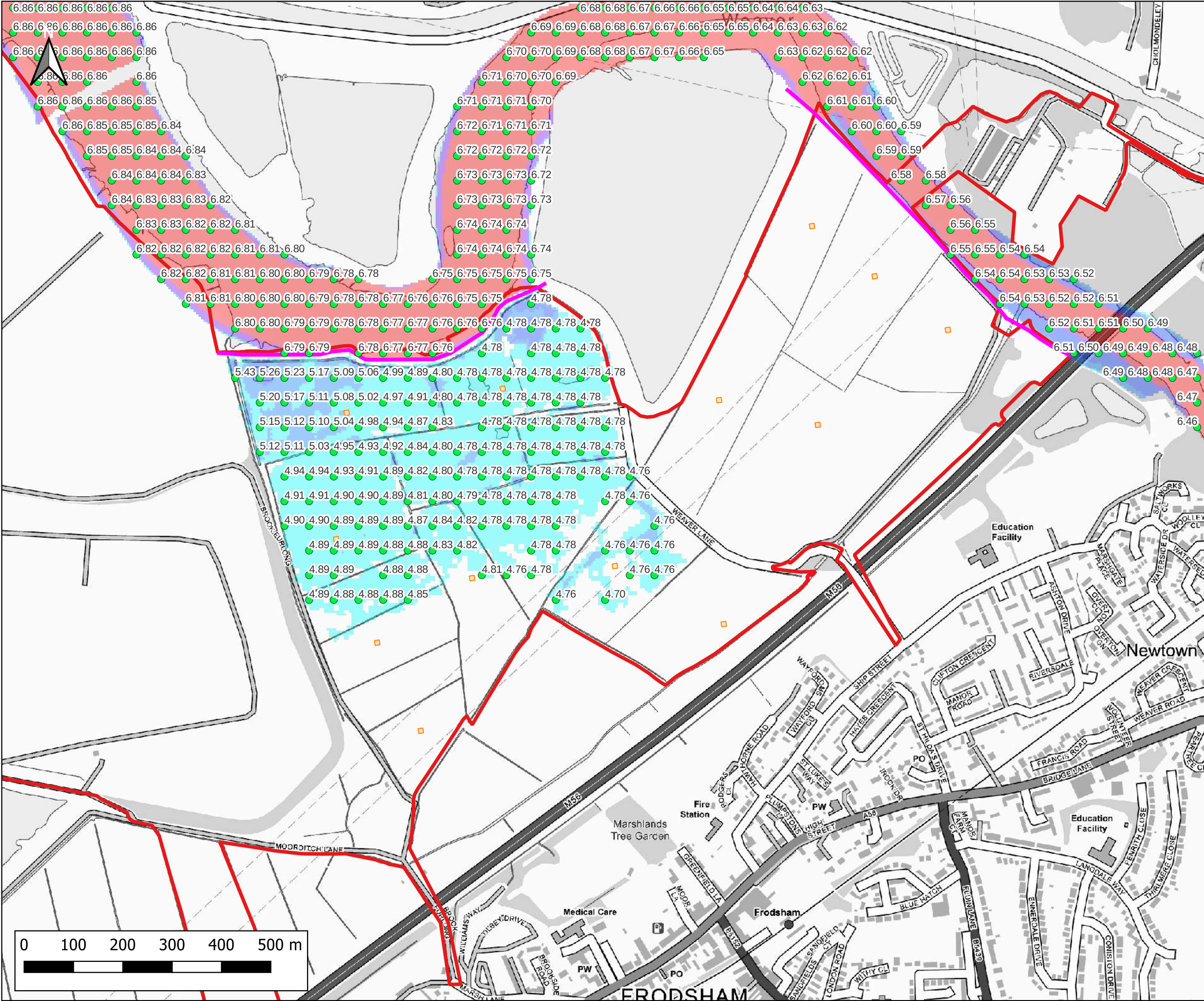
River Mersey Maximum Flood Water Level  
0.5% AEP Tidal Event  
2024 Higher Central  
Defended Existing Scenario (EXG)

PLOT STATUS:			DATE:
FINAL			30-04-2025

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

PLOT NAME:	REVISION:
14740_MERS_T200HC_2024HC_EXG_DEF_020_h_Max	-





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

**LEGEND**

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

Maximum Flood Depth

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

CLIENT:

Frodsham Solar Ltd

www.waterco.co.uk

SCHEME:

Frodsham Solar

PLOT TITLE:

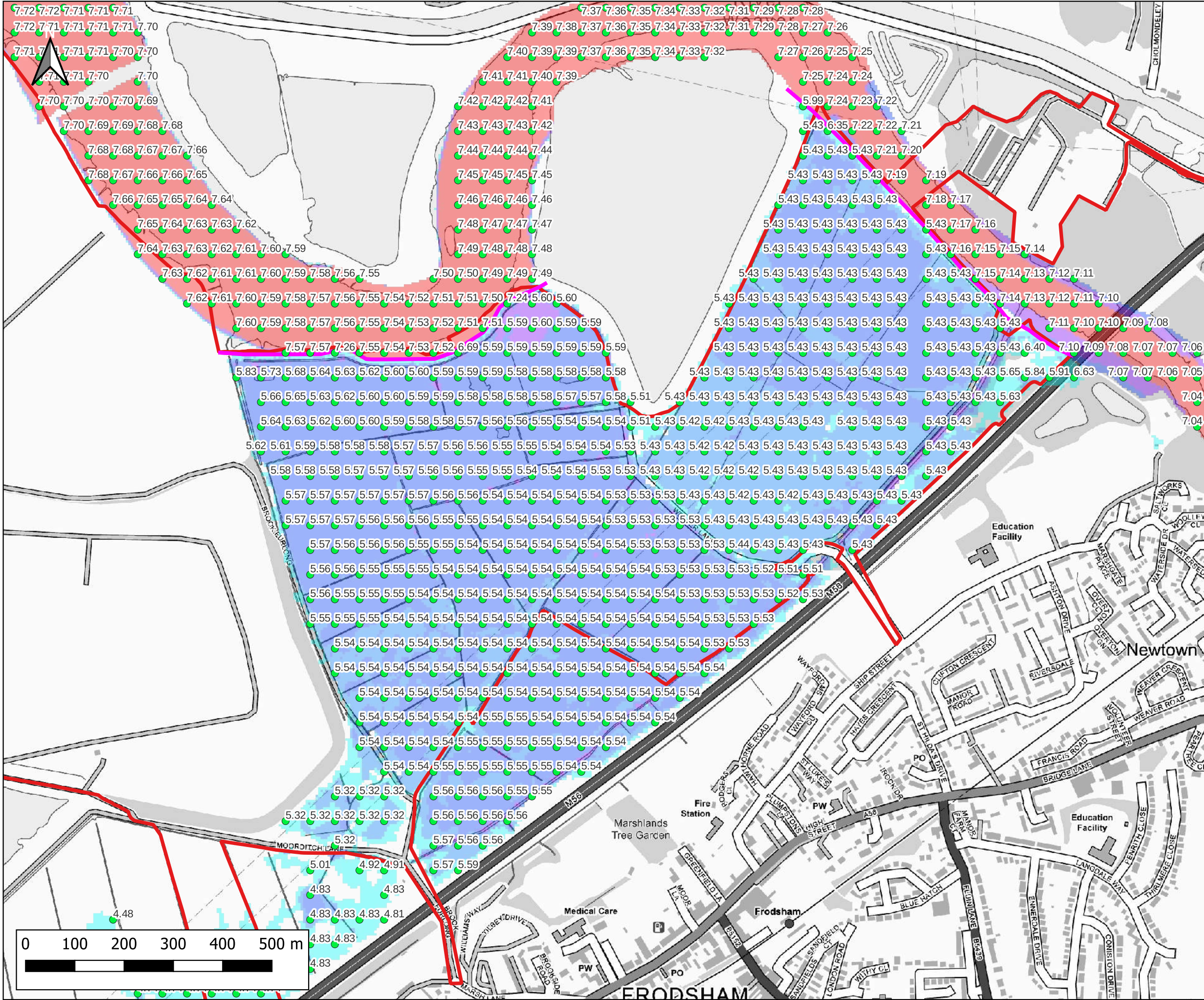
River Mersey Maximum Flood Water Level  
0.5% AEP Tidal Event  
2024 Higher Central  
Defended Proposed Development Scenario (DEV)

PLOT STATUS:		DATE:	
FINAL		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_h_Max	-





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

**LEGEND**

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

Maximum Flood Depth

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

CLIENT:

Frodsham Solar Ltd

www.waterco.co.uk

SCHEME:

Frodsham Solar

PLOT TITLE:

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

PLOT STATUS:			DATE:
FINAL			30-04-2025

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

PLOT NAME:	REVISION:
14740_MERS_T200HC_2075HC_EXG_DEF_020_h_Max	-





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

**LEGEND**

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

Maximum Flood Depth

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

CLIENT:

Frodsham Solar Ltd

www.waterco.co.uk

SCHEME:

Frodsham Solar

PLOT TITLE:

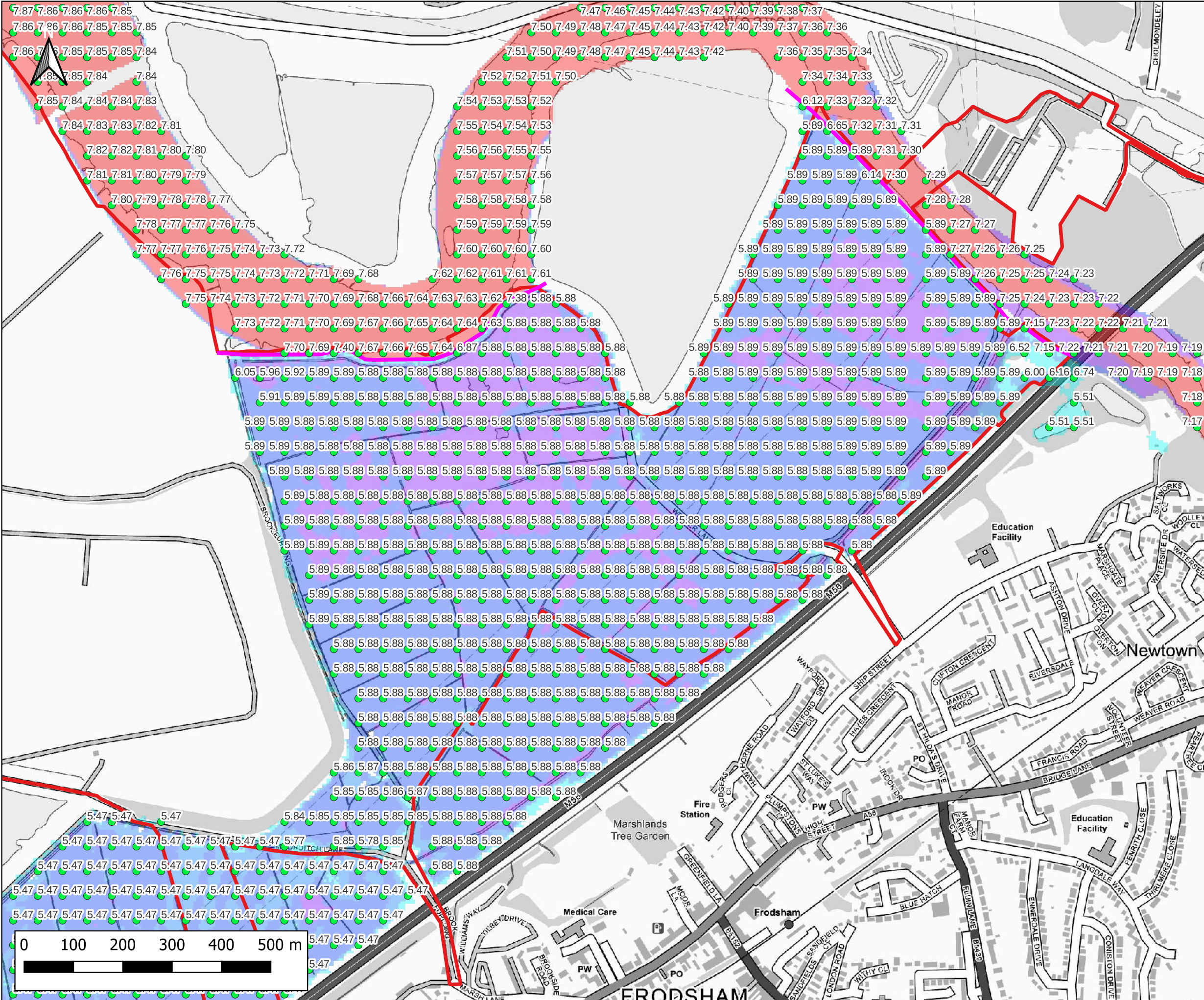
River Mersey Maximum Flood Water Level  
0.5% AEP Tidal Event  
2075 Higher Central  
Defended Proposed Development Scenario (DEV)

