



Meridian Solar Farm

EN010169

Volume 6

Environmental Statement

6.3 ES Appendix 11-3:
Flood Risk Assessment -
Annex D (Rev 1)

APFP Regulation 5(2)(a)

Infrastructure Planning (Applications:
Prescribed Forms and Procedure)
Regulations 2009

June 2026

Annex D - Figures

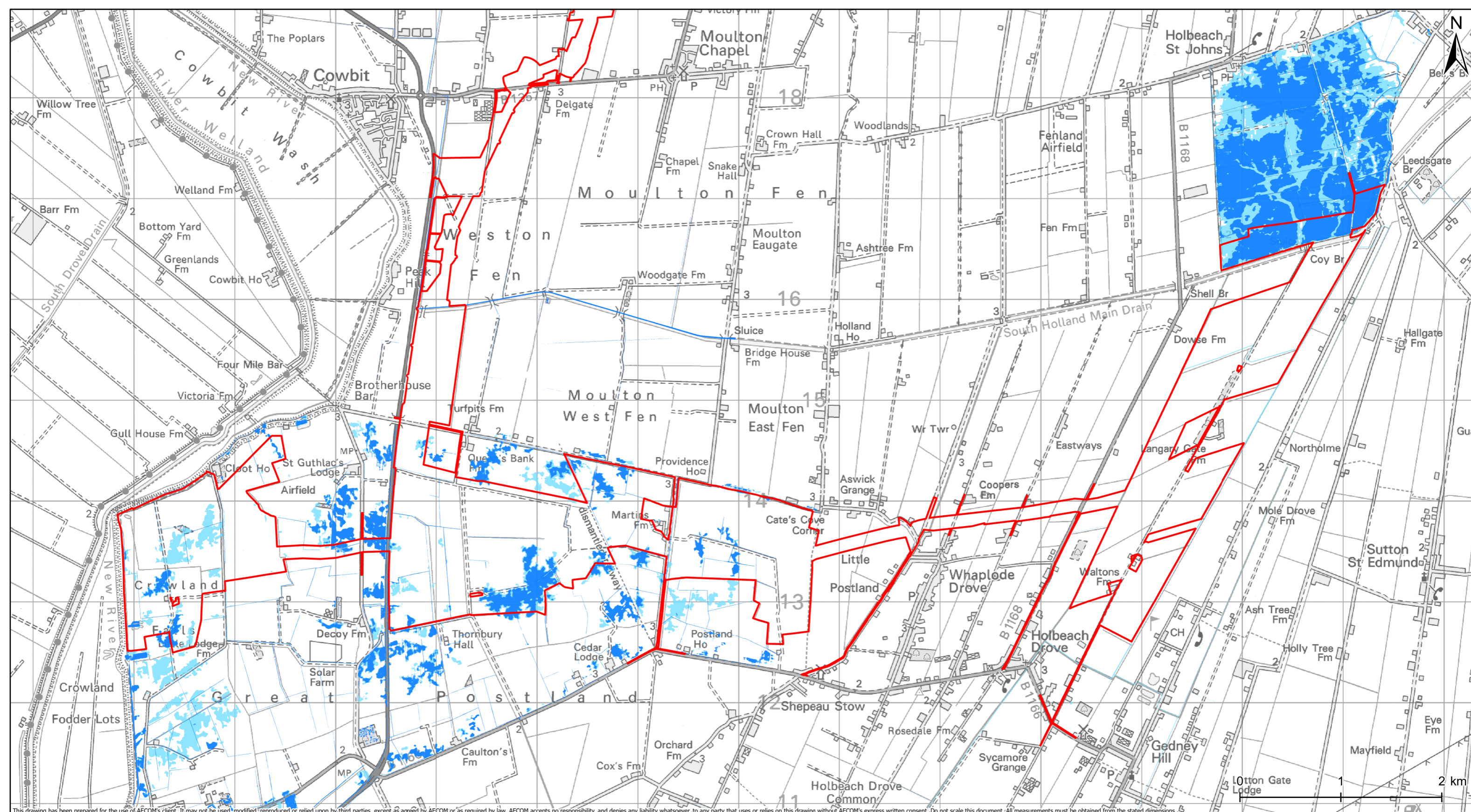
Figure 1-1: Flood Zones 3a and 3b

Figure 1-2: PV Panels Submerged Post-Mitigation of Increasing Heights

Figure 1-3: Solar Stations within Surface Water Flood Risk Areas

Figure 1-4: Illustration of Solar Panel Flood Mitigation Design Parameters

Figure 1-5: Illustration of Solar Station Flood Mitigation Design Parameters



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Project Title			
Meridian Solar Farm			
Map Title			
Environmental Statement Appendix 11-3 Figure 1-1: Flood Zones 3a and 3b			
Scale @ A3	Version	Drawn	Reviewed
1:35,000	0	LL	AK

