



Stonestreet Green Solar
ES Volume 3: Figures
Chapter 10: Water Environment
Figures 10.1 - 10.8

PINS Ref: EN010135

Doc Ref. 5.3

Version 1

June 2024

APFP Regulation 5(2)(a)

Planning Act 2008

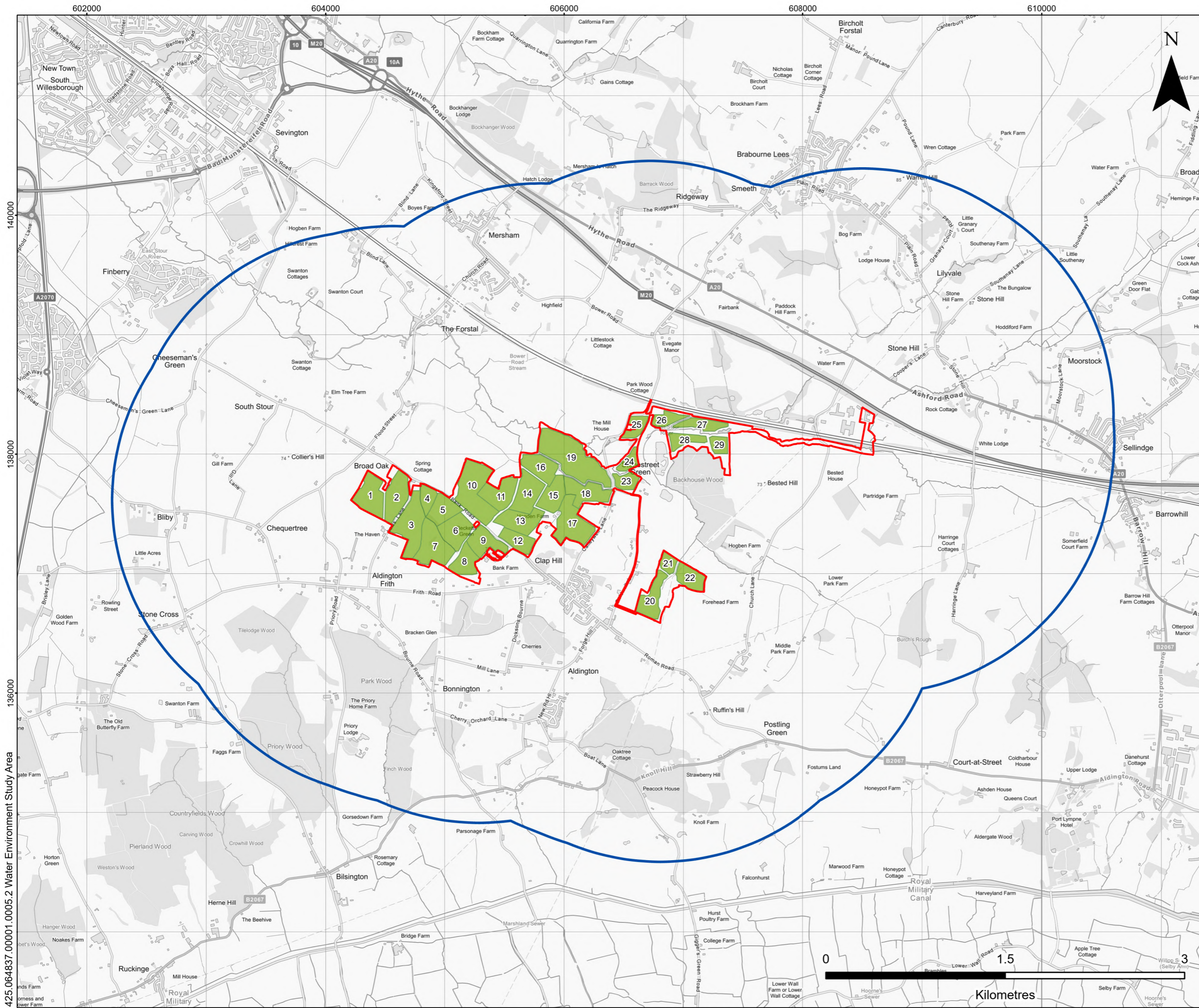
The Infrastructure Planning (Applications: Prescribed Forms and Procedure) Regulations 2009



