

Hinkley Point C | Development Consent Order Application

Environmental Statement

Doc Ref 4.3
October 2011

Environmental Statement - Volume 2

Hinkley Point C Development Site

Figures

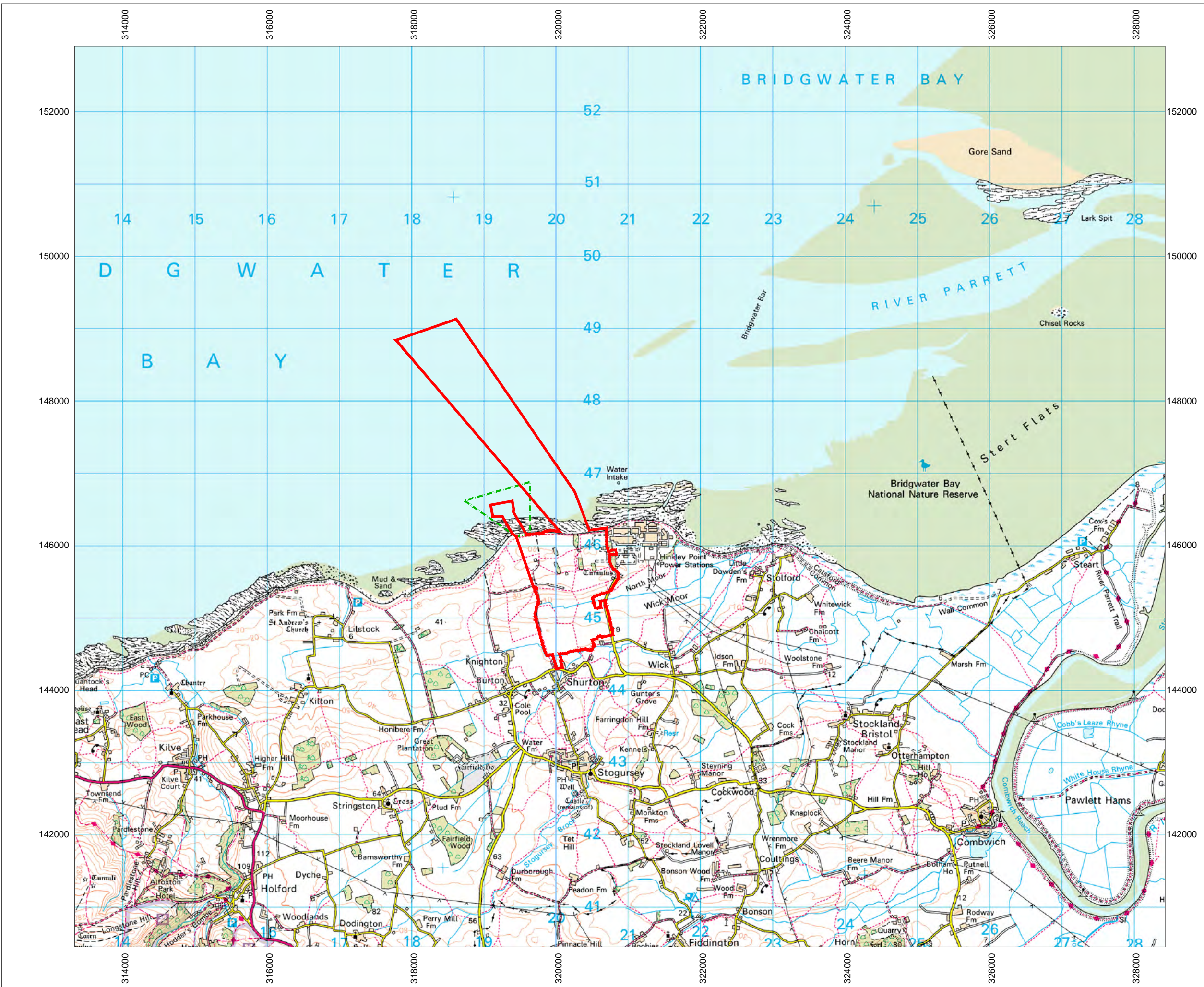
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KEY

- HINKLEY POINT C DEVELOPMENT SITE BOUNDARY
- TEMPORARY JETTY SEAWARD HARBOUR LIMITS



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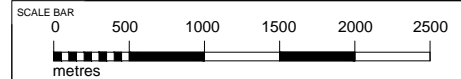


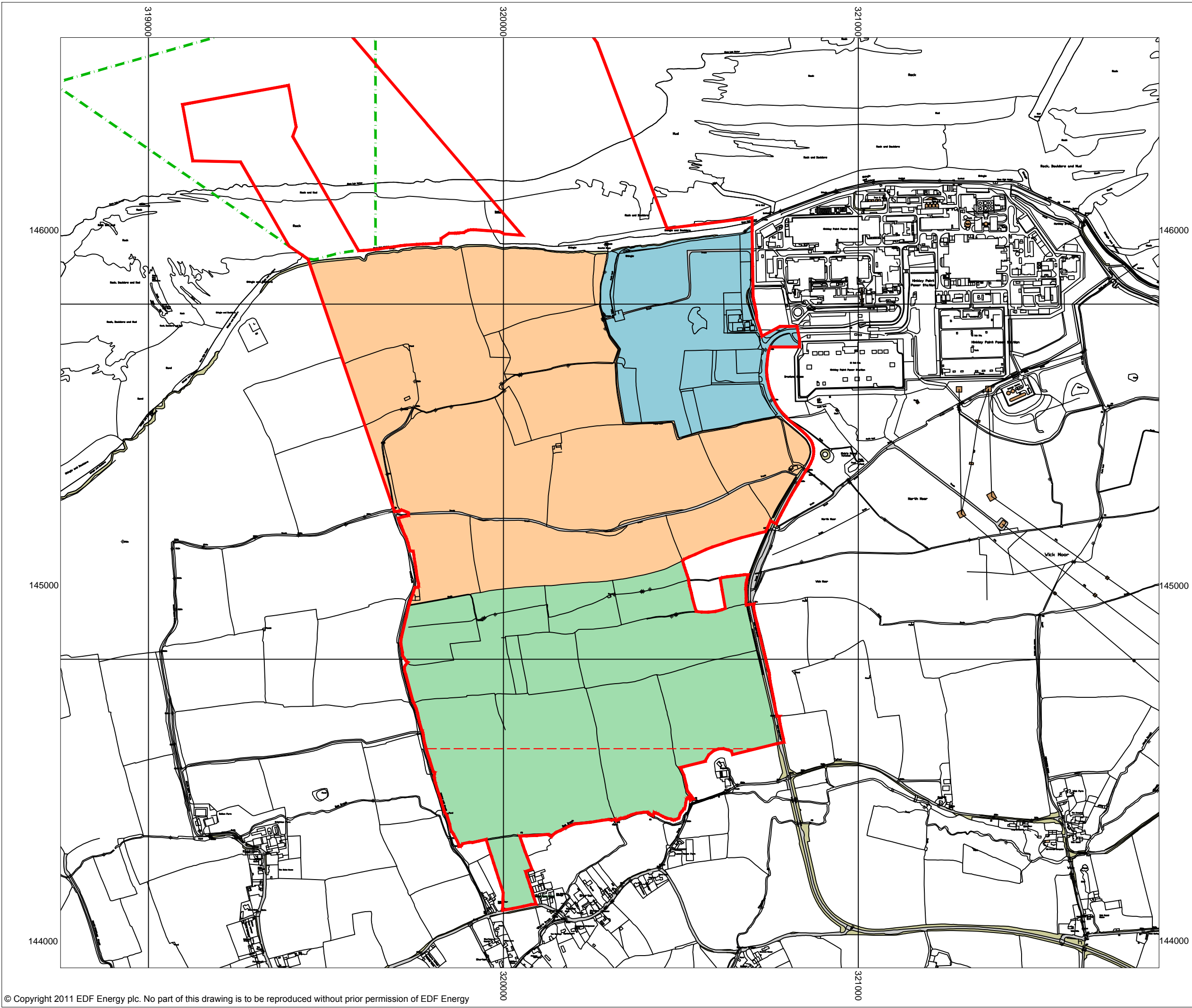
DOCUMENT:
HINKLEY POINT C PROJECT ENVIRONMENTAL STATEMENT VOLUME 2 CHAPTER 1







FIGURE TITLE:
LOCATION OF THE HINKLEY POINT C DEVELOPMENT SITE

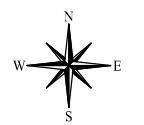
FIGURE NO: **FIGURE 1.1** REVISION: **01**

DATE: **SEPT 2011** DRAWN: **J.S** SCALE: **1:50,000@A3**





- KEY**
-  HINKLEY POINT C DEVELOPMENT SITE BOUNDARY
 -  TEMPORARY JETTY HARBOUR SEAWARD LIMITS
 -  BUILT DEVELOPMENT AREA WEST
 -  BUILT DEVELOPMENT AREA EAST
 -  SOUTHERN CONSTRUCTION PHASE AREA
 -  SOUTHERN LIMIT OF PRELIMINARY WORKS ACTIVITY



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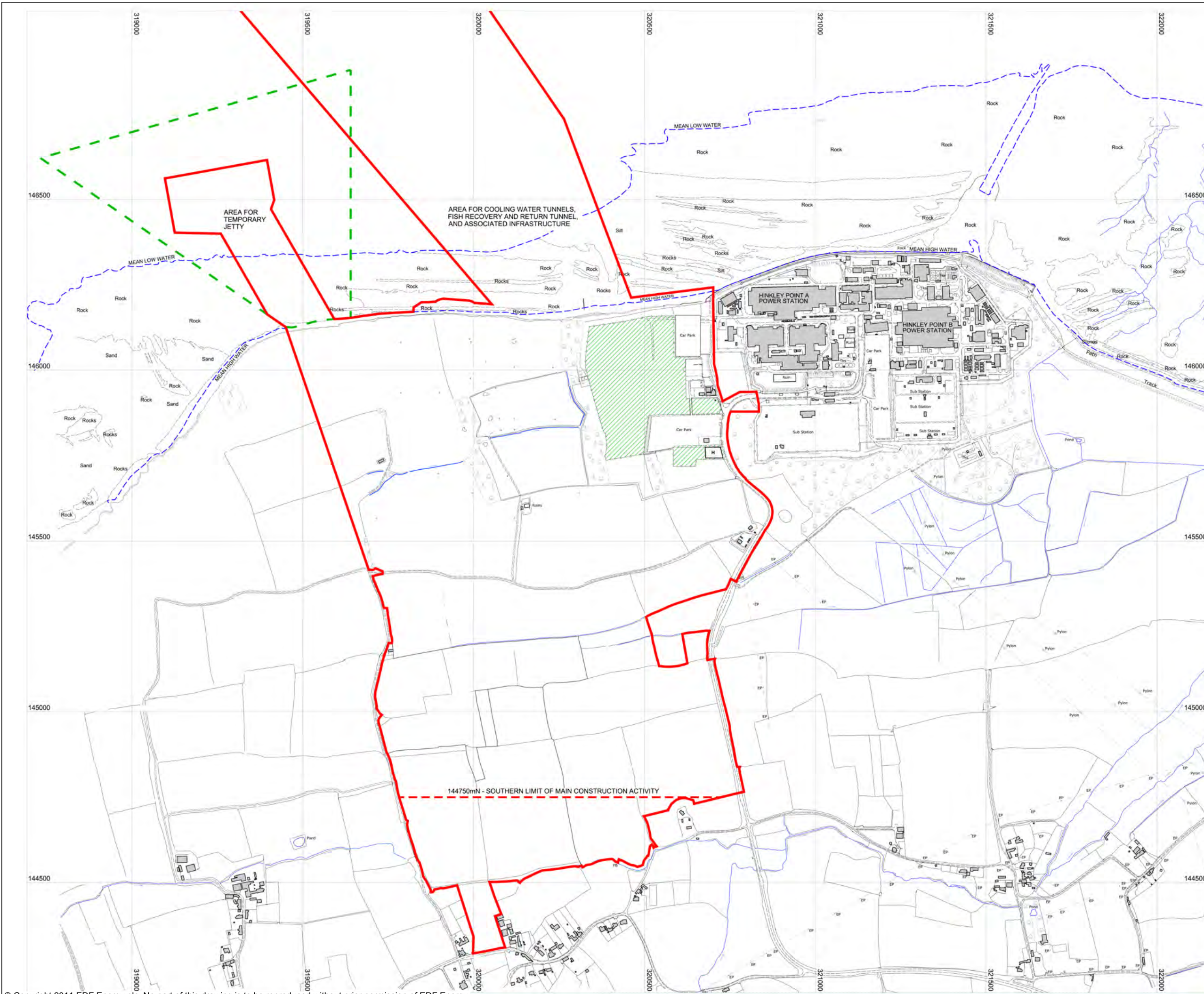


DOCUMENT:
HINKLEY POINT C PROJECT ENVIRONMENTAL STATEMENT VOLUME 2 CHAPTER 1

FIGURE TITLE:
HINKLEY POINT C DEVELOPMENT SITE COMPARTMENTS (BDAE, BDAW AND SCPA)

FIGURE NO: FIGURE 1.2	REVISION: 01
DATE: SEPT 2011	DRAWN: R.K
	SCALE: 1:10,000@A3







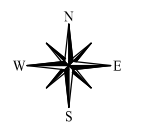


NOTES

- EDF AERIAL TOPOGRAPHY SURVEY MAPPING DATA WITH A BASE SCALE OF 1:1000 ADOPTED AS DRAWING BACKGROUND TOPOGRAPHY DATA.
- THE MEAN HIGH AND LOW WATER MARK LINES INDICATED ARE BASED ON GIS ORDANANCE SURVEY MASTERMAP TOPOGRAPHY LAYER DATA WITH BASE SCALE OF 1:1250.
- ALL CO-ORDINATES ARE IN METRES AND ARE BASED ON THE NATIONAL GRID.

KEY

-  HINKLEY POINT C DEVELOPMENT SITE BOUNDARY
- FOR REFERENCE**
-  TEMPORARY JETTY SEAWARD HARBOUR LIMITS
-  ORDANANCE SURVEY LAND FEATURES
-  SOUTHERN LIMIT OF PRELIMINARY WORKS ACTIVITY



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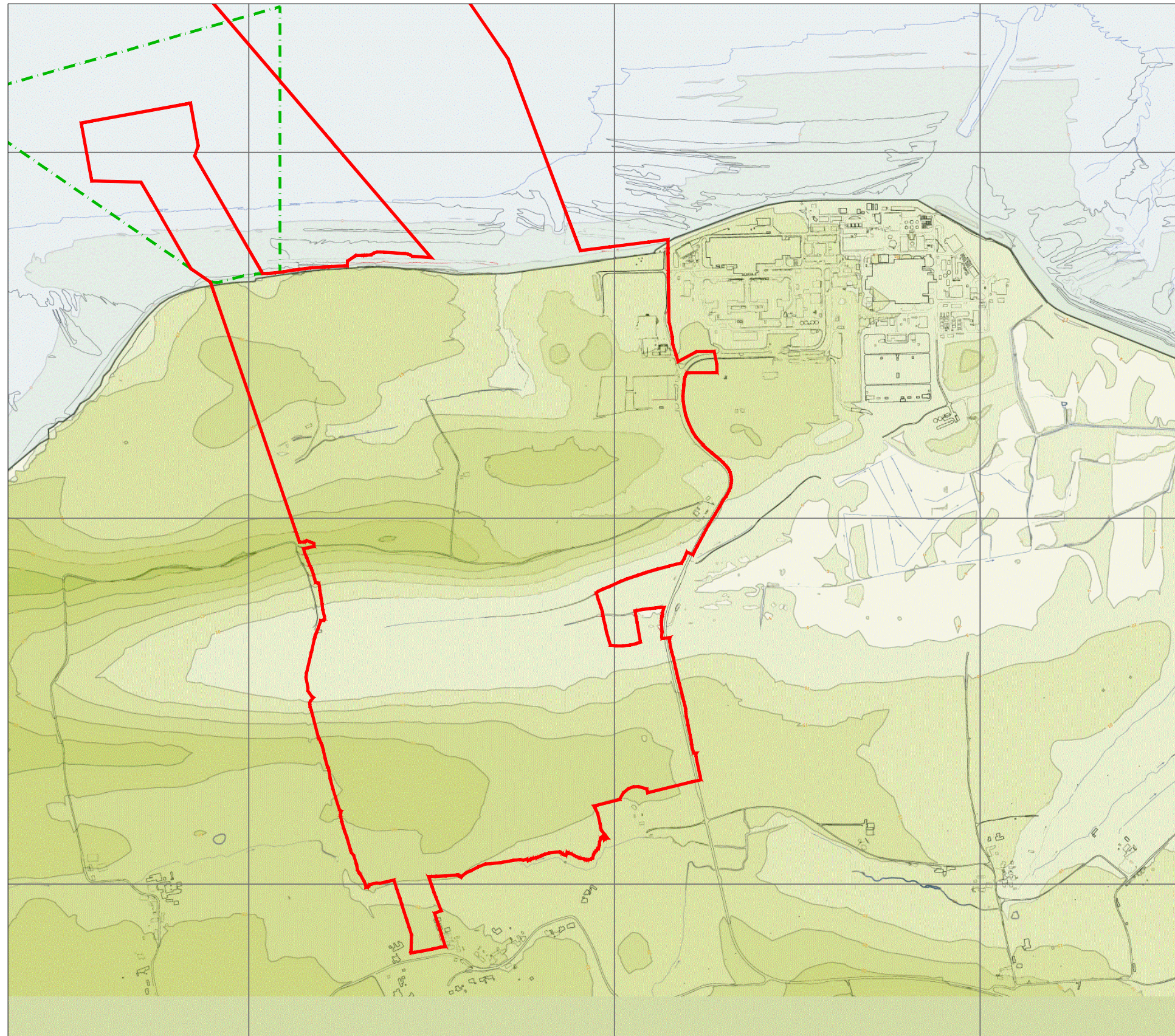
DOCUMENT:
HINKLEY POINT C PROJECT ENVIRONMENTAL STATEMENT VOLUME 2 CHAPTER 1

FIGURE TITLE:
HINKLEY POINT C DEVELOPMENT SITE REMEDIATIONS WORKS













FIGURE NO: **FIGURE 1.3** REVISION: **01**

DATE: **SEPT 2011** DRAWN: **S.G** SCALE: **1:3,500@A3**





KEY

-  HINKLEY POINT C DEVELOPMENT SITE BOUNDARY
-  TEMPORARY JETTY SEAWARD HARBOUR LIMITS
-  ORDANANCE SURVEY LAND FEATURES
-  ORDANANCE SURVEY WATER FEATURES
-  WATER
-  0-5m AOD
-  5-10m AOD
-  10-15m AOD
-  15-20m AOD
-  20-25m AOD
-  25-30m AOD
-  30-35m AOD



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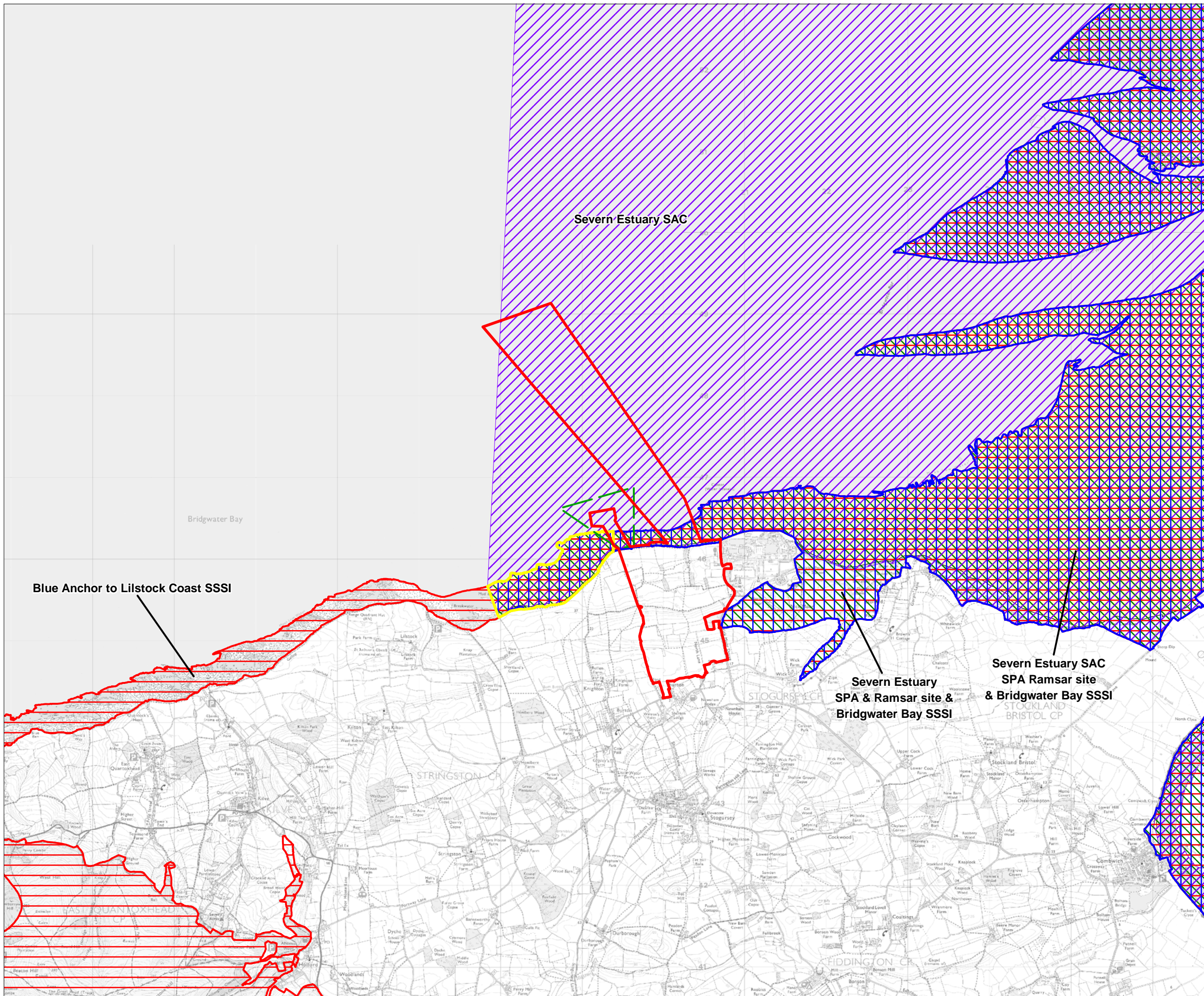
DOCUMENT:
HINKLEY POINT C PROJECT ENVIRONMENTAL STATEMENT VOLUME 2 CHAPTER 1

FIGURE TITLE:
HINKLEY POINT C DEVELOPMENT SITE EXISTING TOPOGRAPHY

FIGURE NO: **FIGURE 1.4** REVISION: **01**

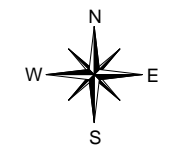
DATE: **SEPT 2011** DRAWN: **D.M** SCALE: **1:12,500@A3**





KEY

- HINKLEY POINT C DEVELOPMENT SITE BOUNDARY
- TEMPORARY JETTY SEAWARD HARBOUR LIMITS
- SPA
- RAMSAR SITE
- SSSI
- SAC
- BLUE ANCHOR TO LILSTOCK COAST AND BRIDGWATER BAY SSSI OVERLAP
- NNR (BRIDGWATER BAY)



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DOCUMENT:
HINKLEY POINT C PROJECT ENVIRONMENTAL STATEMENT VOLUME 2 CHAPTER 1

FIGURE TITLE:
STATUTORY DESIGNATED NATURE CONSERVATION SITES

FIGURE NO: FIGURE 1.5	REVISION: 01
DATE: SEPT 2011	DRAWN: C.T
	SCALE: 1:45,000@A3





1 SITE LAYOUT PLAN
SCALE 1:2500



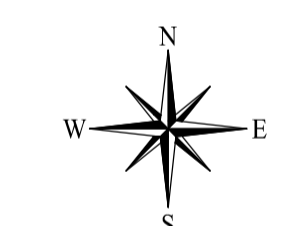
2 HPC PERMANENT DEVELOPMENT SITE LOCATION PLAN
SCALE 1:10 000

- | | |
|--|--|
| 01 REACTOR BUILDING | 35 CHEMICAL PRODUCTS STORAGE |
| 02 FUEL BUILDING | 36 SEWAGE TREATMENT PLANT |
| 03 SAFEGUARD BUILDING | 37 CONVENTIONAL ISLAND WATER STORAGE TANK |
| 04 SAFEGUARD BUILDINGS | 38 NUCLEAR ISLAND WATER STORAGE TANK |
| 05 NUCLEAR AUXILIARY BUILDING | |
| 06 ACCESS TOWER | FUEL & WASTE STORAGE |
| 07 FUEL BUILDING HALL | 39 INTERIM SPENT FUEL STORE |
| 08 BORON STORAGE | 40 ACCESS CONTROL BUILDING |
| 09 RADIOACTIVE WASTE STORAGE BUILDING | 41 INTERMEDIATE LEVEL WASTE INTERIM STORAGE FACILITY |
| 10 RADIOACTIVE WASTE PROCESS BUILDING | |
| 11 RADIOACTIVE WASTE TREATMENT BUILDING (UNIT 2) | ANCILLARY, OFFICE & STORAGE |
| 12 HOT LAUNDRY | 42 MAIN ACCESS CONTROL BUILDING |
| 13 HOT WORKSHOP, HOT WAREHOUSE, FACILITIES FOR DECONTAMINATION | 43 ENTRY RELAY BUILDING |
| 14 EFFLUENT TANKS | 44 OFF-SITE VEHICLE SEARCH AREA |
| 15 EMERGENCY DIESEL GENERATORS | 45 AUXILIARY ADMINISTRATION CENTRE |
| | 46 MEDICAL CENTRE |
| | 47 EDF SITE OFFICES |
| | 48 GARAGE FOR HANDLING FACILITIES |
| | 49 OIL & GREASE STORAGE + OIL ANCILLARY BUILDING |
| | 50 AREVA WAREHOUSE |
| | 51 RAW WATER AND POTABLE WATER SUPPLY |
| | 52 METEOROLOGICAL STATION |
| | 53 OUTAGE ACCESS CONTROL BUILDING |
| | 54 CONTAMINATED TOOLS STORAGE |
| | 55 CONVENTIONAL WASTE STORAGE |
| | 56 TRANSIT AREA FOR VERY LOW LEVEL WASTE AND LOW LEVEL WASTE |
| | PUBLIC & TRAINING |
| | 57 SIMULATOR BUILDING / TRAINING CENTRE |
| | 58 PUBLIC INFORMATION CENTRE |
| | NATIONAL GRID SUBSTATION |
| | 59 NATIONAL GRID SUBSTATION |
| | OTHER SITE STRUCTURES |
| | 60 HELIPAD |
| | 61 SEA WALL (INCORPORATING COASTAL FOOTPATH) |
| | 62 CAR PARK |
| | 63 METEOROLOGICAL STATION MAST |
| | 64 EDF ENERGY PYLONS |

- DRAWING SYMBOLS & LEGEND**
- | | | | |
|--|---|--|--------------------------------------|
| | HINKLEY POINT C DEVELOPMENT SITE BOUNDARY (DCO) | | PYLONS & LINES - EDF ENERGY STANDARD |
| | HINKLEY POINT C PERMANENT DEVELOPMENT SITE BOUNDARY | | RAILWAY TRACKS |
| | TEMPORARY JETTY SEAWARD HARBOUR LIMIT S | | FENCES |
| | BUILDINGS / STRUCTURES | | PARAMETER BUILDINGS |
| | NATIONAL GRID 400KV PYLONS & LINES (SEE CAVEAT BELOW) | | |
- THE OVERHEAD LINES AND TOWER (PYLON) POSITIONS ILLUSTRATED ARE INDICATIVE ONLY AND ARE ONE OF TWO OPTIONS PRESENTLY BEING DEVELOPED BY NATIONAL GRID. THESE OVERHEAD LINES AND PYLONS WILL BE SUBJECT TO A SEPARATE DCO APPLICATION BY NATIONAL GRID AND WILL BE REFINED FOLLOWING PUBLIC CONSULTATION, FURTHER ENVIRONMENTAL STUDIES AND DETAILED OVERHEAD LINE DESIGN.

REACTOR CENTRELINE OS CO-ORDINATES

UNIT 1	320369.3912mE	NOTE:	ALL CO-ORDINATES ARE IN METRES AND ARE BASED ON THE ORDNANCE SURVEY NATIONAL GRID
UNIT 2	145812.1430mN		
	320139.3912mE		
	145812.1430mN		



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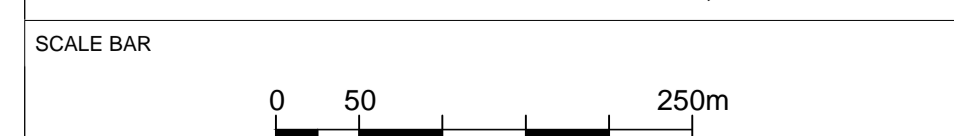


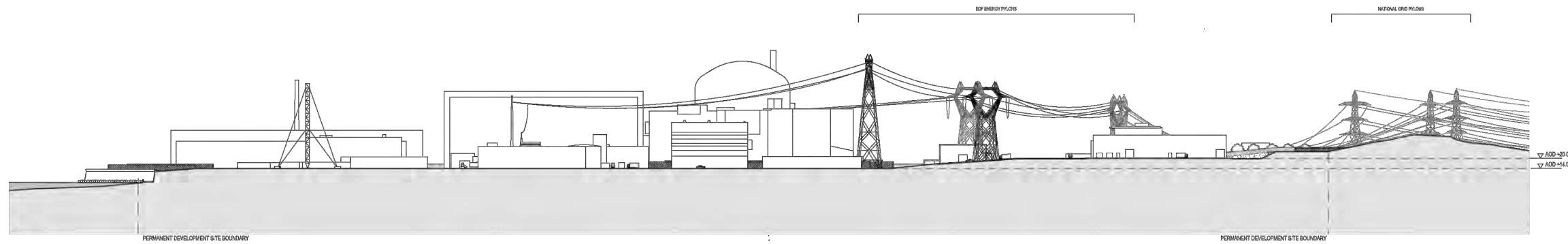
DOCUMENT:
HINKLEY POINT C PROJECT ENVIRONMENTAL STATEMENT VOLUME 2 CHAPTER 2

FIGURE TITLE:
PERMANENT DEVELOPMENT SITE LAYOUT PLAN

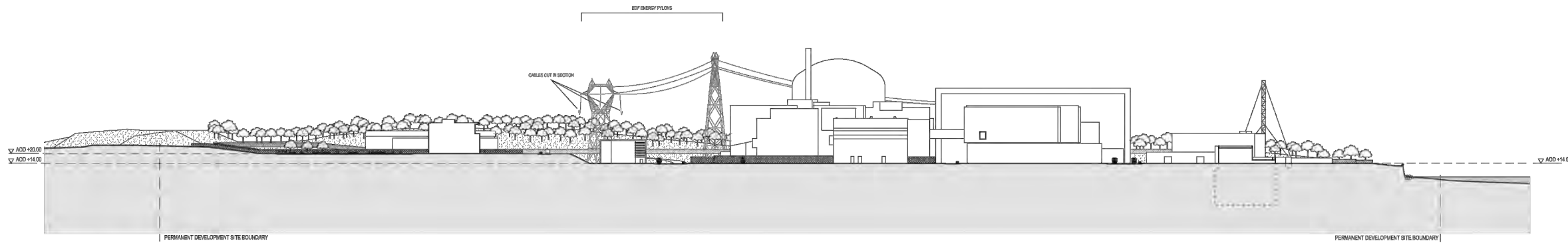
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DATE: **SEPT 2011** DRAWN: **D.M** SCALE: **1:5,000@A3**

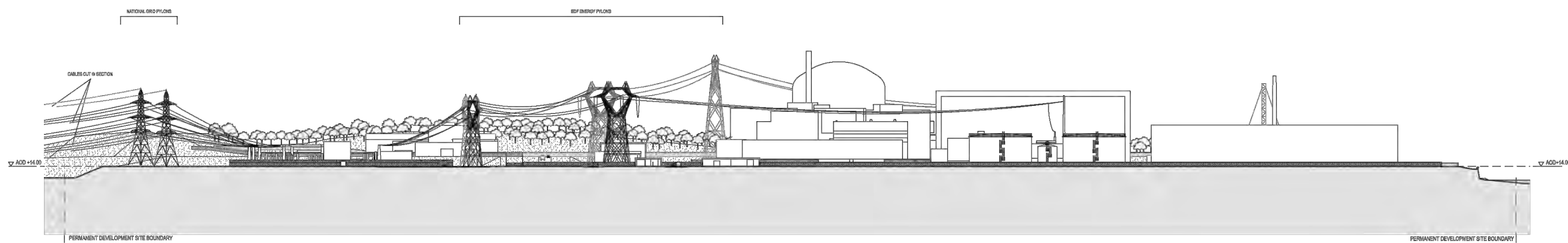




1 SECTION A-A
SCALE 1:1000

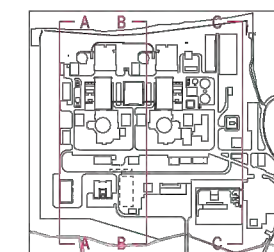


2 SECTION B-B
SCALE 1:1000



3 SECTION C-C
SCALE 1:1000

NOTE REGARDING NATIONAL GRID PYLONS
THE OVERHEAD LINES AND TOWER POSITIONS ILLUSTRATED ARE INDICATIVE ONLY AND ONE OF TWO SPINDS PRESENTLY BEING DEVELOPED BY NATIONAL GRID. THESE OVERHEAD LINES AND PYLONS WILL BE SUBJECT TO A SEPARATE COO APPLICATION BY NATIONAL GRID AND WILL BE PERMITTED FOLLOWING PUBLIC CONSULTATION, FURTHER ENVIRONMENTAL STUDIES AND DETAILED OVERHEAD LINE DESIGN.



Hinkley Point C Site Key Plan - NTS



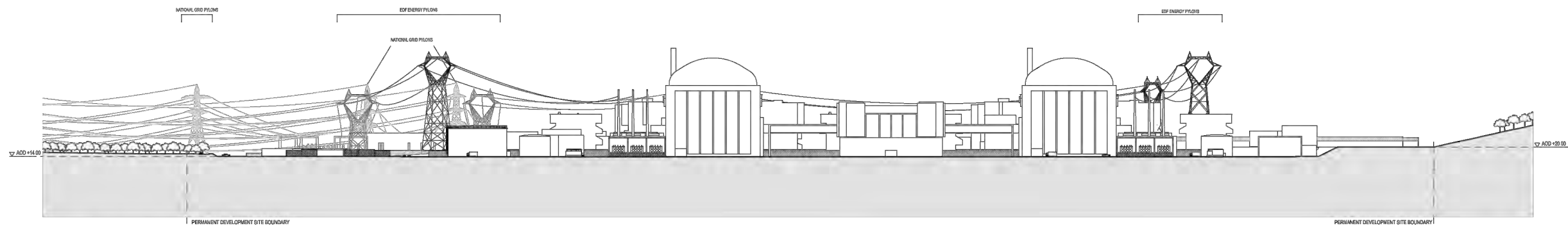
DOCUMENT:
**HINKLEY POINT C PROJECT
ENVIRONMENTAL STATEMENT
VOLUME 2 CHAPTER 2**

FIGURE TITLE:
**DETAILED SITE SECTIONS
A:A, B:B & C:C**

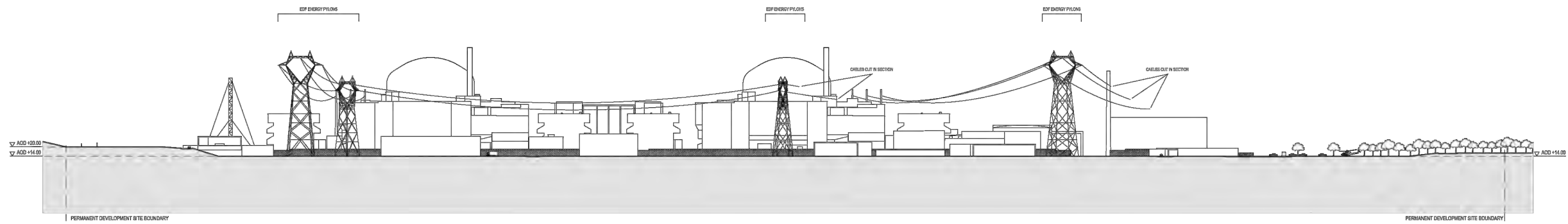
FIGURE NO: **FIGURE 2.2a** REVISION: **01**

DATE: **SEPT 2011** DRAWN: **Y.M** SCALE: **1:1000@A1**

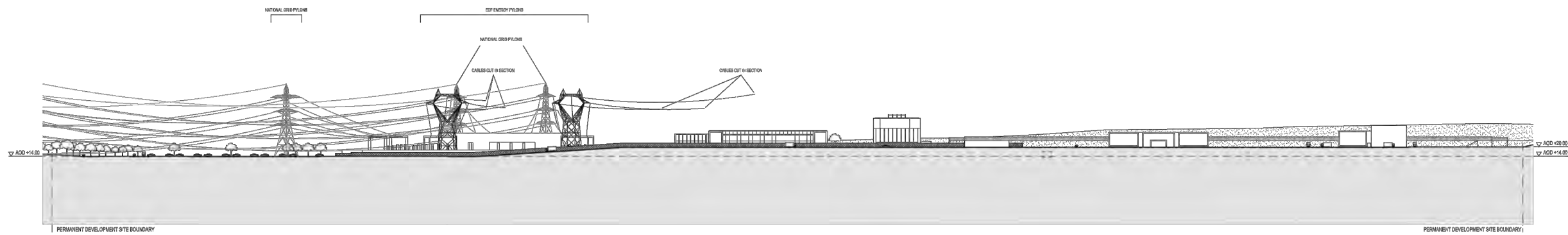




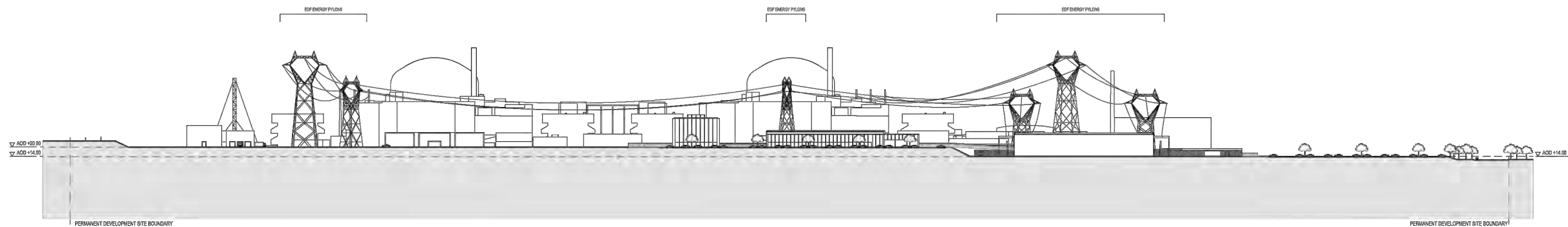
1 SECTION D-D
SCALE 1:1000



2 SECTION E-E
SCALE 1:1000

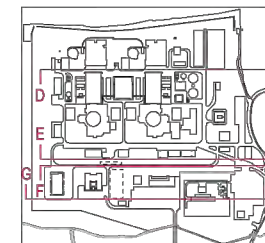


3 SECTION F-F
SCALE 1:1000



4 SECTION G-G
SCALE 1:1000

NOTE REGARDING NATIONAL GRID PYLONS
THE SHOWN LINE AND TOWER Pylon POSITIONS ILLUSTRATED ARE BROADLY ONLY AND ARE ONE OF TWO OPTIONS PRESENTLY BEING DEVELOPED BY NATIONAL GRID. THESE ORIGINAL LINES AND Pylon WILL BE SUBJECT TO A SEPARATE EDC APPLICATION BY NATIONAL GRID AND WILL BE REFINED FOLLOWING PUBLIC CONSULTATION, FURTHER ENVIRONMENTAL STUDIES AND DETAILED OVERHEAD LINE DESIGN.



Hinkley Point C Site Key Plan - NTS



DOCUMENT:
**HINKLEY POINT C PROJECT
ENVIRONMENTAL STATEMENT
VOLUME 2 CHAPTER 2**

FIGURE TITLE:
**DETAILED SITE SECTIONS
D:D, E:E, F:F & G:G**

FIGURE NO: **FIGURE 2.2b** REVISION: **01**

DATE: **SEPT 2011** DRAWN: **Y.M** SCALE: **1:1000@A1**





PARAMETERS SITE PLAN KEY	
REF: BUILDING	SITING PARAMETER
1	NUCLEAR ISLAND
2	REACTOR BUILDING
3	FUEL BUILDING
4	SAFEGUARD BUILDINGS
5	NUCLEAR AUXILIARY BUILDING
6	ACCESS TOWER
7	FUEL BUILDING HALL
8	BORON STORAGE
9	RADIOACTIVE WASTE STORAGE BUILDING
10	RADIOACTIVE WASTE PROCESS BUILDING
11	RADIOACTIVE WASTE TREATMENT (UNIT 2)
12	HOT LAUNDRY
13	HOT WORKSHOP/ HOT WAREHOUSE. FACILITIES FOR DECONTAMINATION
14	EFFLUENT TANKS
15	EMERGENCY DIESEL GENERATORS
16	CONVENTIONAL ISLAND
17	TURBINE HALL & SKY-BRIDGES
18	NON-CLASSIFIED ELECTRICAL BUILDING
19	GAS INSULATED SWITCHGEAR
20	MAIN TRANSFORMER
21	AUXILIARY TRANSFORMER
22	HYDRAZINE & AMMONIA STORAGE
23	AUXILIARY FEED-WATER STORAGE
24	OPERATIONS
25	OPERATIONAL SERVICE CENTRE
26	COOLING WATER PUMP HOUSE & ASSOCIATED BUILDINGS
27	FOREBAY
28	OUTFALL POND (SURGE CHAMBER)
29	FILTERING DEBRIS RECOVERY PIT
30	FIRE-FIGHTING WATER BUILDING
31	REMAINING BALANCE OF PLANT & OTHER PLANT
32	ATTENUATION POND
33	DEMINEURALISATION STATION
34	AUXILIARY BOILERS
35	HYDROGEN STORAGE
36	OXYGEN STORAGE
37	CHEMICAL PRODUCTS STORAGE
38	SEWAGE TREATMENT PLANT
39	CONVENTIONAL ISLAND WATER STORAGE TANK
40	NUCLEAR ISLAND WATER STORAGE TANK
41	FUEL & WASTE STORAGE
42	INTERIM SPENT FUEL STORE
43	ACCESS CONTROL BUILDING
44	INTERMEDIATE LEVEL WASTE INTERIM STORAGE FACILITY
45	ANCILLARY OFFICE & STORAGE
46	MAIN ACCESS CONTROL BUILDING
47	ENTRY RELAY BUILDING
48	OFF-SITE VEHICLE SEARCH AREA
49	AUXILIARY ADMINISTRATION CENTRE
50	MEDICAL CENTRE
51	EDF SITE OFFICES
52	GARAGE FOR HANDLING FACILITIES
53	OIL & GREASE STORAGE + OIL ANCILLARY BUILDING
54	AREA WAREHOUSE
55	RAW WATER AND POTABLE WATER SUPPLY
56	METEOROLOGICAL STATION
57	OUTAGE ACCESS CONTROL BUILDING
58	CONTAMINATED TOOLS STORAGE
59	CONVENTIONAL WASTE STORAGE
60	TRANSIT AREA FOR VERY LOW LEVEL WASTE & LOW LEVEL AND LOW LEVEL WASTE
61	PUBLIC & TRAINING
62	SIMULATOR BUILDING / TRAINING CENTRE
63	PUBLIC INFORMATION CENTRE
64	NATIONAL GRID SUBSTATION
65	NATIONAL GRID SUBSTATION
	OTHER SITE STRUCTURES
	HELIPAD
	SEA WALL (INCORPORATING COASTAL FOOTPATH)
	CAR PARK
	METEOROLOGICAL STATION MAST
	EDF ENERGY PYLONS
	SERVICE ACCESS BUILDINGS

DRAWING SYMBOLS & LEGEND	
[Red outline]	MAXIMUM BUILDING
[Black outline]	FOOTPRINT
[Thin red outline]	MINIMUM BUILDING
[Red outline]	PARAMETER PLAN
[Green dashed outline]	BUILDINGS
[Red dashed outline]	MAXIMUM BUILDING
[Thin red outline]	MINIMUM BUILDING
[Red outline]	HEIGHT PARAMETER
[Red outline]	HEIGHT PARAMETER
[Red outline]	PYLONS & LINES - EDF ENERGY STANDARD
[Black outline]	RAILWAY TRACKS
[Black outline]	FENCES
[Black outline]	HINKLEY POINT C - PERMANENT DEVELOPMENT SITE BOUNDARY

THE MAXIMUM BUILDING HEIGHT FOR BUILDINGS/STRUCTURES COMPRISES THE ROOF HEIGHT STATED ON THIS DRAWING. AN ADDITIONAL 3M MAY BE REQUIRED IN SOME INSTANCES TO TAKE ACCOUNT OF ANY NECESSARY ROOF PLANT OR MACHINERY THAT MAY PROTRUDE ABOVE THE PARAMETER HEIGHT (SEE HPC DESIGN AND ACCESS STATEMENT, CHAPTER 4 FOR DETAILS)

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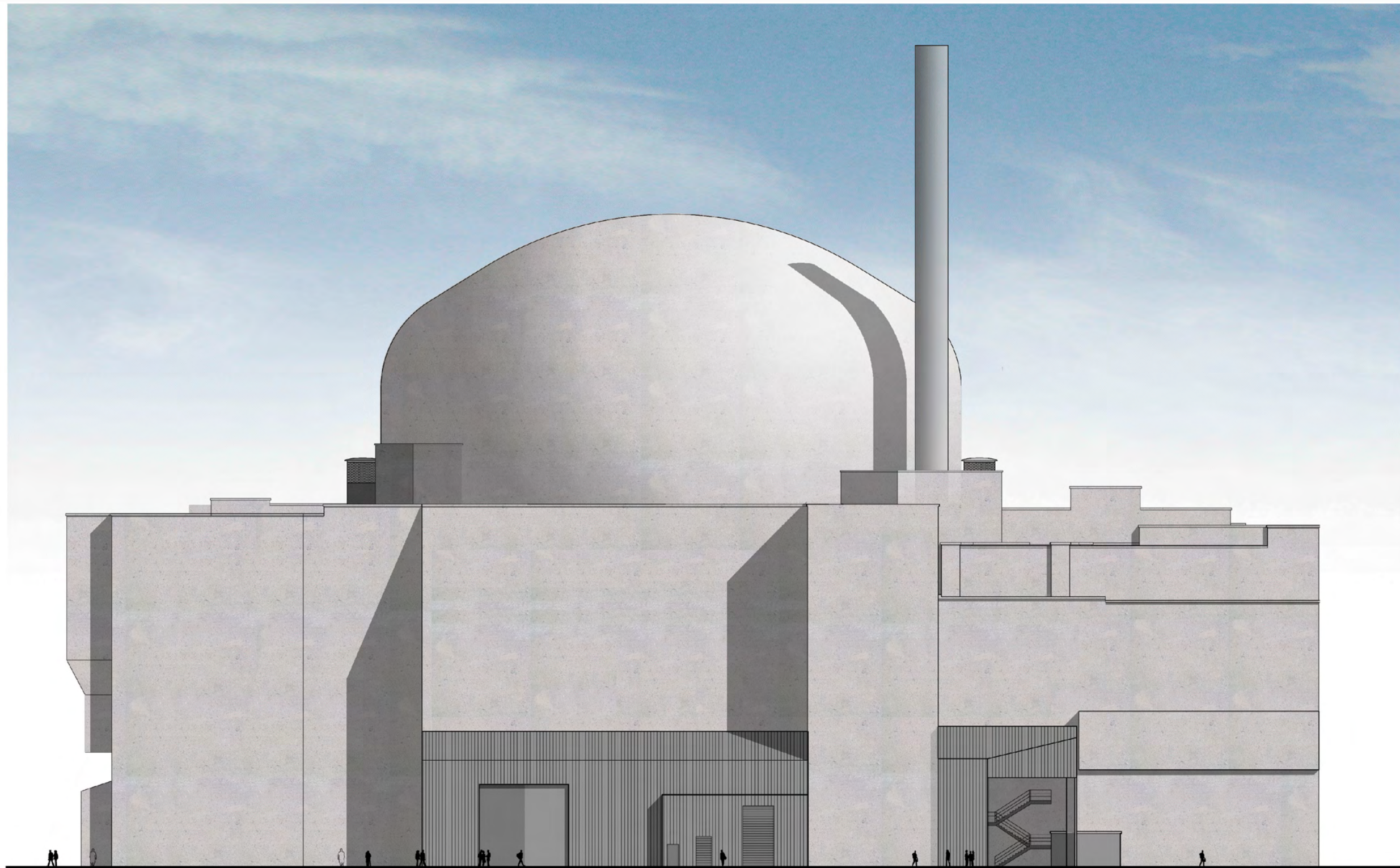
DOCUMENT:
HINKLEY POINT C PROJECT ENVIRONMENTAL STATEMENT VOLUME 2 CHAPTER 2

FIGURE TITLE:
SITE PARAMETER PLAN

FIGURE NO: **FIGURE 2.3** REVISION: **01**

DATE: **SEPT 2011** DRAWN: **Y.M** SCALE: **1:1000@A0**

SCALE BAR

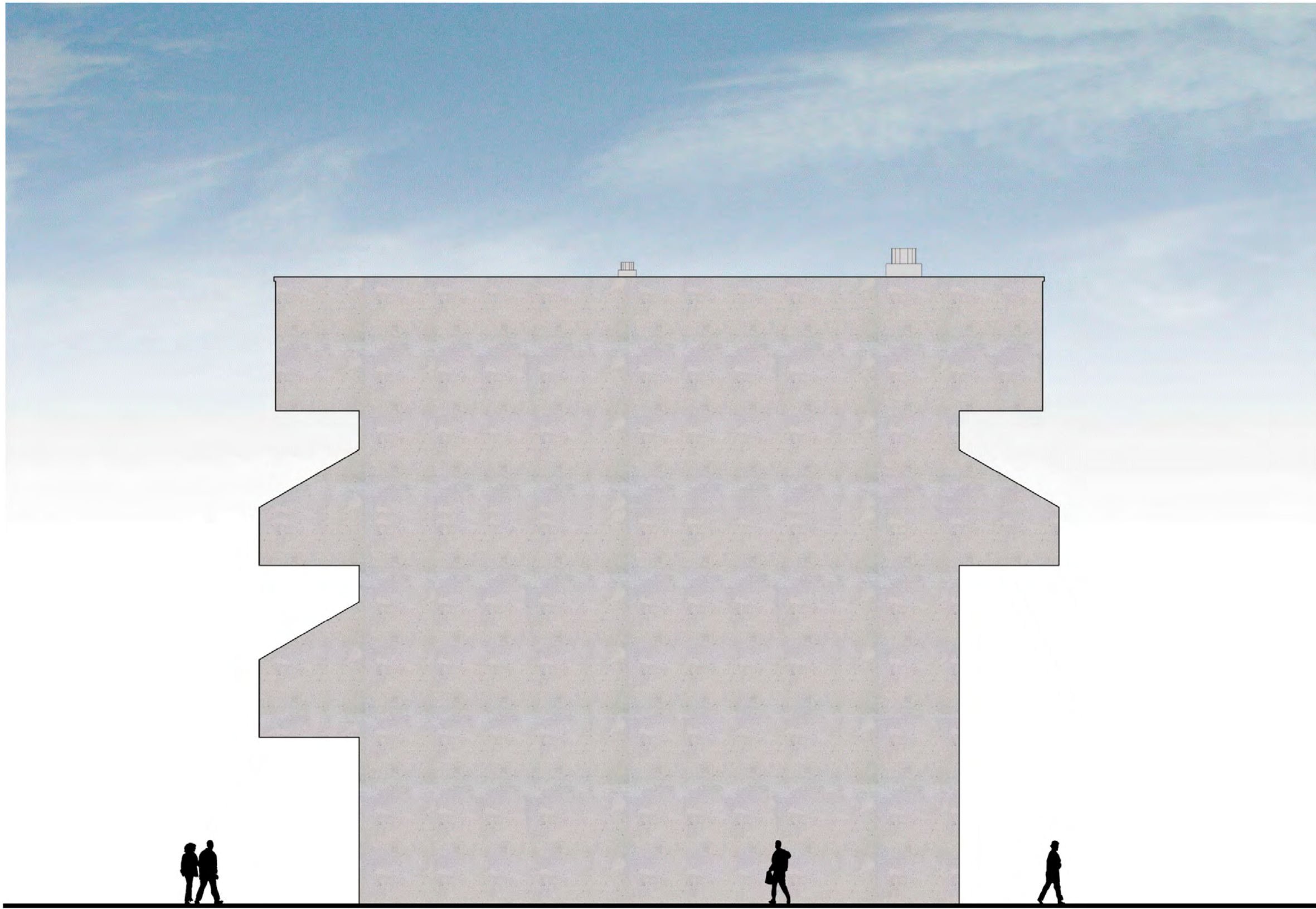


DOCUMENT:
**HINKLEY POINT C PROJECT
 ENVIRONMENTAL STATEMENT
 VOLUME 2 CHAPTER 2**

FIGURE TITLE:
**REACTOR BUILDING (UNIT 2)
 SOUTH ELEVATION**

FIGURE NO: FIGURE 2.4	REVISION: 01
DATE: SEPT 2011	SCALE: SEE SCALE BAR



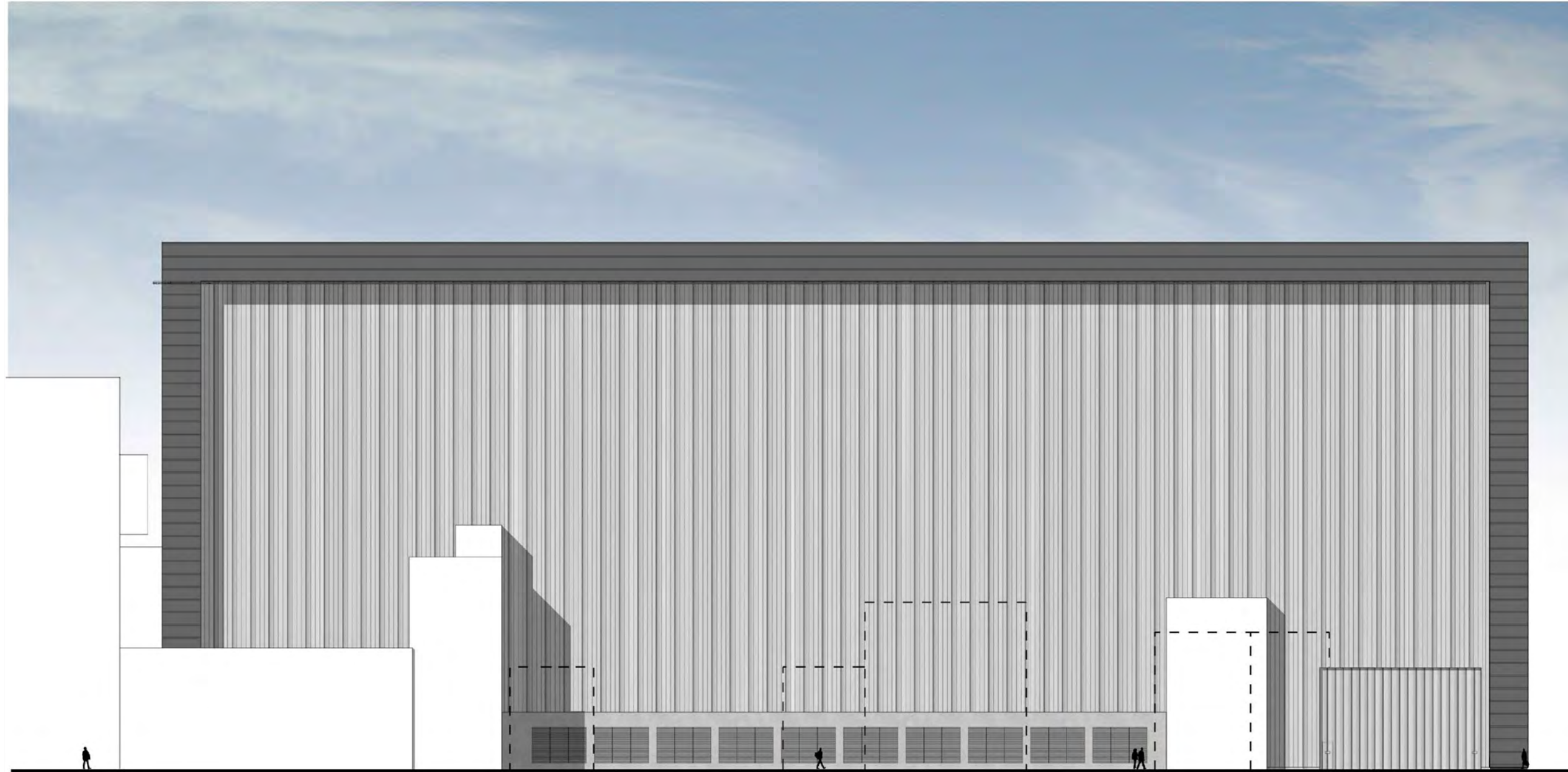


DOCUMENT:
HINKLEY POINT C PROJECT
ENVIRONMENTAL STATEMENT
VOLUME 2 CHAPTER 2

FIGURE TITLE:
EMERGENCY DIESEL GENERATOR
BUILDING SOUTH ELEVATION

FIGURE NO:	FIGURE 2.5	REVISION:	01
DATE:	SEPT 2011	DRAWN:	D.M
SCALE:	SEE SCALE BAR		





DOCUMENT:
HINKLEY POINT C PROJECT
ENVIRONMENTAL STATEMENT
VOLUME 2 CHAPTER 2

FIGURE TITLE:
TURBINE HALL EAST ELEVATION (UNIT 1)

FIGURE NO: **FIGURE 2.6** REVISION: **01**

DATE: **SEPT 2011** DRAWN: **D.M** SCALE: **SEE SCALE BAR**





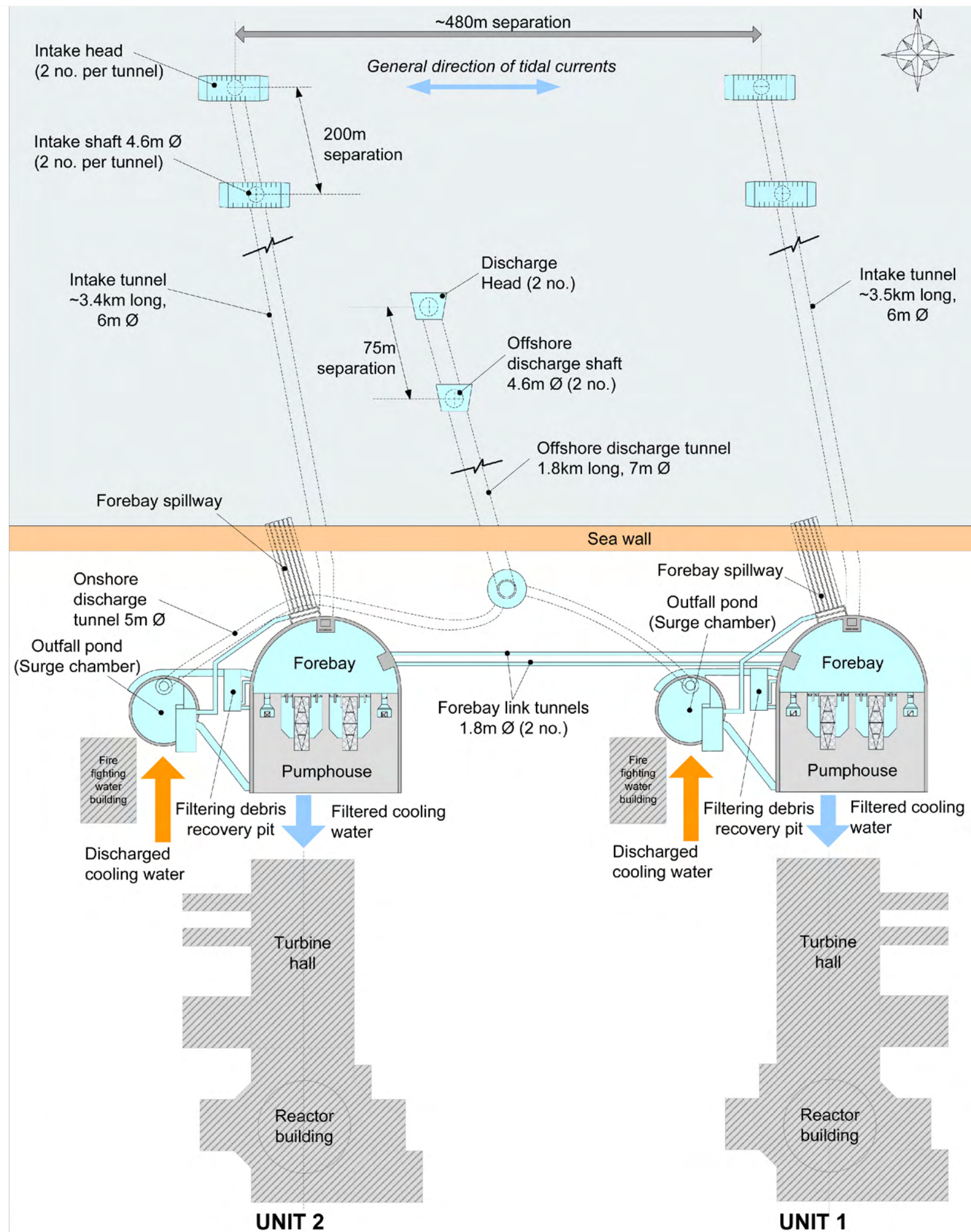
DOCUMENT:
**HINKLEY POINT C PROJECT
 ENVIRONMENTAL STATEMENT
 VOLUME 2 CHAPTER 2**

FIGURE TITLE:
TURBINE HALL WEST ELEVATION (UNIT 1)

FIGURE NO: **FIGURE 2.7** REVISION: **01**

DATE: **SEPT 2011** DRAWN: **D.M** SCALE: **SEE SCALE BAR**

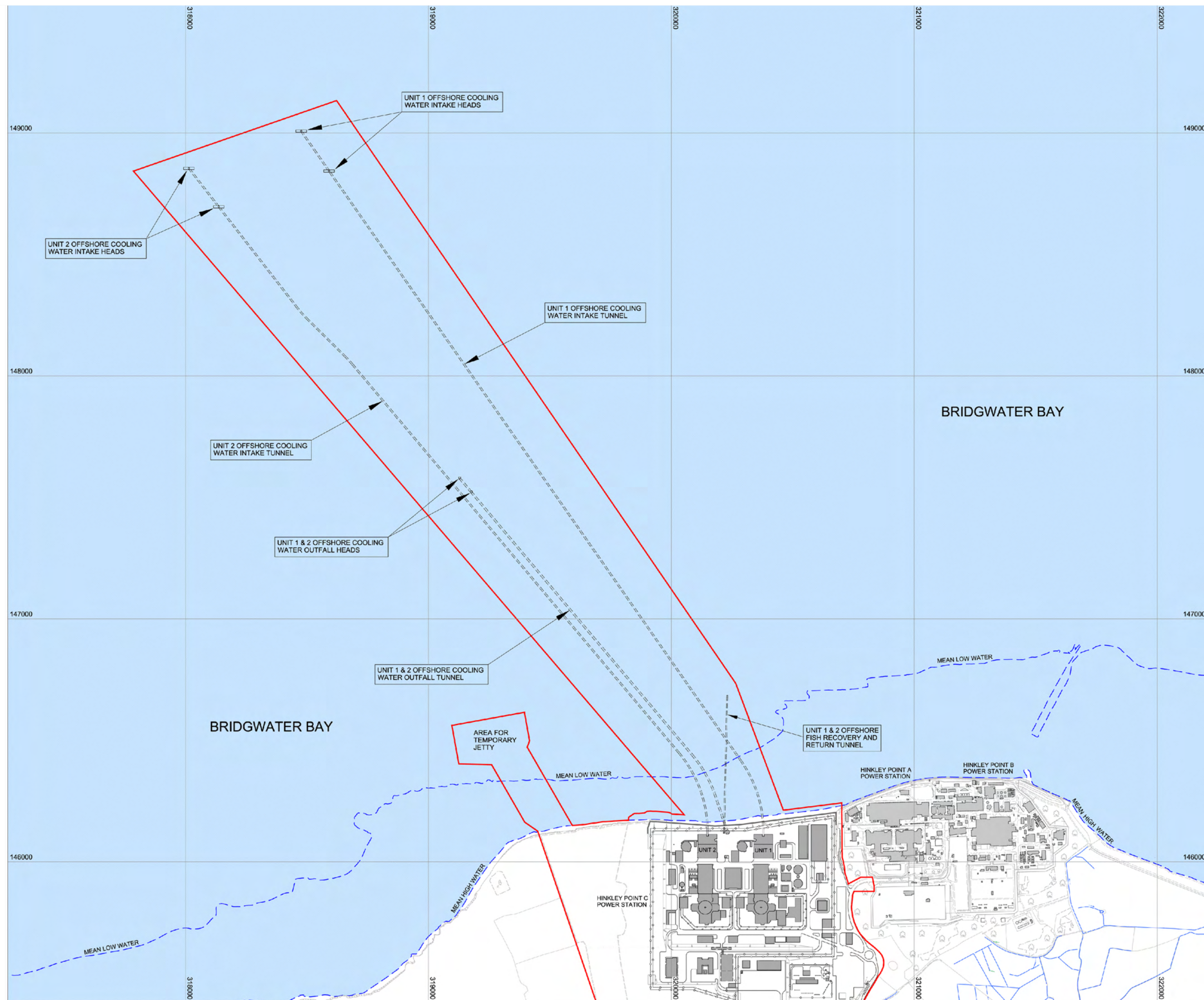




DOCUMENT:
**HINKLEY POINT C PROJECT
 ENVIRONMENTAL STATEMENT
 VOLUME 2 CHAPTER 2**

FIGURE TITLE:
**SCHEMATIC ILLUSTRATION OF THE
 COOLING WATER INFRASTRUCTURE**

FIGURE NO: **FIGURE 2.8** REVISION: **01**
 DATE: **SEPT 2011** DRAWN: **D.M** SCALE: **NOT TO SCALE**



NOTE

1. EDF AERIAL TOPOGRAPHY SURVEY MAPPING DATA WITH A BASE SCALE OF 1:1000 ADOPTED AS DRAWING BACKGROUND TOPOGRAPHY DATA
2. THE MEAN HIGH AND LOW WATER MARK LINES INDICATED ARE BASED ON GIS ORDNANCE SURVEY MASTERMAP TOPOGRAPHY LAYER DATA WITH A BASE SCALE OF 1:1250
3. ALL CO-ORDINATES ARE IN METRES AND ARE BASED ON THE NATIONAL GRID

KEY

HINKLEY POINT C DEVELOPMENT SITE BOUNDARY

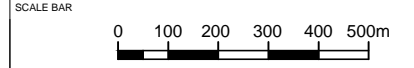


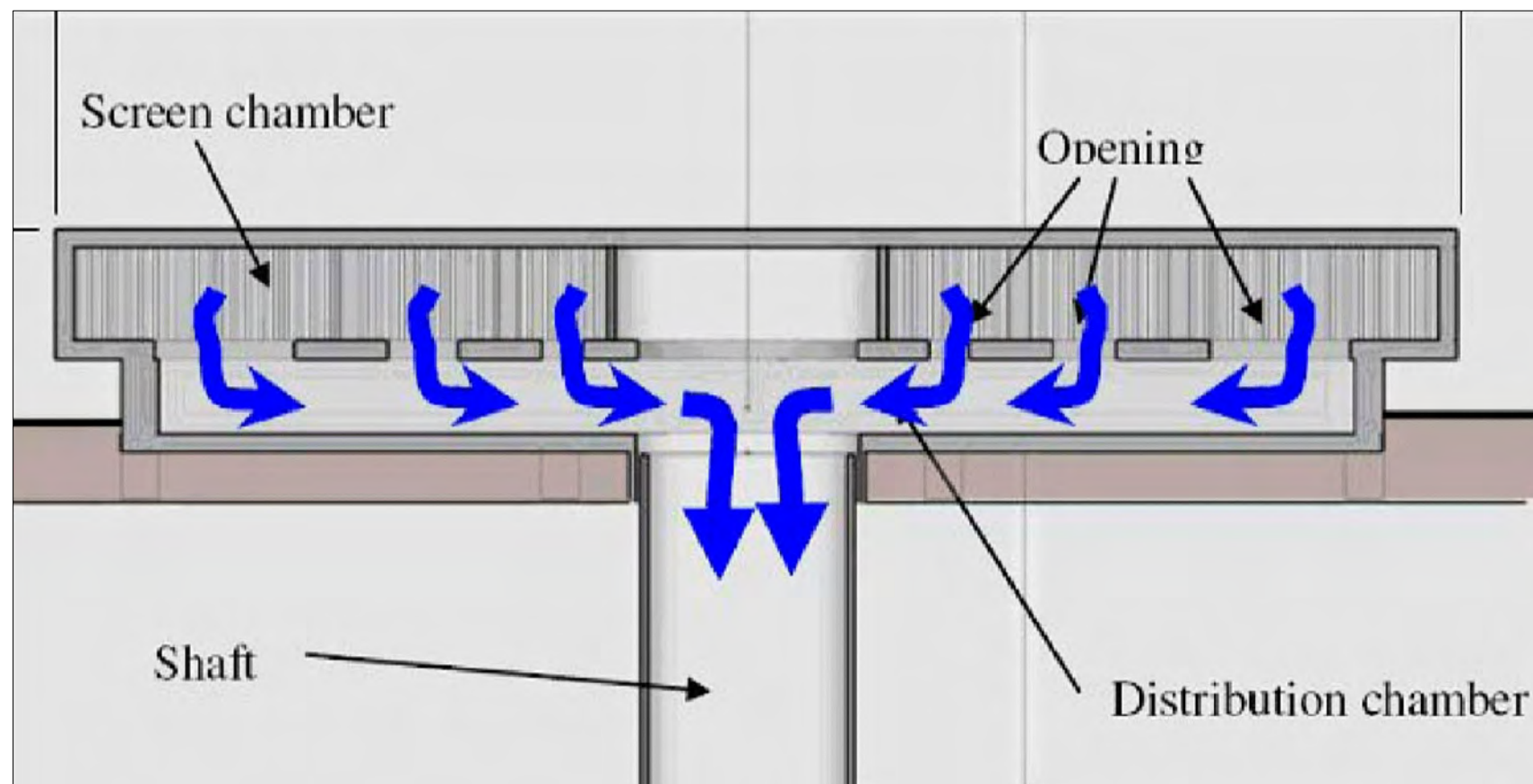
DOCUMENT:
HINKLEY POINT C PROJECT ENVIRONMENTAL STATEMENT VOLUME 2 CHAPTER 2

