



Frodsham Solar

Environmental Statement: Volume 2

Appendix 9-3: Hydraulic Modelling Report

Part 3 of 4

May 2025



PINS Ref: EN010153

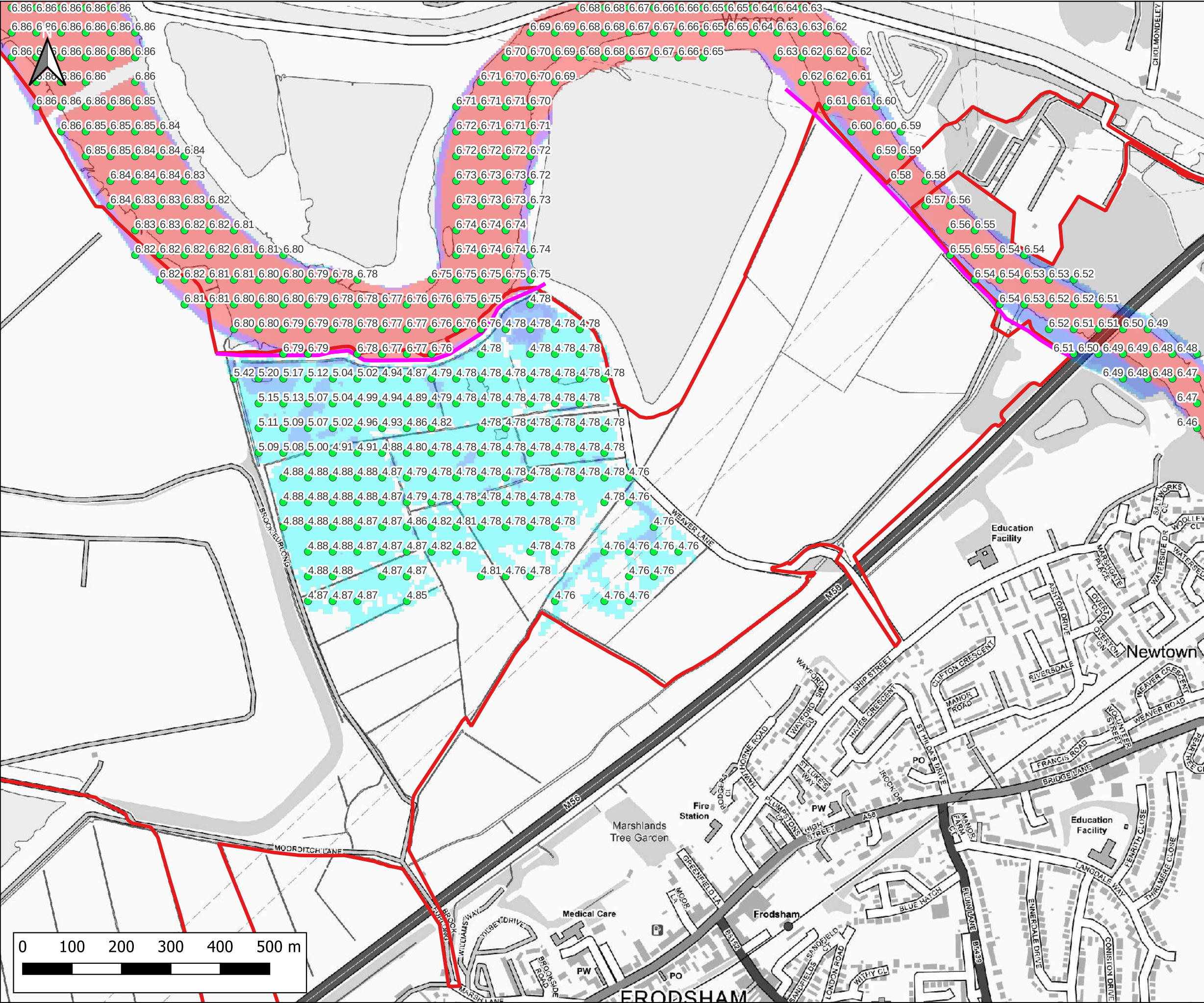
Document Ref: EN010153/DR/6.2

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

Revision P01

Appendix H Water Level Mapping

Mersey Estuary Water Level Mapping



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

LEGEND

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

Maximum Flood Depth

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

CLIENT:

Frodsham Solar Ltd

www.waterco.co.uk

SCHEME:

Frodsham Solar

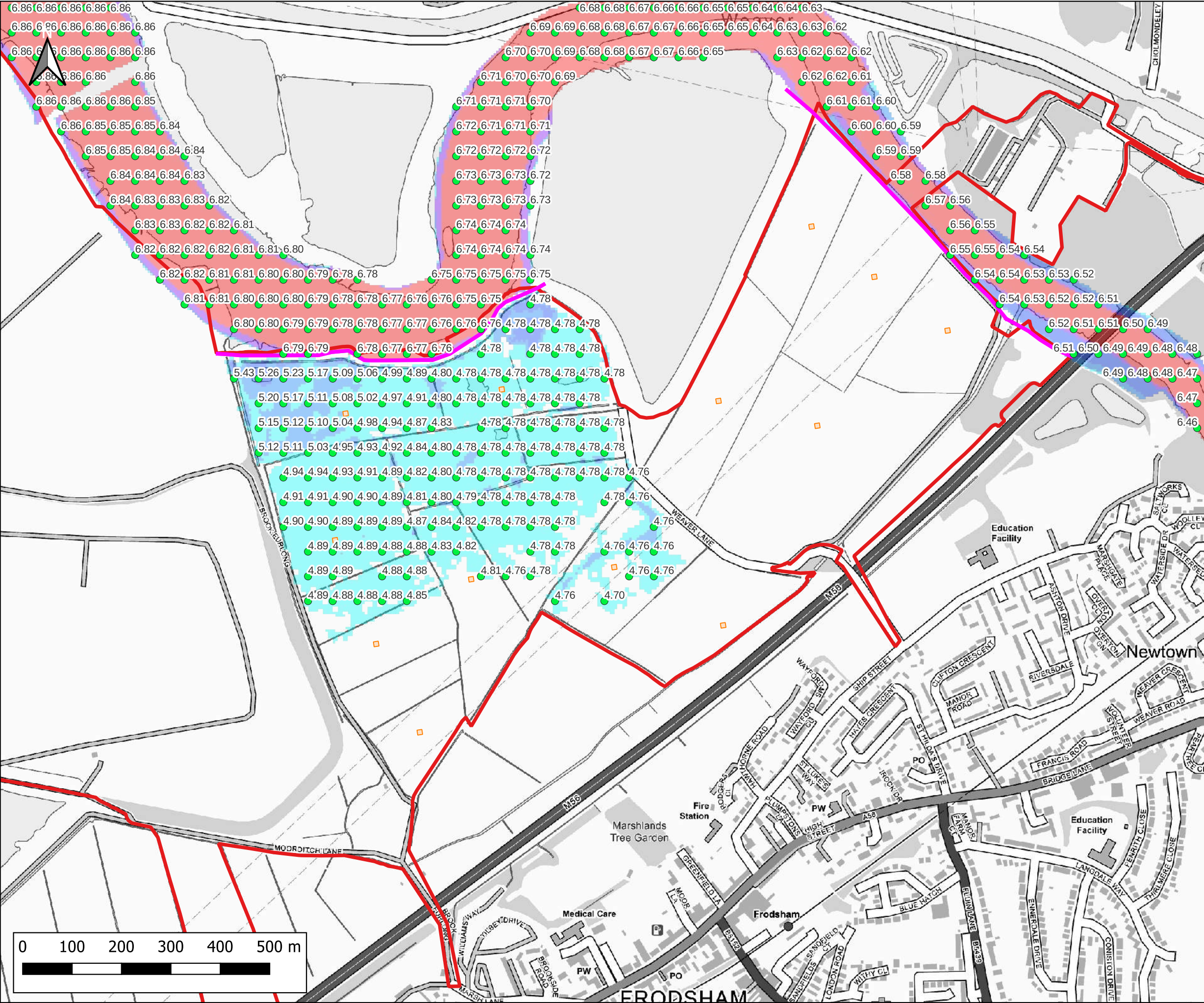
PLOT TITLE:

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

PLOT STATUS:		DATE:	
FINAL		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:
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LEGEND

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- Proposed Volume Displacement
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Maximum Flood Depth

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SCHEME:

Frodsham Solar

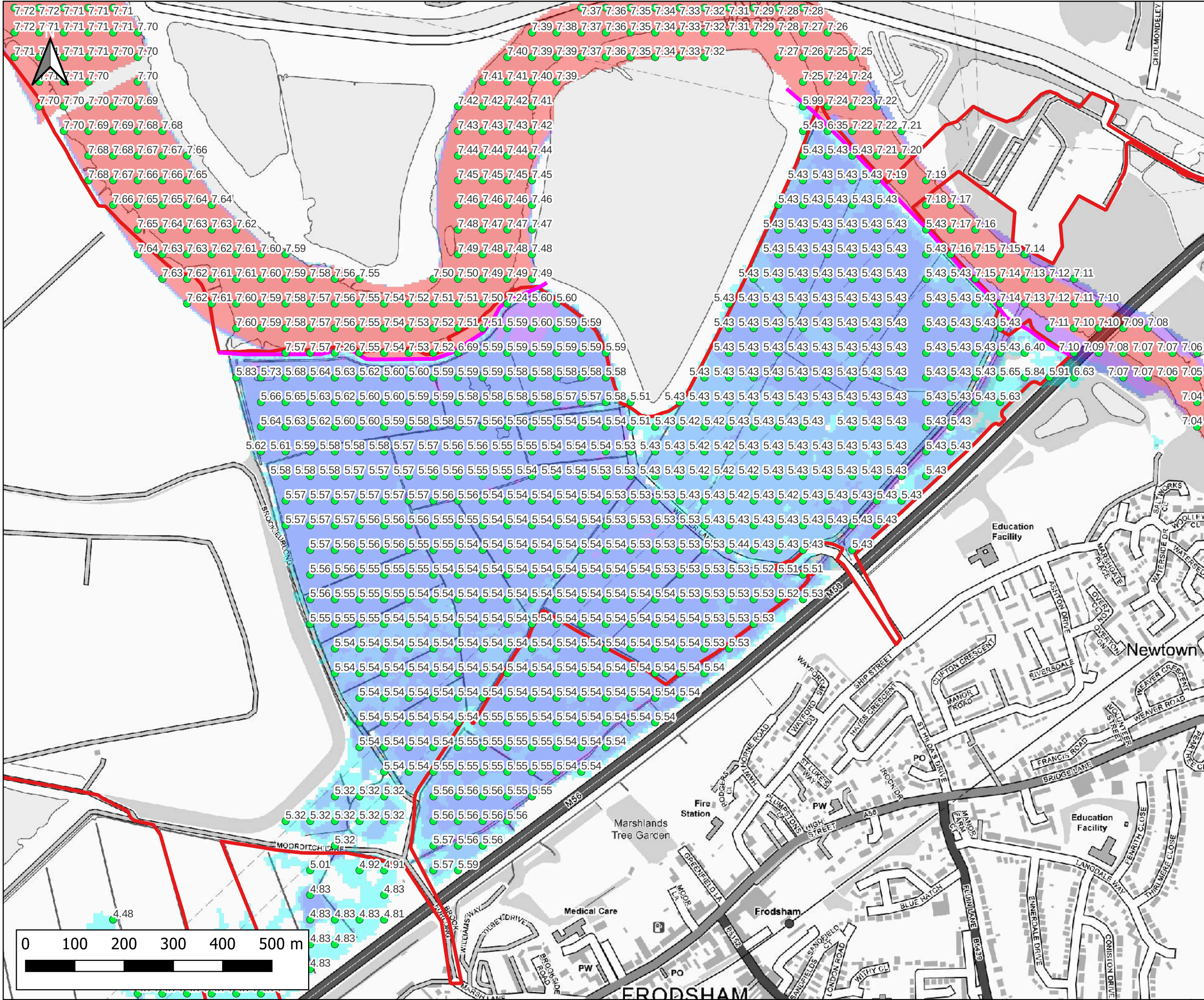
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River Mersey Maximum Flood Water Level
0.5% AEP Tidal Event
2024 Higher Central
Defended Proposed Development Scenario (DEV)

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	-



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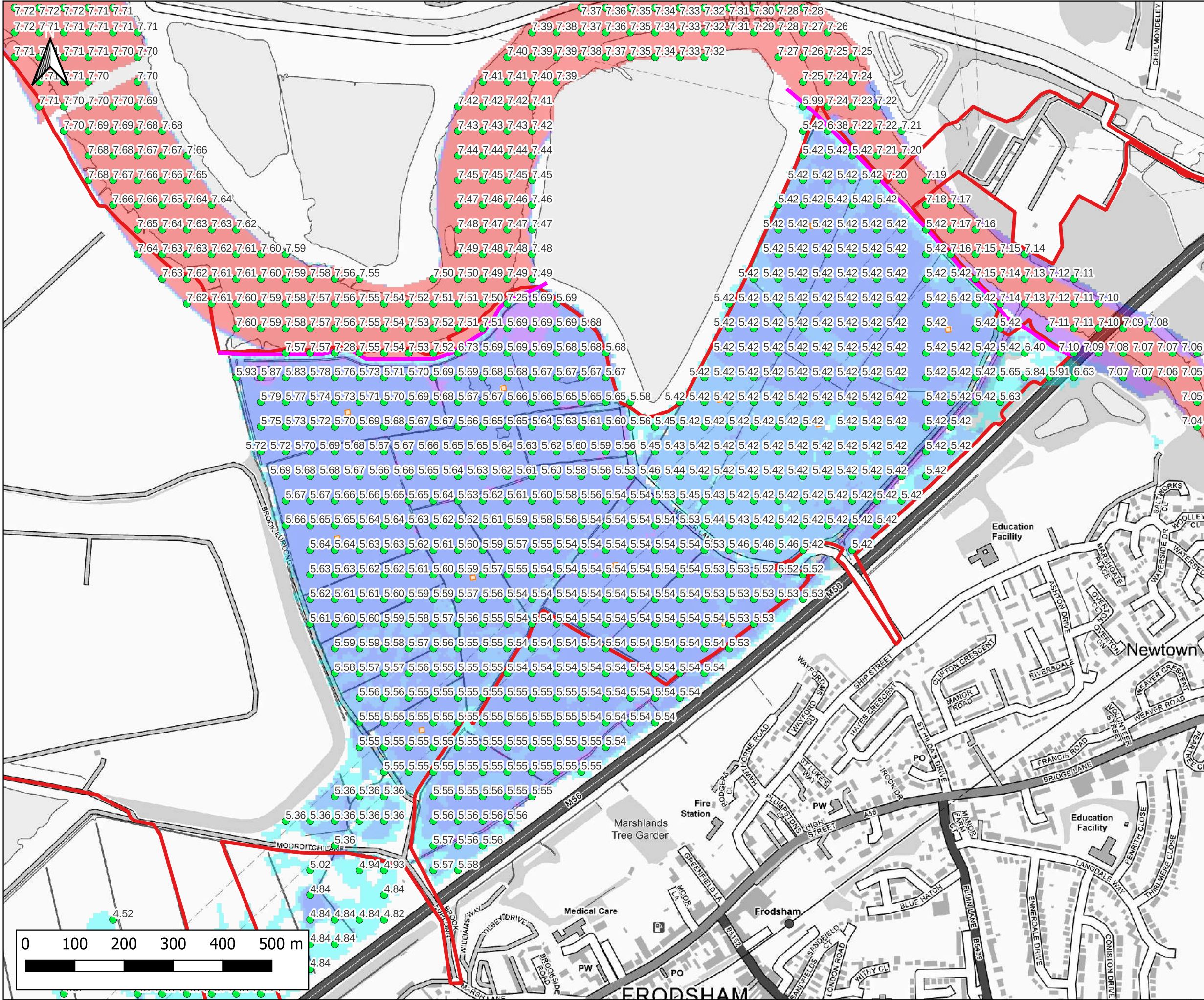
PLOT TITLE:

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	-



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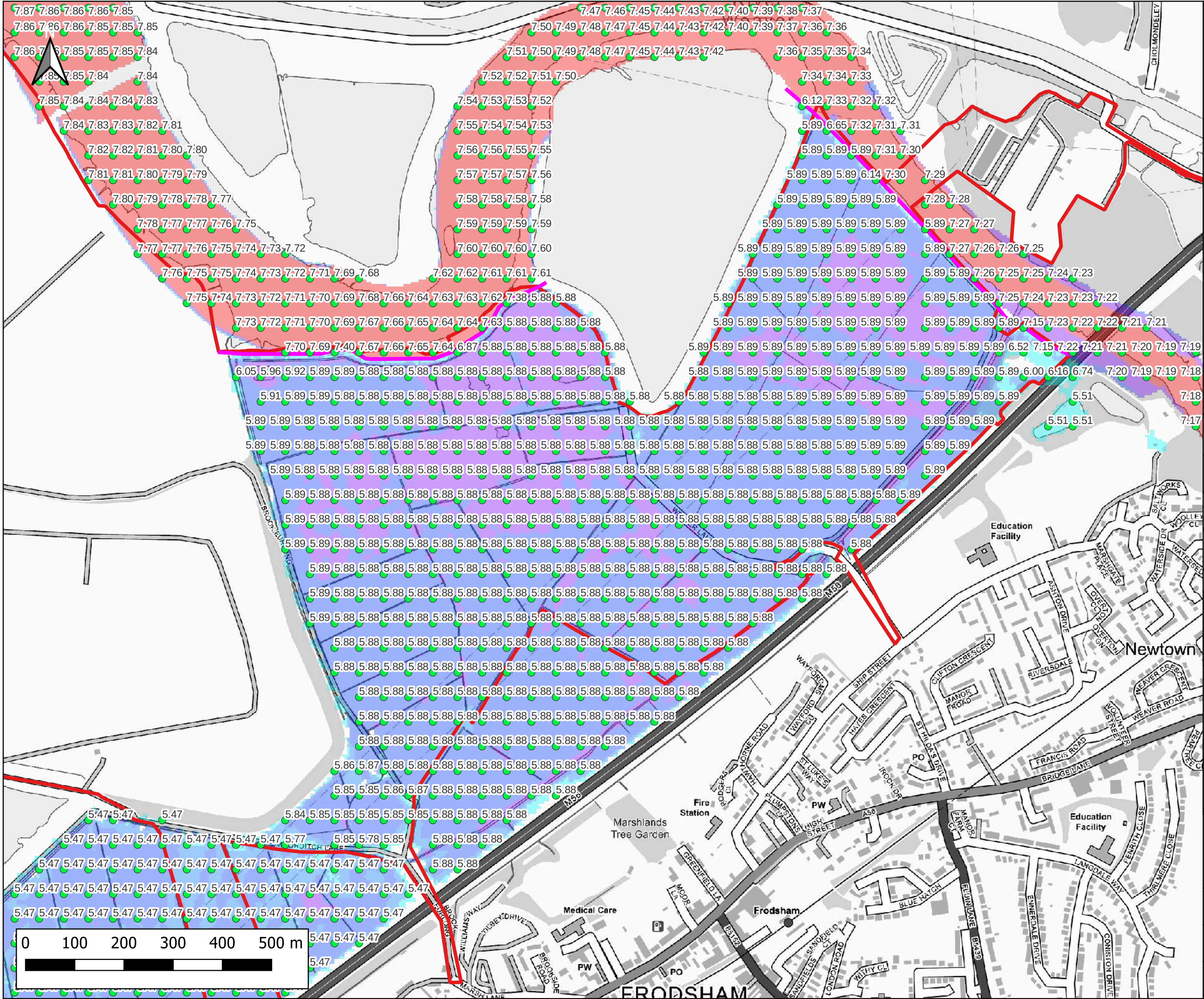
PLOT TITLE:

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	-



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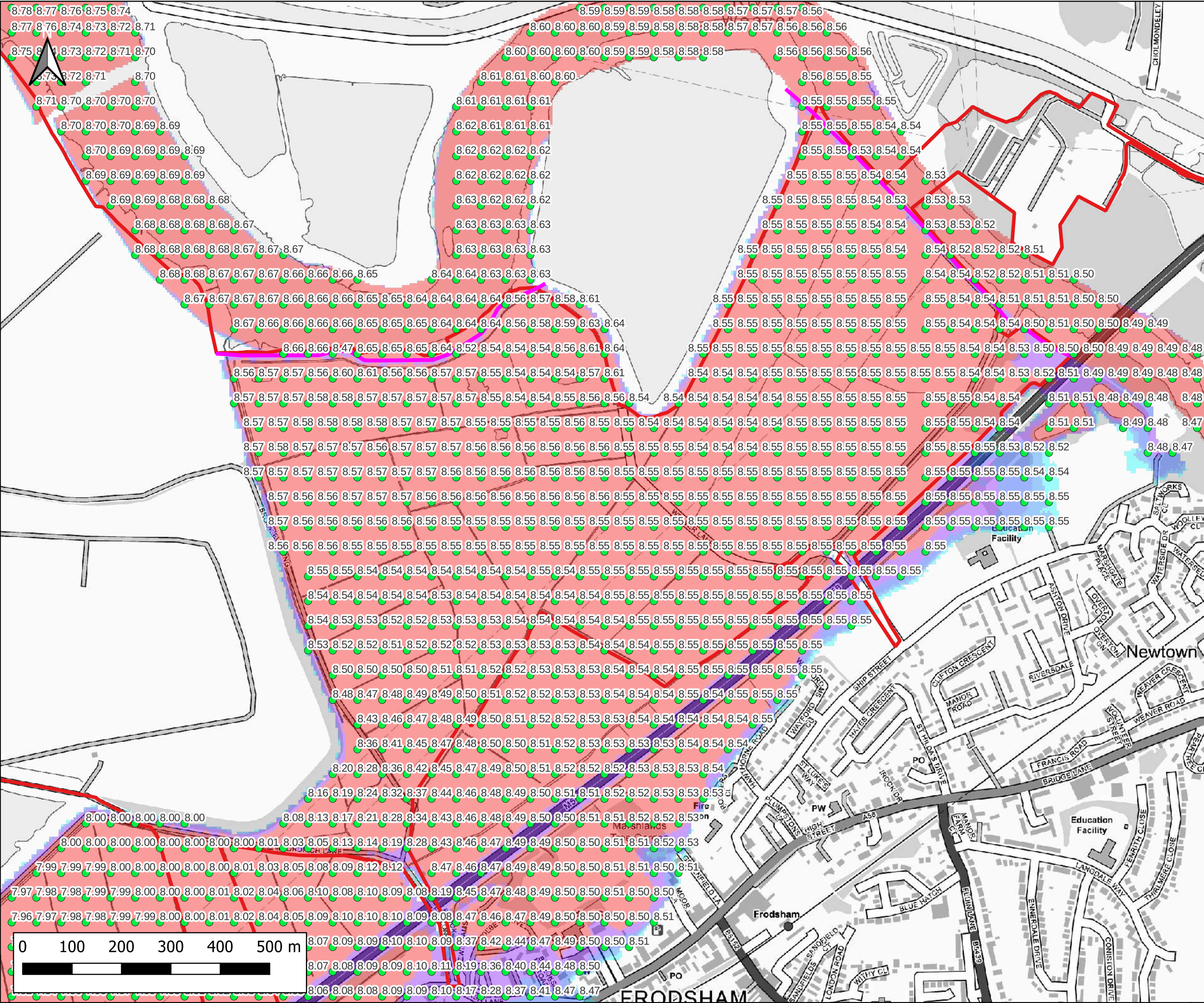
SCHEME:

Frodsham Solar

PLOT TITLE:

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

PLOT STATUS:		FINAL		DATE:	30-04-2025
DRAWN:	MH	CHECKED:	AP	APPROVED:	LS
PLOT NAME:			14740_MERS_T200HC_2075UE_EXG_DEF_020_h_Max		
REVISION:			-		



Notes:
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CLIENT:

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SCHEME:

Frodsham Solar

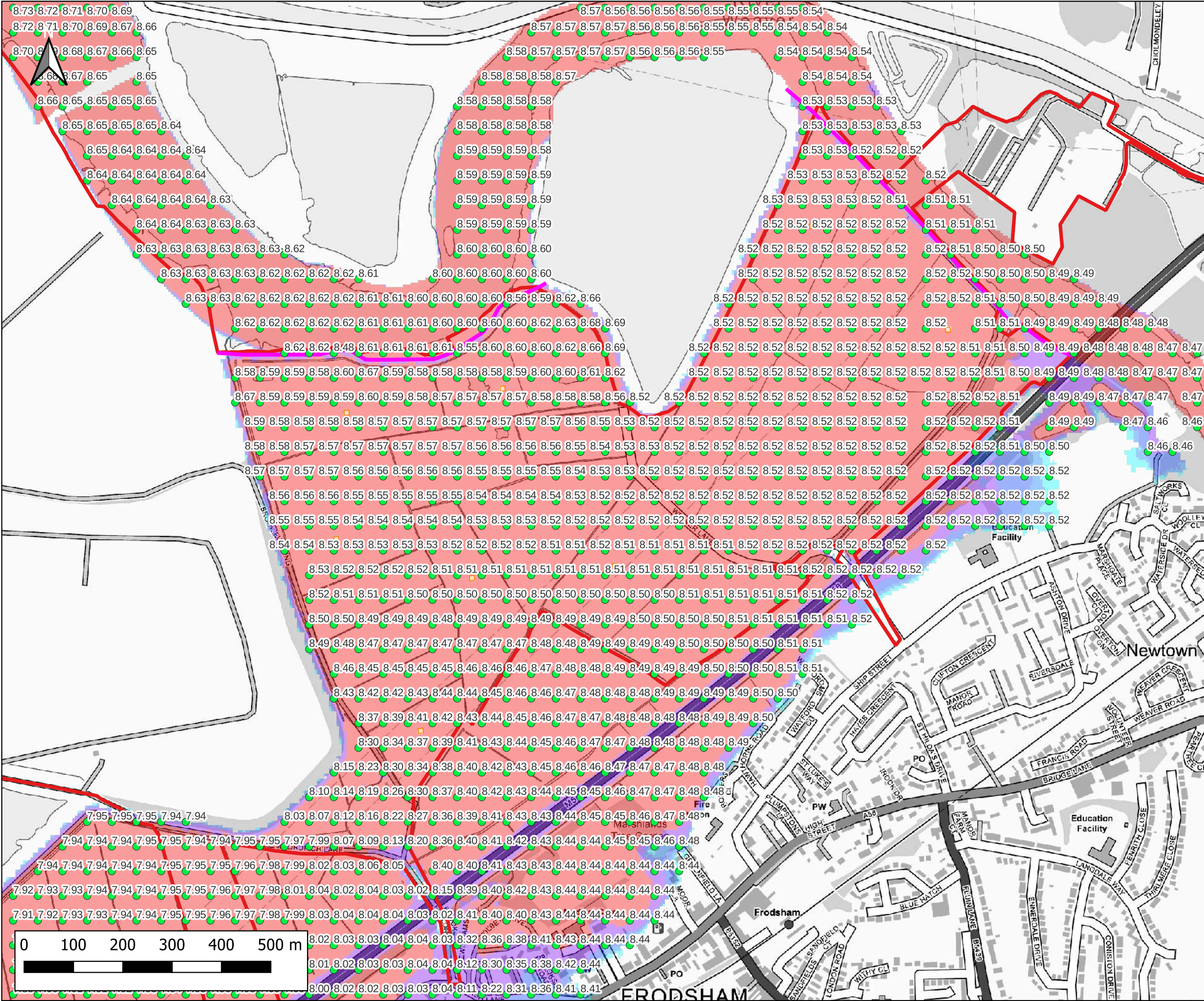
PLOT TITLE:

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	-



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FINAL		30-04-2025	

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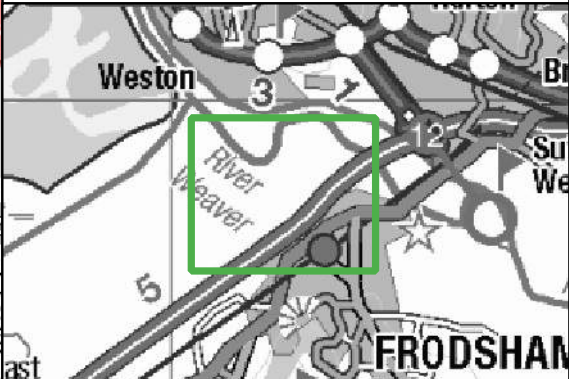
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1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

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PLOT TITLE:
River Mersey Maximum Flood Water Level
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_h_Max REVISION: -



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

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SCHEME:

Frodsham Solar

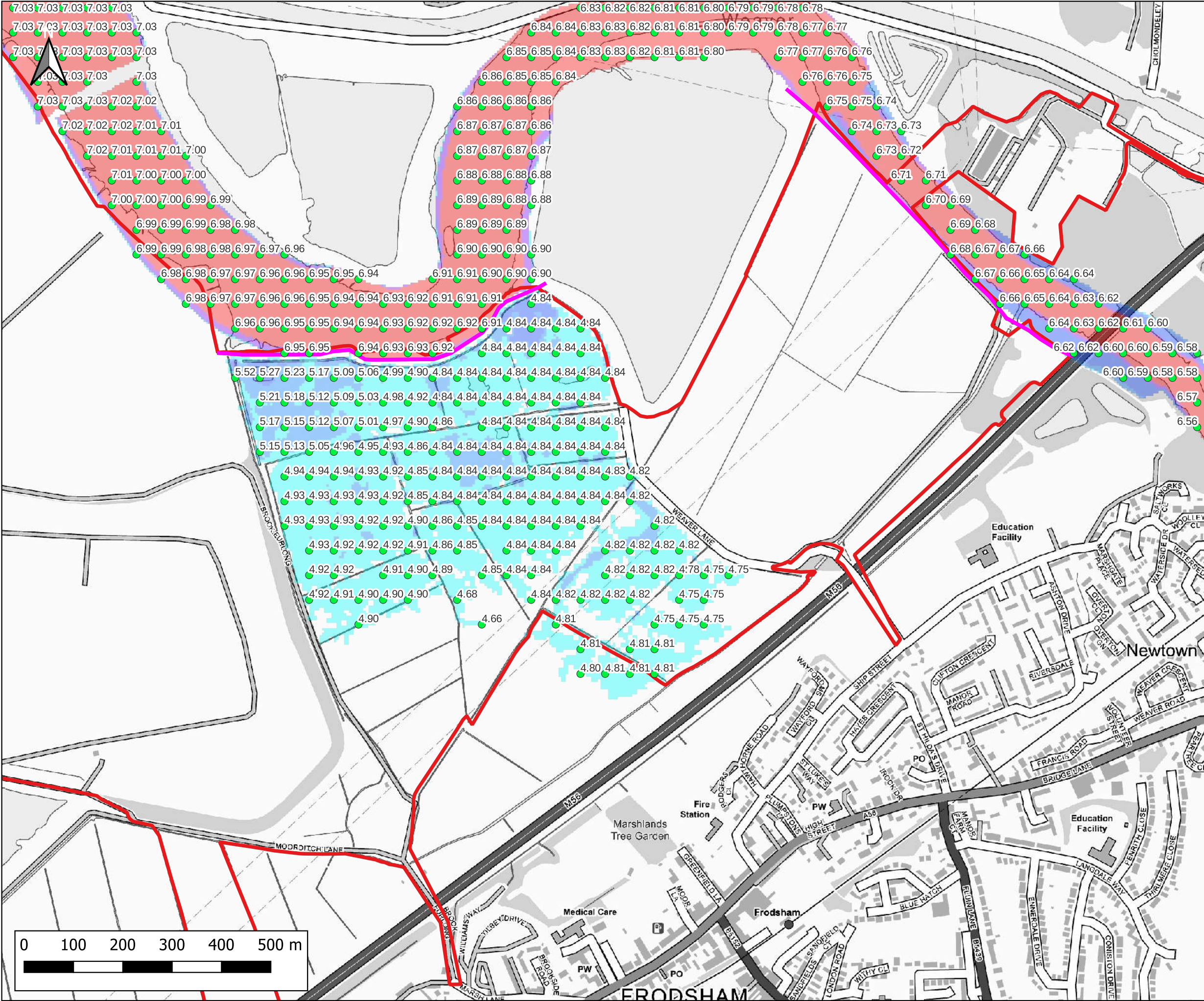
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River Mersey Maximum Flood Water Level
0.1% AEP Tidal Event
2024 Higher Central
Defended Proposed Development Scenario (DEV)

PLOT STATUS:		DATE:	
FINAL		30-04-2025	

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

PLOT NAME:	REVISION:
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Notes:
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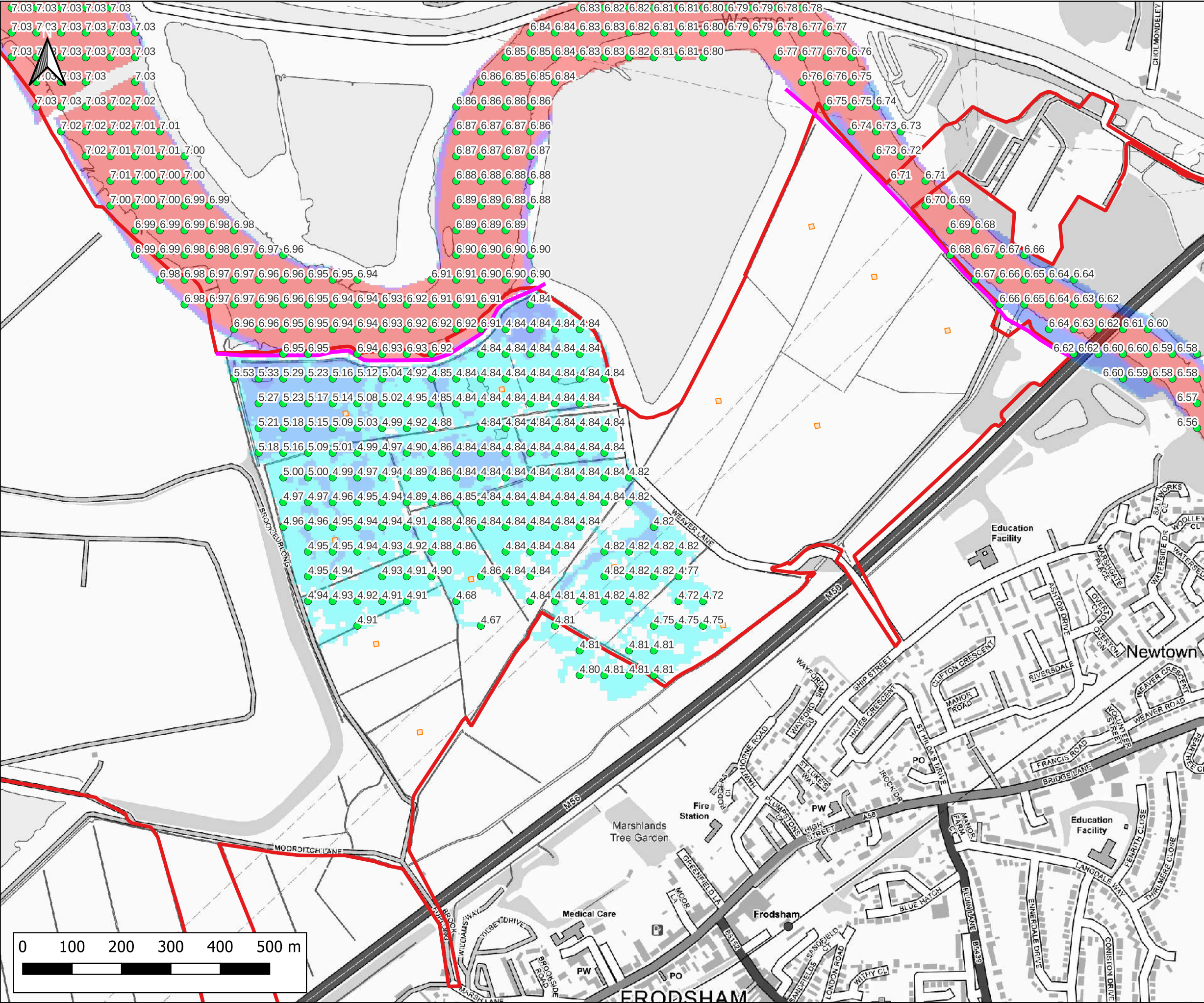
PLOT TITLE:

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

PLOT STATUS:		DATE:	
FINAL		30-04-2025	

DRAWN:	CHECKED:	APPROVED:	PLOT SCALE AT A3:
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PLOT NAME:	REVISION:
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Notes:
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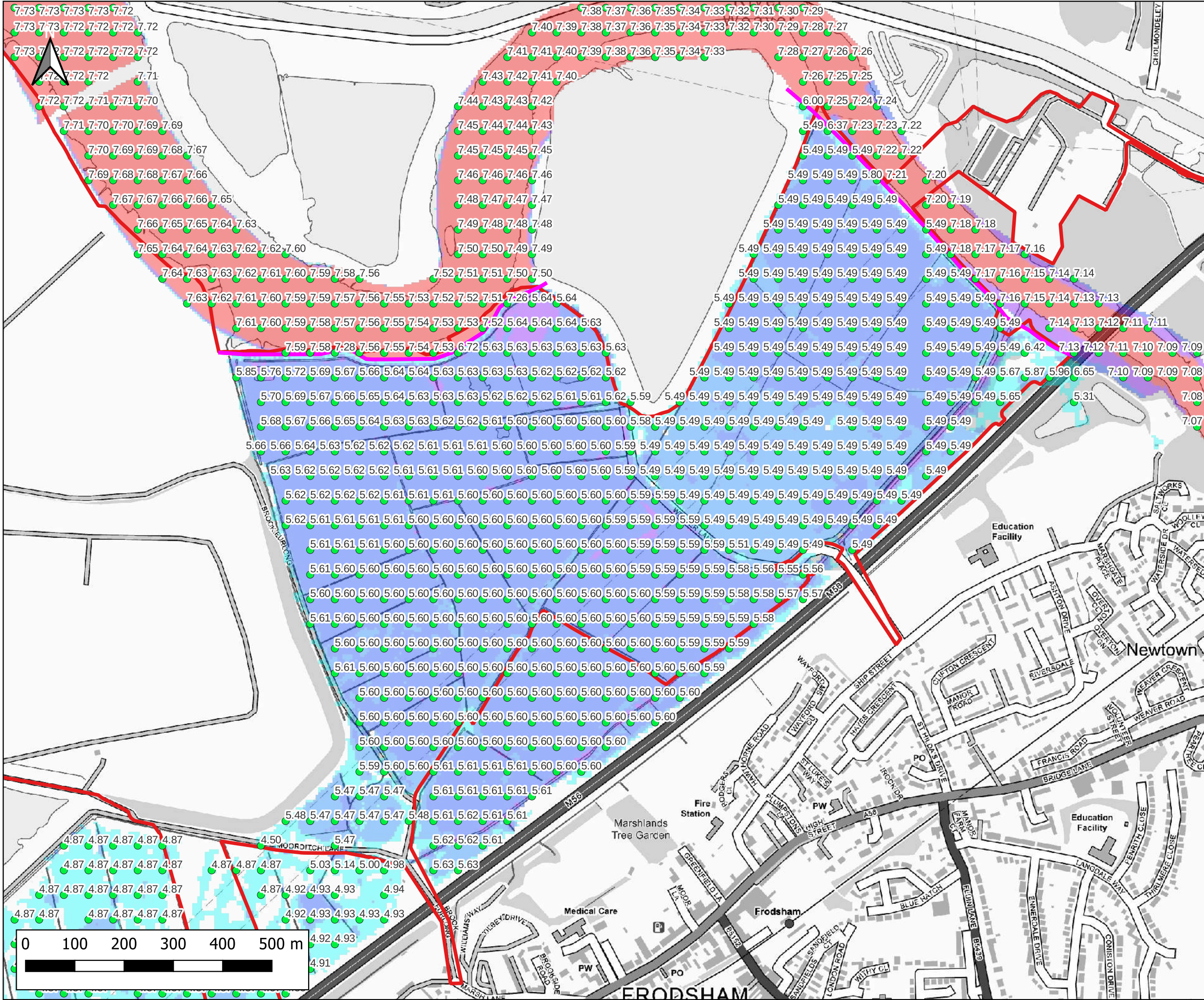
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PLOT NAME:	REVISION:
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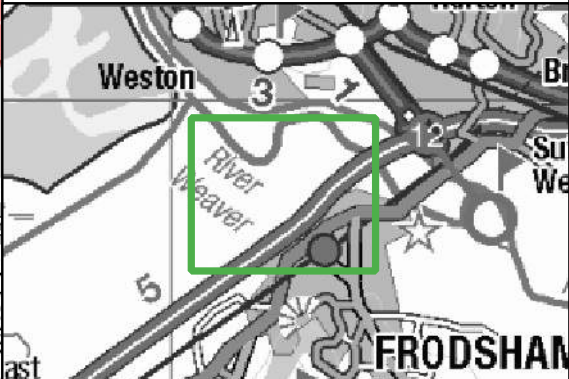
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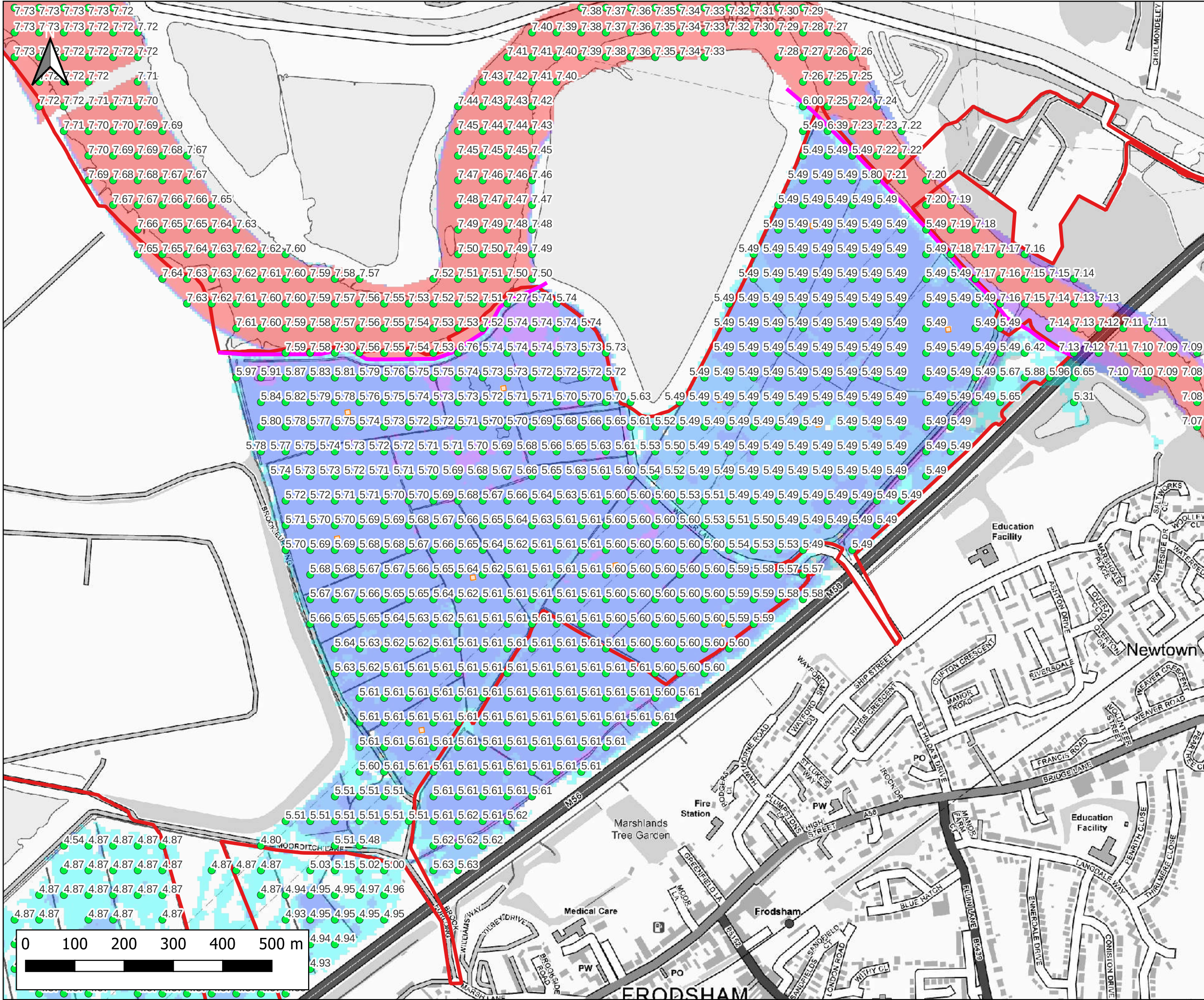
Frodsham Solar

PLOT TITLE:
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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:
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SCHEME:

Frodsham Solar

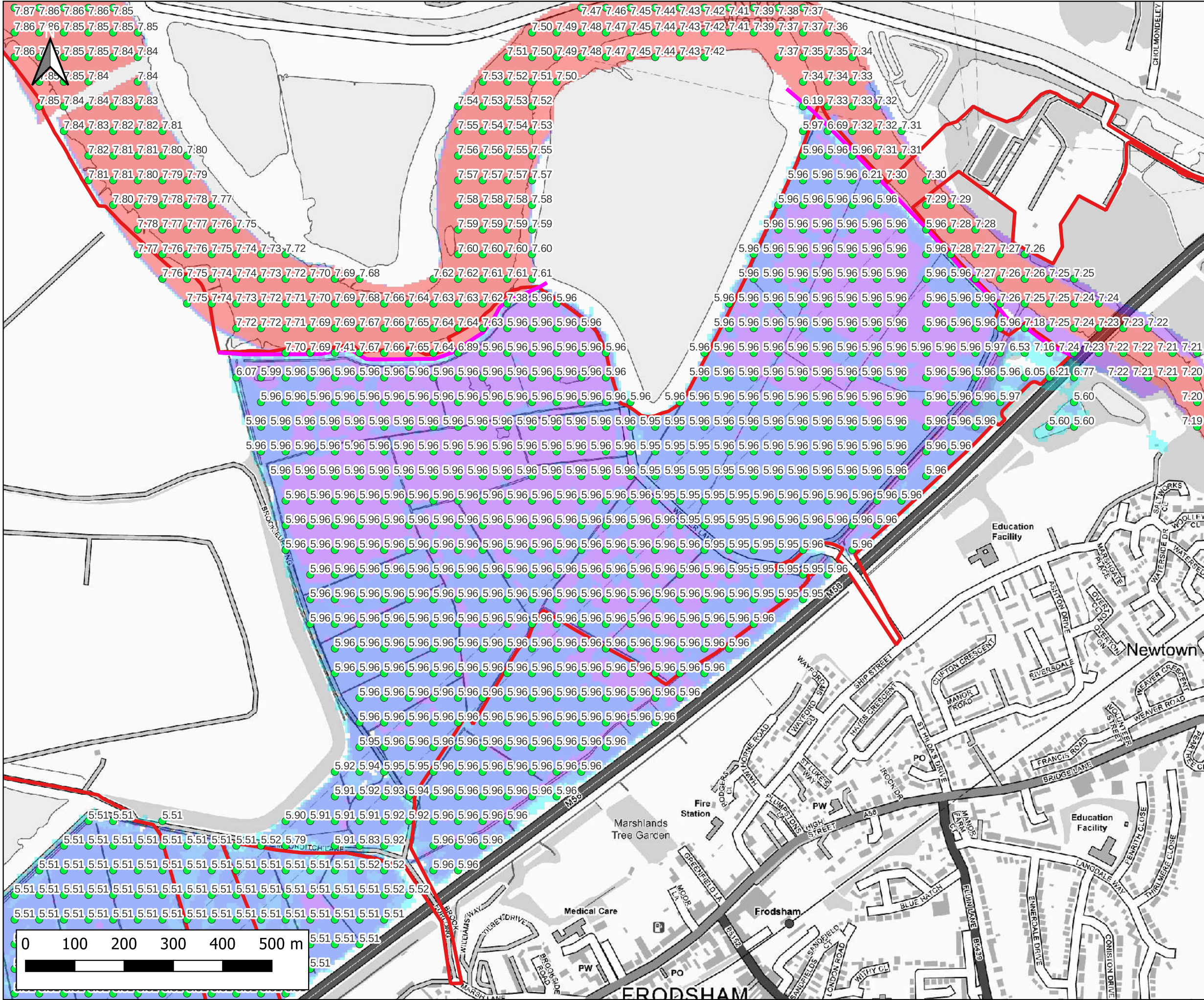
PLOT TITLE:

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	-



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SCHEME:

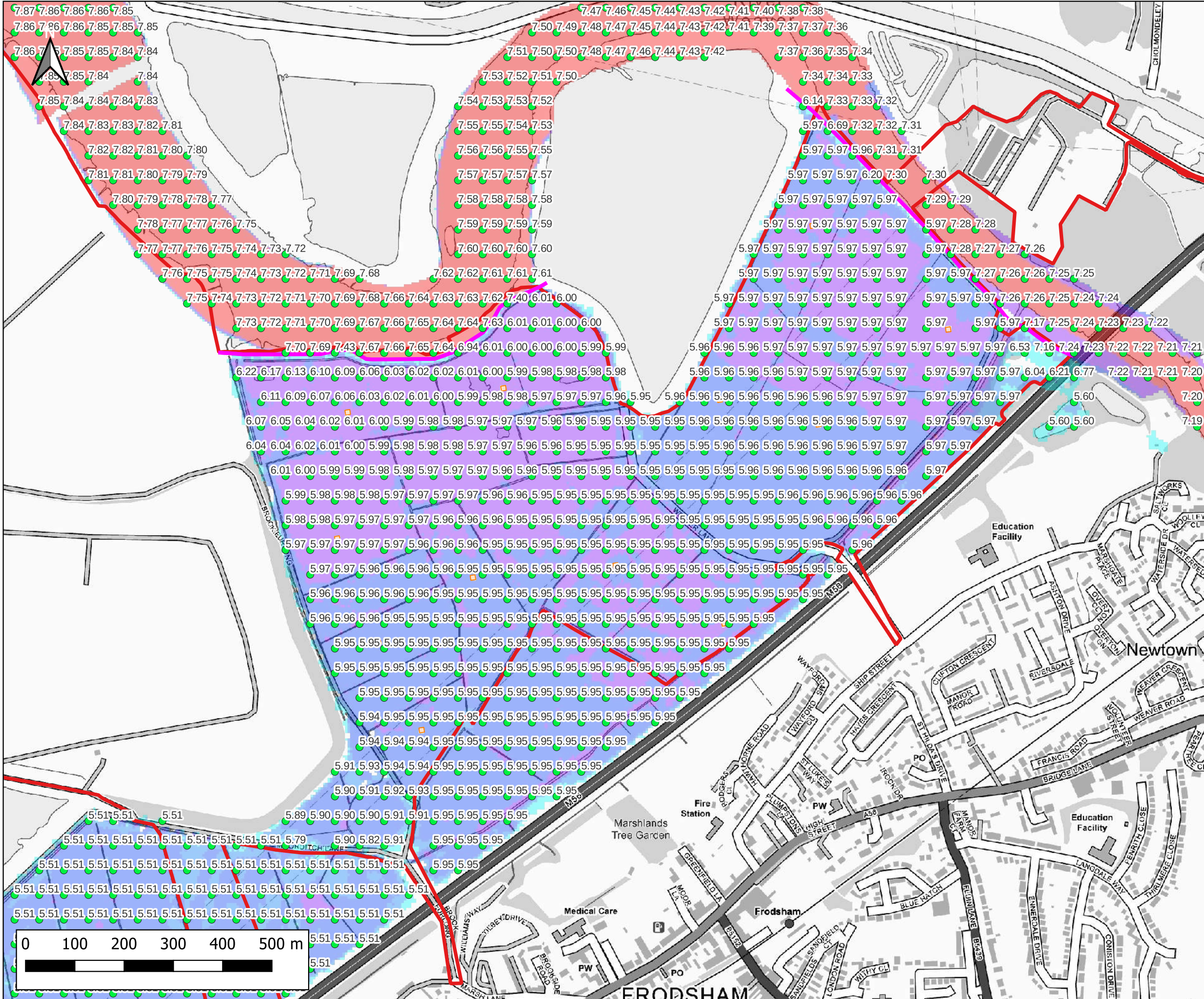
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PLOT TITLE:

River Mersey Maximum Flood Water Level
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 NAME:		14740_MERS_T200HC_2075UE_EXG_BR1_020_h_Max		REVISION:	-
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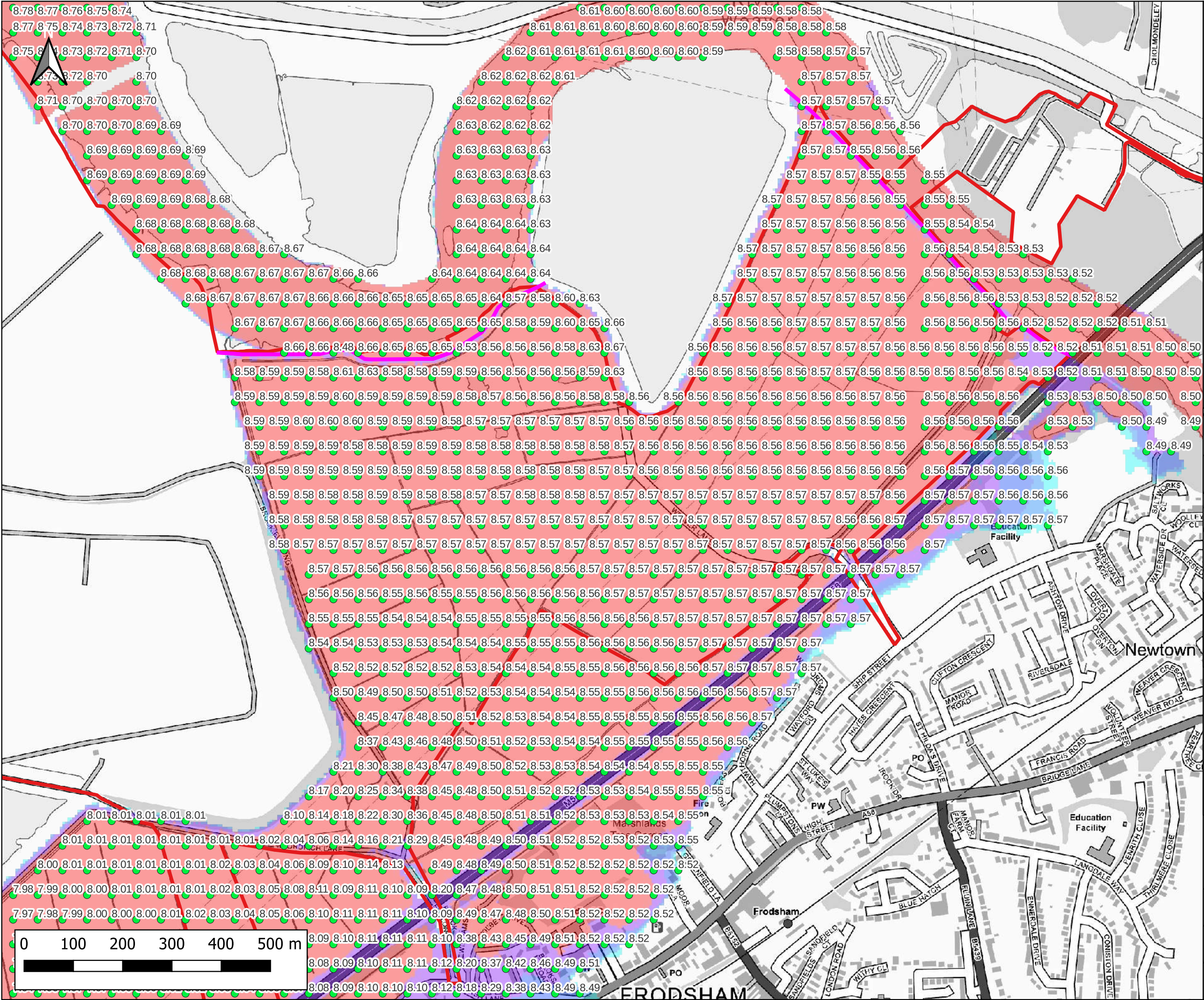
PLOT TITLE:

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

PLOT STATUS:		DATE:	
FINAL		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_h_Max	-



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Frodsham Solar

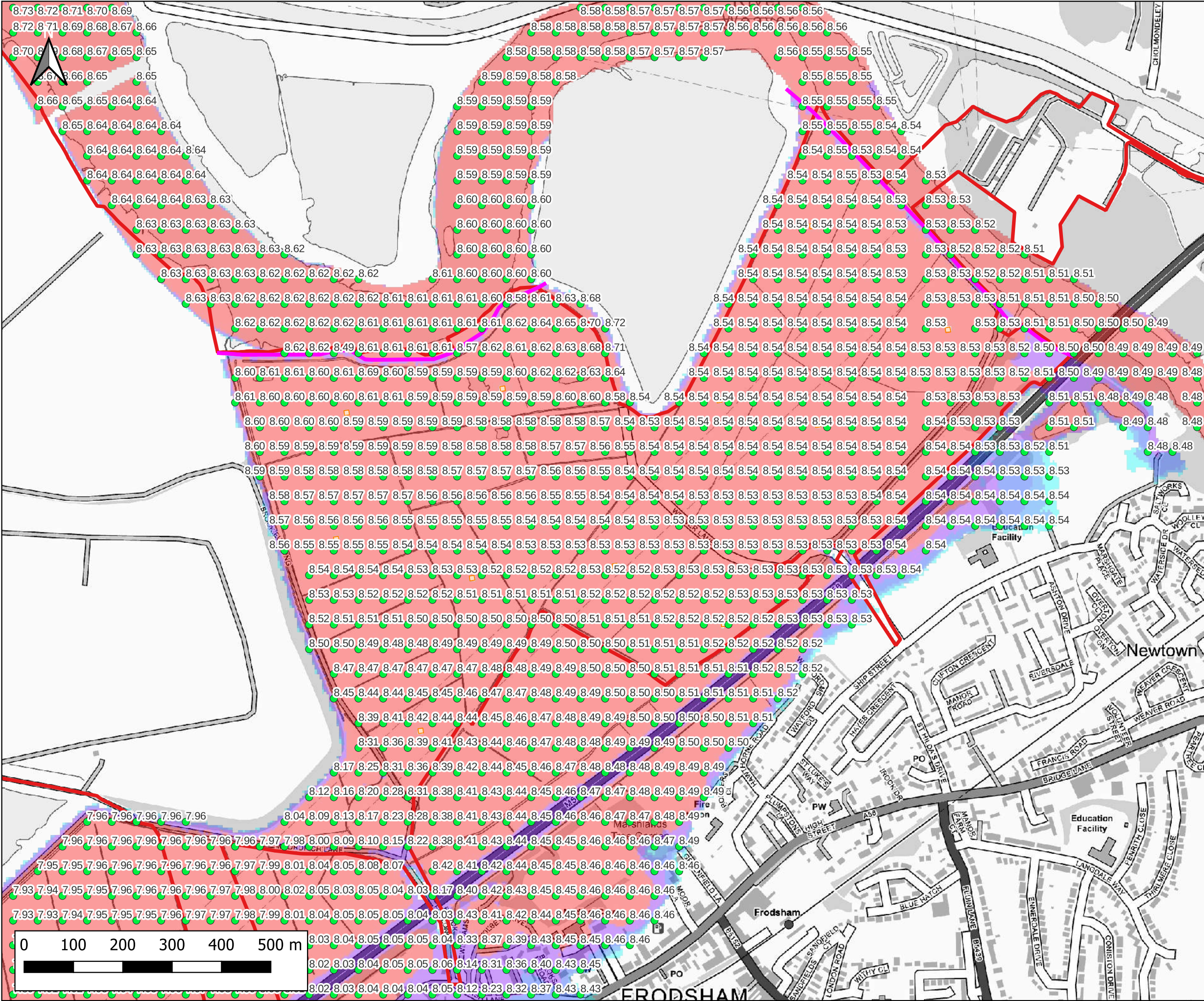
PLOT TITLE:

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

PLOT STATUS:		DATE:	
FINAL		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_h_Max	-



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SCHEME:

Frodsham Solar

PLOT TITLE:

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

PLOT STATUS:		DATE:	
FINAL		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_h_Max	-



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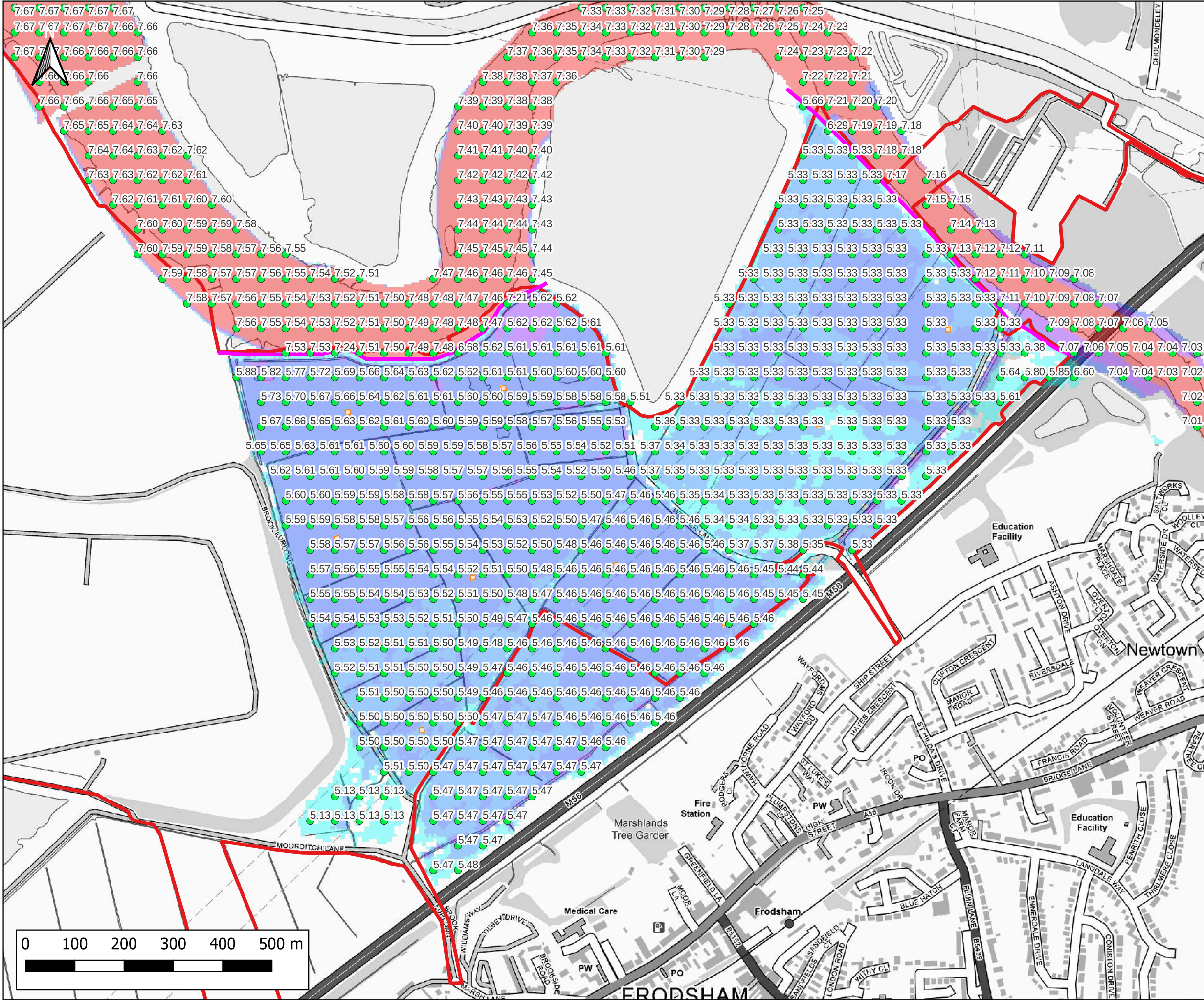
PLOT TITLE:

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

PLOT STATUS:		DATE:	
FINAL		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_h_Max	-



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SCHEME:

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PLOT TITLE:

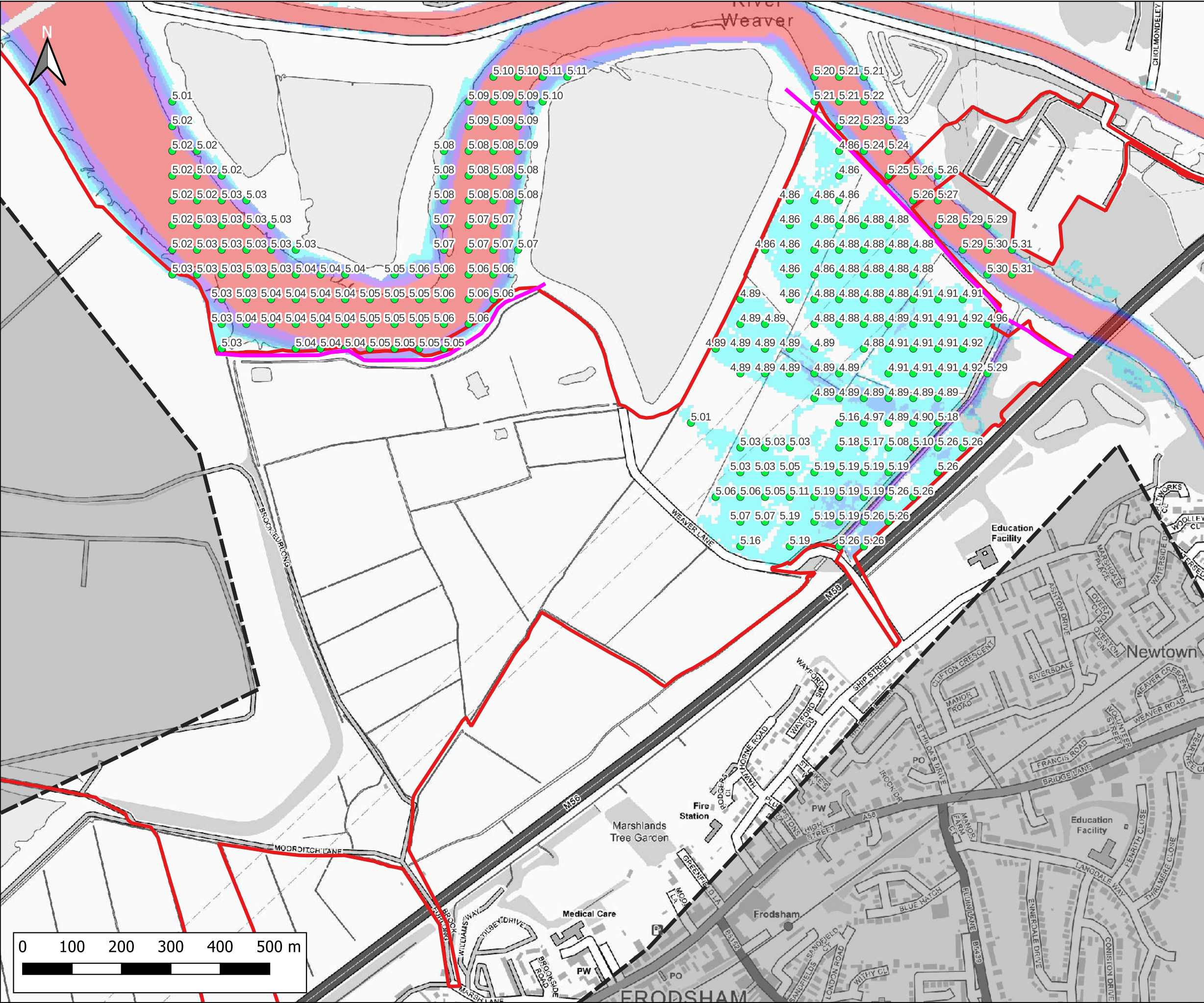
River Mersey Maximum Flood Water Level
0.1% AEP Tidal Event
2024 Higher Central
Breach 1 Proposed Development Scenario (DEV)

PLOT STATUS:		DATE:	
FINAL		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_h_Max	-

River Weaver Water Level Mapping



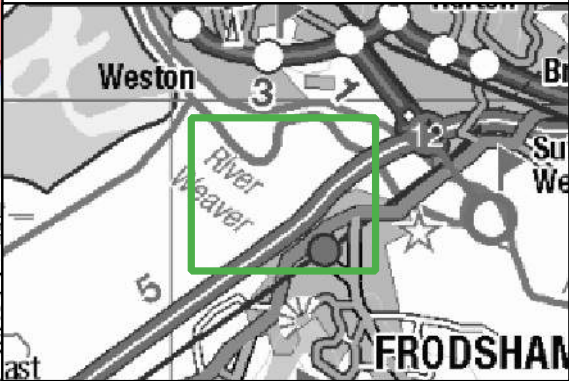
Notes:
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LEGEND