5.3 Environmental Statement Volume 3 Figures

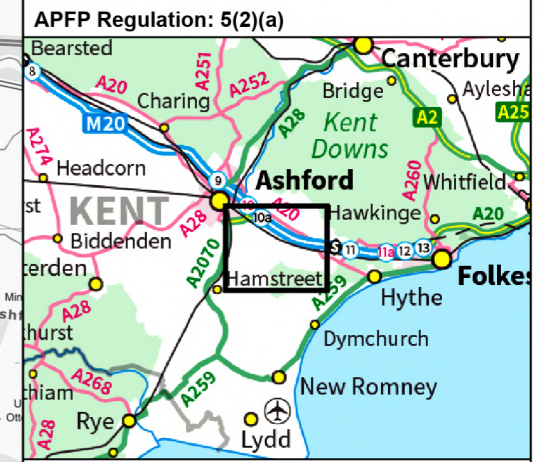
Chapter 10: Water Environment

Drawing Number	Revision	Drawing Title	Scale
425.064837.00001.0005.2	01	Figure 10.1: Water Environment Study Area	1:30,000 @ A3
425.064837.00001.0039.2	01	Figure 10.2: Local Topography	1:20,000 @ A3
425.064837.00001.0030.2	01	Figure 10.3: Local Hydrology	1:30,000 @ A3
425.064837.00001.0031.2	01	Figure 10.4: Flood Map for Planning	1:20,000 @ A3
425.064837.00001.0032.2	01	Figure 10.5: Superficial Geology	1:20,000 @ A3
425.064837.00001.0033.2	01	Figure 10.6: Bedrock Geology	1:20,000 @ A3
425.064837.00001.0040.2	01	Figure 10.7: Aquifer Characteristics	1:30,000 @ A3
425.064837.00001.0252.2	01	Figure 10.8: Delineation of Flood Zone 3a and 3b	1:20,000 @ A3



LEGEND

- Order limits
- Water Environment Study Area
- Field



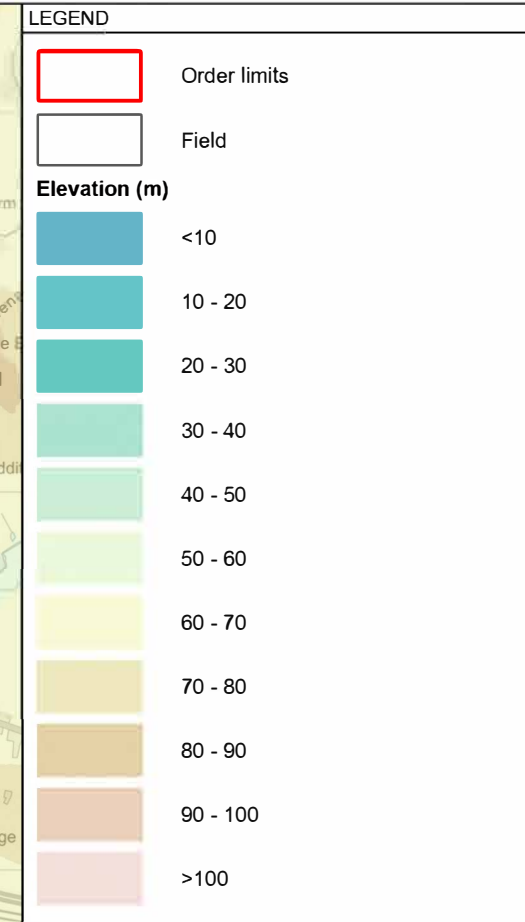
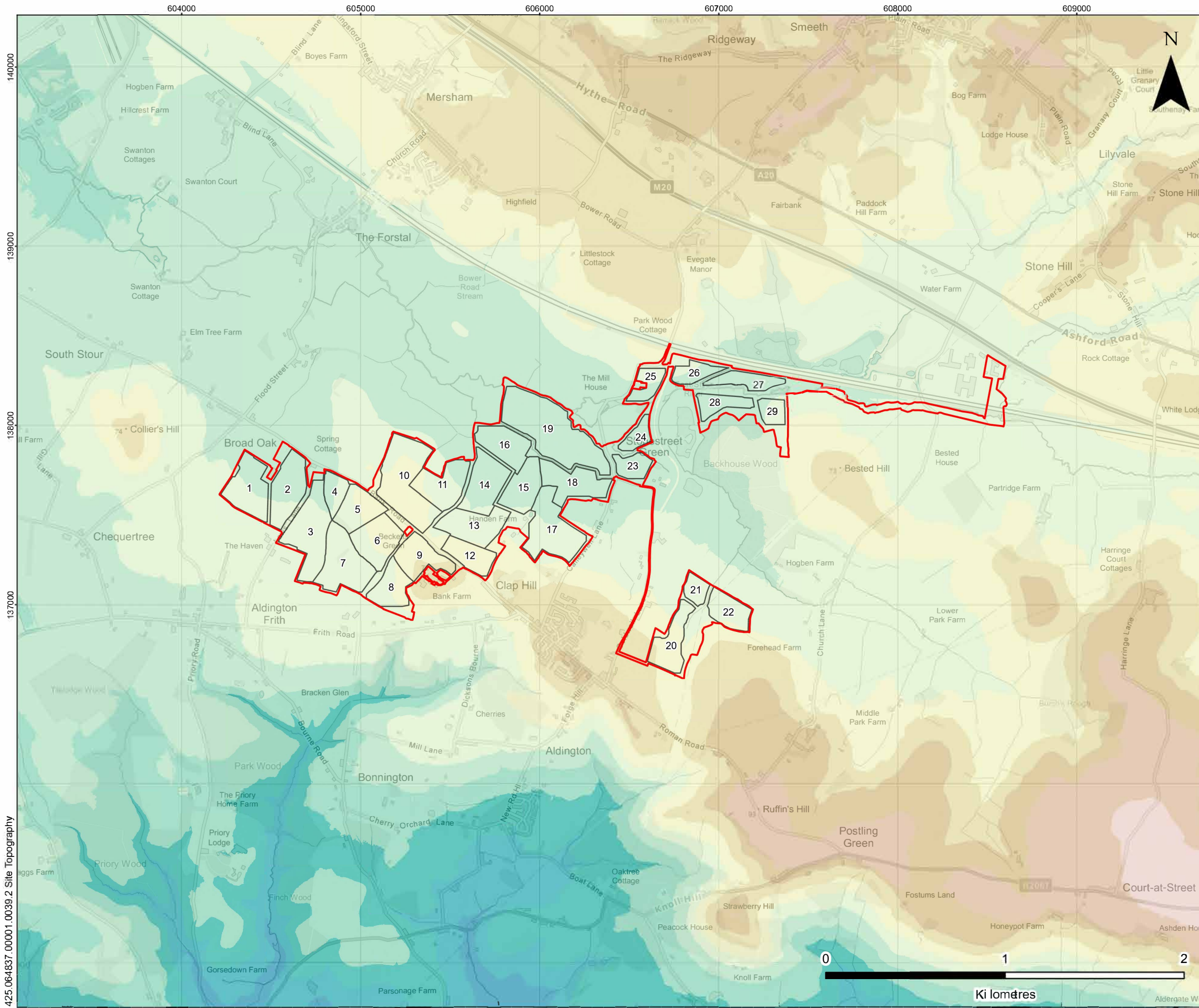
**STONESTREET GREEN SOLAR
ENVIRONMENTAL STATEMENT
WATER ENVIRONMENT STUDY AREA**