FIGURE TITLE:
OFFSHORE LAYOUT OF COOLING WATER TUNNELS, FISH RECOVERY AND RETURN TUNNEL, AND ASSOCIATED INFRASTRUCTURE

FIGURE NO: **FIGURE 2.9** REVISION: **01**

DATE: **SEPT 2011** DRAWN: **S.G.** SCALE: **1:5,000 @ A0**



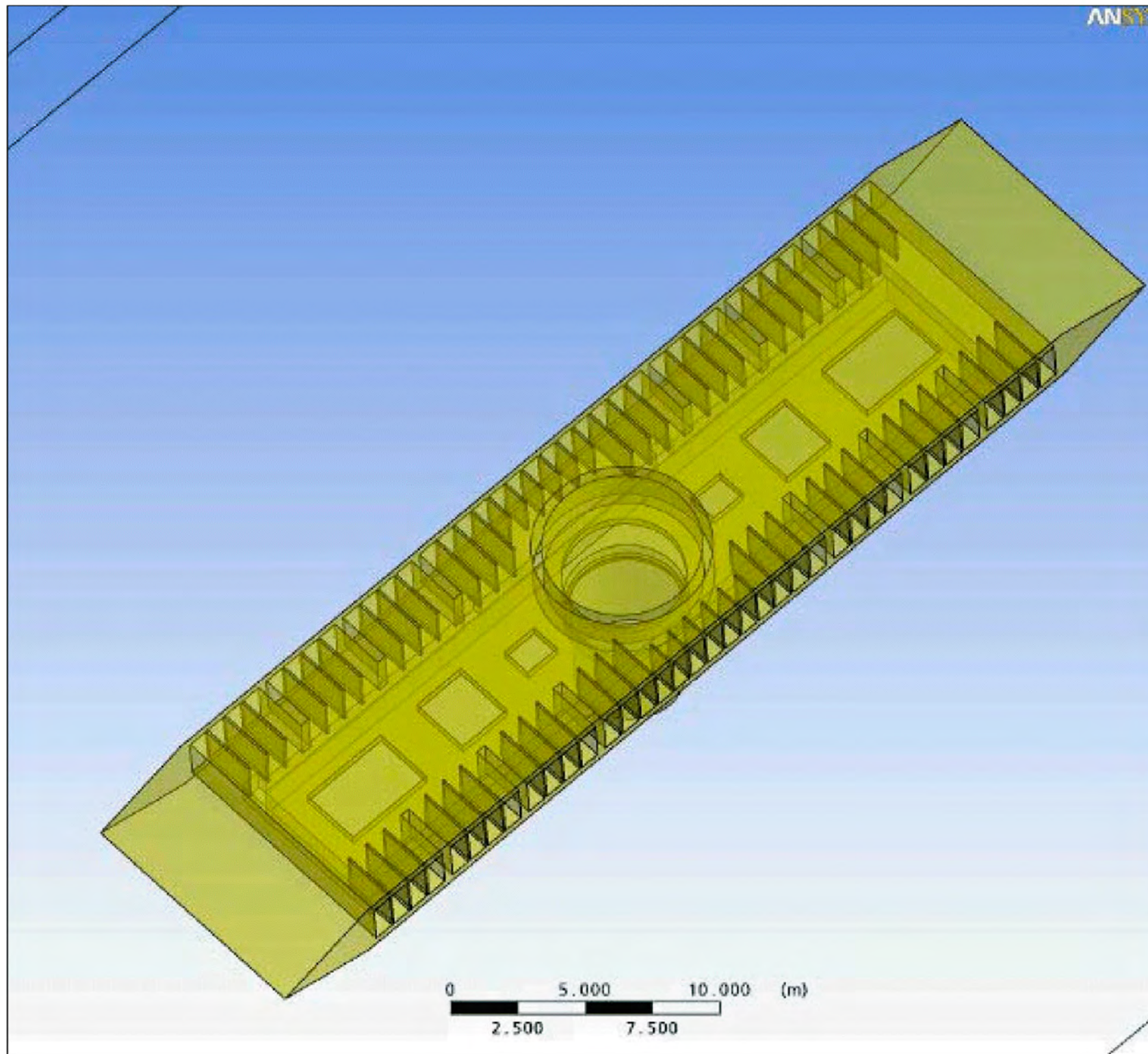


DOCUMENT:
 HINKLEY POINT C PROJECT
 ENVIRONMENTAL STATEMENT
 VOLUME 2 CHAPTER 2

FIGURE TITLE:
 ILLUSTRATIVE CROSS-SECTION OF THE
 INTAKE HEAD

FIGURE NO: FIGURE 2.10	REVISION: 01
DATE: SEPT 2011	DRAWN: S.C
SCALE: NOT TO SCALE	

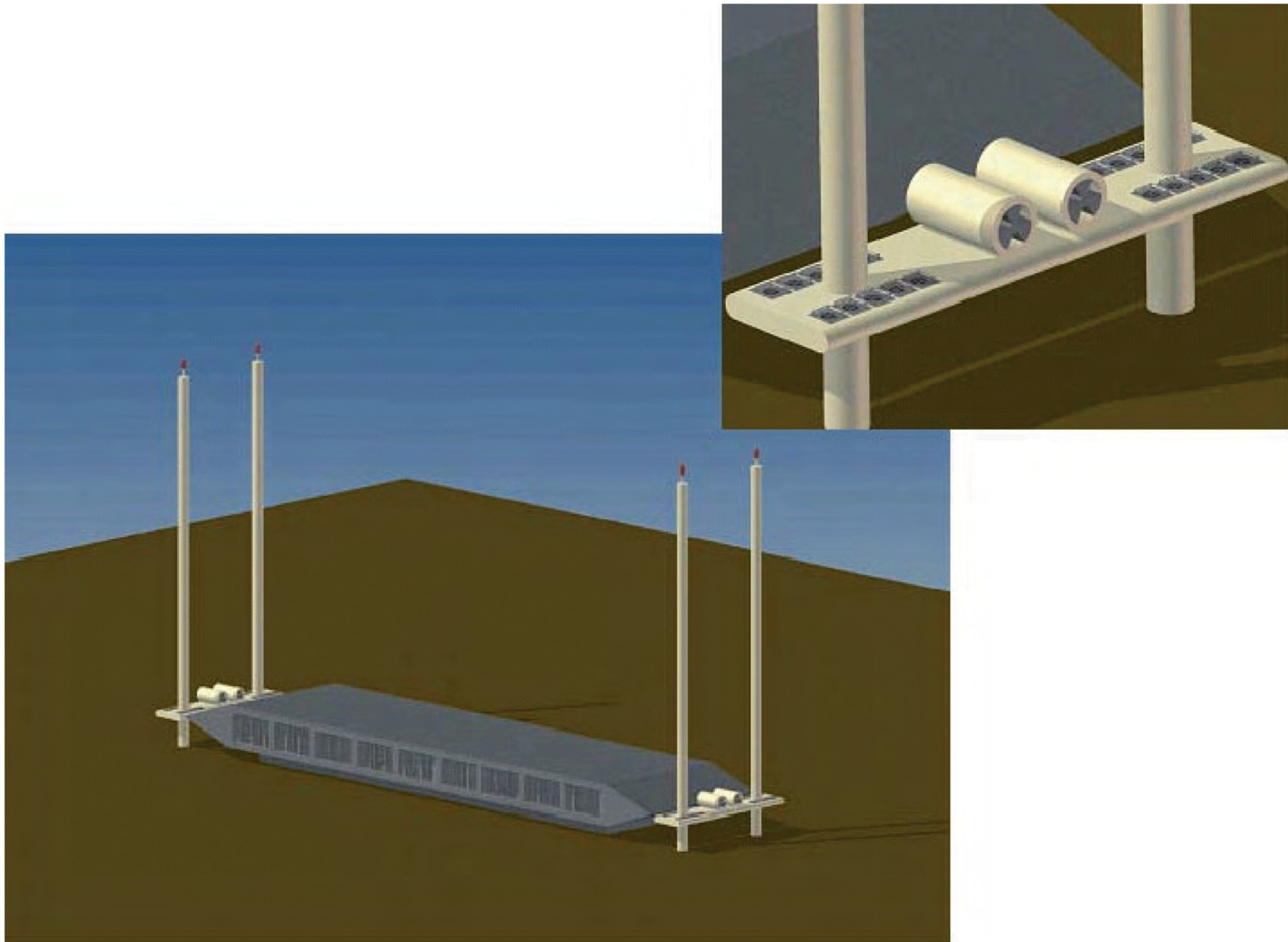
SCALE BAR



DOCUMENT:
**HINKLEY POINT C PROJECT
 ENVIRONMENTAL STATEMENT
 VOLUME 2 CHAPTER 2**

FIGURE TITLE:
**ILLUSTRATION OF THE INTAKE HEAD
 LAYOUT**

FIGURE NO: FIGURE 2.11	REVISION: 01
DATE: SEPT 2011	DRAWN: SCALE: S.C NOT TO SCALE



DOCUMENT:
**HINKLEY POINT C PROJECT
 ENVIRONMENTAL STATEMENT
 VOLUME 2 CHAPTER 2**

FIGURE TITLE:
**ILLUSTRATION OF THE INTAKE WITH THE
 ACOUSTIC FISH DETERRENT SYSTEM**

FIGURE NO:	REVISION:
FIGURE 2.12	01

DATE:	DRAWN:	SCALE:
SEPT 2011	S.C	NOT TO SCALE

SCALE BAR



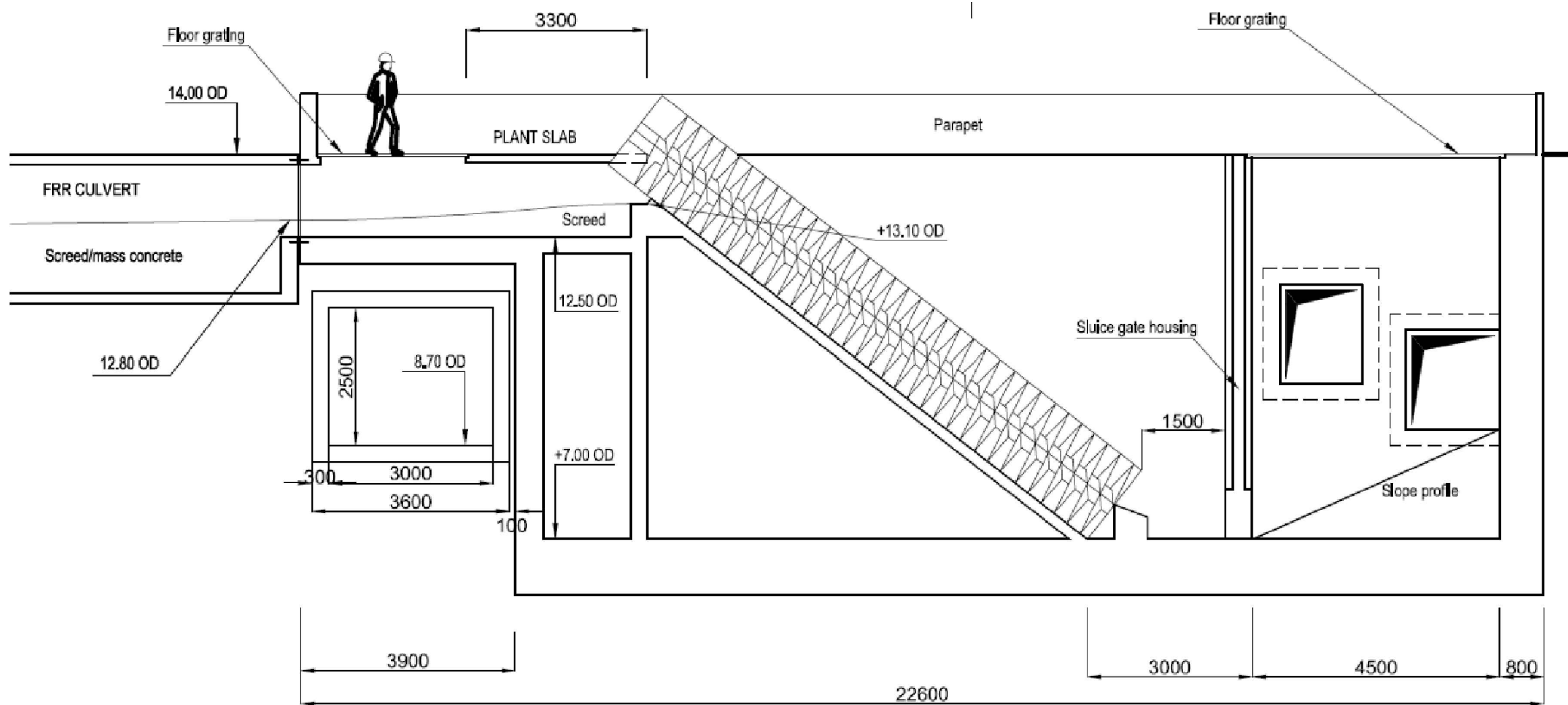
DOCUMENT:
**HINKLEY POINT C PROJECT
 ENVIRONMENTAL STATEMENT
 VOLUME 2 CHAPTER 2**

FIGURE TITLE:
**COOLING WATER PUMPHOUSE, FOREBAY,
 OUTFALL POND AND FILTERING DEBRIS
 RECOVERY PIT. NORTH AND SOUTH
 ELEVATIONS**

FIGURE NO: **FIGURE 2.13** REVISION: **01**

DATE: **SEPT 2011** DRAWN: **D.M** SCALE: **SEE SCALE BAR**





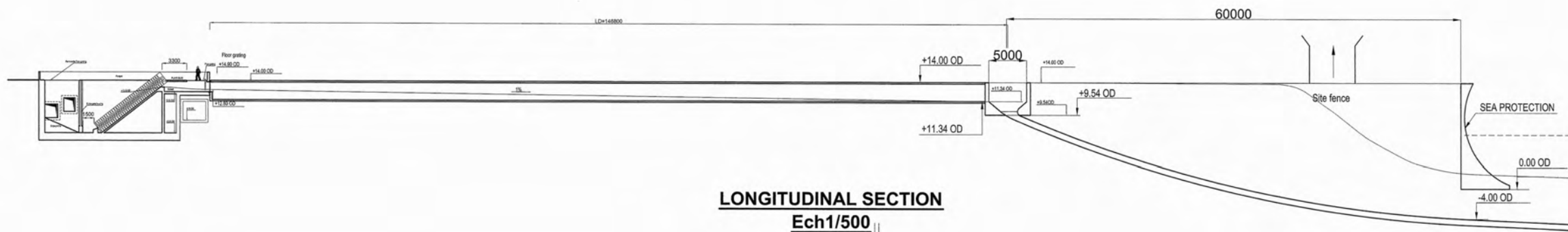
DOCUMENT:
 HINKLEY POINT C PROJECT
 ENVIRONMENTAL STATEMENT
 VOLUME 2 CHAPTER 2

FIGURE TITLE:
 ILLUSTRATION OF THE ARCHIMEDEAN
 SCREW PUMP SYSTEM

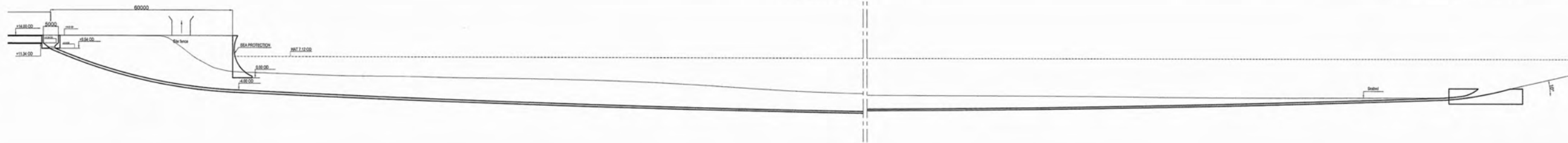
FIGURE NO: FIGURE 2.14	REVISION: 01
DATE: SEPT 2011	DRAWN: D.M
SCALE: NOT TO SCALE	

SCALE BAR

TRANSVERSAL SECTION
Ech1/200



LONGITUDINAL SECTION
Ech1/500



DOCUMENT:
HINKLEY POINT C PROJECT
ENVIRONMENTAL STATEMENT
VOLUME 2 CHAPTER 2

FIGURE TITLE:
INDICATIVE CROSS-SECTIONS OF THE
FISH RECOVERY AND RETURN SYSTEM

FIGURE NO: **FIGURE 2.15** REVISION: **01**

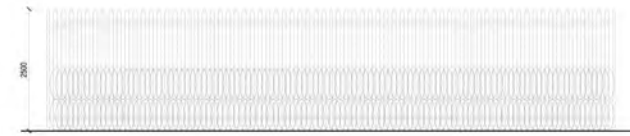
DATE: **SEPT 2011** DRAWN: **S.C** SCALE: **NOT TO SCALE**

SCALE BAR

PERIMETER FENCES



1 PART ELEVATION FENCE CLASS 01
SCALE 1:50

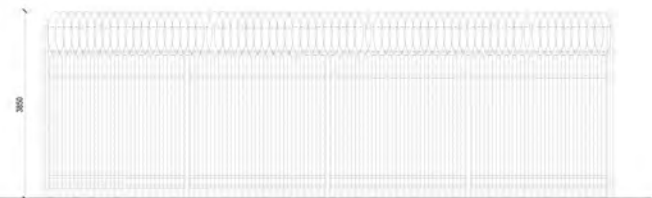


2 PART ELEVATION FENCE CLASS 02
SCALE 1:50

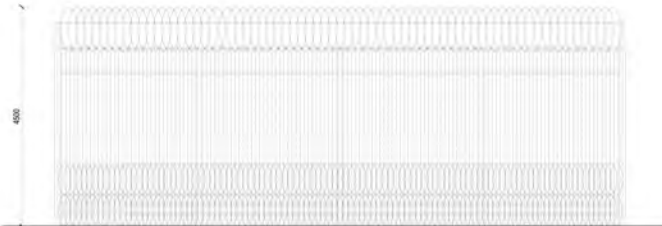


3 TYPICAL SECTION ILLUSTRATING CLASS 01 AND 02 FENCE TYPES
SCALE 1:50

HIGH SECURITY AREA FENCES



4 PART ELEVATION FENCE CLASS 03
SCALE 1:50

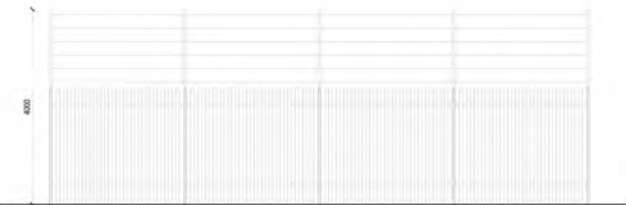


5 PART ELEVATION FENCE CLASS 04
SCALE 1:50

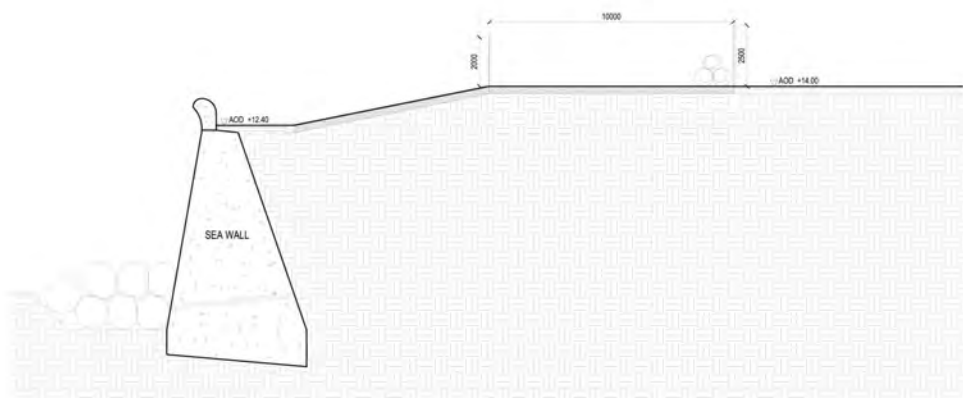


6 TYPICAL SECTION ILLUSTRATING CLASS 03 AND 04 FENCE TYPES
SCALE 1:50

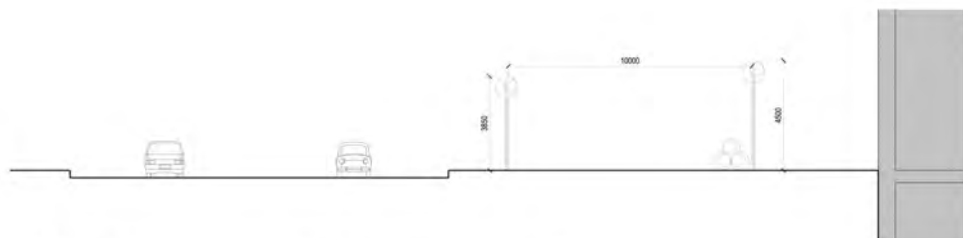
NATIONAL GRID FENCE



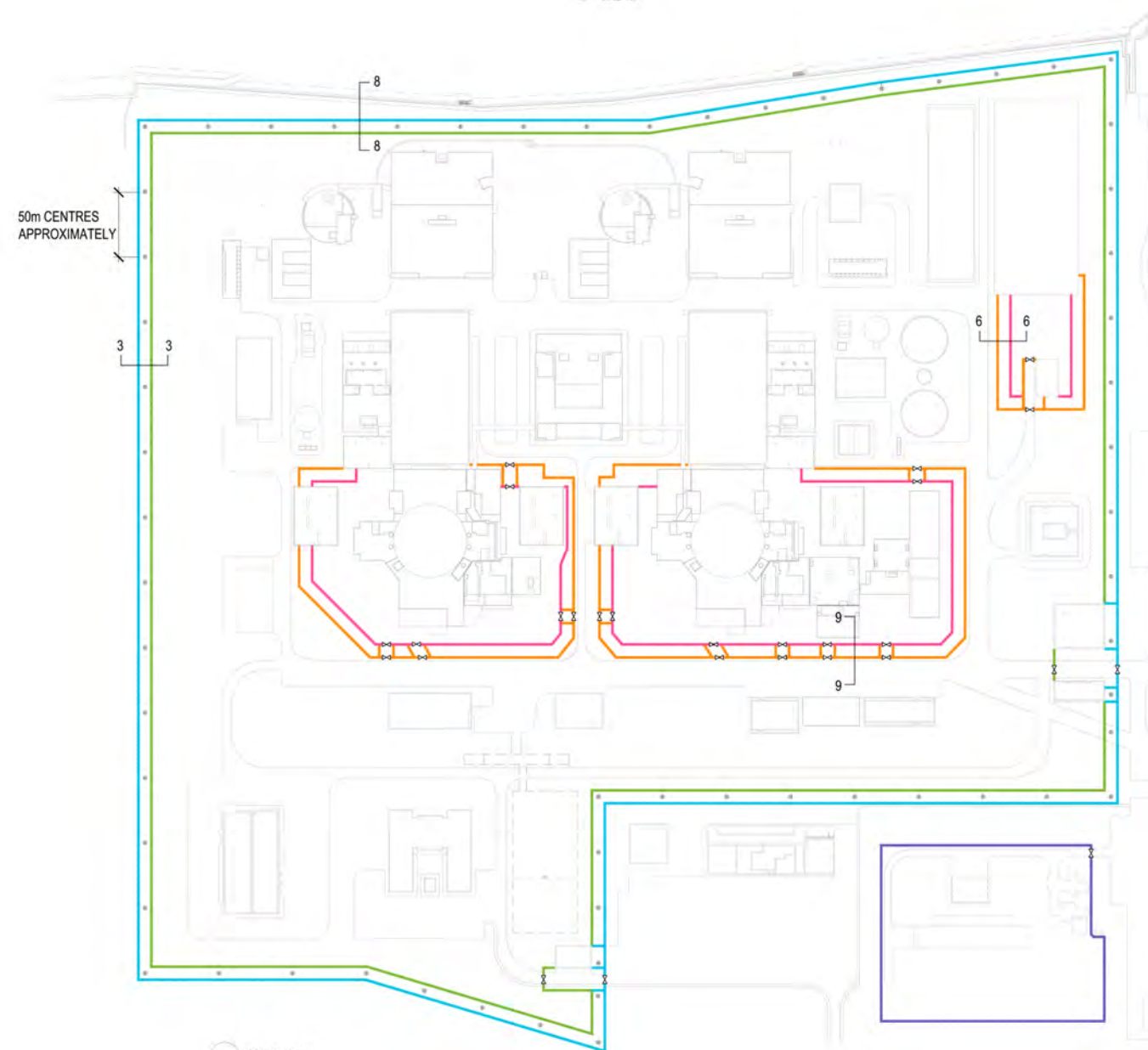
7 PART ELEVATION NATIONAL GRID FENCE
SCALE 1:50



8 TYPICAL SECTION ILLUSTRATING SEA WALL CONDITION
SCALE 1:50











9 TYPICAL SECTION ILLUSTRATING HIGH SECURITY FENCE FOR NUCLEAR ISLAND (CLASS 3 & 4 FENCES)
SCALE 1:100



10 LOCATION PLAN
SCALE NONE

KEY

-  PERIMETER FENCE-CLASS 01
-  PERIMETER FENCE-CLASS 02
-  HIGH SECURITY FENCE-CLASS 03
-  HIGH SECURITY FENCE-CLASS 04
-  NATIONAL GRID FENCE
-  ACCES GATE
-  OCTV COLUMNS-INDICATIVE LOCATION
-  BARBED TAPE



DOCUMENT:
HINKLEY POINT C PROJECT ENVIRONMENTAL STATEMENT VOLUME 2 CHAPTER 2

FIGURE TITLE:
ILLUSTRATIVE FENCING ARRANGEMENTS

FIGURE NO: **FIGURE 2.16** REVISION: **01**

DATE: **SEPT 2011** DRAWN: **D.M** SCALE: **VARIOUS@A0**

SCALE BAR

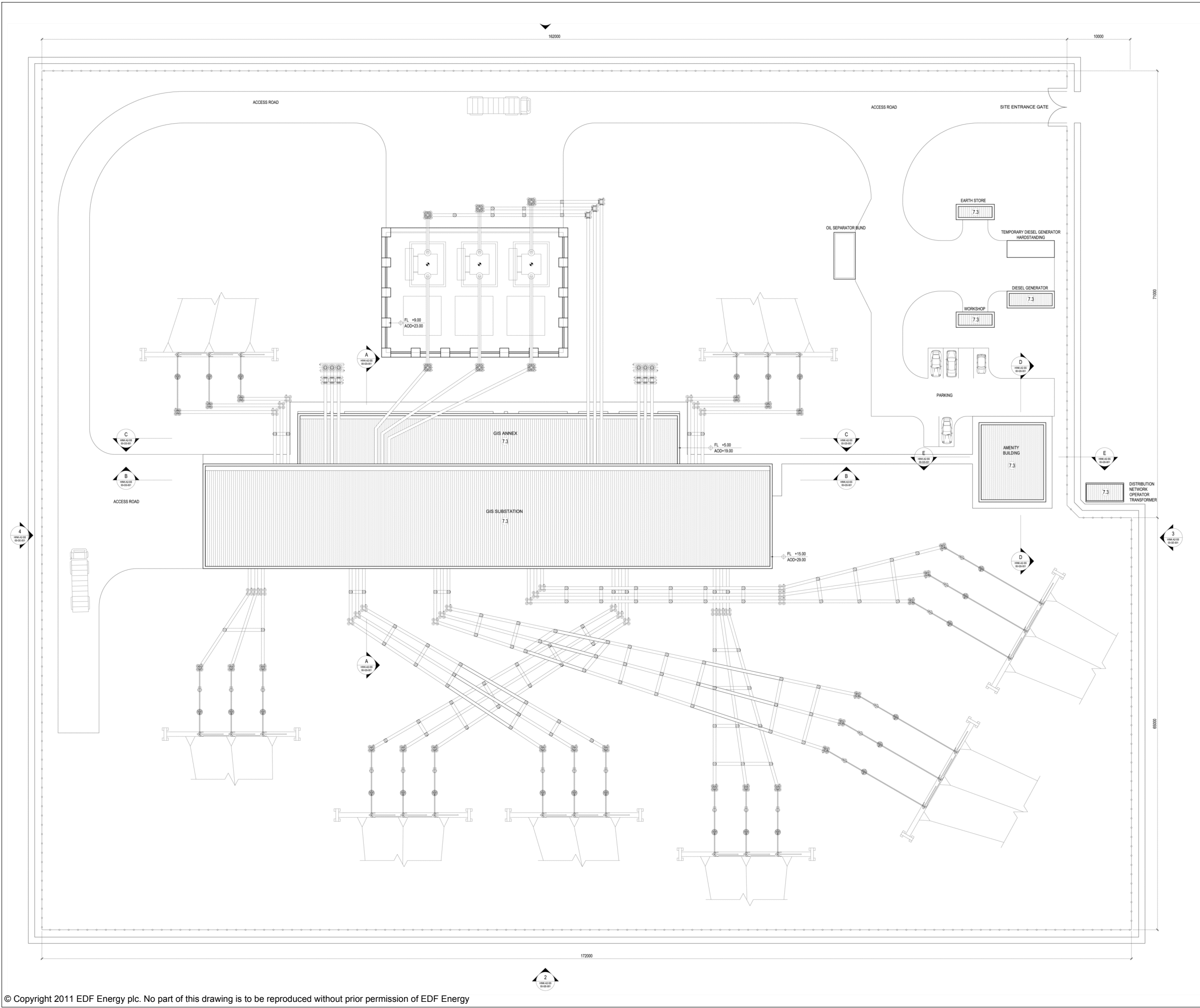


DOCUMENT:
**HINKLEY POINT C PROJECT
 ENVIRONMENTAL STATEMENT
 VOLUME 2 CHAPTER 2**

FIGURE TITLE:
**NATIONAL GRID SUBSTATION
 NORTH AND WEST ELEVATION**

FIGURE NO: FIGURE 2.17	REVISION: 01
DATE: SEPT 2011	DRAWN: D.M
SCALE: SEE SCALE BAR	



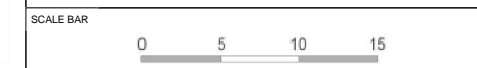


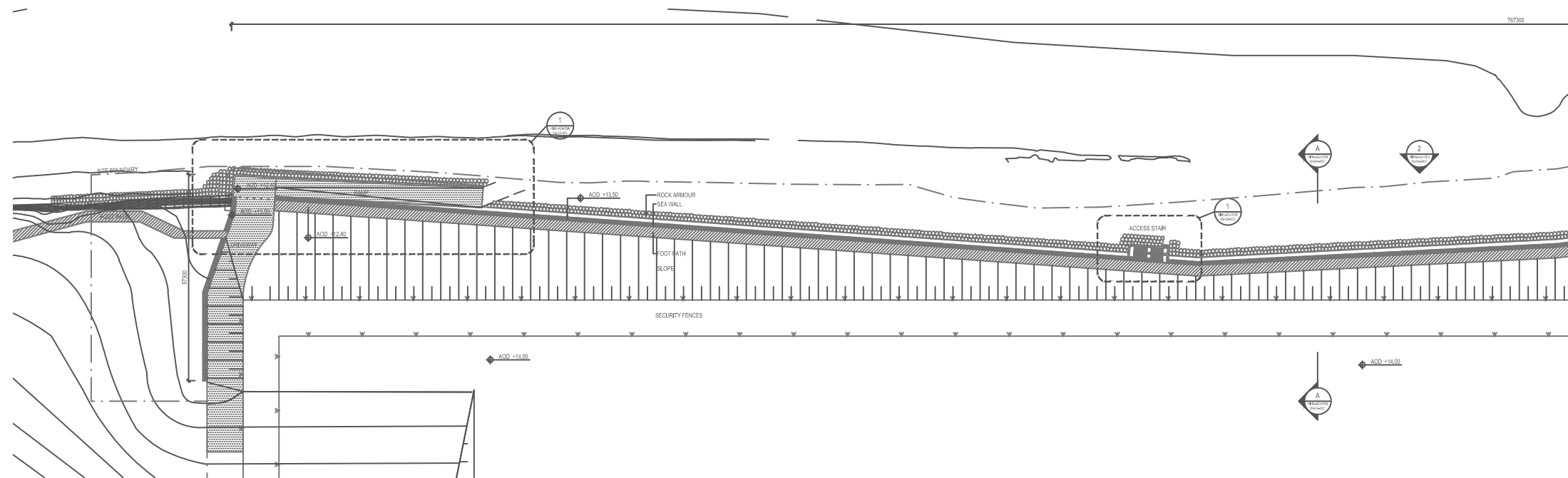
DOCUMENT:
**HINKLEY POINT C PROJECT
 ENVIRONMENTAL STATEMENT
 VOLUME 2 CHAPTER 2**

FIGURE TITLE:
NATIONAL GRID SUBSTATION PLAN

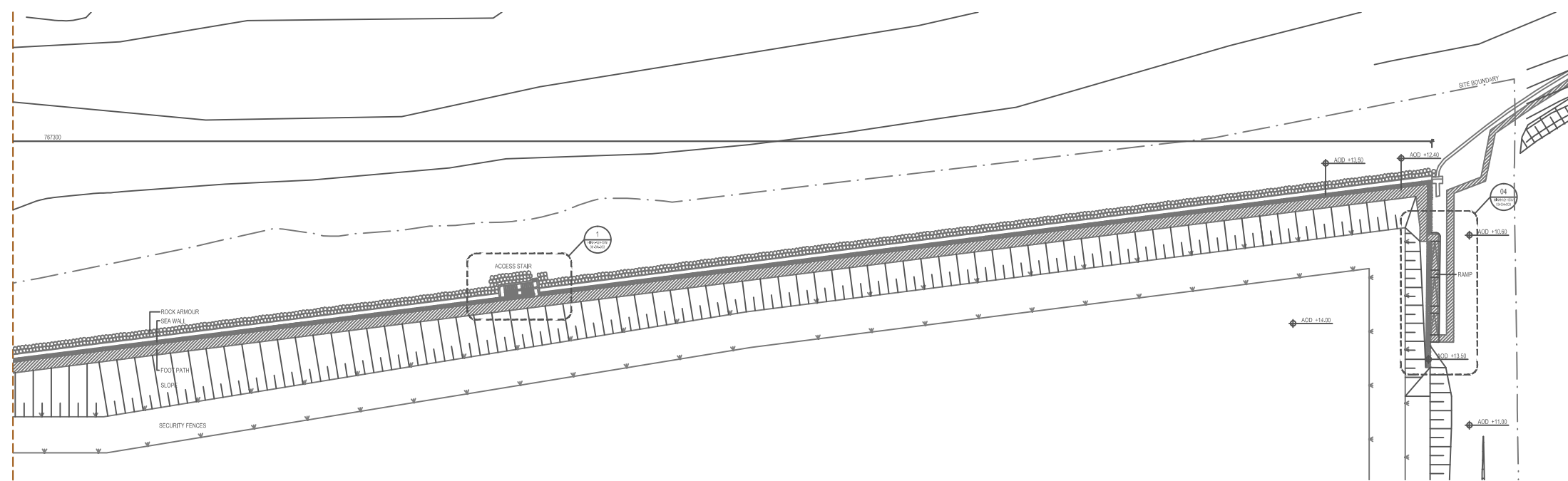
FIGURE NO: **FIGURE 2.18** REVISION: **01**

DATE: **SEPT 2011** DRAWN: **D.M** SCALE: **SEE SCALE BAR**

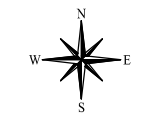




1 PLAN 1 OF 2
SCALE: 1:500



2 PLAN 2 OF 2
SCALE: 1:500

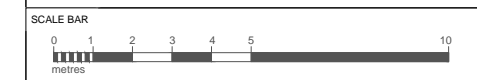


DOCUMENT:
**HINKLEY POINT C PROJECT
ENVIRONMENTAL STATEMENT
VOLUME 2 CHAPTER 2**

FIGURE TITLE:
SEA WALL PLANS

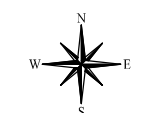
FIGURE NO: **FIGURE 2.19** REVISION: **01**

DATE: **SEPT 2011** DRAWN: **Y.M** SCALE: **1:500@A0**



DRAWING SYMBOLS & LEGEND

	HINKLEY POINT C PERMANENT DEVELOPMENT SITE BOUNDARY
	SECURITY FENCE
	EMBANKMENT
	ROCK ARMOUR
	COASTAL FOOTPATH
	SEA WALL
	EARTH
	GRASS



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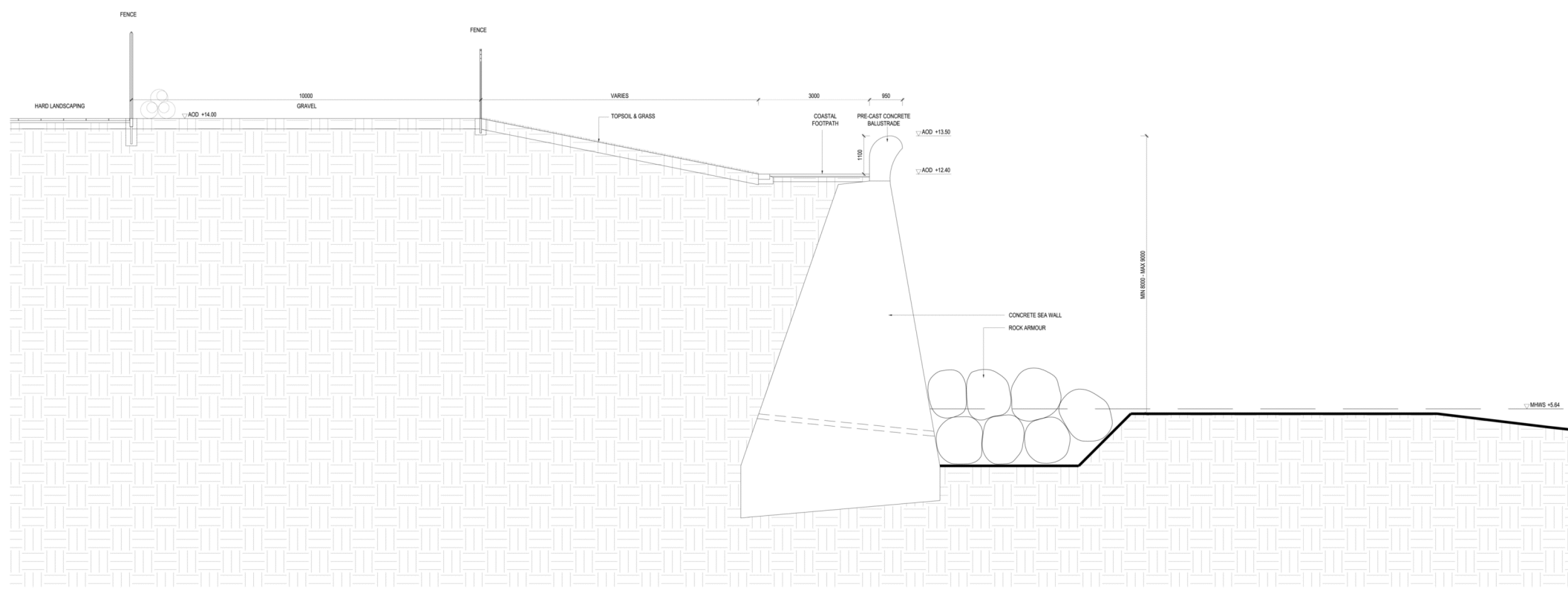
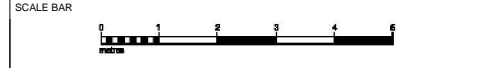


DOCUMENT:
HINKLEY POINT C PROJECT ENVIRONMENTAL STATEMENT VOLUME 2 CHAPTER 2

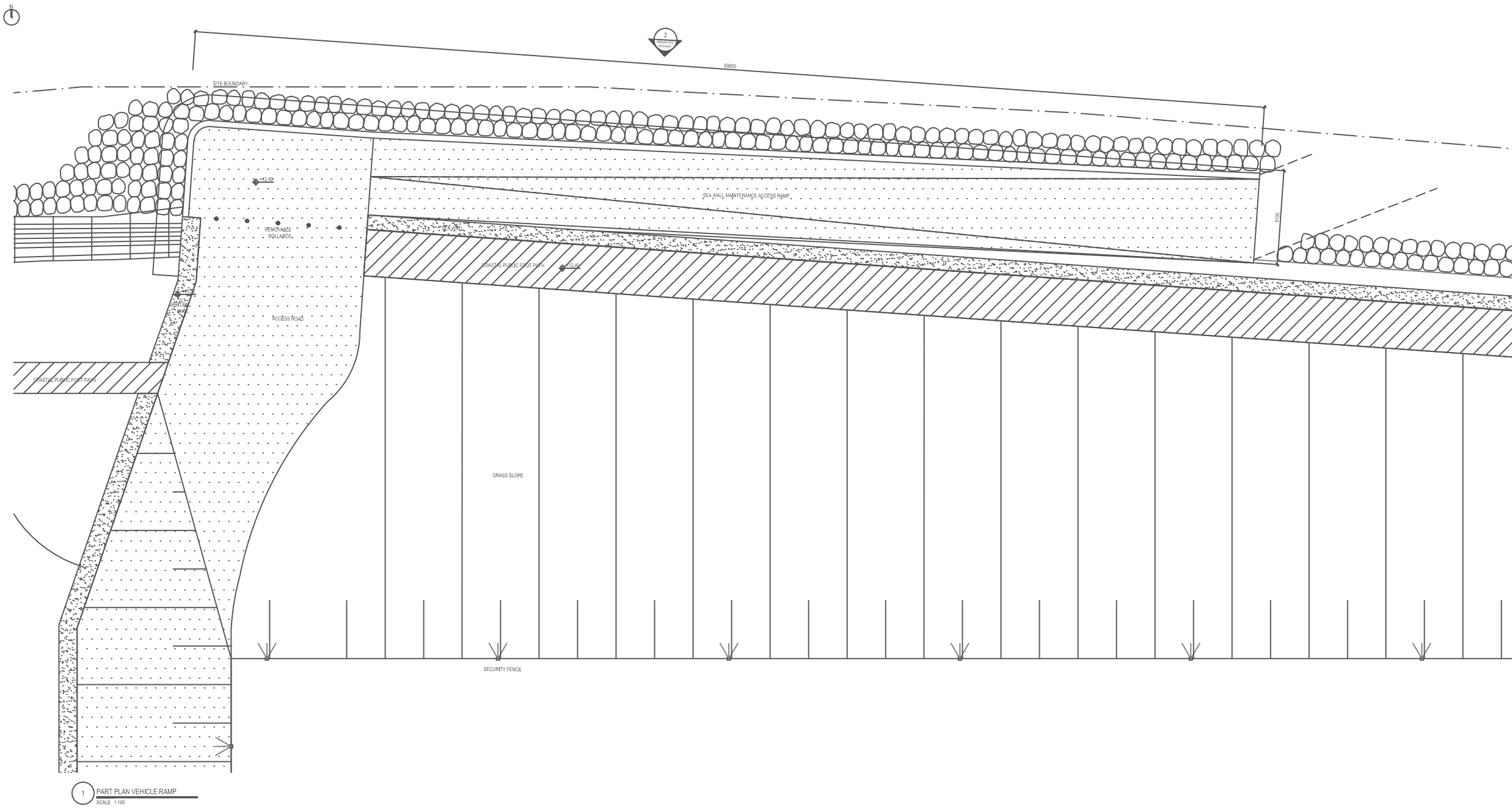
FIGURE TITLE:
SEA WALL SECTION

FIGURE NO: **FIGURE 2.20** REVISION: **01**

DATE: **SEPT 2011** DRAWN: **Y.M** SCALE: **1:50@A0**

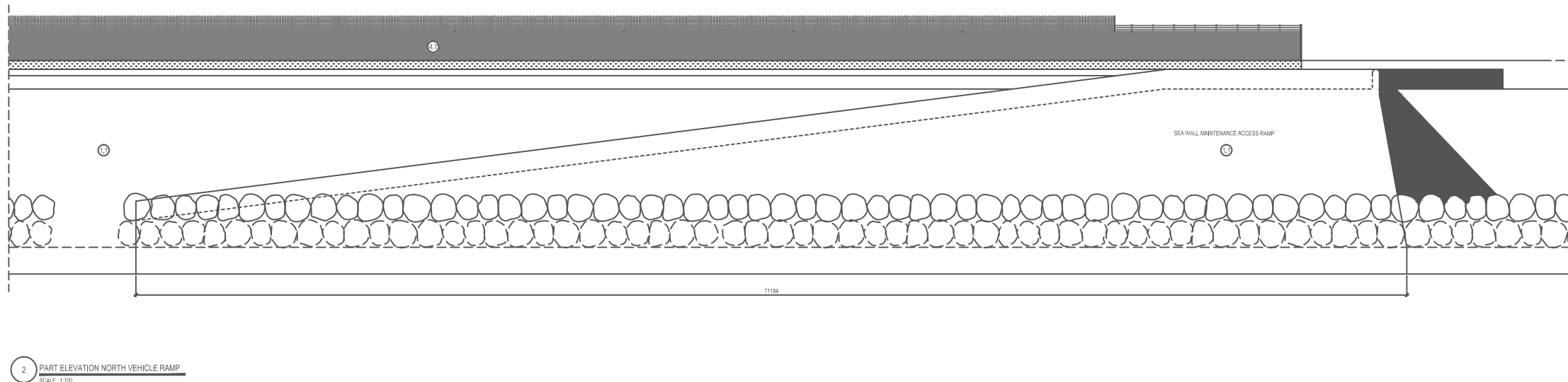


1 SECTION AA
 SCALE 1:50



MATERIALS KEY:

- VERTICAL ENCLOSURE - WALL**
- 1 CONCRETE / RENDER FINISHES**
- 1.1 IN-SITU CONCRETE
 - 1.2 PRE-CAST CONCRETE
 - 1.3 RENDER FINISH
- 2 CLADDING**
- 2.1 ALUMINIUM STANDING SEAM
 - 2.2 ALUMINIUM PANELS
 - 2.3 ALUMINIUM PLANKS
 - 2.4 PROFILED STEEL PANELS
 - 2.5 FLAT STEEL PANELS
 - 2.6 FIBRE CEMENT CLADDING
 - 2.7 GLASS REINFORCED PLASTIC
- 3 GLAZING / TRANSLUCENT MATERIALS**
- 3.1 CAST GLASS C-CHANNEL
 - 3.2 FRAMELESS GLAZING
 - 3.3 FRAMED GLAZING
 - 3.4 OPAQUE GLAZED SPANDREL PANEL
 - 3.5 POLYCARBONATE TRANSLUCENT CLADDING
- 4 EXTERNAL WALL FEATURES**
- 4.1 ALUMINIUM TRIMS, COPINGS AND CASINGS
 - 4.2 ALUMINIUM LOUVRES
 - 4.3 GLASS LOUVRES
 - 4.4 ALUMINIUM BRISE-SOLEIL
 - 4.5 GLASS BRISE-SOLEIL
 - 4.6 MESH EXPANDED METAL PANELS
 - 4.7 FENCING
 - 4.8 BARBED TAPE
 - 4.9 RETRACTABLE STEEL SHUTTERS
- 5 DOORS**
- 5.1 METAL DOOR
 - 5.2 METAL LOUVRE DOOR
 - 5.3 GLAZED DOOR
 - 5.4 ACCESS GATES
- 6 WINDOW / METALWORK ACCESSORIES**
- 6.1 EXTERNAL FABRIC BLINDS
 - 6.2 CAVITY VENETIAN BLINDS
 - 6.3 GLAZED BALUSTRADE
 - 6.4 METAL STAIRS AND LADDERS
- HORIZONTAL ENCLOSURE - ROOF**
- 7 ROOFING**
- 7.1 SEDUM ROOF
 - 7.2 BALLAST
 - 7.3 STANDING SEAM ROOF
 - 7.4 CONCRETE ROOF
- 8 ROOFING ACCESSORIES**
- 8.1 ROOF LIGHT
 - 8.2 ROOF VENTS AND HATCHES
 - 8.3 METAL CAPPINGS AND COPINGS
 - 8.4 PAVING
 - 8.5 PVS AND SOLAR PANELS
 - 8.6 TIMBER DECKING



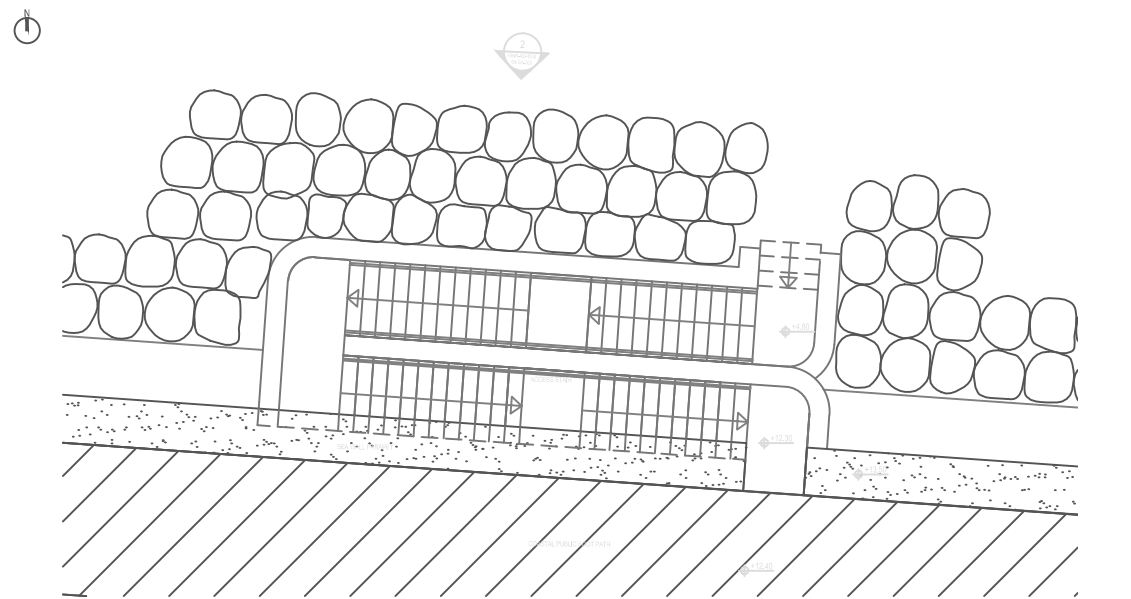
DOCUMENT:
HINKLEY POINT C PROJECT ENVIRONMENTAL STATEMENT VOLUME 2 CHAPTER 2

FIGURE TITLE:
SEA WALL VEHICLE RAMP

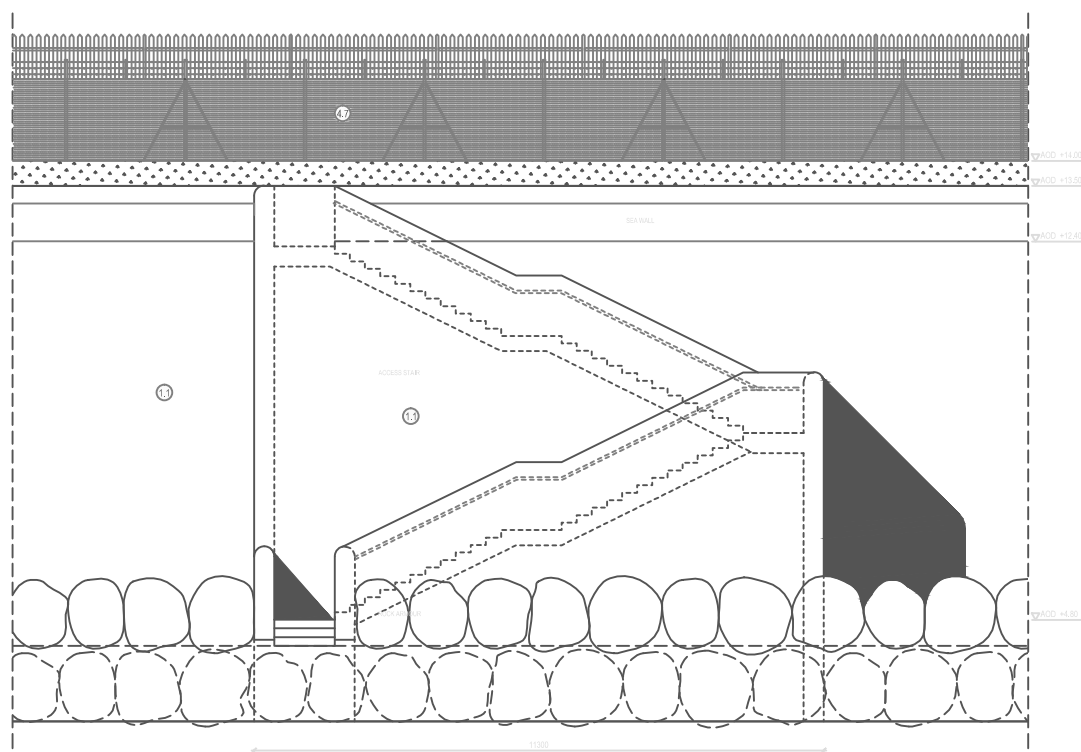
FIGURE NO: **FIGURE 2.21** REVISION: **01**

DATE: **SEPT 2011** DRAWN: **Y.M** SCALE: **1:100@A0**



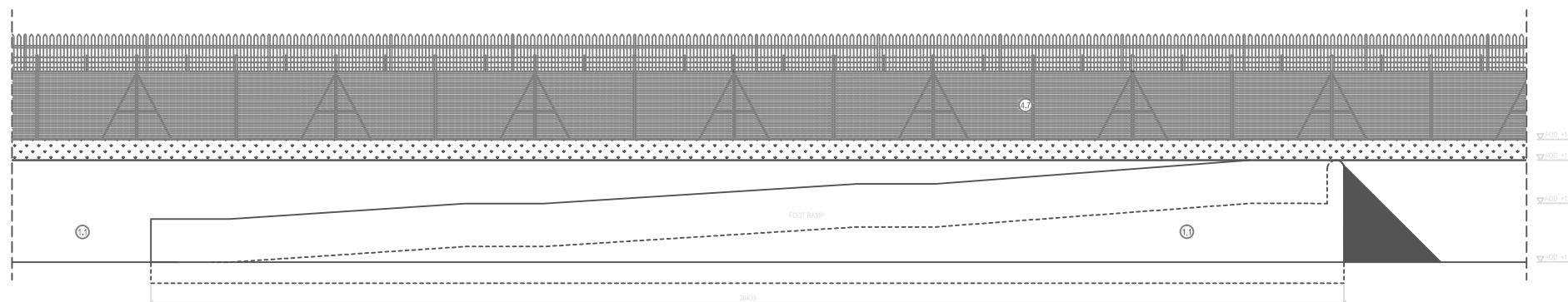


1 PART PLAN STAIR
SCALE 1:50

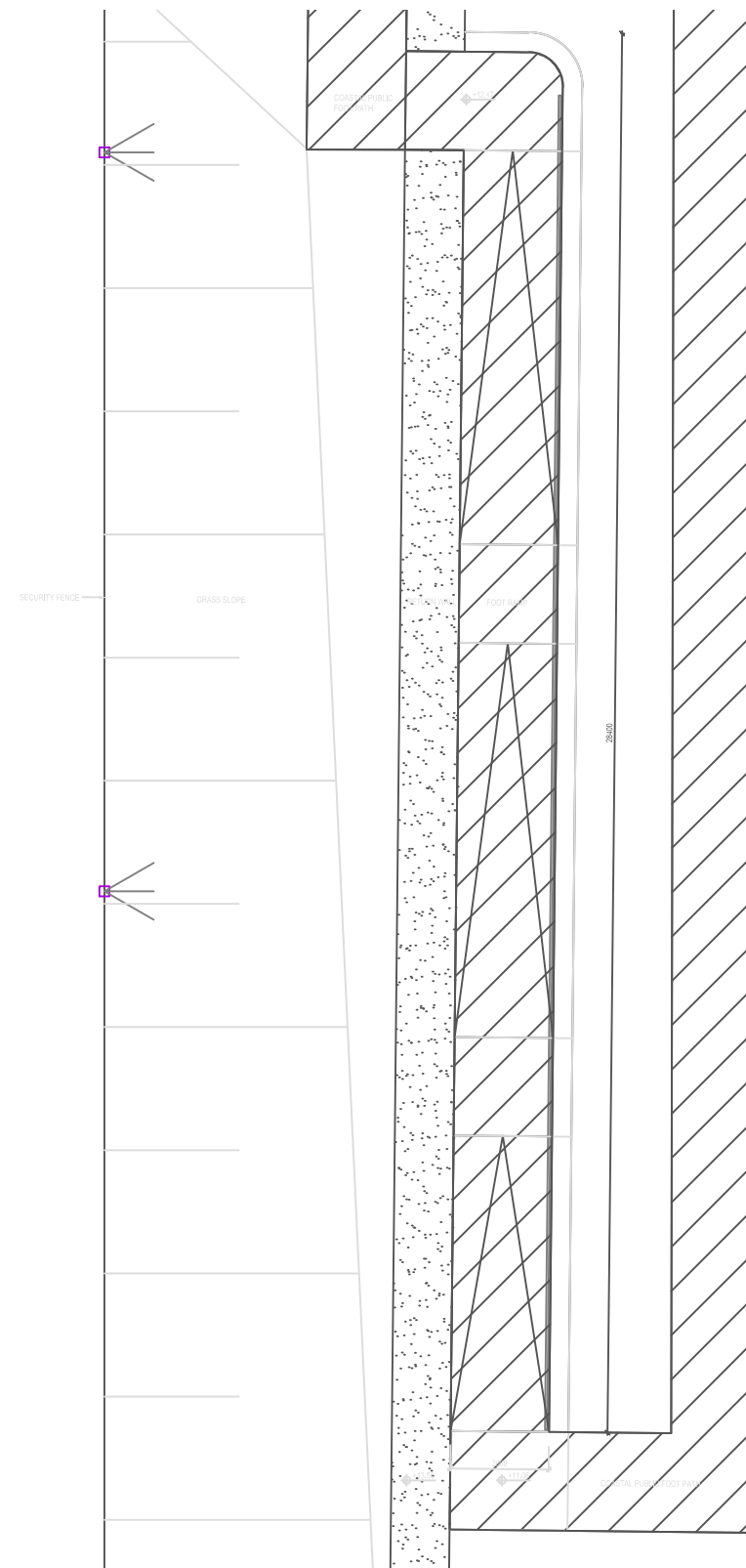


2 PART NORTH ELEVATION STAIR
SCALE 1:50

4 PART PLAN FOOT RAMP
SCALE 1:50



3 PART EAST ELEVATION FOOT RAMP
SCALE 1:50



MATERIALS KEY:

VERTICAL ENCLOSURE - WALL

- 1 CONCRETE / RENDER FINISHES**
 1.1 IN-SITU CONCRETE
 1.2 PRE-CAST CONCRETE
 1.3 RENDER FINISH

- 2 CLADDING**
 2.1 ALUMINIUM STANDING SEAM
 2.2 ALUMINIUM PANELS
 2.3 ALUMINIUM PLANKS
 2.4 PROFILED STEEL PANELS
 2.5 FLAT STEEL PANELS
 2.6 FIBRE CEMENT CLADDING
 2.7 GLASS REINFORCED PLASTIC

- 3 GLAZING / TRANSLUCENT MATERIALS**
 3.1 CAST GLASS C-CHANNEL
 3.2 FRAMELESS GLAZING
 3.3 FRAMED GLAZING
 3.4 OPAQUE GLAZED SPANDREL PANEL
 3.5 POLYCARBONATE TRANSLUCENT CLADDING

- 4 EXTERNAL WALL FEATURES**
 4.1 ALUMINIUM TRIMS, COPINGS AND CASINGS
 4.2 ALUMINIUM LOUVRES
 4.3 GLASS LOUVRES
 4.4 ALUMINIUM BRISE-SOLEIL
 4.5 GLASS BRISE-SOLEIL
 4.6 MESH EXPANDED METAL PANELS
 4.7 FENCING
 4.8 BARBED TAPE
 4.9 RETRACTABLE STEEL SHUTTERS

- 5 DOORS**
 5.1 METAL DOOR
 5.2 METAL LOUVRE DOOR
 5.3 GLAZED DOOR
 5.4 ACCESS GATES

- 6 WINDOW / METALWORK ACCESSORIES**
 6.1 EXTERNAL FABRIC BLINDS
 6.2 CAVITY VENETIAN BLINDS
 6.3 GLAZED BALUSTRADE
 6.4 METAL STAIRS AND LADDERS

HORIZONTAL ENCLOSURE - ROOF

- 7 ROOFING**
 7.1 SEDUM ROOF
 7.2 BALLAST
 7.3 STANDING SEAM ROOF
 7.4 CONCRETE ROOF

- 8 ROOFING ACCESSORIES**
 8.1 ROOF LIGHT
 8.2 ROOF VENTS AND HATCHES
 8.3 METAL COPINGS AND COPINGS
 8.4 PAVING
 8.5 PVS AND SOLAR PANELS
 8.6 TIMBER DECKING



DOCUMENT:

**HINKLEY POINT C PROJECT
 ENVIRONMENTAL STATEMENT
 VOLUME 2 CHAPTER 2**

FIGURE TITLE:

SEA WALL FOOTPATH

FIGURE NO:
FIGURE 2.22

REVISION:
01

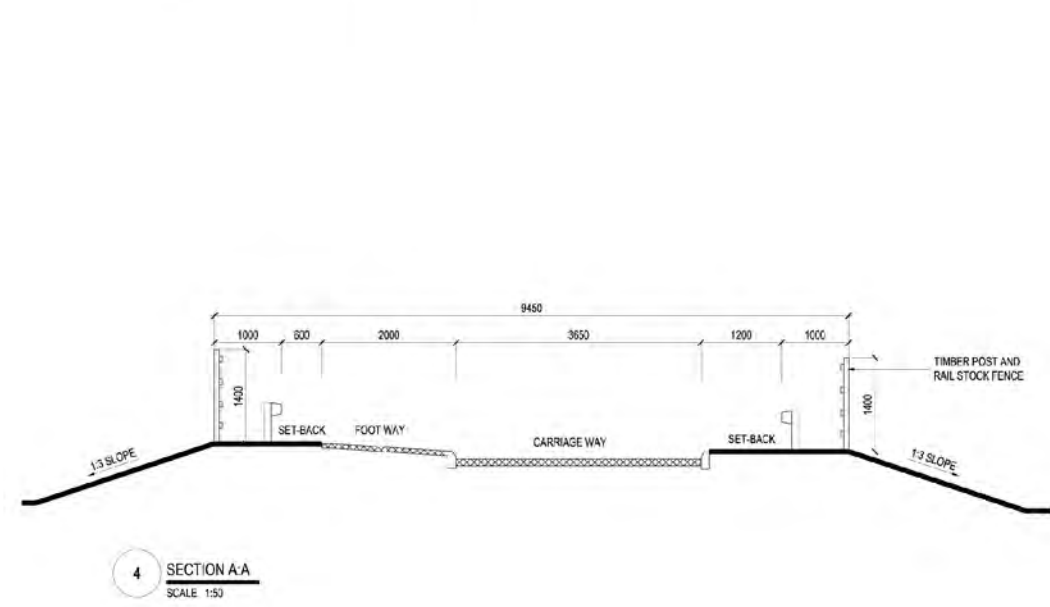
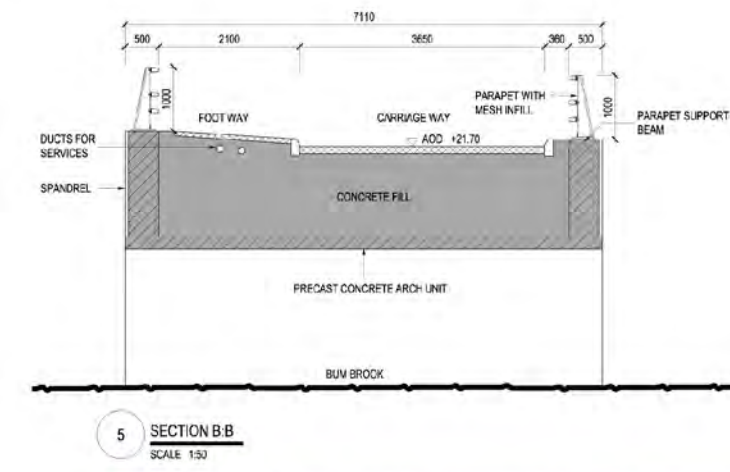
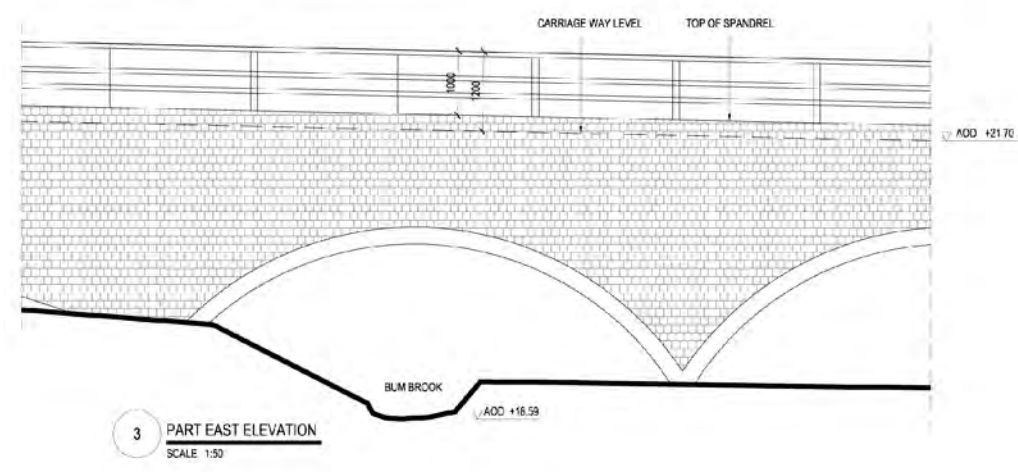
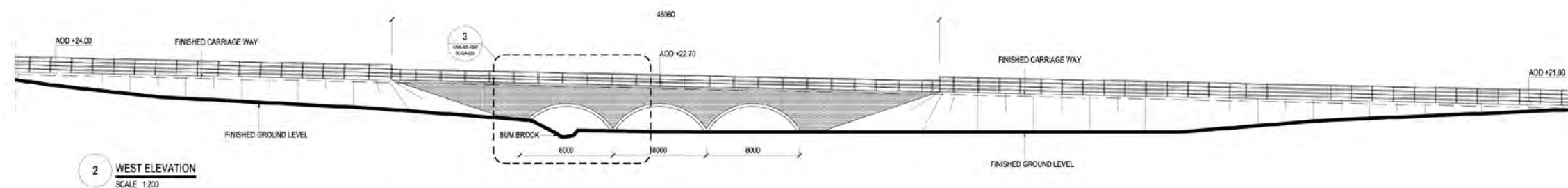
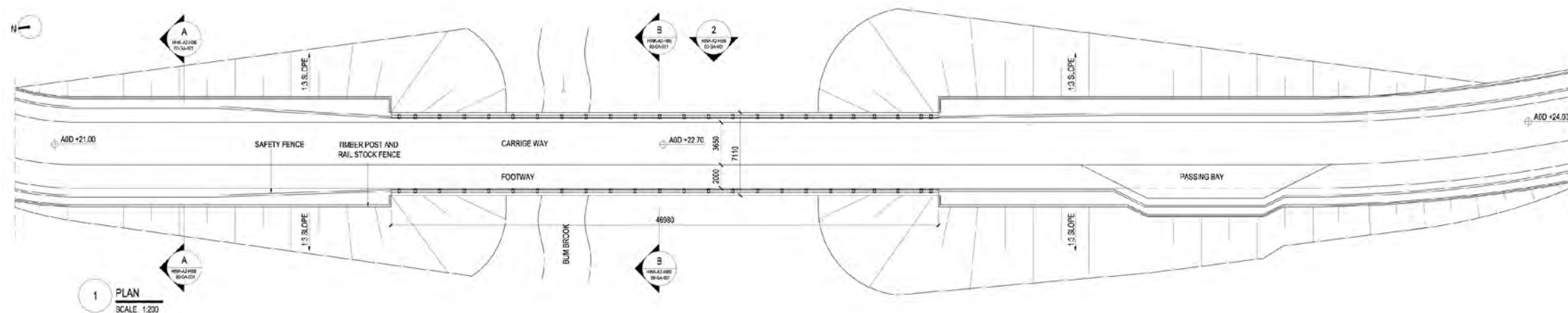
DATE:
SEPT 2011

DRAWN:
Y.M

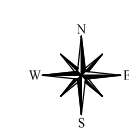
SCALE:
1:50@A0

SCALE BAR





- NOTES:**
- 1 ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE STATED.
 - 2 ALL LEVELS ARE IN METRES ABOVE ORDANANCE DATUM (MAOD) UNLESS STATED OTHERWISE.
 - 3 THE LEVELS PROVIDED WITHIN THIS DESIGN CONCEPT ARE BASED ON INFORMATION PROVIDED WITHIN THE FLOOD RISK ASSESSMENT STUDY. FURTHER TOPOGRAPHICAL, ENVIRONMENTAL CLIENT DESIGN REQUIREMENTS AND GROUND INVESTIGATION INFORMATION WILL BE REQUIRED TO ADVANCE THE DEVELOPMENT OF THE DESIGN.
 - 4 SOFFIT HEIGHT OF THE BRIDGE IS 21.2M AOD.



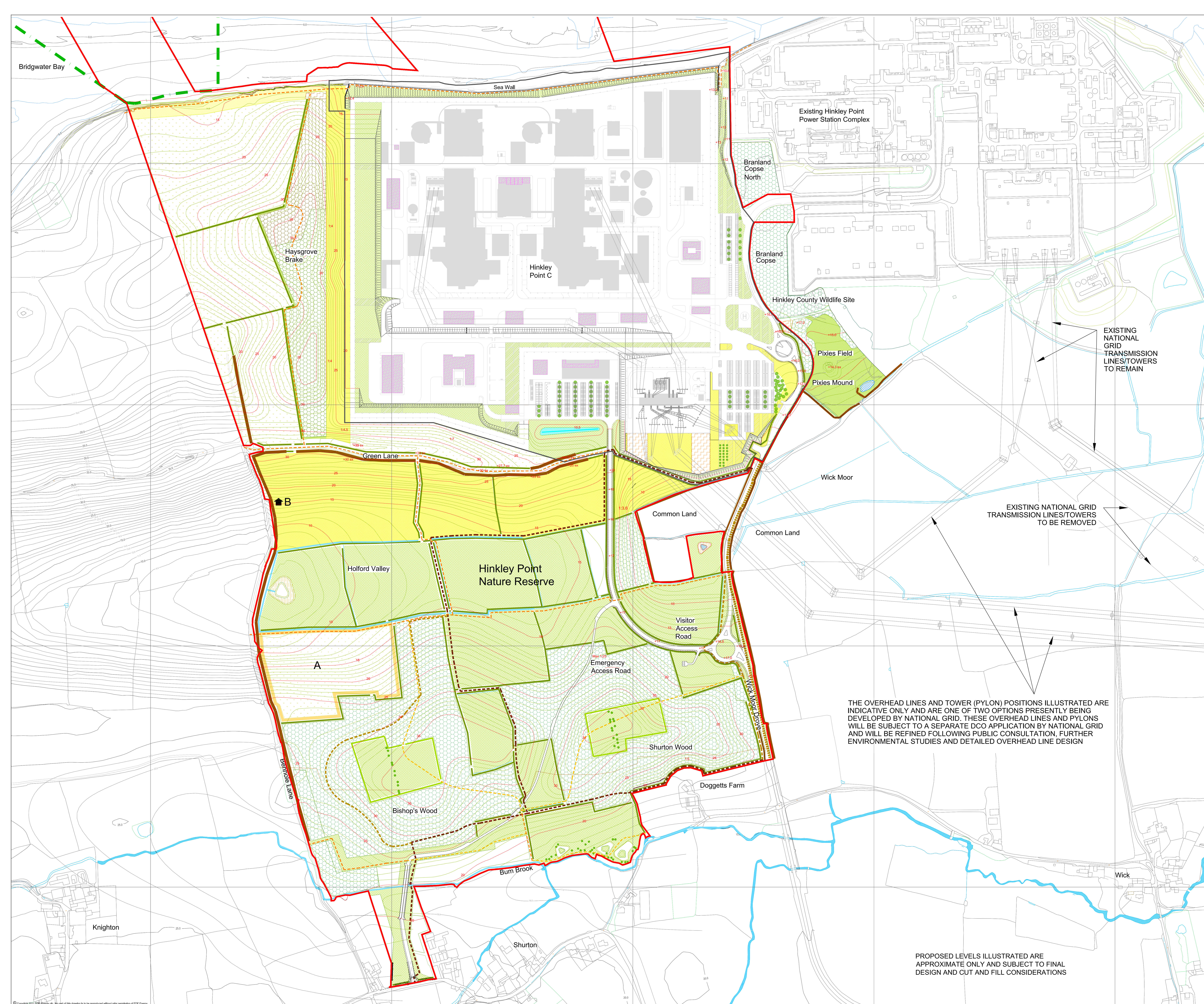
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DOCUMENT:
**HINKLEY POINT C PROJECT
 ENVIRONMENTAL STATEMENT
 VOLUME 2 CHAPTER 2**

FIGURE TITLE:
BRIDGE OVER BUM BROOK

FIGURE NO: **FIGURE 2.23** REVISION: **01**
 DATE: **SEPT 2011** DRAWN: **J.S** SCALE: **VARIOUS@A0**



- KEY**
- HINKLEY POINT C DEVELOPMENT SITE BOUNDARY
 - PERMANENT DEVELOPMENT SITE BOUNDARY
 - TEMPORARY JETTY SEAWARD HARBOUR LIMITS
 - PROPOSED CONTOURS
 - DESIGNATED BRIDLEWAY
 - PERMISSIVE PATH (BRIDLEWAY)
 - RESTRICTED BY-WAY
 - DESIGNATED PUBLIC RIGHT OF WAY FOOTPATH
 - PERMISSIVE PATH (FOOTPATH)
 - BROAD - LEAVED WOODLAND
 - COASTAL SCREEN PLANTING
 - SCATTERED NATIVE TREES
 - CAR PARK TREES
 - NATIVE SCRUB
 - NATIVE SPECIES-RICH HEDGEROW RETAINED
 - PROPOSED NATIVE SPECIES-RICH HEDGEROW
 - HEDGEROW/SCRUB
 - EXISTING CALCAREOUS GRASSLAND
 - PROPOSED CALCAREOUS GRASSLAND
 - SEMI-IMPROVED GRASSLAND/ SPECIES RICH HAY MEADOW
 - GREEN ROOF
 - AGRICULTURAL LAND
 - ARABLE CONSERVATION HEADLANDS
 - INFORMAL SURFACED PATH
 - WETLAND/REED BEDS
 - POND
 - SWALE
 - RUNNING WATER
 - FIELD DRAINAGE DITCH
 - A = ANNUAL COVER CROP FOR FARMLAND BIRDS
 - B = BAT HOUSE
 - PYLONS & LINES - EDF ENERGY STANDARD
 - NATIONAL GRID 400KV PYLONS & LINES (SEE CAVEAT)

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THE OVERHEAD LINES AND TOWER (PYLON) POSITIONS ILLUSTRATED ARE INDICATIVE ONLY AND ARE ONE OF TWO OPTIONS PRESENTLY BEING DEVELOPED BY NATIONAL GRID. THESE OVERHEAD LINES AND PYLONS WILL BE SUBJECT TO A SEPARATE DCO APPLICATION BY NATIONAL GRID AND WILL BE REFINED FOLLOWING PUBLIC CONSULTATION, FURTHER ENVIRONMENTAL STUDIES AND DETAILED OVERHEAD LINE DESIGN

PROPOSED LEVELS ILLUSTRATED ARE APPROXIMATE ONLY AND SUBJECT TO FINAL DESIGN AND CUT AND FILL CONSIDERATIONS

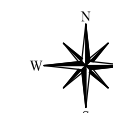
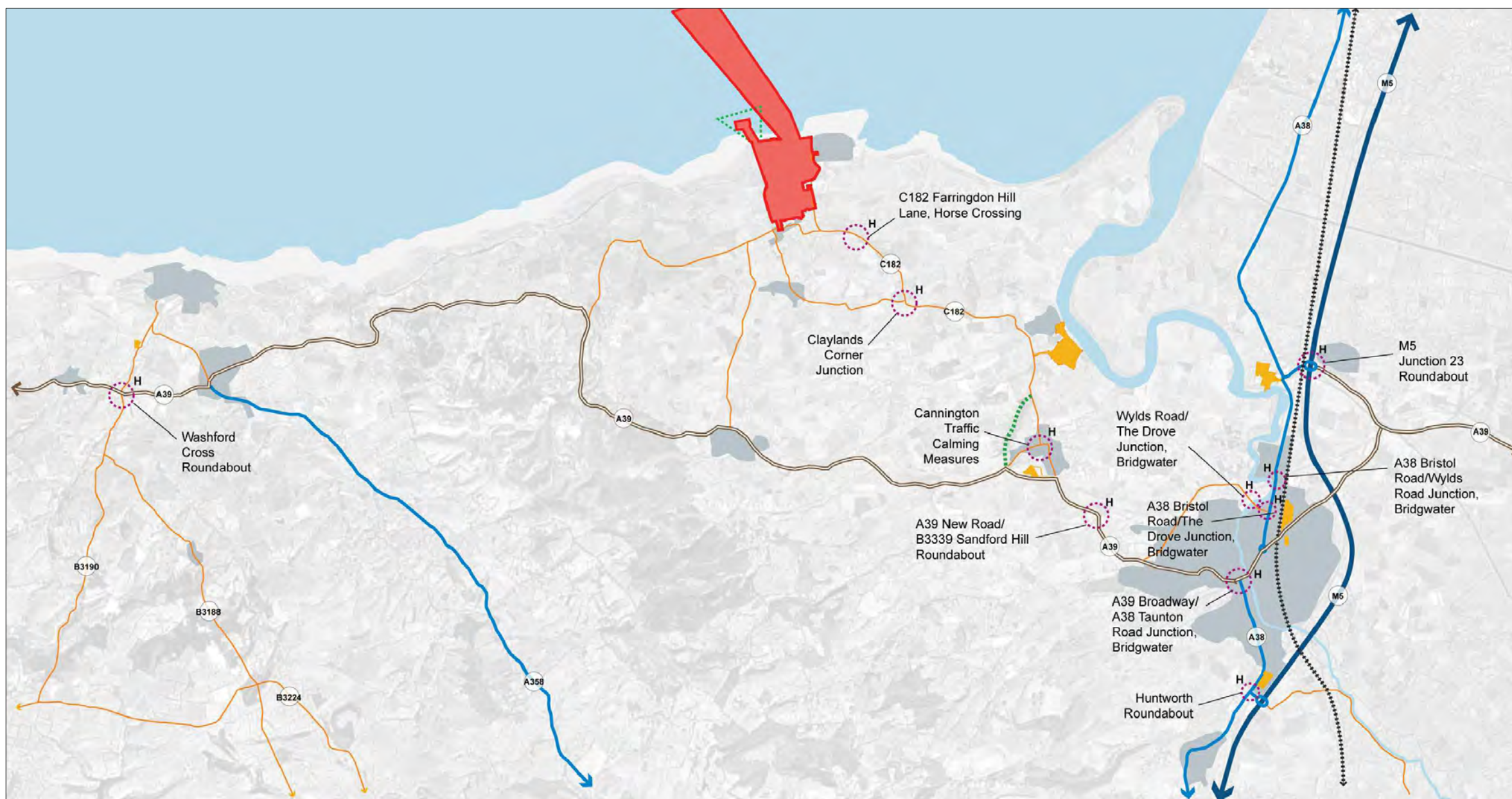
DOCUMENT:
HINKLEY POINT C PROJECT ENVIRONMENTAL STATEMENT VOLUME 2 CHAPTER 2

FIGURE TITLE:
LANDSCAPE RESTORATION PLAN

FIGURE NO: FIGURE 2.24	REVISION: 01
DATE: SEPT 2011	DRAWN: J.G
	SCALE: 1:2500@A0
SCALE BAR 0 100 200 300	
Scale 1:2500 @ A0 OS Grid at 500m	

KEY

- HINKLEY POINT C DEVELOPMENT SITE
- TEMPORARY JETTY SEAWARD HARBOUR LIMITS
- OFF - SITE ASSOCIATED DEVELOPMENT SITES
- H HIGHWAY IMPROVEMENTS
- BYPASS ROUTE
- MOTOR WAY
- CATEGORY A ROAD
- CATEGORY B/C AND OTHER PRIMARY ROADS
- NETWORK ROAD SERVING THE CONSTRUCTION OF HPC