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_h_Max	-





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

**LEGEND**

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

Maximum Flood Depth

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

CLIENT:

Frodsham Solar Ltd

www.waterco.co.uk

SCHEME:

Frodsham Solar

PLOT TITLE:

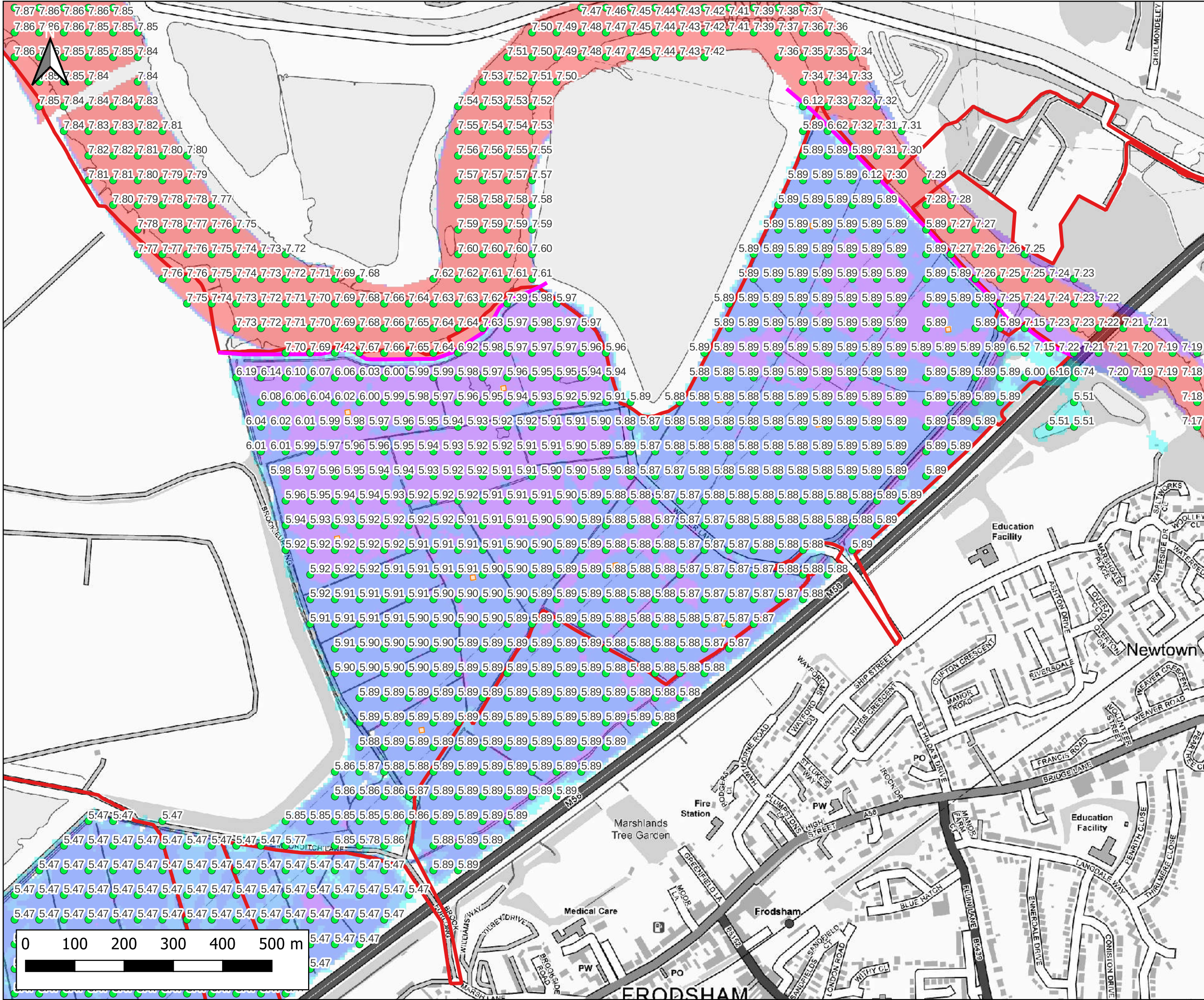
River Mersey Maximum Flood Water Level  
0.5% AEP Tidal Event  
2075 Upper End  
Defended Existing Scenario (EXG)

PLOT STATUS:		DATE:	
FINAL		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_h_Max	-





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

**LEGEND**

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

Maximum Flood Depth

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

CLIENT:

Frodsham Solar Ltd

www.waterco.co.uk

SCHEME:

Frodsham Solar

PLOT TITLE:

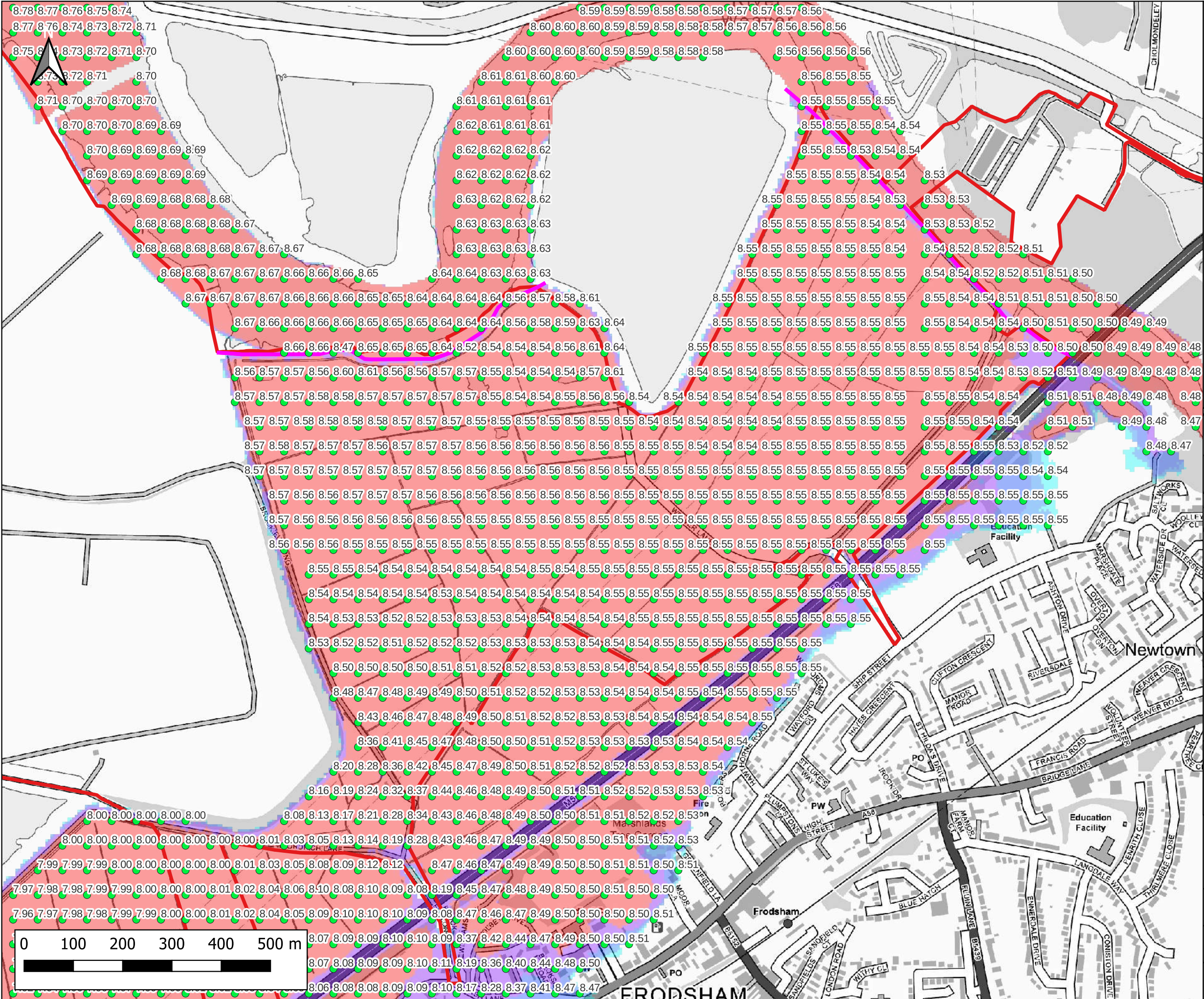
River Mersey Maximum Flood Water Level  
0.5% AEP Tidal Event  
2075 Upper End  
Defended Proposed Development Scenario (DEV)

PLOT STATUS:		DATE:	
FINAL		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_h_Max	-





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

**LEGEND**

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

Maximum Flood Depth

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

CLIENT:

Frodsham Solar Ltd

www.waterco.co.uk

SCHEME:

Frodsham Solar

PLOT TITLE:

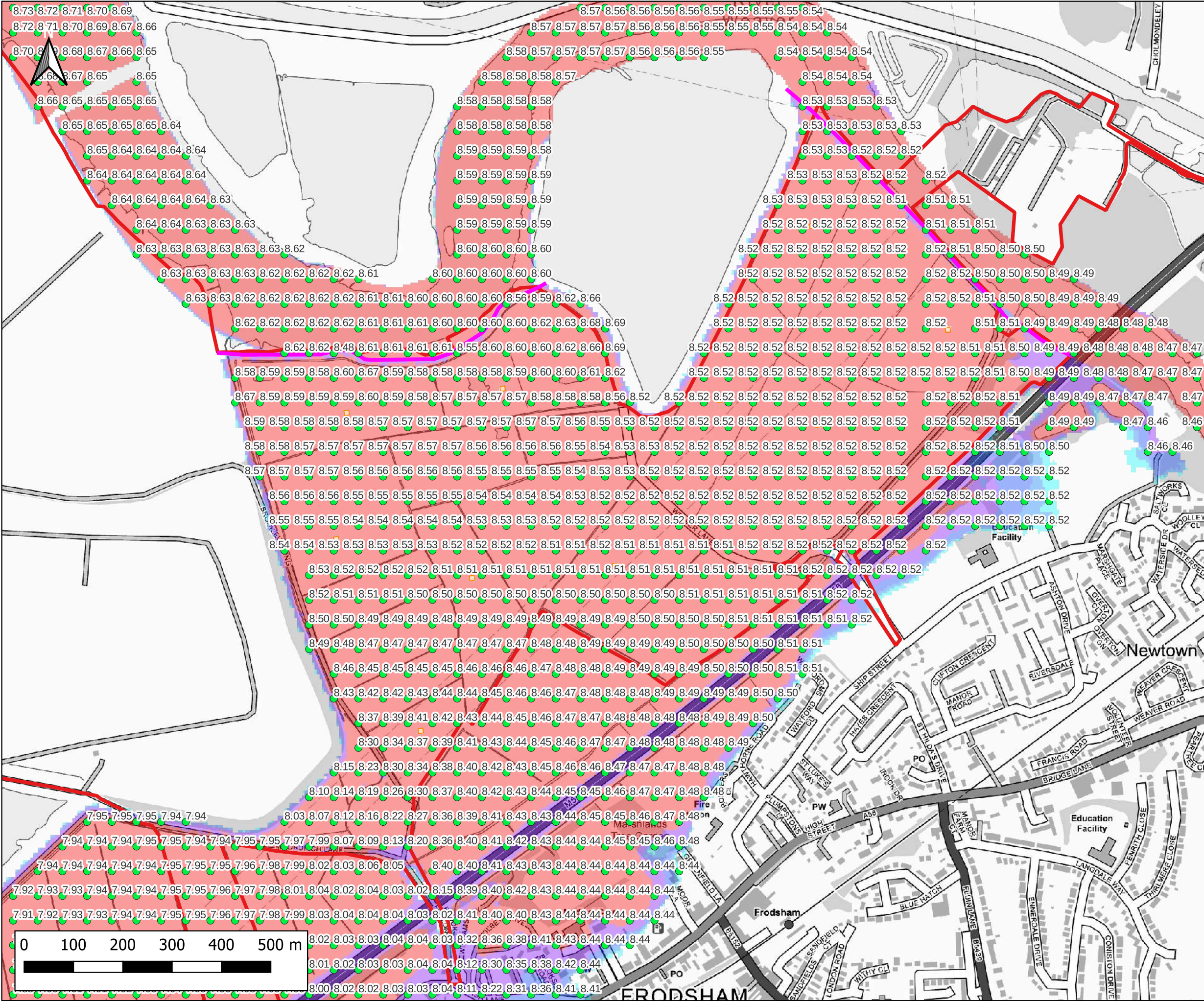
River Mersey Maximum Flood Water Level  
0.5% AEP Tidal Event  
H++  
Defended Existing Scenario (EXG)