Figure 10.1

Scale 1:30,000 @ A3 Date MAY 2024



425.064837.00001.0005.2 Water Environment Study Area

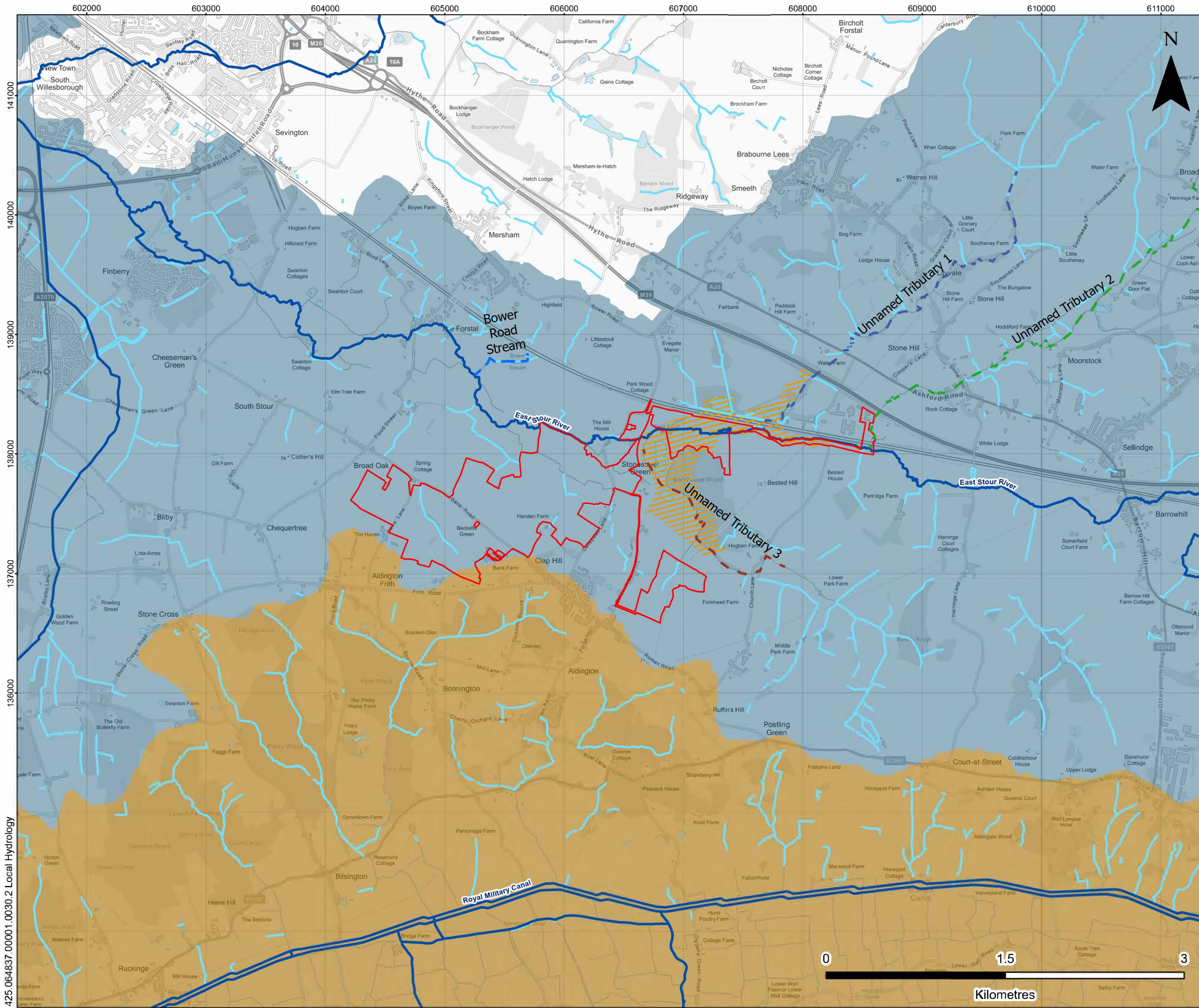


**STONESTREET GREEN SOLAR
ENVIRONMENTAL STATEMENT
LOCAL TOPOGRAPHY**

Figure 10.2

Scale 1:20,000 @ A3 Date MAY 2024

425.064837.00001.0039.2 Site Topography

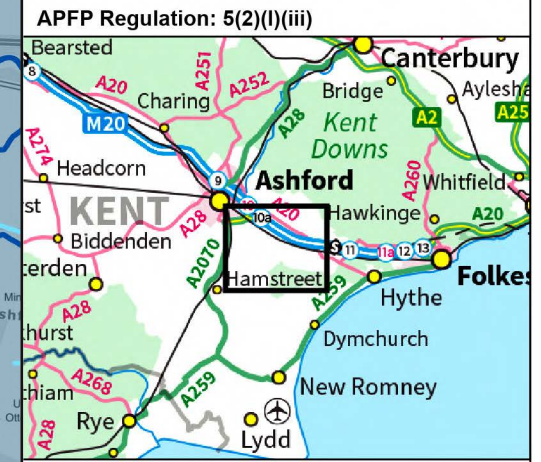


LEGEND

- Order limits
- Statutory Main River (OS OpenMap Local)
- Watercourse (OS OpenMap Local)
- Bower Road Stream
- Environment Agency River and Sea Flood Storage Area
- Waterbody (OS OpenMap Local)
- East Stour Catchment Area
- Romney Marsh between Appledore and West Hythe Water Body Catchment