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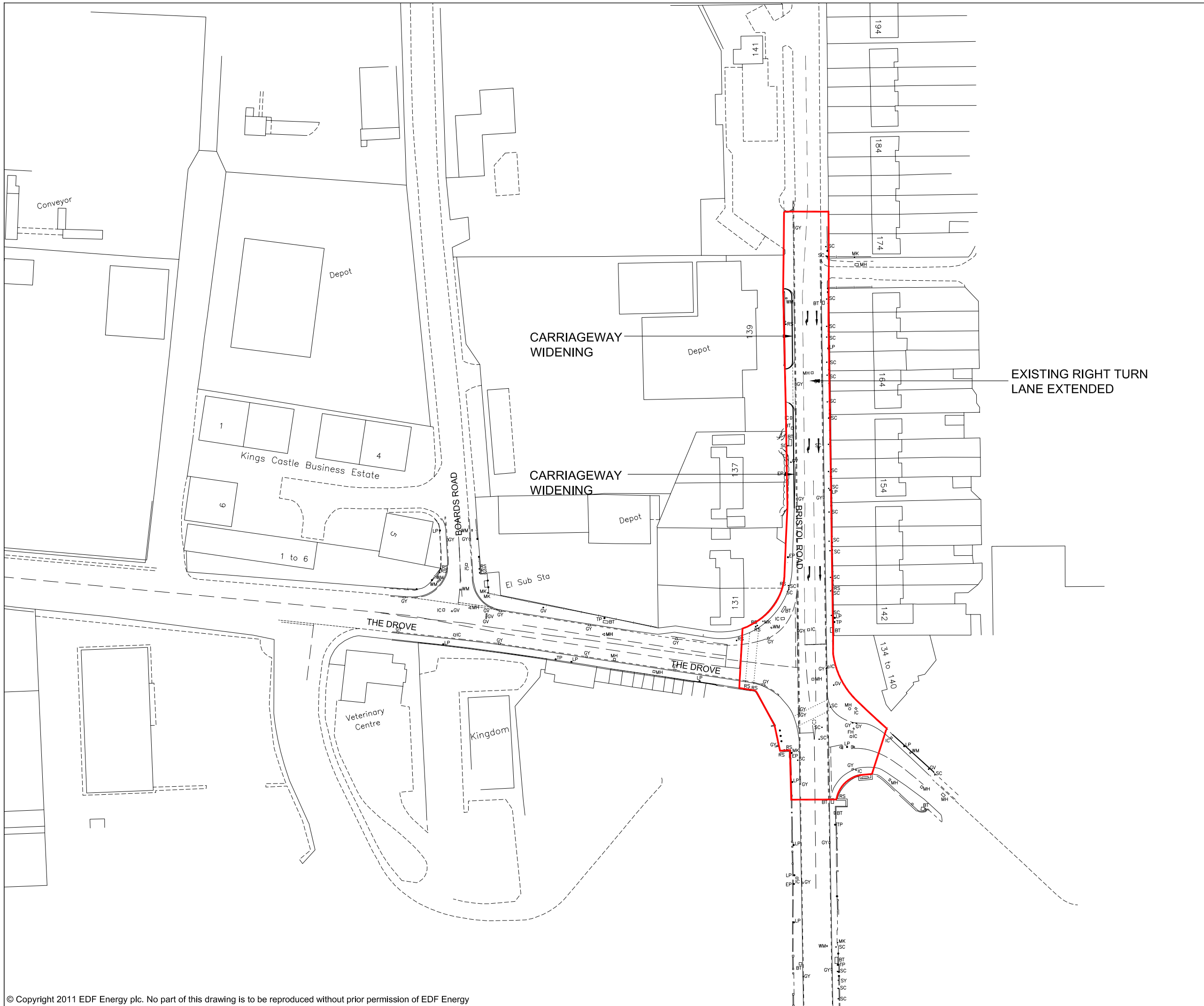
DOCUMENT:
HINKLEY POINT C PROJECT ENVIRONMENTAL STATEMENT VOLUME 2 CHAPTER 2

FIGURE TITLE:
LOCATION OF THE HIGHWAY IMPROVEMENTS

FIGURE NO: **FIGURE 2.25** REVISION: **01**

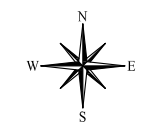
DATE: **SEPT 2011** DRAWN: **D.M** SCALE: **NOT TO SCALE**

SCALE BAR



KEY

 PROPOSED DEVELOPMENT SITE BOUNDARY



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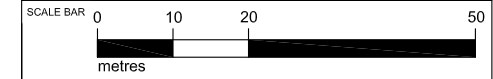


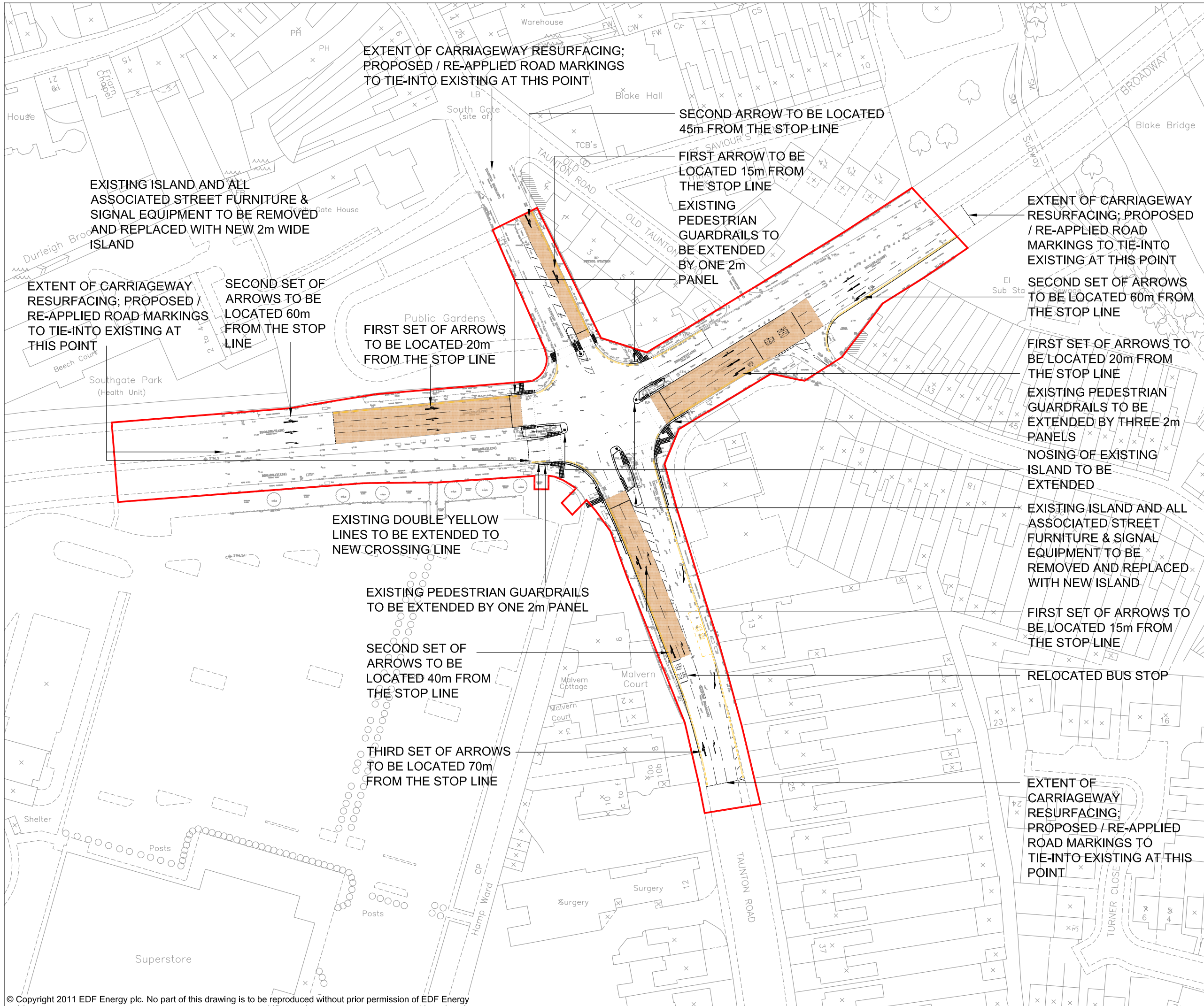
DOCUMENT:
**HINKLEY POINT C PROJECT
 ENVIRONMENTAL STATEMENT
 VOLUME 2 CHAPTER 2**

FIGURE TITLE:
A38 BRISTOL ROAD/THE DROVE JUNCTION

FIGURE NO: **FIGURE 2.26** REVISION: **01**

DATE: **SEPT 2011** DRAWN: **J.G** SCALE: **1:1000@A3**





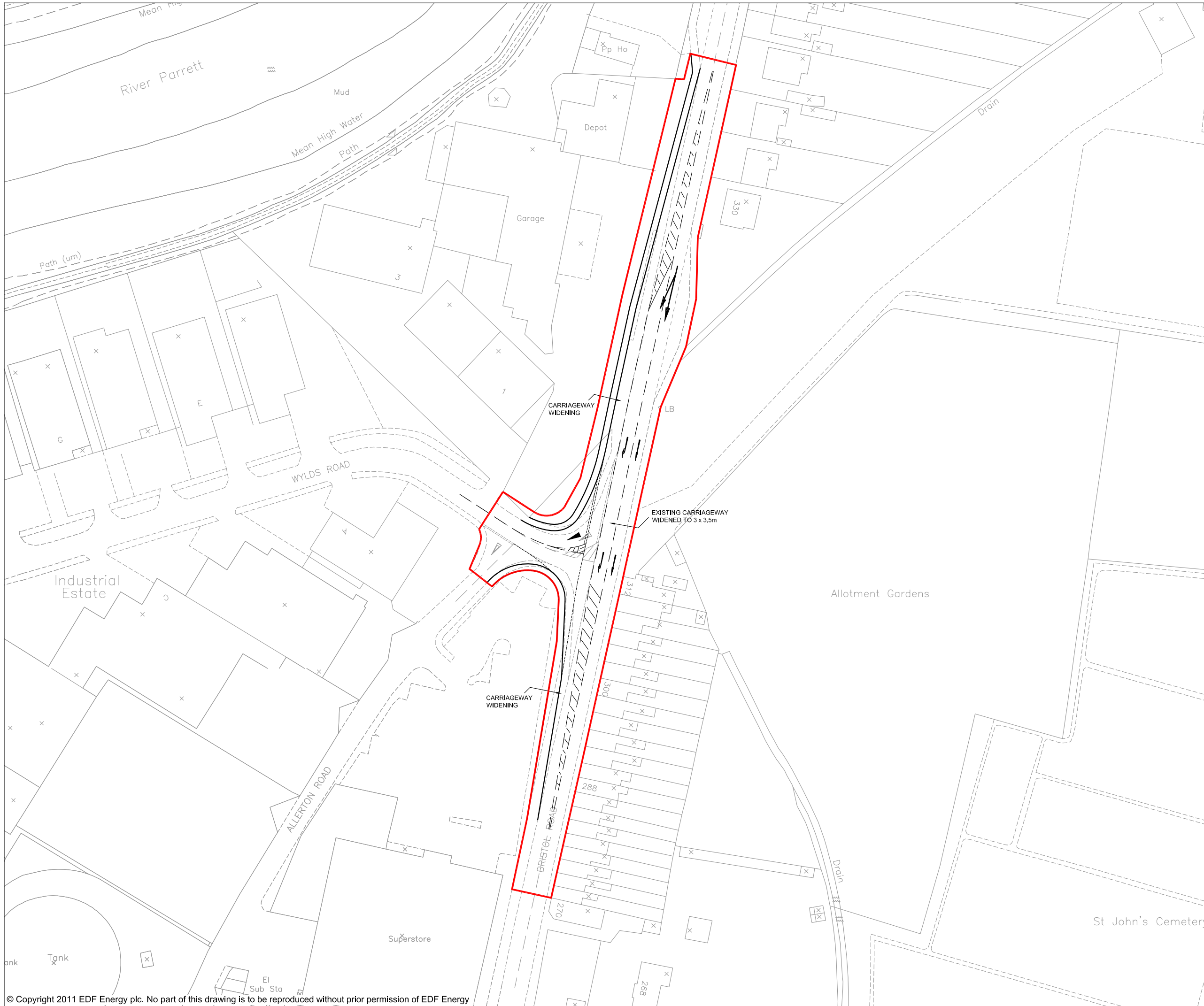
KEY

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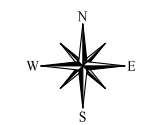


DOCUMENT:		
HINKLEY POINT C PROJECT ENVIRONMENTAL STATEMENT VOLUME 2 CHAPTER 2		
FIGURE TITLE:		
A39 BROADWAY/A38 TAUNTON ROAD JUNCTION		
FIGURE NO:	REVISION:	
FIGURE 2.27	01	
DATE:	DRAWN:	SCALE:
SEPT 2011	J.G	1:1000@A3
SCALE BAR 0 10 20 50 metres		



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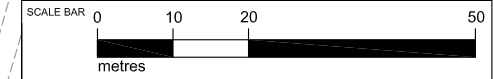


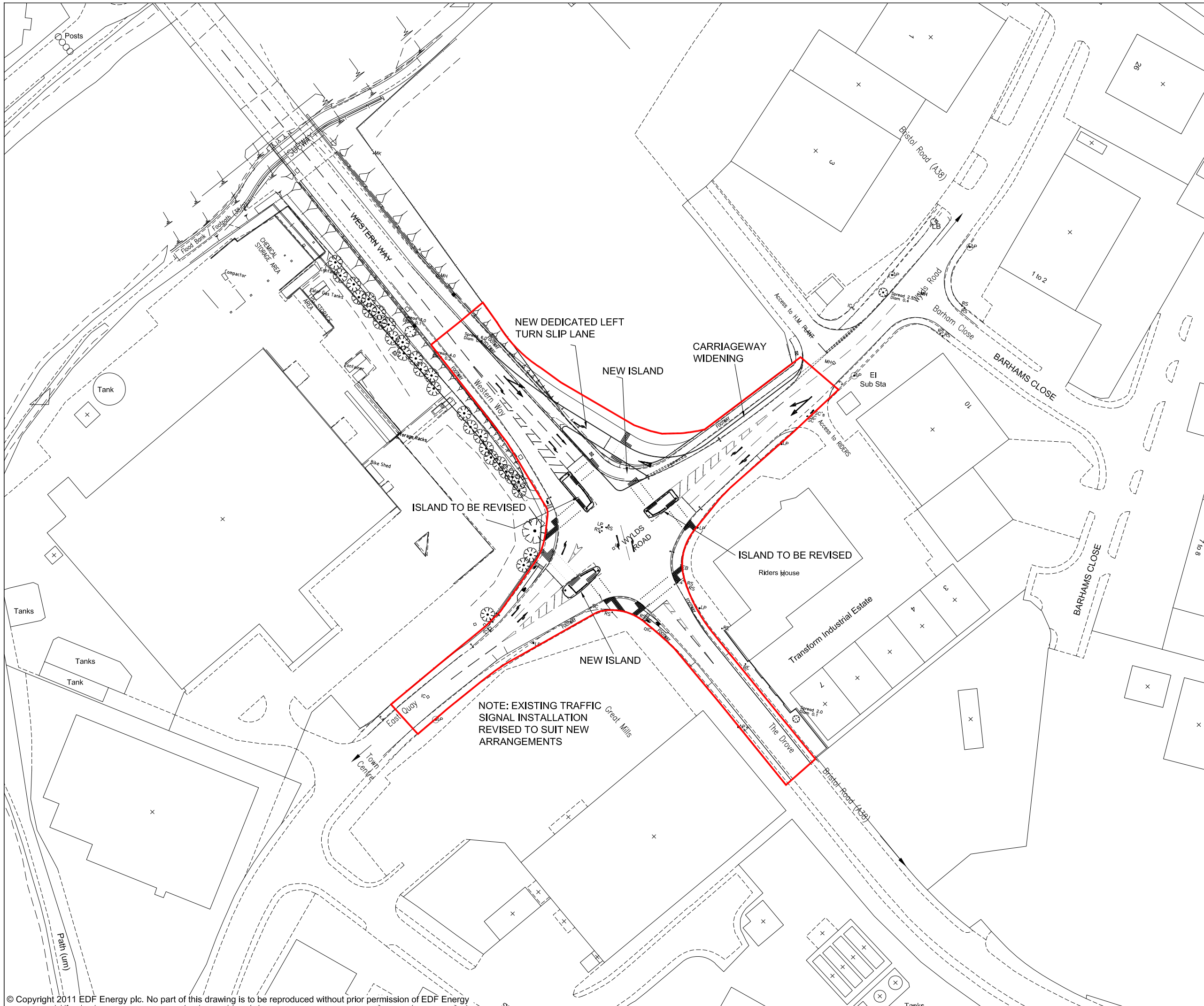
DOCUMENT:
**HINKLEY POINT C PROJECT
 ENVIRONMENTAL STATEMENT
 VOLUME 2 CHAPTER 2**

FIGURE TITLE:
**A38 BRISTOL ROAD/WYLDS ROAD
 JUNCTION**

FIGURE NO: **FIGURE 2.28** REVISION: **01**

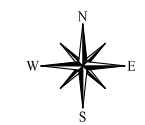
DATE: **SEPT 2011** DRAWN: **J.G** SCALE: **1:1000@A3**





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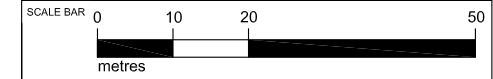


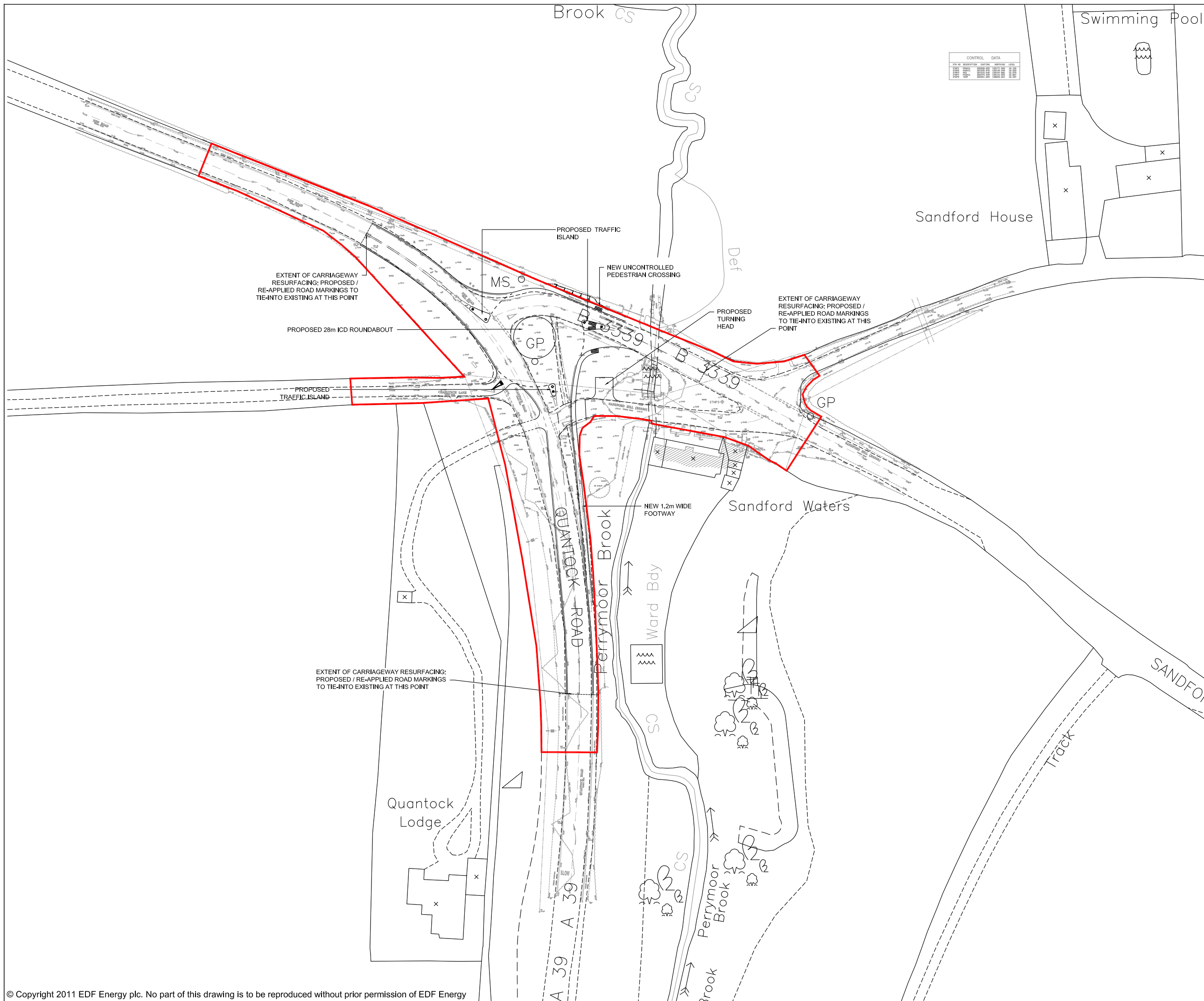
DOCUMENT:
HINKLEY POINT C PROJECT ENVIRONMENTAL STATEMENT VOLUME 2 CHAPTER 2

FIGURE TITLE:
WYLDYS ROAD/THE DROVE JUNCTION

FIGURE NO: **FIGURE 2.29** REVISION: **01**

DATE: **SEPT 2011** DRAWN: **J.G** SCALE: **1:1000@A3**

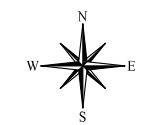




CONTROL DATA	
DATE	2011
SCALE	1:1000
DRAWN BY	J.G.
CHECKED BY	
APPROVED BY	

KEY

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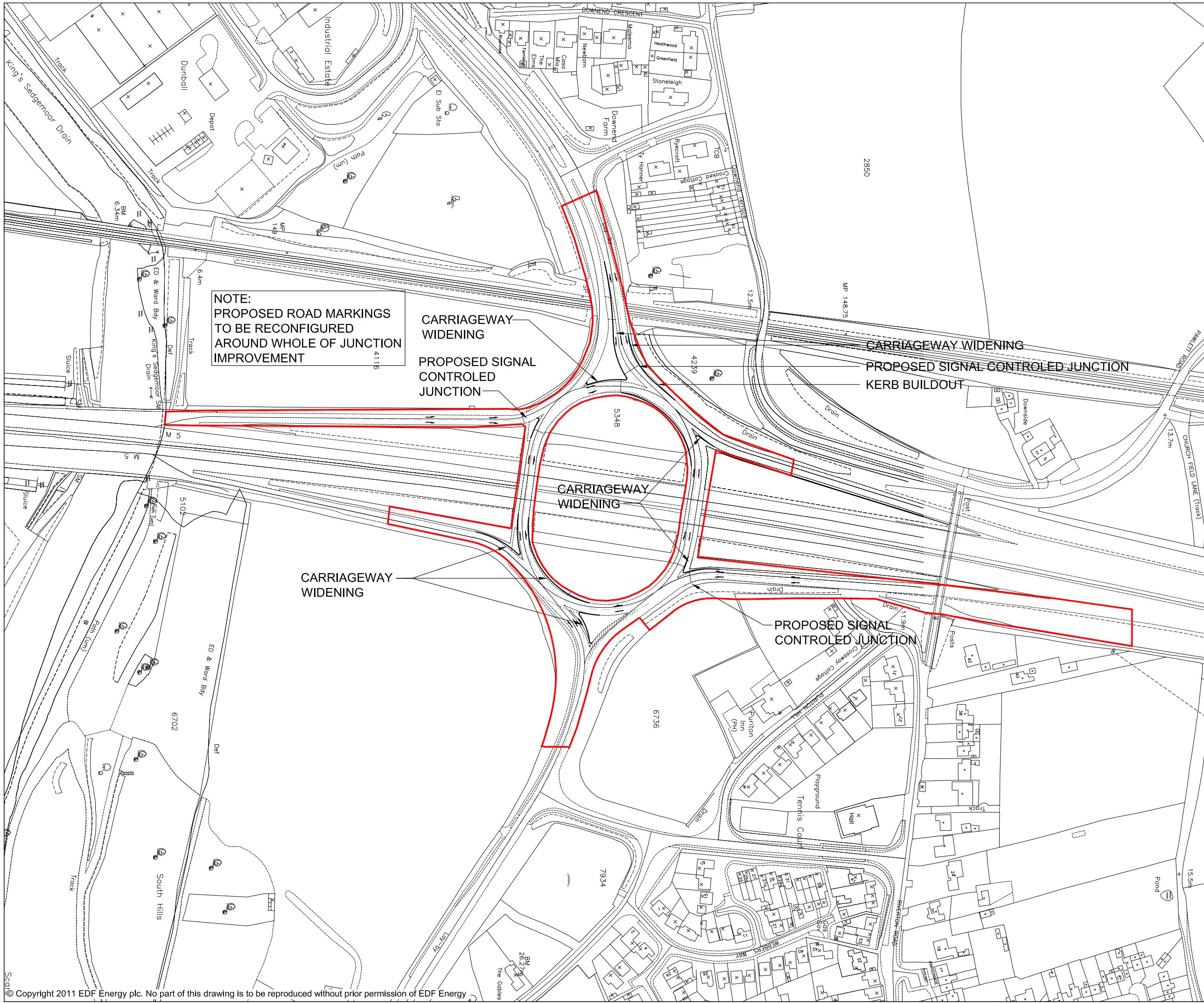
DOCUMENT:
**HINKLEY POINT C PROJECT
 ENVIRONMENTAL STATEMENT
 VOLUME 2 CHAPTER 2**

FIGURE TITLE:
**A39 NEW ROAD/B3339 SANDFORD HILL
 ROUNDABOUT**

FIGURE NO: **FIGURE 2.30** REVISION: **01**

DATE: **SEPT 2011** DRAWN: **J.G.** SCALE: **1:1000@A3**





NOTE:
 PROPOSED ROAD MARKINGS
 TO BE RECONFIGURED
 AROUND WHOLE OF JUNCTION
 IMPROVEMENT

CARRIAGEWAY
 WIDENING

PROPOSED SIGNAL
 CONTROLLED
 JUNCTION

CARRIAGEWAY
 WIDENING

PROPOSED SIGNAL
 CONTROLLED JUNCTION

CARRIAGEWAY WIDENING

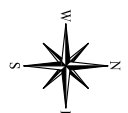
PROPOSED SIGNAL CONTROLLED JUNCTION

KERB BUILDOUT

CARRIAGEWAY
 WIDENING

KEY

 PROPOSED DEVELOPMENT SITE BOUNDARY



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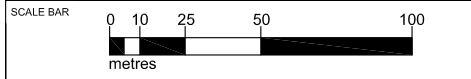


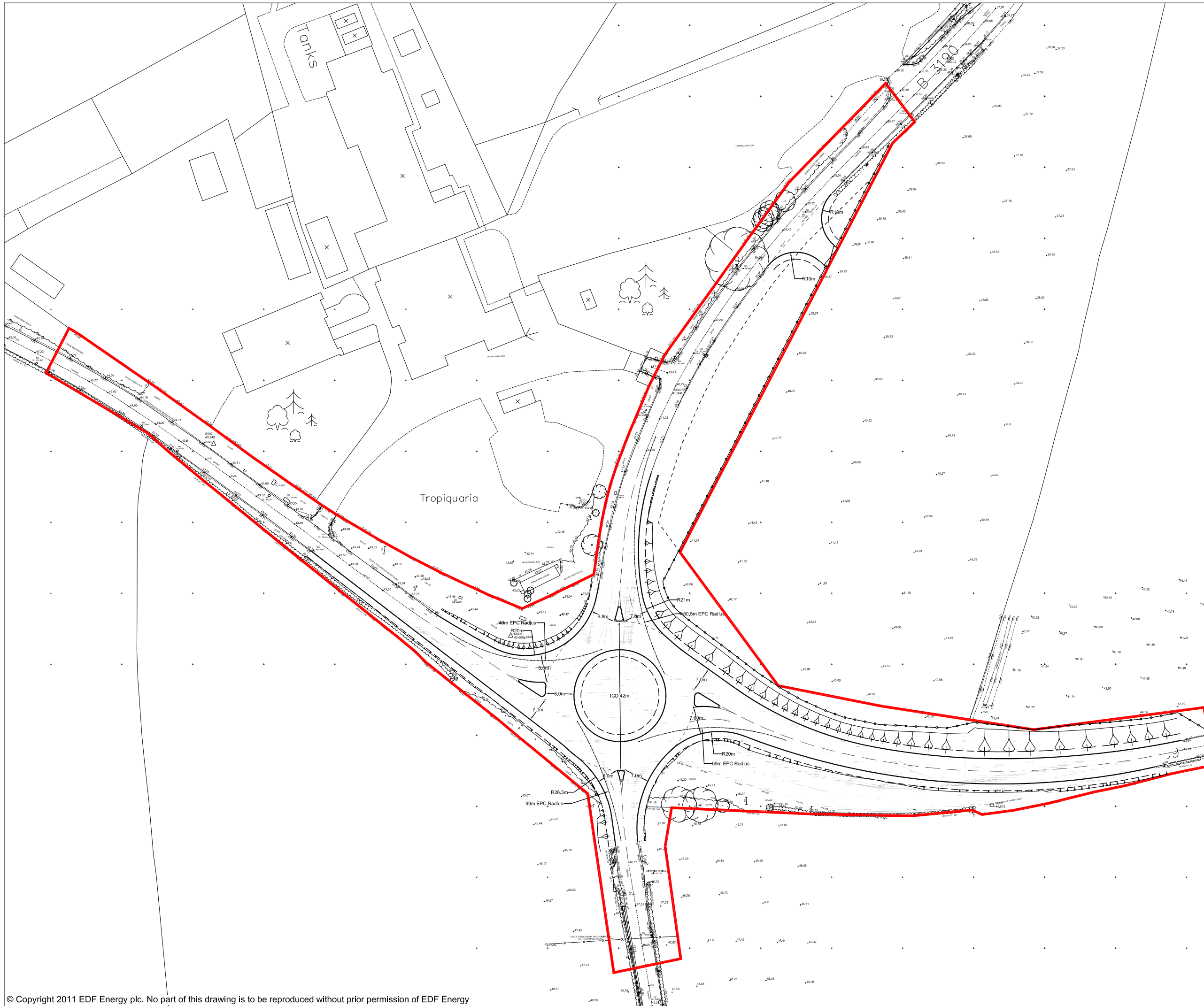
DOCUMENT:
**HINKLEY POINT C PROJECT
 ENVIRONMENTAL STATEMENT
 VOLUME 2 CHAPTER 2**

FIGURE TITLE:
M5 JUNCTION 23 ROUNDABOUT

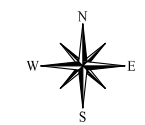
FIGURE NO: **FIGURE 2.31** REVISION: **01**

DATE: **SEPT 2011** DRAWN: **J.G** SCALE: **1:2500@A3**





KEY
 PROPOSED DEVELOPMENT SITE BOUNDARY



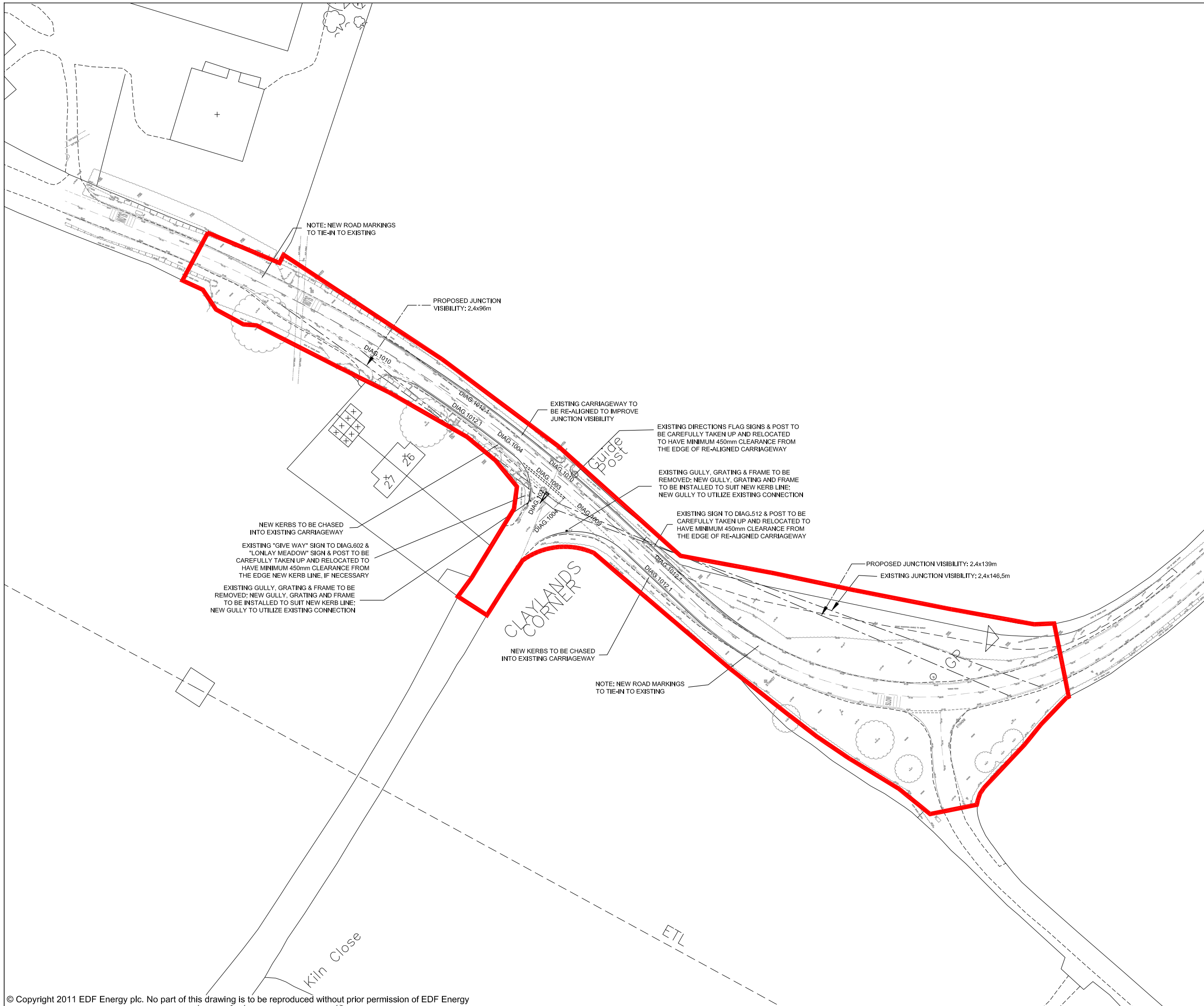
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DOCUMENT:
**HINKLEY POINT C PROJECT
 ENVIRONMENTAL STATEMENT
 VOLUME 2 CHAPTER 2**

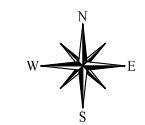
FIGURE TITLE:
WASHFORD CROSS ROUNDABOUT

FIGURE NO: FIGURE 2.32	REVISION: 01
DATE: SEPT 2011	DRAWN: J.G
SCALE: 1:1000@A3	
SCALE BAR 0 10 20 50 metres	



KEY

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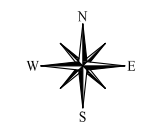
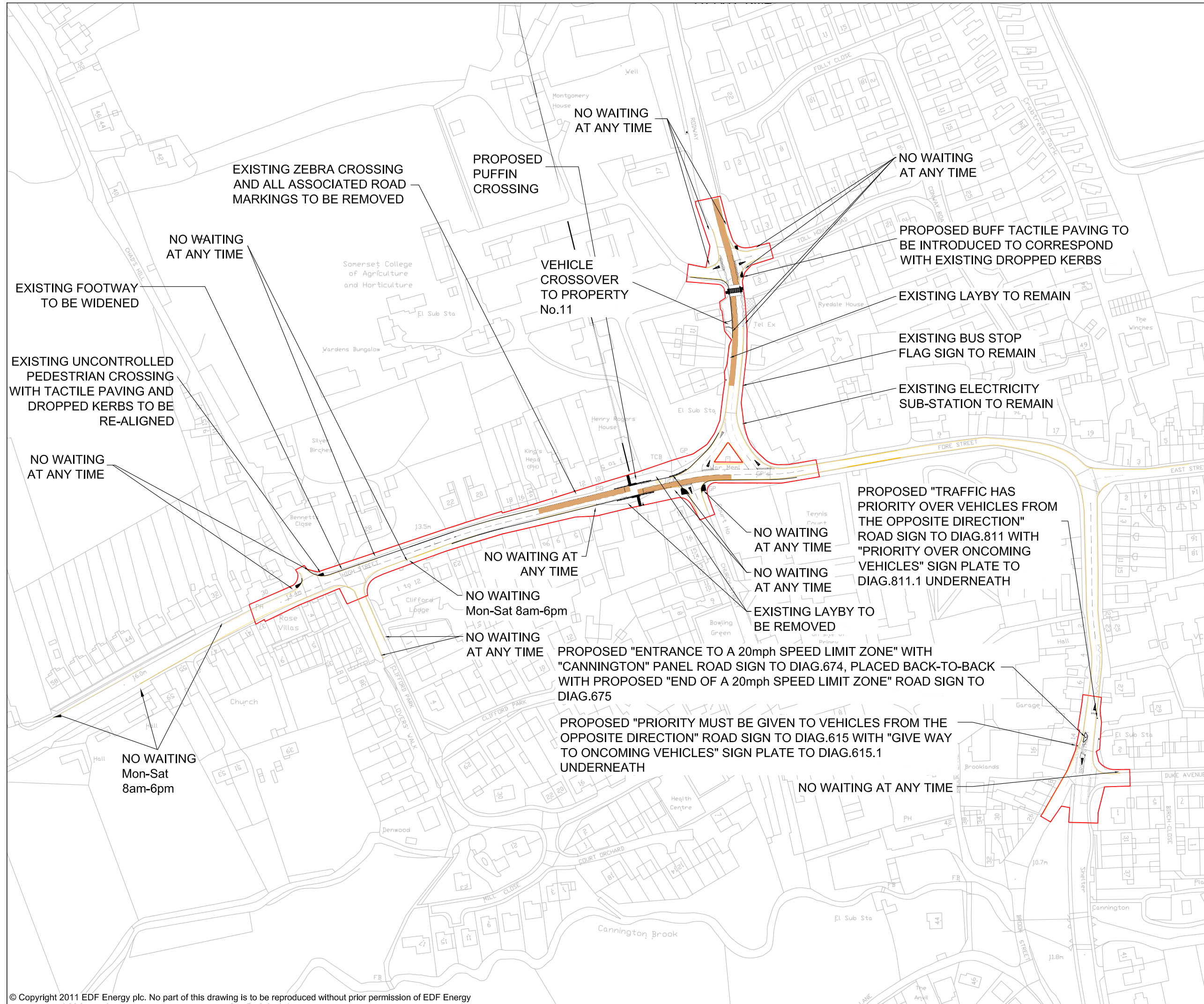
DOCUMENT:
HINKLEY POINT C PROJECT ENVIRONMENTAL STATEMENT VOLUME 2 CHAPTER 2

FIGURE TITLE:
CLAYLANDS CORNER JUNCTION

FIGURE NO: FIGURE 2.33	REVISION: 01
DATE: SEPT 2011	DRAWN: J.G
SCALE: 1:1000@A3	
SCALE BAR 0 10 20 50 metres	

KEY

PROPOSED DEVELOPMENT SITE BOUNDARY



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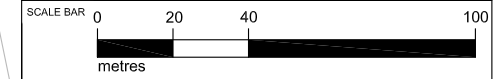


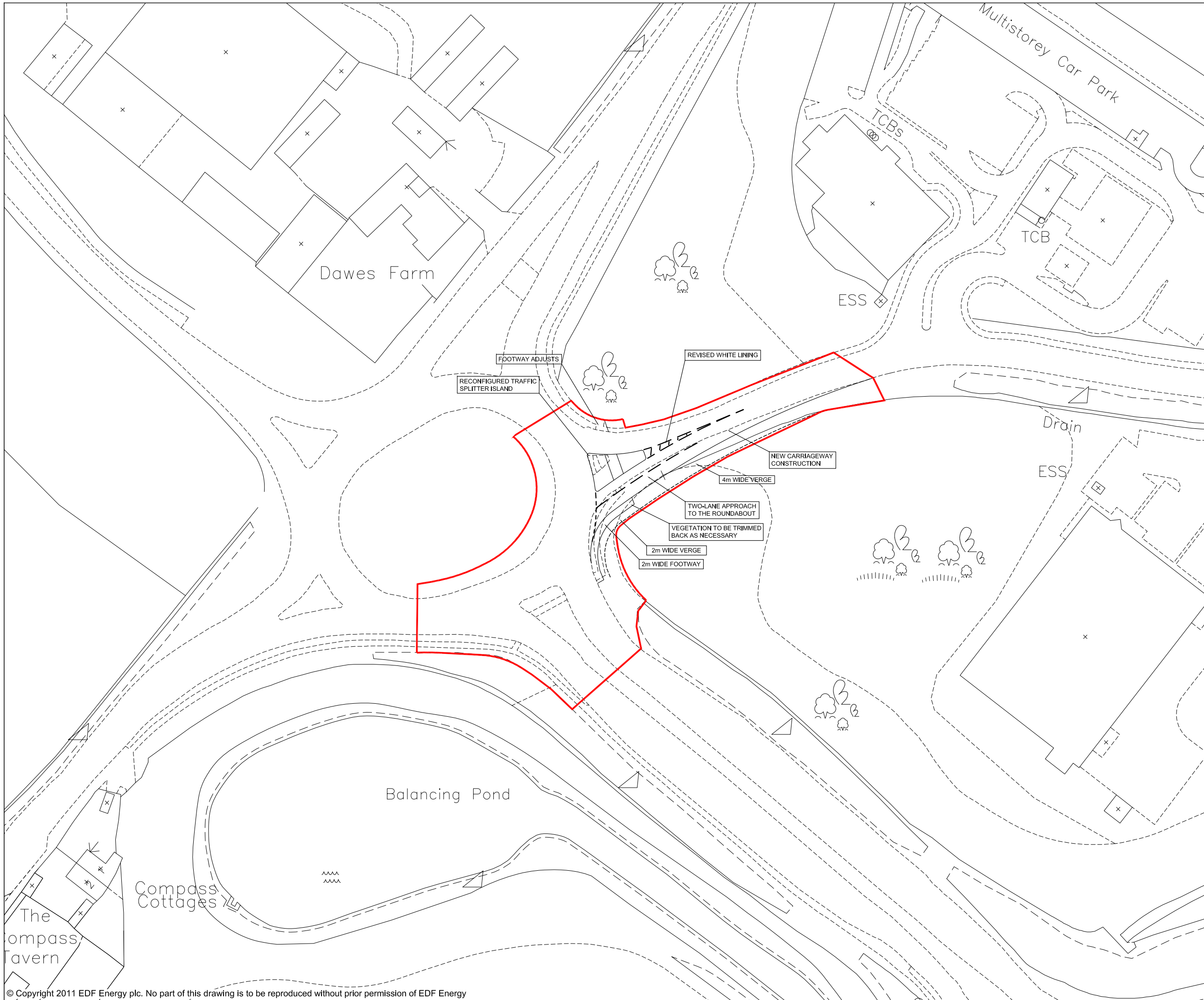
DOCUMENT:
HINKLEY POINT C PROJECT ENVIRONMENTAL STATEMENT VOLUME 2 CHAPTER 2

FIGURE TITLE:
CANNINGTON TRAFFIC CALMING MEASURES

FIGURE NO: **FIGURE 2.35** REVISION: **01**

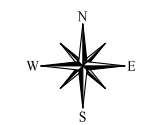
DATE: **SEPT 2011** DRAWN: **J.G** SCALE: **1:2000@A3**





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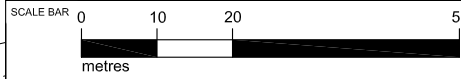


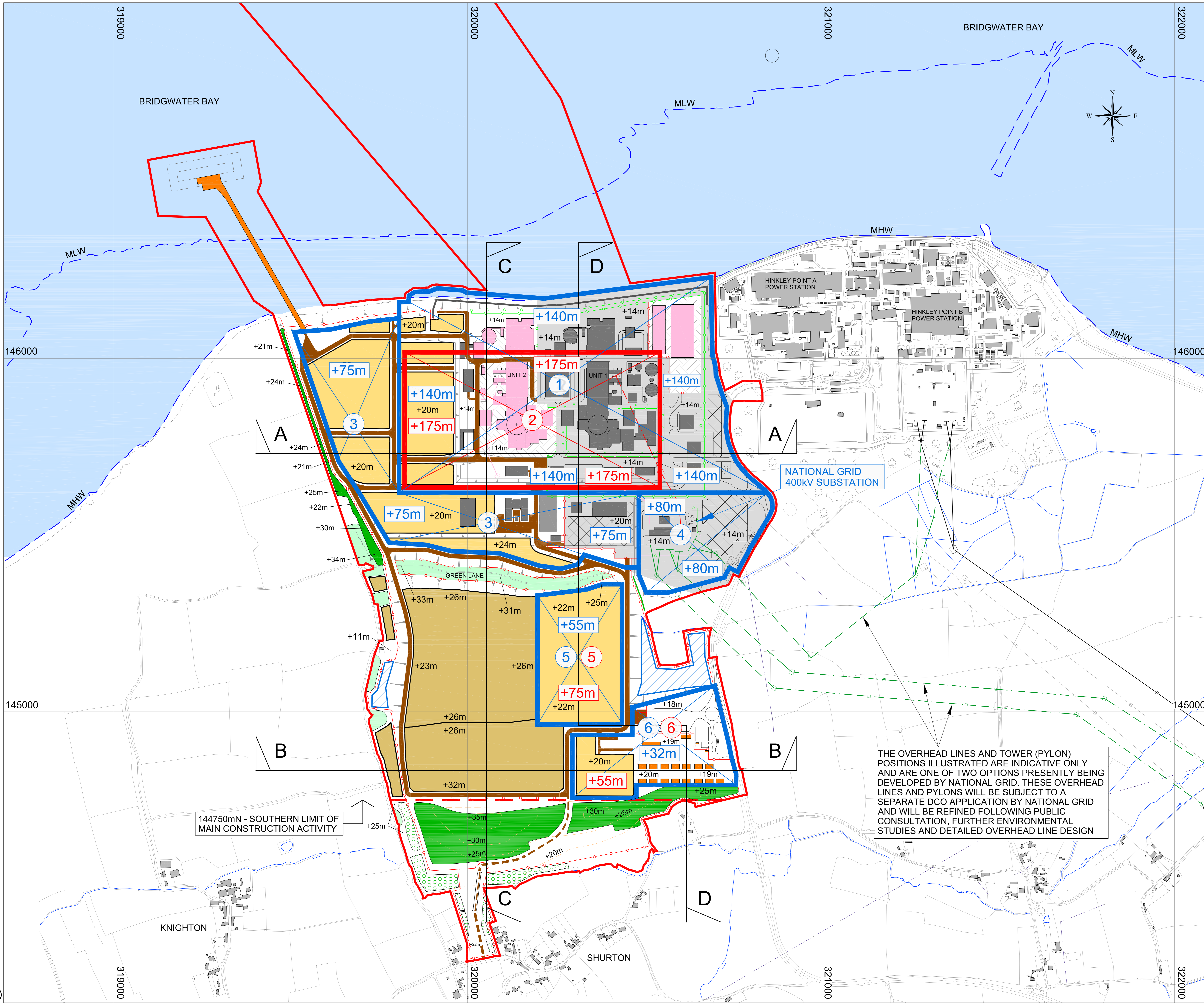
DOCUMENT:
**HINKLEY POINT C PROJECT
 ENVIRONMENTAL STATEMENT
 VOLUME 2 CHAPTER 2**

FIGURE TITLE:
HUNTWORTH ROUNDABOUT

FIGURE NO: **FIGURE 2.36** REVISION: **01**

DATE: **SEPT 2011** DRAWN: **J.G** SCALE: **1:1000@A3**





NOTES

1. ALL CO-ORDINATES ARE IN METRES AND ARE BASED ON THE NATIONAL GRID.
2. ALL LEVELS ARE IN METRES AND ARE RELATIVE TO ORDNANCE DATUM NEWLYN.

KEY

- HINKLEY POINT C DEVELOPMENT SITE BOUNDARY
- 3
+75m CONSTRUCTION ZONE GENERAL CONDITION :
POTENTIAL HEIGHT AND WORKING PARAMETERS REQUIRED DURING THE CONSTRUCTION PHASE
- 1
+175m CONSTRUCTION ZONE EXCEPTIONAL CONDITION :
POTENTIAL HEIGHT AND WORKING PARAMETERS REQUIRED DURING THE CONSTRUCTION PHASE

REFERENCE FIGURES

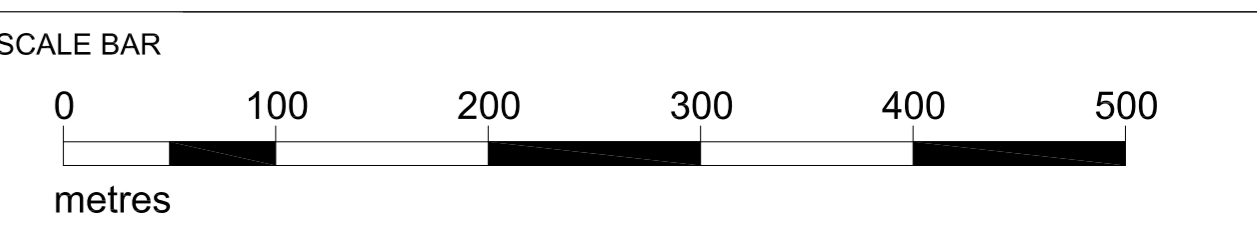
FIGURE 3.2 CONSTRUCTION CROSS SECTIONS - 2019



DOCUMENT:
HINKLEY POINT C PROJECT ENVIRONMENTAL STATEMENT VOLUME 2 CHAPTER 3

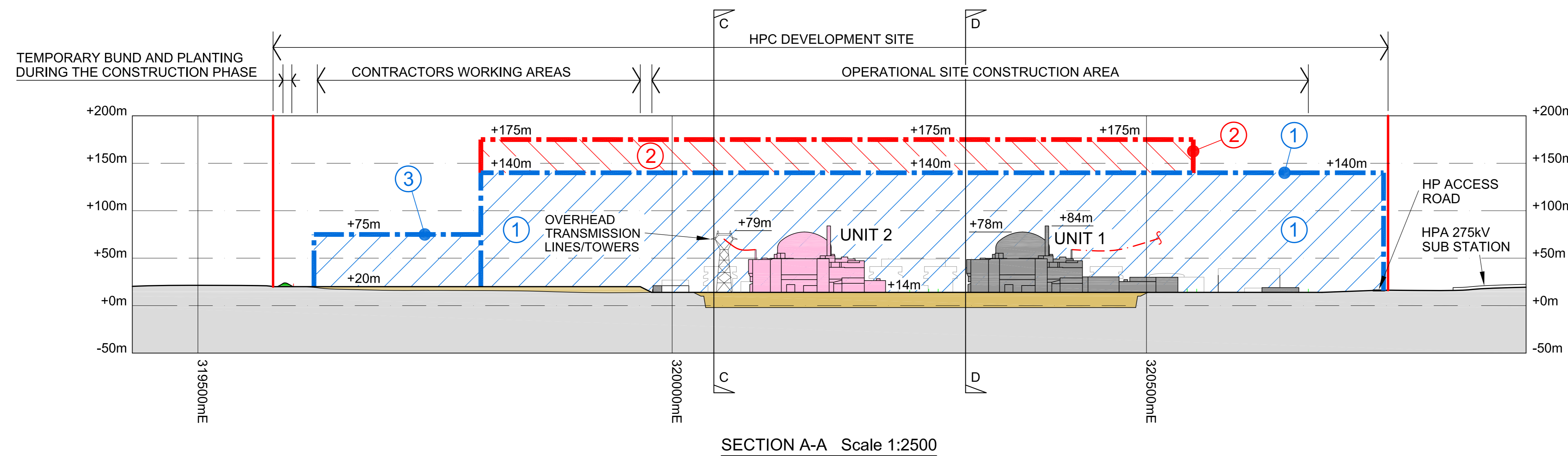
FIGURE TITLE:
CONSTRUCTION PARAMETERS - 2019

FIGURE NO: **FIGURE 3.1** REVISION: **01**
DATE: **SEPT 2011** DRAWN: **S.G** SCALE: **1:10000@A3**

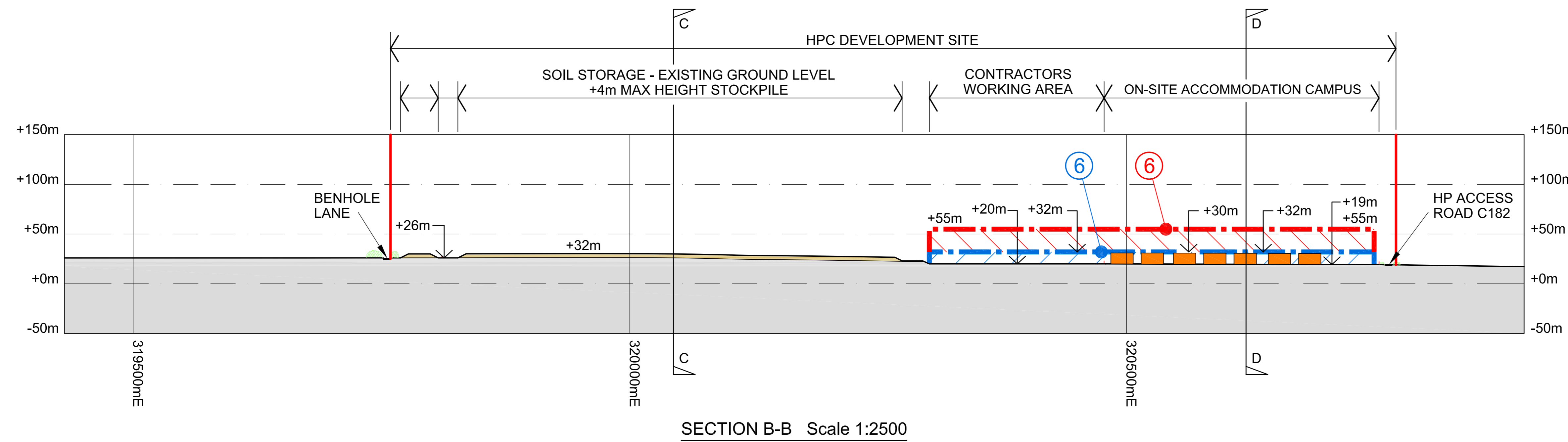


THE OVERHEAD LINES AND TOWER (PYLON) POSITIONS ILLUSTRATED ARE INDICATIVE ONLY AND ARE ONE OF TWO OPTIONS PRESENTLY BEING DEVELOPED BY NATIONAL GRID. THESE OVERHEAD LINES AND PYLONS WILL BE SUBJECT TO A SEPARATE DCO APPLICATION BY NATIONAL GRID AND WILL BE REFINED FOLLOWING PUBLIC CONSULTATION, FURTHER ENVIRONMENTAL STUDIES AND DETAILED OVERHEAD LINE DESIGN

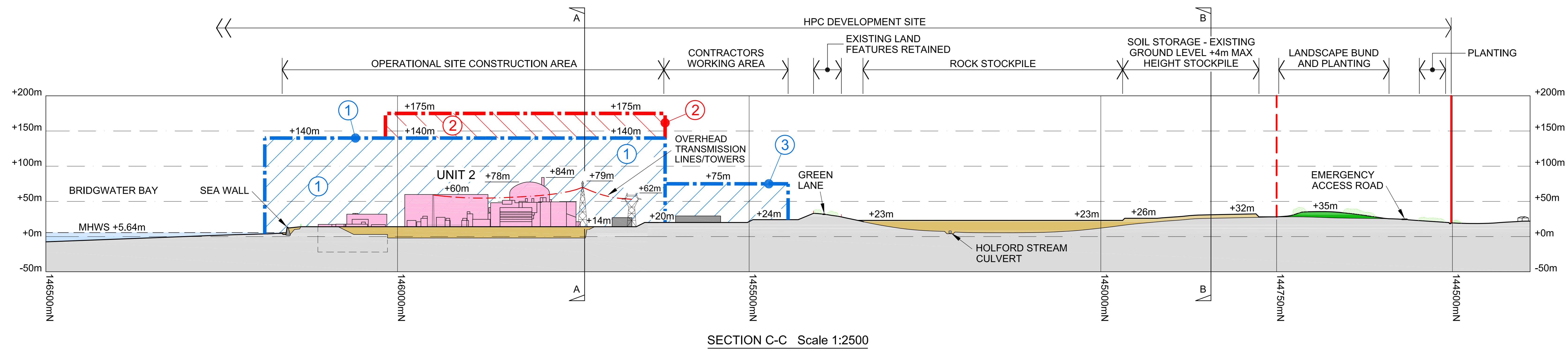
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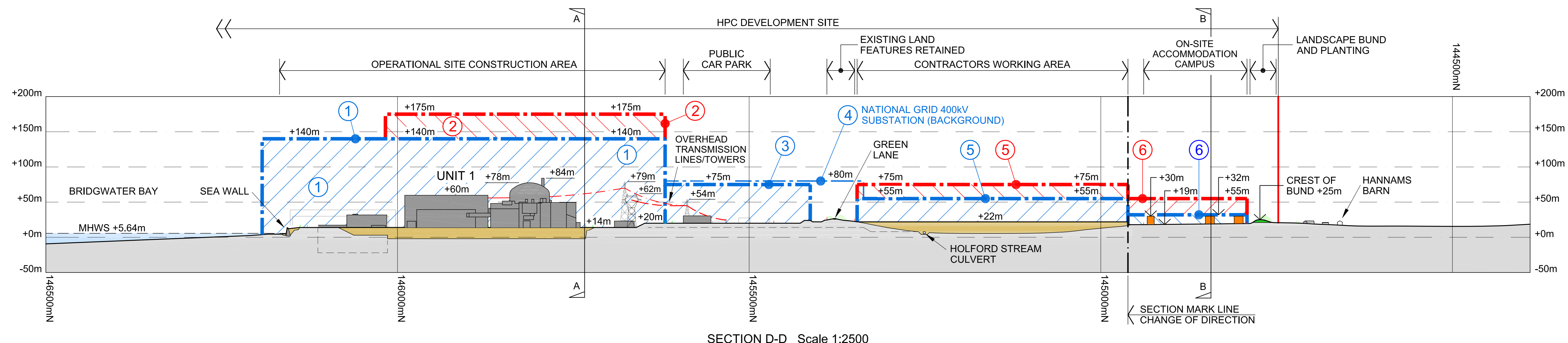
SECTION A-A Scale 1:2500



SECTION B-B Scale 1:2500

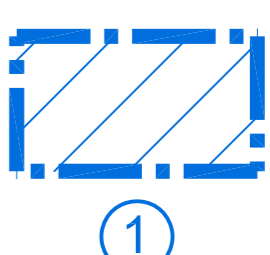
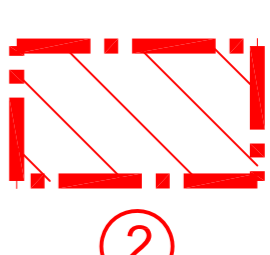


SECTION C-C Scale 1:2500

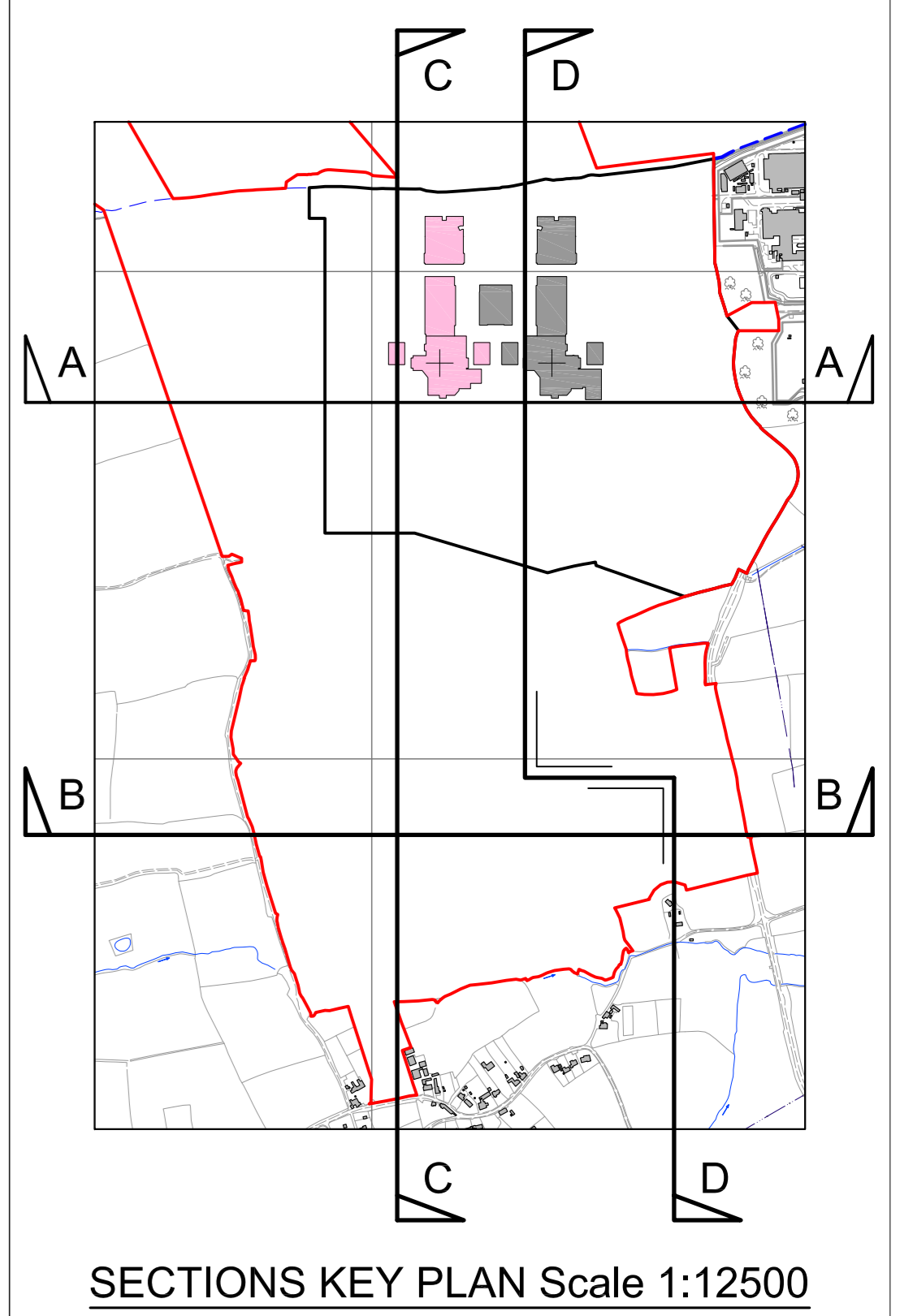


SECTION D-D Scale 1:2500

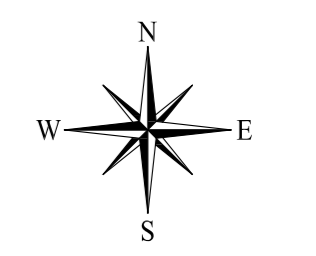
NOTES
 1. ALL CO-ORDINATES ARE IN METRES AND ARE BASED ON THE NATIONAL GRID.
 2. ALL LEVELS ARE IN METRES AND ARE RELATIVE TO ORDINANCE DATUM NEWLYN.

KEY
 CONSTRUCTION ZONE GENERAL CONDITION : POTENTIAL HEIGHT AND WORKING PARAMETERS REQUIRED DURING THE CONSTRUCTION PHASE
 CONSTRUCTION ZONE EXCEPTIONAL CONDITION : POTENTIAL HEIGHT AND WORKING PARAMETERS REQUIRED DURING THE CONSTRUCTION PHASE

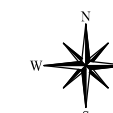
REFERENCE FIGURES
 FIGURE 3.1 CONSTRUCTION PARAMETERS - 2019



SECTIONS KEY PLAN Scale 1:12500



DOCUMENT: HINKLEY POINT C PROJECT ENVIRONMENTAL STATEMENT VOLUME 2 CHAPTER 3
 FIGURE TITLE: CONSTRUCTION CROSS SECTIONS - 2019
 FIGURE NO: FIGURE 3.2 REVISION: 01
 DATE: SEPT 2011 DRAWN: S.G. SCALE: 1:2,500 @ A0
 SCALE BAR: 0 50 100 200 300 metres



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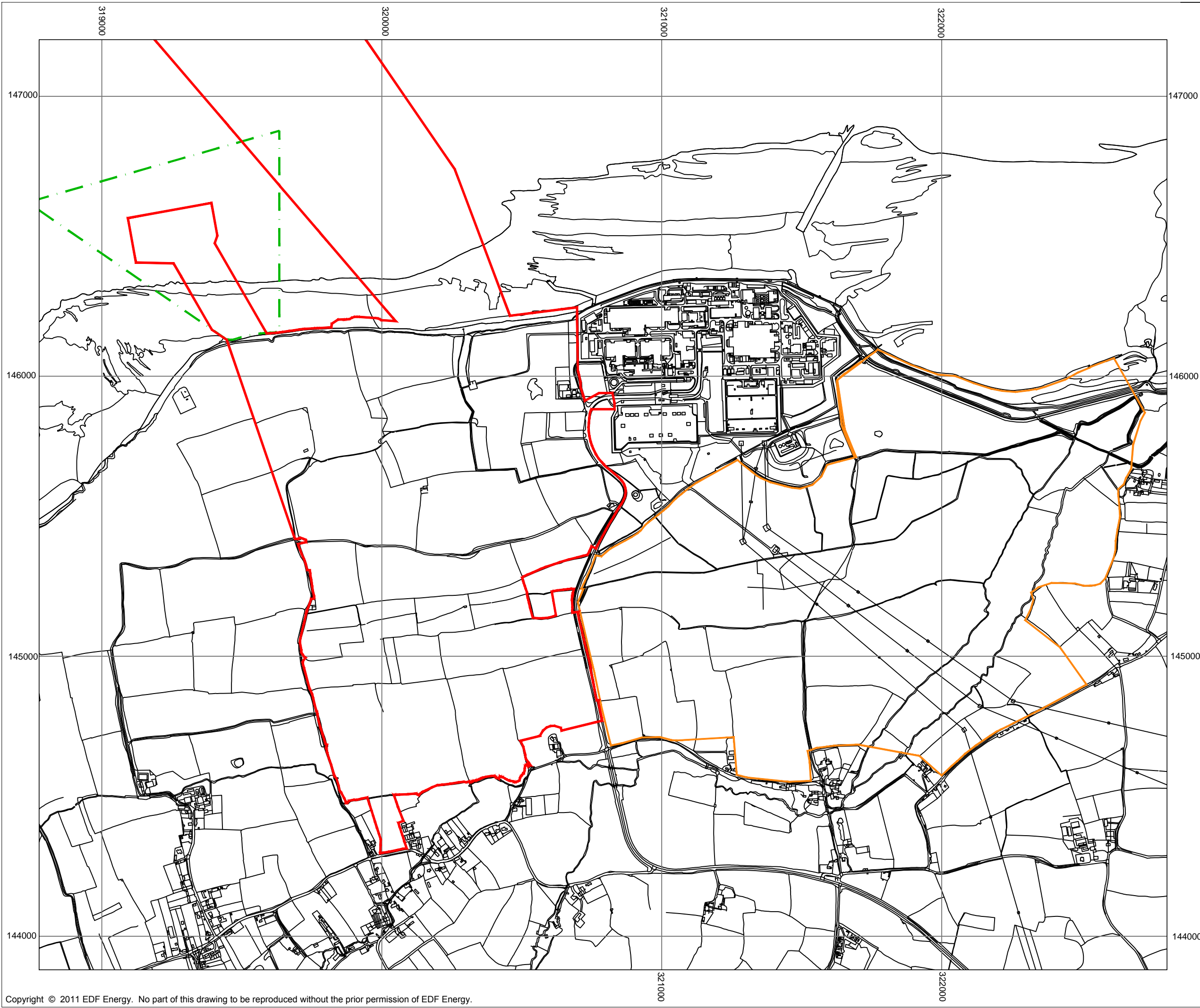


DOCUMENT:
**HINKLEY POINT C PROJECT
 ENVIRONMENTAL STATEMENT
 VOLUME 2 CHAPTER 3**

FIGURE TITLE:
**MASTERPLAN OF THE HPC ACCOMMODATION
 CAMPUS**

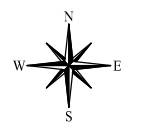
FIGURE NO: FIGURE 3.3	REVISION: 01
DATE: SEPT 2011	DRAWN: SCALE: D.M NTS

SCALE BAR



KEY

- HINKLEY POINT C DEVELOPMENT SITE BOUNDARY
- TEMPORARY JETTY SEAWARD HARBOUR LIMITS
- AREA CONSIDERED FOR DEVELOPMENT



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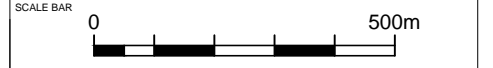


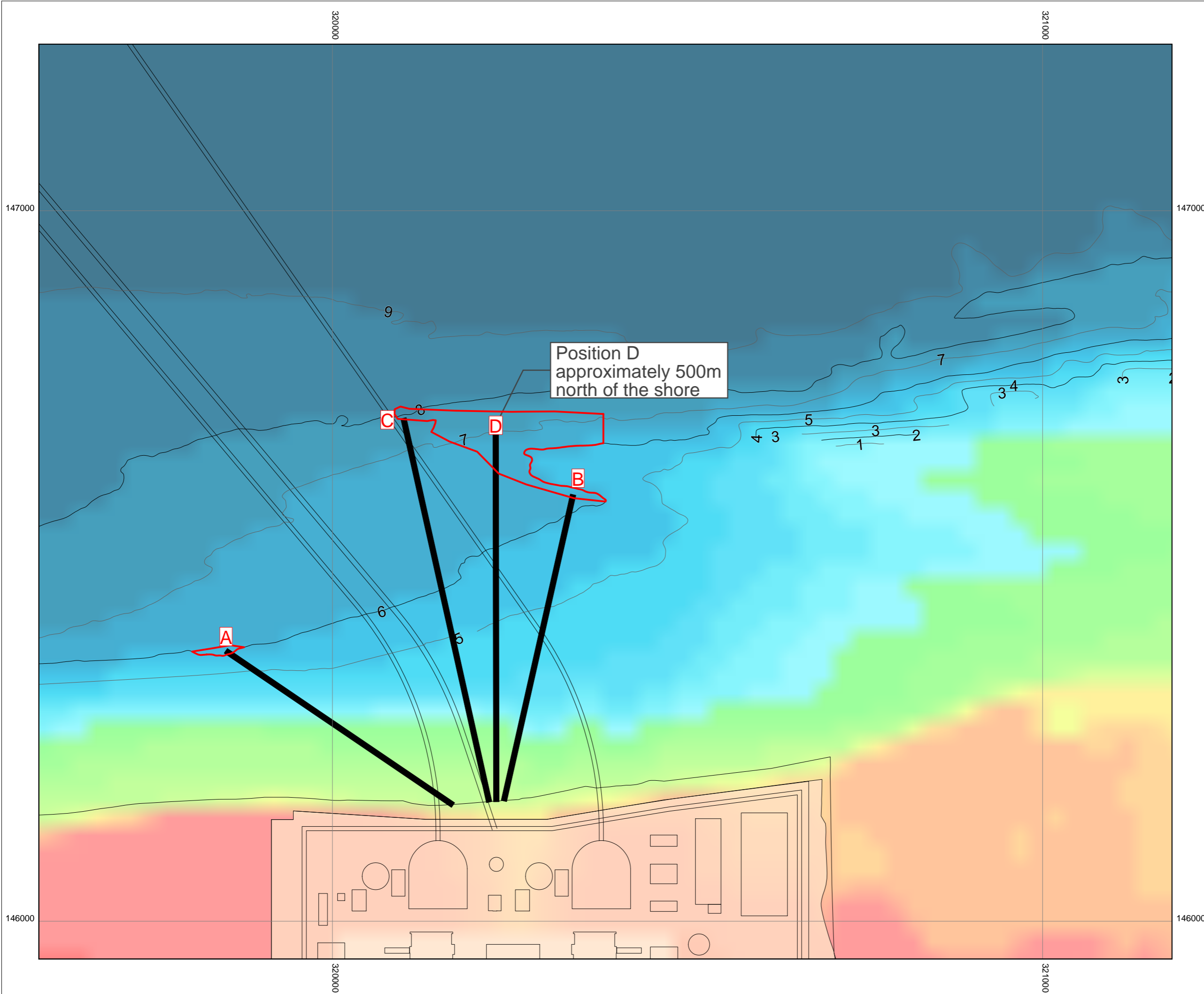
DOCUMENT:
HINKLEY POINT C PROJECT ENVIRONMENTAL STATEMENT VOLUME 2 CHAPTER 6

FIGURE TITLE:
HINKLEY POINT LOCATION ASSESSMENT

FIGURE NO: **FIGURE 6.1** REVISION: **01**

DATE: **SEPT 2011** DRAWN: **S.G** SCALE: **1:12,000@A3**





KEY

PROPOSED HINKLEY POINT C POWER STATION

COMBINED BATHYMETRY (ODN)

-20m	-4m	3m	10m
-10m	-3m	4m	11m
-9m	-2m	5m	12m
-8m	-1m	6m	13m
-7m	0m	7m	14m
-6m	1m	8m	15m
-5m	2m	9m	20m

COASTLINE



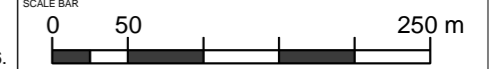
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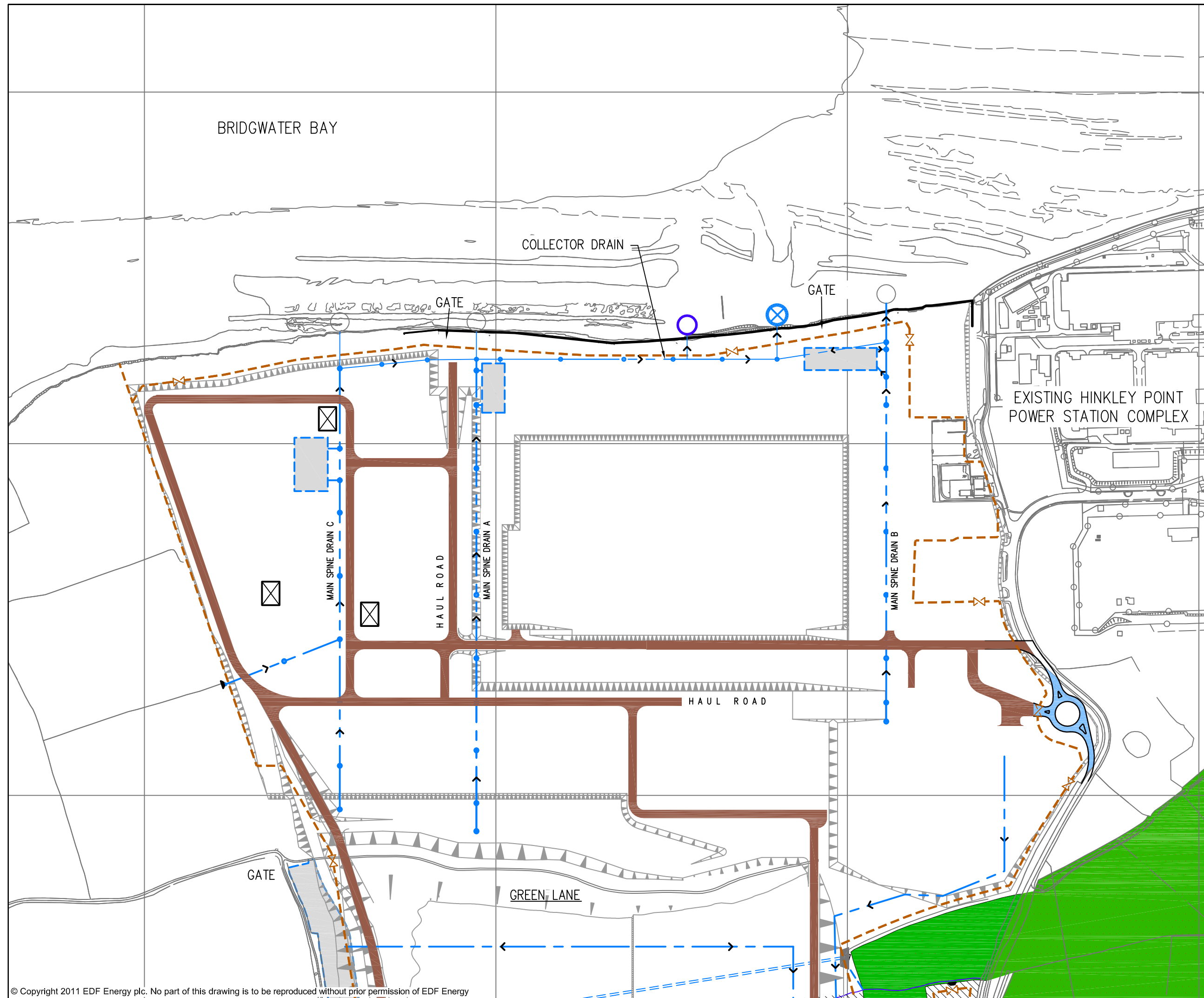


DOCUMENT:
HINKLEY POINT C PROJECT ENVIRONMENTAL STATEMENT VOLUME 2 CHAPTER 6

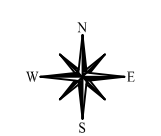
FIGURE TITLE:
FISH RETURN TUNNEL ROUTE OPTIONS