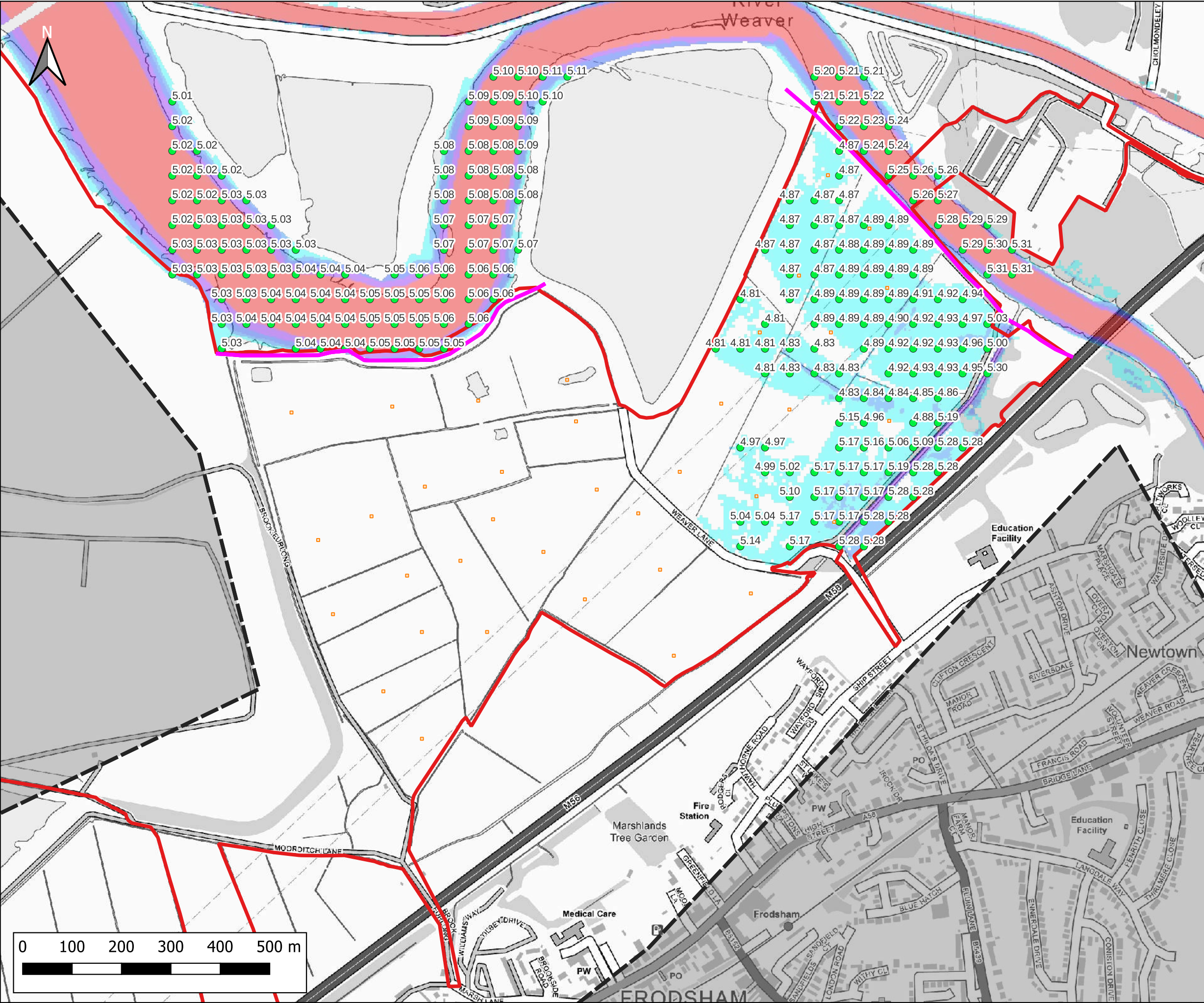
- Site Boundary
- 2D Model Extent
- River Weaver Flood Defences
- Maximum Water Level (m AOD)

Maximum Flood Depth

- <- 0.3m
- 0.3m - 0.6m
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CLIENT:			
Frodsham Solar Ltd			
 www.waterco.co.uk			
SCHEME:			
Frodsham Solar			
PLOT TITLE:			
River Weaver Maximum Flood Water Level 1% AEP Fluvial Event MWHS Tidal Event Defended Existing Scenario (EXG)			
PLOT STATUS:			DATE:
FINAL			30-04-2025
DRAWN:	CHECKED:	APPROVED:	PLOT SCALE AT A3:
MH	AP	LS	1:7500
PLOT NAME:			REVISION:
14740_LW_DEF_EXG_Q100_M(LOW)_ME(MHWS)_052_h_Max			-



Notes:
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LEGEND

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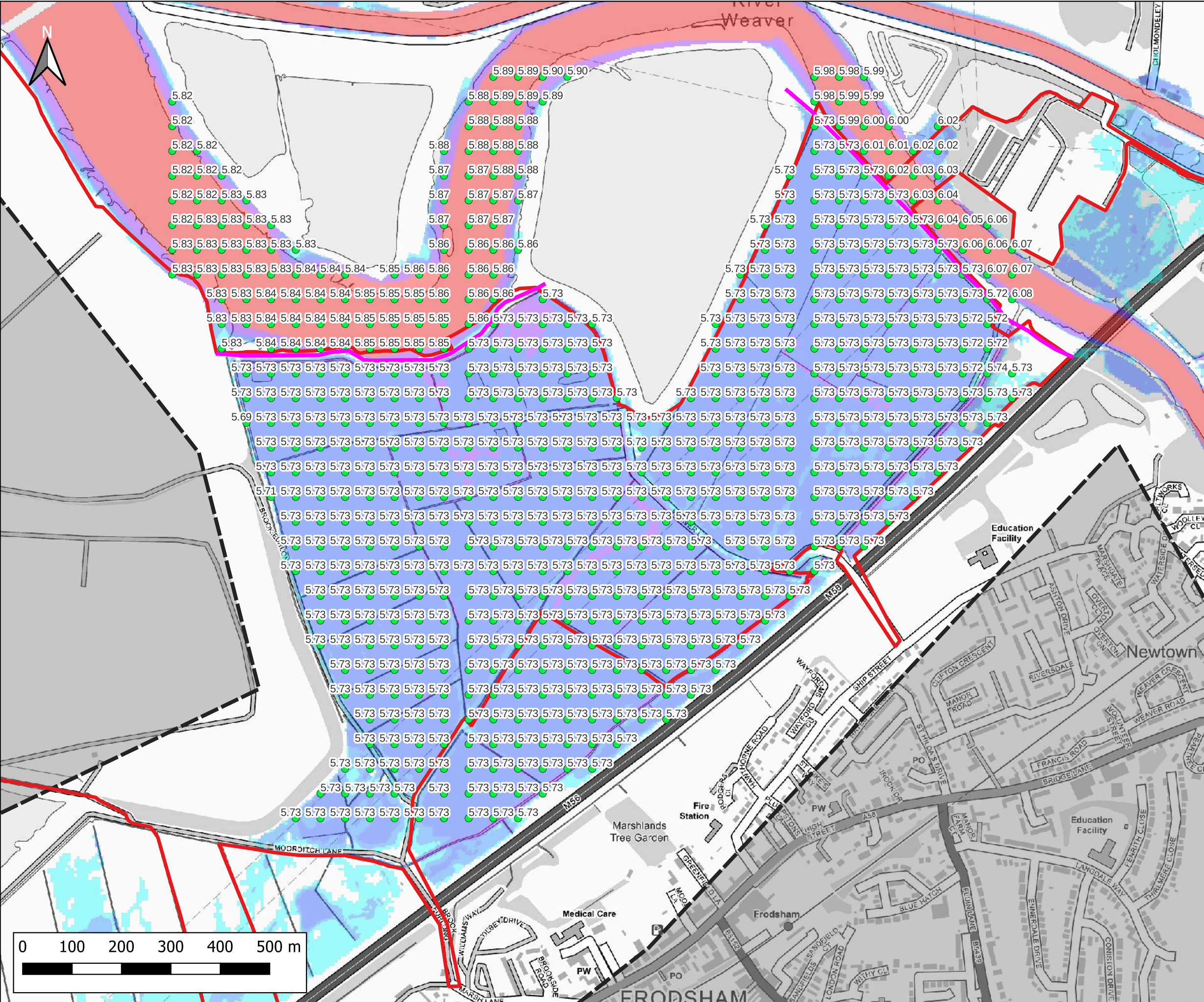
PLOT TITLE:

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

PLOT STATUS:		DATE:	
FINAL		30-04-2025	

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

PLOT NAME:	REVISION:
14740_LW_DEF_DEV2_Q100_M(LOW)_ME(MHWS)_052_h_Max	-



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

LEGEND

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

Maximum Flood Depth

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

CLIENT:

Frodsham Solar Ltd

www.waterco.co.uk

SCHEME:

Frodsham Solar

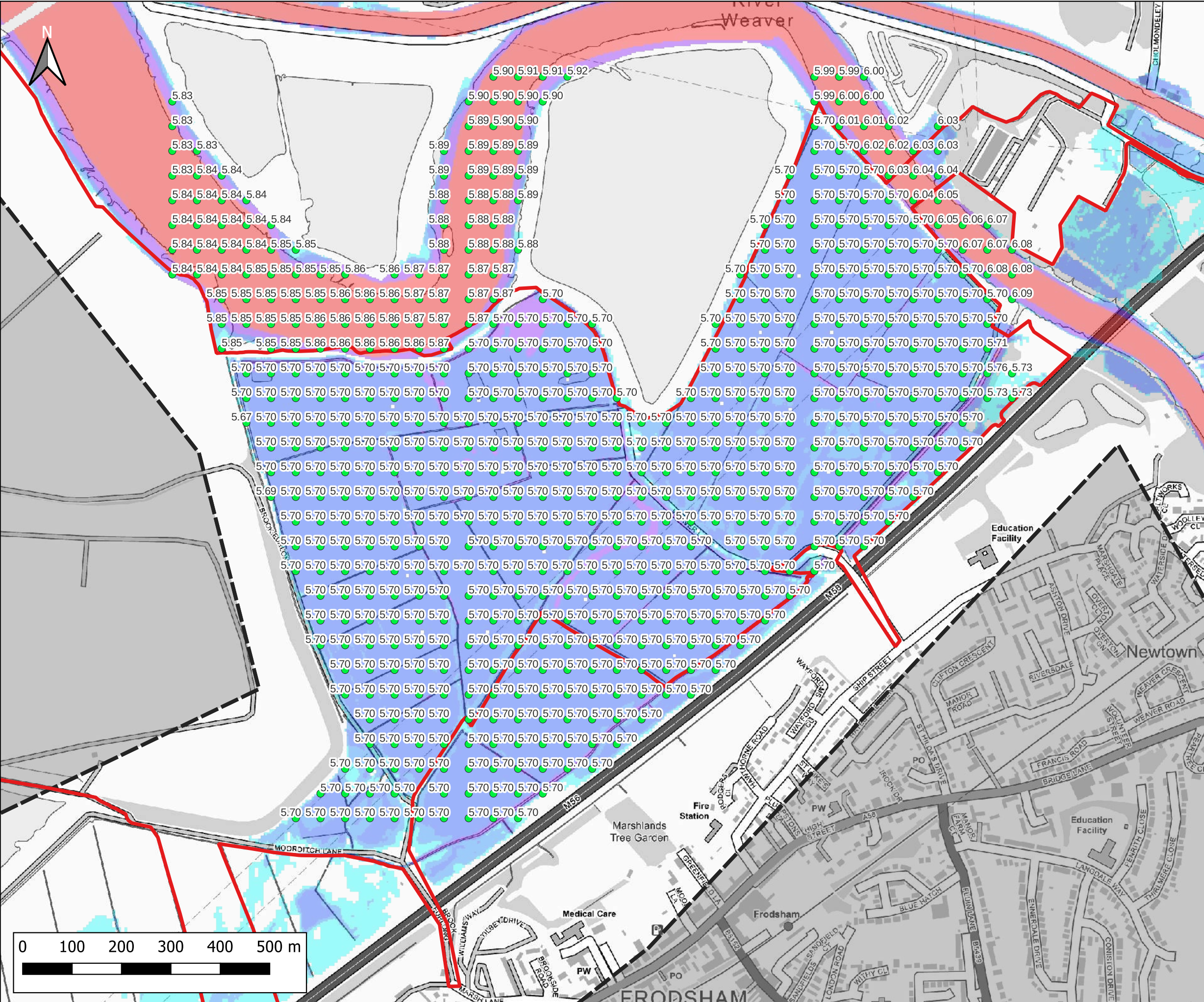
PLOT TITLE:

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

PLOT STATUS:		DATE:	
FINAL		30-04-2025	

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

PLOT NAME:	REVISION:
14740_LW_DEF_EXG_Q100CC67_M(LOW)_ME(MHWS)CC_052_h_Max	-



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

LEGEND

Site Boundary

2D Model Extent

Maximum Water Level (m AOD)

Maximum Flood Depth

< 0.3m

0.3m - 0.6m

0.6m - 1.2m

1.2m - 2.4m

> 2.4m

CLIENT:

Frodsham Solar Ltd

www.waterco.co.uk

SCHEME:

Frodsham Solar

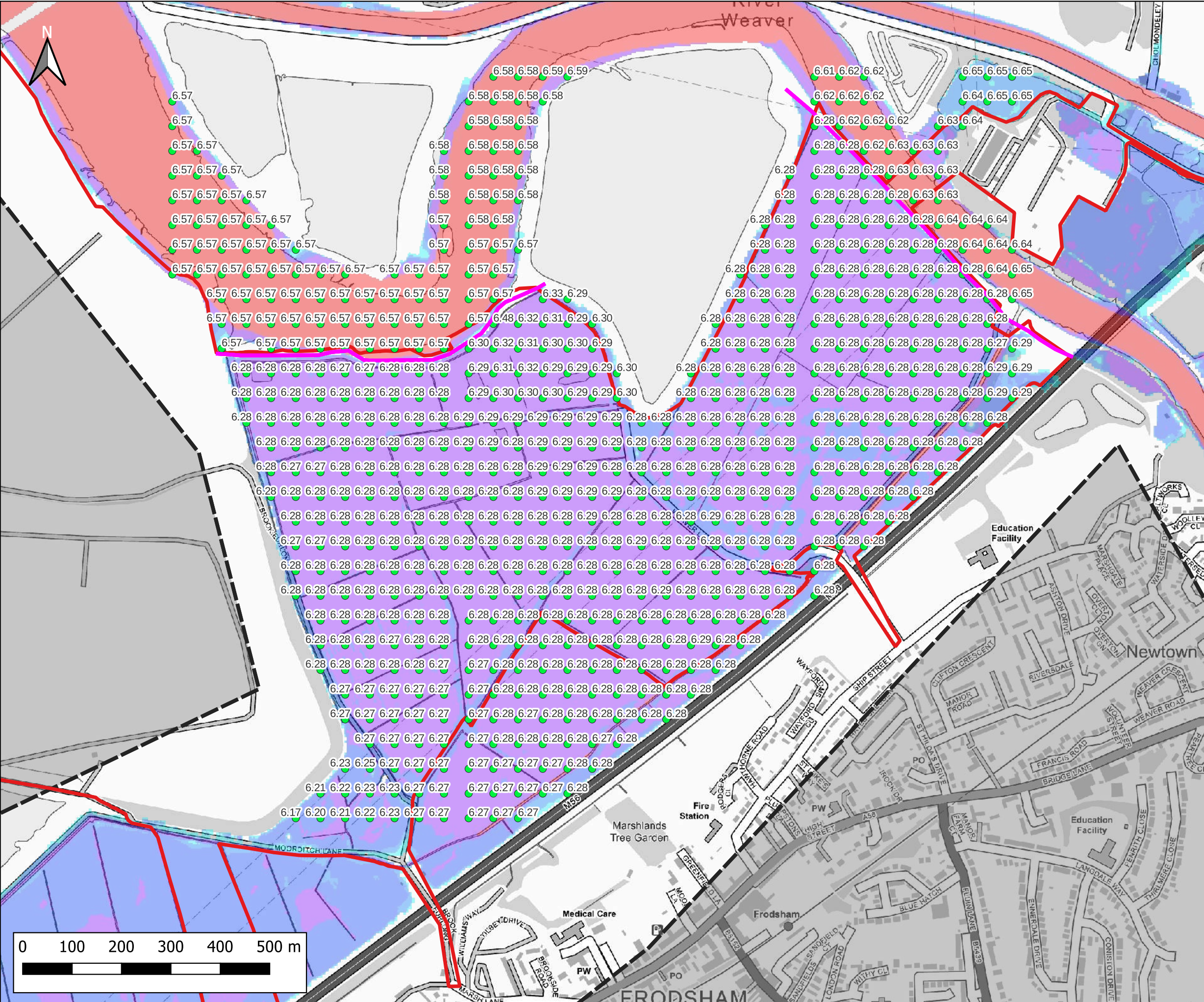
PLOT TITLE:

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

PLOT STATUS:		DATE:	
FINAL		30-04-2025	

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

PLOT NAME:	REVISION:
14740_LW_DEF_DEV2_Q100CC67_M(Low)_ME(MHWSCC)_052_h_Max	-



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

LEGEND

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

Maximum Flood Depth

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

CLIENT:

Frodsham Solar Ltd

www.waterco.co.uk

SCHEME:

Frodsham Solar

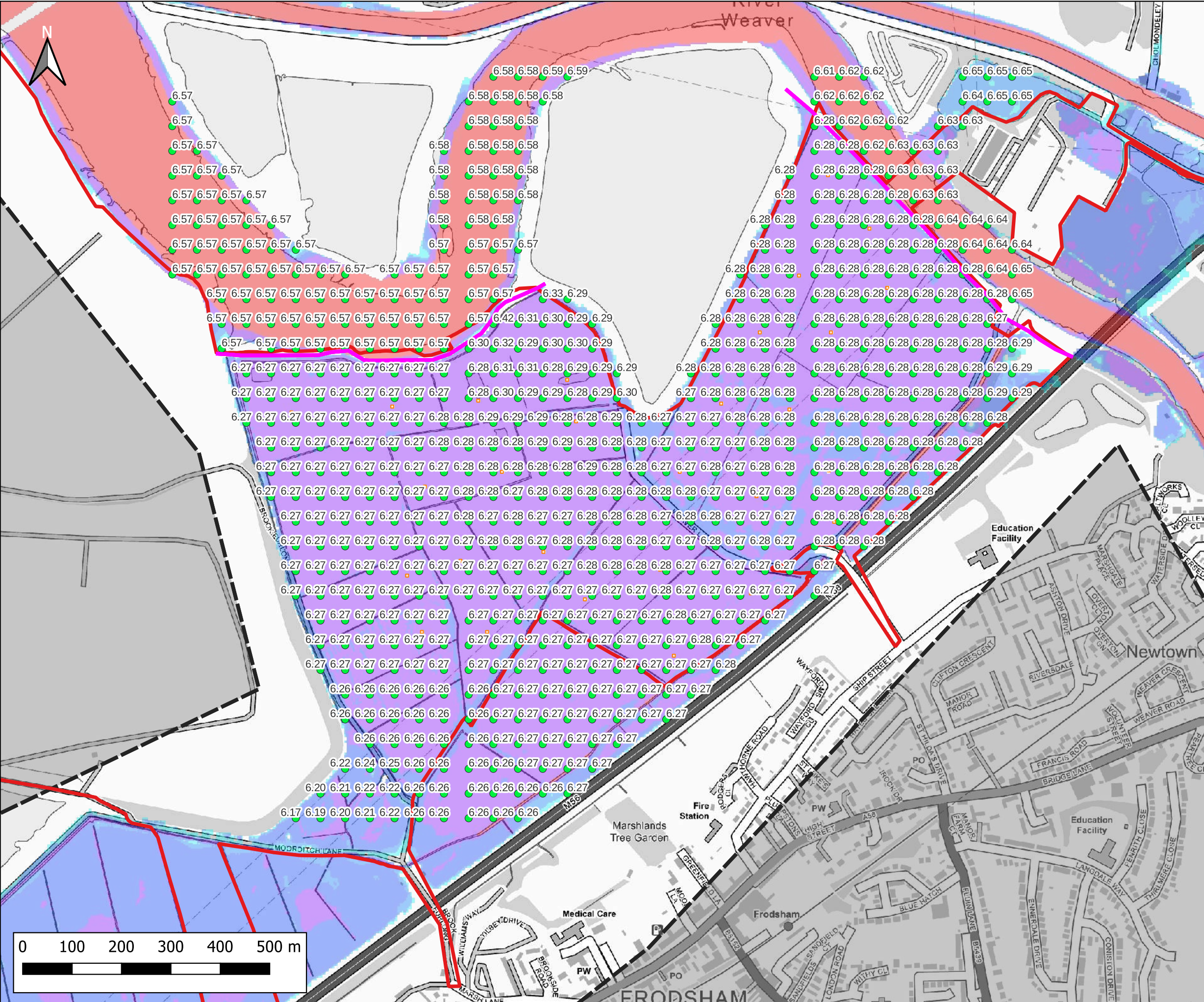
PLOT TITLE:

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

PLOT STATUS:			DATE:
FINAL			30-04-2025

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

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



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

LEGEND

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

Maximum Flood Depth

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

CLIENT:

Frodsham Solar Ltd

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SCHEME:

Frodsham Solar

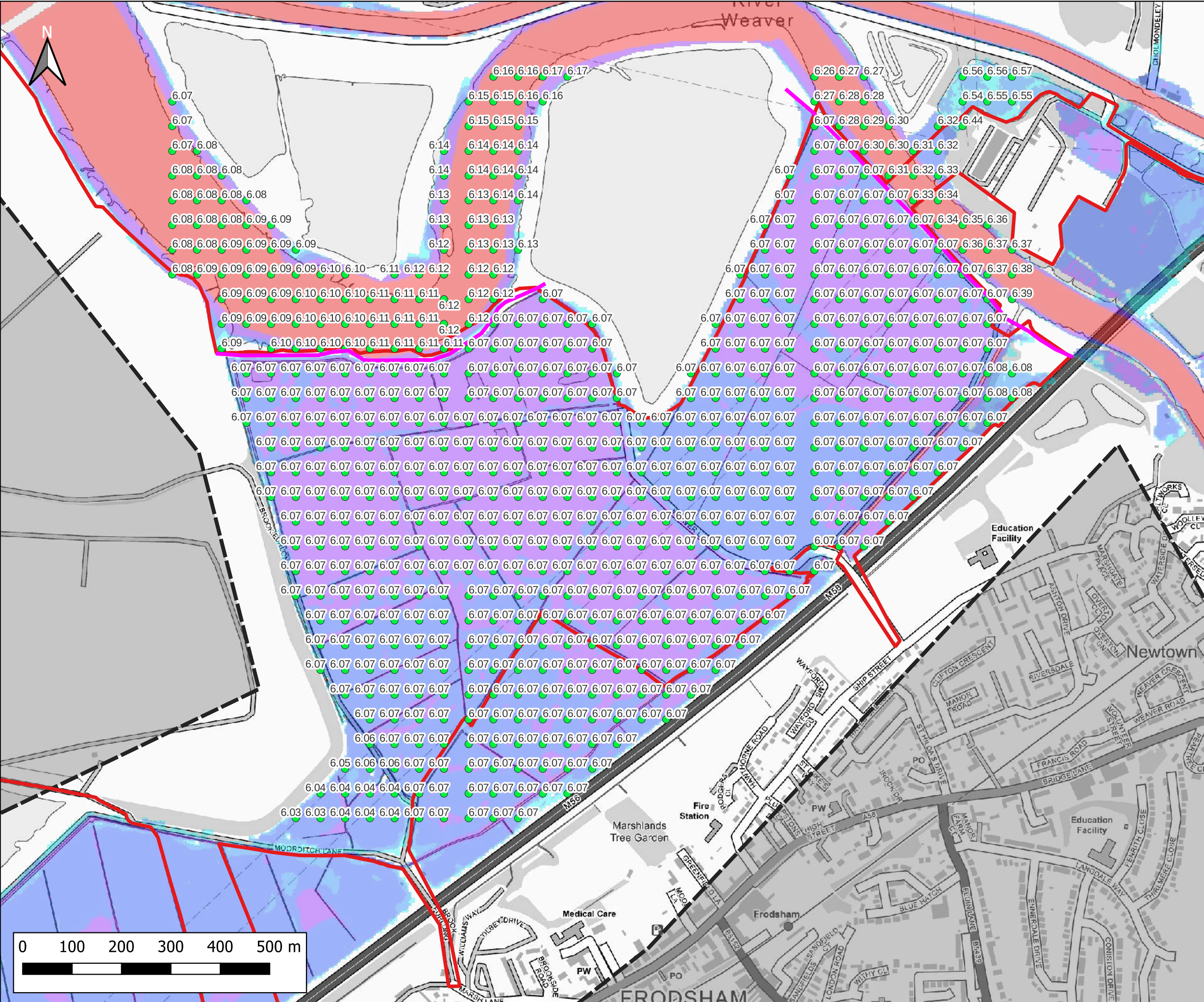
PLOT TITLE:

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

PLOT STATUS:			DATE:
FINAL			30-04-2025

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

PLOT NAME:	REVISION:
14740_LW_DEF_DEV2_Q100CC67_M(LOW)_ME(T200HC_2075UE)_052_h_Max	-



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

LEGEND

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

Maximum Flood Depth

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

CLIENT:

Frodsham Solar Ltd

www.waterco.co.uk

SCHEME:

Frodsham Solar

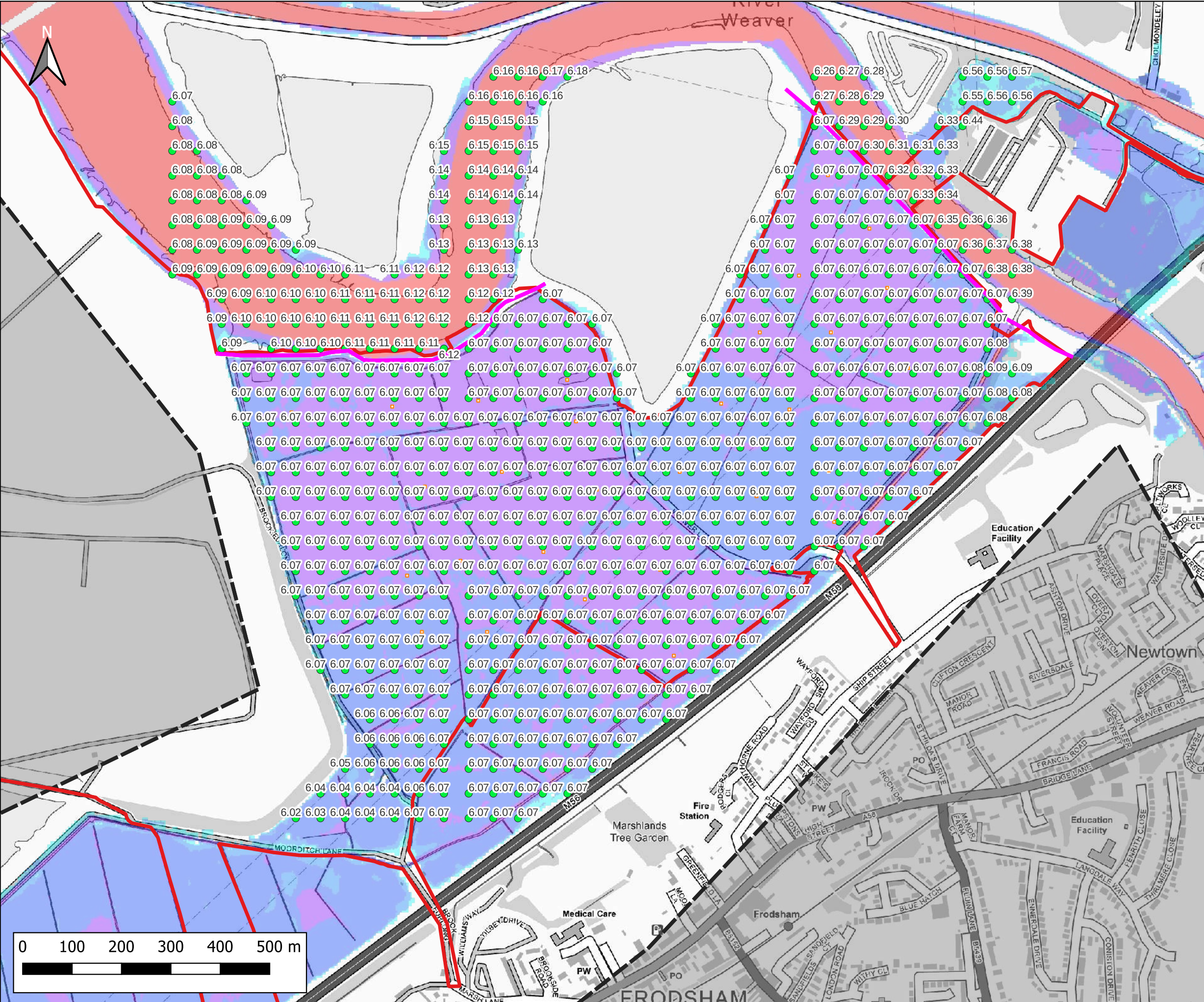
PLOT TITLE:

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

PLOT STATUS:		DATE:	
FINAL		30-04-2025	

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

PLOT NAME:	REVISION:
14740_LW_DEF_EXG_Q100CC106_M(Low)_ME(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
- Maximum Water Level (m AOD)

Maximum Flood Depth

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

CLIENT:

Frodsham Solar Ltd

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SCHEME:

Frodsham Solar

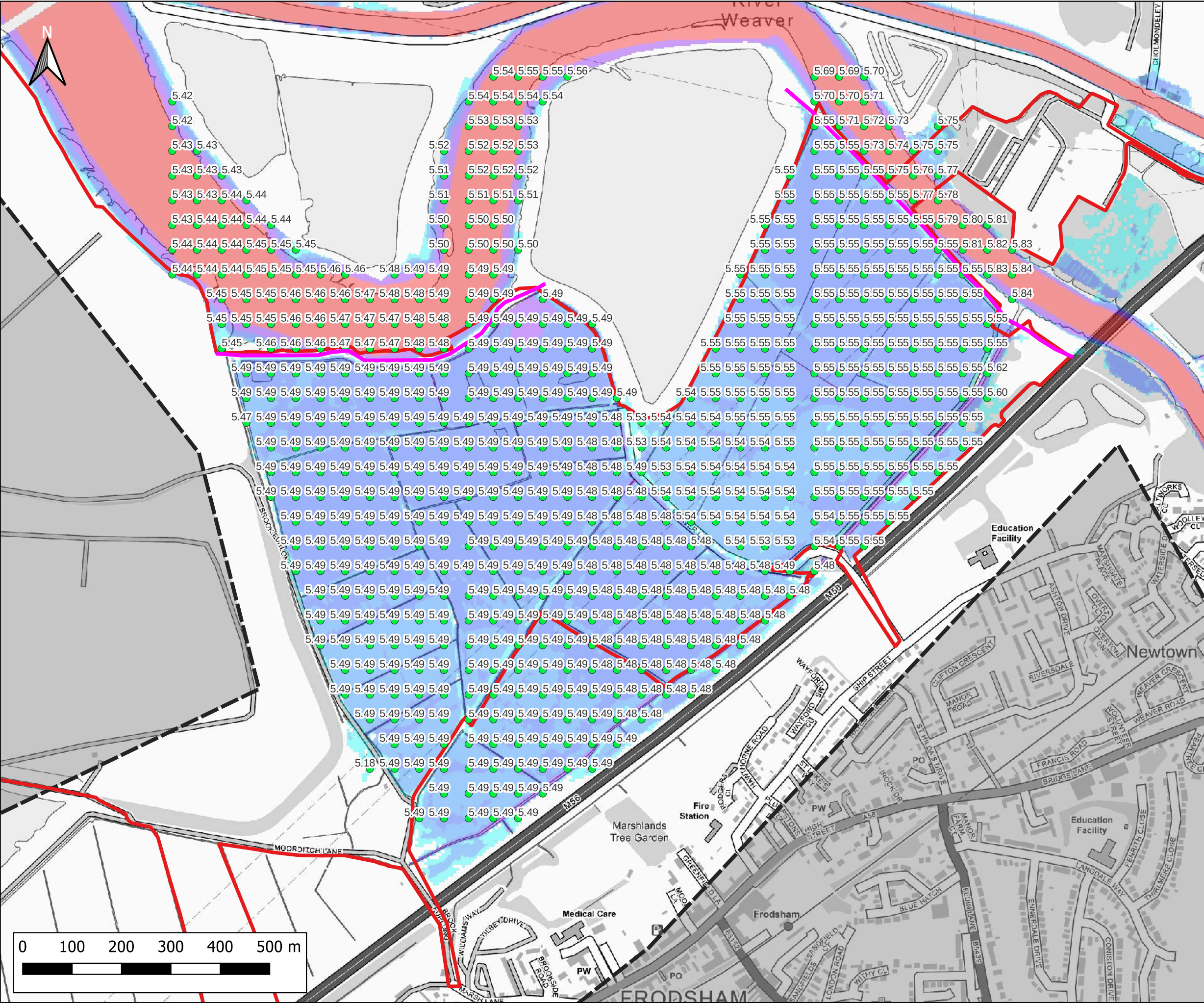
PLOT TITLE:

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

PLOT STATUS:		DATE:	
FINAL		30-04-2025	

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

PLOT NAME:	REVISION:
14740_LW_DEF_DEV2_Q100CC106_M(LOW)_ME(MHWSCC)_052_h_Max	-



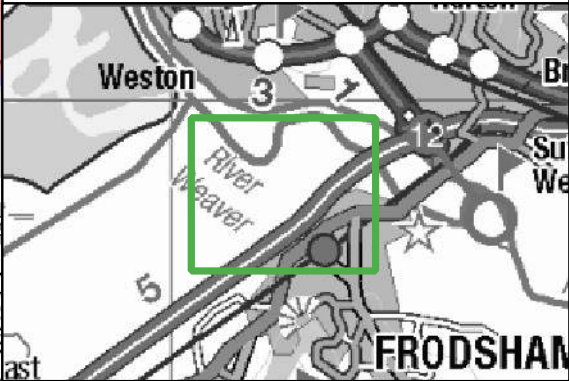
Notes:
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise


LEGEND

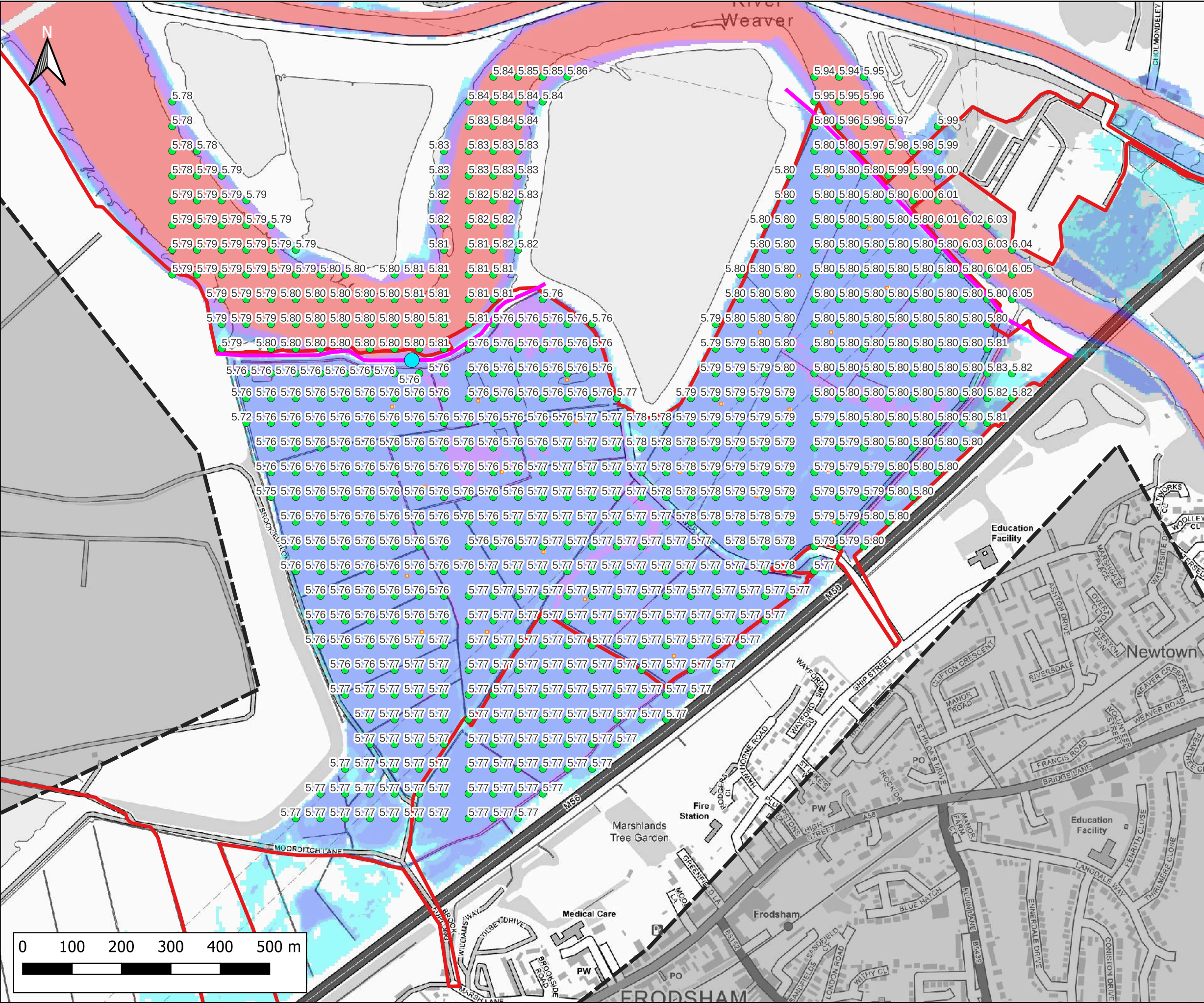
- Site Boundary
- 2D Model Extent
- River Weaver Flood Defences
- Maximum Water Level (m AOD)

Maximum Flood Depth

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



CLIENT:			
Frodsham Solar Ltd			
 www.waterco.co.uk			
SCHEME:			
Frodsham Solar			
PLOT TITLE:			
River Weaver Maximum Flood Water Level 0.1% AEP Fluvial Event MWHS Tidal Event Defended Existing Scenario (EXG)			
PLOT STATUS:			DATE:
FINAL			30-04-2025
DRAWN:	CHECKED:	APPROVED:	PLOT SCALE AT A3:
MH	AP	LS	1:7500
PLOT NAME:			REVISION:
14740_LW_DEF_EXG_Q1000_M(LOW)_ME(MHWS)_052_h_Max			-



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

LEGEND

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

Maximum Flood Depth

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

CLIENT:

Frodsham Solar Ltd

www.waterco.co.uk

SCHEME:

Frodsham Solar

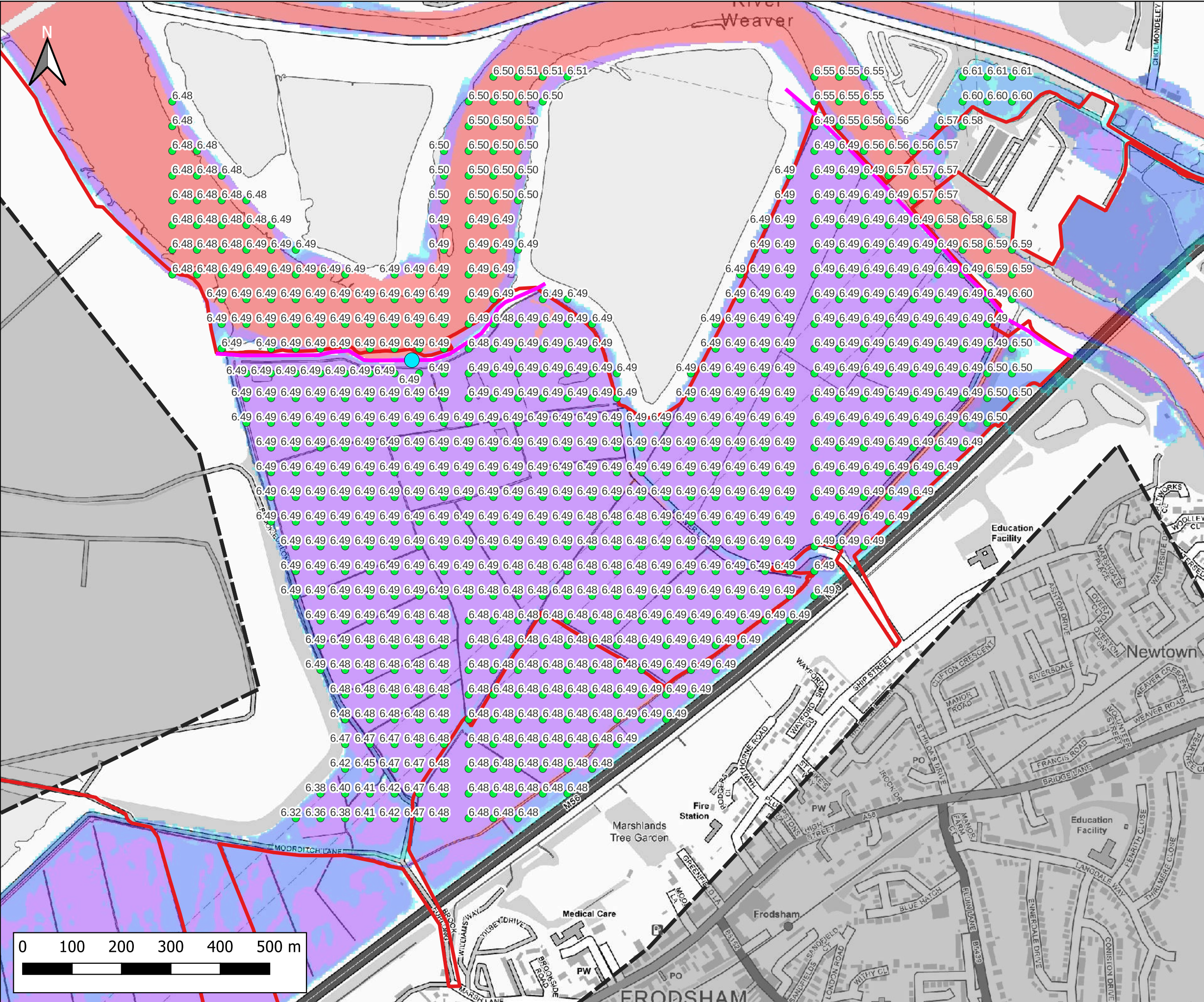
PLOT TITLE:

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

PLOT STATUS:		DATE:	
FINAL		30-04-2025	

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

PLOT NAME:	REVISION:
14740_LW_BR1_DEV2_Q100CC67_M(L)W_ME(MHWS)CC_052_h_Max	-



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

LEGEND

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

Maximum Flood Depth

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

CLIENT:

Frodsham Solar Ltd

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SCHEME:

Frodsham Solar

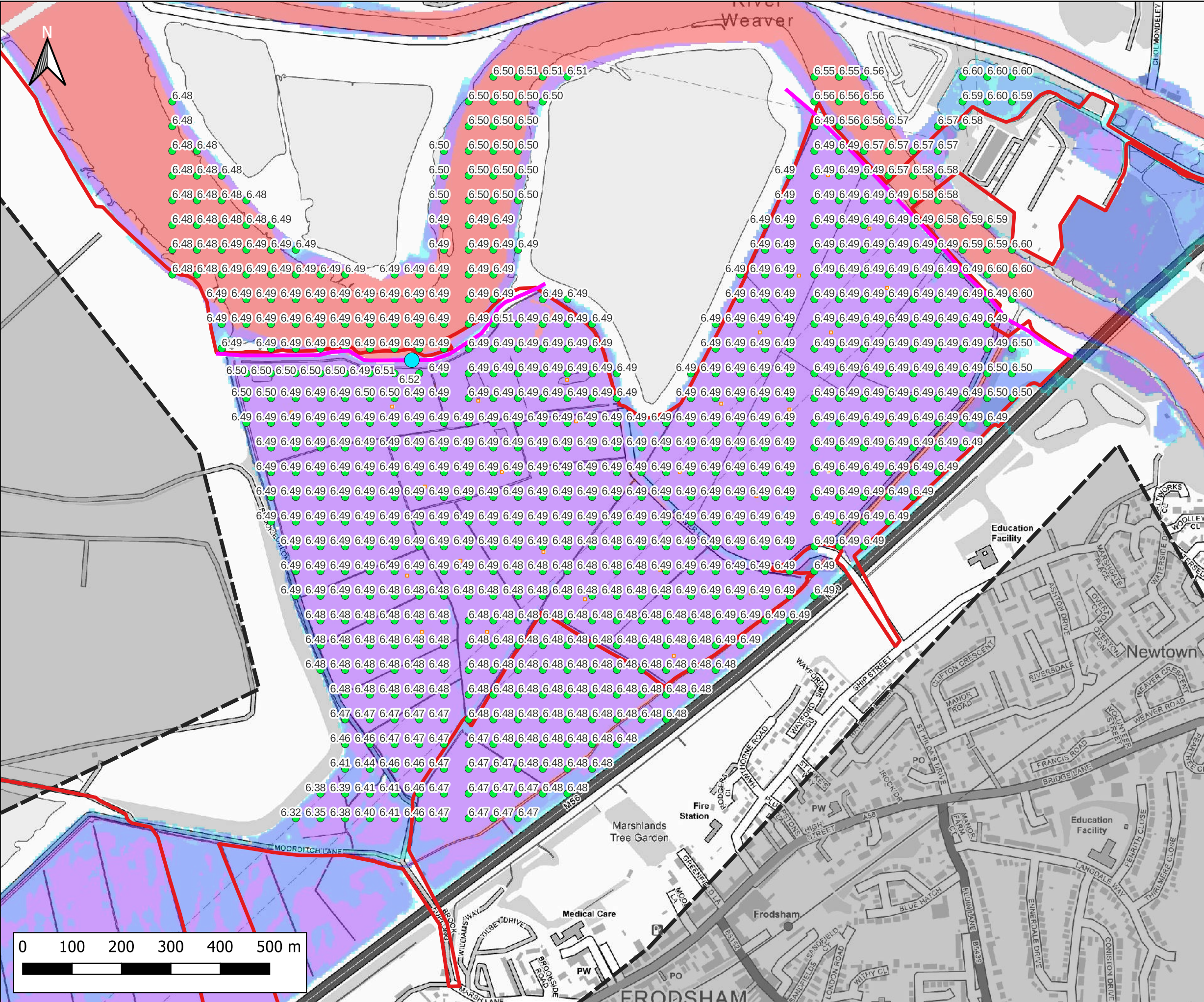
PLOT TITLE:

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

PLOT STATUS:			DATE:
FINAL			30-04-2025

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

PLOT NAME:	REVISION:
14740_LW_BR1_EXG_Q100CC67_M(LOW)_ME(T200HC_2075UE)_052_h_Max	-



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

LEGEND

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

Maximum Flood Depth

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

CLIENT:

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SCHEME:

Frodsham Solar

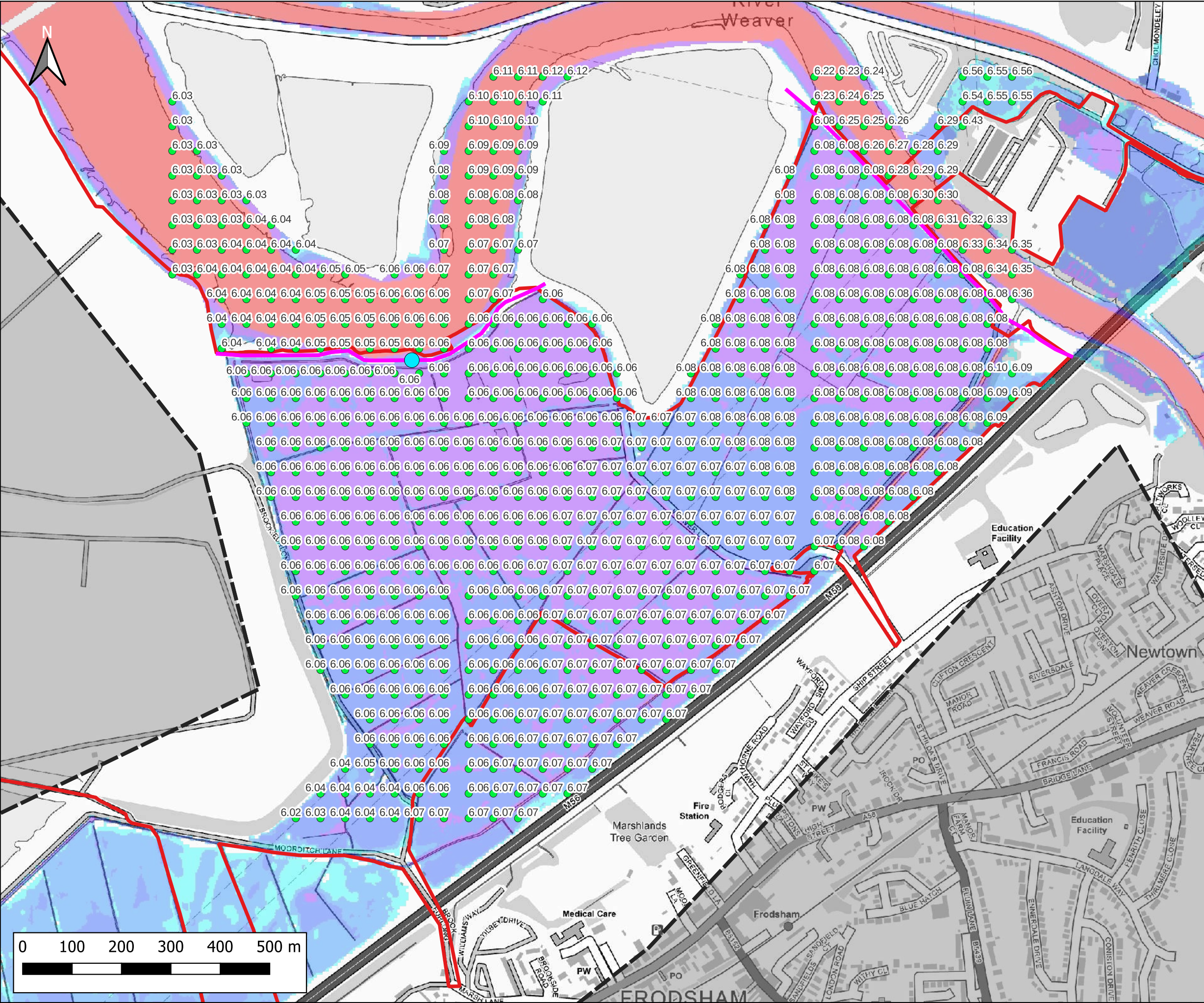
PLOT TITLE:

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

PLOT STATUS:			DATE:
FINAL			30-04-2025

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

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



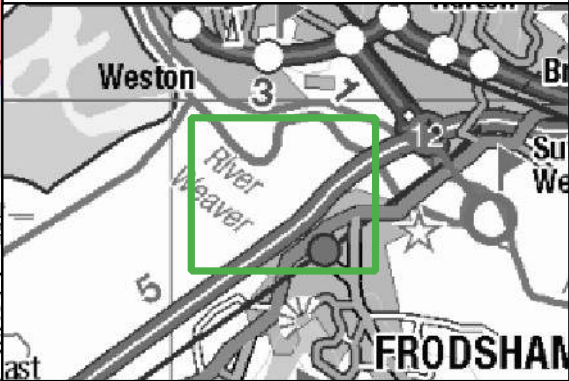
Notes:
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