East Stour Internal Drainage Board - Drains

- Unnamed Tributary 1
- Unnamed Tributary 2
- Unnamed Tributary 3

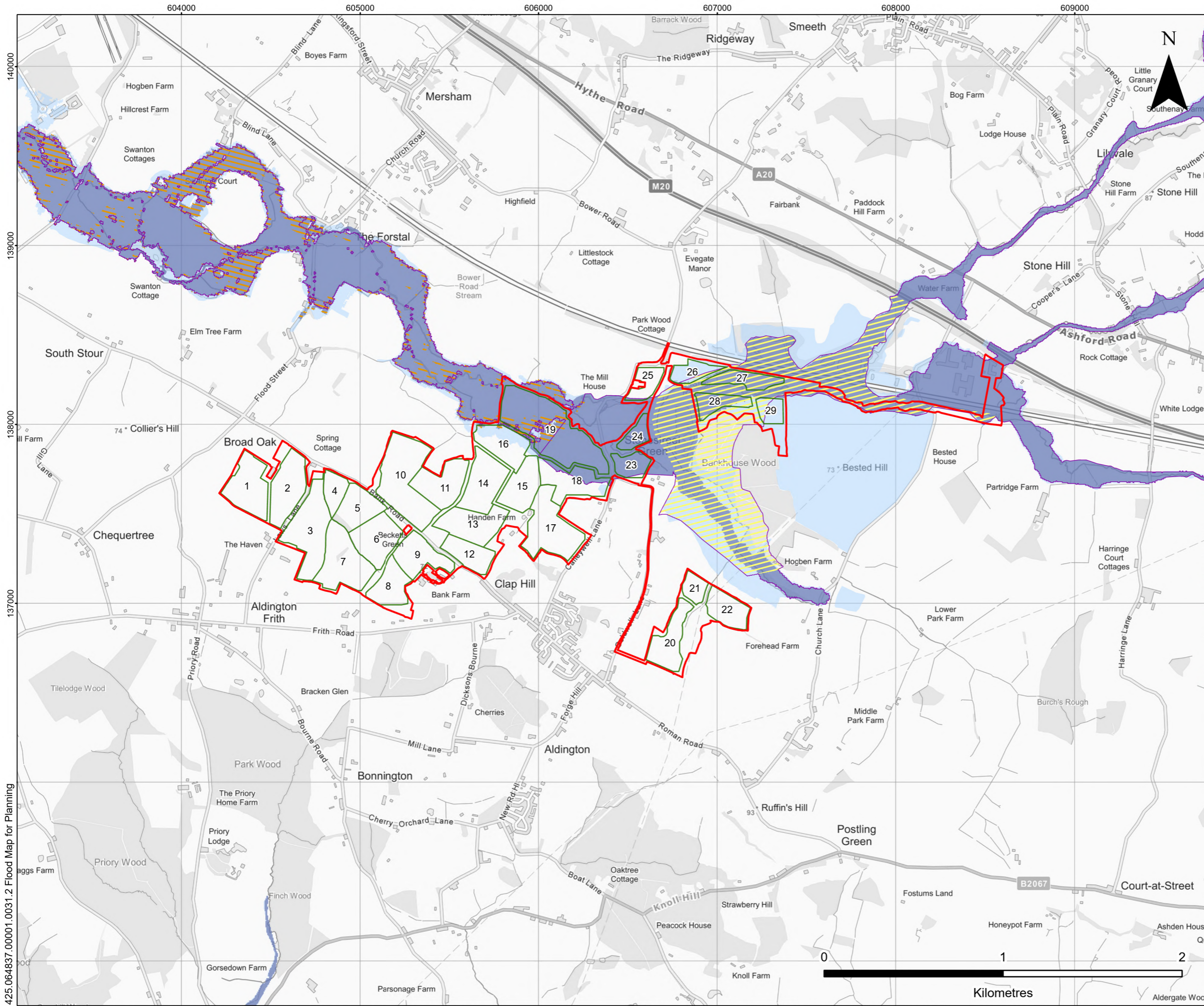


**STONESTREET GREEN SOLAR
ENVIRONMENTAL STATEMENT
LOCAL HYDROLOGY**

Figure 10.3

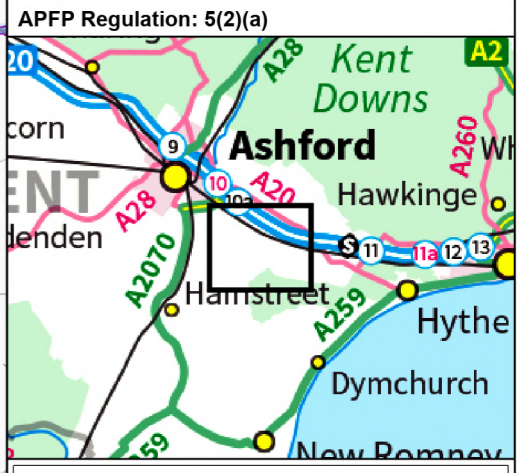
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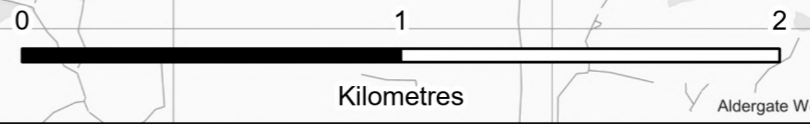