FIGURE NO: **FIGURE 6.2** REVISION: **01**
 DATE: **SEPT 2011** DRAWN: **B.B.** SCALE: **1:5000 @ A3**





- KEY**
- SURFACE WATER DRAIN PIPE
 - INDICATES MANHOLE LOCATION
 - OPTION 1 - 3 OUTFALL OPTION
 - ⊗ OPTION 2 - LOCATION A
 - OPTION 3 - LOCATION B
 - - - SECURITY FENCE
 - ▭ WATER MANAGEMENT ZONE
 - ▨ COMMON LAND
 - HAUL ROADS
 - ⊗ TEMPORARY SEWAGE TREATMENT PLANT



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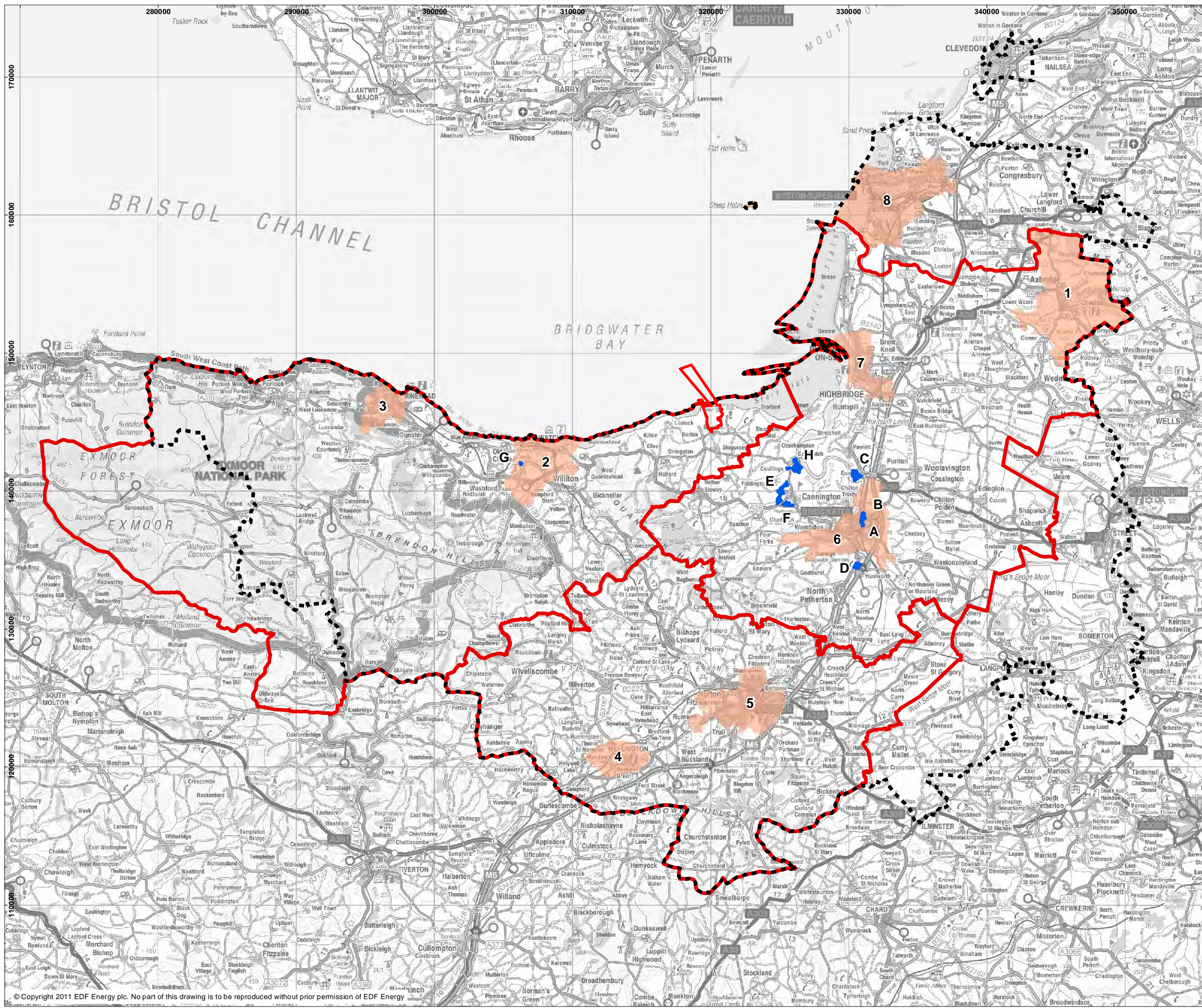


DOCUMENT:
HINKLEY POINT C PROJECT ENVIRONMENTAL STATEMENT VOLUME 2 CHAPTER 6

FIGURE TITLE:
SURFACE WATER DRAINAGE PROPOSED OUTFALL OPTIONS

FIGURE NO: FIGURE 6.3	REVISION: 01
DATE: SEPT 2011	DRAWN: J.G
SCALE: 1:5,000@A3	

SCALE BAR: 0 50 100 200 metres



- KEY**
- HINKLEY POINT C DEVELOPMENT SITE
 - 60-MINUTE TRAVEL ZONE
 - THREE DISTRICT AREA
 - A BRIDGWATER C SITE
 - B BRIDGWATER A SITE
 - C JUNCTION 23 SITE
 - D JUNCTION 24 SITE
 - E CANNINGTON BYPASS
 - F CANNINGTON PARK AND RIDE SITE
 - G WILLITON PARK AND RIDE SITE
 - H COMBWICH SITE
 - 1 CHEDDAR
 - 2 WATCHET / WILLITON
 - 3 MINEHEAD
 - 4 WELLINGTON
 - 5 TAUNTON
 - 6 BRIDGWATER
 - 7 BURNHAM AND HIGHBRIDGE
 - 8 WESTON SUPER MARE



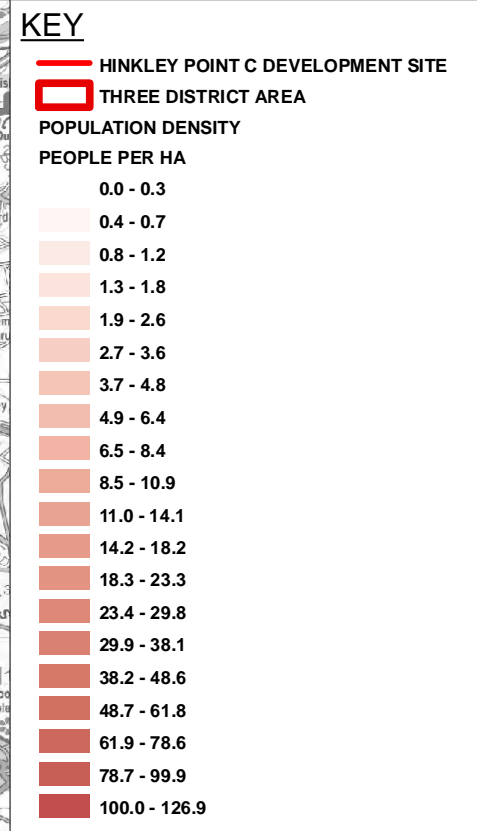
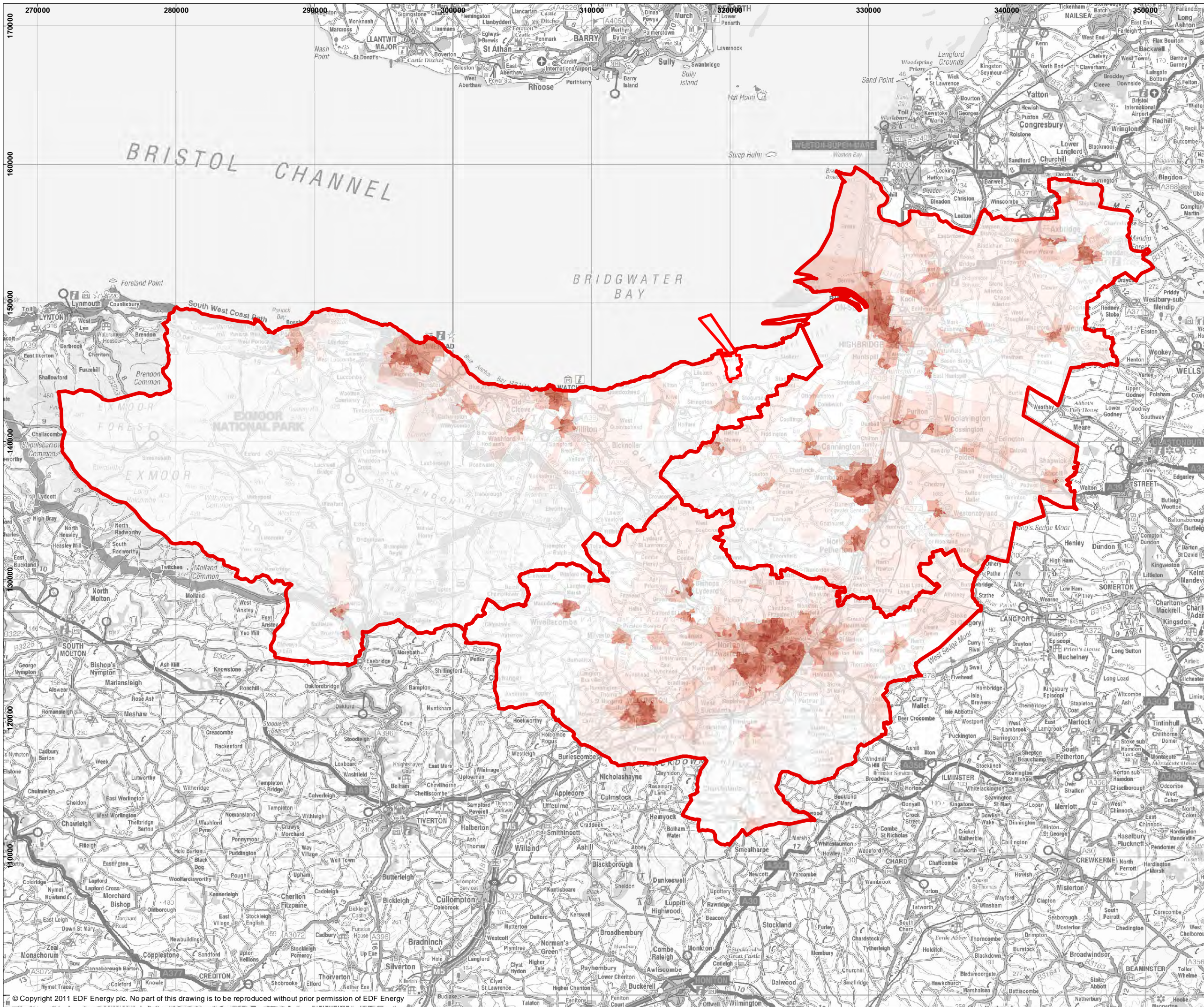
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DOCUMENT:
HINKLEY POINT C PROJECT
ENVIRONMENTAL STATEMENT
VOLUME 2 CHAPTER 9

FIGURE TITLE:
STUDY AREAS

FIGURE NO: **9.1** REVISION: **01**
 DATE: **SEPT 2011** DRAWN: **M.H** SCALE: **1:256,000@A3**
 SCALE BAR: 0 3 6 9kilometres



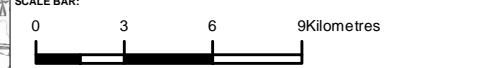
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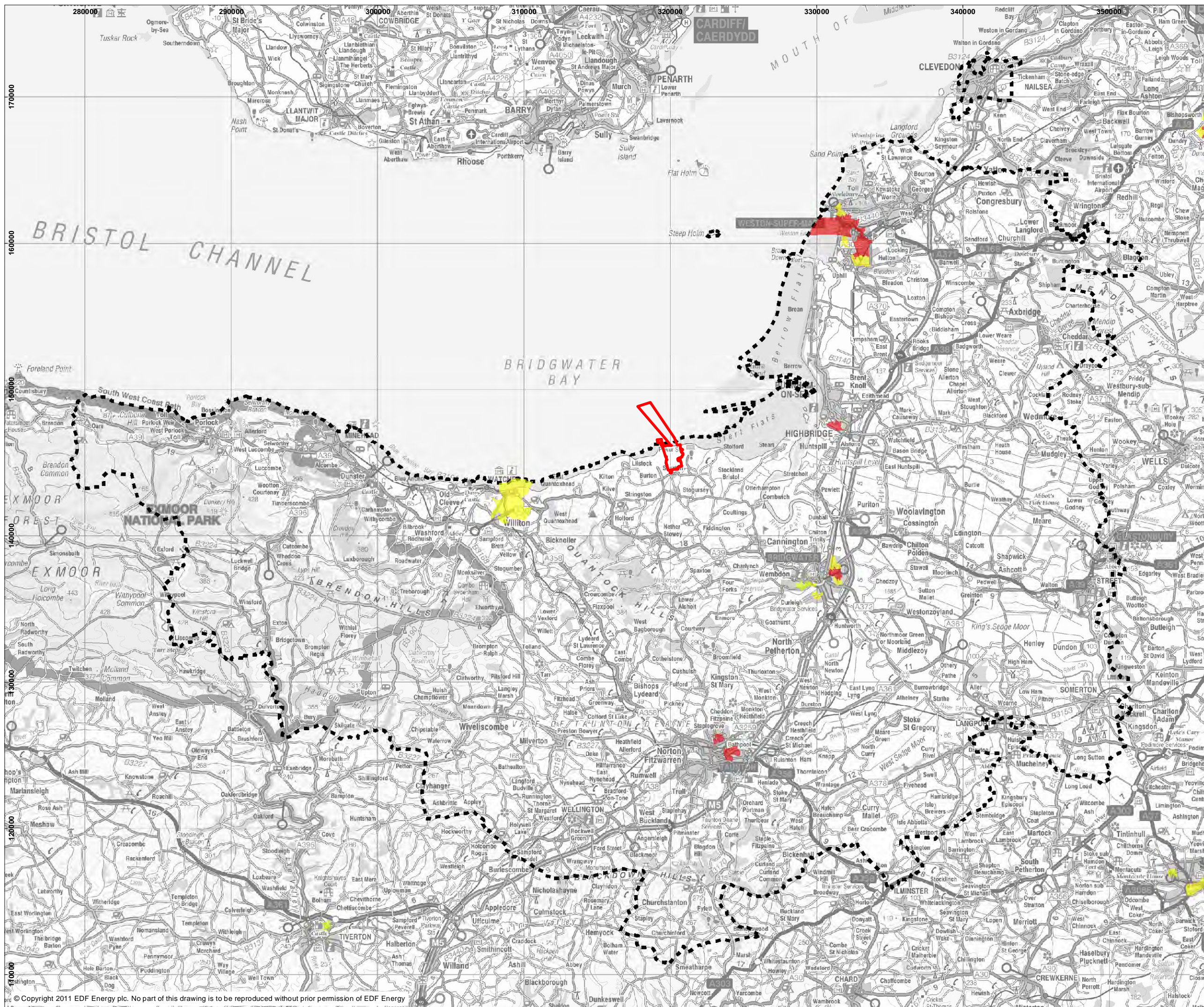


DOCUMENT:
**HINKLEY POINT C PROJECT
 ENVIRONMENTAL STATEMENT
 VOLUME 2 CHAPTER 9**

FIGURE TITLE:
POPULATION DENSITY

FIGURE NO: **FIGURE 9.2** REVISION: **01**
 DATE: **SEPT 2011** DRAWN: **M.H** SCALE: **1:256,000@A3**





KEY

- HINKLEY POINT C DEVELOPMENT SITE
- IMD (2010)
- RANK
- 10% MOST DEPRIVED
- 20% MOST DEPRIVED
- 60-MINUTE TRAVEL ZONE

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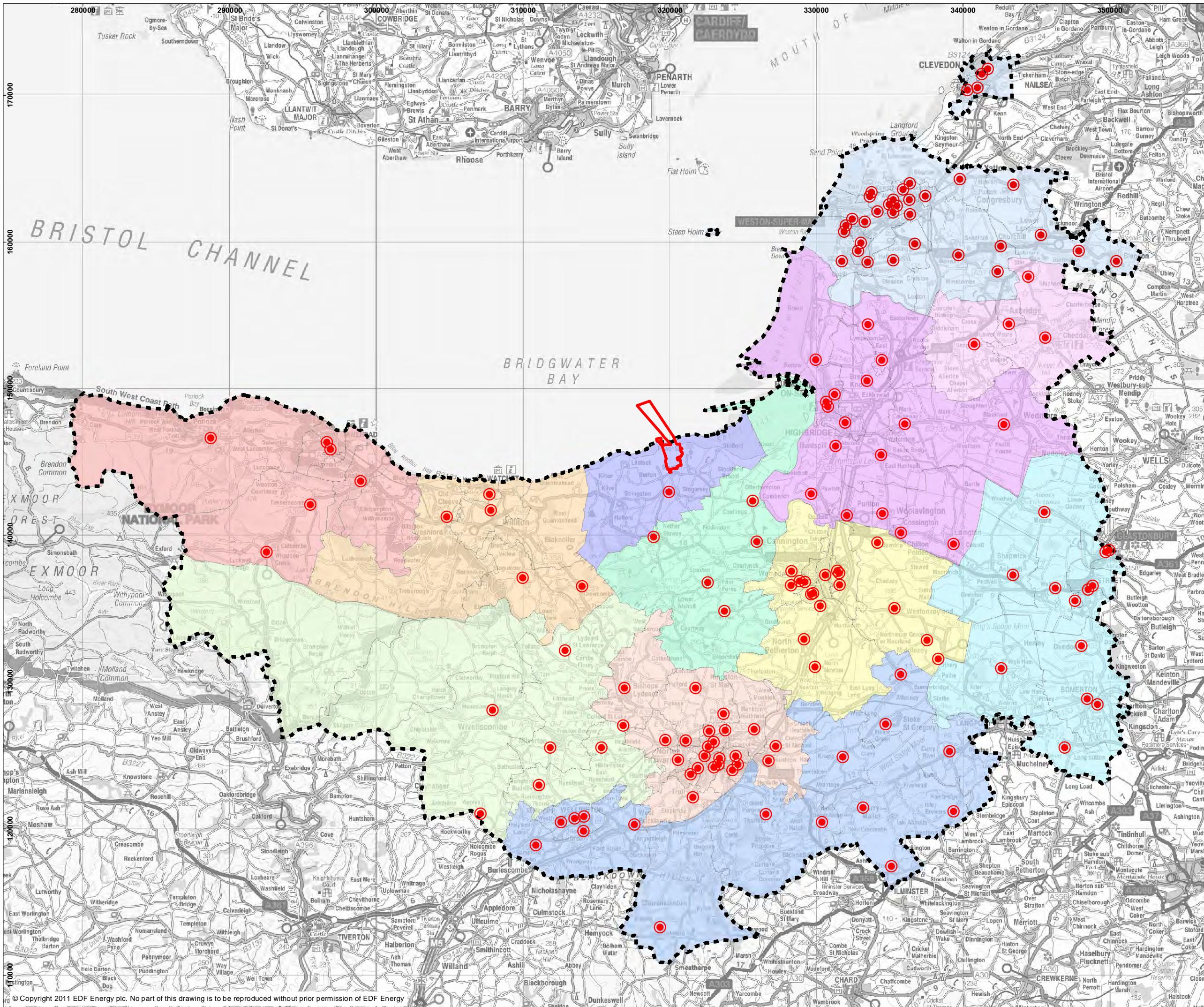


DOCUMENT:
**HINKLEY POINT C PROJECT
 ENVIRONMENTAL STATEMENT
 VOLUME 2 CHAPTER 9**

FIGURE TITLE:
INDICES OF MULTIPLE DEPRIVATION 2010

FIGURE NO: **FIGURE 9.3** REVISION: **01**
 DATE: **SEPT 2011** DRAWN: **M.H** SCALE: **1:242,000@A3**



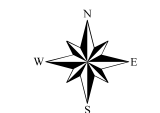


KEY

- PRIMARY SCHOOLS
- HINKLEY POINT C DEVELOPMENT SITE
- 60-MINUTE TRAVEL ZONE

DISTRIBUTION OF NHB WORKERS JUNE 2011 GRAVITY MODEL

- BRIDGWATER
- BURNHAM AND HIGHBRIDGE
- CANNINGTON
- CHEDDAR AND CLEVEDON
- GLASTONBURY
- HINKLEY POINT
- MINEHEAD
- SOMERSET SOUTH
- SOMERSET WEST
- TAUNTON
- WATCHET AND WILLITON
- WESTON-SUPER-MARE



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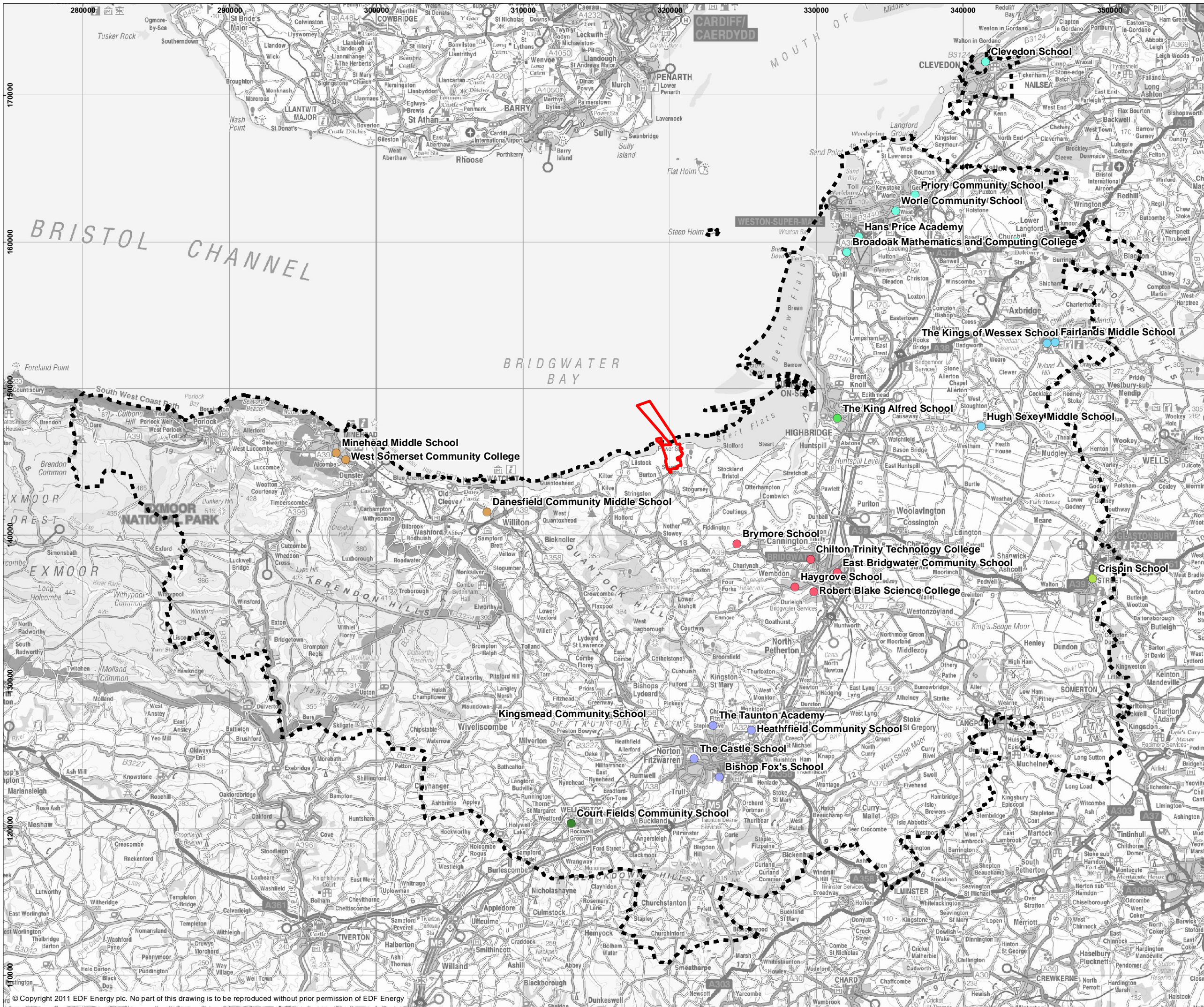


DOCUMENT:
HINKLEY POINT C PROJECT ENVIRONMENTAL STATEMENT VOLUME 2 CHAPTER 9

FIGURE TITLE:
PRIMARY SCHOOLS BY WARD CLUSTER

FIGURE NO: **FIGURE 9.4** REVISION: **01**
 DATE: **SEPT 2011** DRAWN: **M.H** SCALE: **1:242,000@A3**





- KEY**
- HINKLEY POINT C DEVELOPMENT SITE
 - 60-MINUTE TRAVEL ZONE
 - SECONDARY SCHOOLS**
 - SOP AREA**
 - BRIDGWATER AREA
 - BURNHAM-ON-SEA AREA
 - CHEDDAR AREA
 - GLASTONBURY AREA
 - STREET AREA
 - TAUNTON AREA
 - WELLINGTON AREA
 - WEST SOMERSET AREA
 - NORTH SOMERSET



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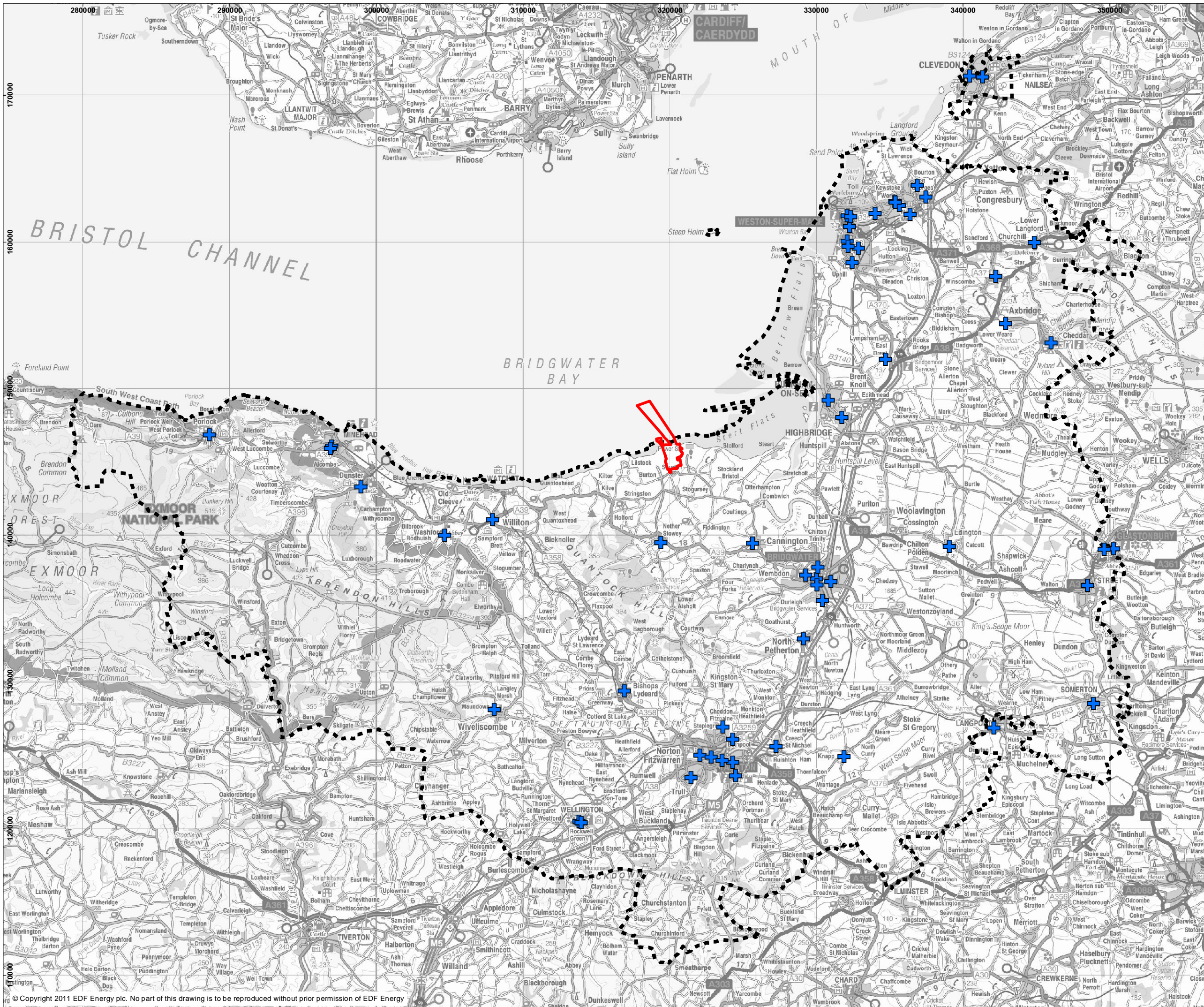


DOCUMENT:
HINKLEY POINT C PROJECT
ENVIRONMENTAL STATEMENT
VOLUME 2 CHAPTER 9

FIGURE TITLE:
SECONDARY SCHOOLS BY
SOP PLANNING AREA

FIGURE NO: **FIGURE 9.5** REVISION: **01**
 DATE: **SEPT 2011** DRAWN: **M.H** SCALE: **1:242,000@A3**

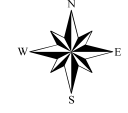




KEY

- HINKLEY POINT C DEVELOPMENT SITE
- 60-MINUTE TRAVEL ZONE
- GP SURGERIES

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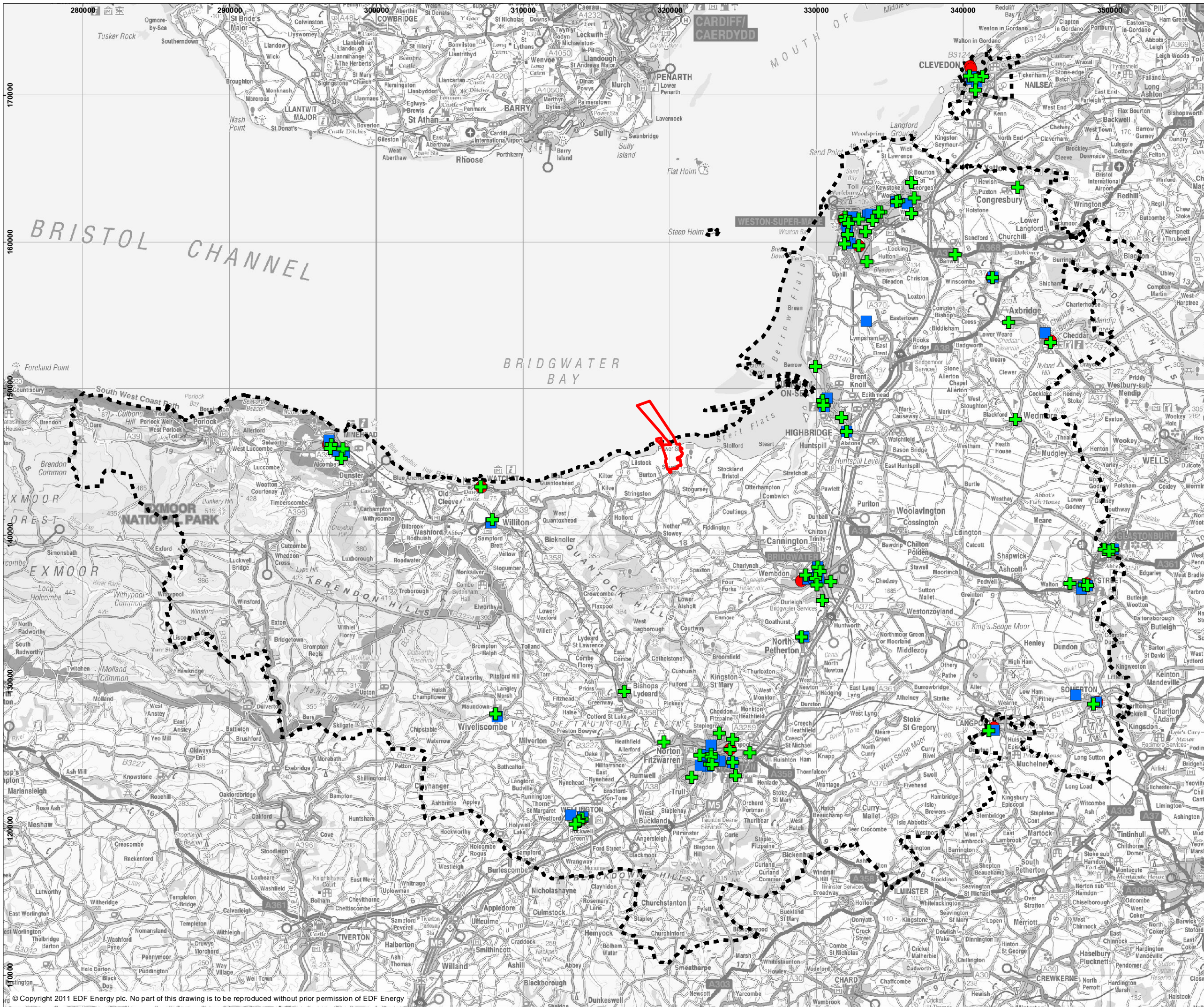







DOCUMENT:
**HINKLEY POINT C PROJECT
 ENVIRONMENTAL STATEMENT
 VOLUME 2 CHAPTER 9**

FIGURE TITLE:
GP SURGERIES

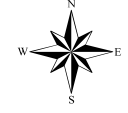
FIGURE NO: **FIGURE 9.6** REVISION: **01**
 DATE: **SEPT 2011** DRAWN: **M.H** SCALE: **1:242,000@A3**





- KEY**
-  HINKLEY POINT C DEVELOPMENT SITE
 -  60-MINUTE TRAVEL ZONE
 -  OPTICIANS
 -  DENTISTS
 -  PHARMACIES

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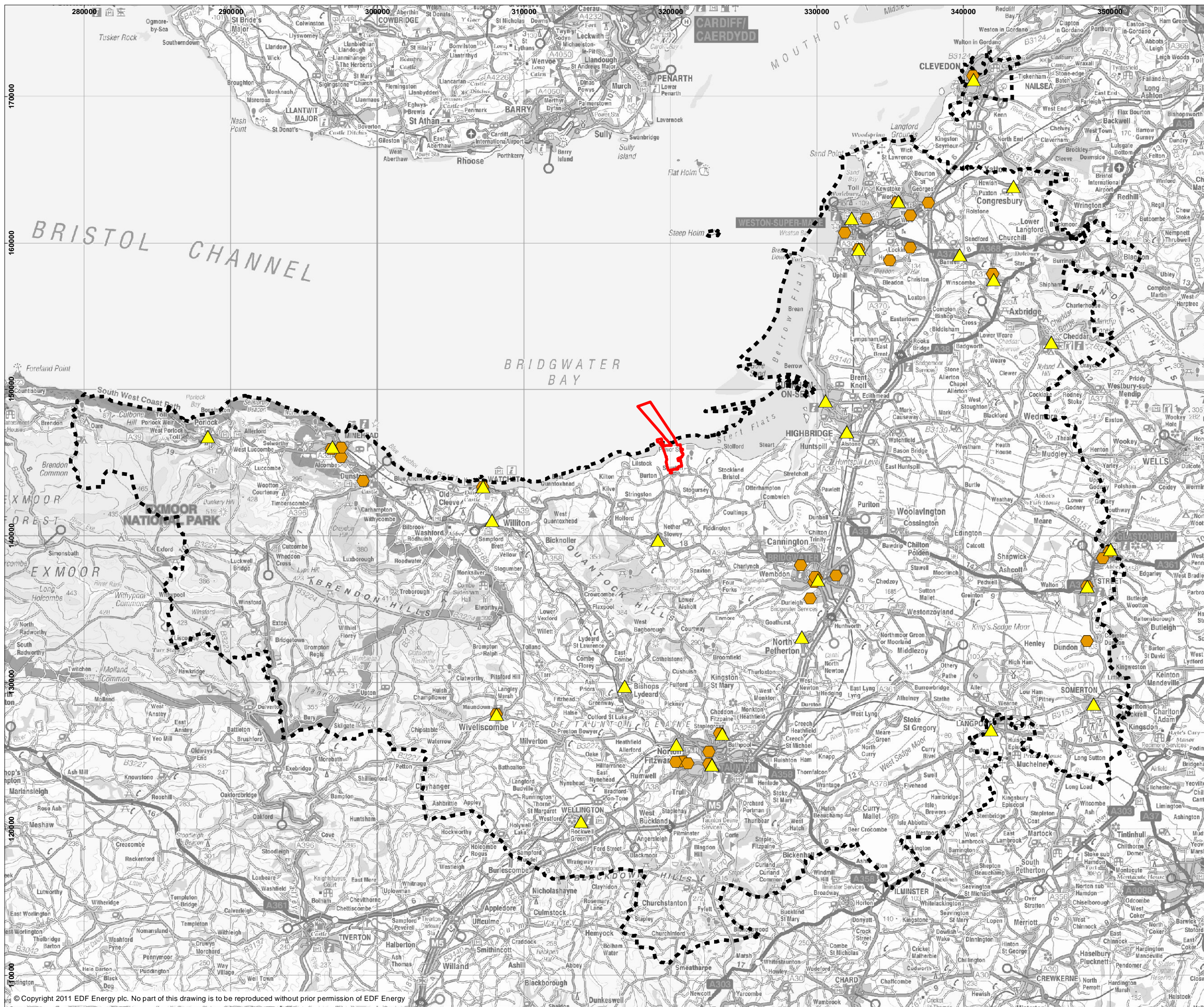


DOCUMENT:
**HINKLEY POINT C PROJECT
 ENVIRONMENTAL STATEMENT
 VOLUME 2 CHAPTER 9**




FIGURE TITLE:
PRIMARY HEALTHCARE SERVICES

FIGURE NO: **FIGURE 9.7** REVISION: **01**
 DATE: **SEPT 2011** DRAWN: **M.H** SCALE: **1:242,000@A3**

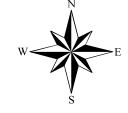




KEY

-  HINKLEY POINT C DEVELOPMENT SITE
-  60-MINUTE TRAVEL ZONE
-  LIBRARIES
-  COMMUNITY CENTRES

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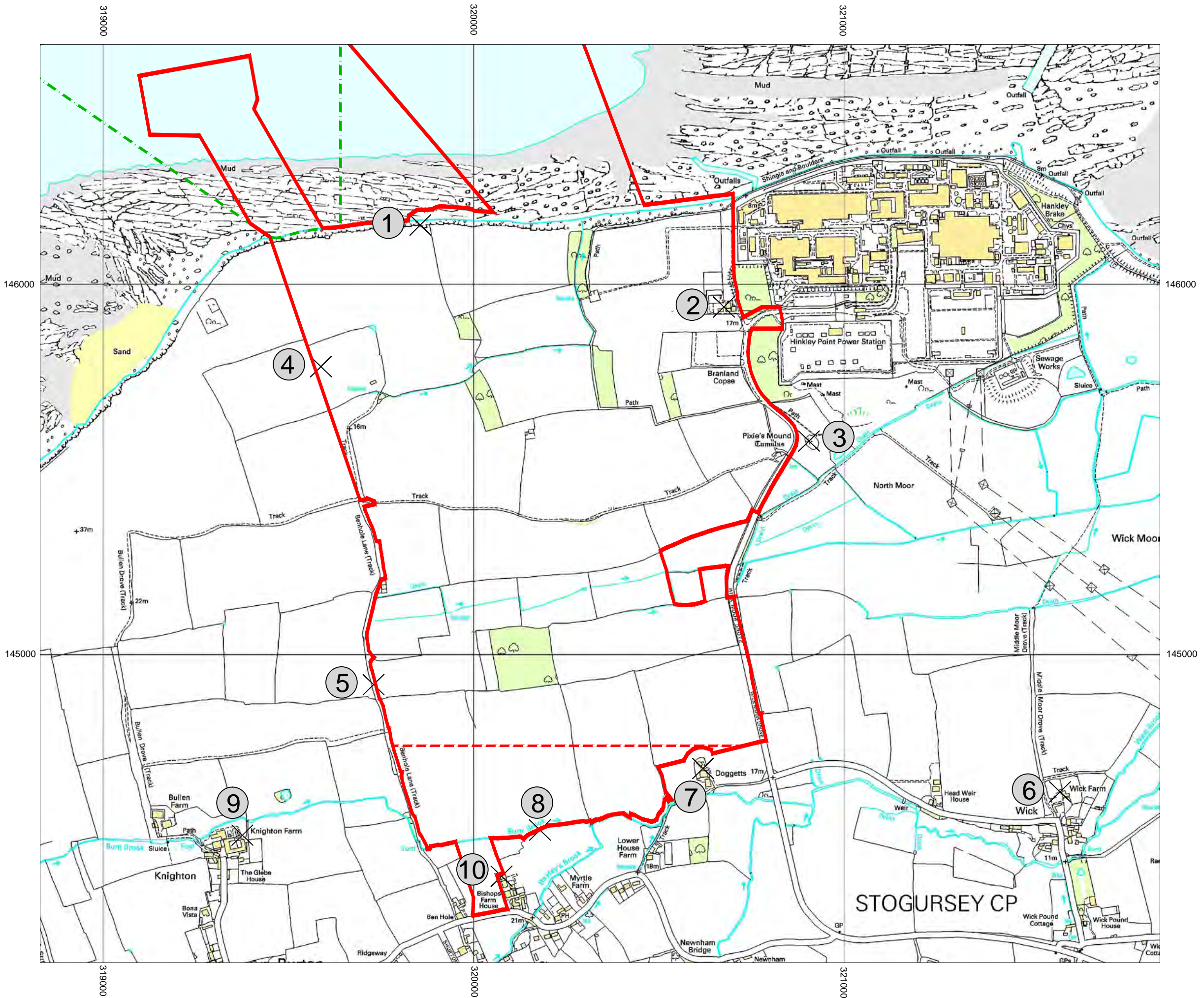


DOCUMENT:
**HINKLEY POINT C PROJECT
 ENVIRONMENTAL STATEMENT
 VOLUME 2 CHAPTER 9**

FIGURE TITLE:
LIBRARIES AND COMMUNITY CENTRES

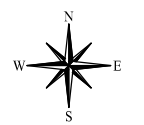
FIGURE NO: **FIGURE 9.8** REVISION: **01**
 DATE: **SEPT 2011** DRAWN: **M.H** SCALE: **1:242,000@A3**





- KEY**
- HINKLEY POINT C DEVELOPMENT SITE BOUNDARY
 - TEMPORARY JETTY SEAWARD HARBOUR LIMITS
 - SOUTHERN EXTENT OF MAIN CONSTRUCTION WORKS

- RECEPTOR LOCATIONS**
- 1 NORTHERN DEVELOPMENT SITE BOUNDARY (COASTAL FOOTPATH)
 - 2 HINKLEY POINT POWER STATION - VISITORS CENTRE
 - 3 PIXIES MOUND
 - 4 BENHOLE LANE NORTH (FOOTPATH)
 - 5 BENHOLE LANE SOUTH (FOOTPATH)
 - 6 WICK FARM (RESIDENTIAL)
 - 7 DOGGETTS (RESIDENTIAL)
 - 8 SOUTHERN BOUNDARY OF THE SOUTHERN CONSTRUCTION PHASE AREA
 - 9 KNIGHTON FARM (RESIDENTIAL)
 - 10 BISHOPS FARM HOUSE (RESIDENTIAL)



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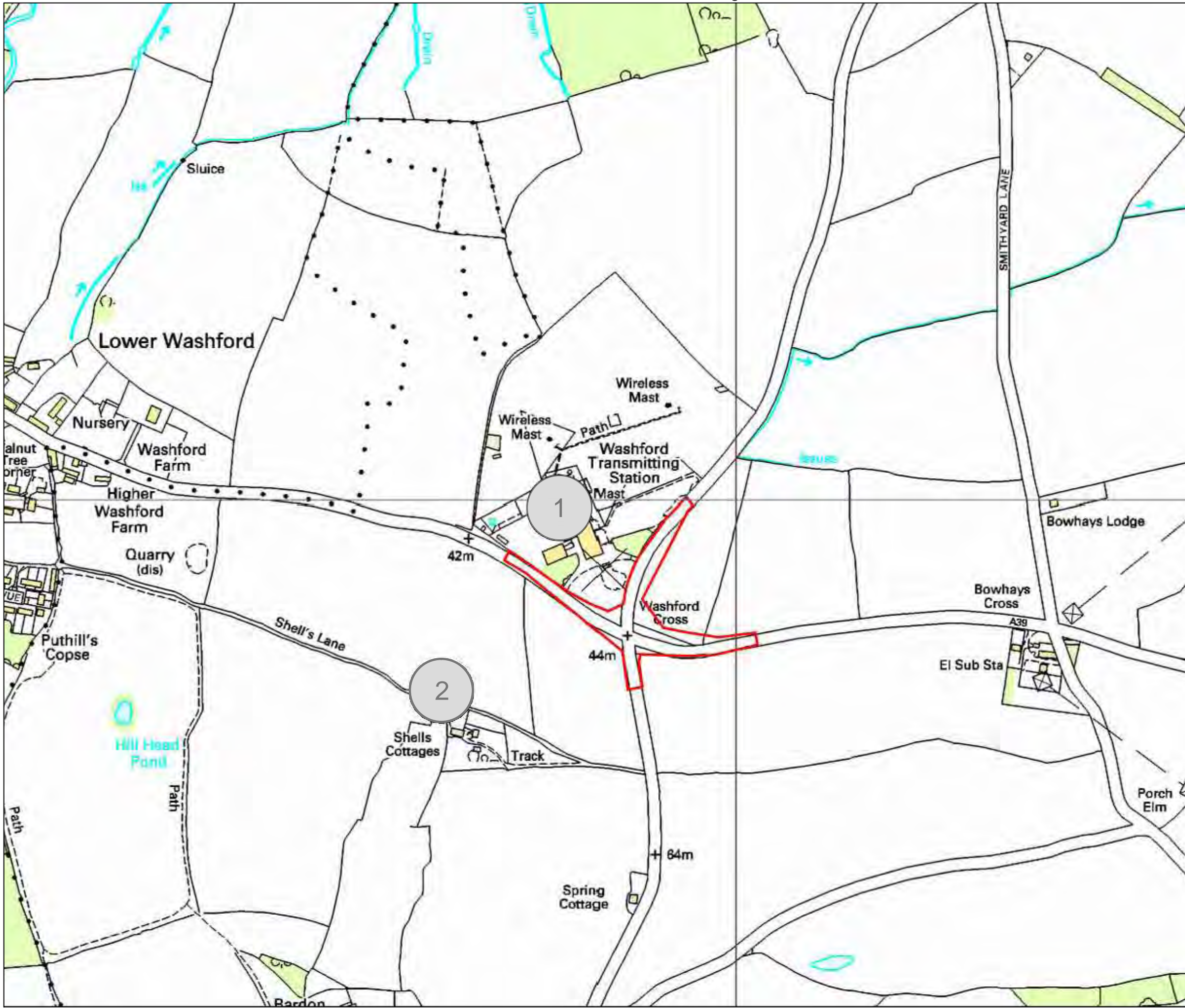


DOCUMENT:
HINKLEY POINT C PROJECT ENVIRONMENTAL STATEMENT VOLUME 2 CHAPTER 11

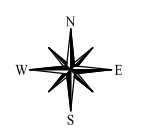
FIGURE TITLE:
STUDY AREA - NOISE MONITORING AND ASSESSMENT LOCATIONS

FIGURE NO: **FIGURE 11.1** REVISION: **01**
 DATE: **SEPT 2011** DRAWN: **C.Y** SCALE: **1:10,000@A3**





- KEY**
- PROPOSED HPC HIGHWAYS IMPROVEMENT SCHEME BOUNDARY
- RECEPTOR LOCATIONS**
- 1 TROPIQUARIA
 - 2 SHELLS COTTAGES



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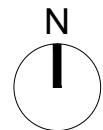


DOCUMENT:
HINKLEY POINT C PROJECT ENVIRONMENTAL STATEMENT VOLUME 2 CHAPTER 11

FIGURE TITLE:
STUDY AREA (OFF-SITE HIGHWAYS IMPROVEMENTS) - NOISE ASSESSMENT LOCATIONS WASHFORD CROSS

FIGURE NO: **FIGURE 11.2A** REVISION: **01**
 DATE: **SEPT 2011** DRAWN: **C.Y** SCALE: **1:5,000@A3**





Perrymoor Brook CS

Swimming

Sandford House

Def

MS 0

GP

CS

39

GP

1

Sandford Waters

Perrymoor Brook

Ward Bdy

SO


Quantock Lodge

A 39

Perrymoor Brook CS

Track

KEY

 PROPOSED HPC HIGHWAYS IMPROVEMENT SCHEME BOUNDARY

RECEPTOR LOCATIONS

1 RESIDENTIAL DWELLING



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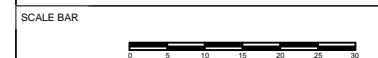


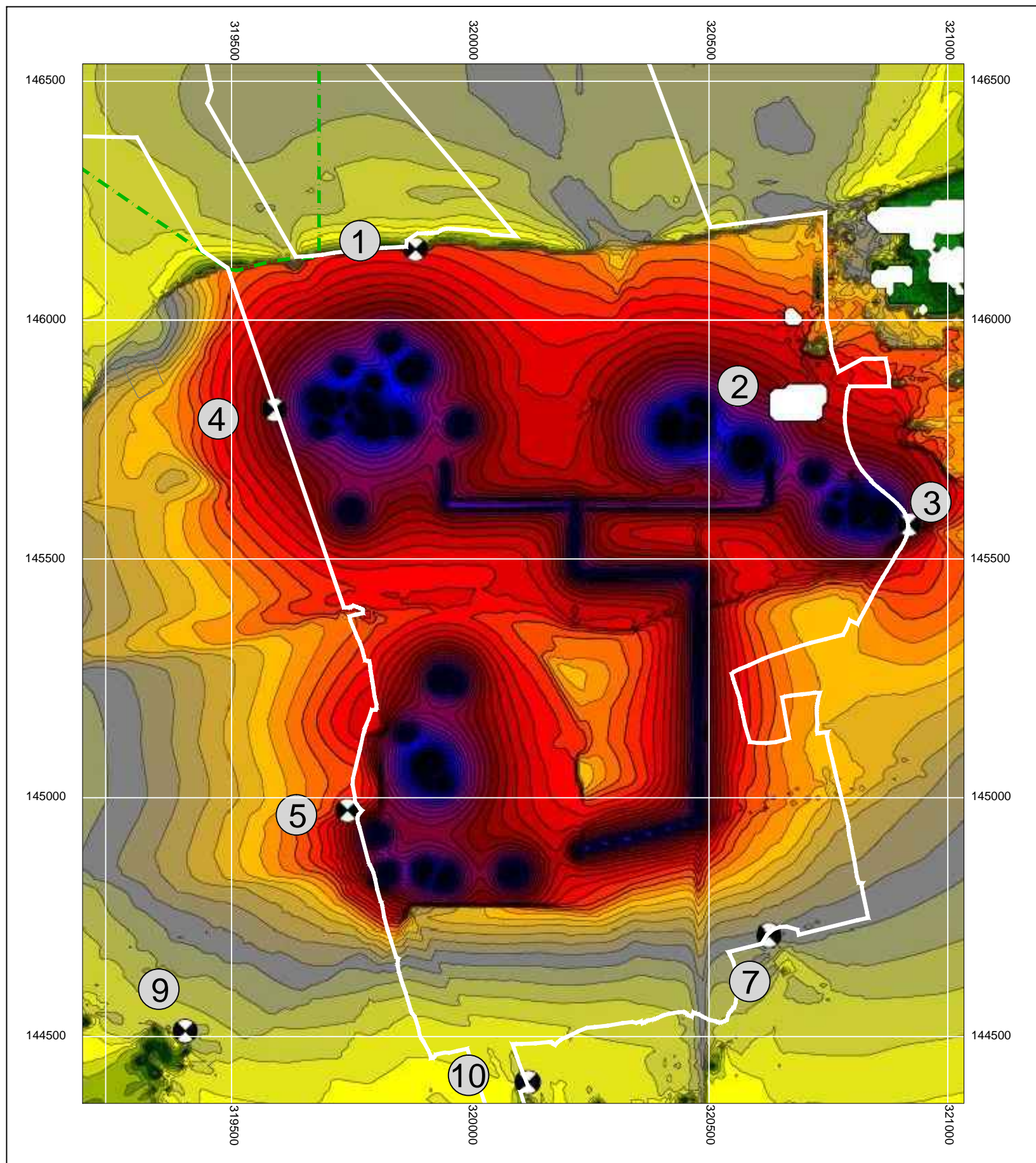
DOCUMENT:
HINKLEY POINT C PROJECT ENVIRONMENTAL STATEMENT VOLUME 2 CHAPTER 11

FIGURE TITLE:
STUDY AREA (OFF-SITE HIGHWAYS IMPROVEMENTS) - NOISE ASSESSMENT LOCATIONS SANDFORD CORNER

FIGURE NO: **FIGURE 11.2B** REVISION: **01**

DATE: **SEPT 2011** DRAWN: **S.A** SCALE: **1:500@A1**





KEY

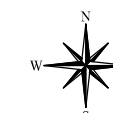
- HINKLEY POINT C DEVELOPMENT SITE BOUNDARY
- TEMPORARY JETTY SEAWARD HARBOUR LIMITS

RECEPTOR LOCATIONS

- 1 NORTHERN DEVELOPMENT SITE BOUNDARY (COASTAL FOOTPATH)
- 2 HINKLEY POINT POWER STATION - VISITORS CENTRE
- 3 PIXIES MOUND
- 4 BENHOLE LANE NORTH (FOOTPATH)
- 5 BENHOLE LANE SOUTH (FOOTPATH)
- 7 DOGGETTS (RESIDENTIAL)
- 9 KNIGHTON FARM (RESIDENTIAL)
- 10 BISHOPS FARM HOUSE (RESIDENTIAL)

dB $L_{Aeq,T}$

> 30.0 dB
> 35.0 dB
> 40.0 dB
> 45.0 dB
> 50.0 dB
> 55.0 dB
> 60.0 dB
> 65.0 dB
> 70.0 dB
> 75.0 dB
> 80.0 dB
> 85.0 dB



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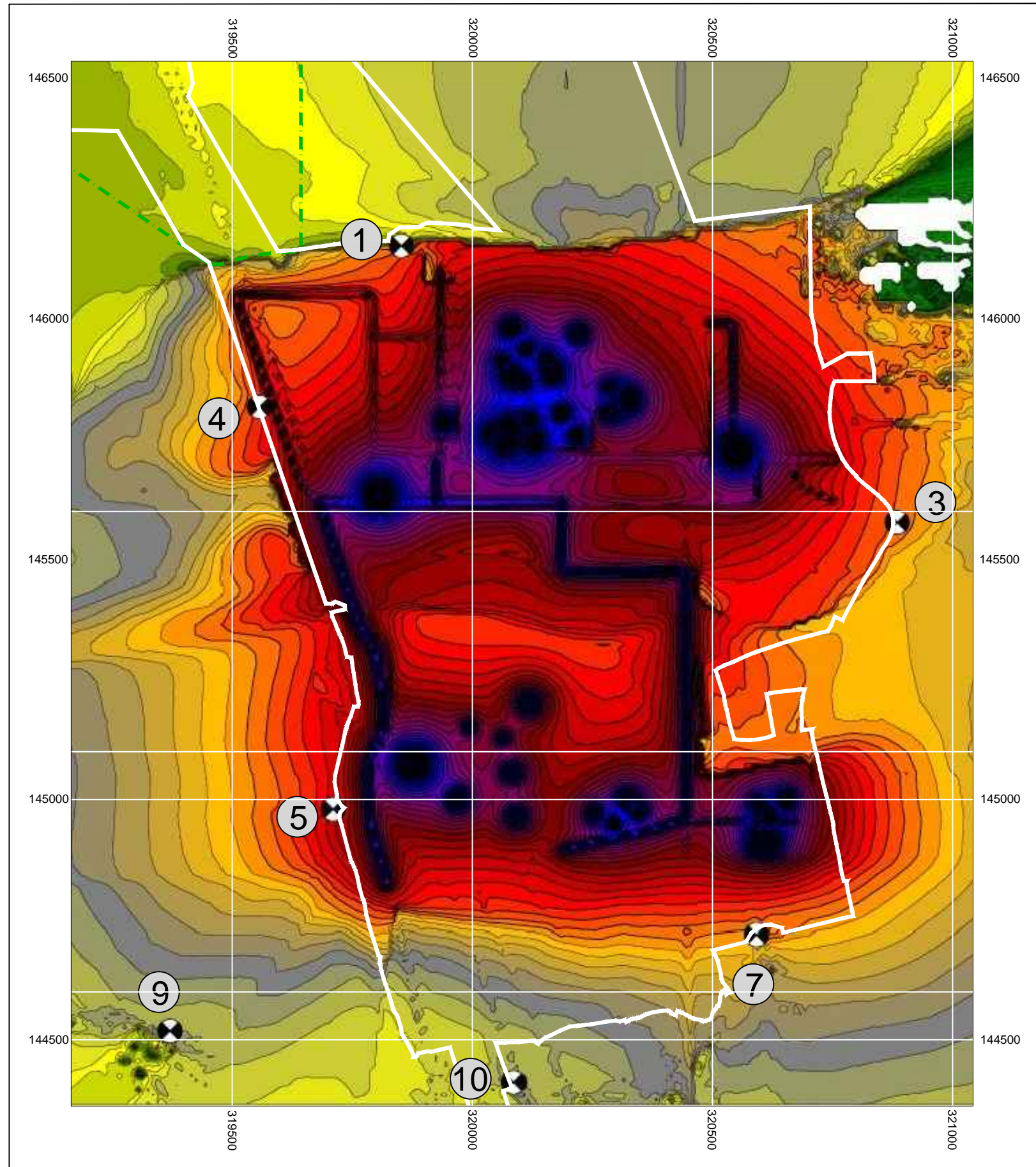
DOCUMENT:
HINKLEY POINT C PROJECT ENVIRONMENTAL STATEMENT VOLUME 2 CHAPTER 11

FIGURE TITLE:
CONSTRUCTION NOISE CONTOURS - AT 4M ABOVE GROUND LEVEL (SCENARIO A)



FIGURE NO: **FIGURE 11.3** REVISION: **01**

DATE: **SEPT 2011** DRAWN: **C.Y** SCALE: **1:10,000@A3**

















KEY

-  HINKLEY POINT C DEVELOPMENT SITE BOUNDARY
-  TEMPORARY JETTY SEAWARD HARBOUR LIMITS

RECEPTOR LOCATIONS

- 1 NORTHERN DEVELOPMENT SITE BOUNDARY (COASTAL FOOTPATH)
- 3 PIXIES MOUND
- 4 BENHOLE LANE NORTH (FOOTPATH)
- 5 BENHOLE LANE SOUTH (FOOTPATH)
- 7 DOGGETTS (RESIDENTIAL)
- 9 KNIGHTON FARM (RESIDENTIAL)
- 10 BISHOPS FARM HOUSE (RESIDENTIAL)

dB $L_{Aeq,T}$

-  > 30.0 dB
-  > 35.0 dB
-  > 40.0 dB
-  > 45.0 dB
-  > 50.0 dB
-  > 55.0 dB
-  > 60.0 dB
-  > 65.0 dB
-  > 70.0 dB
-  > 75.0 dB
-  > 80.0 dB
-  > 85.0 dB



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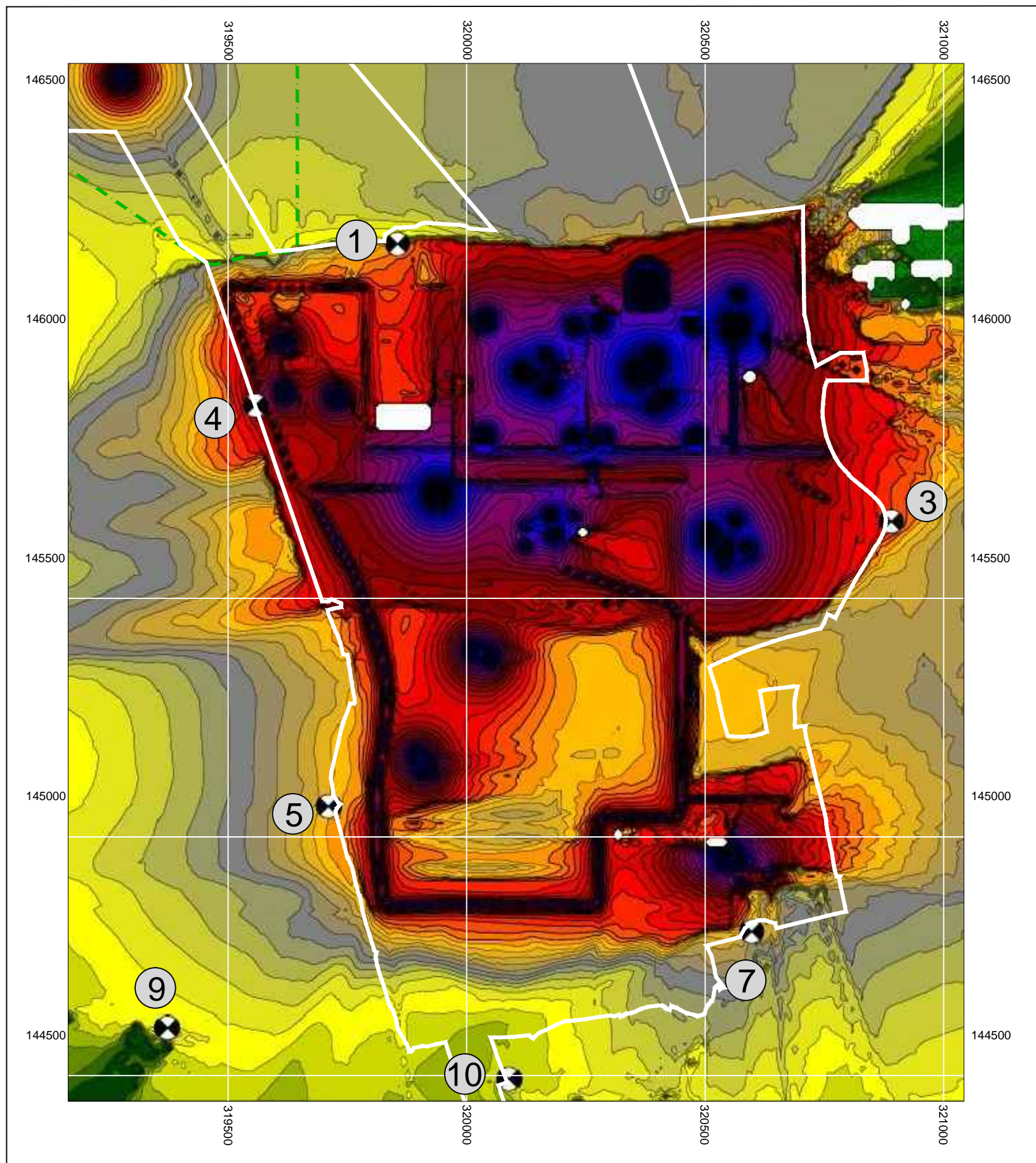
DOCUMENT:
HINKLEY POINT C PROJECT ENVIRONMENTAL STATEMENT VOLUME 2 CHAPTER 11

FIGURE TITLE:
CONSTRUCTION NOISE CONTOURS - AT 4M ABOVE GROUND LEVEL (SCENARIO B)



FIGURE NO: **FIGURE 11.4** REVISION: **01**

DATE: **SEPT 2011** DRAWN: **C.Y** SCALE: **1:10,000@A3**

















KEY

-  HINKLEY POINT C DEVELOPMENT SITE BOUNDARY
-  TEMPORARY JETTY SEAWARD HARBOUR LIMITS

RECEPTOR LOCATIONS

- 1 NORTHERN DEVELOPMENT SITE BOUNDARY (COASTAL FOOTPATH)
- 3 PIXIES MOUND
- 4 BENHOLE LANE NORTH (FOOTPATH)
- 5 BENHOLE LANE SOUTH (FOOTPATH)
- 7 DOGGETTS (RESIDENTIAL)
- 9 KNIGHTON FARM (RESIDENTIAL)
- 10 BISHOPS FARM HOUSE (RESIDENTIAL)

dB $L_{Aeq,T}$

	> 30.0 dB
	> 35.0 dB
	> 40.0 dB
	> 45.0 dB
	> 50.0 dB
	> 55.0 dB
	> 60.0 dB
	> 65.0 dB
	> 70.0 dB
	> 75.0 dB
	> 80.0 dB
	> 85.0 dB



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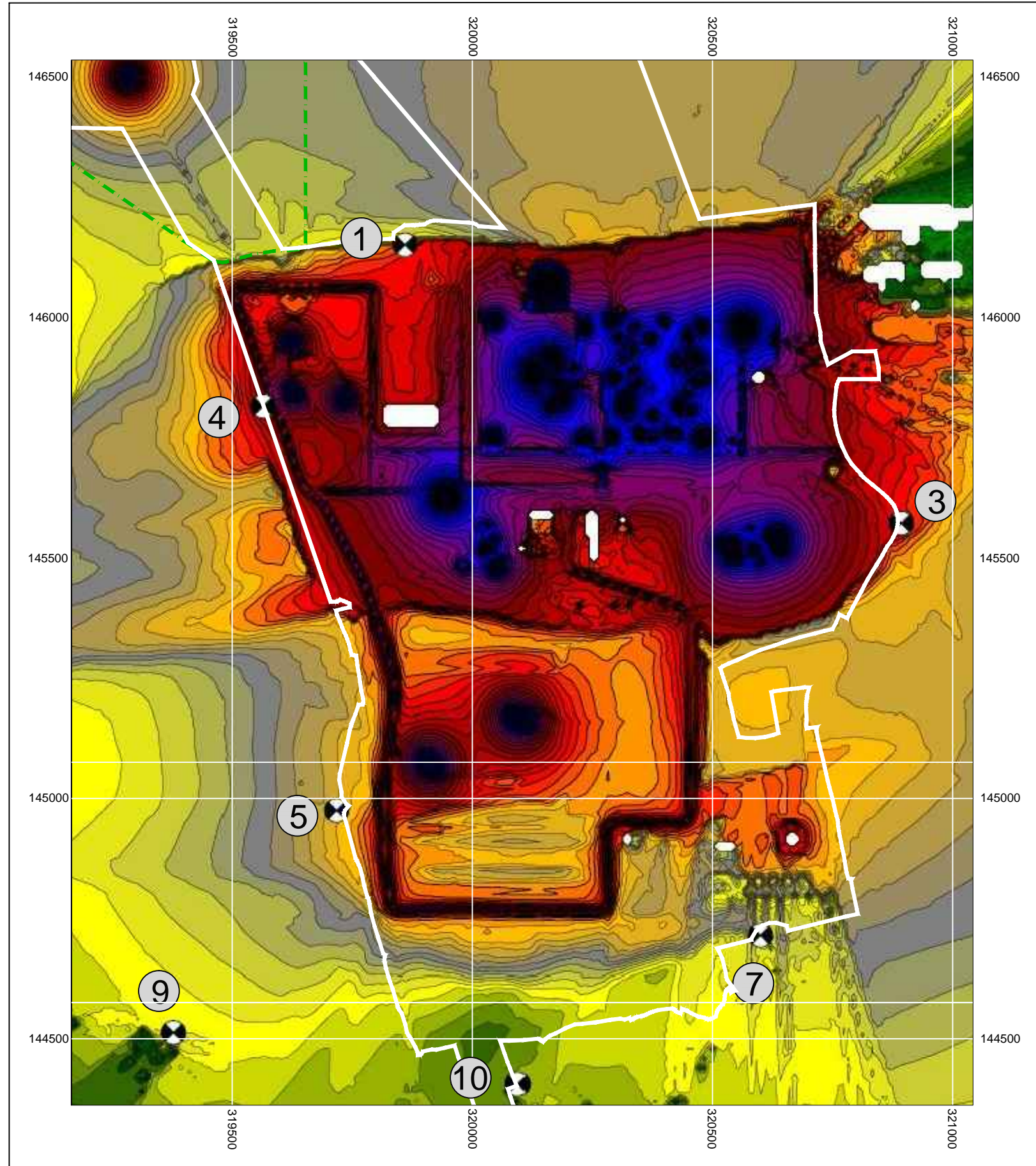


DOCUMENT:
HINKLEY POINT C PROJECT ENVIRONMENTAL STATEMENT VOLUME 2 CHAPTER 11



FIGURE TITLE:
CONSTRUCTION NOISE CONTOURS - AT 4M ABOVE GROUND LEVEL (SCENARIO C)

FIGURE NO: **FIGURE 11.5** REVISION: **01**
 DATE: **SEPT 2011** DRAWN: **C.Y** SCALE: **1:10,000@A3**



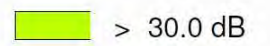
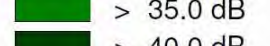
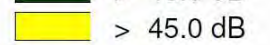
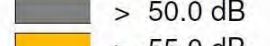
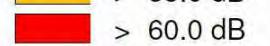
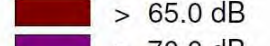
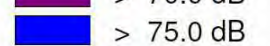
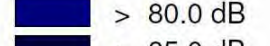






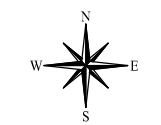
KEY

-  HINKLEY POINT C DEVELOPMENT SITE BOUNDARY
-  TEMPORARY JETTY SEAWARD HARBOUR LIMITS

- RECEPTOR LOCATIONS**
- 1 NORTHERN DEVELOPMENT SITE BOUNDARY (COASTAL FOOTPATH)
 - 3 PIXIES MOUND
 - 4 BENHOLE LANE NORTH (FOOTPATH)
 - 5 BENHOLE LANE SOUTH (FOOTPATH)
 - 7 DOGGETTS (RESIDENTIAL)
 - 9 KNIGHTON FARM (RESIDENTIAL)
 - 10 BISHOPS FARM HOUSE (RESIDENTIAL)

dB LAeq,T

	> 30.0 dB
	> 35.0 dB
	> 40.0 dB
	> 45.0 dB
	> 50.0 dB
	> 55.0 dB
	> 60.0 dB
	> 65.0 dB
	> 70.0 dB
	> 75.0 dB
	> 80.0 dB
	> 85.0 dB



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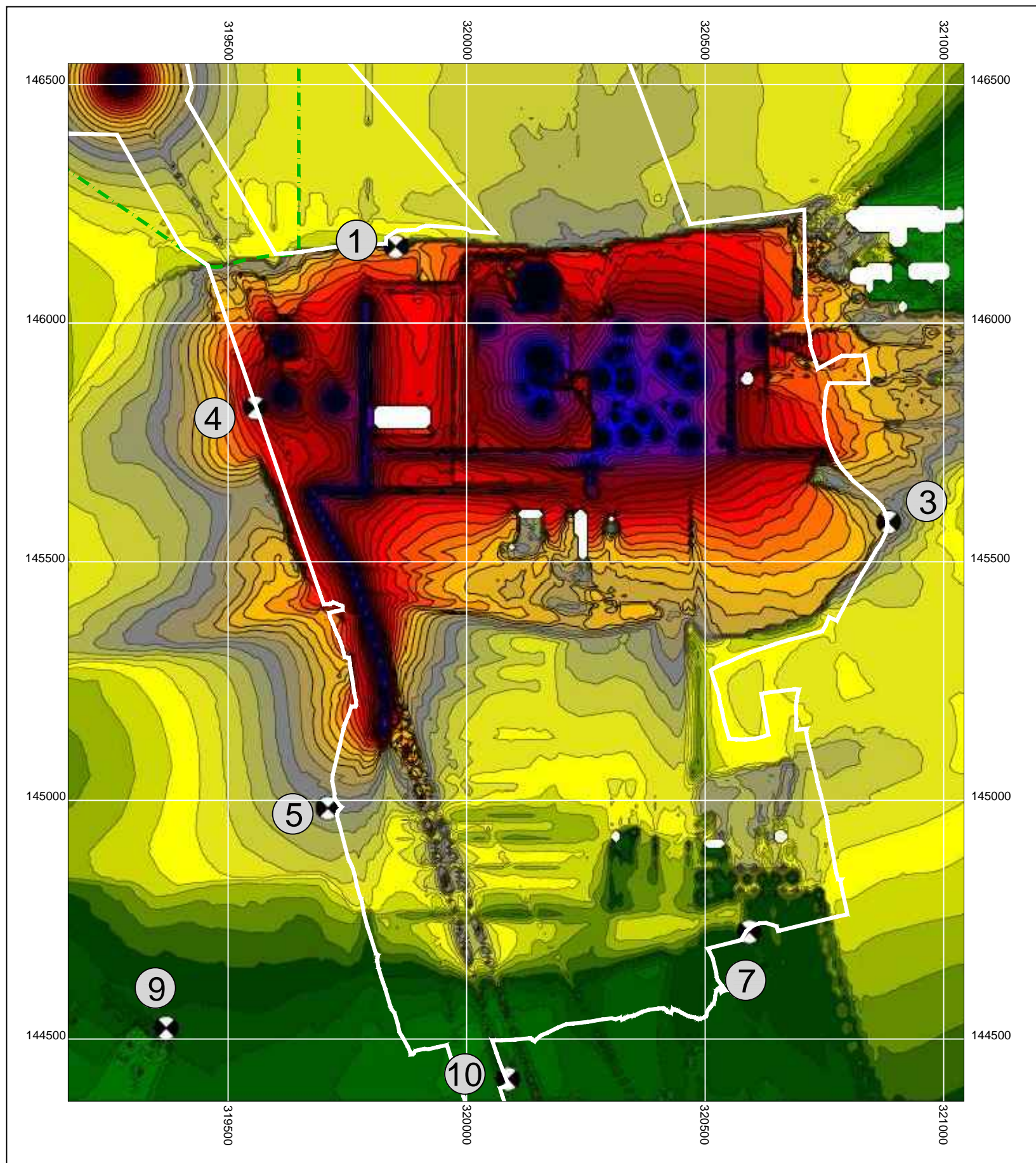
DOCUMENT:
HINKLEY POINT C PROJECT ENVIRONMENTAL STATEMENT VOLUME 2 CHAPTER 11

FIGURE TITLE:
CONSTRUCTION NOISE CONTOURS - AT 4M ABOVE GROUND LEVEL (SCENARIO D)



FIGURE NO: **FIGURE 11.6** REVISION: **01**

DATE: **SEPT 2011** DRAWN: **C.Y** SCALE: **1:10,000@A3**

















KEY

-  HINKLEY POINT C DEVELOPMENT SITE BOUNDARY
-  TEMPORARY JETTY SEAWARD HARBOUR LIMITS

RECEPTOR LOCATIONS

- 1 NORTHERN DEVELOPMENT SITE BOUNDARY (COASTAL FOOTPATH)
- 3 PIXIES MOUND
- 4 BENHOLE LANE NORTH (FOOTPATH)
- 5 BENHOLE LANE SOUTH (FOOTPATH)
- 7 DOGGETTS (RESIDENTIAL)
- 9 KNIGHTON FARM (RESIDENTIAL)
- 10 BISHOPS FARM HOUSE (RESIDENTIAL)

dB $L_{Aeq,T}$

	> 30.0 dB
	> 35.0 dB
	> 40.0 dB
	> 45.0 dB
	> 50.0 dB
	> 55.0 dB
	> 60.0 dB
	> 65.0 dB
	> 70.0 dB
	> 75.0 dB
	> 80.0 dB
	> 85.0 dB