Legend

- Order Limits
- Flood Zones within the Postland Catchment and the South Holland Main Drain
 - 3a
 - 3b

Date: 20/03/2026

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Project Title			
Meridian Solar Farm			
Map Title			
Environmental Statement Appendix 11-3 Figure 1-2: PV Panels Submerged Post-Mitigation of Increasing Panel Heights			
Scale @ A3	Version	Drawn	Reviewed
1:35,000	0	LL	AK

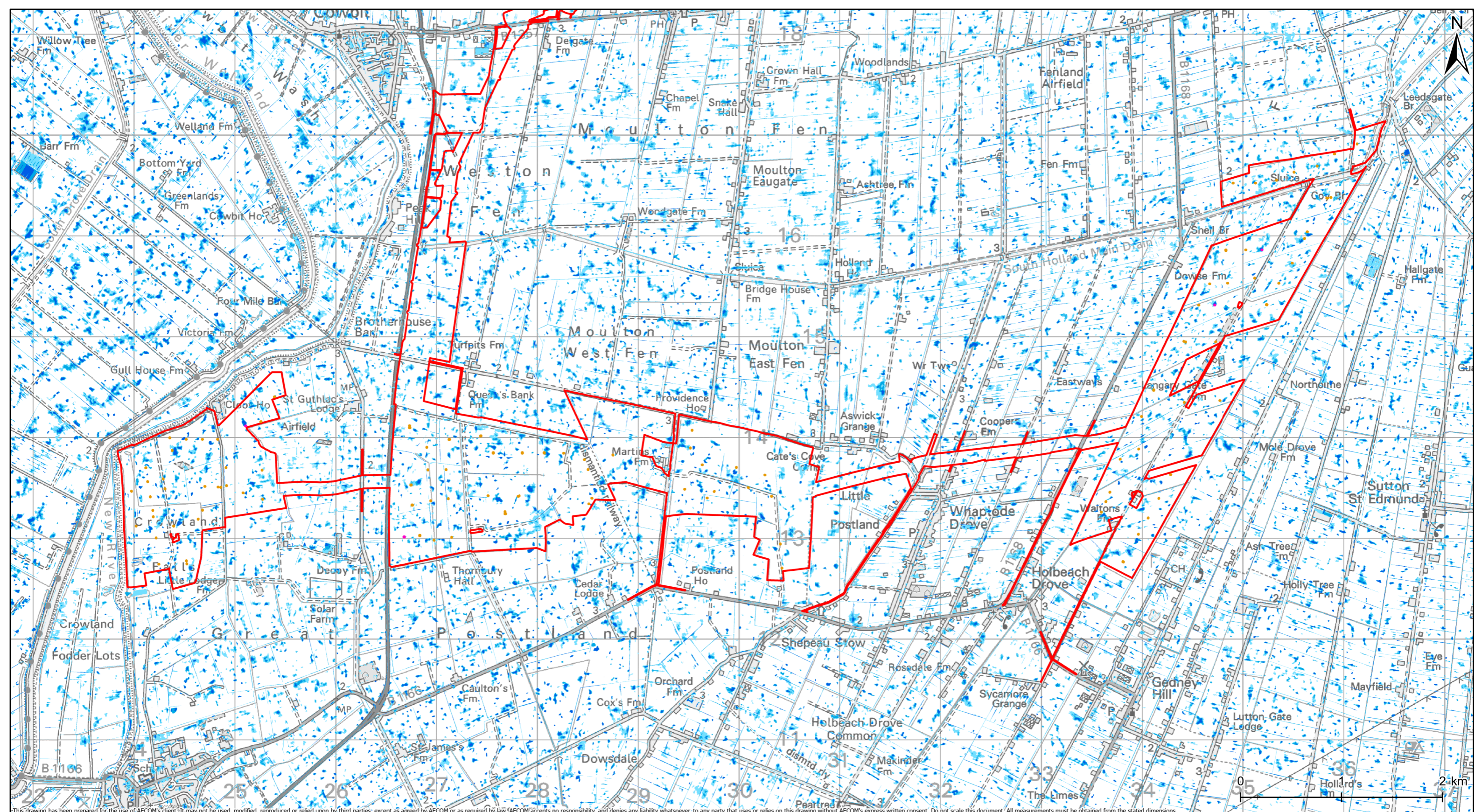
Legend

- Order Limits
- PV Panel submerged above a height of 2.05m
- PV Panel

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Project Title			
Meridian Solar Farm			
Map Title			
Environmental Statement Appendix 11-3 Figure 1-3: Solar Stations within Surface Water Flood Risk Areas			