- Order limits
- Field
- Ashford Borough Council Flood Zone 3b
- Environment Agency Flood Zone 2
- Environment Agency Flood Zone 3
- Environment Agency River and Sea Flood Storage Area
- Environment Agency Area Benefiting from Flood Defences



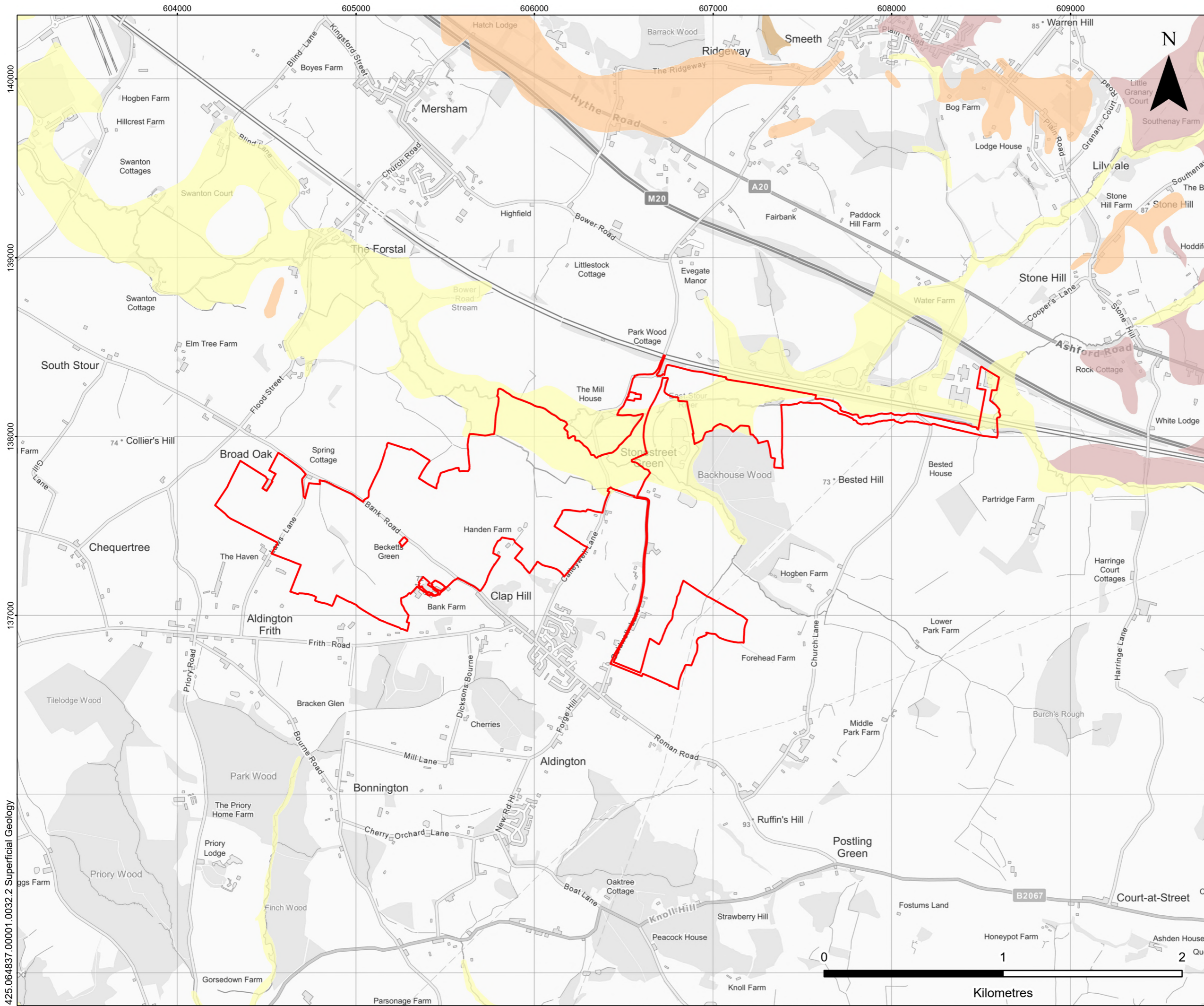
STONESTREET GREEN SOLAR
 ENVIRONMENTAL STATEMENT
 FLOOD MAP FOR PLANNING