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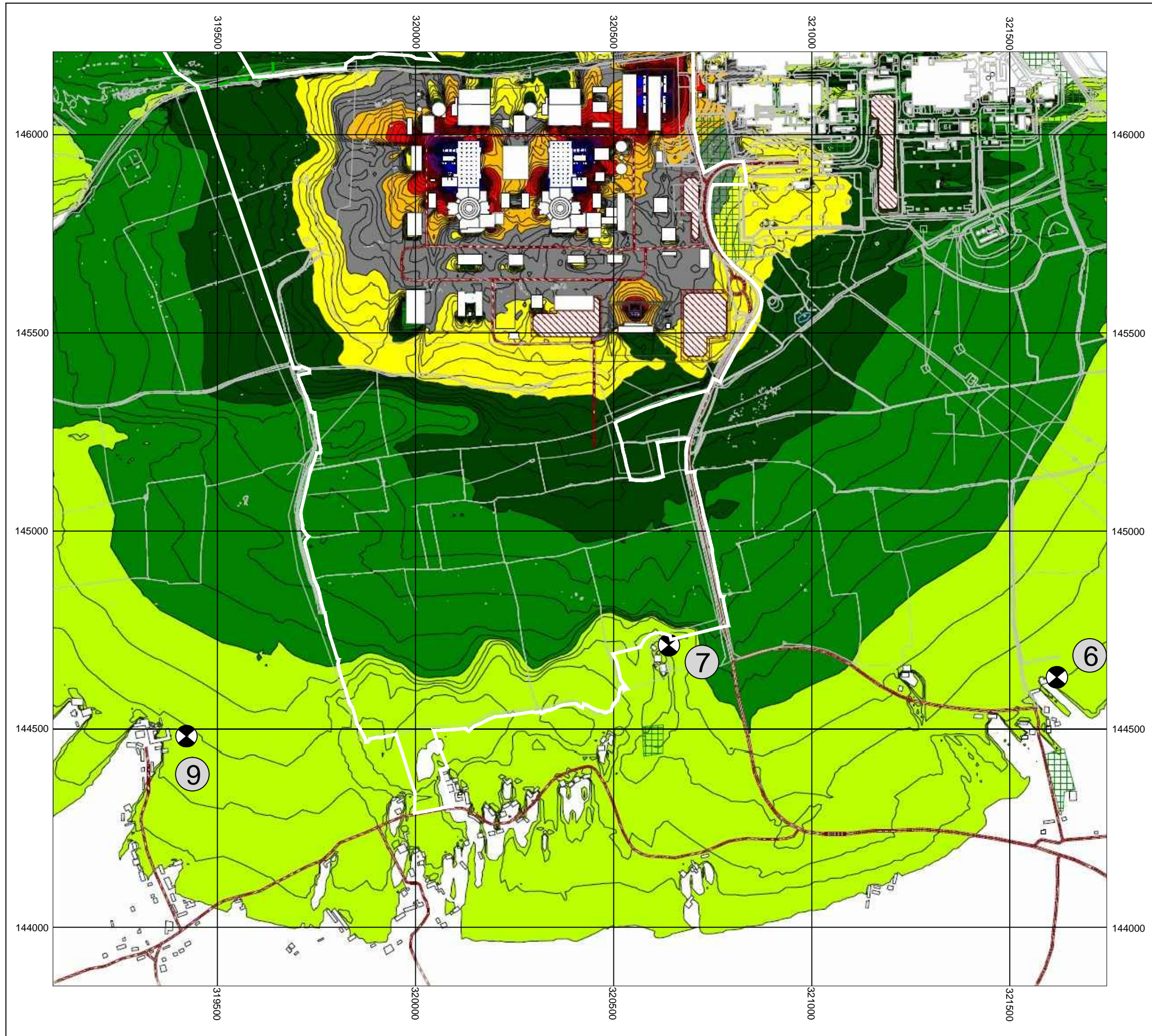
DOCUMENT:
HINKLEY POINT C PROJECT ENVIRONMENTAL STATEMENT VOLUME 2 CHAPTER 11

FIGURE TITLE:
CONSTRUCTION NOISE CONTOURS - AT 4M ABOVE GROUND LEVEL (SCENARIO E)



FIGURE NO: **FIGURE 11.7** REVISION: **01**

DATE: **SEPT 2011** DRAWN: **C.Y** SCALE: **1:10,000@A3**

















KEY

-  HINKLEY POINT C DEVELOPMENT SITE BOUNDARY
-  TEMPORARY JETTY SEAWARD HARBOUR LIMITS

RECEPTOR LOCATIONS

- 6 WICK FARM (RESIDENTIAL)
- 7 DOGGETTS (RESIDENTIAL)
- 9 KNIGHTON FARM (RESIDENTIAL)

dB LAeq,T

	> 30.0 dB
	> 35.0 dB
	> 40.0 dB
	> 45.0 dB
	> 50.0 dB
	> 55.0 dB
	> 60.0 dB
	> 65.0 dB
	> 70.0 dB
	> 75.0 dB
	> 80.0 dB
	> 85.0 dB



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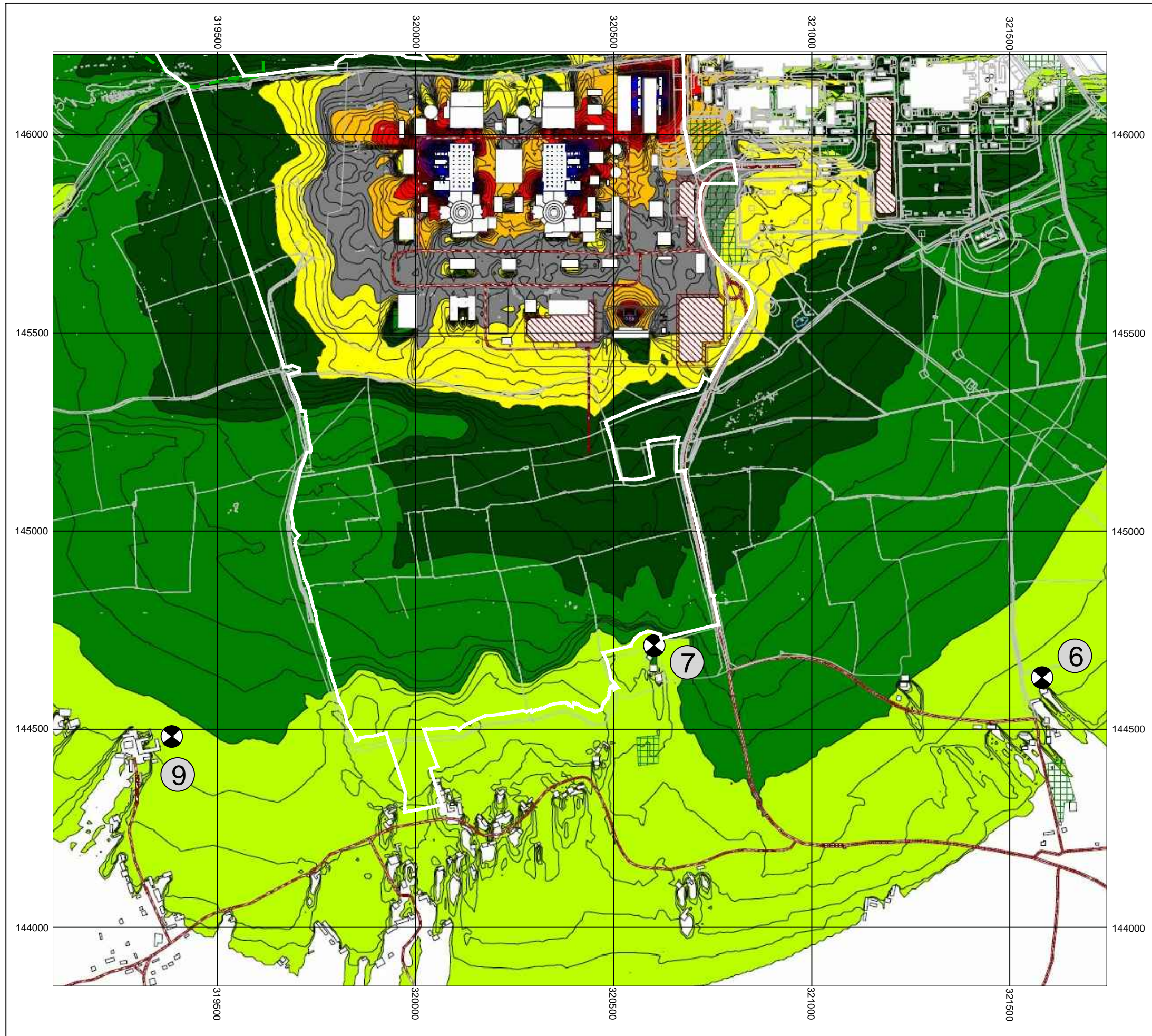
DOCUMENT:
HINKLEY POINT C PROJECT ENVIRONMENTAL STATEMENT VOLUME 2 CHAPTER 11

FIGURE TITLE:
NOISE CONTOURS (TWO OPERATIONAL UK EPR'S)- AT 4M ABOVE GROUND LEVEL UNDER NEUTRAL WIND CONDITIONS



FIGURE NO: **FIGURE 11.8** REVISION: **01**

DATE: **SEPT 2011** DRAWN: **C.Y** SCALE: **1:10,000@A3**





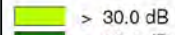

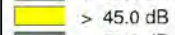



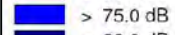

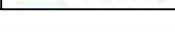



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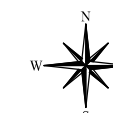
-  HINKLEY POINT C DEVELOPMENT SITE BOUNDARY
-  TEMPORARY JETTY SEAWARD HARBOUR LIMITS

RECEPTOR LOCATIONS

- 6 WICK FARM (RESIDENTIAL)
- 7 DOGGETTS (RESIDENTIAL)
- 9 KNIGHTON FARM (RESIDENTIAL)

dB LAeq,T

-  > 30.0 dB
-  > 35.0 dB
-  > 40.0 dB
-  > 45.0 dB
-  > 50.0 dB
-  > 55.0 dB
-  > 60.0 dB
-  > 65.0 dB
-  > 70.0 dB
-  > 75.0 dB
-  > 80.0 dB
-  > 85.0 dB



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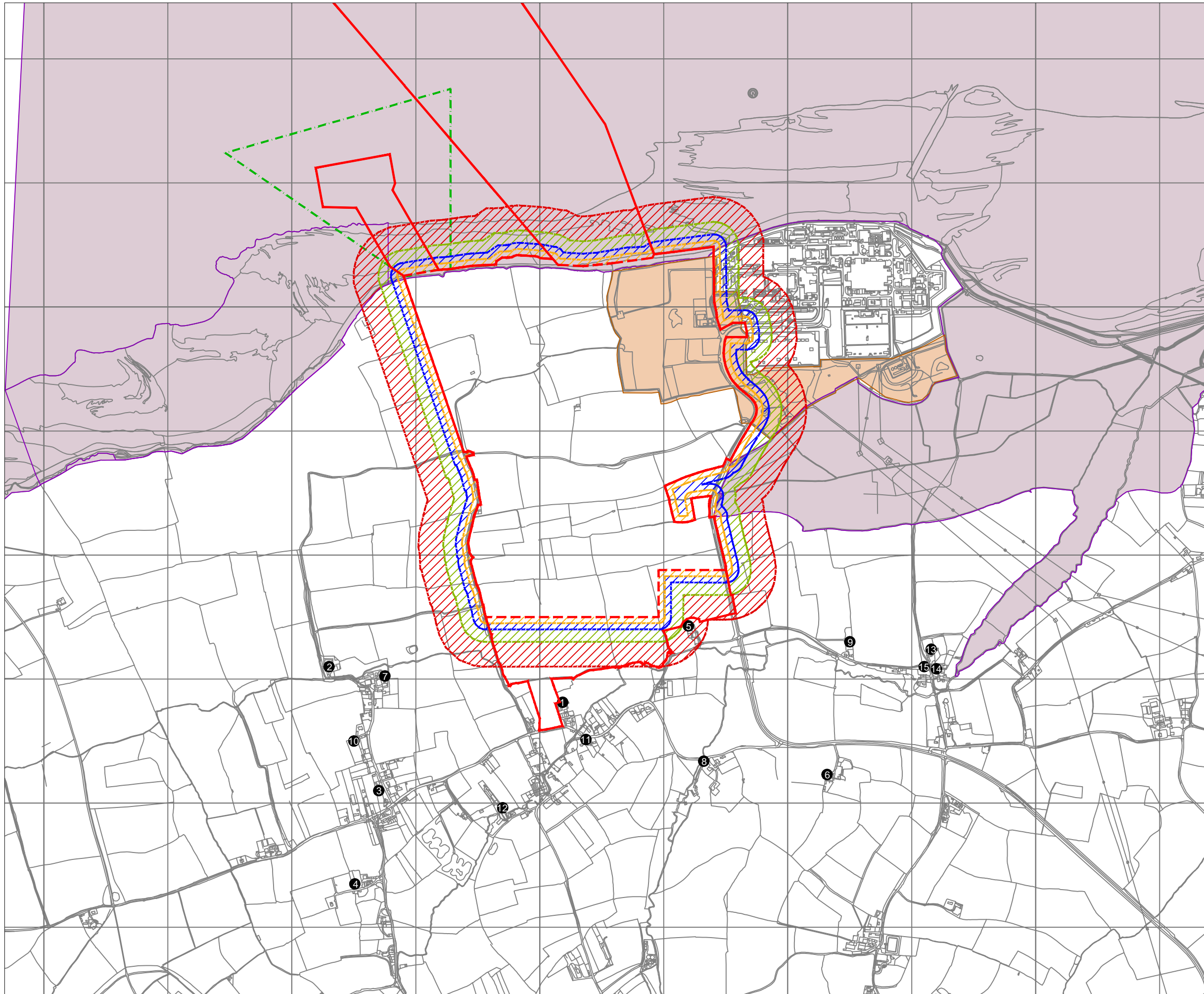
DOCUMENT:
HINKLEY POINT C PROJECT ENVIRONMENTAL STATEMENT VOLUME 2 CHAPTER 11

FIGURE TITLE:
NOISE CONTOURS (TWO OPERATIONAL UK EPR'S) - AT 4M ABOVE GROUND LEVEL UNDER AVERAGE WIND CONDITIONS

FIGURE NO.: **FIGURE 11.9** REVISION: **01**

DATE: **SEPT 2011** DRAWN: **C.Y** SCALE: **1:10,000@A3**





KEY

- HINKLEY POINT C DEVELOPMENT SITE BOUNDARY
- SCENARIOS A AND C ASSESSMENT AREA BOUNDARY
- TEMPORARY JETTY SEAWARD HARBOUR LIMITS
- AREA WITHIN 25 METRES OF SITE BOUNDARY
- AREA WITHIN 50 METRES OF SITE BOUNDARY
- AREA WITHIN 100 METRES OF SITE BOUNDARY
- AREA WITHIN 200 METRES OF SITE BOUNDARY
- ECOLOGICAL SITES (INCLUDING SPA, RAMSAR, SSSI, SAC, NNR)
- HINKLEY COUNTY WILDLIFE SITE
- HUMAN RECEPTOR

RECEPTOR LOCATIONS

- 1 BISHOPS FARM HOUSE
- 2 BULLEN FARM
- 3 BURTON VILLAGE
- 4 COLE POOL
- 5 DOGGETTS
- 6 GUNTER'S GROVE
- 7 KNIGHTON FARM
- 8 NEWNHAM BRIDGE
- 9 POINT WEST OF WICK
- 10 POINT SOUTH OF KNIGHTON
- 11 SHURTON VILLAGE
- 12 WARREN'S FARM
- 13 WICK FARM
- 14 WICK HOUSE FARM
- 15 WICK VILLAGE



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DOCUMENT:

**HINKLEY POINT C PROJECT
ENVIRONMENTAL STATEMENT
VOLUME 2 CHAPTER 12**

FIGURE TITLE:

**STUDY AREA FOR FUGITIVE DUST AND
PARTICULATES ASSESSMENT-SCENARIOS
A AND C**

FIGURE NO:
FIGURE 12.1

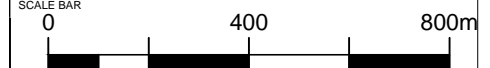
REVISION:
01

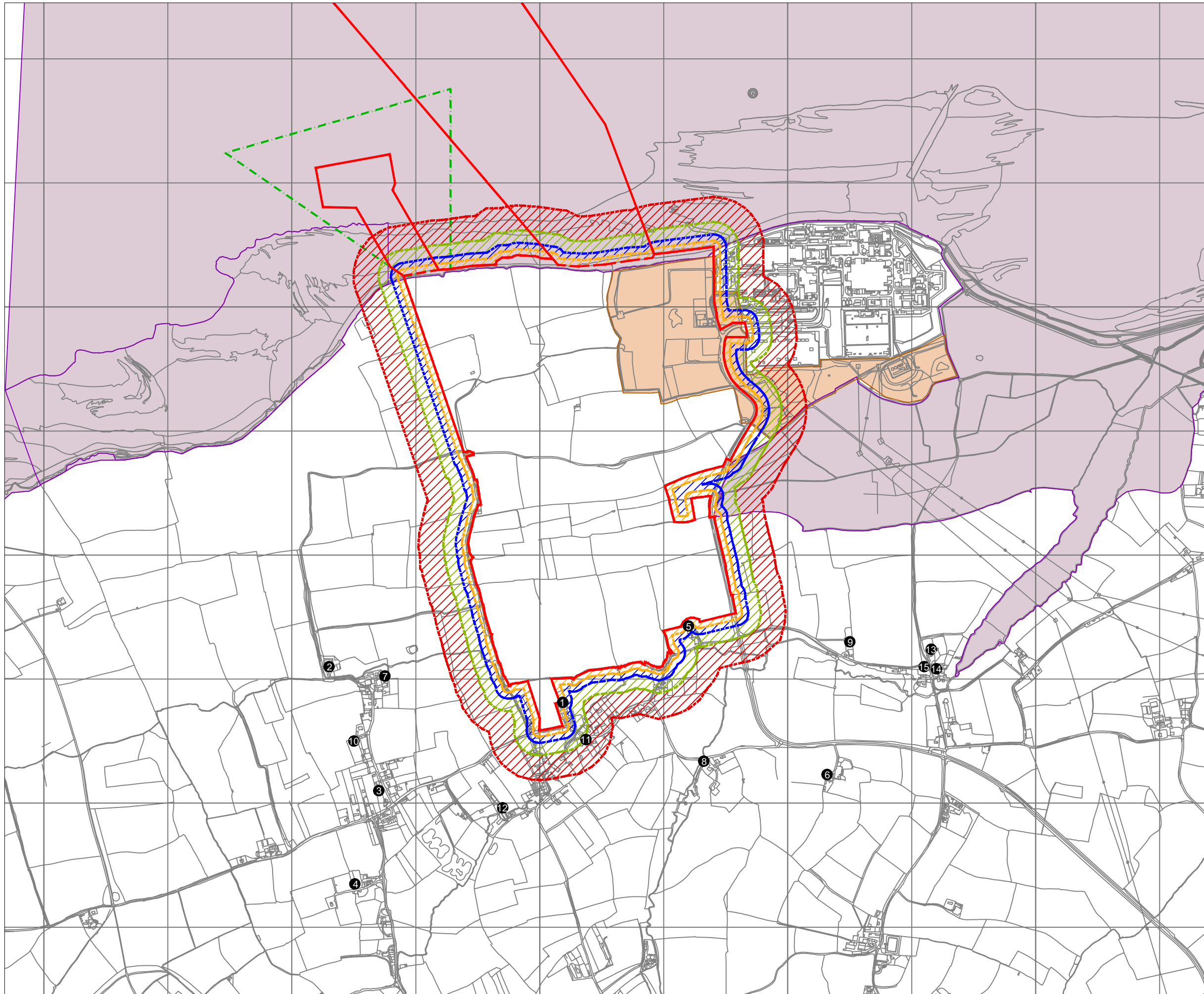
DATE:
SEPT 2011

DRAWN:
T.S











SCALE:
1:15,000@A3

SCALE BAR



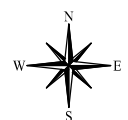


KEY

-  HINKLEY POINT C DEVELOPMENT SITE BOUNDARY
-  SCENARIO B ASSESSMENT AREA BOUNDARY
-  TEMPORARY JETTY SEAWARD HARBOUR LIMITS
-  AREA WITHIN 25 METRES OF SITE BOUNDARY
-  AREA WITHIN 50 METRES OF SITE BOUNDARY
-  AREA WITHIN 100 METRES OF SITE BOUNDARY
-  AREA WITHIN 200 METRES OF SITE BOUNDARY
-  ECOLOGICAL SITES (INCLUDING SPA, RAMSAR, SSSI, SAC, NNR)
-  HINKLEY COUNTY WILDLIFE SITE
-  HUMAN RECEPTOR

RECEPTOR LOCATIONS

- 1 BISHOPS FARM HOUSE
- 2 BULLEN FARM
- 3 BURTON VILLAGE
- 4 COLE POOL
- 5 DOGGETTS
- 6 GUNTER'S GROVE
- 7 KNIGHTON FARM
- 8 NEWNHAM BRIDGE
- 9 POINT WEST OF WICK
- 10 POINT SOUTH OF KNIGHTON
- 11 SHURTON VILLAGE
- 12 WARREN'S FARM
- 13 WICK FARM
- 14 WICK HOUSE FARM
- 15 WICK VILLAGE



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DOCUMENT:

**HINKLEY POINT C PROJECT
ENVIRONMENTAL STATEMENT
VOLUME 2 CHAPTER 12**

FIGURE TITLE:

**STUDY AREA FOR FUGITIVE DUST AND
PARTICULATES ASSESSMENT - SCENARIO B**

FIGURE NO:
FIGURE 12.2

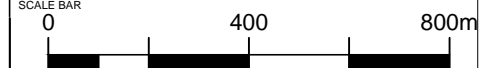
REVISION:
01

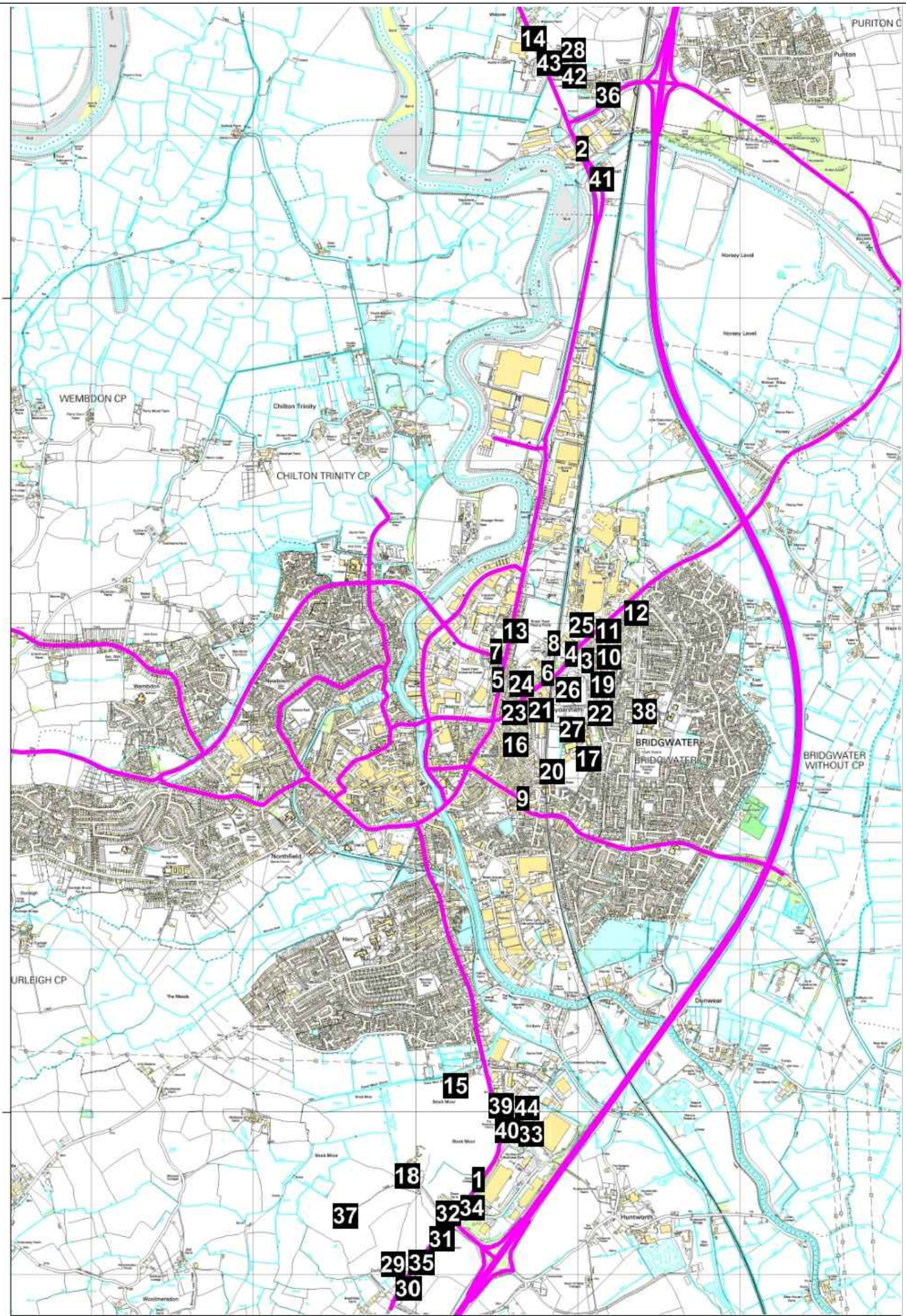
DATE:
SEPT 2011

DRAWN:
T.S

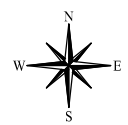
SCALE:
1:15,000@A3

SCALE BAR





- KEY**
- ROAD SOURCES
 - X HUMAN RECEPTOR
- RECEPTOR LOCATIONS**
- 1 1 DAWS FARM COTTAGES
 - 2 10 BRISTOL ROAD
 - 3 100C BATH ROAD
 - 4 104 BATH ROAD
 - 5 128 UNION STREET
 - 6 131 LOWER BATH ROAD
 - 7 131 THE DROVE
 - 8 135 BATH ROAD
 - 9 141 ST. JOHN STREET
 - 10 144 BATH ROAD
 - 11 150 FREDERICK ROAD
 - 12 170 BATH ROAD
 - 13 196 BRISTOL ROAD
 - 14 2 WALPOLE COTTAGE BRISTOL ROAD
 - 15 28 LIMOUSIN WAY
 - 16 3 CORNBOROUGH PLACE
 - 17 4 ELIZABETH WAY
 - 18 46 SANDALWOOD RIDE
 - 19 62A FAIRFAX ROAD
 - 20 64 CLARKS ROAD
 - 21 69 BATH ROAD
 - 22 74 FAIRFAX ROAD
 - 23 78 BATH ROAD
 - 24 86 BATH ROAD
 - 25 BATH ROAD NEWS 167 BATH ROAD
 - 26 BRIDGWATER & ALBION RUGBY FOOTBALL CLUB
 - 27 BRIDGWATER COLLEGE
 - 28 CHESTNUT HOUSE, DOWNEND ROAD
 - 29 COMPASS HOUSE, TAUNTON ROAD (BACK)
 - 30 COMPASS HOUSE, TAUNTON ROAD
 - 31 COMPASS INN, TAUNTON ROAD
 - 32 DAWS FARM, TAUNTON ROAD
 - 33 DWELLING AT CORNER OF MARSH LANE
 - 34 MOTO HOSPITALITY SERVICES
 - 35 QUANTOCK VIEW HOUSE, TAUNTON ROAD
 - 36 RIVERVIEW, DOWNEND CRESCENT
 - 37 SITE OF FUTURE HOUSING DEVELOPMENT
 - 38 SOMERSET SKILLS & LEARNING PARKWAY
 - 39 THE BRAINWAVE CENTRE
 - 40 THE BRAINWAVE CENTRE (ACCOMMODATION BLOCK)
 - 41 THE OLD POST HOUSE, BRISTOL ROAD
 - 42 THE WOODLANDS, DOWNEND ROAD
 - 43 TREE TOPS, BRISTOL ROAD
 - 44 UNIQUE HEALTH AND FITNESS



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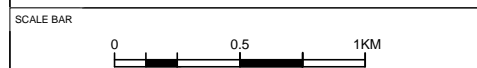


DOCUMENT:
HINKLEY POINT C PROJECT ENVIRONMENTAL STATEMENT VOLUME 2 CHAPTER 12

FIGURE TITLE:
STUDY AREA FOR VEHICULAR EXHAUST EMISSIONS ASSESSMENT - BRIDGWATER ADMS ROADS MODEL

FIGURE NO: **FIGURE 12.3** REVISION: **01**

DATE: **SEPT 2011** DRAWN: **T.S** SCALE: **1:30,000@A3**



145000

140000

320000

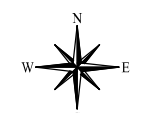
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KEY

- HINKLEY POINT C DEVELOPMENT SITE BOUNDARY
- HINKLEY COUNTY WILDLIFE SITE
- STATUTORY ECOLOGICAL SITES (INCLUDING SPA, RAMSAR, SSSI, SAC, NNR)
- TEMPORARY JETTY SEAWARD HARBOUR LIMITS
- CENTRE LINE OF PROPOSED CANNINGTON BYPASS
- ROAD SOURCES
- X HUMAN RECEPTOR

RECEPTOR LOCATIONS

- 1 PARK LANE
- 2 15 OAK TREE WAY
- 3 15 WITHIEL DRIVE
- 4 17 FORE STREET
- 5 17 MILL CLOSE
- 6 22 WITHIEL DRIVE
- 7 24 RIVERSIDE
- 8 3 LONSDALE ROAD
- 9 32 BROWNINGS ROAD
- 10 41 HIGH STREET
- 11 44 RODWAY
- 12 45 HIGH STREET
- 13 45 MAIN ROAD
- 14 5 BELVEDERE CLOSE
- 15 6 DAME WITHYCOMBE VILLAS
- 16 7 FORE STREET
- 17 71 ESTUARY PARK
- 18 BOLHAM FARM
- 19 BRIDGEWATER COLLEGE
- 20 BRYMORE LODGE
- 21 BRYMORE LODGE (EXTERNAL BUILDINGS)
- 22 BRYMORE SECONDARY TECHNICAL SCHOOL
- 23 CANNINGTON PRIMARY SCHOOL, MAIN ROAD
- 24 CLAYLAND CORNER BUNGALOW
- 25 CLAYLANDS CORNER
- 26 COURT COTTAGE, FORE STREET
- 27 DAME WITHYCOMBE COTTAGE
- 28 DOGGETTS
- 29 GRANGE LODGE
- 30 GUNTERS GROVE
- 31 HENSFIELD FARM, CHAD'S HILL
- 32 HILL FARM HOUSE
- 33 HPC ACCOMMODATION 1
- 34 HPC ACCOMMODATION 2
- 35 HPC ACCOMMODATION 3
- 36 HPC ACCOMMODATION 4
- 37 JUST WALL COTTAGE
- 38 KILN CLOSE
- 39 KNAPP FARM, CHAD'S HILL
- 40 LOWER HOUSE FARM
- 41 NEWHAM FARM
- 42 PAVILION 58 M RODWAY
- 43 PUTNELL BARN
- 44 PUTNELL FARM
- 45 PUTNELL FARM (REAR OF PROPERTY)
- 46 ROTHAY, HIGH STREET
- 47 RYDALE HOUSE
- 48 THE LODGE
- 49 WICK COTTAGE
- 50 WICK POUND COTTAGE
- 51 WITHIEL FARM, WITHIEL DRIVE
- 52 MAIN ECO RECEPTOR 1A, 1B AND 1C
- 53 MAIN ECO RECEPTOR 2A, 2B AND 2C
- 54 MAIN ECO RECEPTOR 3A, 3B AND 3C
- 55 COMB ECO RECEPTOR 1A, 1B AND 1C
- 56 COMB ECO RECEPTOR 2A, 2B AND 2C



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DOCUMENT:

**HINKLEY POINT C PROJECT
ENVIRONMENTAL STATEMENT
VOLUME 2 CHAPTER 12**

FIGURE TITLE:

SITE LOCATION, RECEPTORS AND ROAD SOURCES

FIGURE NO:
FIGURE 12.4

REVISION:
01

DATE:
SEPT 2011



DRAWN:
C.Y

SCALE:
1:40,000@A3

SCALE BAR

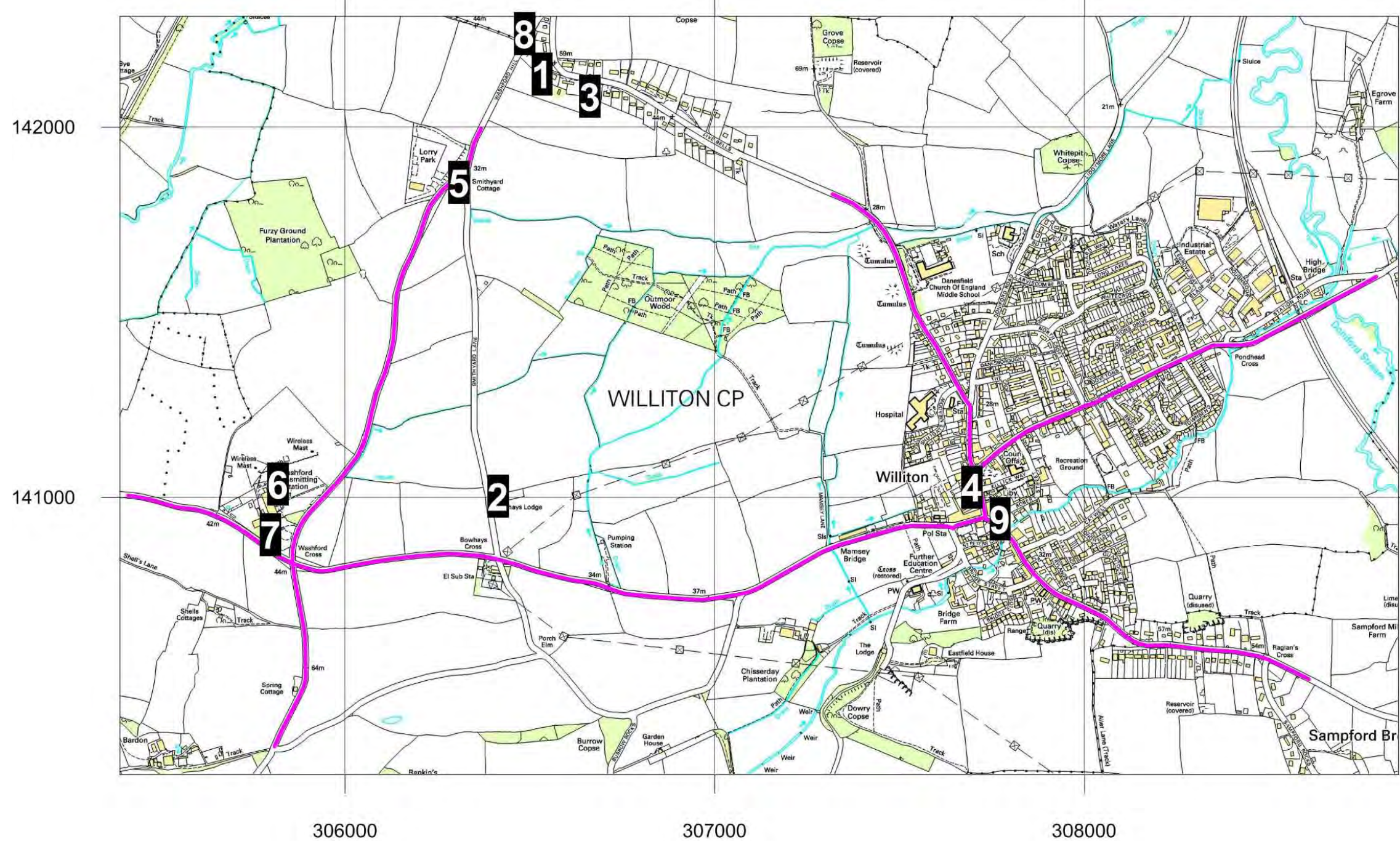


KEY

-  ROAD SOURCES
-  HUMAN RECEPTOR

RECEPTOR LOCATIONS

- 1 39 FIVE BELLS
- 2 BOHAYS LODGE, SMITHYARD LANE
- 3 KAFUE, 33 FIVE BELLS
- 4 POST OFFICE
- 5 SMITHYARD COTTAGE
- 6 TROPIQUARIA ZOO (BACK)
- 7 TROPIQUARIA ZOO (FRONT)
- 8 WASHFORD HILL
- 9 WILLITON COUNTY STORES



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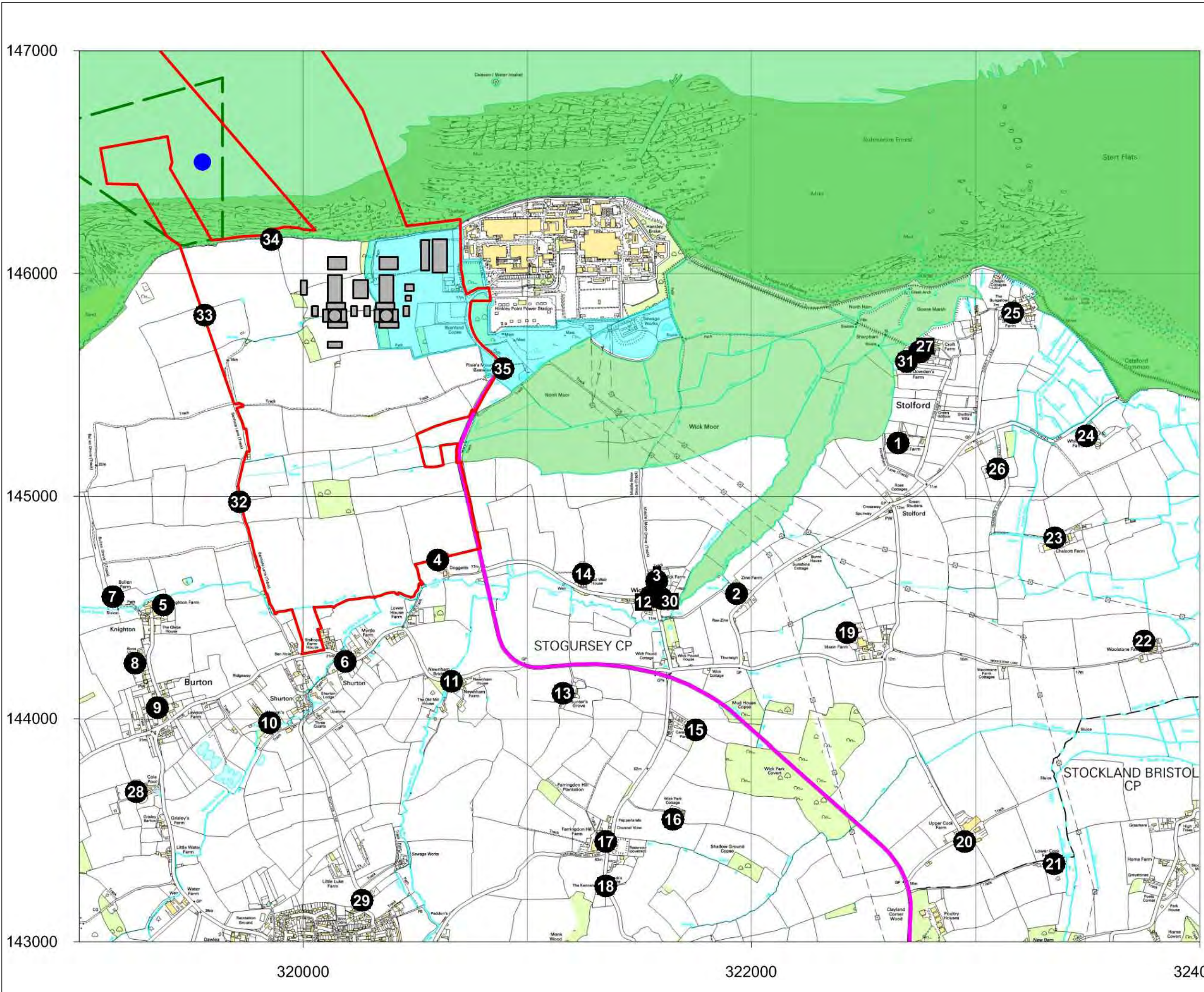
DOCUMENT:
**HINKLEY POINT C PROJECT
 ENVIRONMENTAL STATEMENT
 VOLUME 2 CHAPTER 12**

FIGURE TITLE:
**STUDY AREA FOR VEHICULAR EXHAUST
 EMISSIONS ASSESSMENT - WILLITON ADMS
 ROADS MODEL**

FIGURE NO: **FIGURE 12.5** REVISION: **01**

DATE: **SEPT 2011** DRAWN: **T.S** SCALE: **1:12,500@A3**





- KEY**
- HINKLEY POINT C DEVELOPMENT SITE BOUNDARY
 - TEMPORARY JETTY SEAWARD HARBOUR LIMITS
 - HINKLEY COUNTY WILDLIFE SITE
 - STATUTORY ECOLOGICAL SITES (INCLUDING SPA, RAMSAR, SSSI, SAC, NNR)
 - HPC BUILDINGS INCLUDED IN ADMS MODEL
 - ROAD SOURCES
 - ASSUMED LOCATION OF MARINE VESSEL EMISSIONS
 - ⊗ HUMAN RECEPTOR

- RECEPTOR LOCATIONS**
- 1 TRIGHERN FARM
 - 2 ZIFE FARM
 - 3 WICK FARM
 - 4 DOGGETTS
 - 5 KNIGHTON FARM
 - 6 SHURTON VILLAGE
 - 7 BULLEN FARM
 - 8 POINT SOUTH OF KNIGHTON
 - 9 BURTON VILLAGE
 - 10 WARREN'S FARM
 - 11 NEWNHAM BRIDGE
 - 12 WICK VILLAGE
 - 13 GUNTER'S GROVE
 - 14 POINT WEST OF WICK
 - 15 CARAVAN PARK
 - 16 WICK PARK COTTAGE
 - 17 FARRINGTON HILL FARM
 - 18 KENNELS SOUTH FARRINGTON
 - 19 IDSON FARM
 - 20 UPPER COCK FARM
 - 21 LOWER COCK FARM
 - 22 WOOLSTONE FARM
 - 23 CHALCOTT FARM
 - 24 WHITEWICK FARM
 - 25 STOLFORD FARM
 - 26 BROWNS COTTAGE
 - 27 LITTLE DOWDENS FARM
 - 28 COLE POOL
 - 29 STOGURSEY
 - 30 WICK HOUSE FARM
 - 31 WEST END COTTAGE
 - 32 FOOTPATH - BENHOLE LANE SOUTH
 - 33 FOOTPATH - BENHOLE LANE NORTH
 - 34 FOOTPATH - COASTAL
 - 35 PIXIES MOUND



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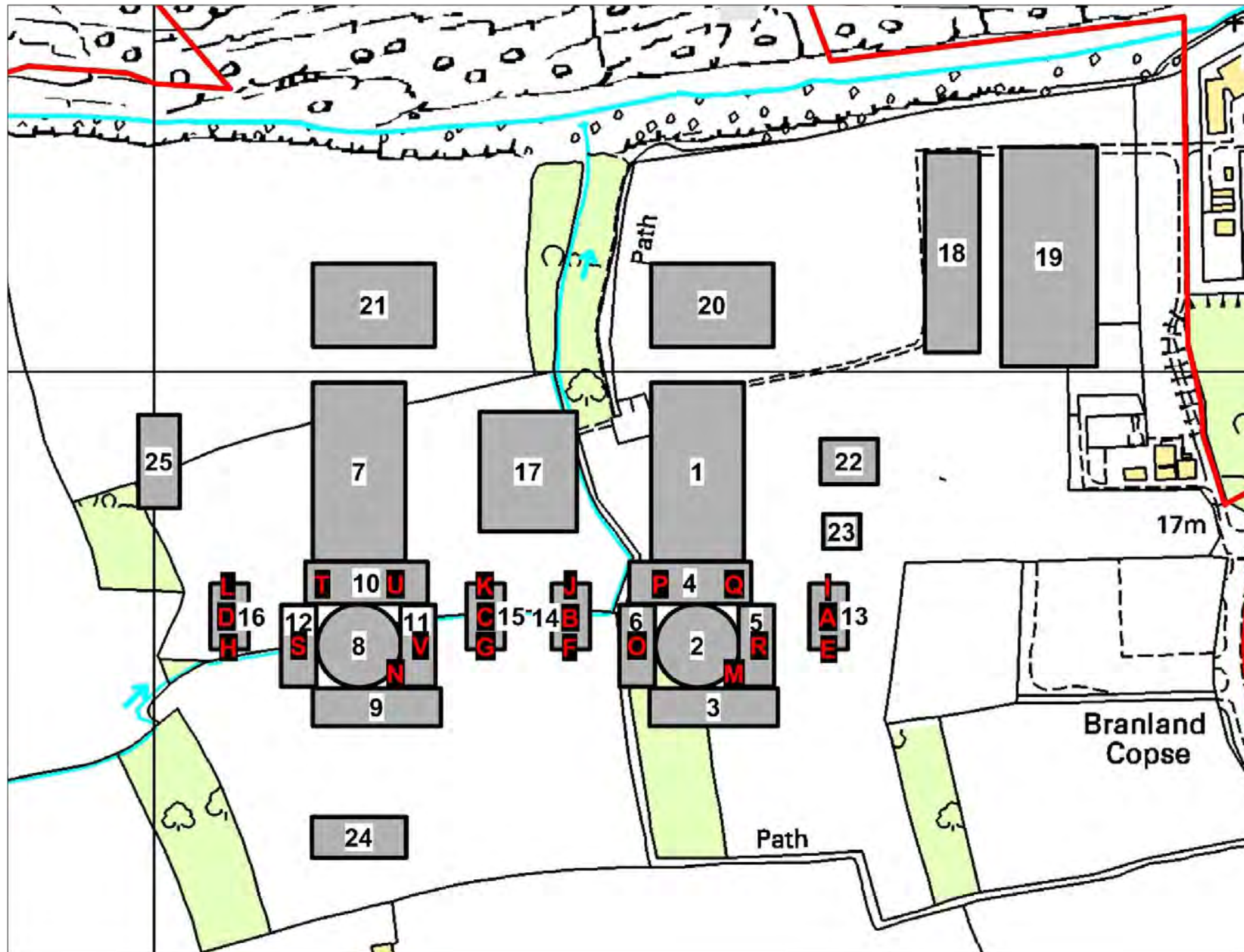
DOCUMENT:
HINKLEY POINT C PROJECT ENVIRONMENTAL STATEMENT VOLUME 2 CHAPTER 12

FIGURE TITLE:
STUDY AREA FOR ASSESSMENTS OF MARINE VESSEL EXHAUST AND HPC OPERATIONAL COMMISSIONING EMISSIONS

FIGURE NO: **FIGURE 12.6** REVISION: **01**

DATE: **OCT 2011** DRAWN: **C.Y** SCALE: **1:20,000@A3**



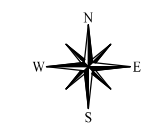


KEY

- HINKLEY POINT C DEVELOPMENT SITE BOUNDARY
- HPC BUILDINGS INCLUDED IN ADMS MODEL
- BUILDINGS
- X STACKS

- BUILDINGS**
- 1 C1 TURBINE HALL
 - 2 C1 REACTOR BUILDING
 - 3 C1 FUEL BUILDING/NUCLEAR AUX BUILDING
 - 4 C1 SAFEGUARD ELECTRICITY BUILDINGS 2-3/ACCESS BUILDING
 - 5 C1 SAFEGUARD ELECTRICITY BUILDING 4
 - 6 C1 SAFEGUARD ELECTRICITY BUILDING 1
 - 7 C2 TURBINE HALL
 - 8 C2 REACTOR BUILDING
 - 9 C2 FUEL BUILDING/NUCLEAR AUX BUILDING
 - 10 C2 SAFEGUARD ELECTRICITY BUILDINGS 2-3/ACCESS BUILDING
 - 11 C2 SAFEGUARD ELECTRICITY BUILDING 4
 - 12 C2 SAFEGUARD ELECTRICITY BUILDING 1
 - 13 EMERGENCY DIESEL BUILDING C2A
 - 14 EMERGENCY DIESEL BUILDING C2A
 - 15 EMERGENCY DIESEL BUILDING C1A
 - 16 EMERGENCY DIESEL BUILDING C2B
 - 17 OPERATIONAL SERVICE CENTRE
 - 18 INTERMEDIATE LEVEL WASTE INTERIM STORAGE FACILITY (ILWISF)
 - 19 INTERIM SPENT FUEL STORE (ISFS)
 - 20 C1 COOLING WATER PUMPHOUSE
 - 21 C2 COOLING WATER PUMPHOUSE
 - 22 DEMINERALISATION/DESALINATION STATION
 - 23 AUXILIARY BOILERS
 - 24 CONTAMINATED TOOLS STORE 1
 - 25 CONTAMINATED TOOLS STORE 2

- STACKS**
- A EDG_2_C1B
 - B EDG_2_C2A
 - C EDG_2_C1A
 - D EDG_2_C2B
 - E EDG_1_C1B
 - F EDG_1_C2A
 - G EDG_1_C1A
 - H EDG_1_C2B
 - I SBO_C1B
 - J SBO_C2A
 - K SBO_C1A
 - L SBO_C2B
 - M C1 MAIN
 - N C2 MAIN
 - O NH3_C1A
 - P NH3_C1B
 - Q NH3_C1C
 - R NH3_C1D
 - S NH3_C2A
 - T NH3_C2B
 - U NH3_C2C
 - V NH3_C2D



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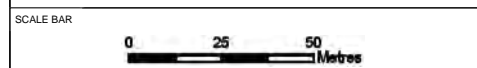


DOCUMENT:
HINKLEY POINT C PROJECT ENVIRONMENTAL STATEMENT VOLUME 2 CHAPTER 12

FIGURE TITLE:
BUILDING CONFIGURATION AND EMISSIONS SOURCES INCLUDED WITHIN HPC OPERATIONAL/COMMISSIONING ADMS MODELLING

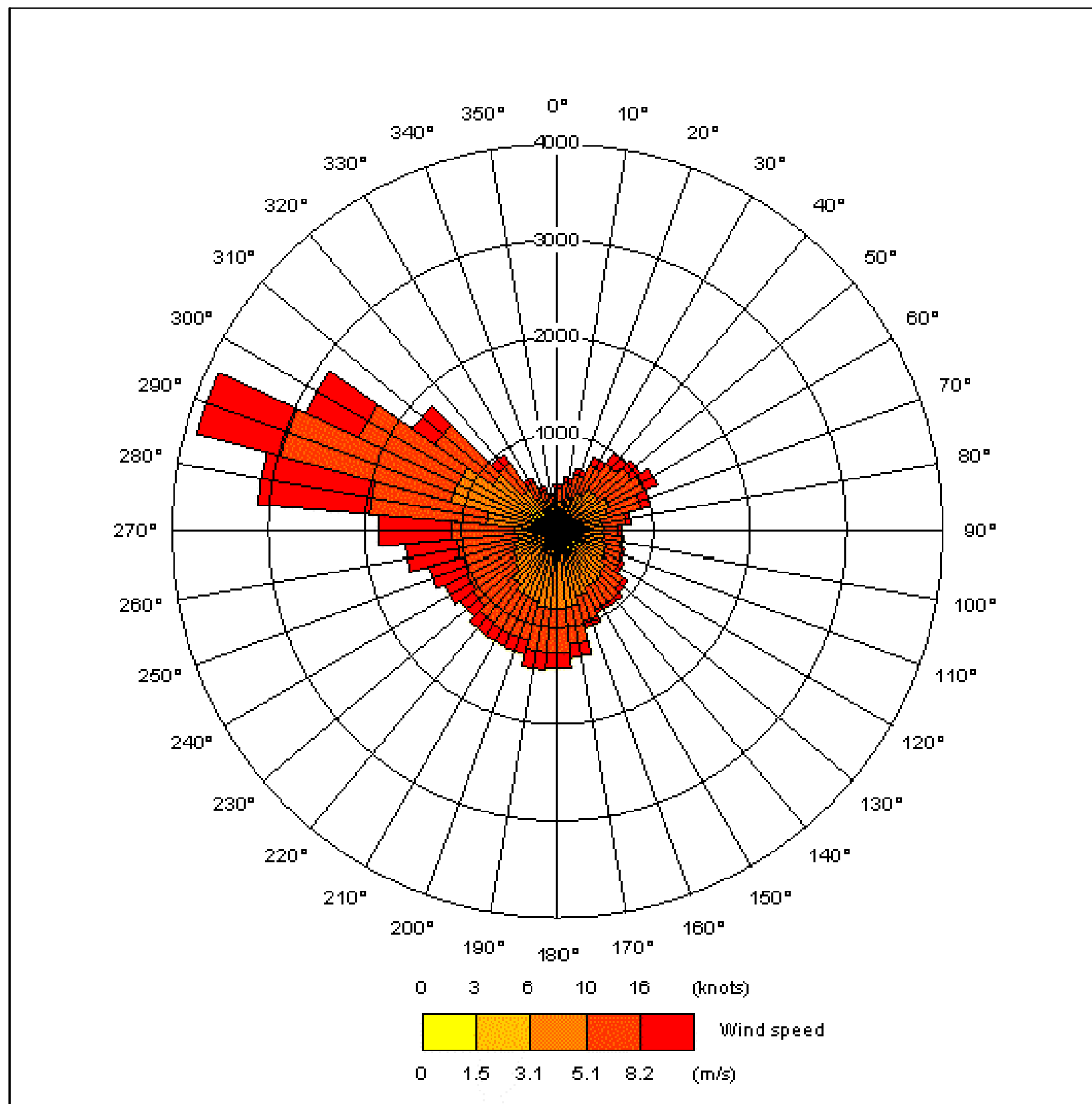
FIGURE NO: **FIGURE 12.7** REVISION: **01**

DATE: **OCT 2011** DRAWN: **C.Y** SCALE: **1:1,700@A3**



KEY

SEE KEY WITHIN FIGURE



DOCUMENT:
HINKLEY POINT C PROJECT
ENVIRONMENTAL STATEMENT
VOLUME 2 CHAPTER 12

FIGURE TITLE:
WIND ROSE FOR HINKLEY POINT
(2005-2009)

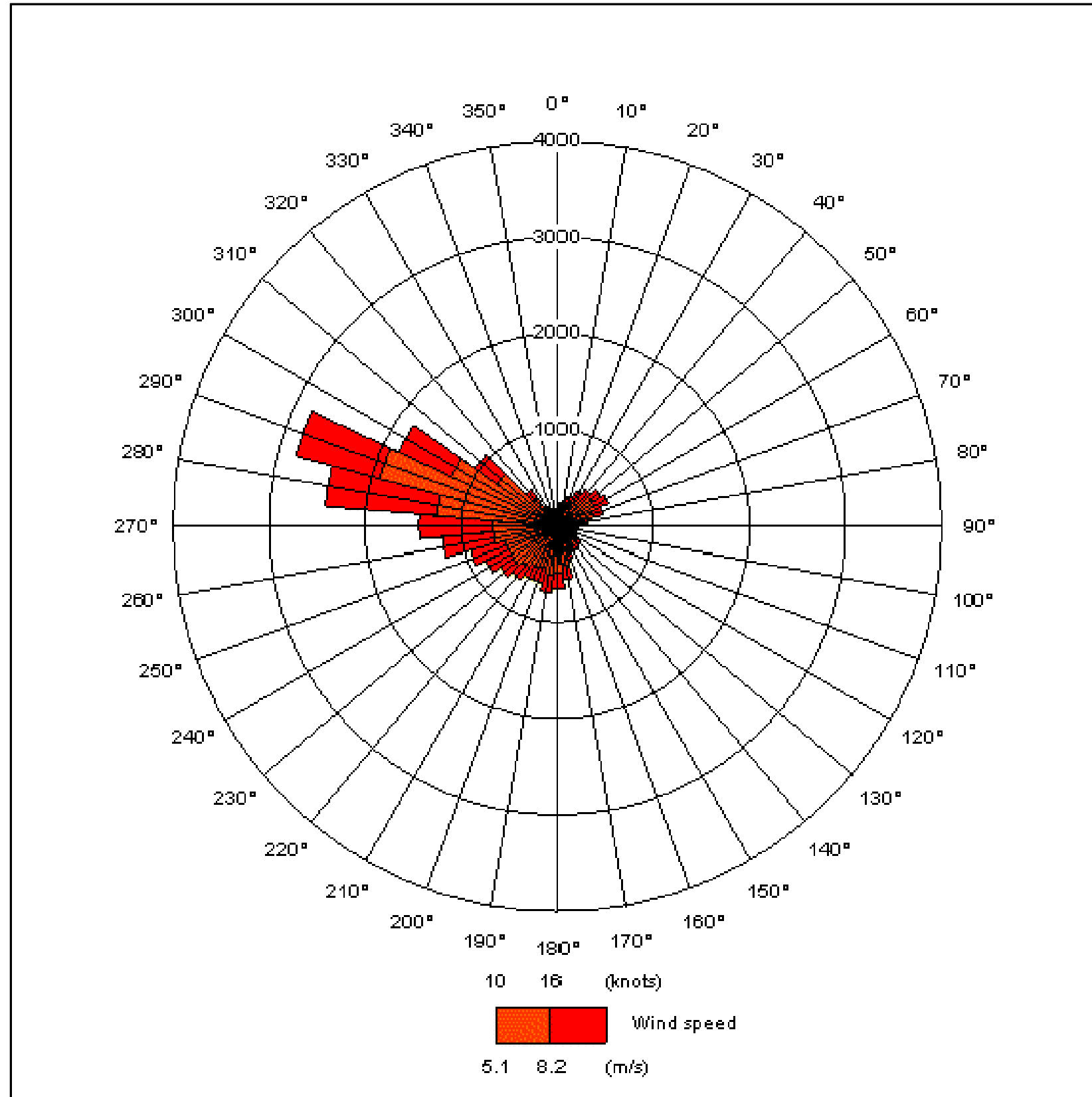
FIGURE NO: **FIGURE 12.8** REVISION: **01**

DATE: **SEPT 2011** DRAWN: **C.Y** SCALE: **N/A**

SCALE BAR

KEY

SEE KEY WITHIN FIGURE



DOCUMENT:

HINKLEY POINT C PROJECT
ENVIRONMENTAL STATEMENT
VOLUME 2 CHAPTER 12

FIGURE TITLE:

WIND ROSE OF MODERATE TO STRONG
WINDS (>5m/s) AT HINKLEY POINT
(2005-2009)

FIGURE NO:

FIGURE 12.9

REVISION:

01

DATE:

SEPT 2011

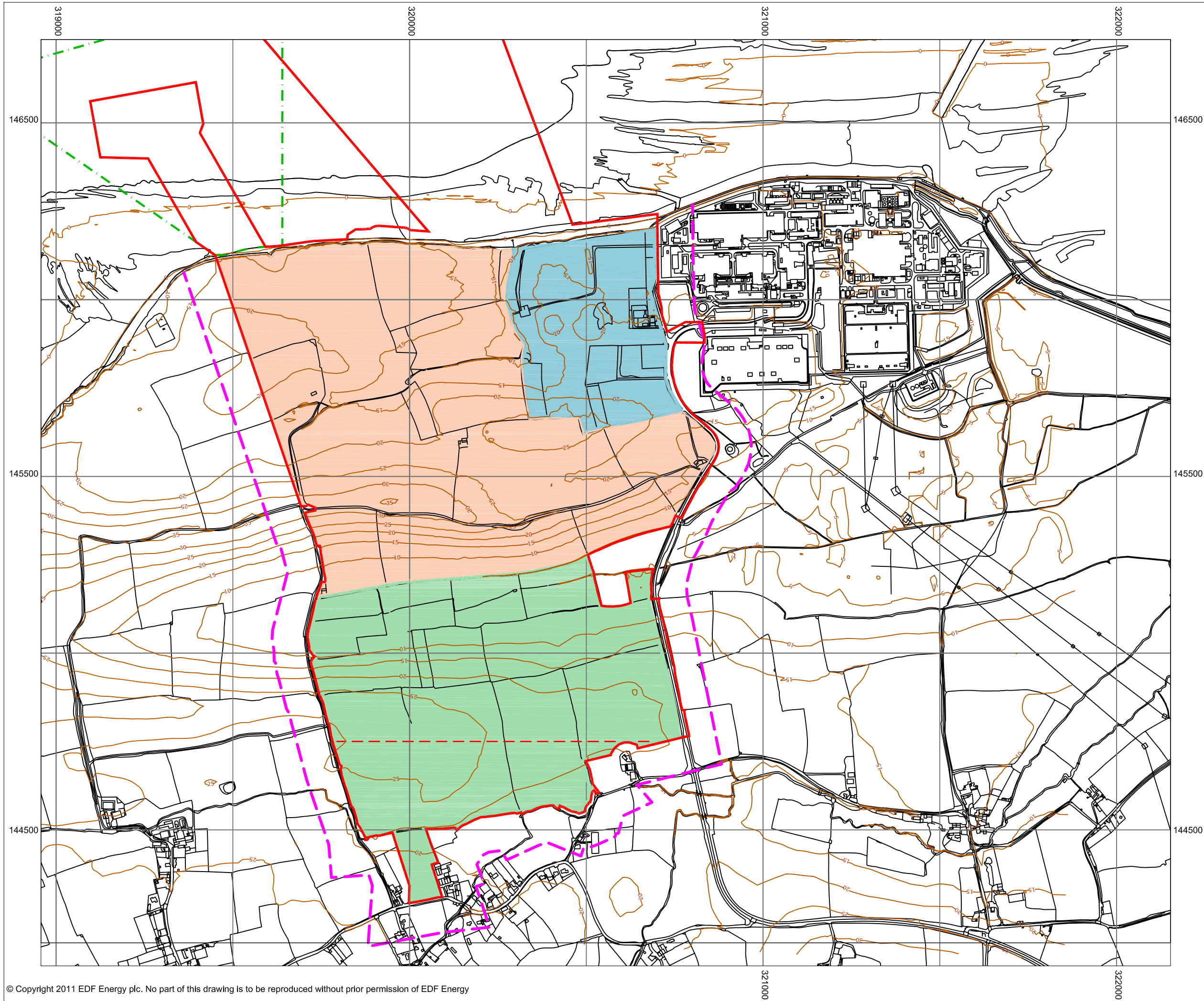
DRAWN:

C.Y

SCALE:

N/A

SCALE BAR



KEY

- HINKLEY POINT C DEVELOPMENT SITE BOUNDARY
- TEMPORARY JETTY SEAWARD HARBOUR LIMITS
- EXTENT OF STUDY AREA
- SOUTHERN EXTENT OF MAIN CONSTRUCTION WORKS
- BUILT DEVELOPMENT AREA WEST
- SOUTHERN CONSTRUCTION PHASE AREA
- BUILT DEVELOPMENT AREA EAST
- TOPOGRAPHIC CONTOUR (mAD)



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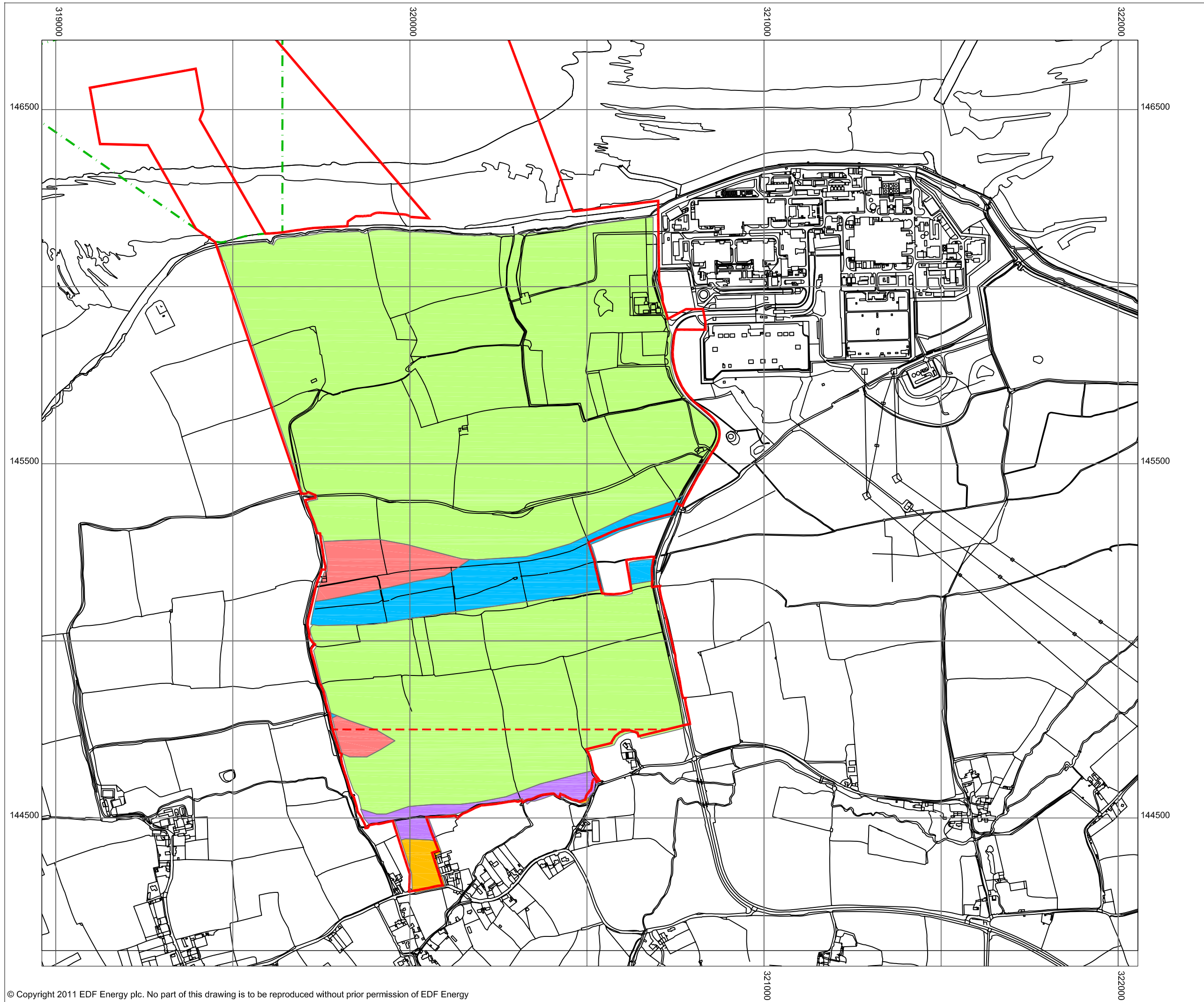


DOCUMENT:
HINKLEY POINT C PROJECT ENVIRONMENTAL STATEMENT VOLUME 2 CHAPTER 13




FIGURE TITLE:
STUDY AREA

FIGURE NO: FIGURE 13.1	REVISION: 01
DATE: SEPT 2011	DRAWN: C.Y
SCALE: 1:10,000@A3	



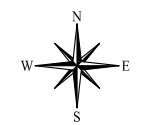


KEY

-  HINKLEY POINT C DEVELOPMENT SITE BOUNDARY
-  TEMPORARY JETTY SEAWARD HARBOUR LIMITS
-  SOUTHERN EXTENT OF MAIN CONSTRUCTION WORKS

SOIL TYPES

-  GLEYED BROWN EARTH WORCESTER (Wf)
-  GLEYED CALCAREOUS EVESHAM (Ea)
-  GROUND WATER GLEY BUTLEIGH (Bh)
-  GROUND WATER GLEY COMPTON (Ce)
-  BROWN EARTH HUNTWORTH (Hu)



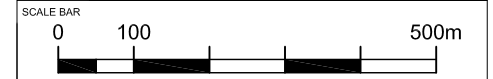
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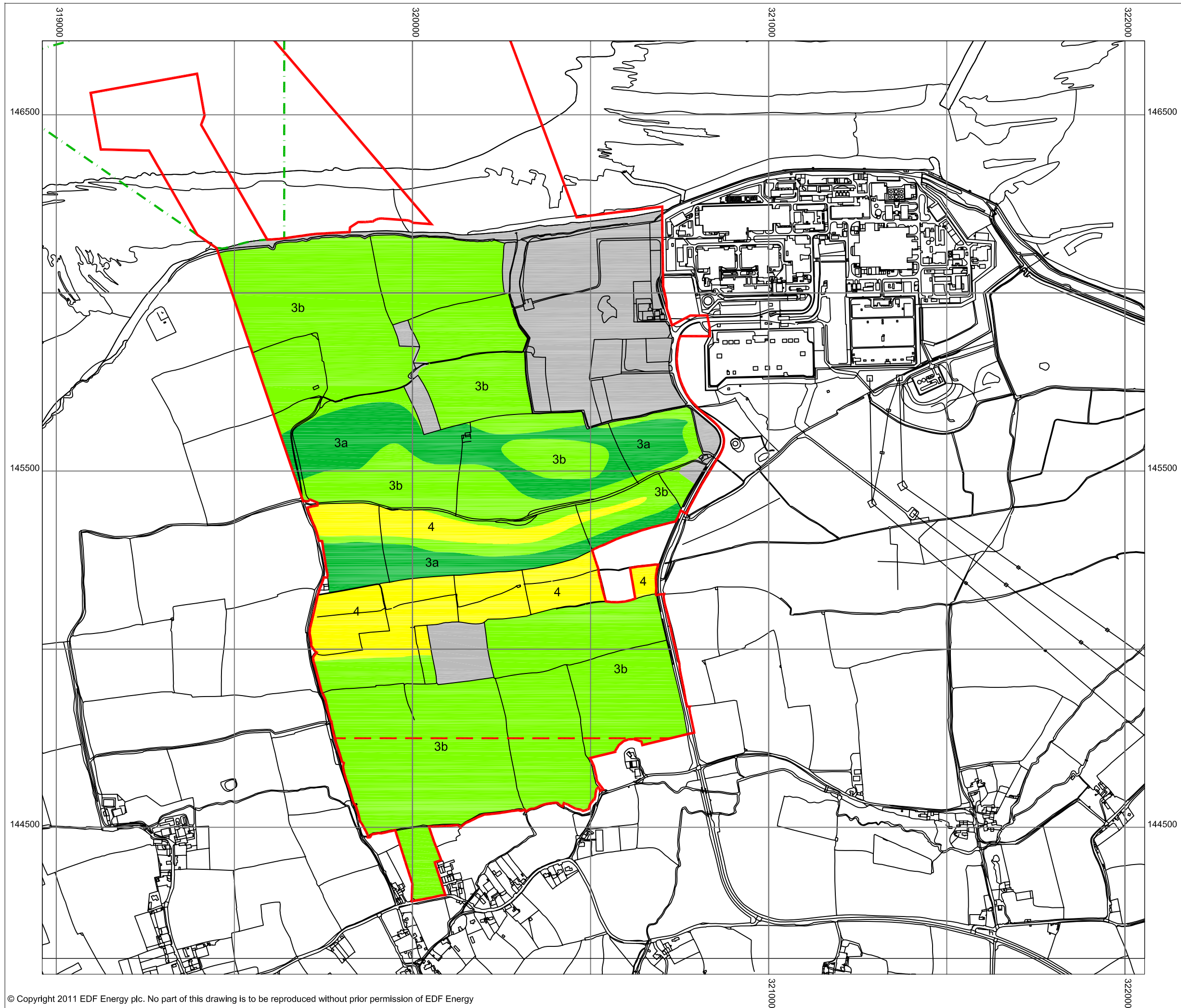


DOCUMENT:
HINKLEY POINT C PROJECT ENVIRONMENTAL STATEMENT VOLUME 2 CHAPTER 13

FIGURE TITLE:
DISTRIBUTION OF SOIL TYPES ACROSS THE DEVELOPMENT SITE

FIGURE NO: FIGURE 13.2	REVISION: 01
DATE: SEPT 2011	DRAWN: C.Y
	SCALE: 1:10,000@A3





KEY

- HINKLEY POINT C DEVELOPMENT SITE BOUNDARY
- SOUTHERN EXTENT OF MAIN CONSTRUCTION WORKS
- TEMPORARY JETTY SEAWARD HARBOUR LIMITS
- ★ GRADE 1 - EXCELLENT QUALITY
- ★ GRADE 2 - VERY GOOD QUALITY
- SUBGRADE 3A - GOOD QUALITY
- SUBGRADE 3B - MODERATE QUALITY
- GRADE 4 - POOR QUALITY
- ★ GRADE 5 - VERY POOR QUALITY
- NON-AGRICULTURAL
- ★ NOT PRESENT



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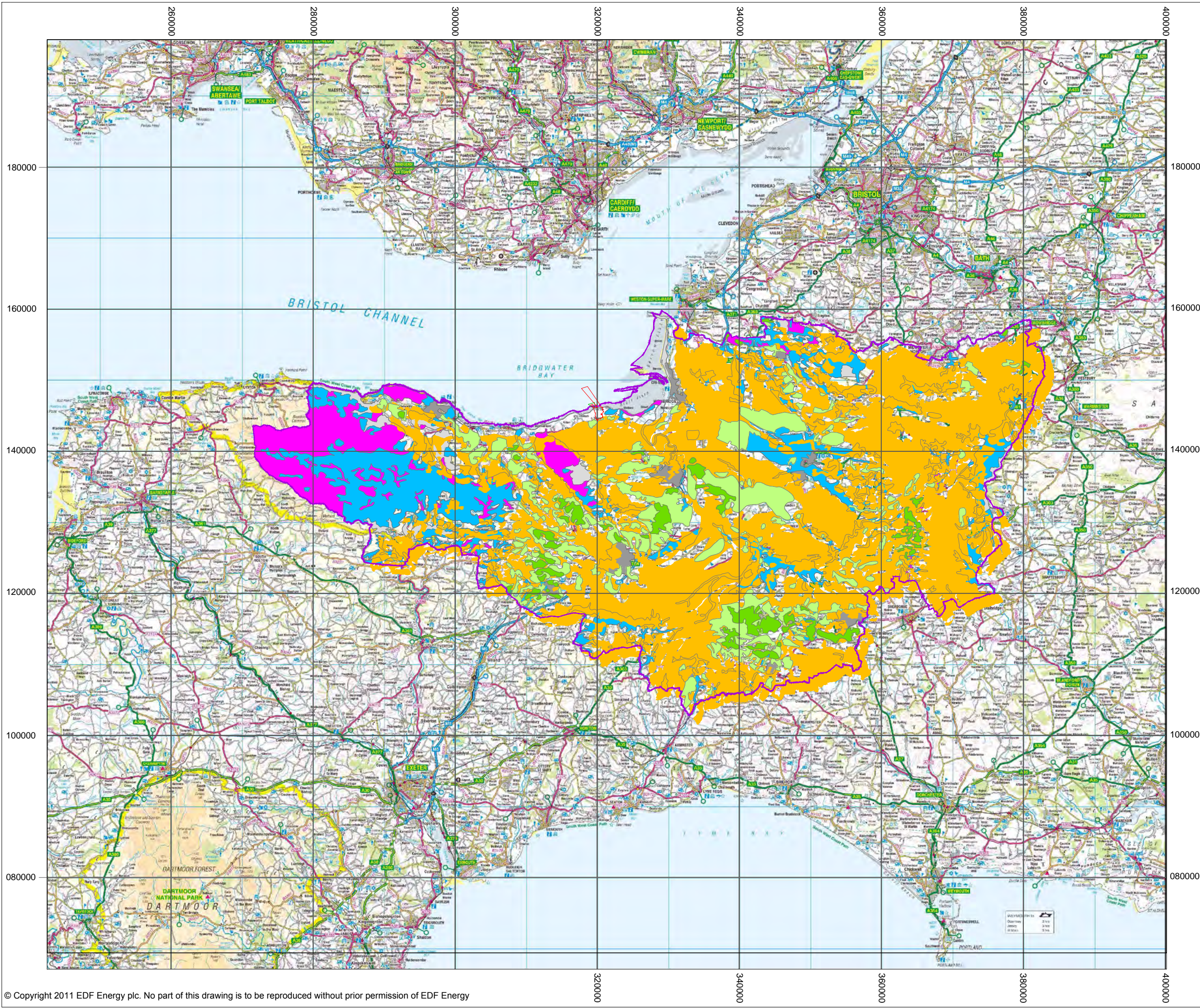
DOCUMENT:
HINKLEY POINT C PROJECT ENVIRONMENTAL STATEMENT VOLUME 2 CHAPTER 13