Legend

- Order Limits
- Solar Station
- Solar Station intersecting with High Flood Risk

Risk of Flooding from Surface Water

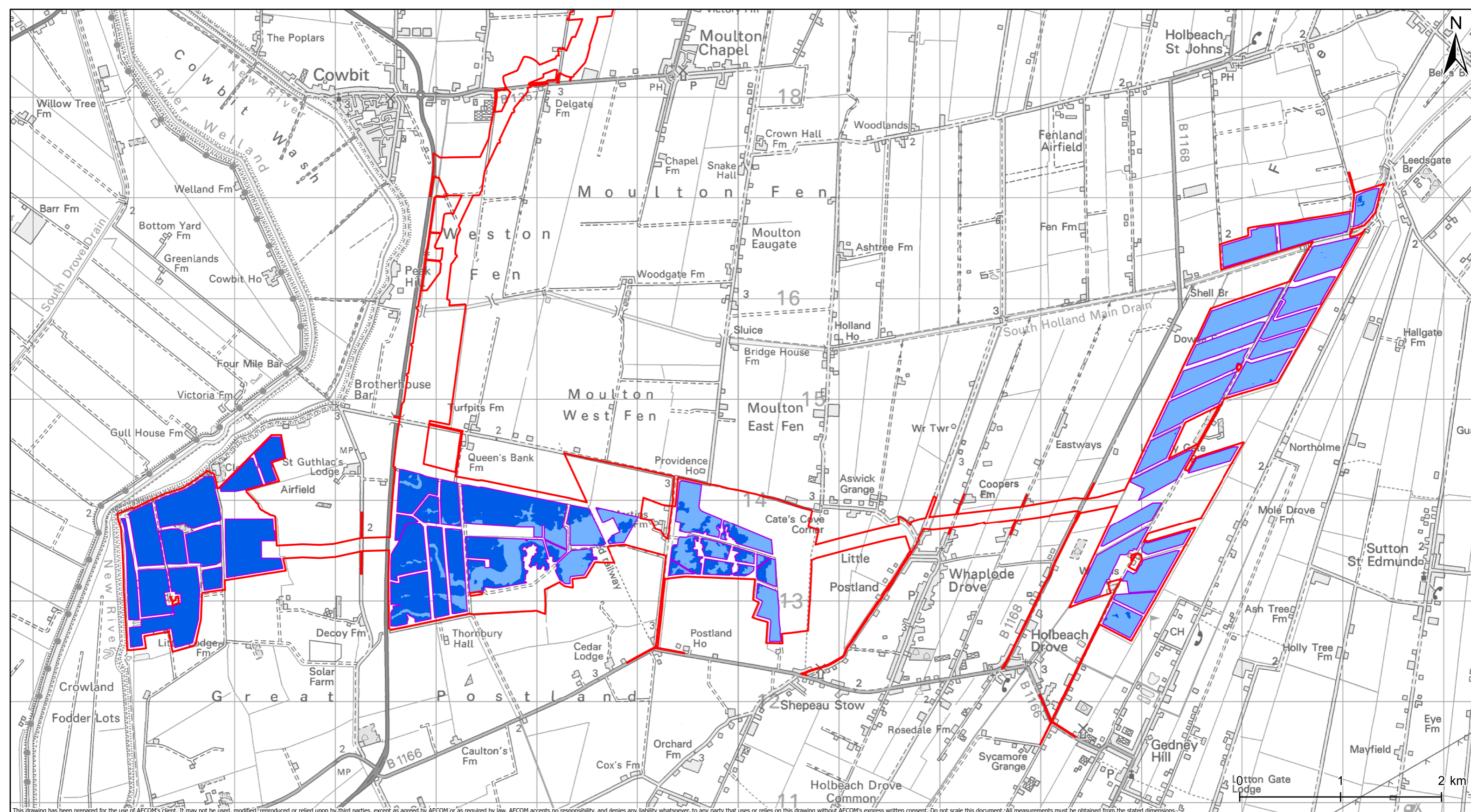
- High
- Medium
- Low

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Project Title			
Meridian Solar Farm			
Map Title			
Environmental Statement Appendix 11-3 Figure 1-4: Illustration of Solar Panel Flood Mitigation Design Parameters			
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Legend

- Order Limits
- Work Plan No. 1
- Band 1: Bottom of Panel Minimum 0.8m Above Ground
- Band 2: Bottom of Panel Above 0.8m and Up To 1.3m Above Ground

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Lincoln

Peterborough

Ely

0 50 km



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Project Title			
Meridian Solar Farm			
Map Title			
Environmental Statement Appendix 11-3 Figure 1-5: Illustration of Solar Station Flood Mitigation Design Parameters			
Scale @ A3	Version	Drawn	Reviewed
1:35,000	0	LL	AK

Legend	
	Order Limits
	Work Plan No. 1
	Band 1: No Solar Stations Allowed
	Band 2: Solar Stations to be Bunded
	Band 3: Solar Stations Requiring Plinths Up to a Height of 0.8m
	Band 4: Solar Stations Requiring Plinths Up to a Height of 1.35m
	Band 5: No Flood Mitigation Required

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