Figure 10.4

Scale 1:20,000 @ A3 Date MAY 2024



425.064837.00001.0031.2 Flood Map for Planning



LEGEND

- Order limits
- Superficial Geology**
- Alluvium - Clay, Silt, Sand and Gravel
- Head - Clay and Silt
- River Terrace Deposits, 4 - Sand and Gravel

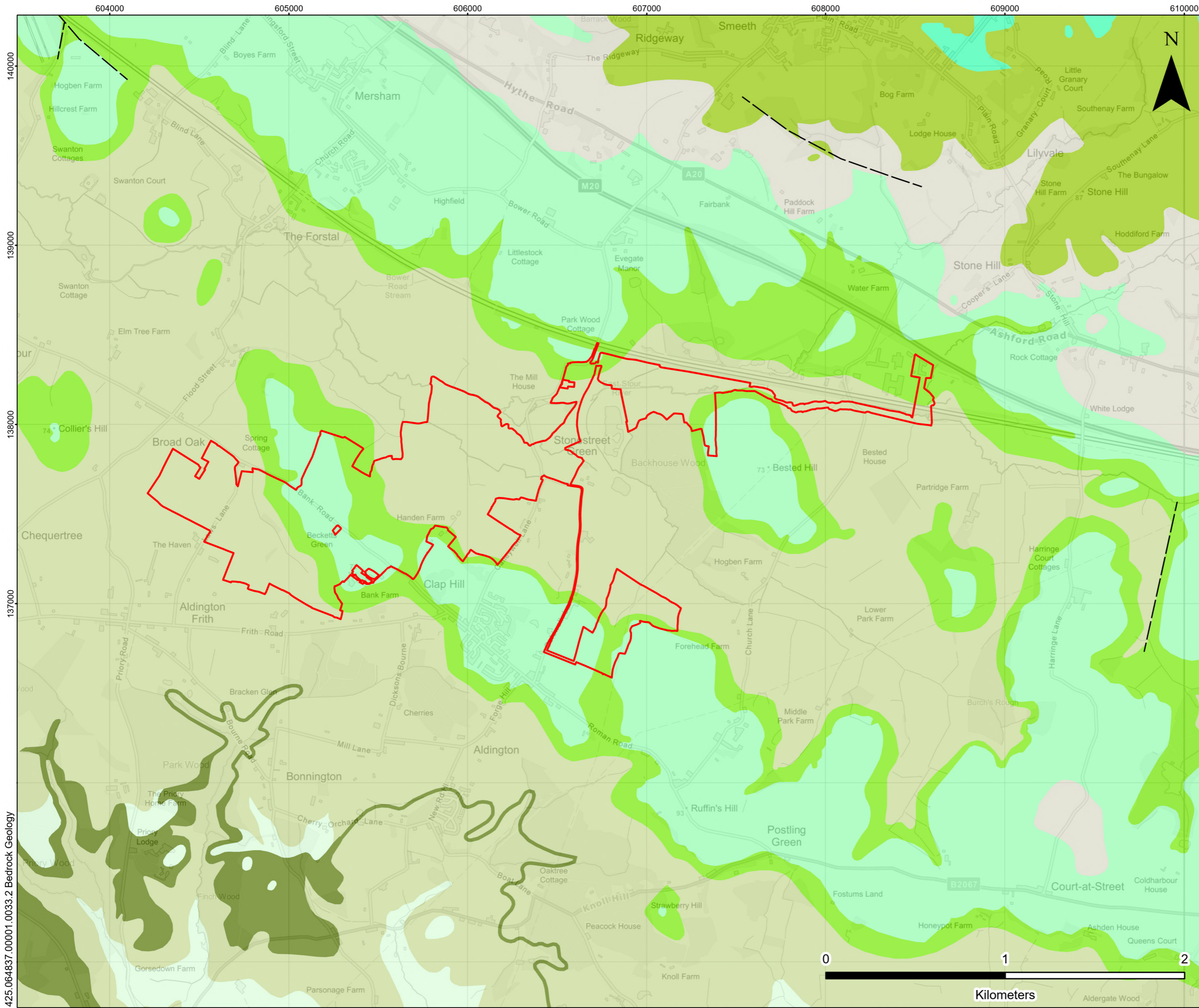


**STONESTREET GREEN SOLAR
ENVIRONMENTAL STATEMENT
SUPERFICIAL GEOLOGY**

Figure 10.5

Scale 1:20,000 @ A3 Date MAY 2024

425.06.4837.00001.0032.2 Superficial Geology



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Order limits

Bedrock Geology

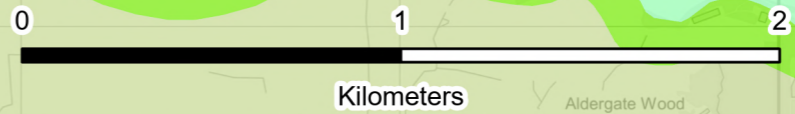
- Atherfield Clay Formation - Mudstone, Sandy
- Folkestone Formation - Sandstone
- Hythe Formation - Sandstone And Limestone, Interbedded
- Sandgate Formation - Sandstone, Siltstone And Mudstone
- Weald Clay Formation - Limestone
- Weald Clay Formation - Mudstone