FIGURE TITLE:
DISTRIBUTION OF ALC GRADES ACROSS THE DEVELOPMENT SITE




FIGURE NO: **FIGURE 13.3** REVISION: **01**

DATE: **SEPT 2011** DRAWN: **C.Y** SCALE: **1:10,000@A3**










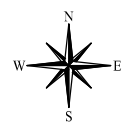


KEY

-  HINKLEY POINT C DEVELOPMENT SITE BOUNDARY
-  TEMPORARY JETTY SEAWARD HARBOUR LIMITS
-  SOMERSET BOUNDARY

AGRICULTURAL LAND CLASSIFICATION GRADE

-  GRADE 1
-  GRADE 2
-  GRADE 3 (UNDIFFERENTIATED)
-  GRADE 4
-  GRADE 5
-  NON AGRICULTURAL
-  URBAN



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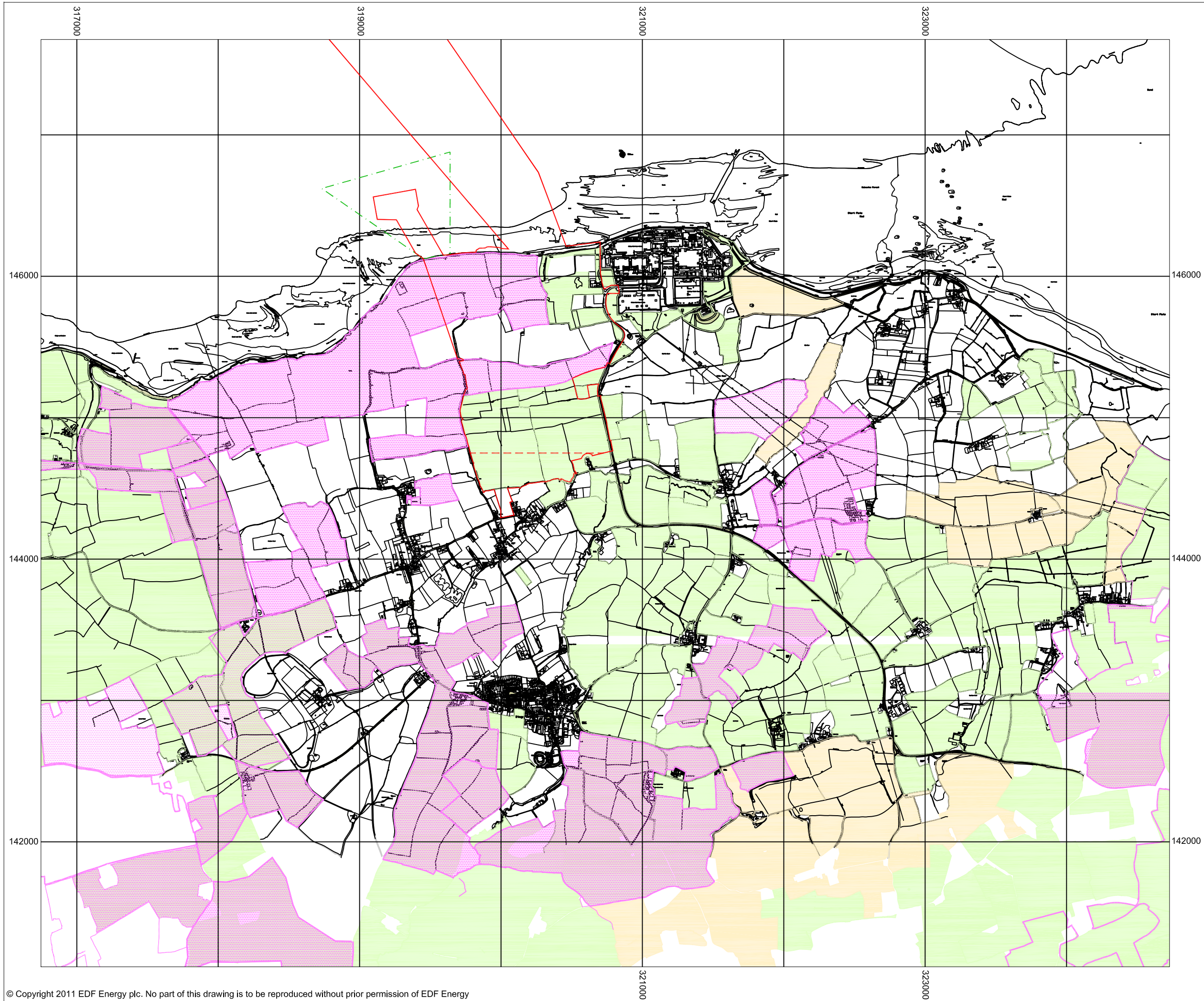


DOCUMENT:
HINKLEY POINT C PROJECT ENVIRONMENTAL STATEMENT VOLUME 2 CHAPTER 13

FIGURE TITLE:
DISTRIBUTION OF ALC GRADES ACROSS SOMERSET

FIGURE NO: **FIGURE 13.4** REVISION: **01**
 DATE: **SEPT 2011** DRAWN: **C.Y** SCALE: **1:500,000@A3**





KEY

- HINKLEY POINT C DEVELOPMENT SITE BOUNDARY
- TEMPORARY JETTY SEAWARD HARBOUR LIMITS
- SOUTHERN EXTENT OF MAIN CONSTRUCTION WORKS
- COUNTRYSIDE STEWARDSHIP AGREEMENTS
- ENTRY LEVEL ENVIRONMENTAL STEWARDSHIP AGREEMENTS
- ENTRY LEVEL PLUS HIGHER LEVEL ENVIRONMENTAL STEWARDSHIP AGREEMENTS



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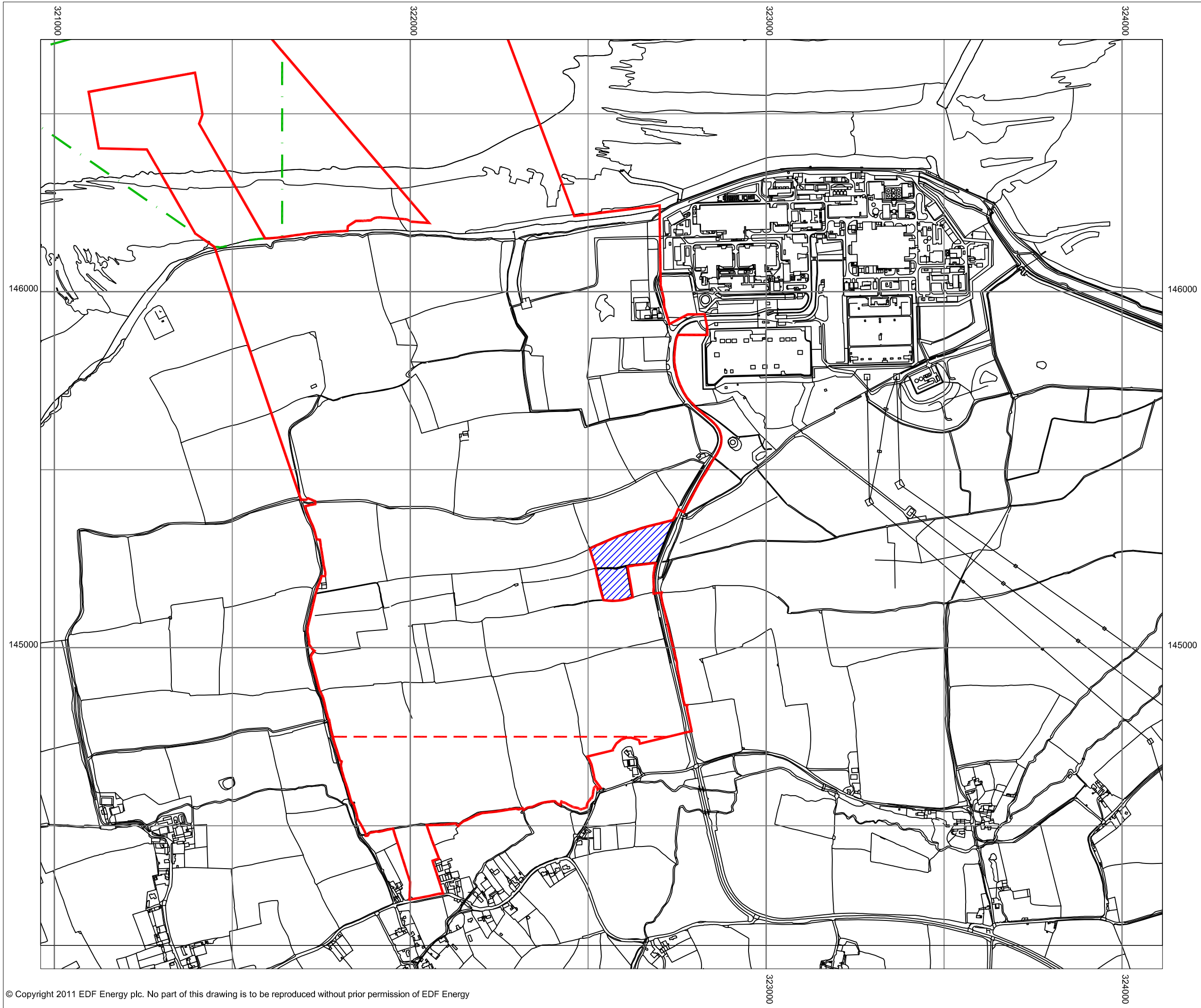


DOCUMENT:
HINKLEY POINT C PROJECT ENVIRONMENTAL STATEMENT VOLUME 2 CHAPTER 13





FIGURE TITLE:
DISTRIBUTION OF AGRI-ENVIRONMENT SCHEMES

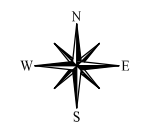
FIGURE NO: **FIGURE 13.5** REVISION: **01**
 DATE: **SEPT 2011** DRAWN: **C.Y** SCALE: **1:25,000@A3**





KEY

-  HINKLEY POINT C DEVELOPMENT SITE BOUNDARY
-  TEMPORARY JETTY SEAWARD HARBOUR LIMITS
-  SOUTHERN EXTENT OF MAIN CONSTRUCTION WORKS
-  COMMON LAND AREA



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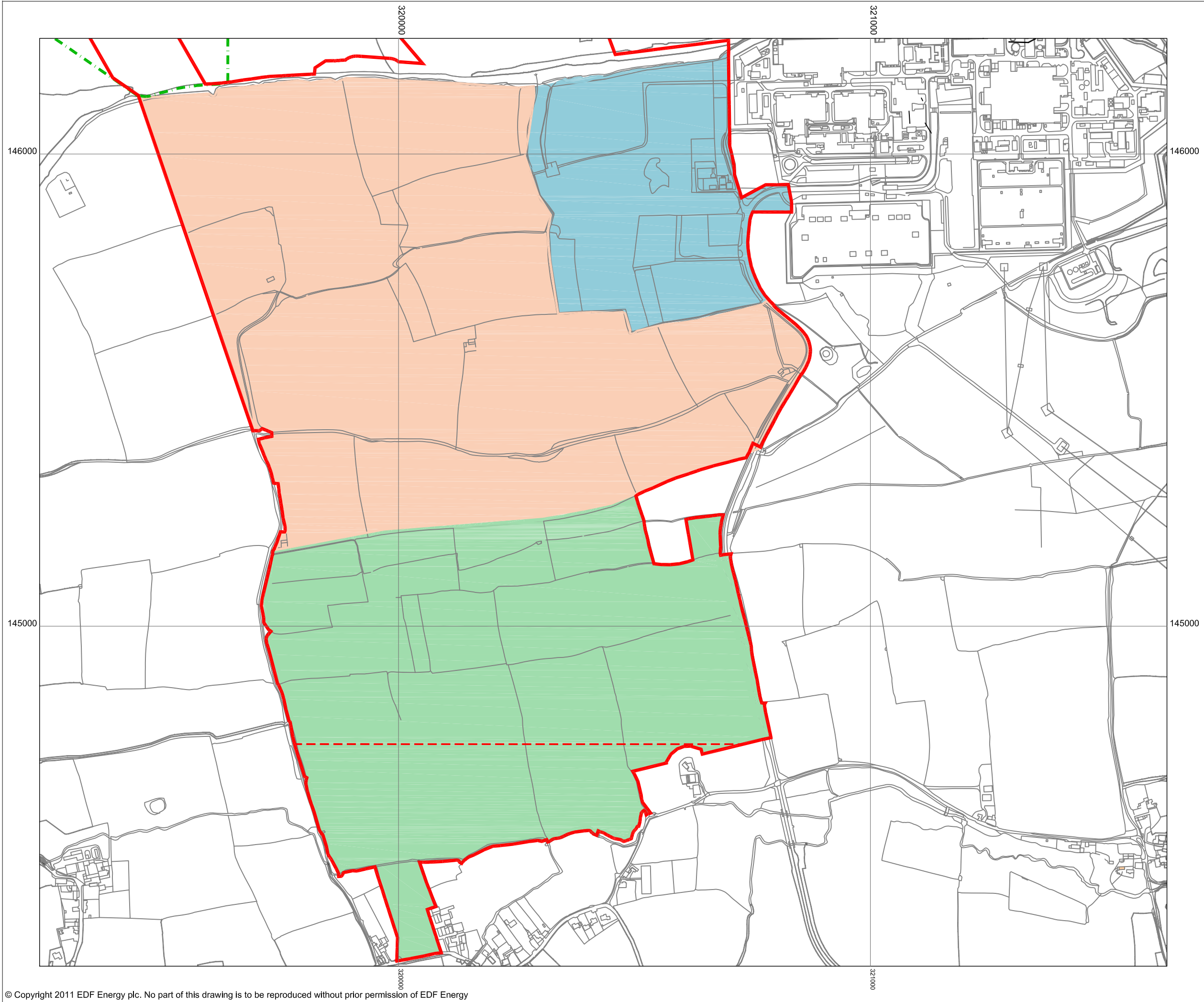
DOCUMENT:
HINKLEY POINT C PROJECT ENVIRONMENTAL STATEMENT VOLUME 2 CHAPTER 13







FIGURE TITLE:
LOCATION OF AREAS OF COMMON LAND

FIGURE NO: **FIGURE 13.6** REVISION: **01**

DATE: **SEPT 2011** DRAWN: **C.Y** SCALE: **1:10,000@A3**





- KEY**
-  HINKLEY POINT C DEVELOPMENT SITE BOUNDARY
 -  TEMPORARY JETTY SEAWARD HARBOUR LIMITS
 -  BUILT DEVELOPMENT AREA WEST
 -  BUILT DEVELOPMENT AREA EAST
 -  SOUTHERN CONSTRUCTION PHASE AREA
 -  SOUTHERN EXTENT OF MAIN CONSTRUCTION WORKS



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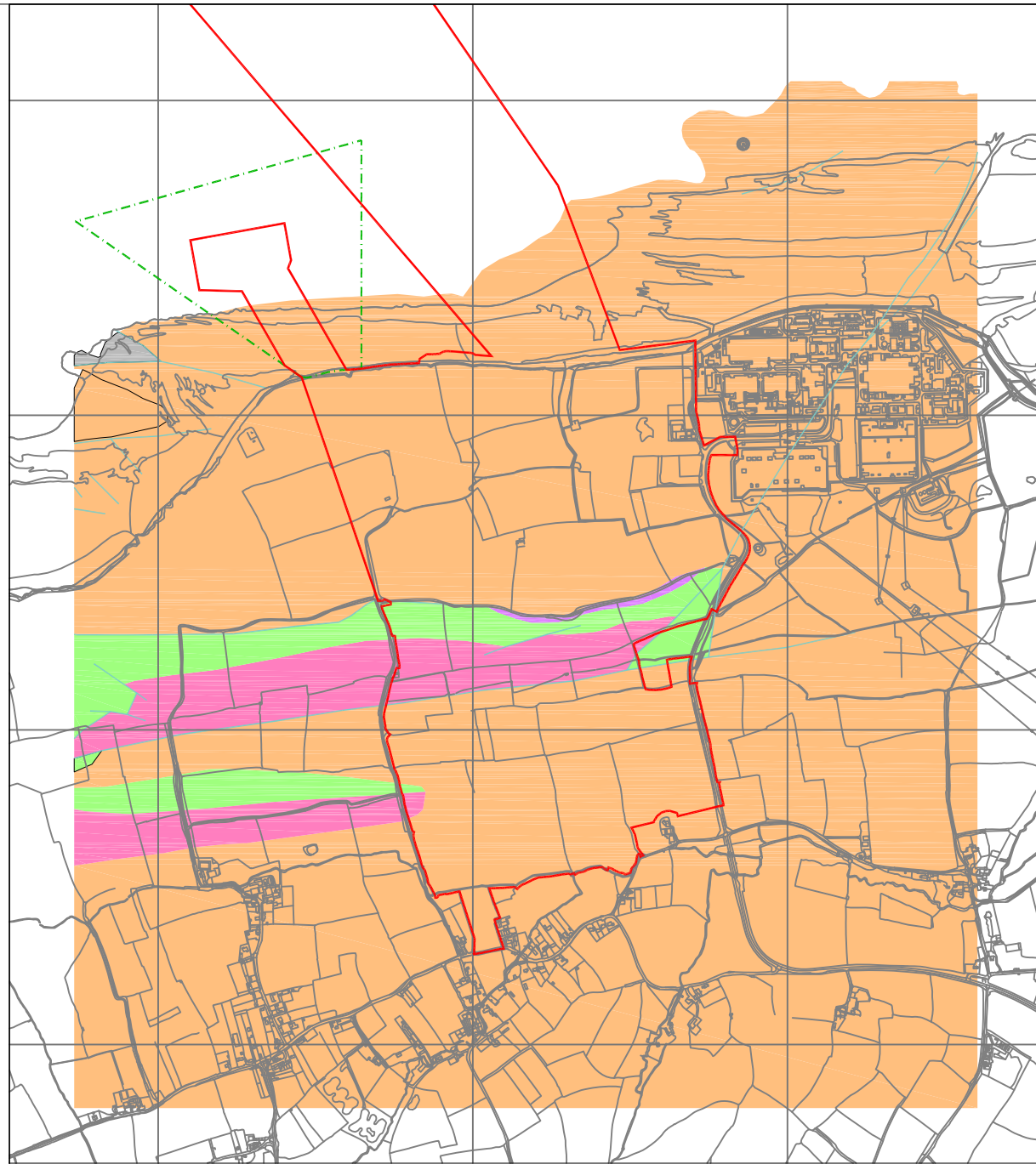


DOCUMENT:
**HINKLEY POINT C PROJECT
 ENVIRONMENTAL STATEMENT
 VOLUME 2 CHAPTER 14**

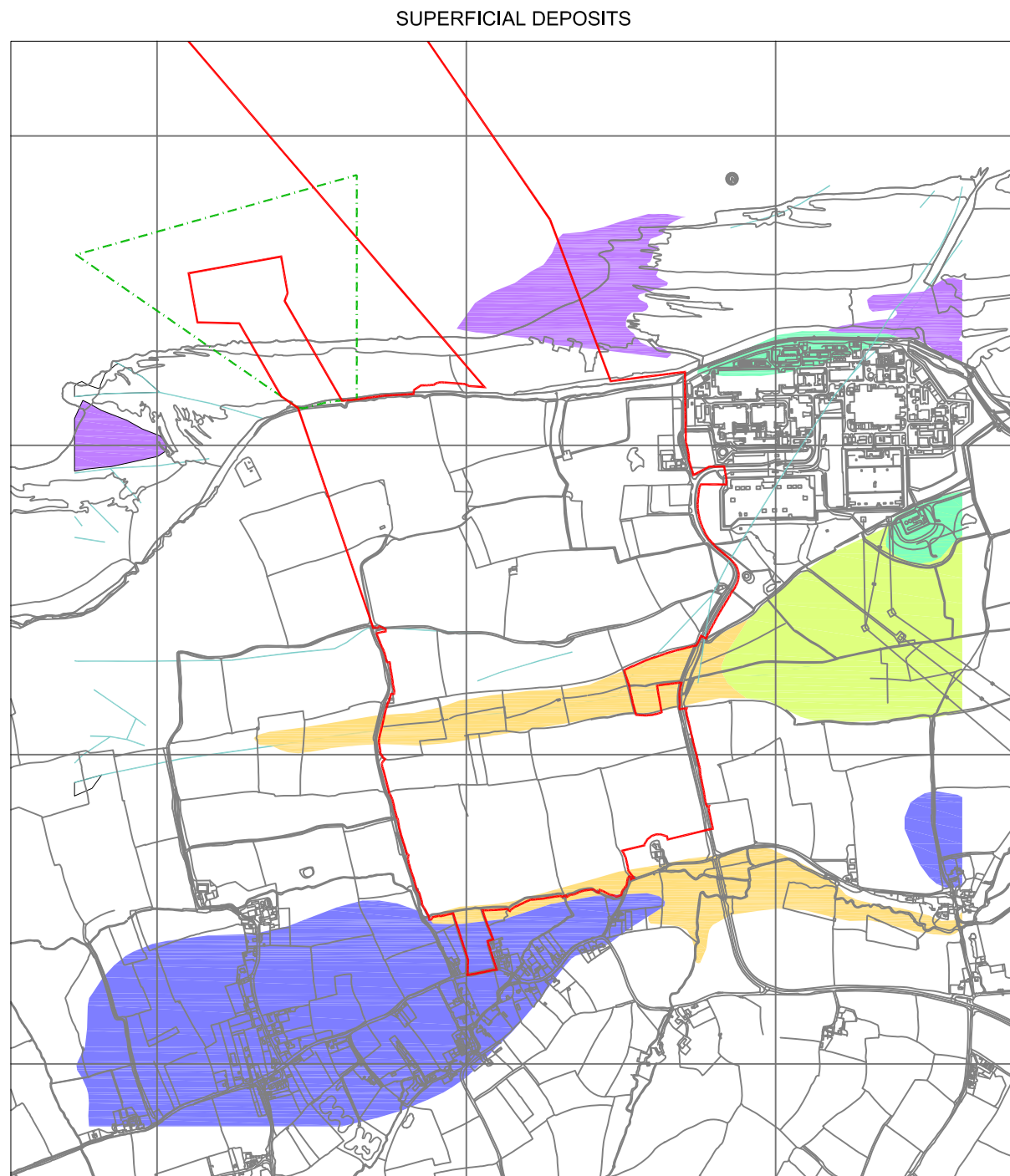
FIGURE TITLE:
**PLAN SHOWING THE HPC DEVELOPMENT
 SITE BOUNDARY AND SUB-DIVISIONAL
 AREAS**

FIGURE NO: FIGURE 14.1	REVISION: 01
DATE: SEPT 2011	SCALE: 1:7,500@A3







BEDROCK








SUPERFICIAL DEPOSITS





KEY

-  HINKLEY POINT C DEVELOPMENT SITE BOUNDARY
-  TEMPORARY JETTY SEAWARD HARBOUR LIMITS

BEDROCK

-  LANGPORT MEMBER, BLUE LIAS FORMATION AND CHARMOUTH MUDSTONE FORMATION (UNDIFFERENTIATED)
-  LANGPORT MEMBER AND BLUE LIAS FORMATION (UNDIFFERENTIATED)
-  BLUE ANCHOR FORMATION
-  MERCIA MUDSTONE GROUP
-  WESTBURY FORMATION AND COTHAM MEMBER(UNDIFFERENTIATED)

SUPERFICIAL

-  BEACH AND TIDAL FLAT DEPOSITS(UNDIFFERENTIATED)
-  TIDAL FLAT DEPOSITS
-  ALLUVIUM
-  HEAD

ARTIFICIAL

-  MAN MADE
-  FAULT LINES



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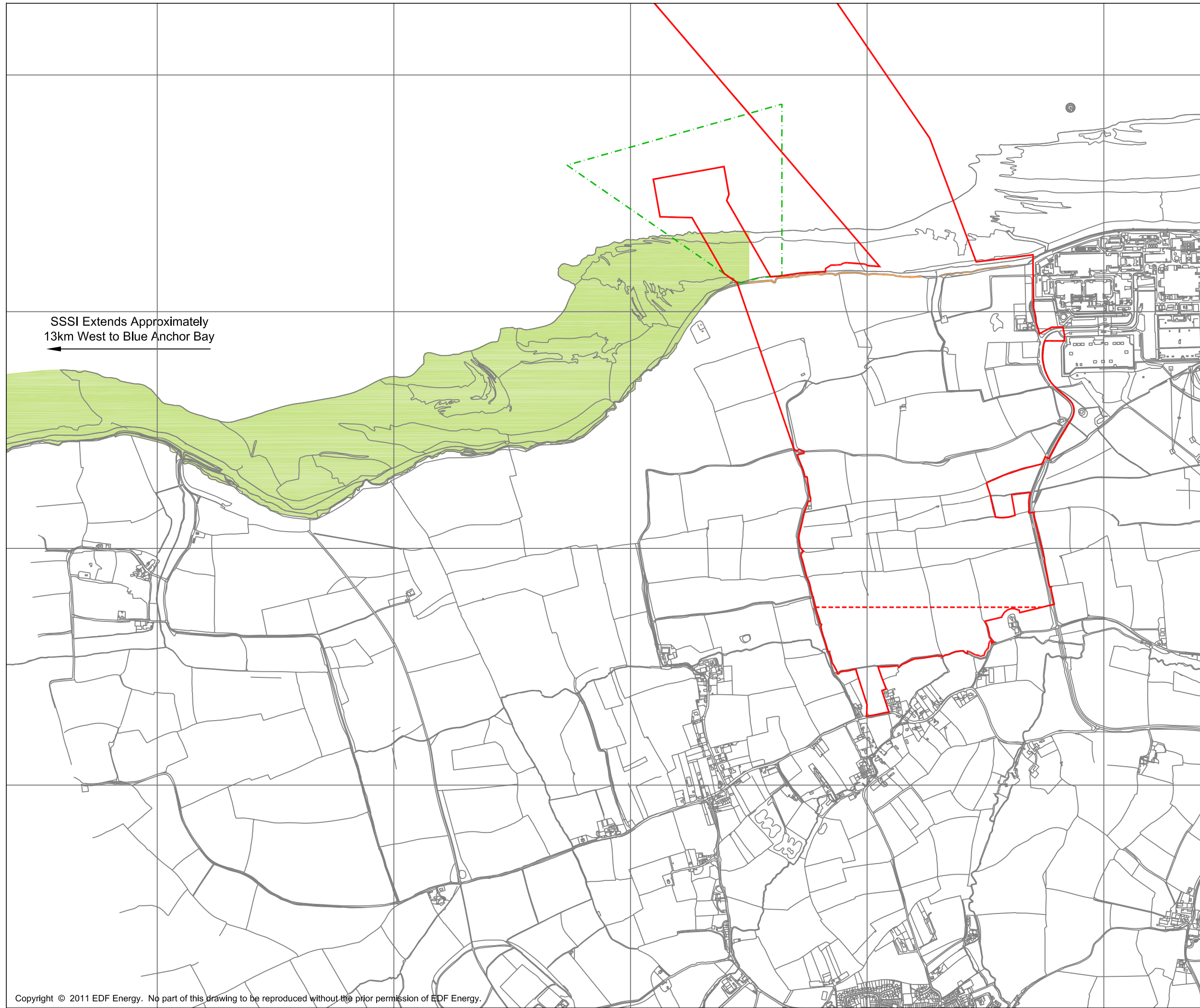
DOCUMENT:
HINKLEY POINT C PROJECT ENVIRONMENTAL STATEMENT VOLUME 2 CHAPTER 14

FIGURE TITLE:
PLAN SHOWING GEOLOGICAL MAP OF HINKLEY POINT AND SURROUNDS

FIGURE NO: **FIGURE 14.2** REVISION: **01**

DATE: **SEPT 2011** DRAWN: **C.Y.** SCALE: **1:20,000@A3**



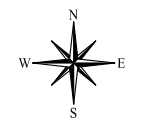


SSSI Extends Approximately
13km West to Blue Anchor Bay
←

KEY

- HINKLEY POINT C DEVELOPMENT SITE BOUNDARY
- TEMPORARY JETTY SEAWARD HARBOUR LIMITS
- BLUE ANCHOR TO LILSTOCK GEOLOGICAL SITE OF SPECIAL SCIENTIFIC INTEREST (SSSI)
- AREA OF CLIFF LYING OUTSIDE THE SSSI WITHIN THE HPC DEVELOPMENT SITE
- SOUTHERN EXTENT OF MAIN CONSTRUCTION WORKS

THE LOCATION OF THE SSSI IS BASED ON THE CO-ORDINATES PROVIDED IN NATURAL ENGLAND (1993) 'GEOLOGICAL SITE DOCUMENTATION / MANAGEMENT BRIEF, BLUE ANCHOR TO LILSTOCK COAST.'



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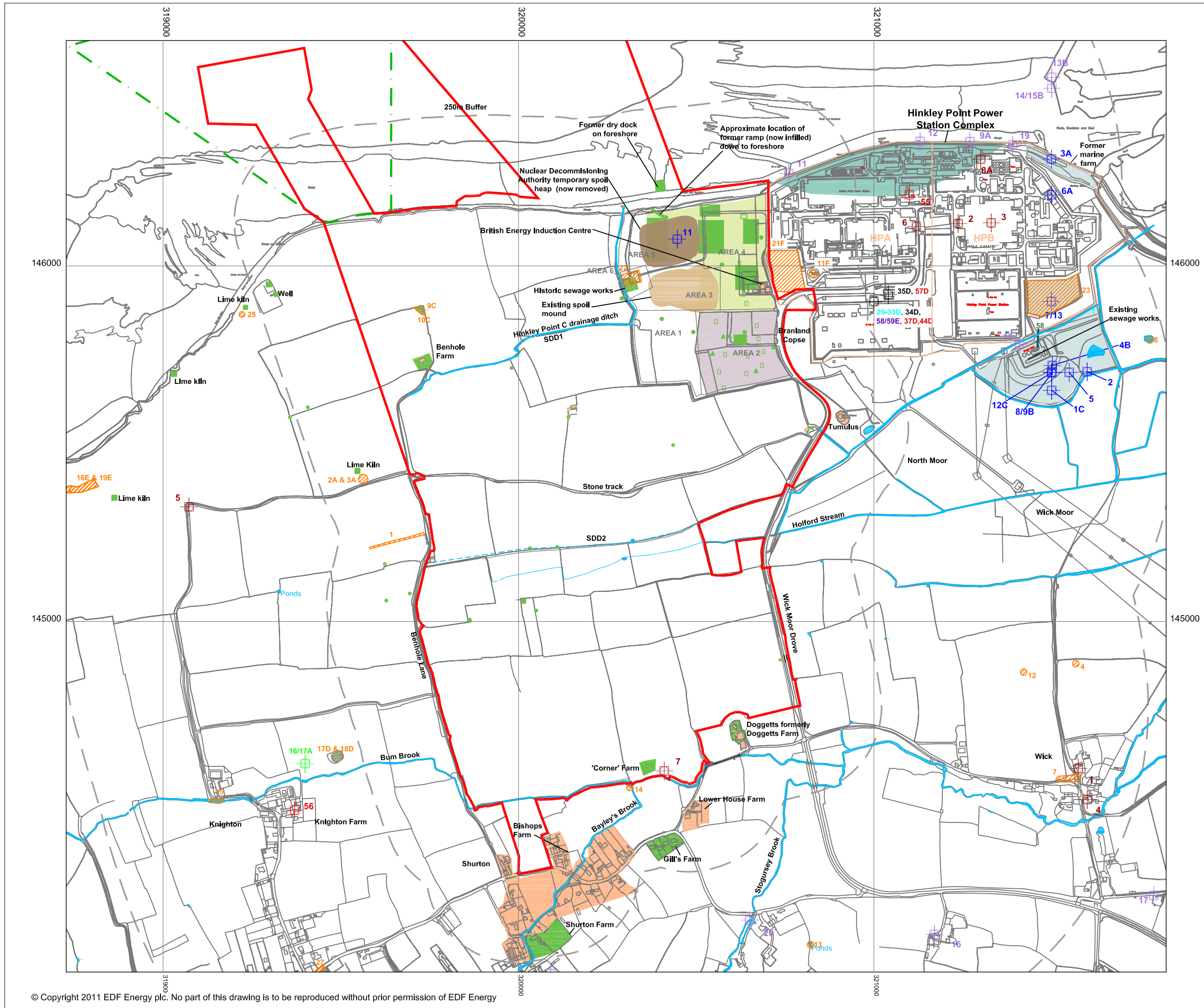


DOCUMENT:
**HINKLEY POINT C PROJECT
ENVIRONMENTAL STATEMENT
VOLUME 2 CHAPTER 14**

FIGURE TITLE:
**PLAN SHOWING THE BLUE ANCHOR
TO LILSTOCK SSSI IN RELATION TO
THE HPC DEVELOPMENT SITE**

FIGURE NO: FIGURE 14.3	REVISION: 01
DATE: SEPT 2011	SCALE: 1:15,000@A3





KEY

	HINKLEY POINT C DEVELOPMENT SITE BOUNDARY		TEMPORARY JETTY SEWARD HARBOUR LIMITS
	SEARCH AREA BUFFERS USED WITHIN THE DESK BASED ASSESSMENT		SUB DIVISIONAL AREA OF THE BUILT DEVELOPMENT AREA EAST
	DISCHARGE CONSENTS		CATEGORY 3 OR 4 RADIOACTIVE SUBSTANCE LICENCES
	11 GROUNDSURE ID FOR DISCHARGE CONSENT		4B GROUNDSURE ID FOR CATEGORY 3 OR 4 SUBSTANCE LICENCES
	POLLUTION INCIDENTS		GROUND WATER ABSTRACTION LICENCE GROUNDSURE ID FOR GROUNDWATER ABSTRACTION LICENCES
	7 GROUNDSURE ID FOR POLLUTION INCIDENT		4B GROUNDSURE ID FOR GROUNDWATER ABSTRACTION LICENCES
	LANDFILL AND LICENSED WASTE MANAGEMENT SITES		MULTIPLE FEATURES REGISTERED AT SAME LOCATION WITHIN THE GROUNDSURE REPORT
	4B GROUNDSURE ID FOR LANDFILL / LICENSED WASTE MANAGEMENT SITE		4B GROUNDSURE ID FOR COMAH AUTHORISATIONS
	4B GROUNDSURE ID FOR PART A LICENCES (IPPC)		4B GROUNDSURE ID FOR COMAH AUTHORISATIONS
	4B GROUNDSURE ID FOR PART A LICENCES (IPC)		LANDFILL SITES IDENTIFIED BY GROUNDSURE
	ARTIFICIAL GROUND IDENTIFIED BY GROUNDSURE		LANDFILL SITES IDENTIFIED BY GROUNDSURE
	2 GROUNDSURE ID FOR ARTIFICIAL GROUND		AREAS OF SPOIL DEPOSITS (NOT IDENTIFIED IN GROUNDSURE REPORT)
	GROUND WORKINGS IDENTIFIED BY GROUNDSURE		AREAS OF SPOIL DEPOSITS (NOT IDENTIFIED IN GROUNDSURE REPORT)
	23 GROUNDSURE ID FOR GROUND WORKINGS		NDA SPOIL AREA - NOW REMOVED
	HISTORICAL FEATURES		EXISTING FEATURES
	HISTORICAL BUILDINGS IDENTIFIED ON HISTORICAL MAPS OR PHOTOGRAPHS		EXISTING FEATURE PRESENT ON OR OFF SITE
	(THE SIZE, NUMBER AND LOCATION OF THE HISTORICAL FEATURES ARE INDICATIVE ONLY, NOT TO SCALE)		EXISTING BUILDING
	HISTORIC POND		WATERCOURSE FEATURES
	HISTORIC ELECTRICAL SUBSTATION		WATERCOURSE
	HISTORIC BOILER HOUSE / ABOVE GROUND STORAGE TANKS		EPHEMERAL AGRICULTURAL DRAINAGE DITCH (KNOWN)
	HISTORIC SEWAGE WORKS		CURRENT WATER FEATURE
	AREA OF FORMER ACCOMMODATION CAMP DURING CONSTRUCTION OF HINKLEY A AND B		
	FORMER FABRICATION AND ENGINEERING AREA DURING CONSTRUCTION OF HINKLEY A (AREA INCLUDES BUILDINGS, BOILER HOUSES/ASTS, CRANES, TRACKWAYS, MATERIALS STORAGE AREA, CONCRETE BATCHING, AGGREGATES PROCESSING, WASTE STORAGE AND DISPOSAL ETC)		

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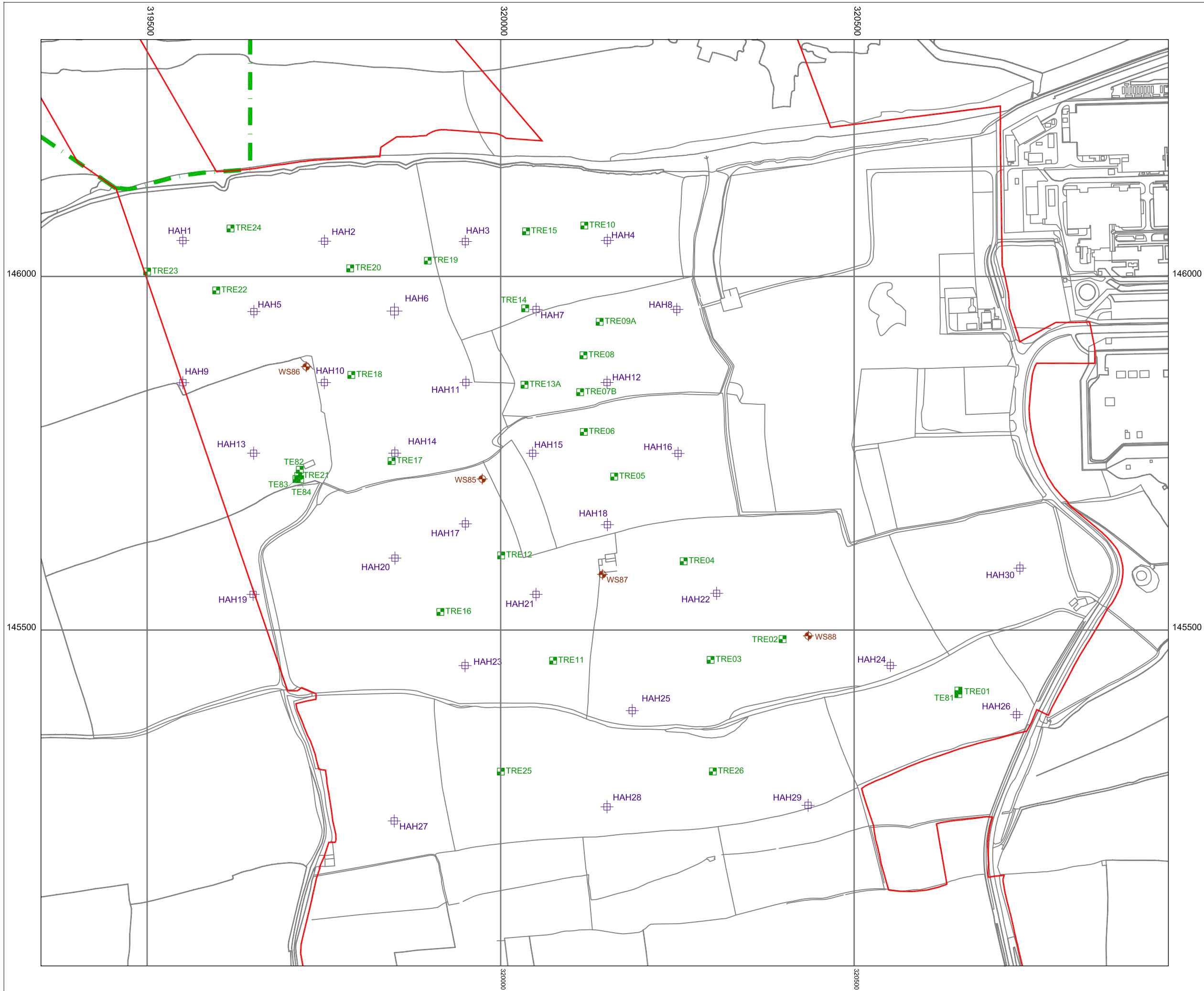


DOCUMENT:
HINKLEY POINT C PROJECT ENVIRONMENTAL STATEMENT VOLUME 2 CHAPTER 14

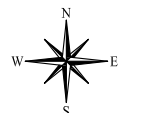
FIGURE TITLE:
PLAN SHOWING POTENTIAL POLLUTANT SOURCES/SALIENT FEATURES

FIGURE NO: **FIGURE 14.4** REVISION: **01**
 DATE: **SEPT 2011** DRAWN: **C.Y** SCALE: **1:10,000@A3**





- KEY**
- HINKLEY POINT C DEVELOPMENT SITE BOUNDARY
 - TEMPORARY JETTY SEAWARD HARBOUR LIMITS
 - ⊕ HAND AUGER LOCATION
 - ⊕ WINDOW SAMPLING LOCATION
 - ⊕ TRIAL TRENCH LOCATION
 - TRE10 EXPLORATORY HOLE REFERENCE



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DOCUMENT:
HINKLEY POINT C PROJECT ENVIRONMENTAL STATEMENT VOLUME 2 CHAPTER 14

FIGURE TITLE:
PLAN SHOWING EXPLORATORY HOLE LOCATIONS ON BUILT DEVELOPMENT AREA WEST

FIGURE NO: FIGURE 14.5	REVISION: 01
DATE: SEPT 2011	SCALE: 1:5,000@A3





KEY

- HINKLEY POINT C DEVELOPMENT SITE BOUNDARY
- SUB DIVISIONAL AREA BOUNDARY
- LOCATIONS OF SUSPECTED OR CONFIRMED ASBESTOS CONTAINING MATERIALS**
- TRIAL PIT LOCATION
- ROTARY BOREHOLE OR CABLE PERCUSSIVE & ROTARY BOREHOLE LOCATION
- CABLE PERCUSSIVE BOREHOLE
- HAND PIT LOCATION
- WINDOW SAMPLING LOCATION
- EXPLORATORY HOLE REFERENCE
- TE37**
- Serco 2006**

SAMPLING LOCATION FROM THE SERCO 2006 'BASELINE SURVEY OF AN AREA OF LAND TO BE LEASED BY BRITISH ENERGY AT HINKLEY POINT.'



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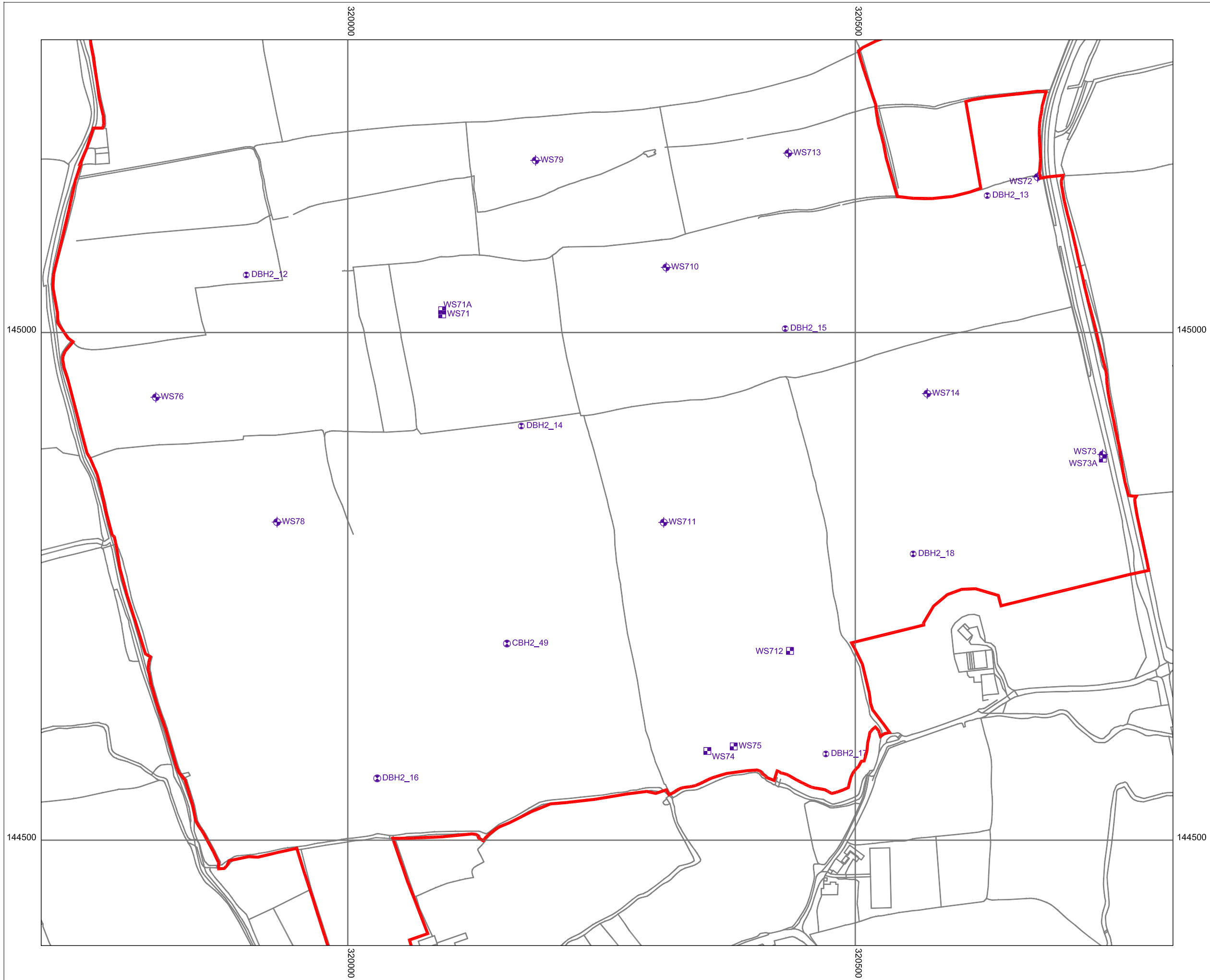
DOCUMENT:
HINKLEY POINT C PROJECT ENVIRONMENTAL STATEMENT VOLUME 2 CHAPTER 14






FIGURE TITLE:
PLAN SHOWING LOCATIONS OF SUSPECTED AND CONFIRMED ASBESTOS CONTAINING MATERIALS ON BUILT DEVELOPMENT AREA EAST

FIGURE NO: **FIGURE 14.7** REVISION: **01**

DATE: **SEPT 2011** DRAWN: **C.Y** SCALE: **1:2,500@A3**





- KEY**
-  HINKLEY POINT C DEVELOPMENT SITE BOUNDARY
 -  ROTARY BOREHOLE OR CABLE PERCUSSIVE & ROTARY BOREHOLE LOCATION
 -  WINDOW SAMPLING LOCATION
 -  HAND EXCAVATED PIT LOCATION
 - WS79 EXPLORATORY HOLE REFERENCE
 -  SOUTHERN EXTENT OF MAIN CONSTRUCTION WORKS



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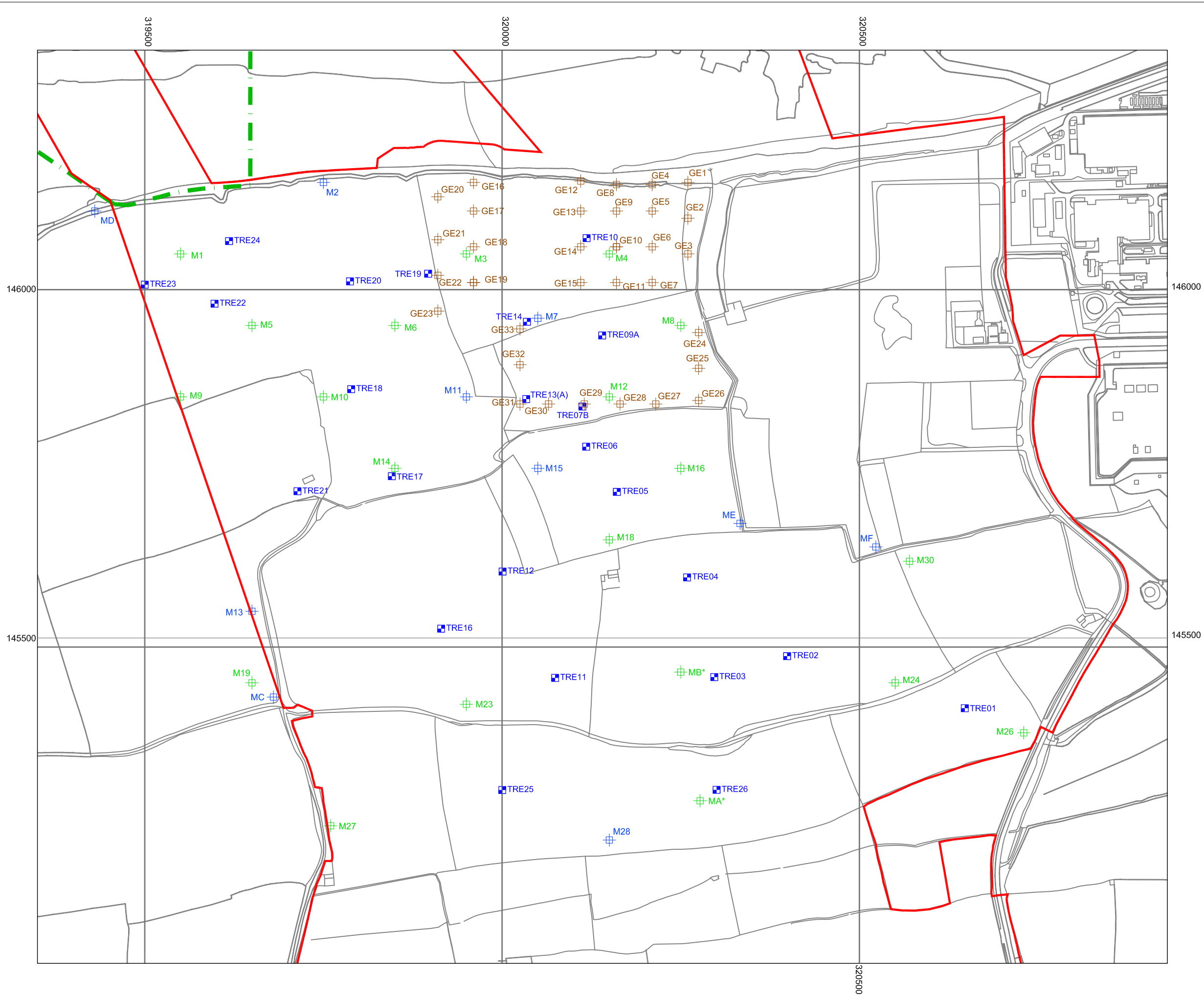
DOCUMENT:
HINKLEY POINT C PROJECT ENVIRONMENTAL STATEMENT VOLUME 2 CHAPTER 14

FIGURE TITLE:
PLAN SHOWING EXPLORATORY HOLE LOCATIONS ON SOUTHERN CONSTRUCTION PHASE AREA

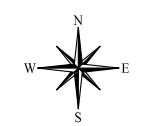
FIGURE NO: **FIGURE 14.8** REVISION: **01**

DATE: **SEPT 2011** DRAWN: **C.Y** SCALE: **1:3,500@A3**





- KEY**
- ▭ HINKLEY POINT C DEVELOPMENT SITE BOUNDARY
 - - - TEMPORARY JETTY SEAWARD HARBOUR LIMITS
 - ▣ TRIAL TRENCH LOCATION
 - TRE10 EXPLORATORY HOLE REFERENCE
 - ⊕ RADIOLOGICAL SURVEY POINTS USING G2/ELECTRA
 - ⊕ PLANNED RADIOLOGICAL SURVEY POINTS USING MINI 6-80
 - ⊕ ADDITIONAL RADIOLOGICAL SURVEY POINTS USING MINI 6-80



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FIGURE TITLE:
PLAN SHOWING RADIOLOGICAL SURVEY AND SAMPLING LOCATIONS OF THE BUILT DEVELOPMENT AREA WEST

FIGURE NO: FIGURE 14.9	REVISION: 01
DATE: SEPT 2011	DRAWN: C.Y
SCALE: 1:5,000@A3	
SCALE BAR <div style="display: flex; justify-content: space-between; align-items: center;"> 0 50 250m </div>	



KEY

- HINKLEY POINT C DEVELOPMENT SITE BOUNDARY

RADIOLOGICAL WALKOVER SURVEY G2/ELECTRA

- <15 kcpm
- 15 - 30 kcpm
- >30 kcpm

ENVIRONMENTAL GAMMA DOSE RATE SURVEY (MINI 6-80 / MC71)

- <1300 COUNTS / 600s
- 1300 - 1500 COUNTS / 600s
- >1500 COUNTS / 600s

- >ISO CONTAINER STORAGE BUILDING
- + MOBILE PHONE MAST
- SUB DIVISIONAL AREA BOUNDARY



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FIGURE TITLE:
PLAN SHOWING LOCATIONS OF RADIOLOGICAL WALKOVER SURVEY ON BUILT DEVELOPMENT AREA EAST







FIGURE NO: **FIGURE 14.10** REVISION: **01**

DATE: **SEPT 2011** DRAWN: **C.Y** SCALE: **1:2,500@A3**





KEY

-  HINKLEY POINT C DEVELOPMENT SITE BOUNDARY
-  TRIAL PIT LOCATION
-  ROTARY BOREHOLE OR CABLE PERCUSSIVE & ROTARY BOREHOLE LOCATION
-  CABLE PERCUSSIVE BOREHOLE LOCATION
-  WINDOW SAMPLING LOCATION
- TE37** EXPLORATORY HOLE REFERENCE
-  SUB DIVISIONAL AREA BOUNDARY



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FIGURE TITLE:
PLAN SHOWING LOCATIONS OF RADIOLOGICAL SOIL SAMPLING ON BUILT DEVELOPMENT AREA EAST

FIGURE NO: **FIGURE 14.11** REVISION: **01**

DATE: **SEPT 2011** DRAWN: **C.Y** SCALE: **1:2,500@A3**





KEY

- HINKLEY POINT C DEVELOPMENT SITE BOUNDARY
- ENVIRONMENTAL GAMMA DOSE RATE SURVEY (MINI 6-80 / MC71)
 - > 1500 COUNTS / 600S
 - 1300 - 1500 COUNTS / 600S
 - < 1300 COUNTS / 600S
- + RADIOLOGICAL SAMPLING LOCATION
- WS71 EXPLORATORY HOLE REFERENCE
- SOUTHERN EXTENT OF MAIN CONSTRUCTION WORKS



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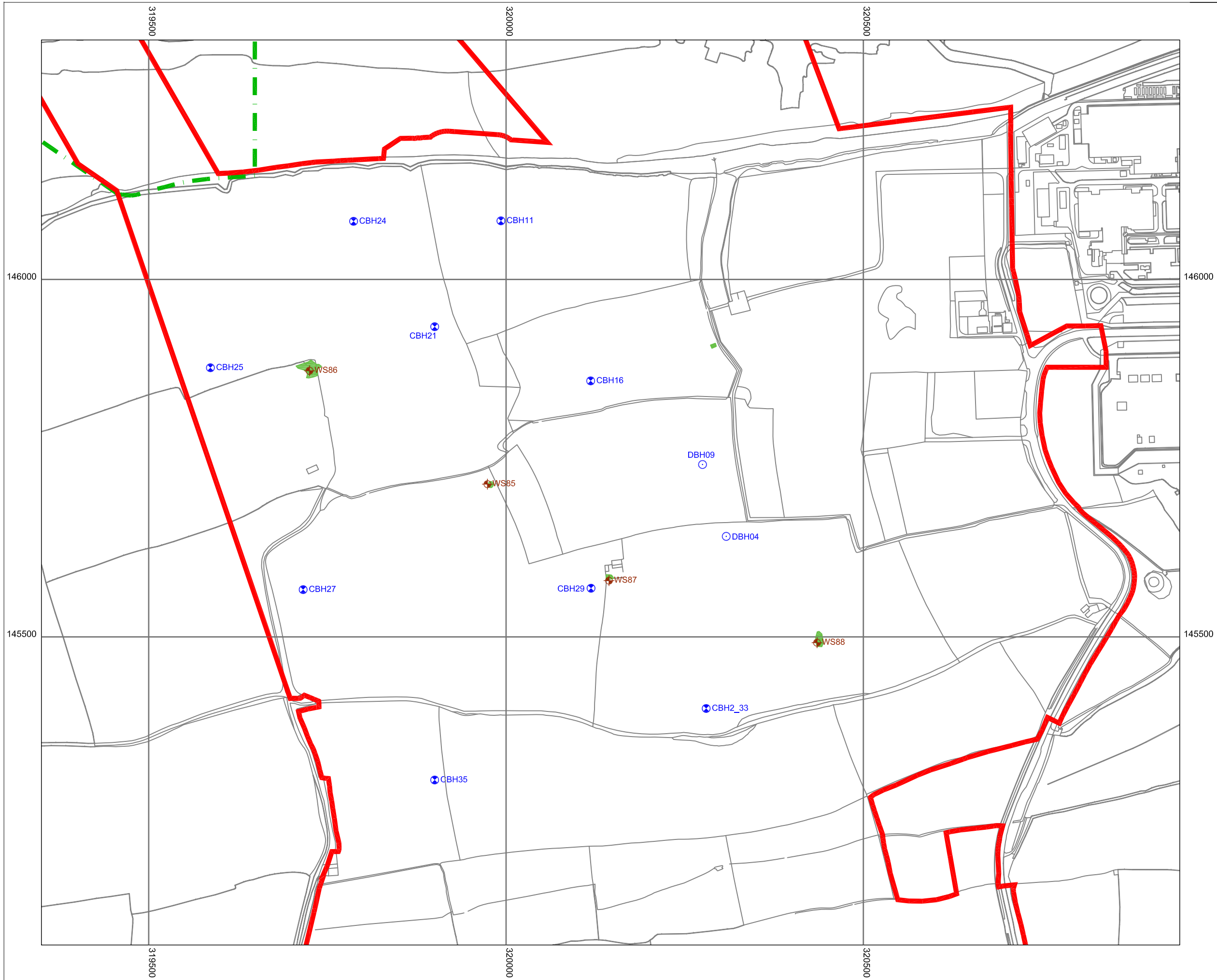
DOCUMENT:
HINKLEY POINT C PROJECT ENVIRONMENTAL STATEMENT VOLUME 2 CHAPTER 14







FIGURE TITLE:
PLAN SHOWING RADIOLOGICAL SURVEY AND SAMPLING LOCATIONS ON SOUTHERN CONSTRUCTION PHASE AREA

FIGURE NO: **FIGURE 14.12** REVISION: **01**

DATE: **SEPT 2011** DRAWN: **C.Y** SCALE: **1:3,500@A3**





- KEY**
-  HINKLEY POINT C DEVELOPMENT SITE BOUNDARY
 -  TEMPORARY JETTY HARBOUR LIMITS
 -  GAS MONITORING LOCATION (ROTARY DESTRUCTIVE BOREHOLE)
 -  GAS MONITORING LOCATION (ROTARY CORED BOREHOLE)
 -  WINDOW SAMPLE HOLE TARGETING A HISTORICAL POND (NOT INSTALLED)
 -  HISTORICAL POND



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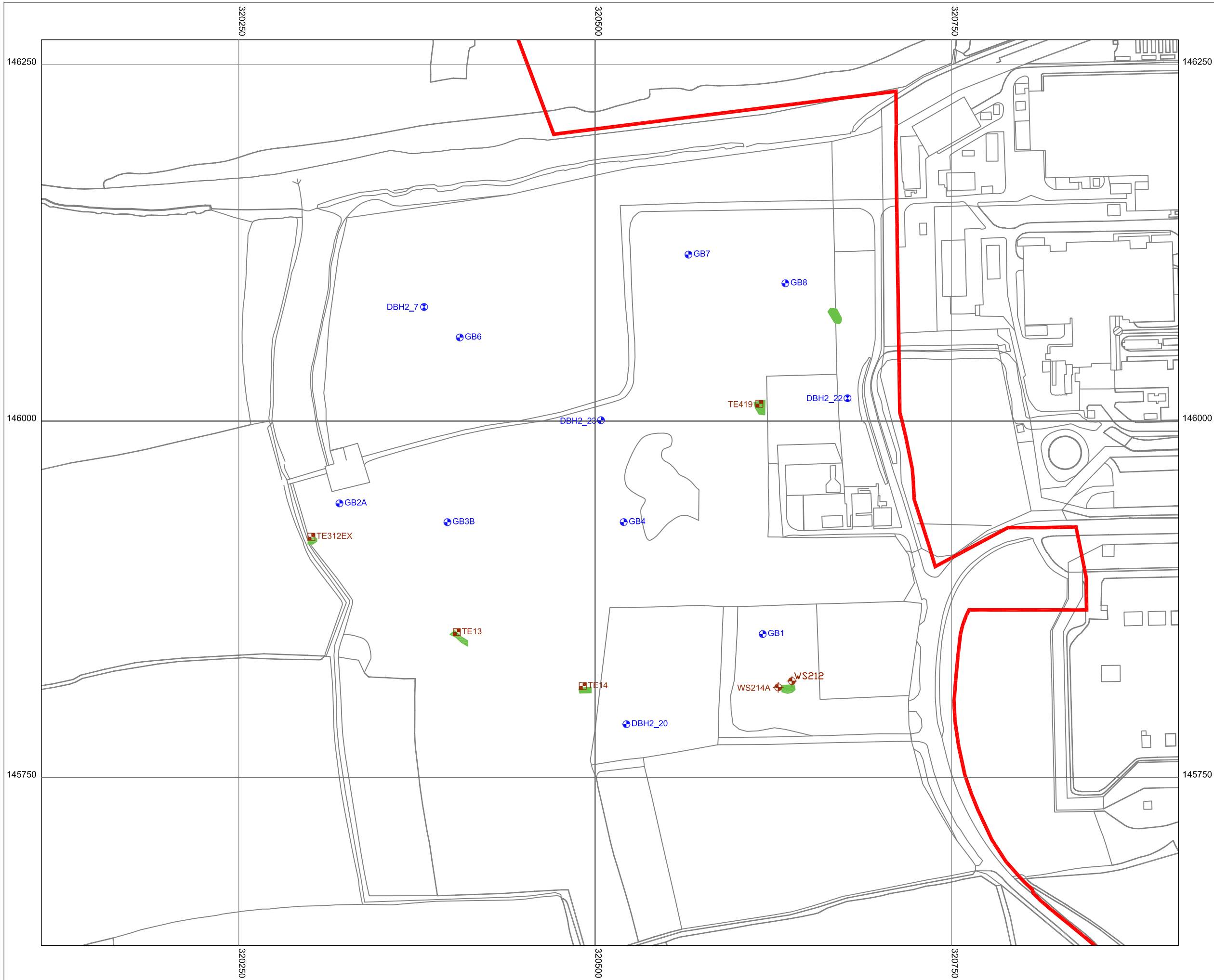








DOCUMENT:
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 VOLUME 2 CHAPTER 14**


FIGURE TITLE:
**PLAN SHOWING HISTORICAL PONDS,
 TARGETED INTRUSIVE LOCATIONS AND GAS
 MONITORING LOCATIONS ON THE BUILT
 DEVELOPMENT AREA WEST**

FIGURE NO: **FIGURE 14.13** REVISION: **01**
 DATE: **SEPT 2011** DRAWN: **C.Y** SCALE: **1:5,000@A3**





- KEY**
-  HINKLEY POINT C DEVELOPMENT SITE BOUNDARY
 -  GAS MONITORING LOCATION (CABLE PERCUSSIVE BOREHOLE)
 -  GAS MONITORING LOCATION (ROTARY CORED BOREHOLE)
 -  TRIAL PIT TARGETING A HISTORICAL POND
 -  WINDOW SAMPLE HOLE TARGETING A HISTORICAL POND (NOT INSTALLED)
 -  HISTORICAL POND


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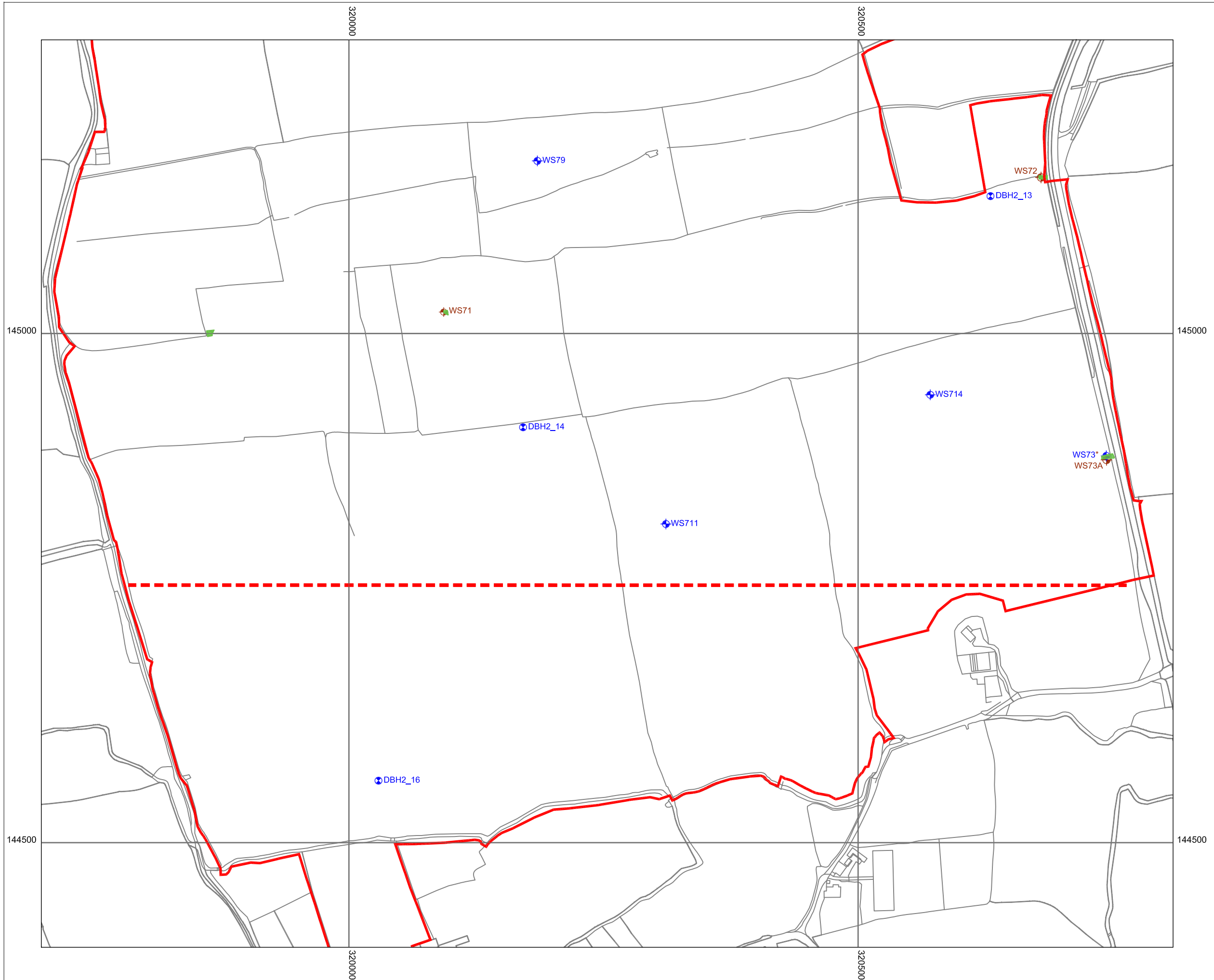


DOCUMENT:
HINKLEY POINT C PROJECT ENVIRONMENTAL STATEMENT VOLUME 2 CHAPTER 14








FIGURE TITLE:
PLAN SHOWING HISTORICAL PONDS, TARGETED INTRUSIVE LOCATIONS AND GAS MONITORING LOCATIONS ON THE BUILT DEVELOPMENT AREA EAST

FIGURE NO: FIGURE 14.14	REVISION: 01
DATE: SEPT 2011	SCALE: 1:2,500@A3





KEY

-  HINKLEY POINT C DEVELOPMENT SITE BOUNDARY
-  SOUTHERN EXTENT OF MAIN CONSTRUCTION WORKS
-  GAS MONITORING LOCATION (WINDOW SAMPLING HOLE)
-  GAS MONITORING LOCATION (ROTARY CORED BOREHOLE)
-  WINDOW SAMPLE HOLE TARGETING A HISTORICAL POND (NOT INSTALLED)
-  MONITORING AND TARGETED LOCATION
-  HISTORICAL POND



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FIGURE TITLE:
PLAN SHOWING HISTORICAL PONDS, TARGETED INTRUSIVE LOCATIONS AND GAS MONITORING LOCATIONS ON THE SOUTHERN CONSTRUCTION PHASE AREA

FIGURE NO: **FIGURE 14.15** REVISION: **01**

DATE: **SEPT 2011** DRAWN: **C.Y** SCALE: **1:3,500@A3**





KEY

- HINKLEY POINT C DEVELOPMENT SITE BOUNDARY
- SUB DIVISIONAL AREA BOUNDARY

LOCATIONS OF SUSPECTED OR CONFIRMED ASBESTOS CONTAINING MATERIALS

- TRIAL PIT LOCATION
- ROTARY BOREHOLE OR CABLE PERCUSSIVE & ROTARY BOREHOLE LOCATION
- CABLE PERCUSSIVE BOREHOLE
- HAND PIT LOCATION
- WINDOW SAMPLING LOCATION
- EXPLORATORY HOLE REFERENCE

LOCATIONS OF HYDROCARBON CONTAMINATED SOILS

- TRIAL PIT LOCATION
- ASBESTOS CONTAINING MATERIALS ALSO IDENTIFIED AT THIS LOCATION
- LOCATION OF NEW TEMPORARY CAR PARKING



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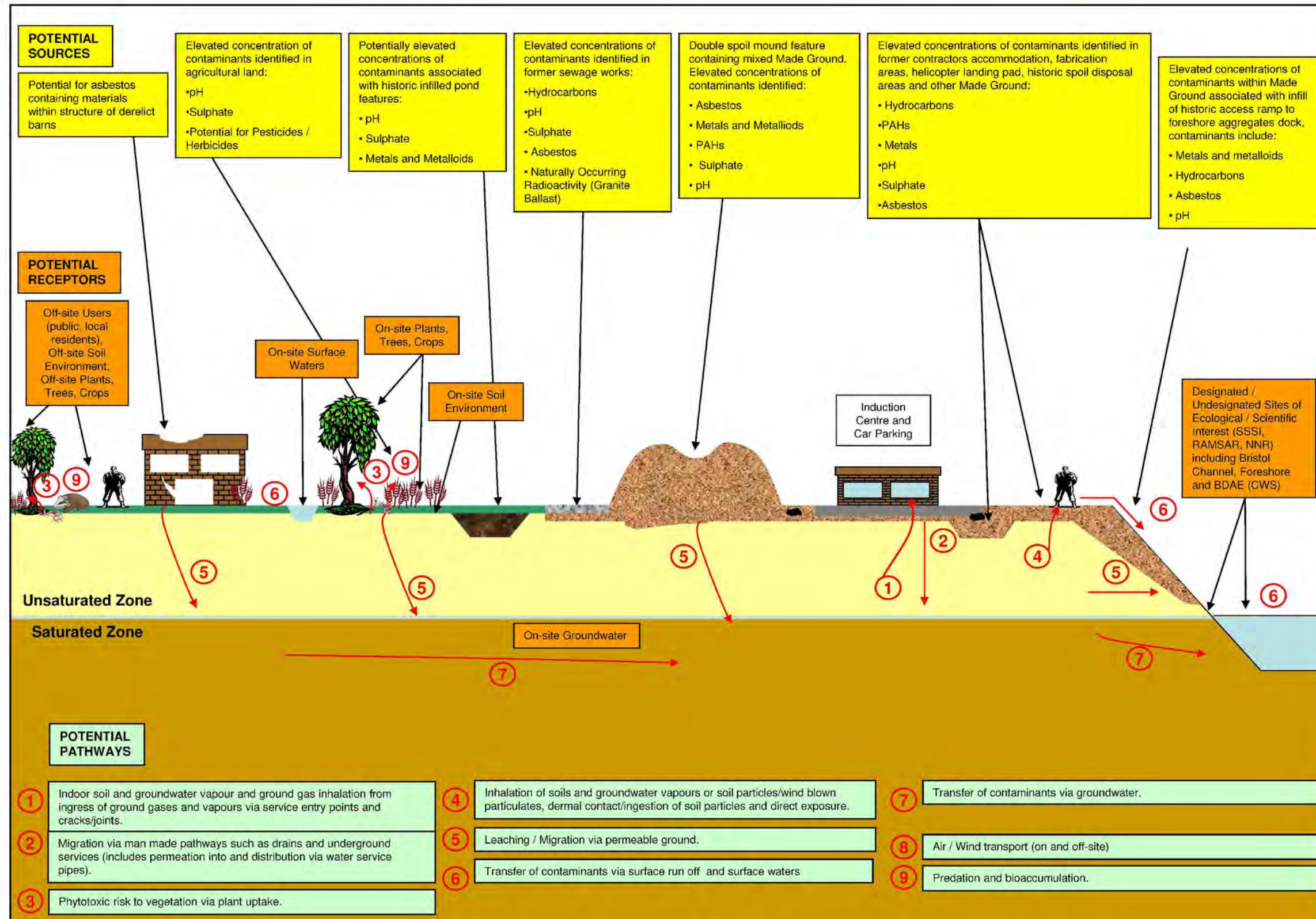
DOCUMENT:
HINKLEY POINT C PROJECT ENVIRONMENTAL STATEMENT VOLUME 2 CHAPTER 14

FIGURE TITLE:
PLAN SHOWING ASBESTOS CONTAINING MATERIALS, HYDROCARBON HOTSPOT AND TEMPORARY CAR PARK

FIGURE NO: **FIGURE 14.16** REVISION: **01**

DATE: **SEPT 2011** DRAWN: **C.Y** SCALE: **1:2,500@A3**





Note: All potential sources, pathways and receptors shown are in the **uncontrolled** state and without the adoption of standard good practice.



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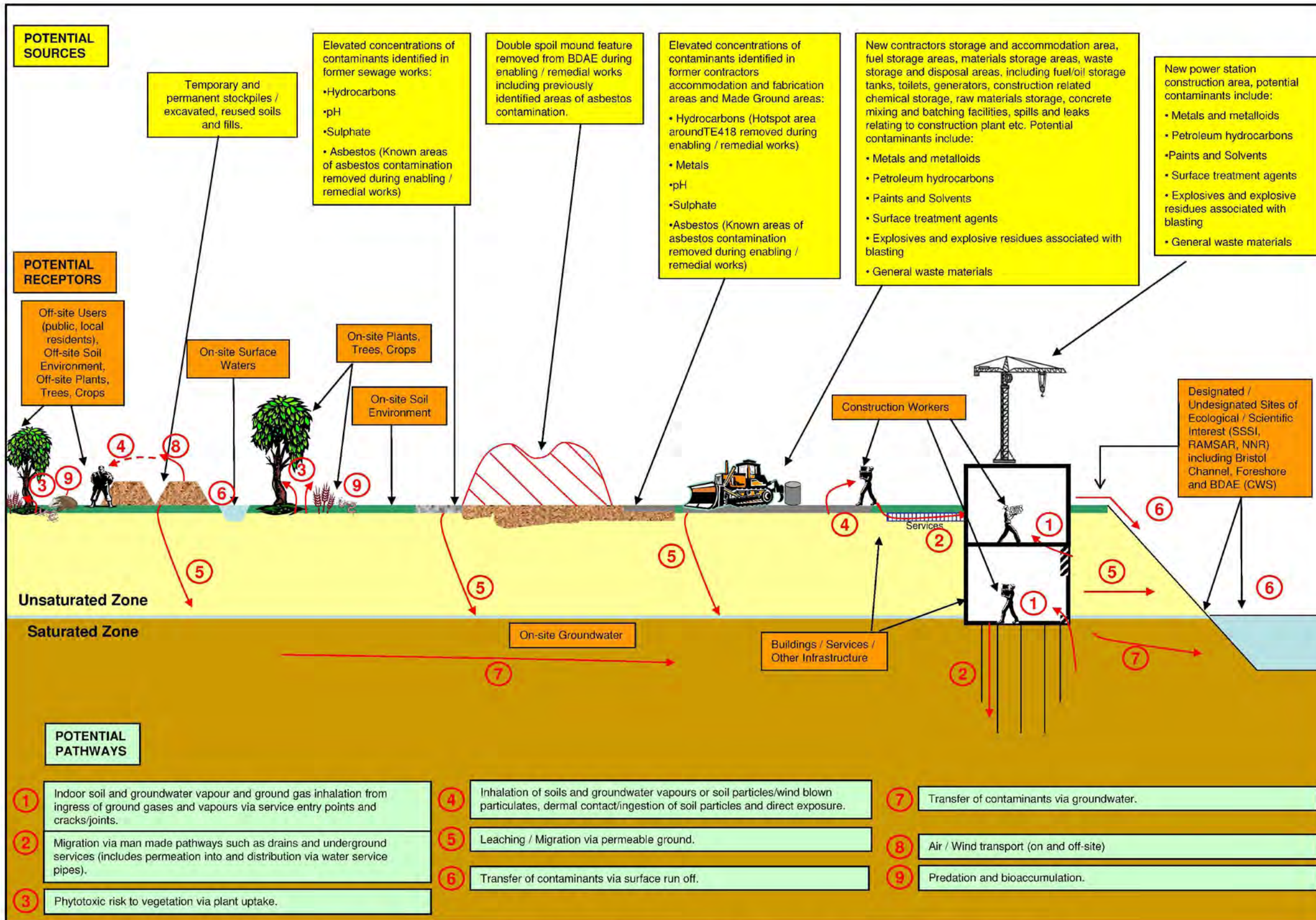
DOCUMENT:
HINKLEY POINT C PROJECT ENVIRONMENTAL STATEMENT VOLUME 2 CHAPTER 14

FIGURE TITLE:
BASELINE (PRE ENABLING/REMEDIAL WORKS) SCHEMATIC CONCEPTUAL SITE MODEL

FIGURE NO: **FIGURE 14.17** REVISION: **01**

DATE: **SEPT 2011** DRAWN: **C.Y** SCALE: **NTS**

SCALE BAR



Note: All potential sources, pathways and receptors shown are in the **uncontrolled** state and without the adoption of standard good practice.