PLOT STATUS:			DATE:
FINAL			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_h_Max	-





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

**LEGEND**

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

Maximum Flood Depth

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

CLIENT:

Frodsham Solar Ltd

www.waterco.co.uk

SCHEME:

Frodsham Solar

PLOT TITLE:

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

PLOT STATUS:		DATE:	
FINAL		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_h_Max	-





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

**LEGEND**

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

Maximum Flood Depth

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

CLIENT:

Frodsham Solar Ltd

www.waterco.co.uk

SCHEME:

Frodsham Solar

PLOT TITLE:

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

PLOT STATUS:		DATE:	
FINAL		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_h_Max	-





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

**LEGEND**

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

Maximum Flood Depth

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

CLIENT:

Frodsham Solar Ltd

www.waterco.co.uk

SCHEME:

Frodsham Solar

PLOT TITLE:

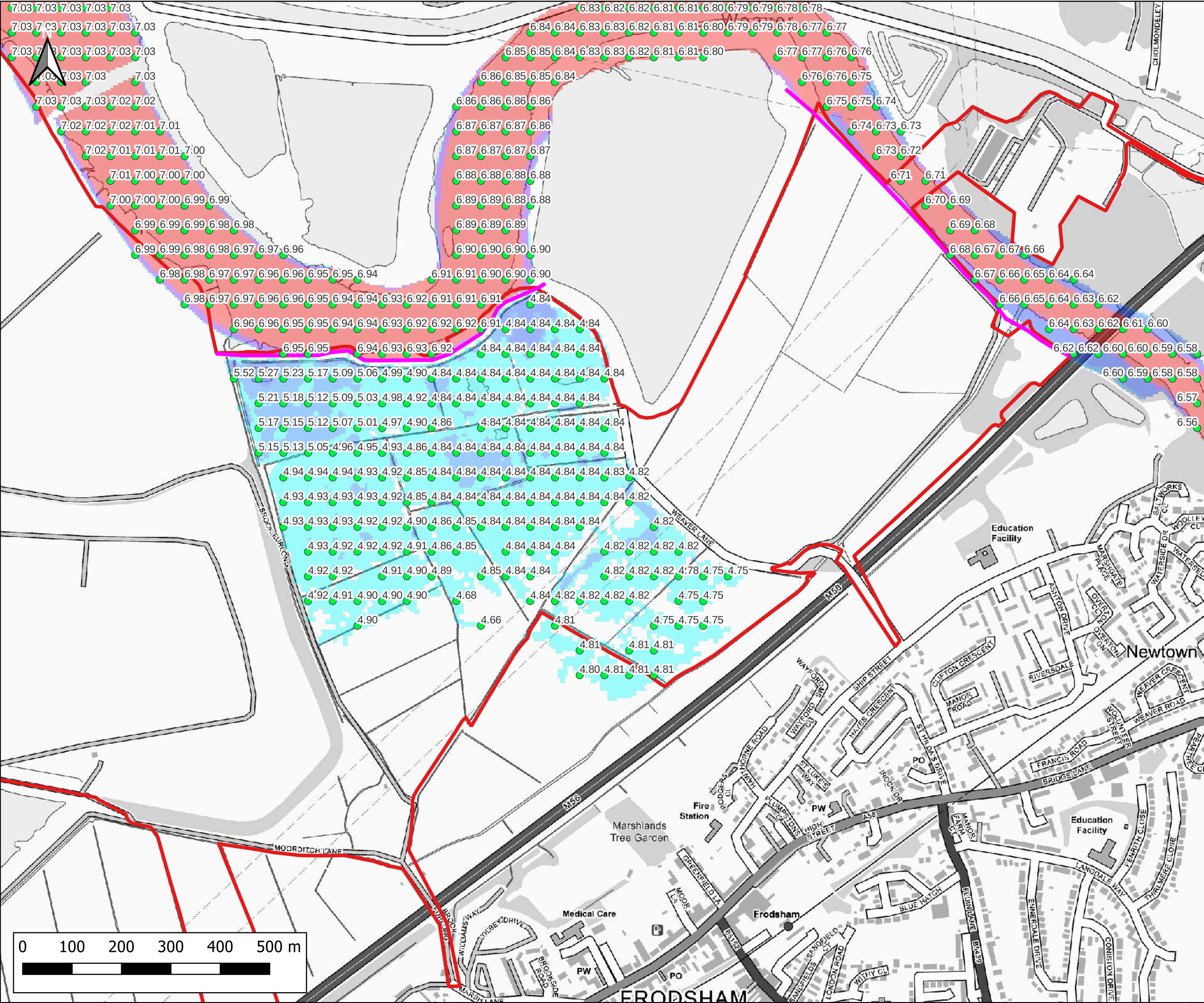
River Mersey Maximum Flood Water Level  
0.1% AEP Tidal Event  
2024 Higher Central  
Defended Proposed Development Scenario (DEV)