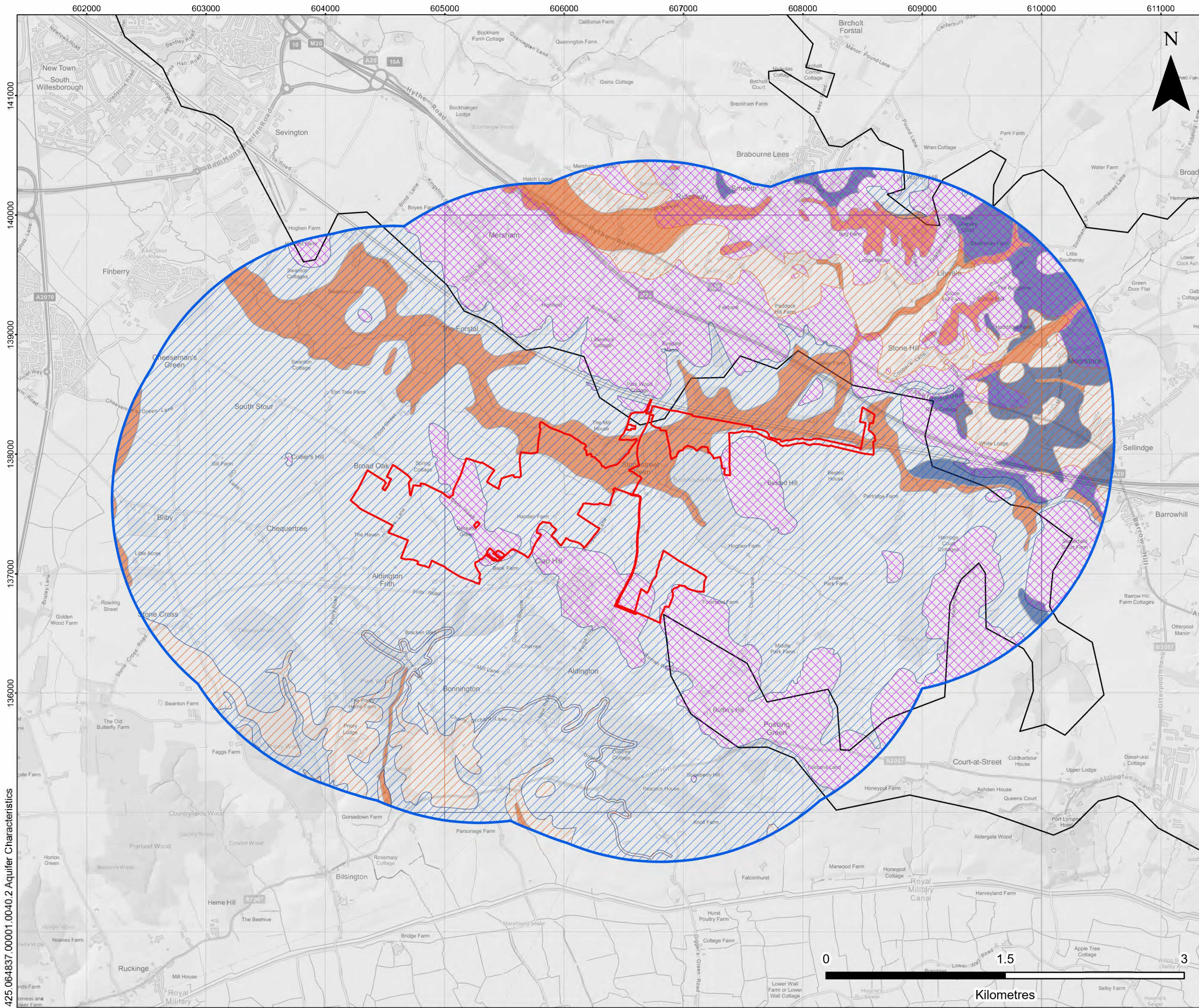
**STONESTREET GREEN SOLAR
ENVIRONMENTAL STATEMENT
BEDROCK GEOLOGY**

Figure 10.6

Scale: 1:20,000 @ A3 Date: MAY 2024



425.064837.00001.0033.2 Bedrock Geology



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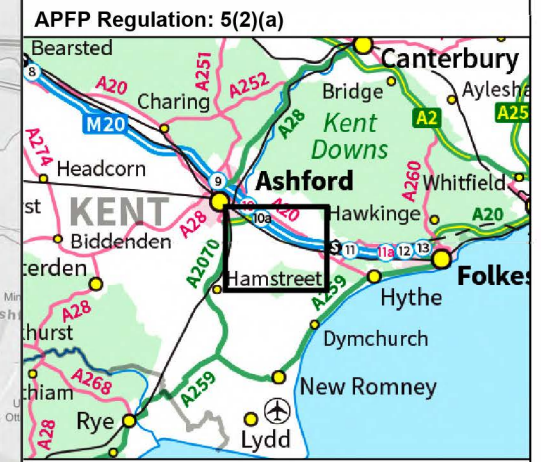
- Order limits
- Water Environment Study Area