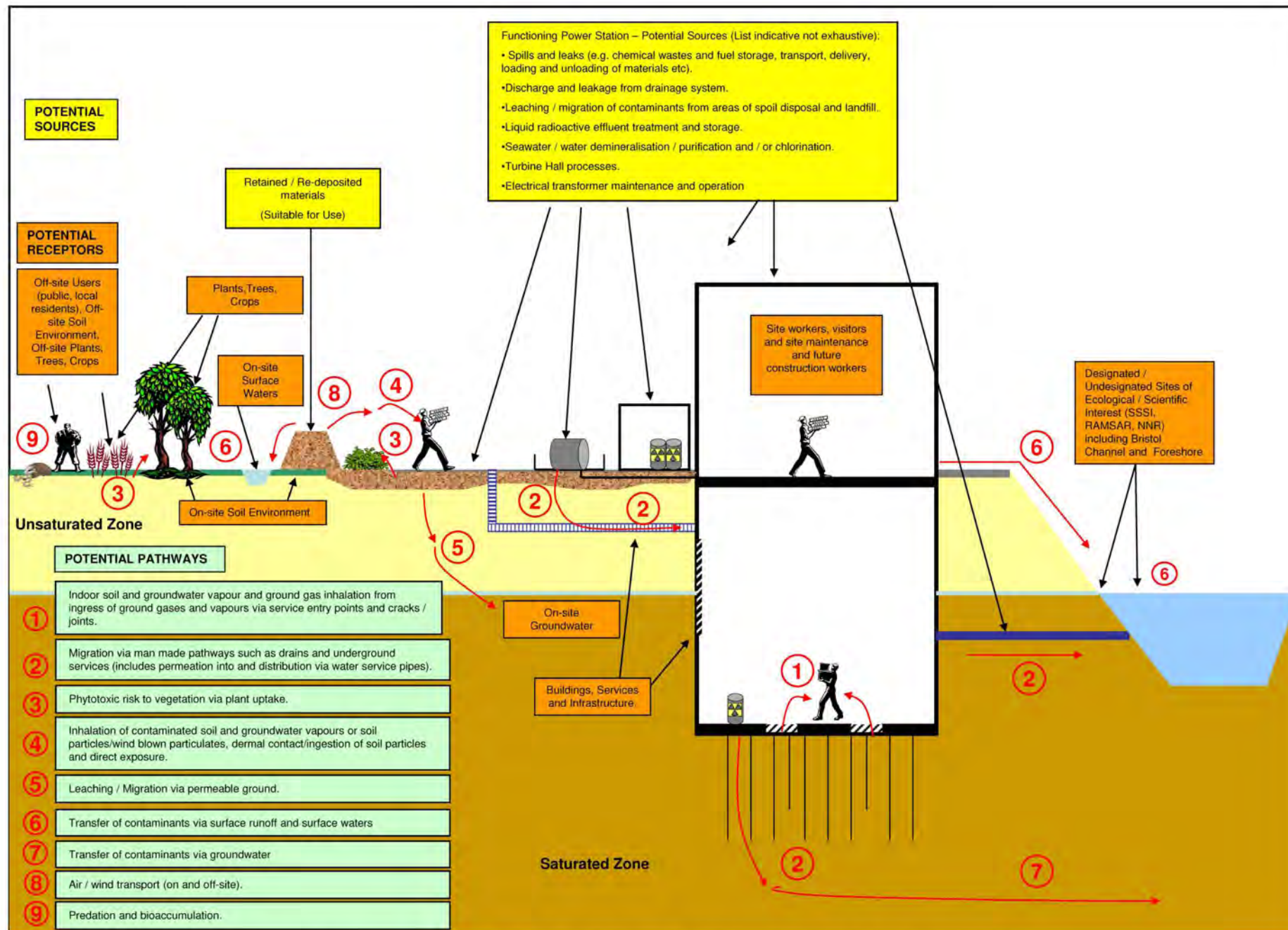
DOCUMENT:
 HINKLEY POINT C PROJECT
 ENVIRONMENTAL STATEMENT
 VOLUME 2 CHAPTER 14

FIGURE TITLE:
 CONSTRUCTION PHASE (POST
 ENABLING/REMEDIAL WORKS) SCHEMATIC
 CONCEPTUAL SITE MODEL

FIGURE NO: **FIGURE 14.18** REVISION: **01**

DATE: **SEPT 2011** DRAWN: **C.Y** SCALE: **NTS**

SCALE BAR



Note: All potential sources, pathways and receptors shown are in the **uncontrolled** state and without the adoption of standard good practice.



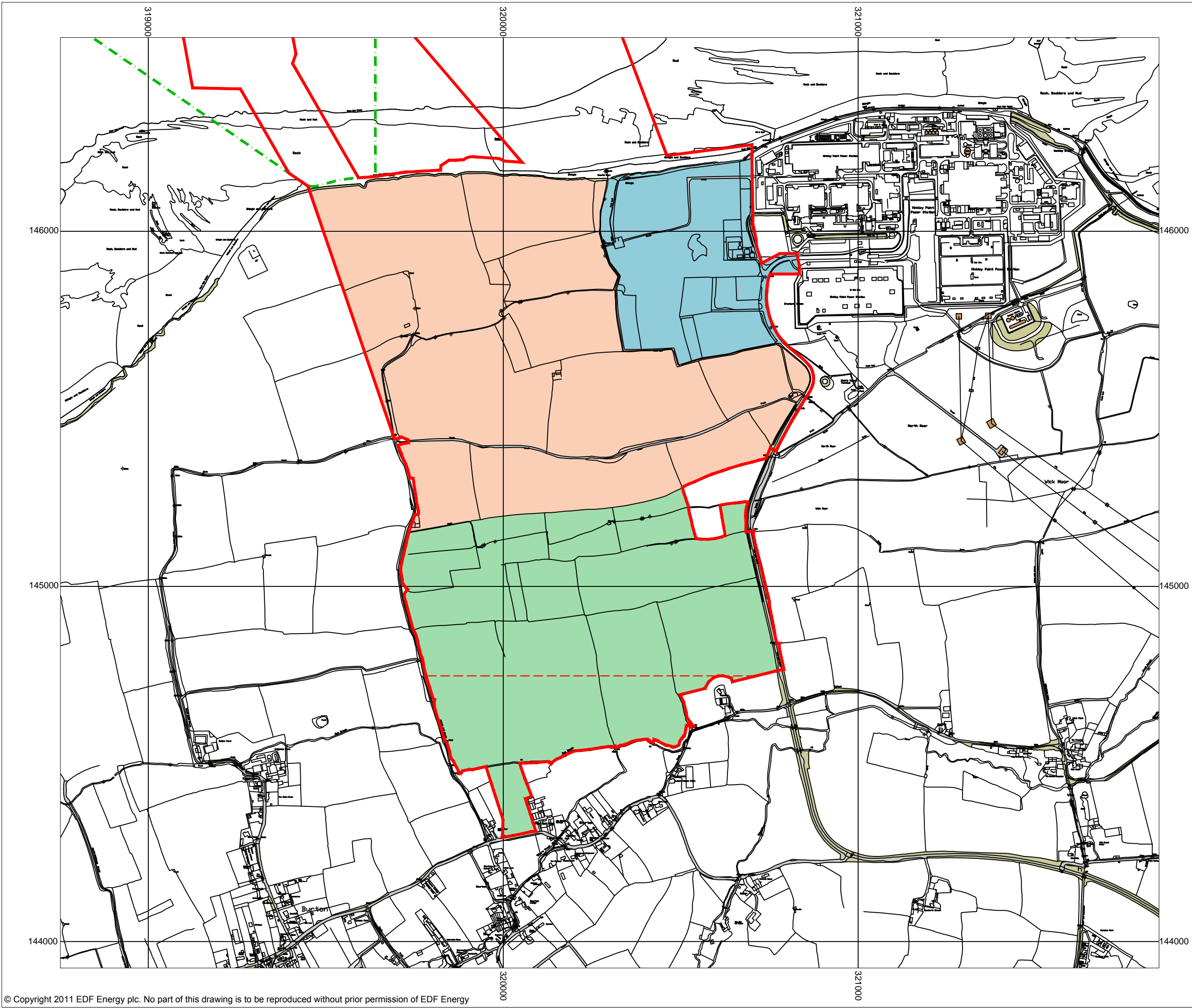
DOCUMENT:
**HINKLEY POINT C PROJECT
 ENVIRONMENTAL STATEMENT
 VOLUME 2 CHAPTER 14**

FIGURE TITLE:
**OPERATIONAL PHASE SCHEMATIC
 SITE CONCEPTUAL MODEL**

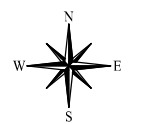
FIGURE NO: **FIGURE 14.19** REVISION: **01**

DATE: **SEPT 2011** DRAWN: **C.Y** SCALE: **NTS**

SCALE BAR



- KEY**
- HINKLEY POINT C DEVELOPMENT SITE BOUNDARY
 - TEMPORARY JETTY HARBOUR LIMITS
 - BUILDING
 - BUILT DEVELOPMENT AREA WEST
 - BUILT DEVELOPMENT AREA EAST
 - SOUTHERN CONSTRUCTION PHASE AREA
 - SOUTHERN LIMIT OF PRELIMINARY WORKS ACTIVITY



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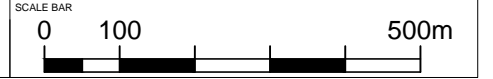


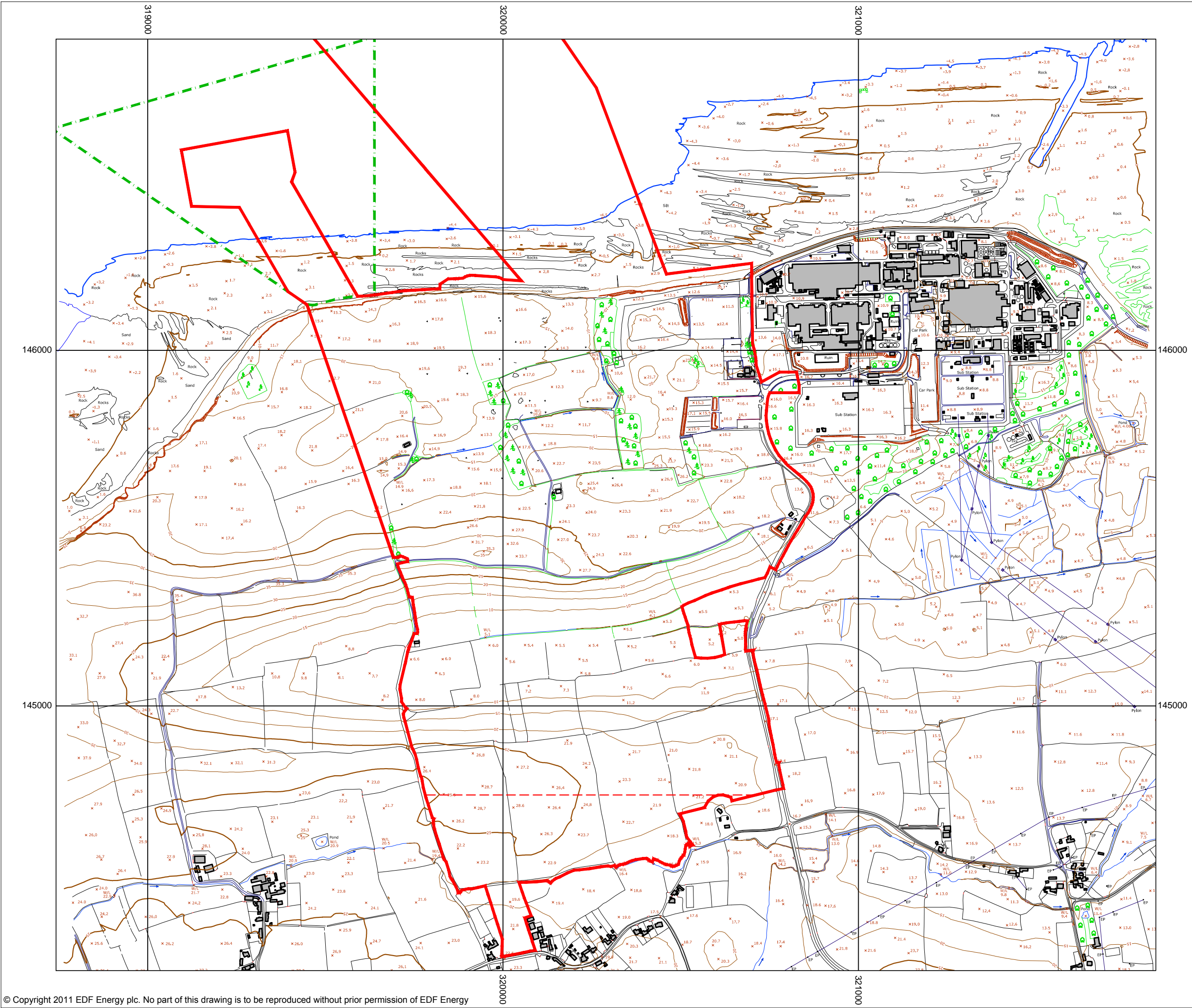
DOCUMENT:
HINKLEY POINT C PROJECT ENVIRONMENTAL STATEMENT VOLUME 2 CHAPTER 15

FIGURE TITLE:
PLAN SHOWING BUILT DEVELOPMENT AREA WEST, BUILT DEVELOPMENT AREA EAST AND SOUTHERN CONSTRUCTION PHASE AREA

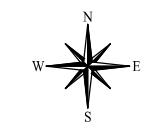
FIGURE NO: **FIGURE 15.2** REVISION: **01**

DATE: **SEPT 2011** DRAWN: **C.Y** SCALE: **1:10,000@A3**





- KEY**
- HINKLEY POINT C DEVELOPMENT SITE BOUNDARY
 - TEMPORARY JETTY HARBOUR LIMITS
 - SOUTHERN LIMIT OF PRELIMINARY WORKS ACTIVITY
 - BUILDINGS
 - x.xx TOPOGRAPHICAL SPOT HEIGHT (mAOD)
 - 🌳 WOODLAND
 - WATERCOURSE (AND MEAN LOW WATER MARK)
 - TOPOGRAPHICAL CONTOUR (mAOD)



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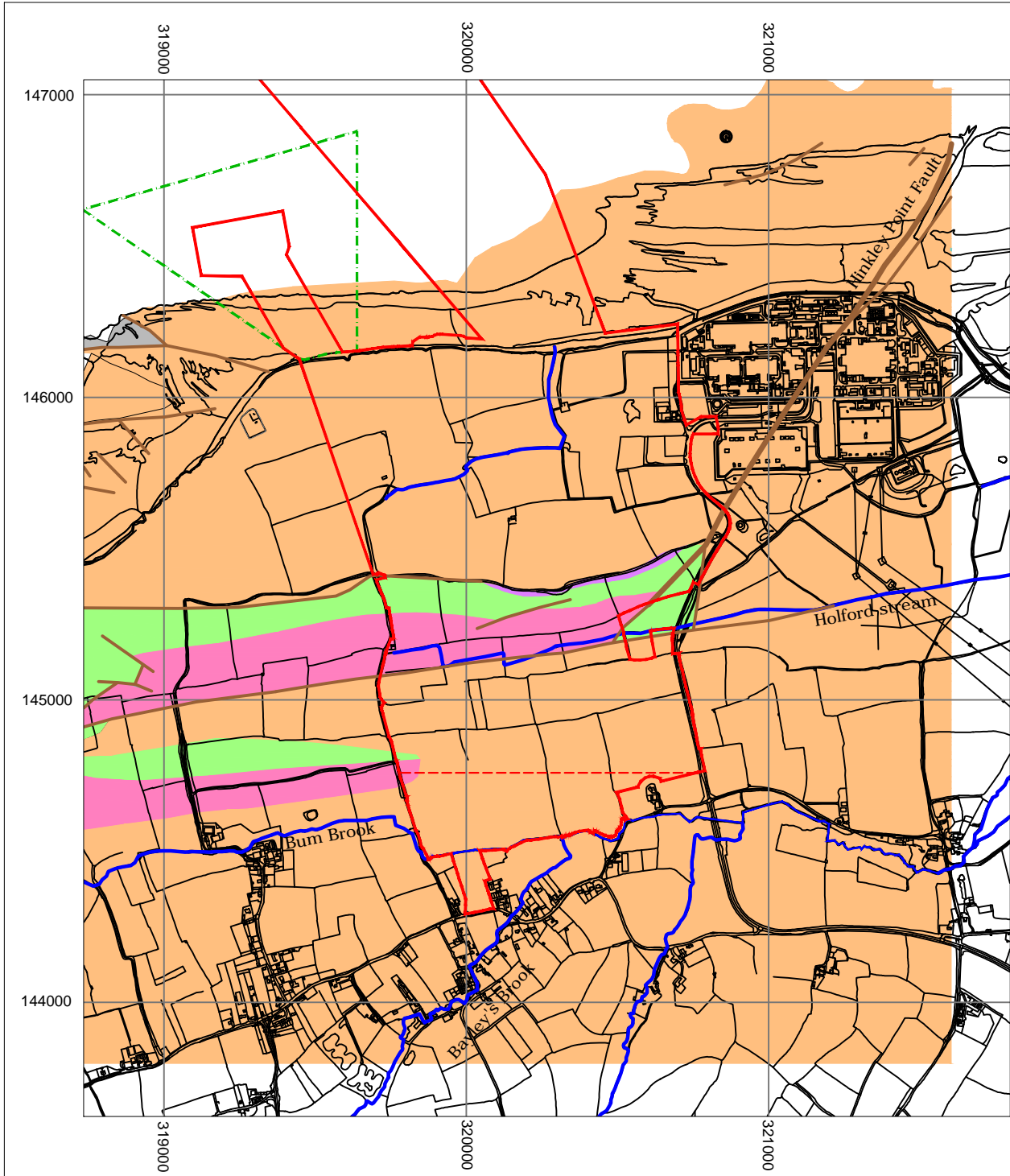


DOCUMENT:
**HINKLEY POINT C PROJECT
 ENVIRONMENTAL STATEMENT
 VOLUME 2 CHAPTER 15**

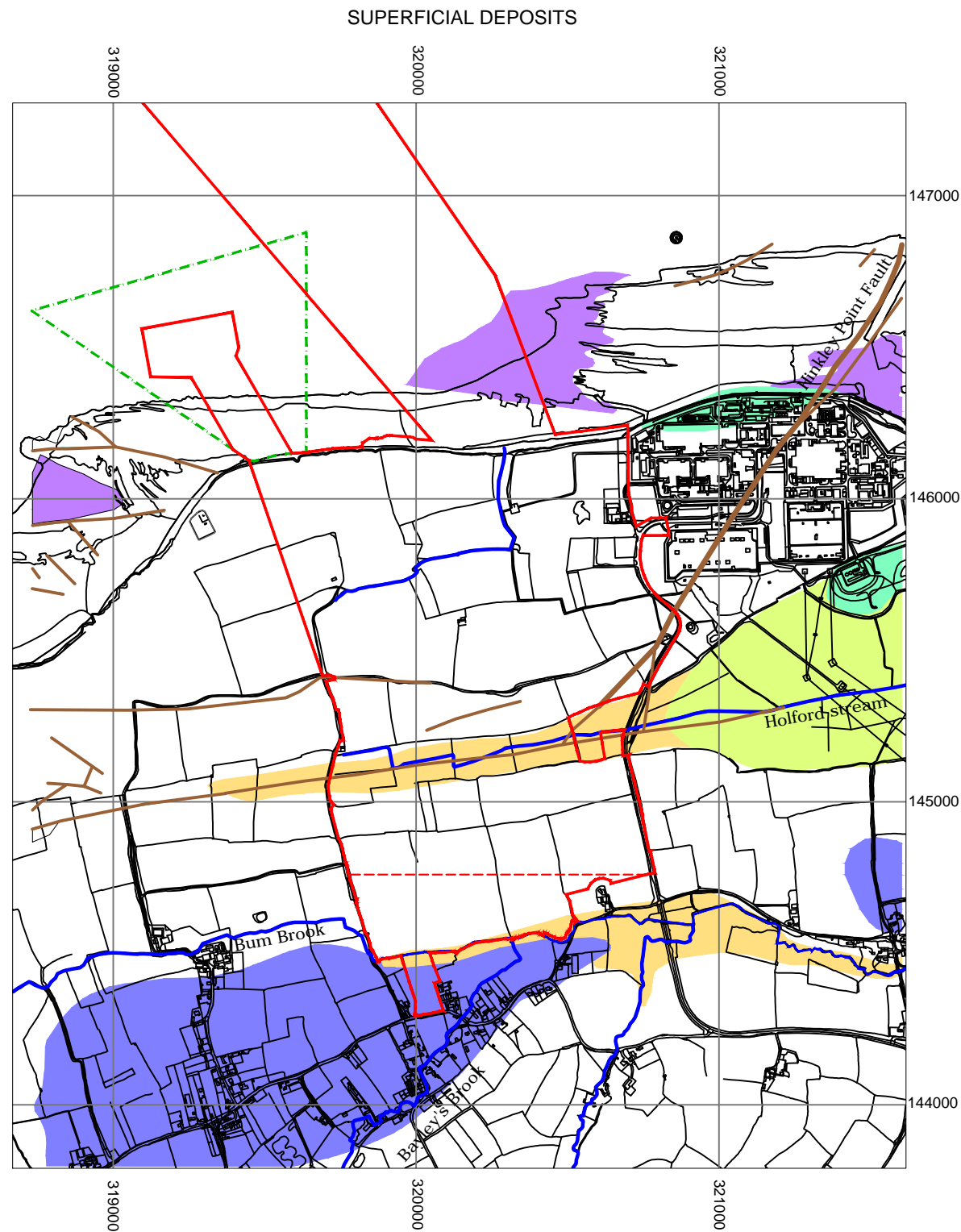
FIGURE TITLE:
**GENERAL TOPOGRAPHICAL MAP OF
 HINKLEY POINT AREA**

FIGURE NO: FIGURE 15.3	REVISION: 01
DATE: SEPT 2011	DRAWN: C.Y
	SCALE: 1:10,000@A3



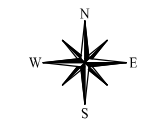


BEDROCK



SUPERFICIAL DEPOSITS

- KEY**
- HINKLEY POINT C DEVELOPMENT SITE BOUNDARY
 - TEMPORARY JETTY HARBOUR LIMITS
- BEDROCK**
- LANGPORT MEMBER, BLUE LIAS FORMATION AND CHARMOUTH MUDSTONE FORMATION (UNDIFFERENTIATED)
 - LANGPORT MEMBER, AND BLUE LIAS FORMATION (UNDIFFERENTIATED)
 - BLUE ANCHOR FORMATION
 - MERCIA MUDSTONE GROUP
 - WESTBURY FORMATION AND COTHAM MEMBER (UNDIFFERENTIATED)
- SUPERFICIAL**
- BEACH AND TIDAL FLAT DEPOSITS (UNDIFFERENTIATED)
 - TIDAL FLAT DEPOSITS
 - ALLUVIUM
 - HEAD
- ARTIFICIAL**
- MAN MADE
 - SOUTHERN LIMIT OF PRELIMINARY WORKS ACTIVITY
 - FAULT LINES
 - HINKLEY POINT FAULT
 - MAIN SURFACE WATERCOURSE



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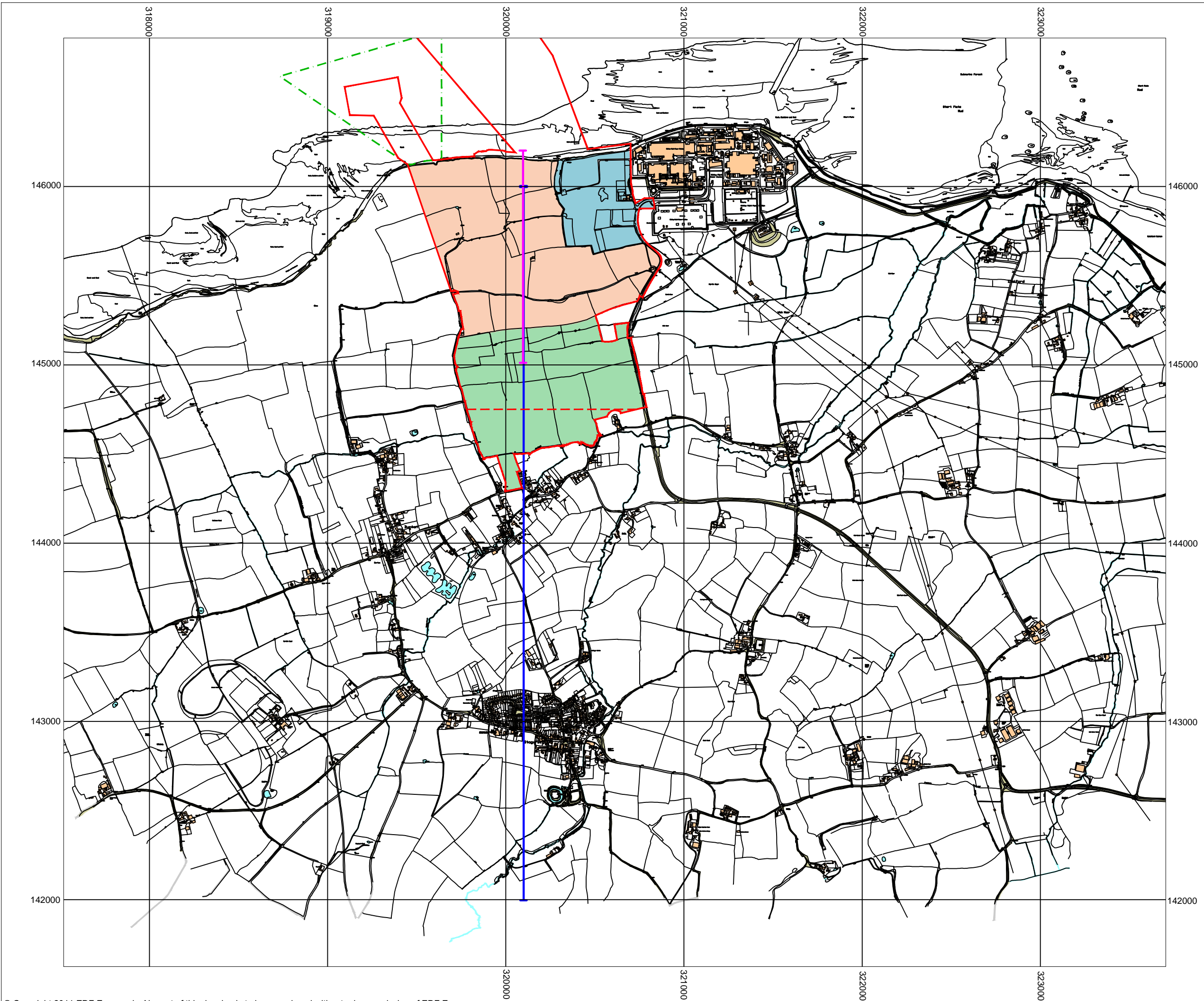
DOCUMENT:
HINKLEY POINT C PROJECT ENVIRONMENTAL STATEMENT VOLUME 2 CHAPTER 15

FIGURE TITLE:
PLAN SHOWING GEOLOGICAL MAP OF HINKLEY POINT AND SURROUNDS

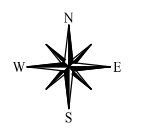
FIGURE NO: **FIGURE 15.4** REVISION: **01**

DATE: **SEPT 2011** DRAWN: **C.Y** SCALE: **1:20,000@A3**





- KEY**
- HINKLEY POINT C DEVELOPMENT SITE BOUNDARY
 - TEMPORARY JETTY HARBOUR LIMITS
 - BUILDING
 - BUILT DEVELOPMENT AREA WEST
 - BUILT DEVELOPMENT AREA EAST
 - SOUTHERN CONSTRUCTION PHASE AREA
 - SOUTHERN LIMIT OF MAIN CONSTRUCTION ACTIVITY
 - LINE OF SECTION PRESENT IN FIGURE 15.6
 - LINE OF SECTION PRESENT IN FIGURE 15.7



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DOCUMENT:
HINKLEY POINT C PROJECT ENVIRONMENTAL STATEMENT VOLUME 2 CHAPTER 15

FIGURE TITLE:
TRANSECT LOCATION PLAN

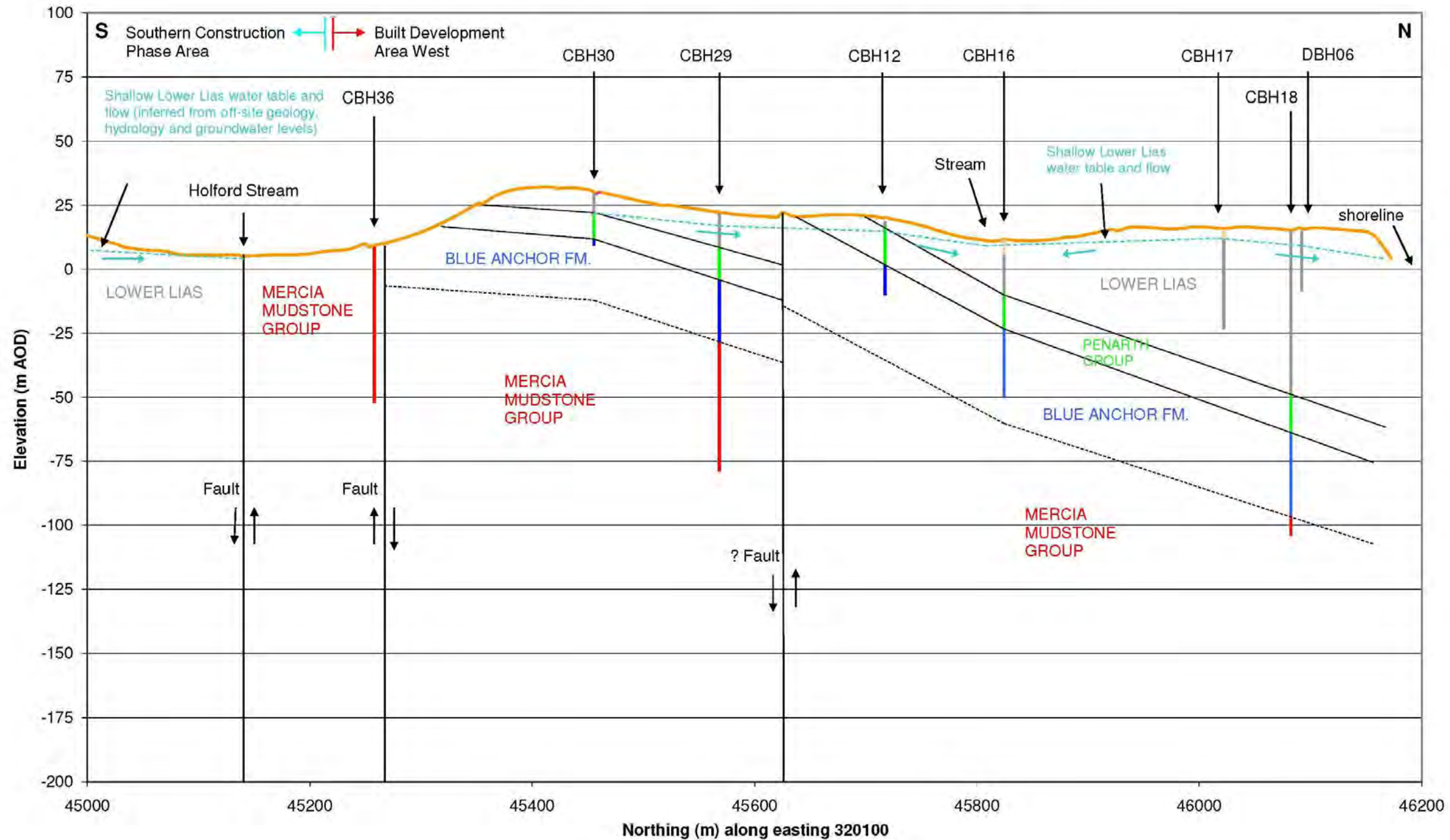
FIGURE NO: FIGURE 15.5	REVISION: 01
DATE: SEPT 2011	DRAWN: SCALE: C.Y 1:20,000@A3



KEY
SEE DETAIL WITHIN FIGURE

BOREHOLE DRILL DATES
 CBH12 12 - 28 AUGUST 2008
 CBH16 2 - 10 SEPTEMBER 2008
 CBH17 10 - 11 SEPTEMBER 2008
 CBH18 18 SEPTEMBER - 24 OCTOBER 2008
 CBH29 5 AUGUST - 10 SEPTEMBER 2008
 CBH30 13 - 15 AUGUST 2008
 CBH36 4 - 7 AUGUST 2008
 DBH06 9 SEPTEMBER 2008

Cross section S-N through Hinkley Point C site along easting 320100



DOCUMENT:
**HINKLEY POINT C PROJECT
 ENVIRONMENTAL STATEMENT
 VOLUME 2 CHAPTER 15**

FIGURE TITLE:
**CROSS SECTION S-N THROUGH
 HINKLEY POINT C ALONG EASTING
 320100**

FIGURE NO: **FIGURE 15.6** REVISION: **01**

DATE: **SEPT 2011** DRAWN: **C.Y** SCALE: **AS SHOWN**

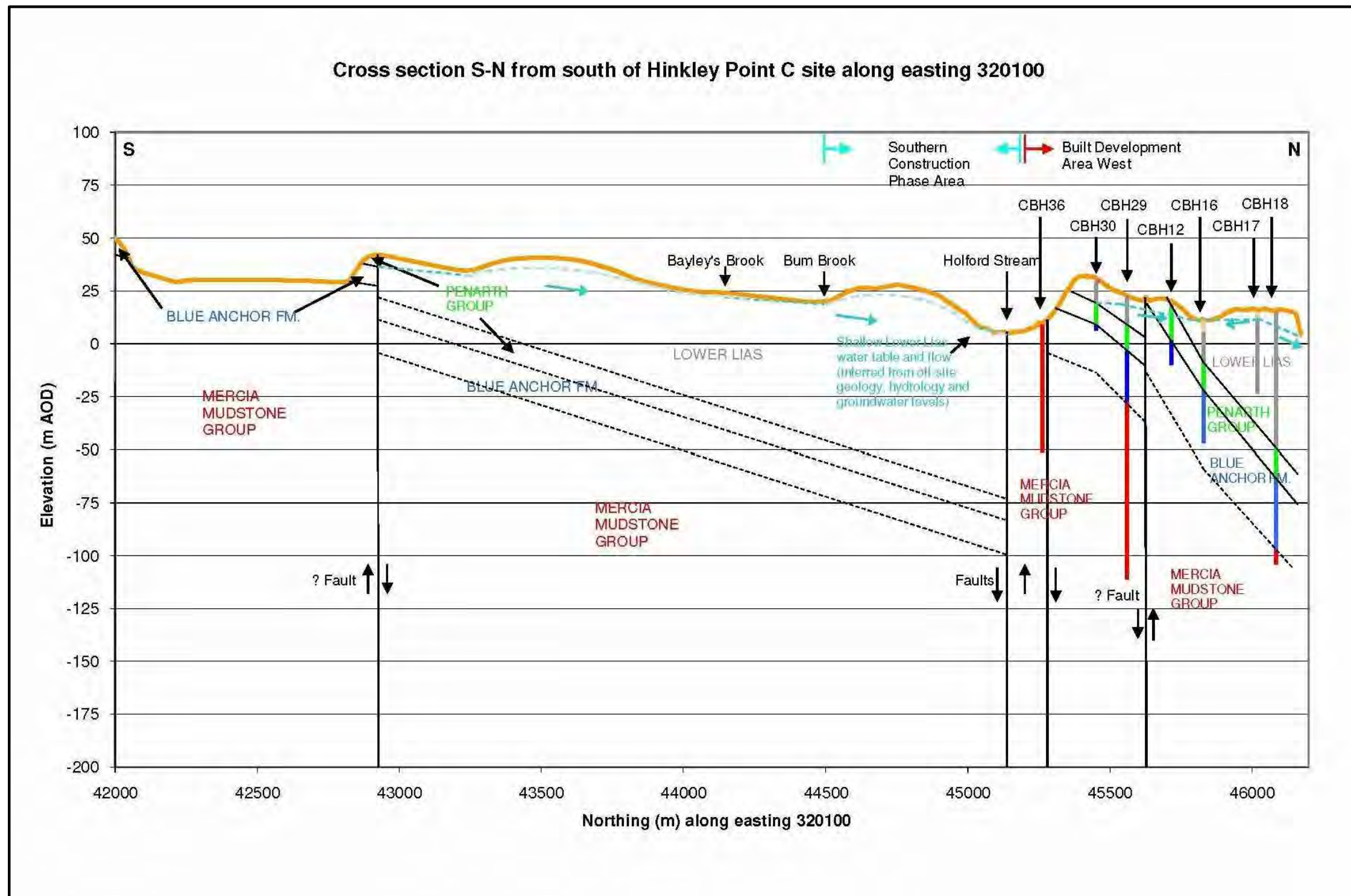
SCALE BAR

KEY

SEE DETAIL WITHIN FIGURE

BOREHOLE DRILL DATES

CBH12	12 - 28 AUGUST 2008
CBH16	2 - 10 SEPTEMBER 2008
CBH17	10 - 11 SEPTEMBER 2008
CBH18	18 SEPTEMBER - 24 OCTOBER 2008
CBH29	5 AUGUST - 10 SEPTEMBER 2008
CBH30	13 - 15 AUGUST 2008
CBH36	4 - 7 AUGUST 2008



DOCUMENT:
HINKLEY POINT C PROJECT ENVIRONMENTAL STATEMENT VOLUME 2 CHAPTER 15

FIGURE TITLE:
CROSS SECTION S-N FROM SOUTH OF HINKLEY POINT C ALONG EASTING 320100

FIGURE NO: **FIGURE 15.7** REVISION: **01**

DATE: **SEPT 2011** DRAWN: **C.Y** SCALE: **AS SHOWN**

SCALE BAR

KEY

SEE NOTES WITHIN FIGURE



← THIN NODULAR LIMESTONE UNIT

← FINELY LAMINATED SHALE UNIT

← PERSISTENT LIMESTONE UNIT

← NODULAR CALCAREOUS MUDSTONE UNIT



DOCUMENT:

HINKLEY POINT C PROJECT
ENVIRONMENTAL STATEMENT
VOLUME 2 CHAPTER 15

FIGURE TITLE:

PHOTOGRAPH OF BLUE LIAS
FORMATION ON FORESHORE AT
HINKLEY POINT

FIGURE NO:
FIGURE 15.8

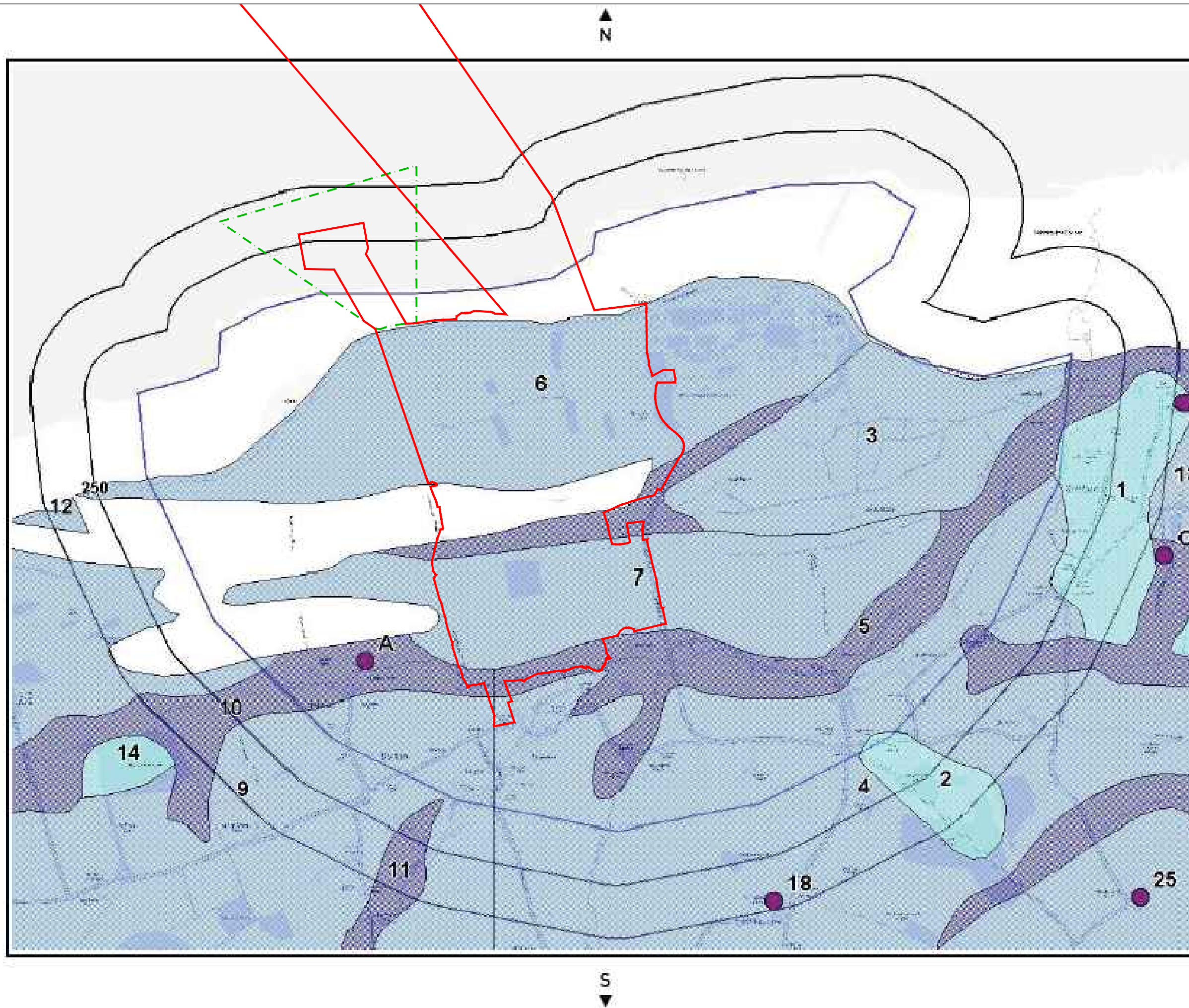
REVISION:
01

DATE:
SEPT 2011

DRAWN:
C.Y

SCALE:
NTS

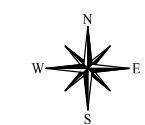
SCALE BAR



KEY

- HINKLEY POINT C DEVELOPMENT SITE BOUNDARY
- TEMPORARY JETTY SEAWARD HARBOUR LIMITS
- MINOR AQUIFER-LOW LEACHING POTENTIAL
- MINOR AQUIFER-INTERMEDIATE LEACHING POTENTIAL
- MINOR AQUIFER-HIGH LEACHING POTENTIAL

- SEARCH BUFFERS (m)
- MAIN RIVER
- GROUNDWATER ABSTRACTION LICENCE
- SURFACE WATER ABSTRACTION LICENCE



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DOCUMENT:
HINKLEY POINT C PROJECT ENVIRONMENTAL STATEMENT VOLUME 2 CHAPTER 15

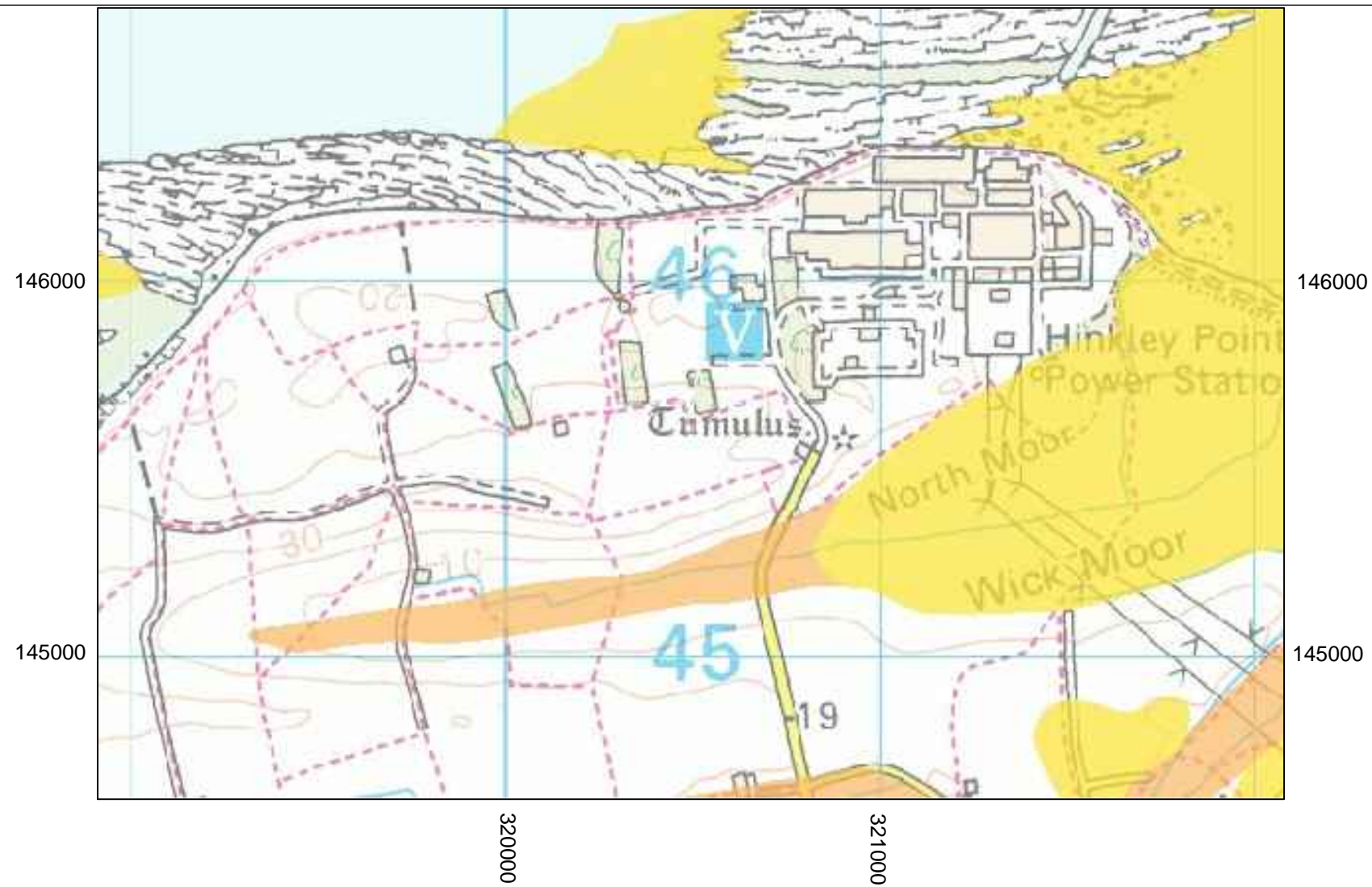
FIGURE TITLE:
GROUNDWATER VULNERABILITY DESIGNATIONS FROM GROUNDSURE REPORT

FIGURE NO: **FIGURE 15.9** REVISION: **01**

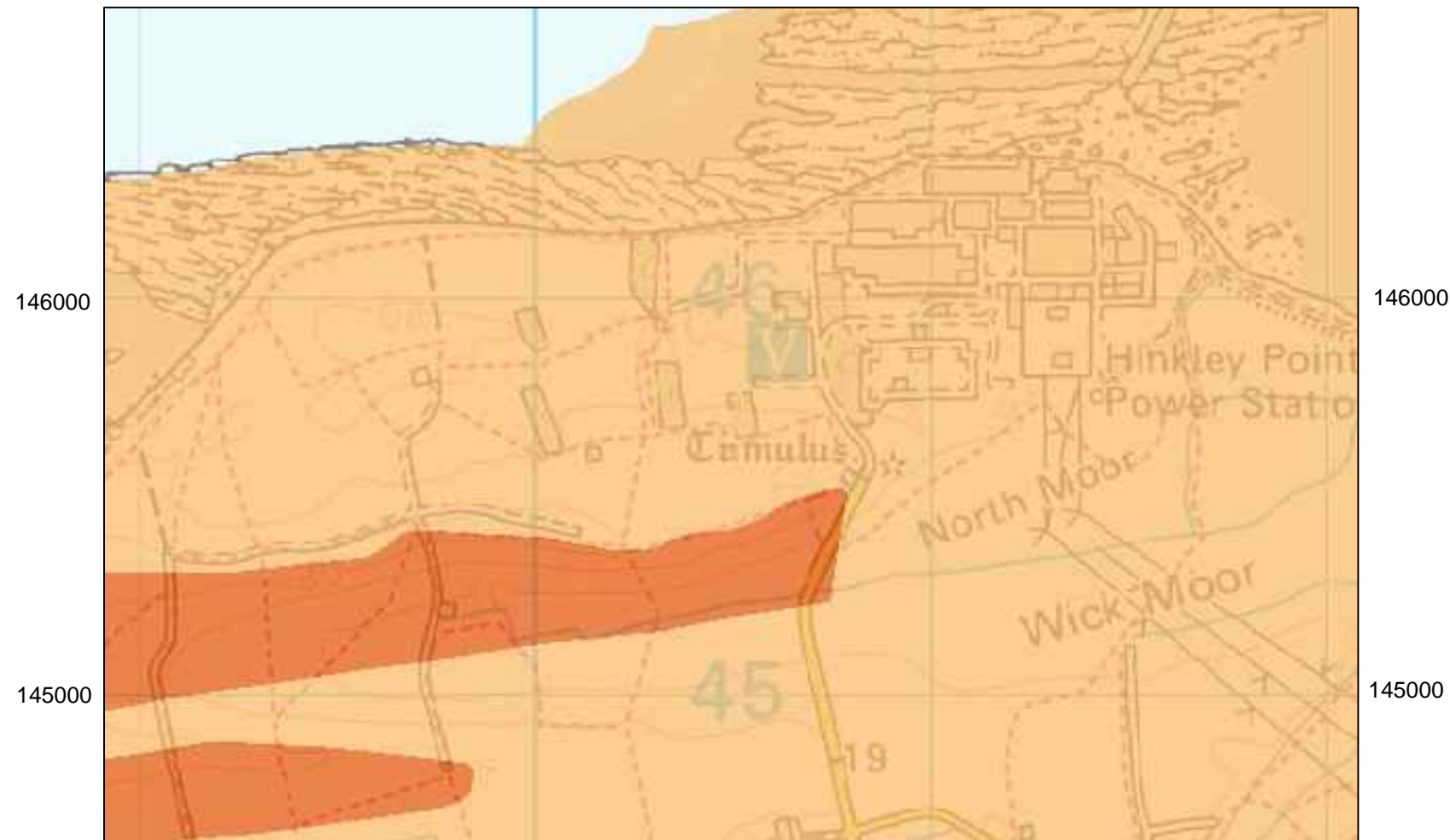
DATE: **SEPT 2011** DRAWN: **C.Y** SCALE: **NOT TO SCALE**

SCALE BAR

Superficial Deposits Designation



Bedrock Designation



KEY

SUPERFICIAL DEPOSITS DESIGNATION

- SECONDARY (UNDIFFERENTIATED)
- SECONDARY A

BEDROCK DESIGNATION

- SECONDARY A
- SECONDARY B



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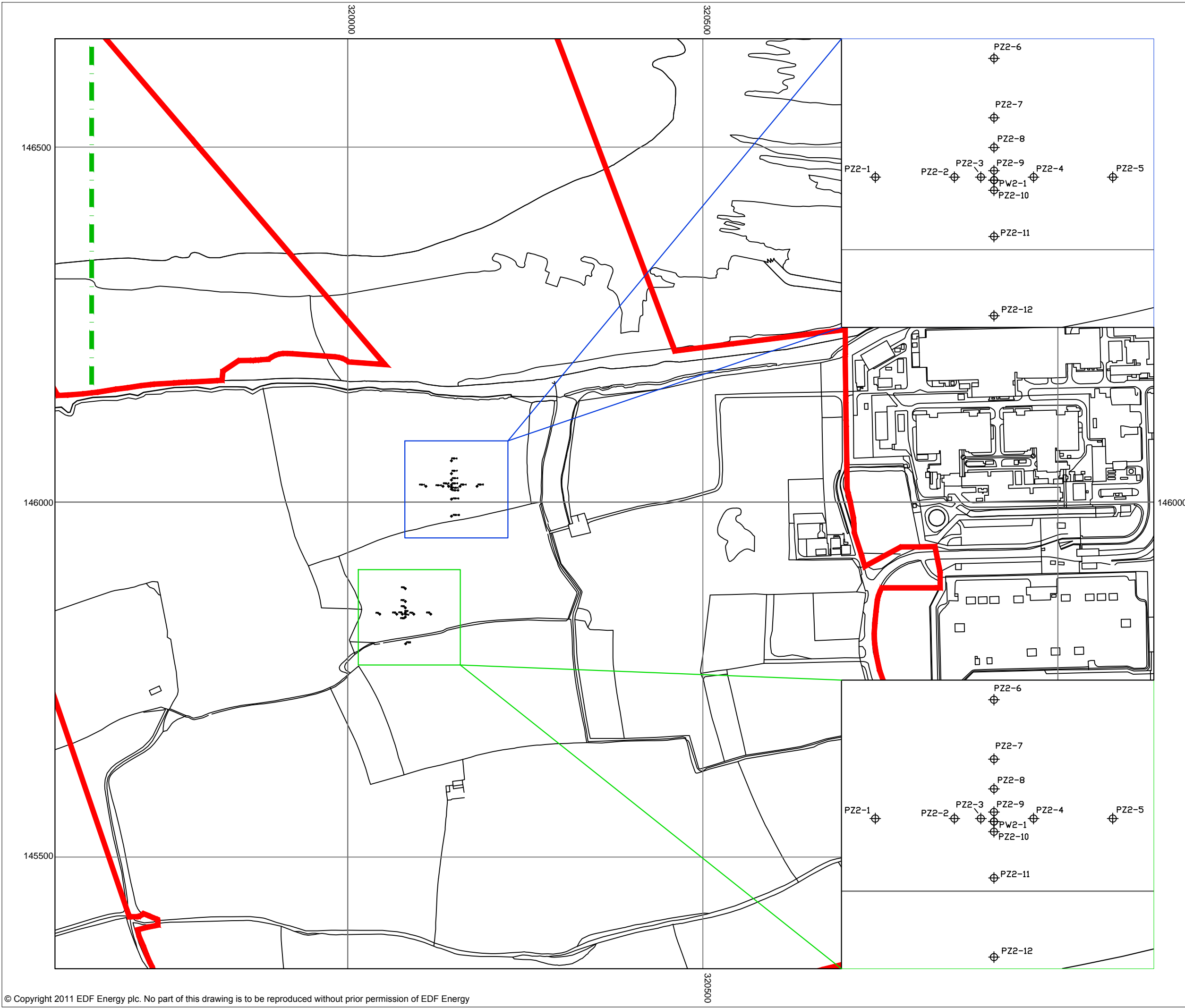
DOCUMENT:
**HINKLEY POINT C PROJECT
 ENVIRONMENTAL STATEMENT
 VOLUME 2 CHAPTER 15**

FIGURE TITLE:
**NEW AQUIFER DESIGNATIONS FOR
 SUPERFICIAL AND BEDROCK AQUIFERS**

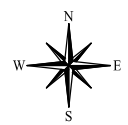
FIGURE NO: **FIGURE 15.10** REVISION: **01**

DATE: **SEPT 2011** DRAWN: **C.Y** SCALE: **AS SHOWN**





- KEY**
- HINKLEY POINT C DEVELOPMENT SITE BOUNDARY
 - TEMPORARY JETTY HARBOUR LIMITS
 - 2008 PUMPING TEST (PT1) AND CRUCIFORM OBSERVATION ARRAY
 - 2010 PUMPING TEST (PT2) AND CRUCIFORM OBSERVATION ARRAY



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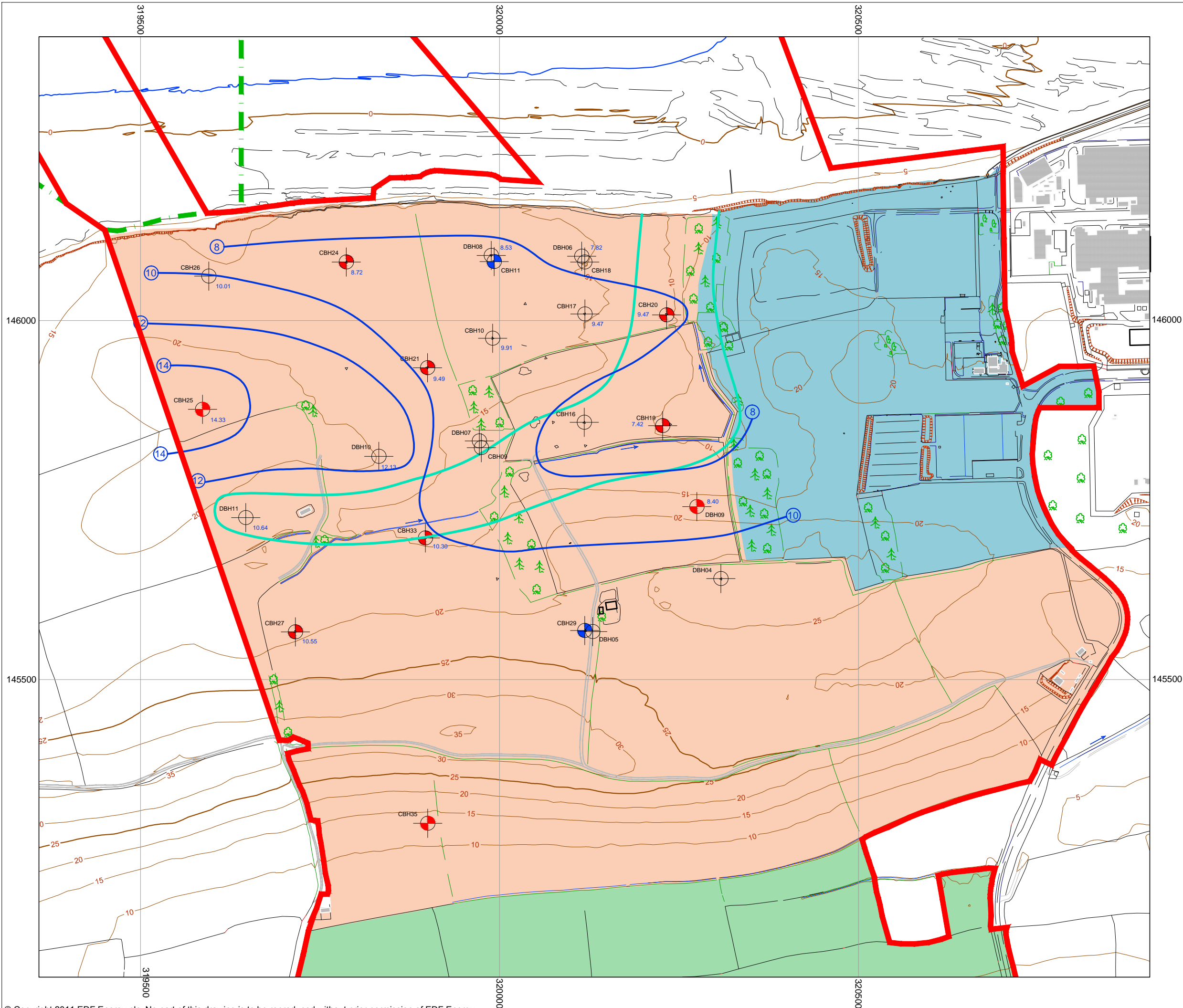
DOCUMENT:
HINKLEY POINT C PROJECT ENVIRONMENTAL STATEMENT VOLUME 2 CHAPTER 15

FIGURE TITLE:
INDICATIVE LOCATION PLAN OF 2008 AND 2010 PUMPING TEST ARRAYS

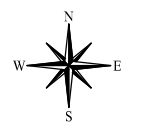
FIGURE NO: **FIGURE 15.11** REVISION: **01**

DATE: **SEPT 2011** DRAWN: **C.Y** SCALE: **1:5,000@A3**





- KEY**
- HINKLEY POINT C DEVELOPMENT SITE BOUNDARY
 - TEMPORARY JETTY HARBOUR LIMITS
 - BUILT DEVELOPMENT AREA WEST
 - BUILT DEVELOPMENT AREA EAST
 - SOUTHERN CONSTRUCTION PHASE AREA
 - 🌳 VEGETATION
 - MONITORING PIEZOMETER
 - DBH09 PIEZOMETER ID
 - 12.38 GROUNDWATER LEVEL WITHIN PIEZOMETER (mAO)
 - 'SHALLOW' PIEZOMETER INCLUDED IN SAMPLING PROGRAMME
 - 'DEEP' PIEZOMETER INCLUDED IN SAMPLING PROGRAMME
 - GROUNDWATER CONTOUR (mAO)
 - NOMINAL BOUNDARY OF SEASONAL ARTESIAN ZONE
 - ALTITUDE CONTOURS (mAO)
 - HEDGEROW
 - FENCE
 - SURFACE WATER DITCH
 - TRACK



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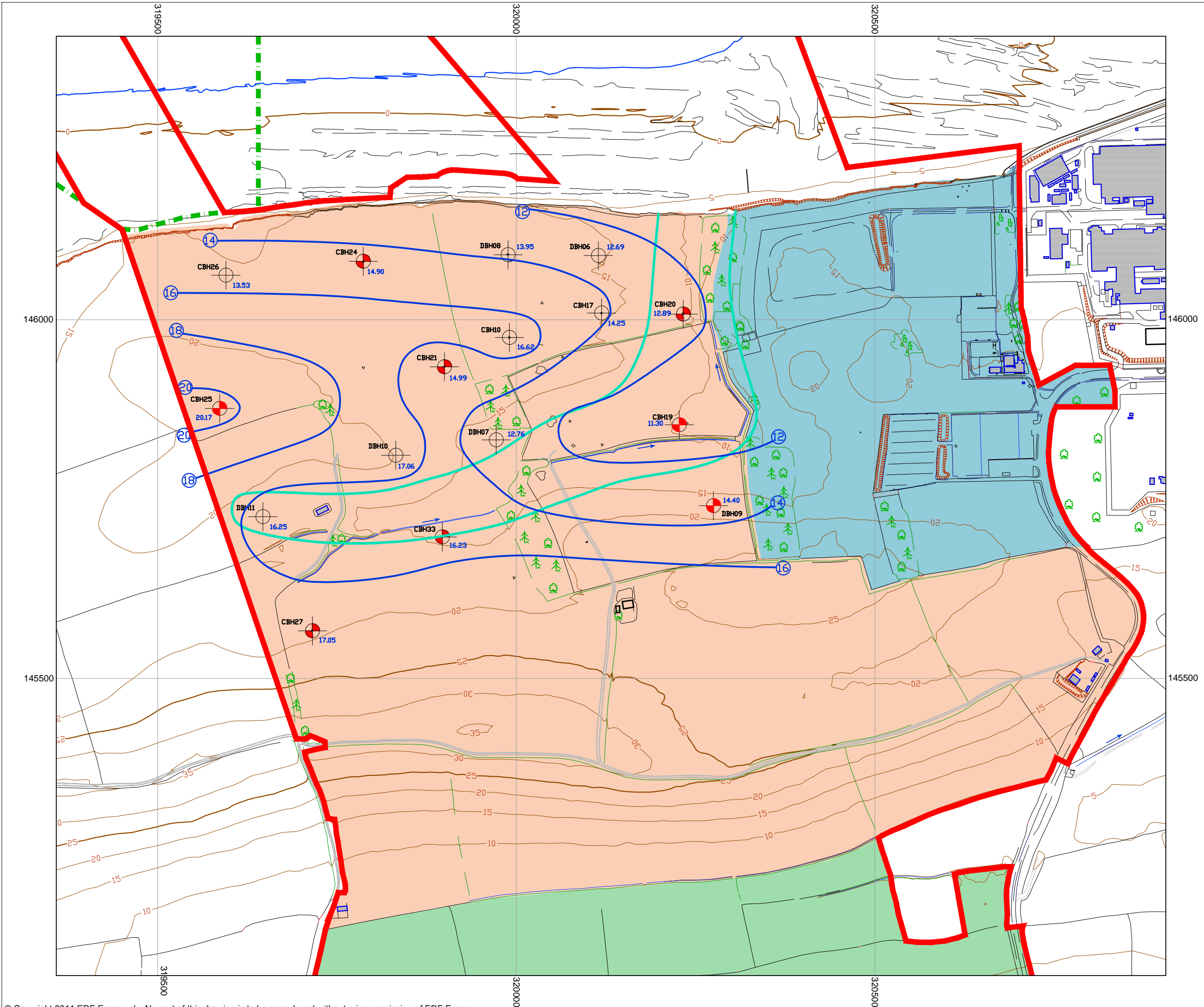
DOCUMENT:
HINKLEY POINT C PROJECT ENVIRONMENTAL STATEMENT VOLUME 2 CHAPTER 15

FIGURE TITLE:
GROUNDWATER CONTOURS ON BDAW IN 'SHALLOW' BLUE LIAS ON 01.08.10

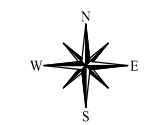
FIGURE NO: **FIGURE 15.12** REVISION: **01**

DATE: **SEPT 2011** DRAWN: **C.Y** SCALE: **1:5,000@A3**





- KEY**
- HINKLEY POINT C DEVELOPMENT SITE BOUNDARY
 - TEMPORARY JETTY HARBOUR LIMITS
 - VEGETATION
 - BUILT DEVELOPMENT AREA WEST
 - BUILT DEVELOPMENT AREA EAST
 - SOUTHERN CONSTRUCTION PHASE AREA
 - MONITORED PIEZOMETER
 - DBH09 PIEZOMETER ID
 - 12.38 GROUNDWATER LEVEL WITHIN PIEZOMETER (mAOD)
 - 'SHALLOW' PIEZOMETER INCLUDED IN SAMPLING PROGRAMME
 - GROUNDWATER CONTOUR (mAOD)
 - NOMINAL BOUNDARY OF SEASONAL ARTESIAN ZONE
 - ALTITUDE CONTOURS (mAOD)
 - HEDGEROW
 - FENCE
 - SURFACE WATER DITCH
 - TRACK



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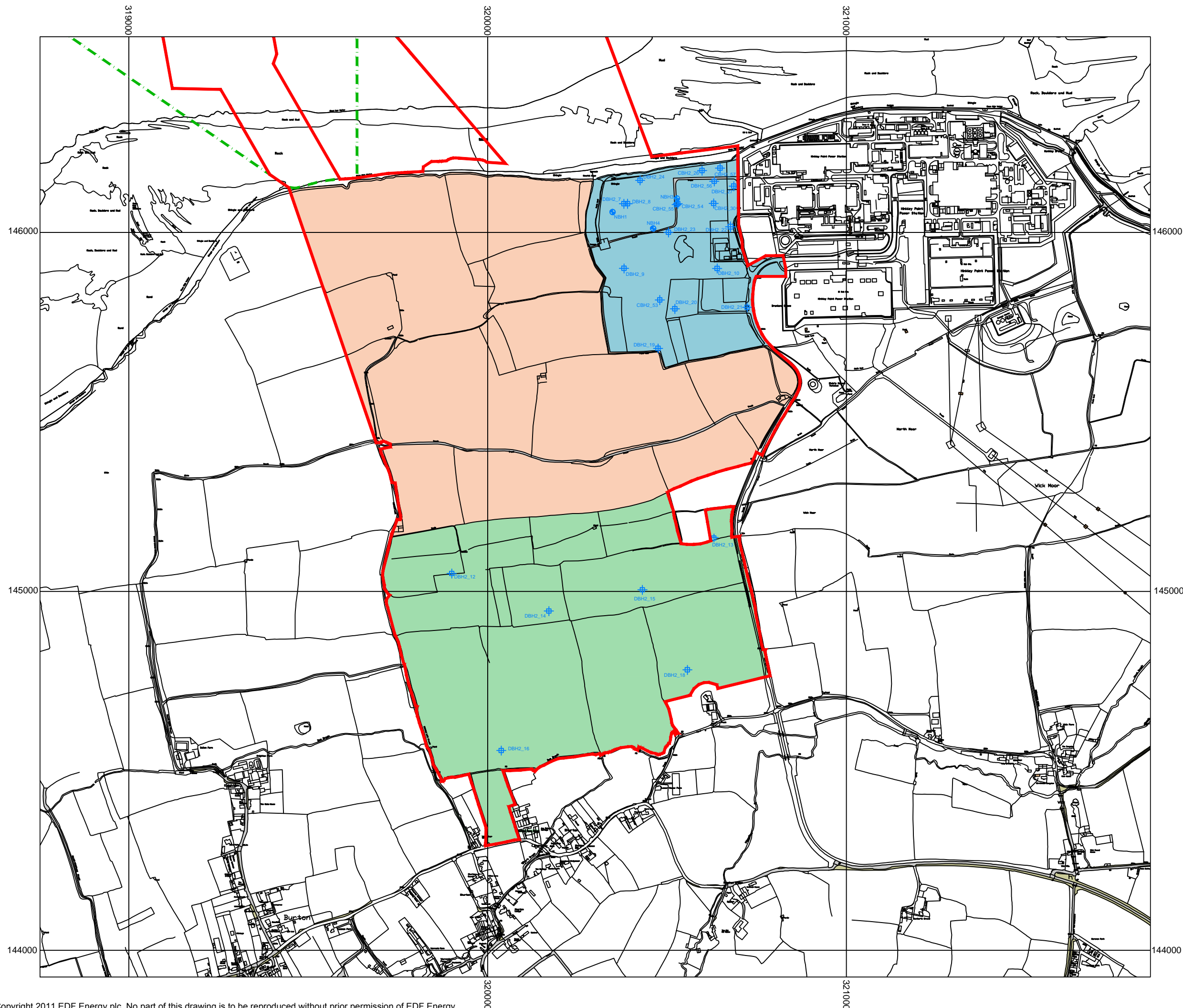


DOCUMENT:
HINKLEY POINT C PROJECT ENVIRONMENTAL STATEMENT VOLUME 2 CHAPTER 15

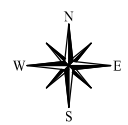
FIGURE TITLE:
GROUNDWATER CONTOURS ON BDAW IN 'SHALLOW' BLUE LIAS ON 01.12.10

FIGURE NO: **FIGURE 15.13** REVISION: **01**
 DATE: **SEPT 2011** DRAWN: **C.Y** SCALE: **1:5,000@A3**





- KEY**
- HINKLEY POINT C DEVELOPMENT SITE BOUNDARY
 - TEMPORARY JETTY HARBOUR LIMITS
 - + AMEC 'SHALLOW' GROUNDWATER MONITORING
 - BUILT DEVELOPMENT AREA WEST
 - BUILT DEVELOPMENT AREA EAST
 - SOUTHERN CONSTRUCTION PHASE AREA



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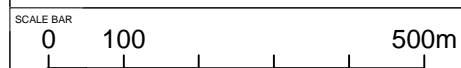


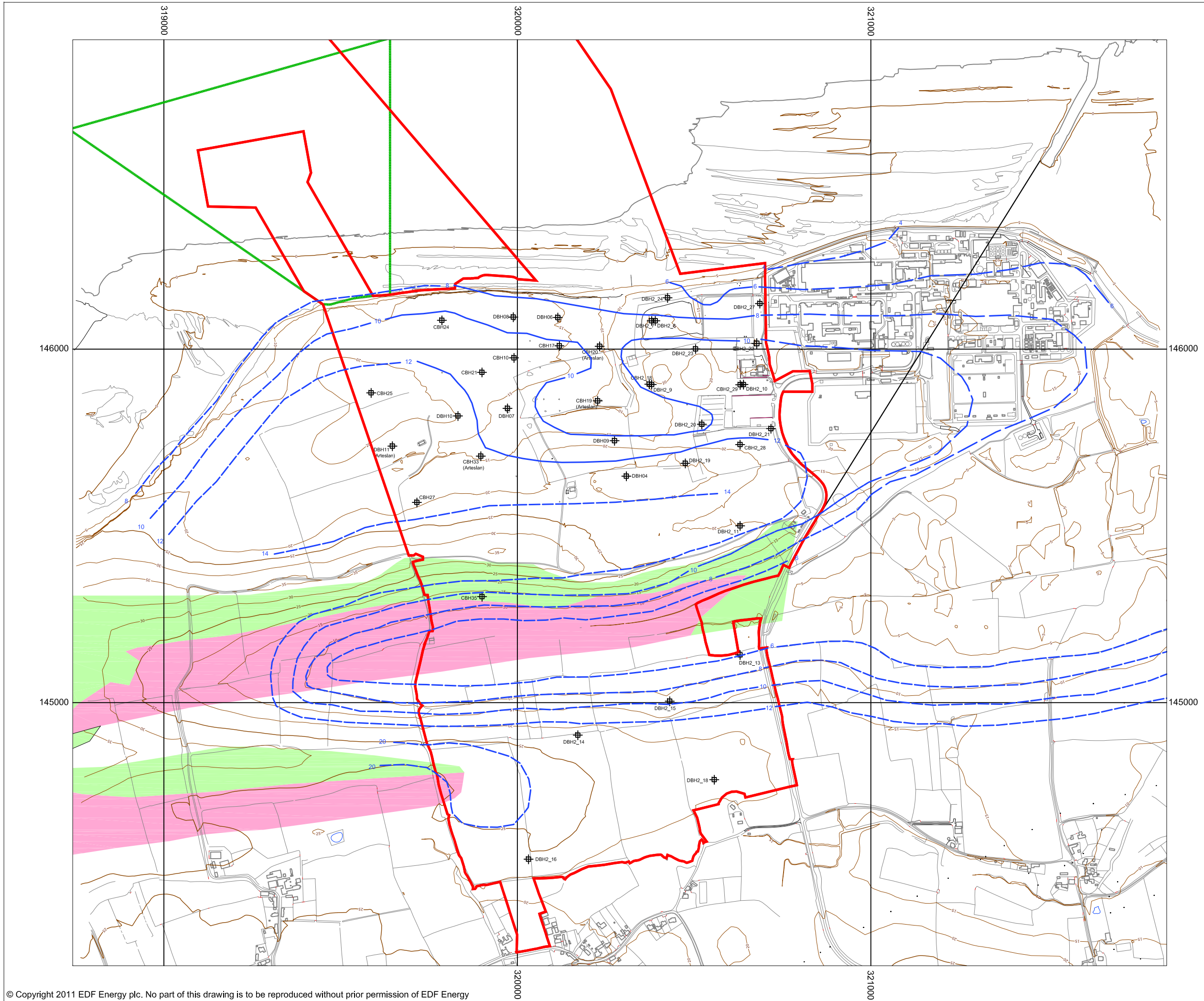
DOCUMENT:
HINKLEY POINT C PROJECT ENVIRONMENTAL STATEMENT VOLUME 2 CHAPTER 15

FIGURE TITLE:
LOCATION OF MONITORING BOREHOLES IN SOUTHERN CONSTRUCTION PHASE AREA AND BUILT DEVELOPMENT AREA EAST

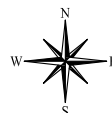
FIGURE NO: **FIGURE 15.14** REVISION: **01**

DATE: **SEPT 2011** DRAWN: **C.Y** SCALE: **1:10,000@A3**





- KEY**
- HINKLEY POINT C DEVELOPMENT SITE BOUNDARY
 - TEMPORARY JETTY HARBOUR LIMITS
 - BLUE ANCHOR FORMATION
 - MERCIA MUDSTONE GROUP
 - OBSERVED GROUNDWATER CONTOUR (BASED ON DECEMBER 2010 DATA)
 - ESTIMATED GROUNDWATER CONTOUR
 - GROUNDWATER CONTOURS INFERRED FROM LIMITED DATA
 - HINKLEY POINT FAULT
 - CONTOUR
 - MONITORING BOREHOLE
CBH21