LEGEND

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

Maximum Flood Depth

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



Frodsham Solar Ltd



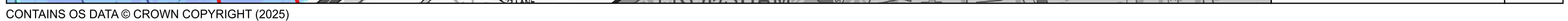
Frodsham Solar

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

PLOT STATUS: FINAL DATE: 30-04-2025

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






PLOT NAME: 14740_LW_BR1_EXG_Q100CC106_M(Low)_ME(MHWS)CC_052_h_Max REVISION: -





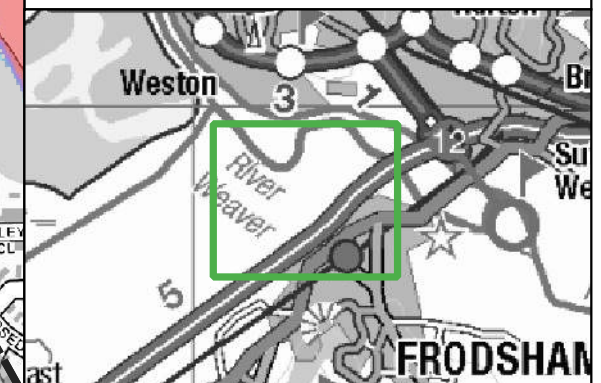
Notes:
1) All dimensions are in metres and all levels in metres above Ordnance Datum unless stated otherwise

LEGEND

-  Site Boundary
-  2D Model Extent
-  River Weaver Flood Defences
-  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
MWHS +CC Tidal Event
Breach 2 Existing Scenario (EXG)

PLOT STATUS:

FINAL

DATE:
30-04-2025

DRAWN:
MH

CHECKED:
AP

APPROVED:
LS

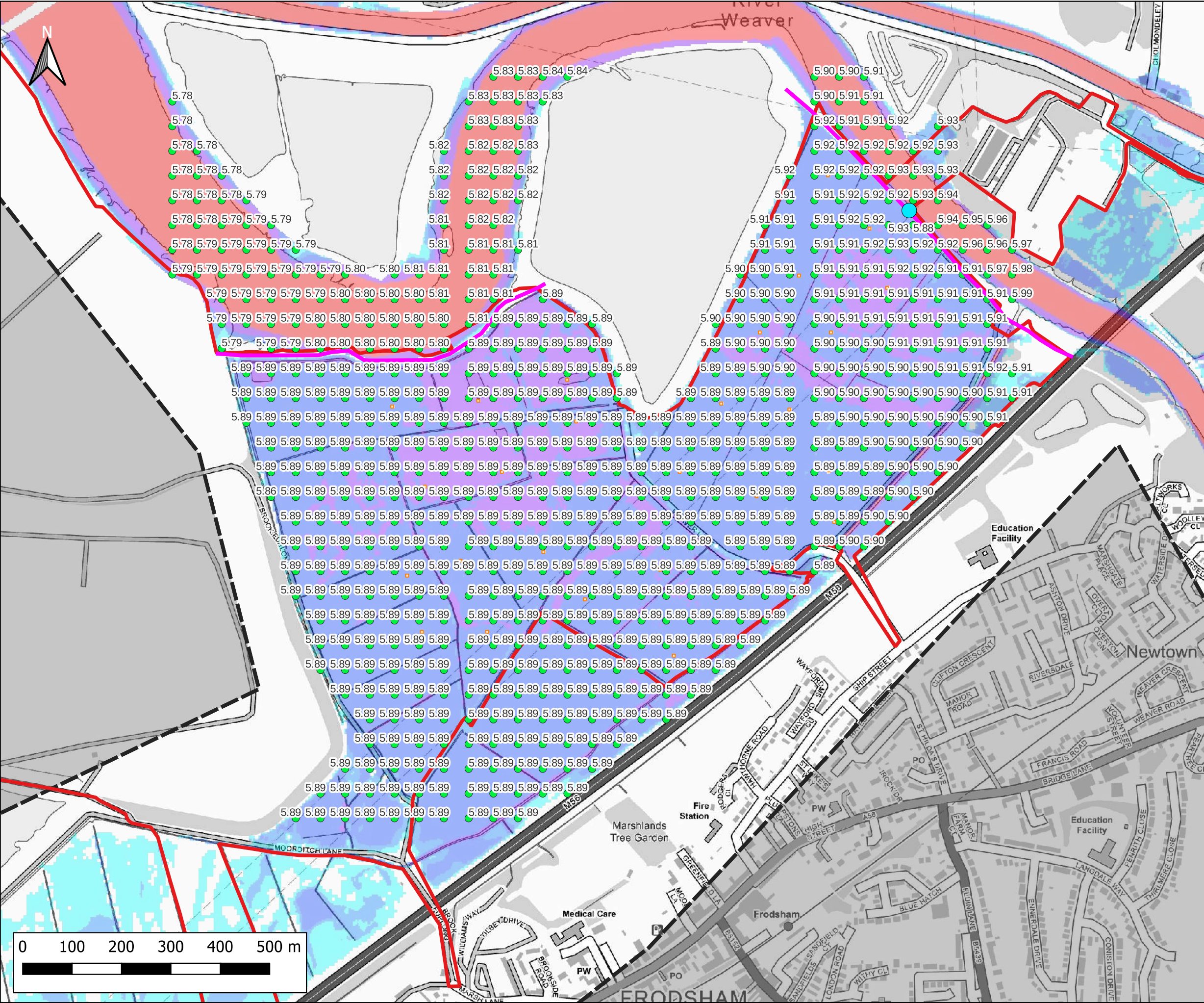
PLOT SCALE AT A3:
1:7500

PLOT NAME:

14740_LW_BR2_EXG_Q100CC67_M(LOW)_ME(MHWSCC)_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
- 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

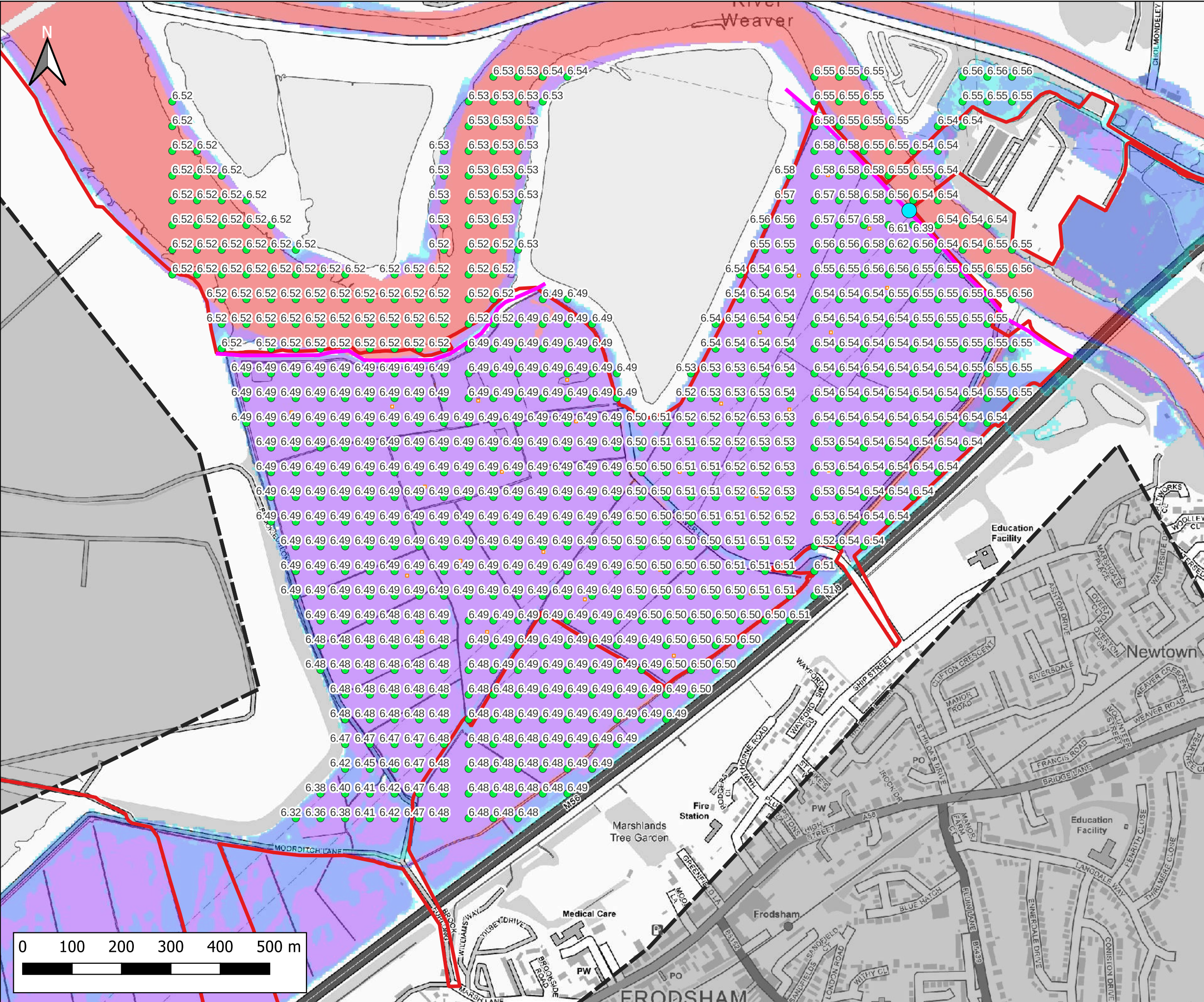
PLOT TITLE:

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

PLOT STATUS:		DATE:	
FINAL		30-04-2025	

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

PLOT NAME:	REVISION:
14740_LW_BR2_DEV2_Q100CC67_M(L)W_ME(MHWS)CC_052_h_Max	-



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

LEGEND

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

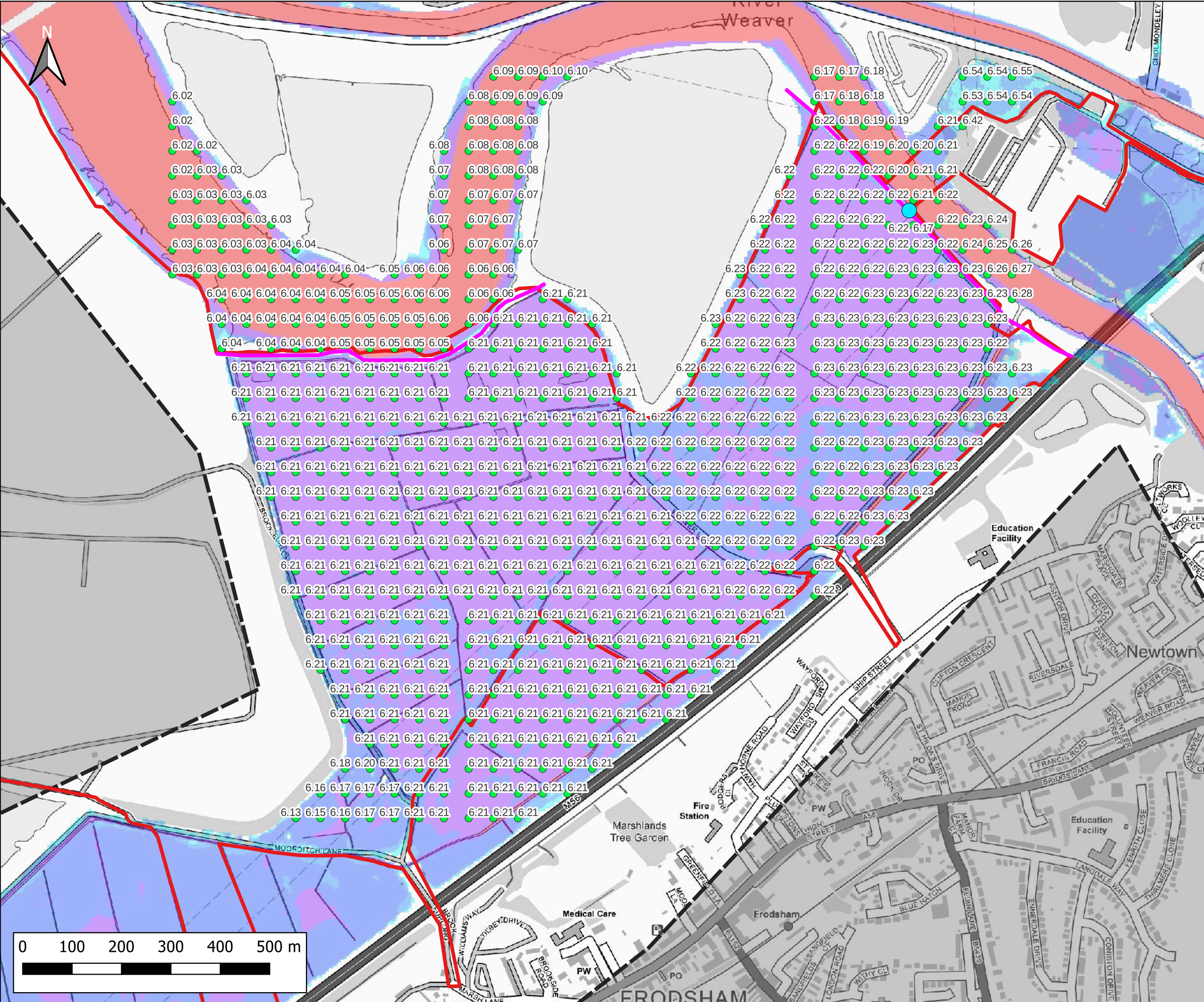
PLOT TITLE:

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

PLOT STATUS:		DATE:	
FINAL		30-04-2025	

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

PLOT NAME:	REVISION:
14740_LW_BR2_DEV2_Q100CC67_M(LOW)_ME(T200HC_2075UE)_052_h_Max	-



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

LEGEND

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

Maximum Flood Depth

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

CLIENT:

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SCHEME:

Frodsham Solar

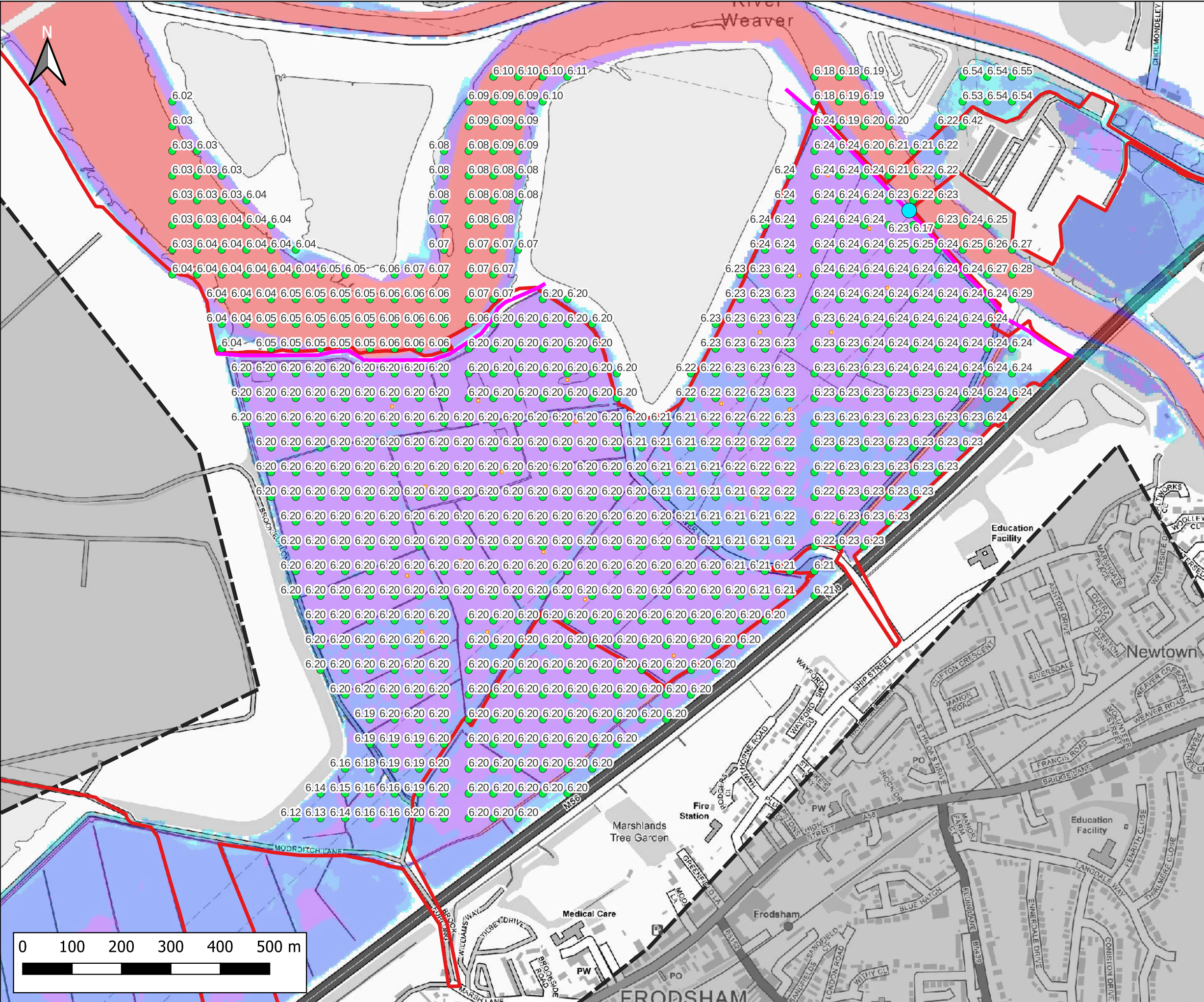
PLOT TITLE:

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

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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	-