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_h_Max	-





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

**LEGEND**

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

Maximum Flood Depth

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

CLIENT:

Frodsham Solar Ltd

www.waterco.co.uk

SCHEME:

Frodsham Solar

PLOT TITLE:

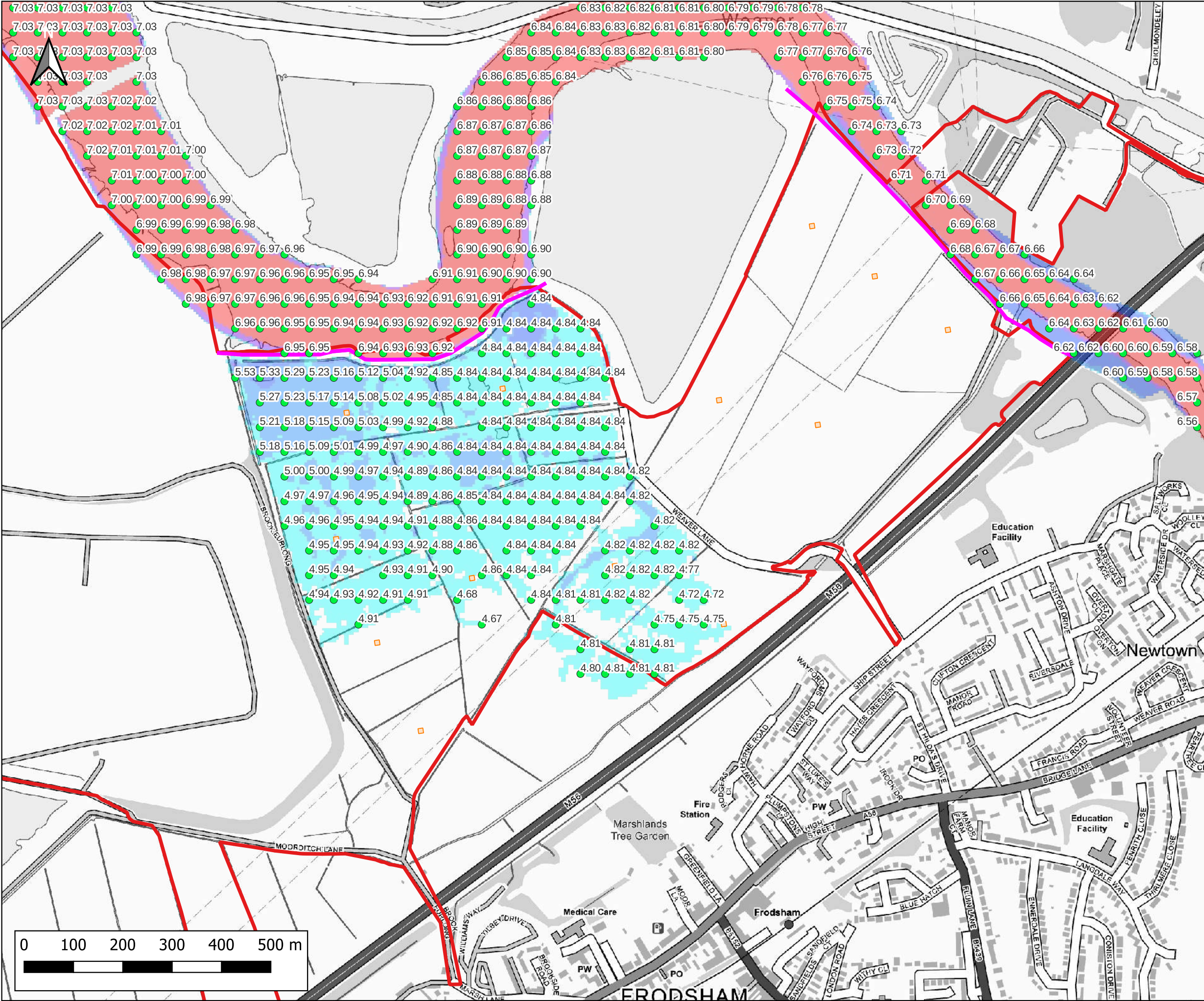
River Mersey Maximum Flood Water Level  
0.5% AEP Tidal Event  
2024 Higher Central  
Breach 1 Existing Scenario (EXG)

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_h_Max	-





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

**LEGEND**

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

Maximum Flood Depth

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

CLIENT:

Frodsham Solar Ltd

www.waterco.co.uk

SCHEME:

Frodsham Solar

PLOT TITLE:

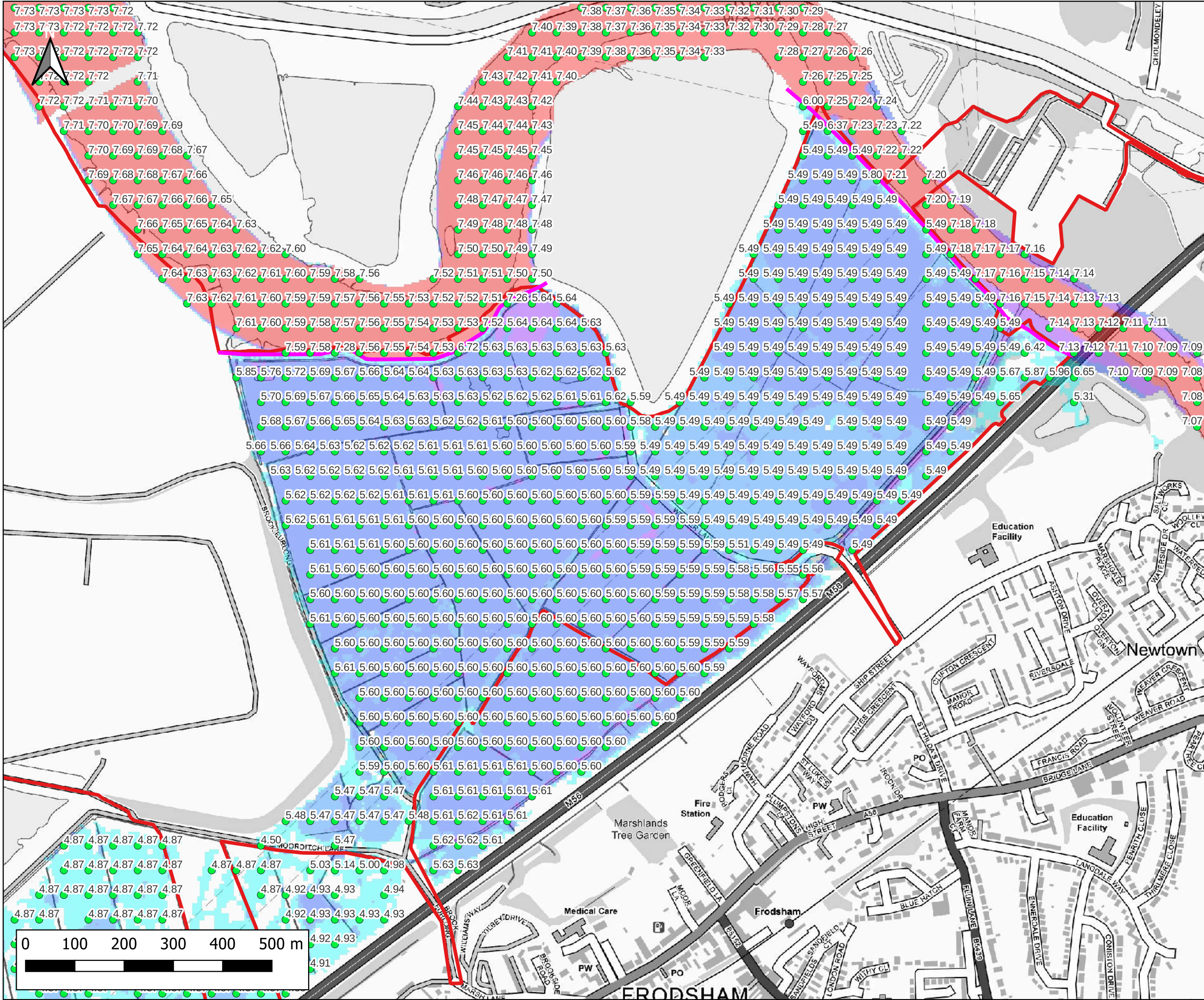
River Mersey Maximum Flood Water Level  
0.5% AEP Tidal Event  
2024 Higher Central  
Breach 1 Proposed Development Scenario (DEV)

PLOT STATUS:		DATE:	
FINAL		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_h_Max	-





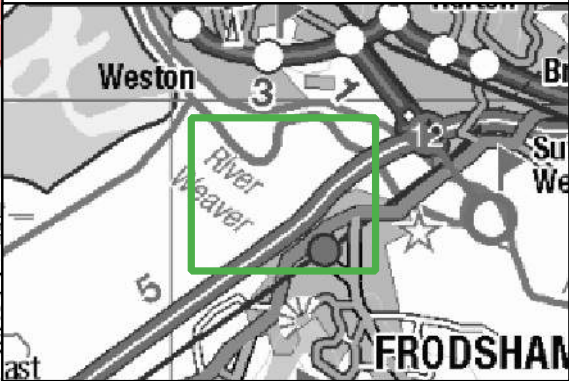
Notes:  
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

**LEGEND**

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

**Maximum Flood Depth**

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



Frodsham Solar Ltd



Frodsham Solar

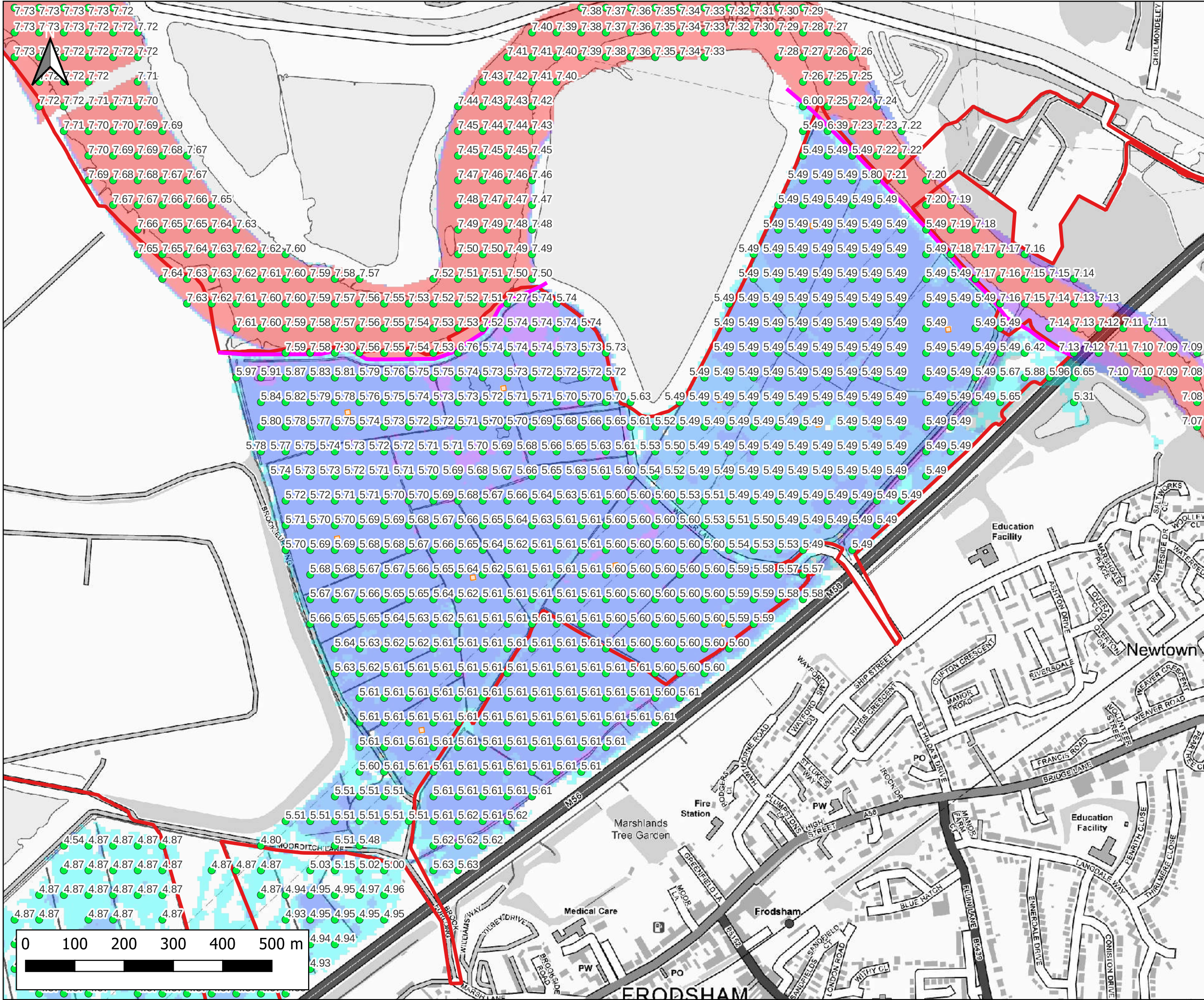
PLOT TITLE:  
River Mersey Maximum Flood Water Level  
0.5% AEP Tidal Event  
2075 Higher Central  
Breach 1 Existing Scenario (EXG)