Bedrock Aquifer Designation

- Principal
- Secondary A
- Unproductive

Superficial Aquifer Designation

- Secondary A
- Unproductive
- Groundwater Body Cycle 3

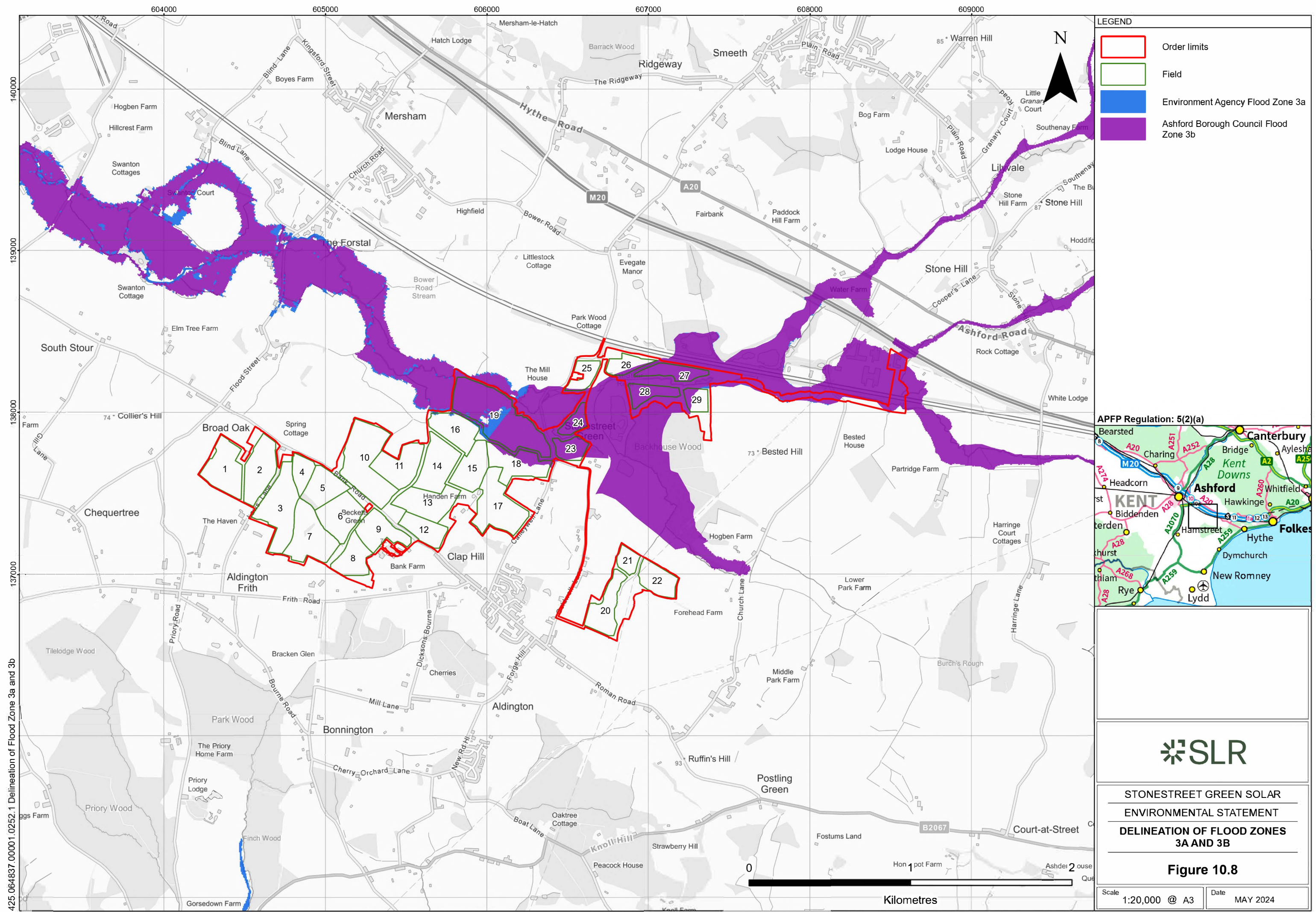


**STONESTREET GREEN SOLAR
ENVIRONMENTAL STATEMENT
AQUIFER CHARACTERISTICS**

Figure 10.7

Scale 1:30,000 @ A3 Date MAY 2024

425 06 4837.00001.0040.2 Aquifer Characteristics



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- Order limits
- Field
- Environment Agency Flood Zone 3a
- Ashford Borough Council Flood Zone 3b



**STONESTREET GREEN SOLAR
ENVIRONMENTAL STATEMENT
DELINEATION OF FLOOD ZONES
3A AND 3B**

Figure 10.8

Scale: 1:20,000 @ A3 Date: MAY 2024

425 064837.00001.0252.1 Delineation of Flood Zone 3a and 3b