PLOT STATUS: 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\_h\_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 Water Level (m AOD)

Maximum Flood Depth

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

CLIENT:

Frodsham Solar Ltd

www.waterco.co.uk

SCHEME:

Frodsham Solar

PLOT TITLE:

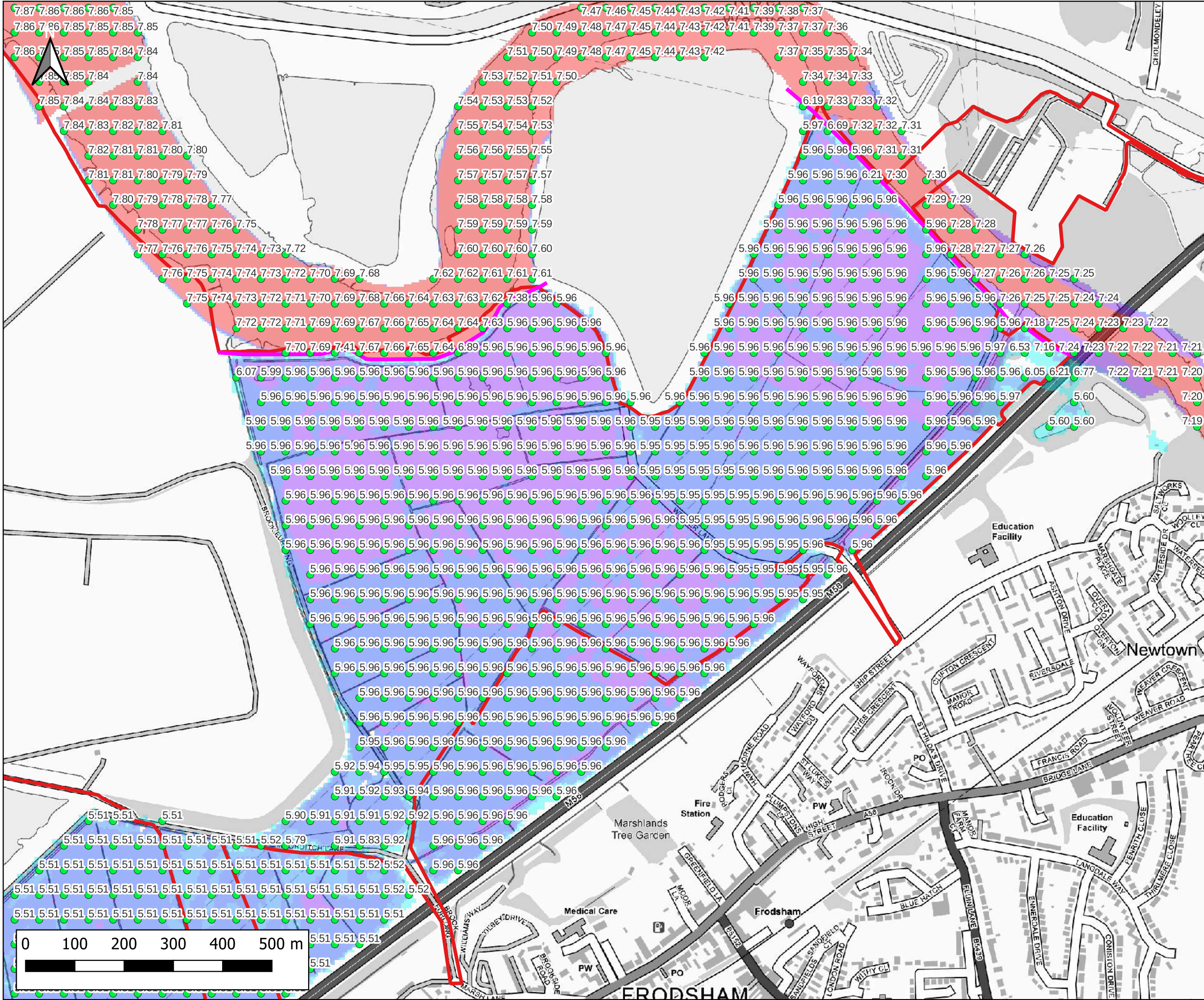
River Mersey Maximum Flood Water Level  
0.5% AEP Tidal Event  
2075 Higher Central  
Breach 1 Proposed Development Scenario (DEV)

PLOT STATUS:		DATE:	
FINAL		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_h_Max	-





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

**LEGEND**

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

Maximum Flood Depth

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

CLIENT:

Frodsham Solar Ltd

www.waterco.co.uk

SCHEME:

Frodsham Solar

PLOT TITLE:

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

PLOT STATUS:			DATE:
FINAL			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_h_Max	-