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DOCUMENT:
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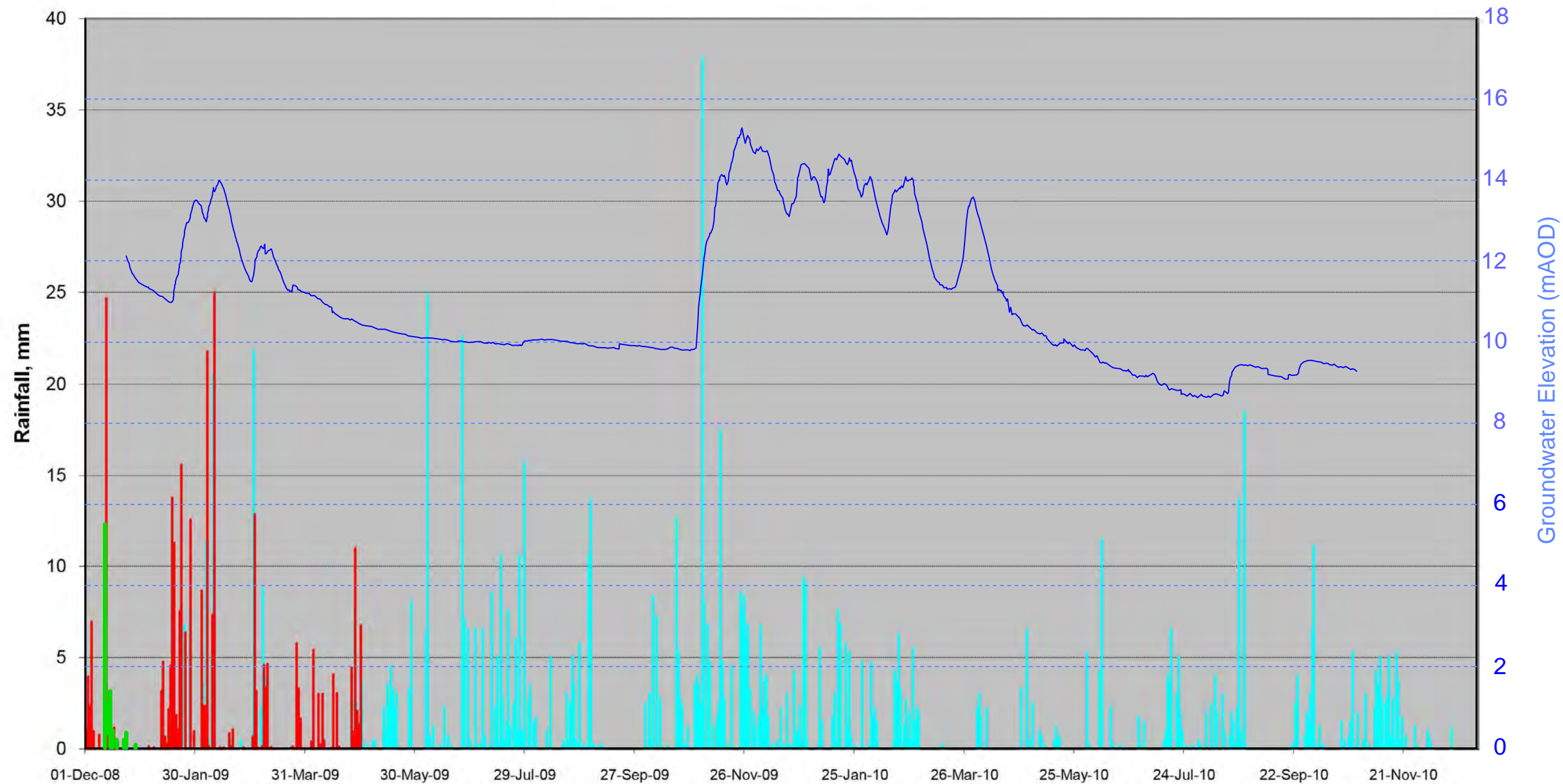
FIGURE TITLE:
MEASURED AND CONCEPTUALIZED PIEZOMETRY OF HINKLEY POINT AND SURROUNDS

FIGURE NO: FIGURE 15.15	REVISION: 01
DATE: SEPT 2011	SCALE: 1:10,000@A3
DRAWN: C.Y	



KEY

- SITE MET STATION
- BRYMORE SCHOOL
- MET OFFICE RADAR
- CBH24 HYDROGRAPH



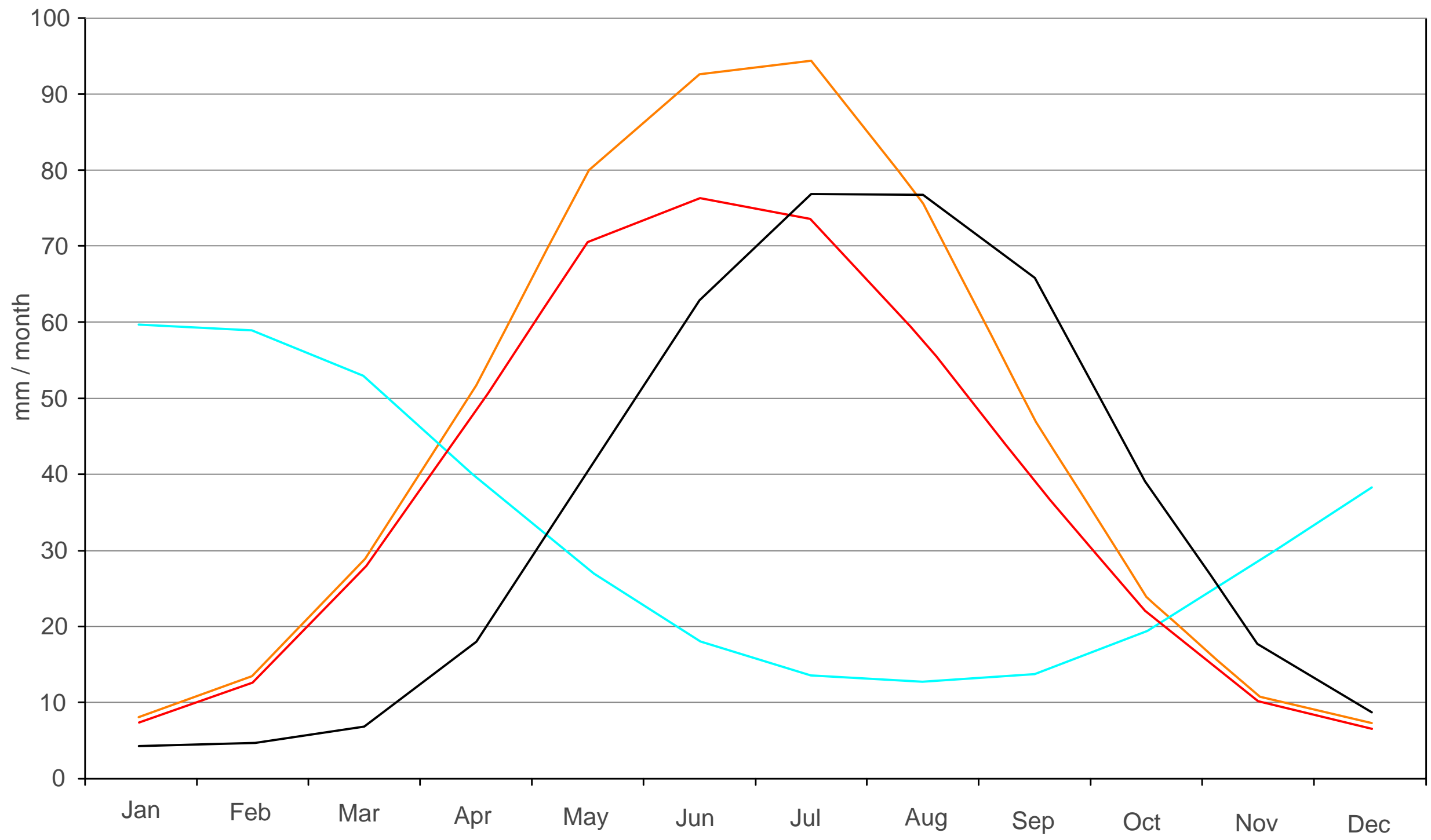
DOCUMENT:
**HINKLEY POINT C PROJECT
 ENVIRONMENTAL STATEMENT
 VOLUME 2 CHAPTER 15**

FIGURE TITLE:
**HINKLEY POINT C DAILY
 RAINFALL 2008-2010**

FIGURE NO: **FIGURE 15.16** REVISION: **01**

DATE: **SEPT 2011** DRAWN: **C.Y** SCALE: **NTS**

SCALE BAR



KEY
 — POTENTIAL EVAPOTRANSPIRATION
 — ACTUAL EVAPOTRANSPIRATION
 — EFFECTIVE PRECIPITATION
 — SOIL MOISTURE DEFICIT



DOCUMENT:
 HINKLEY POINT C PROJECT
 ENVIRONMENTAL STATEMENT
 VOLUME 2 CHAPTER 15

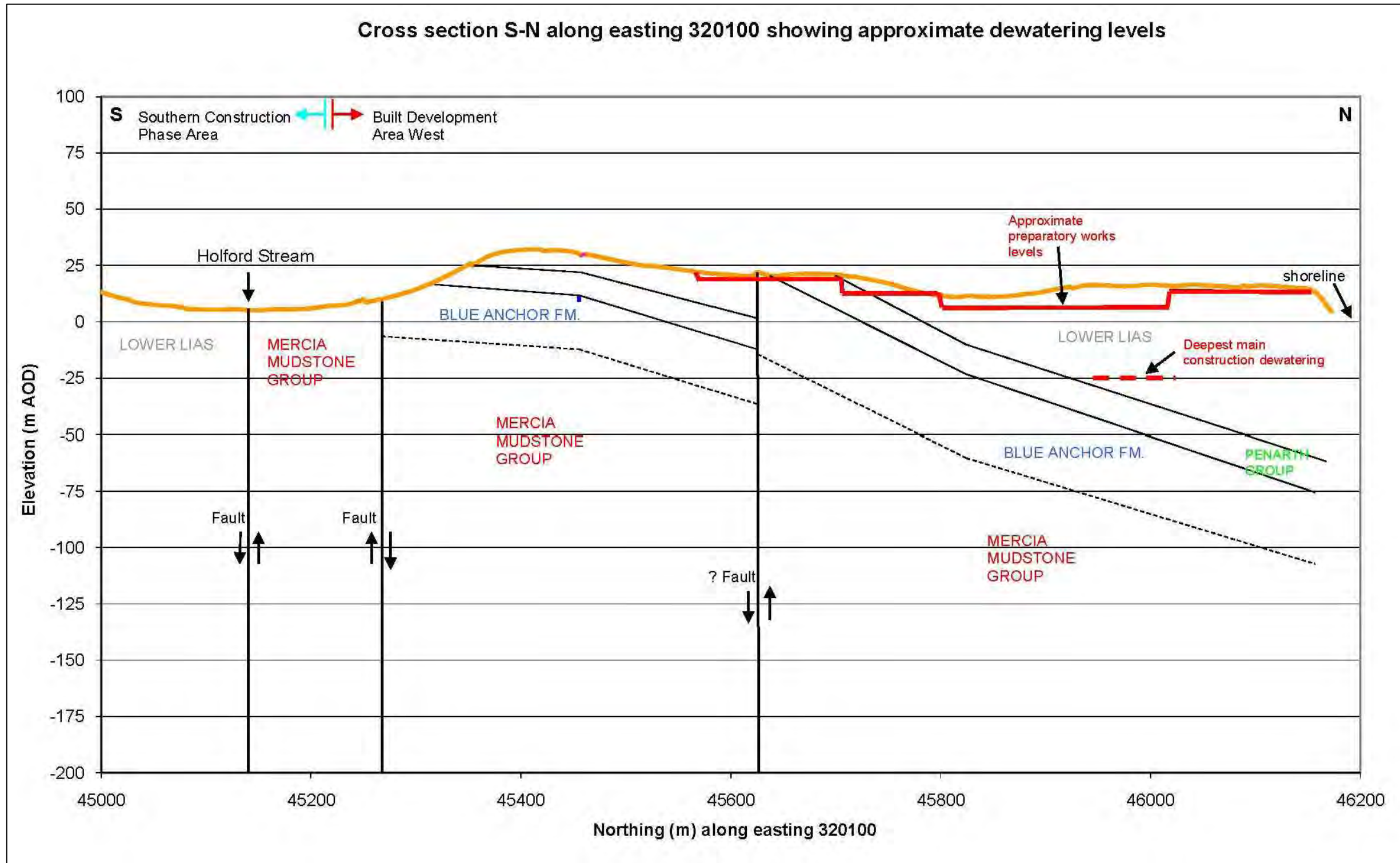
FIGURE TITLE:
 HINKLEY POINT C RAINFALL AND
 EVAPORATION 1962-2011 AVERAGES

FIGURE NO: FIGURE 15.17	REVISION: 01
DATE: SEPT 2011	DRAWN: C.Y
	SCALE: NTS

SCALE BAR

KEY

SEE KEY DETAIL WITHIN FIGURE



DOCUMENT:
**HINKLEY POINT C PROJECT
 ENVIRONMENTAL STATEMENT
 VOLUME 2 CHAPTER 15**

FIGURE TITLE:
**CROSS SECTION S-N ALONG EASTING
 320100 SHOWING APPROXIMATE
 DEWATERING LEVELS**

FIGURE NO: **FIGURE 15.18** REVISION: **01**

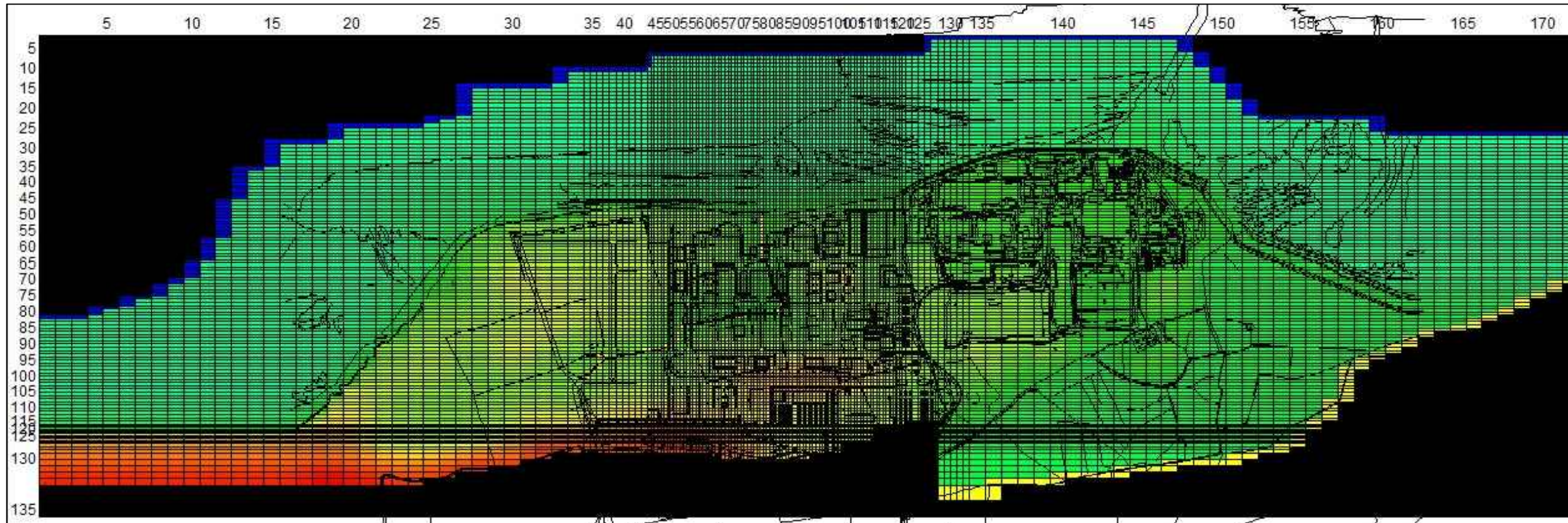
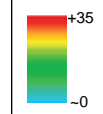
DATE: **SEPT 2011** DRAWN: **C.Y** SCALE: **SEE FIGURE**

SCALE BAR

KEY

- NO-FLOW CELLS
- FIXED HEAD BOUNDARY CELLS
- DRAIN CELLS

MODEL RELIEF IN M AOD



DOCUMENT:

HINKLEY POINT C PROJECT
ENVIRONMENTAL STATEMENT
VOLUME 2 CHAPTER 15

FIGURE TITLE:

FINITE DIFFERENCE GROUNDWATER
MODEL GRID AND SITE OVERLAY

FIGURE NO:

FIGURE 15.19

REVISION:

01

DATE:

SEPT 2011

DRAWN:

C.Y

SCALE:

NTS

SCALE BAR

KEY

- NO-FLOW CELLS
- FIXED HEAD BOUNDARY CELLS
- LAYER 1 BASE - HIGHER ELEVATION
(c. 29m AOD max)
- LAYER 1 BASE - LOWER ELEVATION
(c. -40m AOD min)



DOCUMENT:
HINKLEY POINT C PROJECT
ENVIRONMENTAL STATEMENT
VOLUME 2 CHAPTER 15






FIGURE TITLE:
BASE OF MODEL LAYER 1

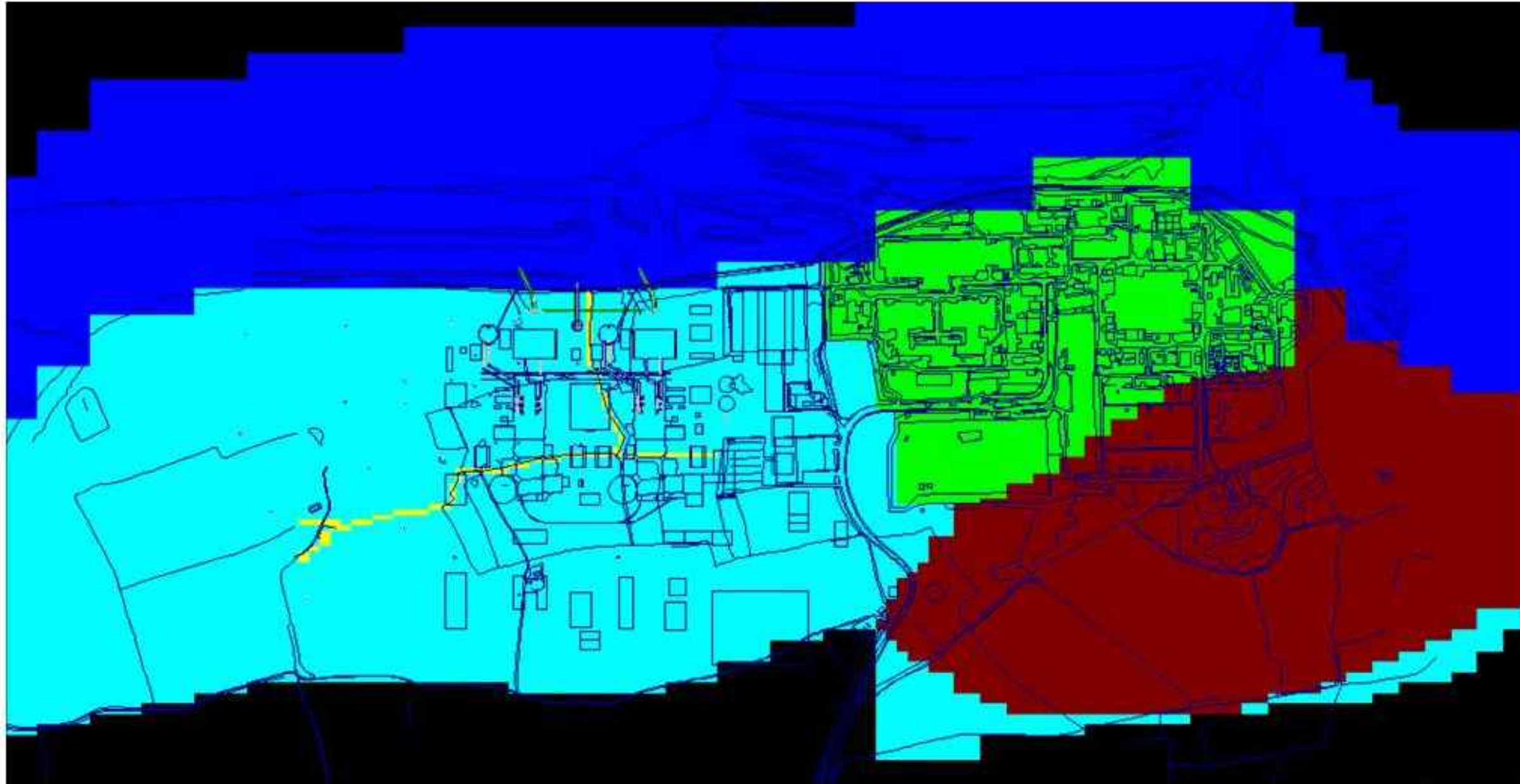
FIGURE NO: **FIGURE 15.20** REVISION: **01**

DATE: **SEPT 2011** DRAWN: **C.Y** SCALE: **NTS**

SCALE BAR

KEY

	GENERAL BLUE LIAS OUTCROP	272 mm/yr
	HINKLEY A & B	272 mm/yr
	ALLUVIAL FLOOD PLAIN	272 mm/yr
	SEA	272 mm/yr
	DRAIN CELLS	272 mm/yr



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DOCUMENT:

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ENVIRONMENTAL STATEMENT
VOLUME 2 CHAPTER 15

FIGURE TITLE:

SPATIAL DISTRIBUTION OF MODEL
RECHARGE ZONES

FIGURE NO:

FIGURE 15.21

REVISION:

01

DATE:

SEPT 2011

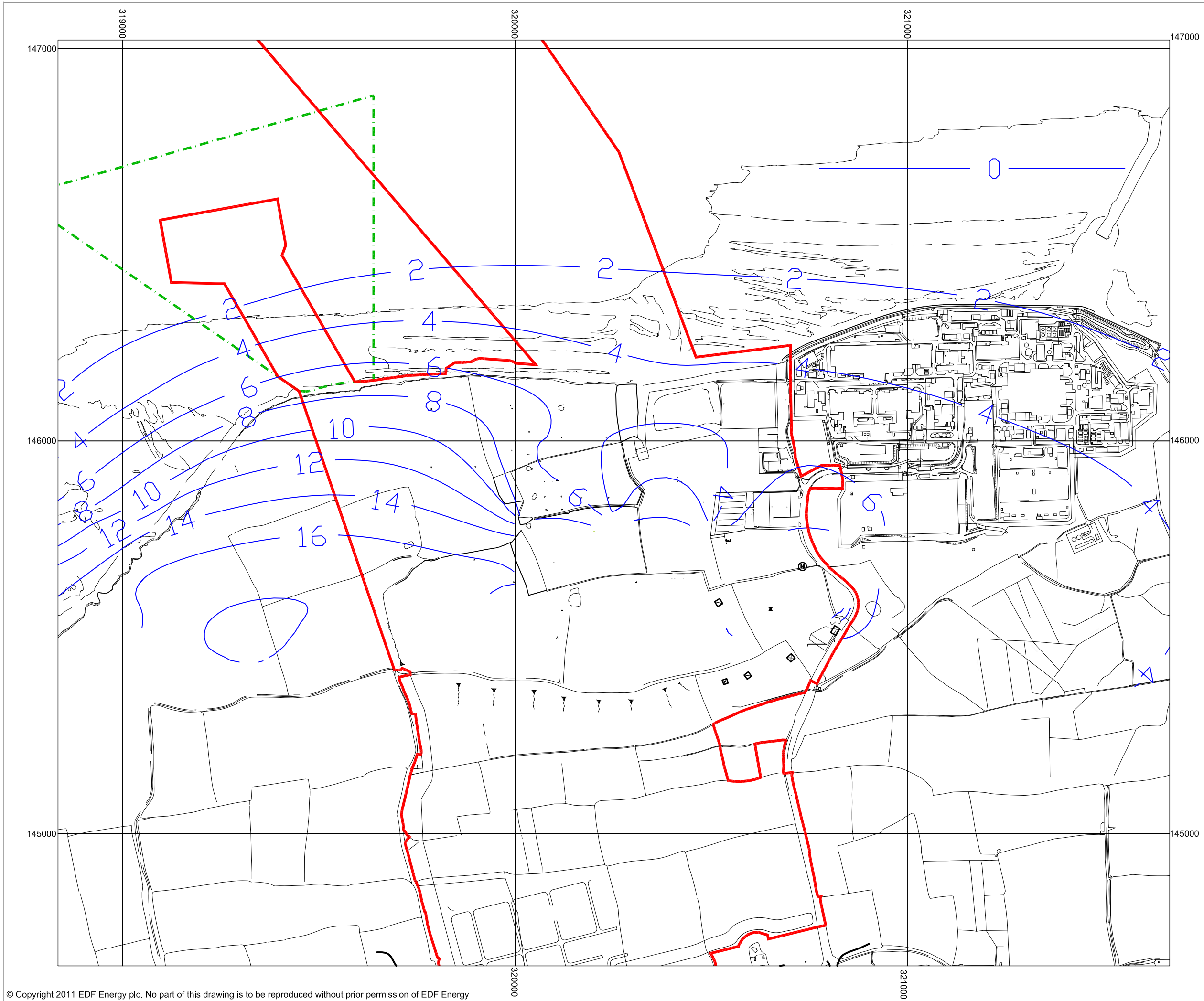
DRAWN:

C.Y

SCALE:

NTS

SCALE BAR



- KEY**
- HINKLEY POINT C DEVELOPMENT SITE BOUNDARY
 - TEMPORARY JETTY SEAWARD HARBOUR LIMITS
 - MODELLED GROUNDWATER CONTOURS (mAO)



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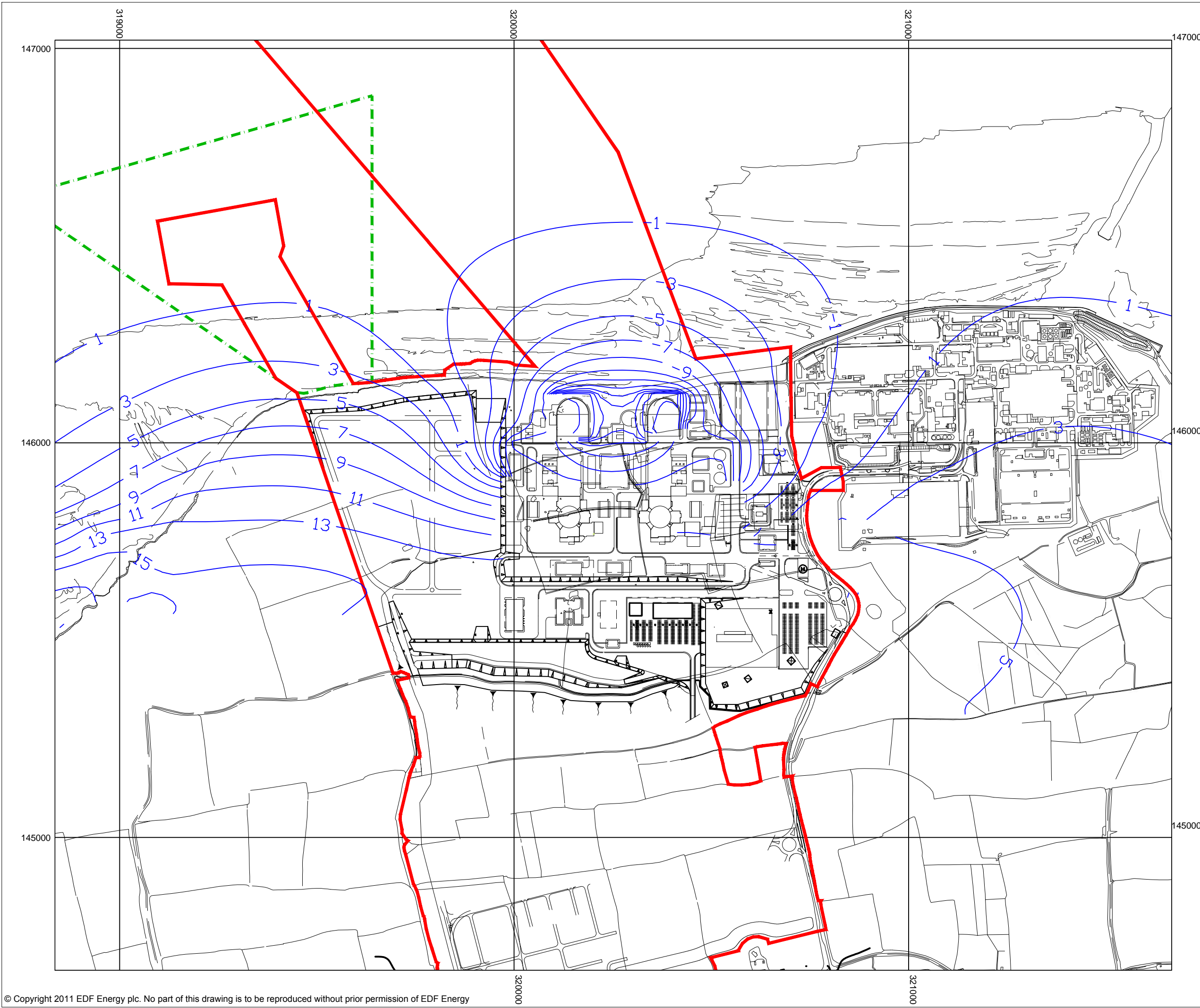


DOCUMENT:
**HINKLEY POINT C PROJECT
 ENVIRONMENTAL STATEMENT
 VOLUME 2 CHAPTER 15**

FIGURE TITLE:
**PRELIMINARY WORKS MODELLED
 GROUNDWATER CONTOURS**

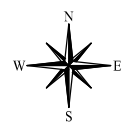
FIGURE NO: FIGURE 15.22	REVISION: 01
DATE: SEPT 2011	SCALE: 1:9,000@A3
DRAWN: C.Y	





KEY

- HINKLEY POINT C DEVELOPMENT SITE BOUNDARY
- - - TEMPORARY JETTY SEAWARD HARBOUR LIMITS
- MODELLED GROUNDWATER CONTOURS (mAO)



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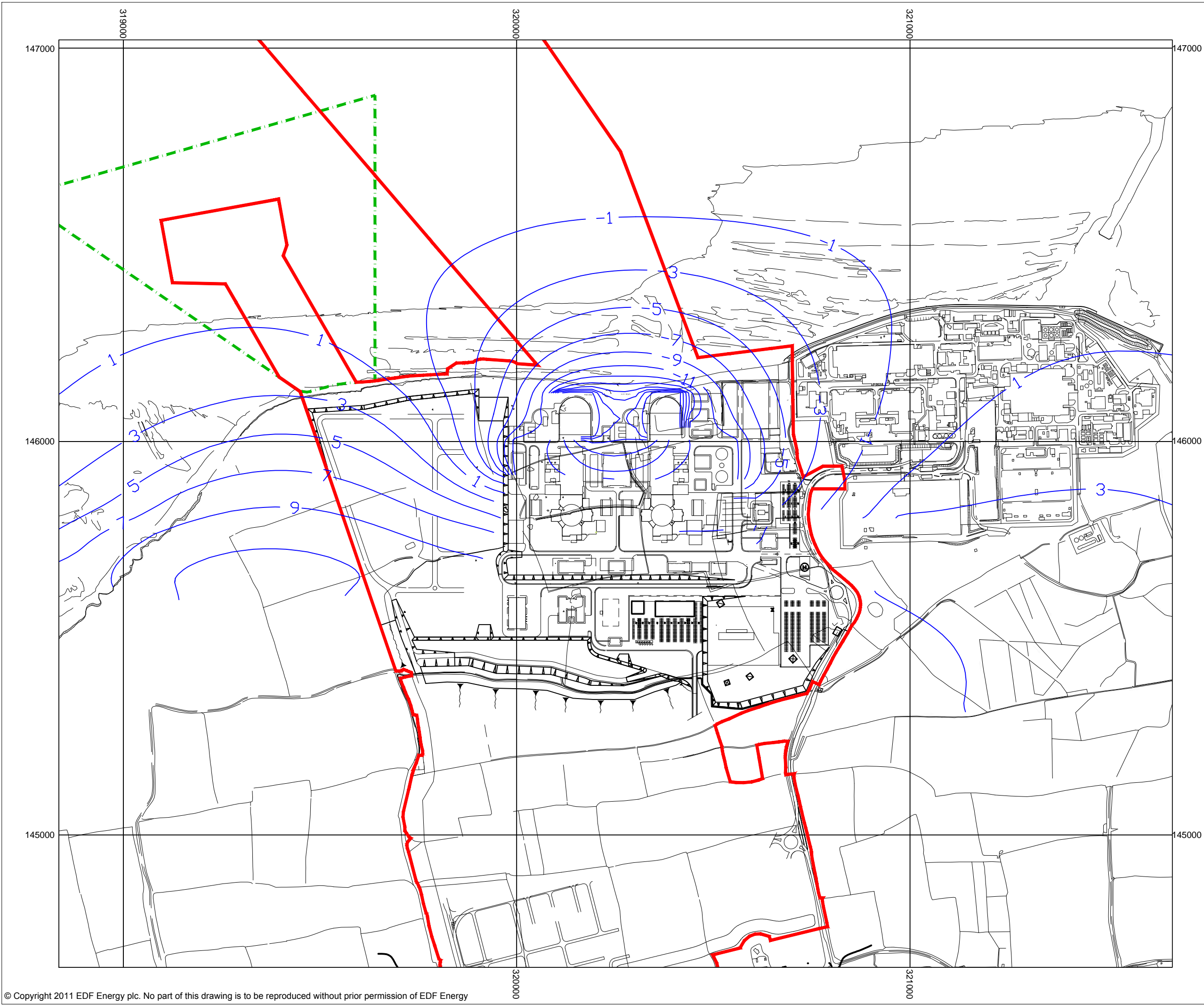
DOCUMENT:
HINKLEY POINT C PROJECT ENVIRONMENTAL STATEMENT VOLUME 2 CHAPTER 15

FIGURE TITLE:
PLAN SHOWING DEWATERING CONTOURS -25M DEWATERING-JANUARY IN THE SECOND YEAR OF SIMULATION

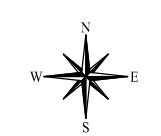
FIGURE NO: **FIGURE 15.23** REVISION: **01**

DATE: **SEPT 2011** DRAWN: **C.Y** SCALE: **1:9,000@A3**





- KEY**
- ▭ HINKLEY POINT C DEVELOPMENT SITE BOUNDARY
 - - - TEMPORARY JETTY SEAWARD HARBOUR LIMITS
 - MODELLED GROUNDWATER CONTOURS (mAOD)



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DOCUMENT:
HINKLEY POINT C PROJECT ENVIRONMENTAL STATEMENT VOLUME 2 CHAPTER 15

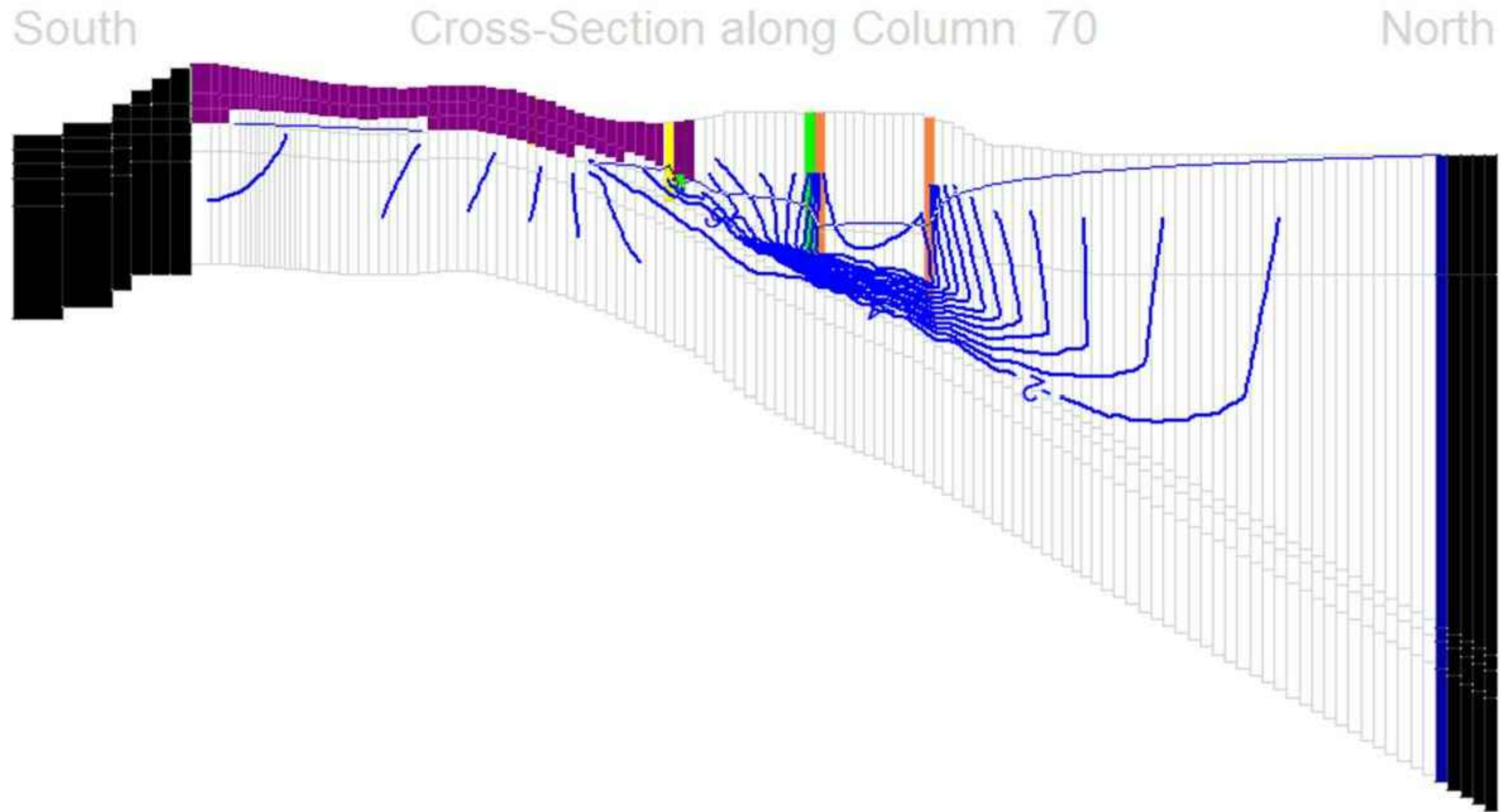
FIGURE TITLE:
PLAN SHOWING DEWATERING CONTOURS -25M DEWATERING - OCTOBER IN THE FIFTH YEAR OF SIMULATION

FIGURE NO: FIGURE 15.24	REVISION: 01
DATE: SEPT 2011	DRAWN: C.Y
SCALE: 1:9,000@A3	



KEY

- NO FLOW CELLS
- DRY CELLS
- DRAIN CELLS TO SIMULATE DEWATERING LEVELS
-
-
- GROUNDWATER LEVELS



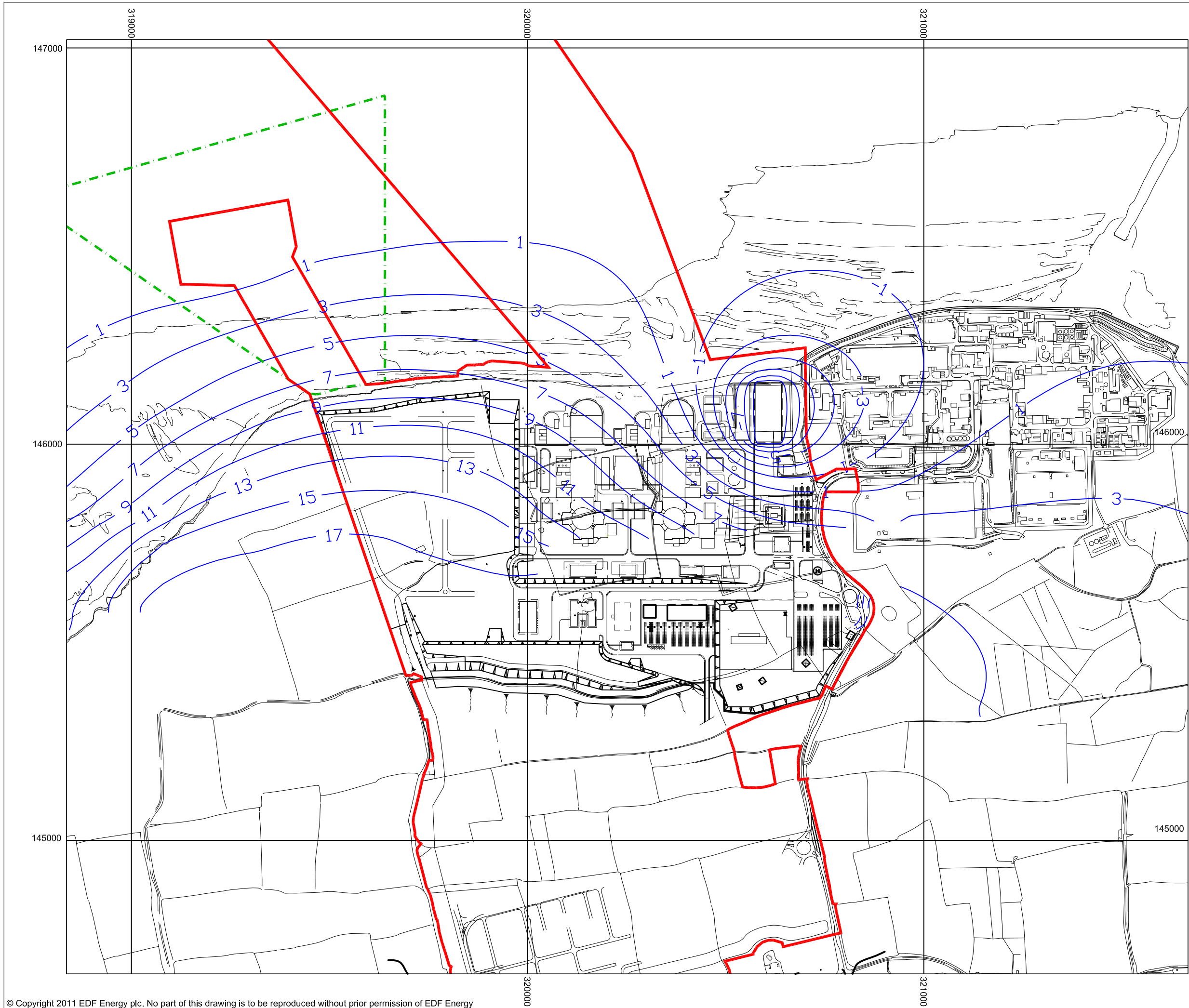
DOCUMENT:
**HINKLEY POINT C PROJECT
ENVIRONMENTAL STATEMENT
VOLUME 2 CHAPTER 15**

FIGURE TITLE:
**CROSS SECTION THROUGH MODFLOW
DEWATERING MODEL AT COLUMN
70-OCTOBER IN THE 5TH YEAR OF
SIMULATION**

FIGURE NO: **FIGURE 15.25** REVISION: **01**

DATE: **SEPT 2011** DRAWN: **C.Y** SCALE: **1:9,000@A3**

SCALE BAR



KEY

- ▭ HINKLEY POINT C DEVELOPMENT SITE BOUNDARY
- - - TEMPORARY JETTY SEAWARD HARBOUR LIMITS
- MODELLED GROUNDWATER CONTOURS (m AOD)



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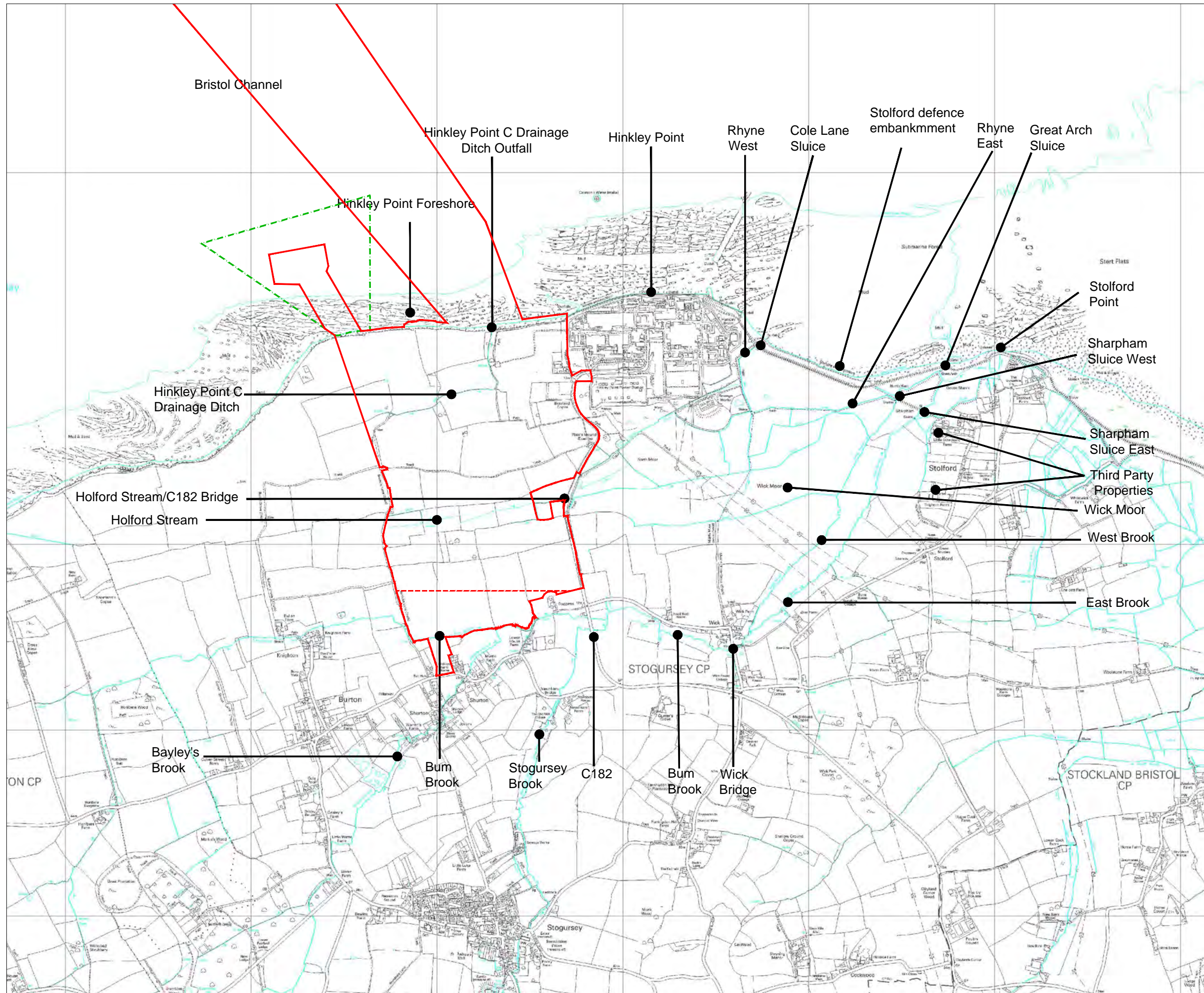


DOCUMENT:
**HINKLEY POINT C PROJECT
 ENVIRONMENTAL STATEMENT
 VOLUME 2 CHAPTER 15**

FIGURE TITLE:
**PLAN SHOWING DEWATERING CONTOURS
 AT THE END OF INTERIM SPENT
 FUEL STORE DEWATERING**

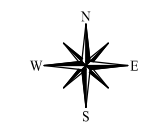
FIGURE NO: FIGURE 15.26	REVISION: 01
DATE: SEPT 2011	SCALE: 1:9,000@A3





KEY

- HINKLEY POINT C DEVELOPMENT SITE BOUNDARY
- TEMPORARY JETTY SEAWARD HARBOUR LIMITS
- SOUTHERN LIMIT OF MAIN CONSTRUCTION ACTIVITY



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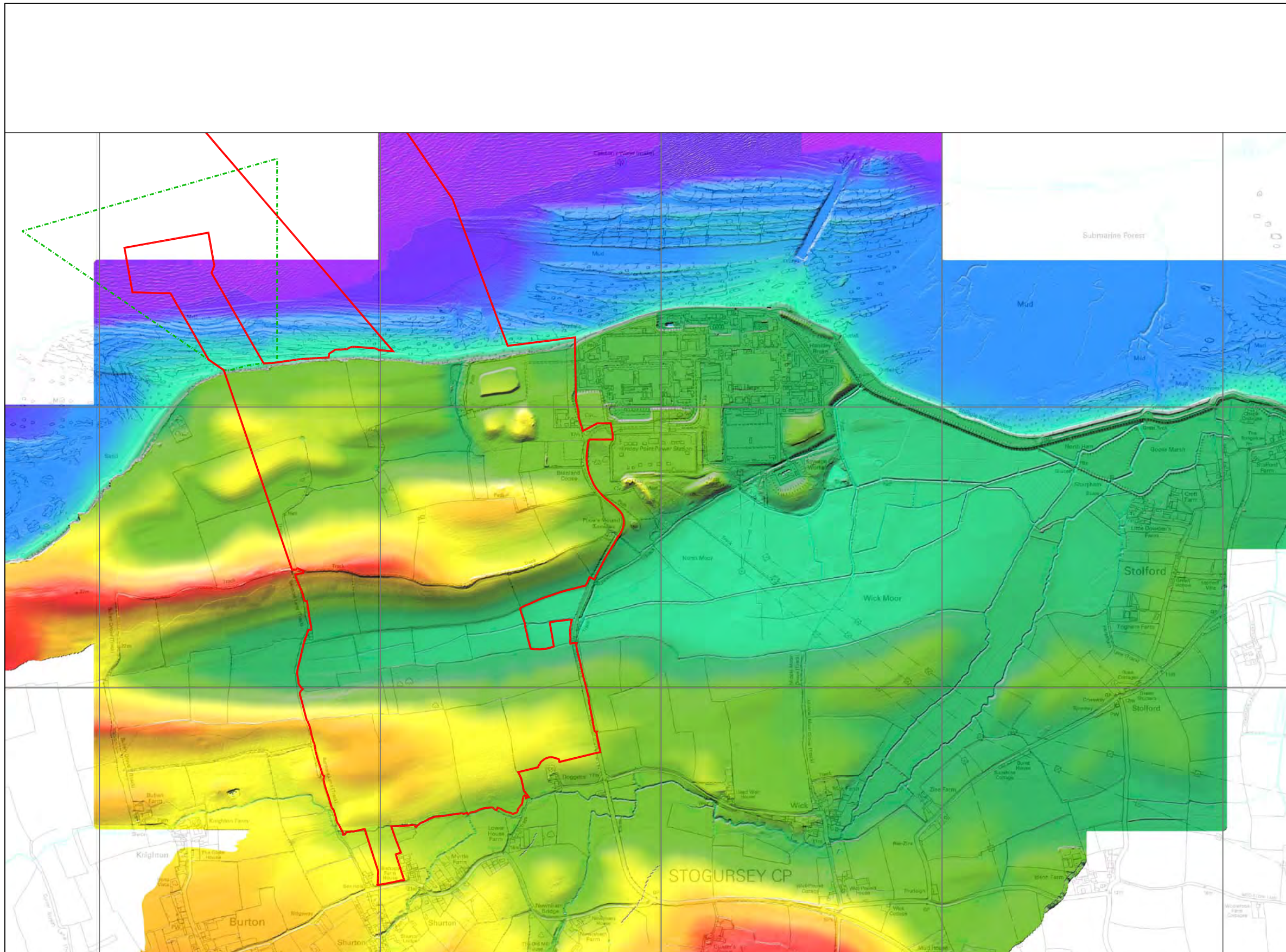
DOCUMENT:
HINKLEY POINT C PROJECT ENVIRONMENTAL STATEMENT VOLUME 2 CHAPTER 16

FIGURE TITLE:
SURFACE WATER



FIGURE NO: **FIGURE 16.1** REVISION: **01**

DATE: **SEPT 2011** DRAWN: **C.Y** SCALE: **1:20,000@A3**

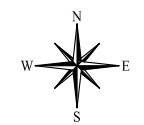
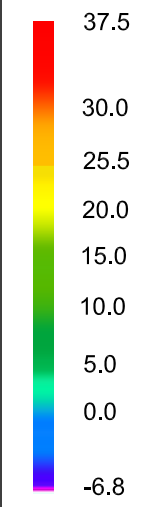




KEY

-  HINKLEY POINT C DEVELOPMENT SITE BOUNDARY
-  TEMPORARY JETTY SEAWARD HARBOUR LIMITS

ELEVATION (mAOD)



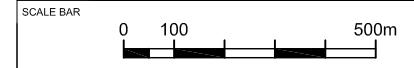
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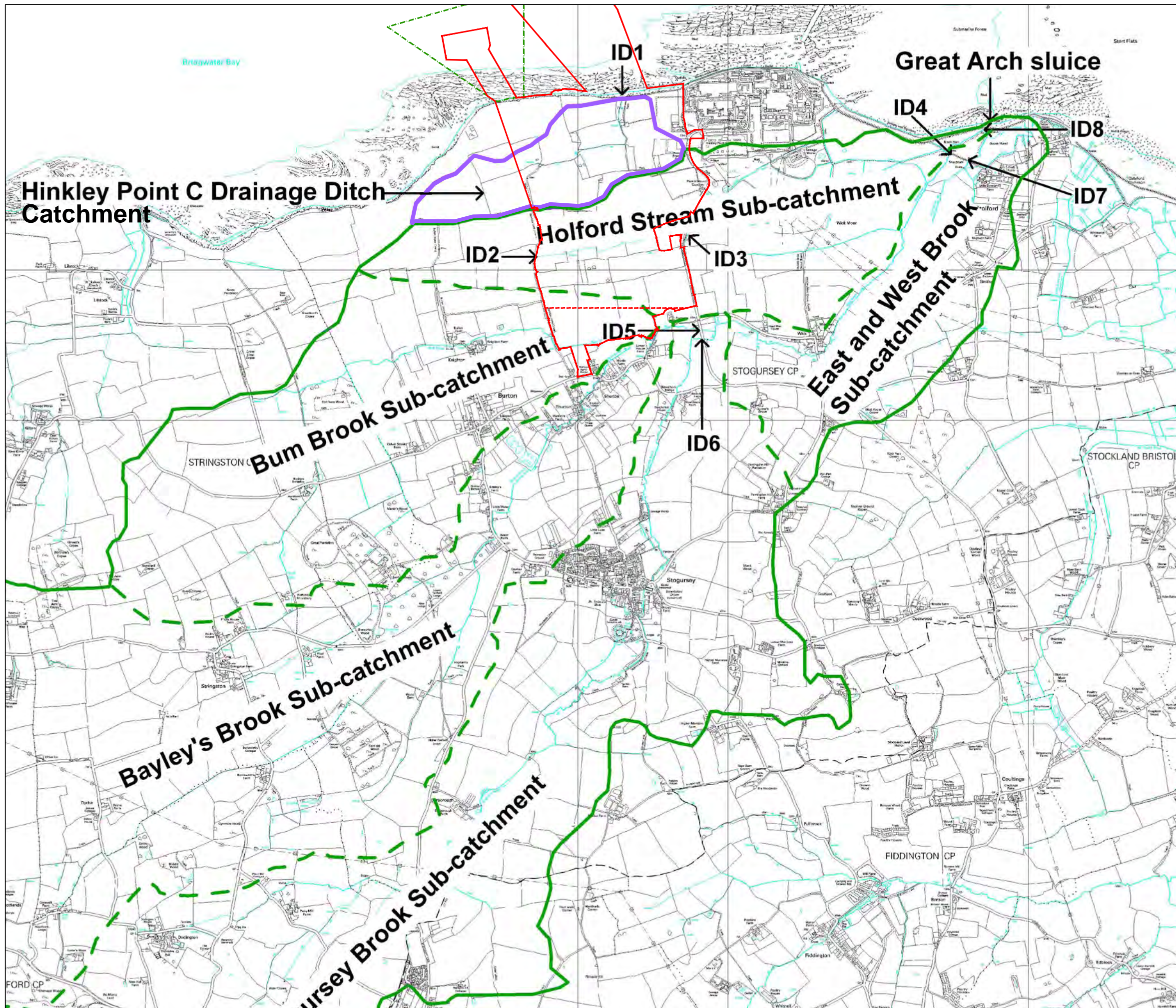


DOCUMENT:
HINKLEY POINT C PROJECT ENVIRONMENTAL STATEMENT VOLUME 2 CHAPTER 16

FIGURE TITLE:
LIDAR TOPOGRAPHIC RELIEF MAP REGULATION 5(2)(a)

FIGURE NO: FIGURE 16.2	REVISION: 01
DATE: SEPT 2011	SCALE: 1:15,000@A3

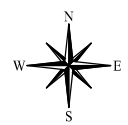




KEY

- HINKLEY POINT C DEVELOPMENT SITE BOUNDARY
- SOUTHERN EXTENT OF MAIN CONSTRUCTION WORKS
- GREAT ARCH SLUICE CATCHMENT
- GREAT ARCH SLUICE SUB-CATCHMENT
- HINKLEY POINT C DRAINAGE DITCH CATCHMENT
- TEMPORARY JETTY SEAWARD HARBOUR LIMITS

- ID FLOW CHARACTERISTIC LOCATION**
- 1 HINKLEY POINT C DRAINAGE DITCH CATCHMENT
 - 2 HOLFORD STREAM (WEST OF START OF CHANNEL)
 - 3 HOLFORD STREAM (UPSTREAM OF THE C182)
 - 4 HOLFORD STREAM (UPSTREAM OF SHARPHAM SLUICE)
 - 5 BUM BROOK (UPSTREAM OF THE C182)
 - 6 STOGURSEY BROOK (UPSTREAM OF THE C182)
 - 7 FLUVIAL NETWORK UPSTREAM OF WEST/EAST BROOK CONFLUENCE (EXCLUDING HOLFORD STREAM)
 - 8 FLUVIAL NETWORK UPSTREAM OF GREAT ARCH SLUICE



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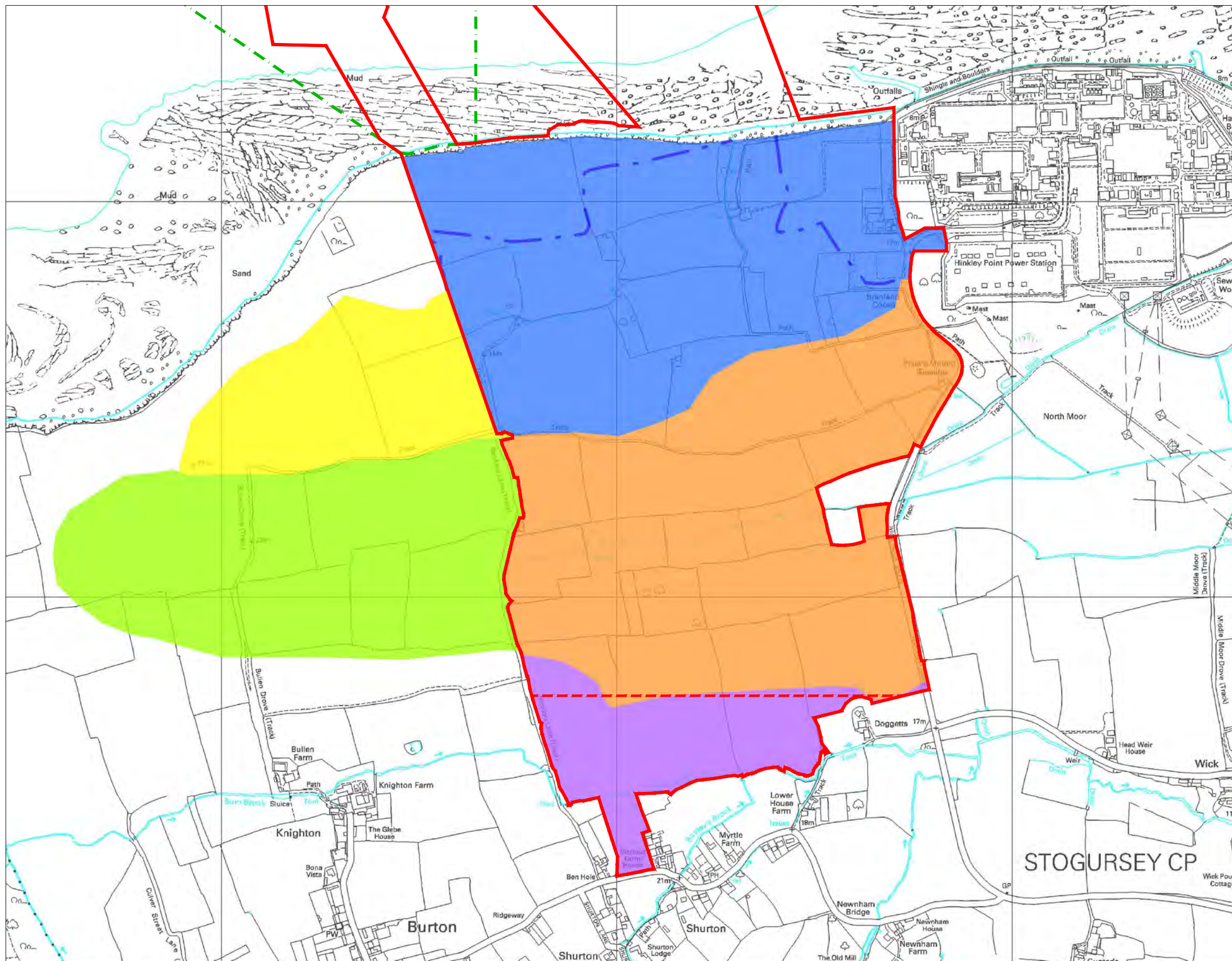
DOCUMENT:
HINKLEY POINT C PROJECT ENVIRONMENTAL STATEMENT VOLUME 2 CHAPTER 16

FIGURE TITLE:
WATERSHEDS & SUB-CATCHMENTS REGULATION 5(2)(a)

FIGURE NO: **FIGURE 16.3** REVISION: **01**

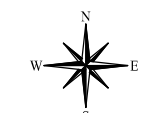
DATE: **SEPT 2011** DRAWN: **E.D** SCALE: **1:25,000@A3**





KEY

- HINKLEY POINT C DEVELOPMENT SITE BOUNDARY
- TEMPORARY JETTY SEAWARD HARBOUR LIMITS
- HPC DRAINAGE DITCH NATURAL CATCHMENT BOUNDARY
- SOUTHERN LIMIT OF MAIN CONSTRUCTION ACTIVITY
- ZONE 1 - HPC FORESHORE
- ZONE 2 - WICK MOOR
- ZONE 3 - BUM BROOK
- ZONE 4 - HPC DRAINAGE DITCH CATCHMENT CONTRIBUTING AREA TO ZONE 1
- ZONE 5 - HOLFORD STREAM CATCHMENT CONTRIBUTING AREA TO ZONE 2



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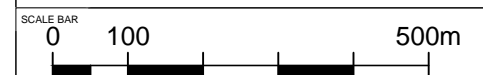


DOCUMENT:
HINKLEY POINT C PROJECT ENVIRONMENTAL STATEMENT VOLUME 2 CHAPTER 16

FIGURE TITLE:
ON-SITE & UPSTREAM SUB-CATCHMENTS REGULATION 5 (2)(a)

FIGURE NO: **FIGURE 16.4** REVISION: **01**

DATE: **SEPT 2011** DRAWN: **C.Y** SCALE: **1:10,000@A3**





- KEY**
- HINKLEY POINT C DEVELOPMENT SITE BOUNDARY
 - TEMPORARY JETTY SEAWARD HARBOUR LIMITS
 - SOUTHERN LIMIT OF MAIN CONSTRUCTION ACTIVITY
 - ENVIRONMENT AGENCY FLOOD ZONE 3
 - ENVIRONMENT AGENCY FLOOD ZONE 2
 - ORDNANCE SURVEY MARKED WATER FEATURE



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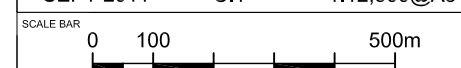


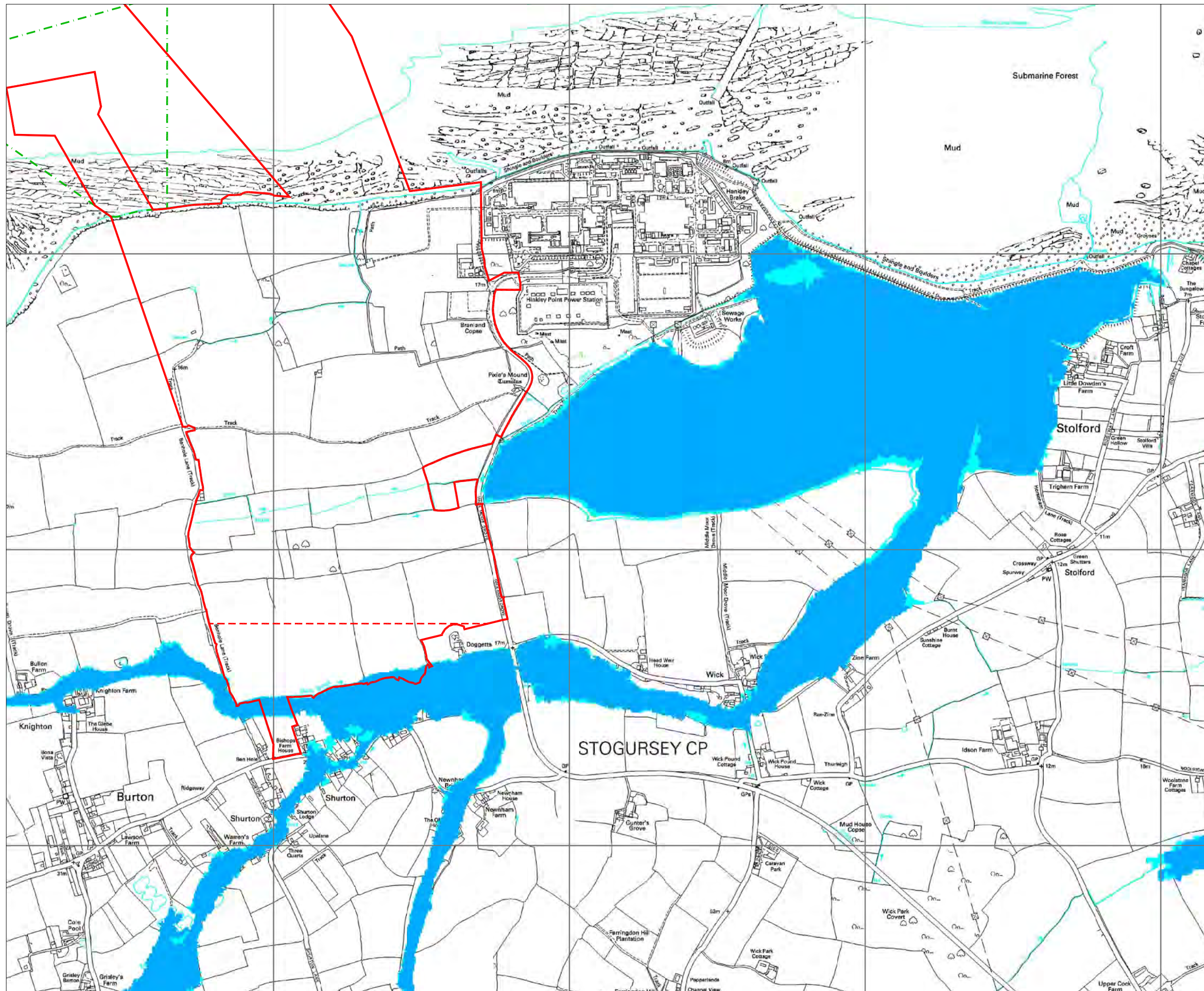
DOCUMENT:
HINKLEY POINT C PROJECT ENVIRONMENTAL STATEMENT VOLUME 2 CHAPTER 16

FIGURE TITLE:
ENVIRONMENT AGENCY TIDAL FLOOD ZONE MAP REGULATION 5(2)(a)

FIGURE NO: **FIGURE 16.5** REVISION: **01**

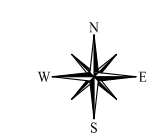
DATE: **SEPT 2011** DRAWN: **C.Y** SCALE: **1:12,500@A3**





KEY

- HINKLEY POINT C DEVELOPMENT SITE BOUNDARY
- TEMPORARY JETTY SEAWARD HARBOUR LIMITS
- SOUTHERN LIMIT OF MAIN CONSTRUCTION ACTIVITY
- ENVIRONMENT AGENCY FLOOD ZONE 3
- ENVIRONMENT AGENCY FLOOD ZONE 2
- ORDNANCE SURVEY MARKED WATER FEATURE



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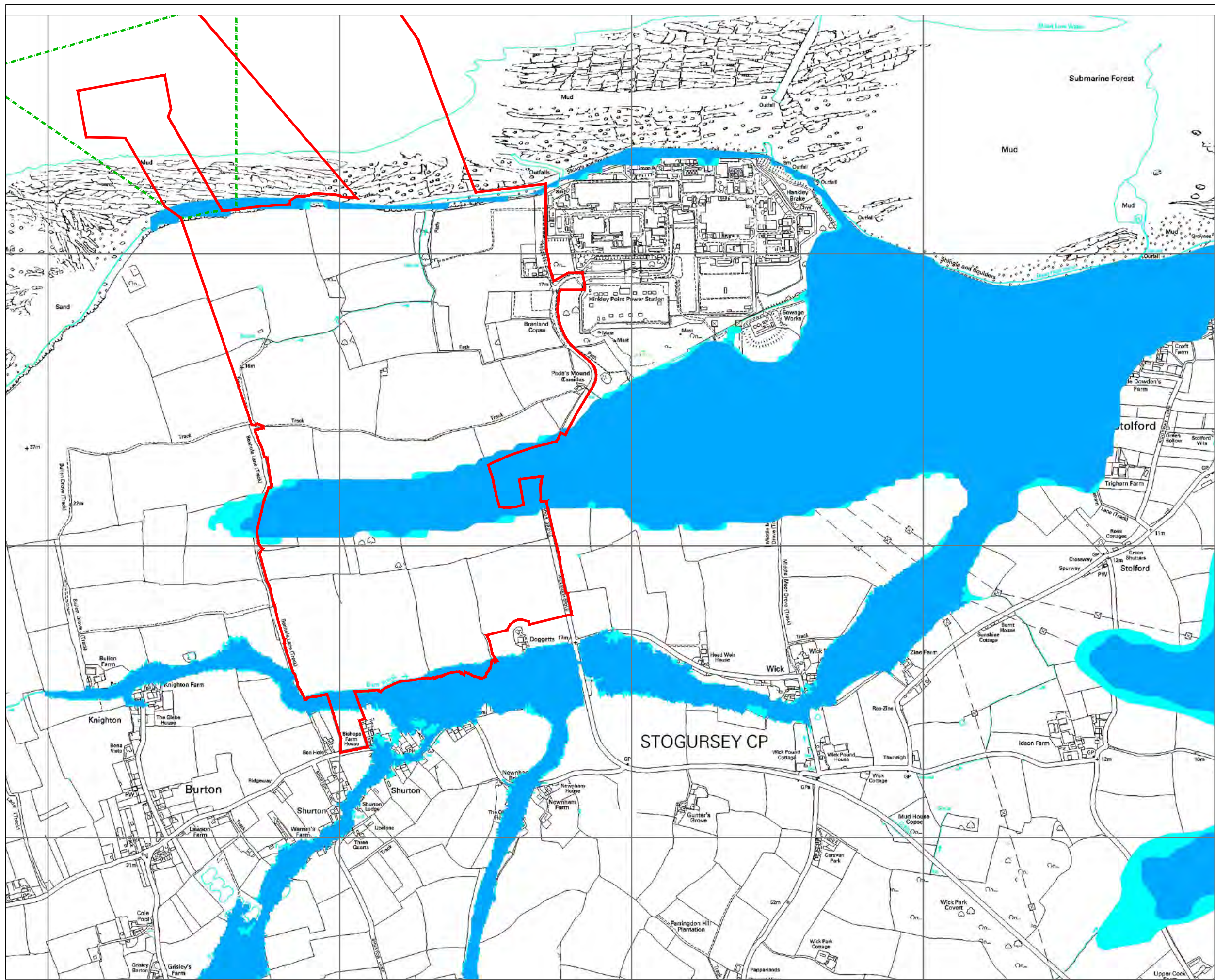


DOCUMENT:
HINKLEY POINT C PROJECT ENVIRONMENTAL STATEMENT VOLUME 2 CHAPTER 16

FIGURE TITLE:
ENVIRONMENT AGENCY FLUVIAL FLOOD ZONE MAP REGULATION 5(2)(a)

FIGURE NO: FIGURE 16.6	REVISION: 01
DATE: SEPT 2011	DRAWN: C.Y
SCALE: 1:12,500@A3	





KEY

- HINKLEY POINT C DEVELOPMENT SITE BOUNDARY
- TEMPORARY JETTY SEAWARD HARBOUR LIMITS
- ENVIRONMENT AGENCY FLOOD ZONE 3
- ENVIRONMENT AGENCY FLOOD ZONE 2
- ORDNANCE SURVEY MARKED WATER FEATURE



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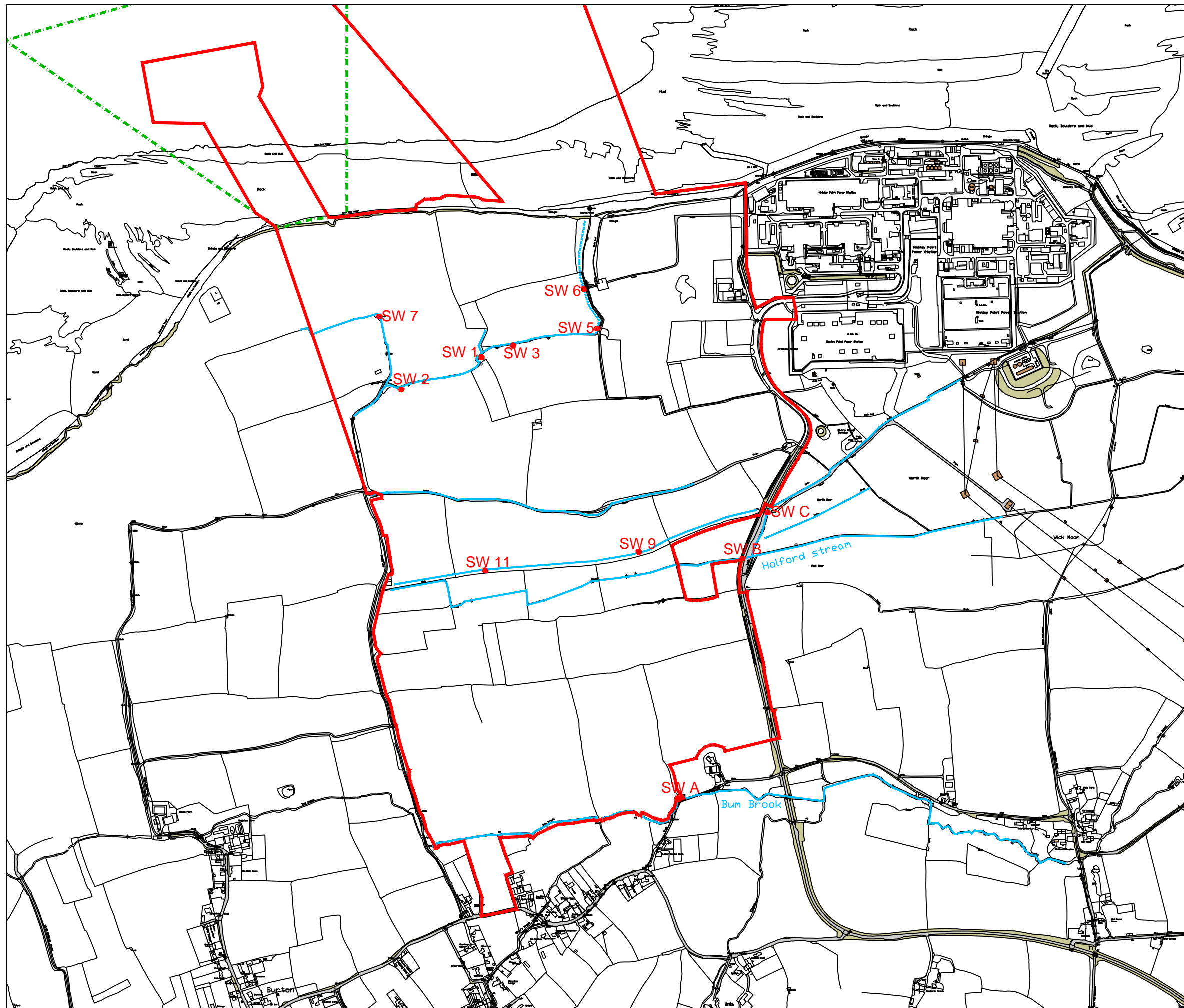
DOCUMENT:
HINKLEY POINT C PROJECT ENVIRONMENTAL STATEMENT VOLUME 2 CHAPTER 16

FIGURE TITLE:
ENVIRONMENT AGENCY COMBINED TIDAL & FLUVIAL FLOOD ZONE MAP REGULATION 5(2)(a)

FIGURE NO: **FIGURE 16.7** REVISION: **01**

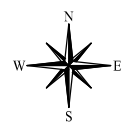
DATE: **SEPT 2011** DRAWN: **E.D** SCALE: **1:12,500@A3**





KEY

- HINKLEY POINT C DEVELOPMENT SITE BOUNDARY
- TEMPORARY JETTY SEAWARD HARBOUR LIMITS
- SURFACE WATER FEATURE
- SURFACE WATER QUALITY SAMPLING LOCATION



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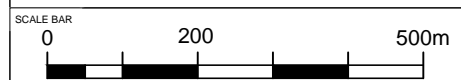


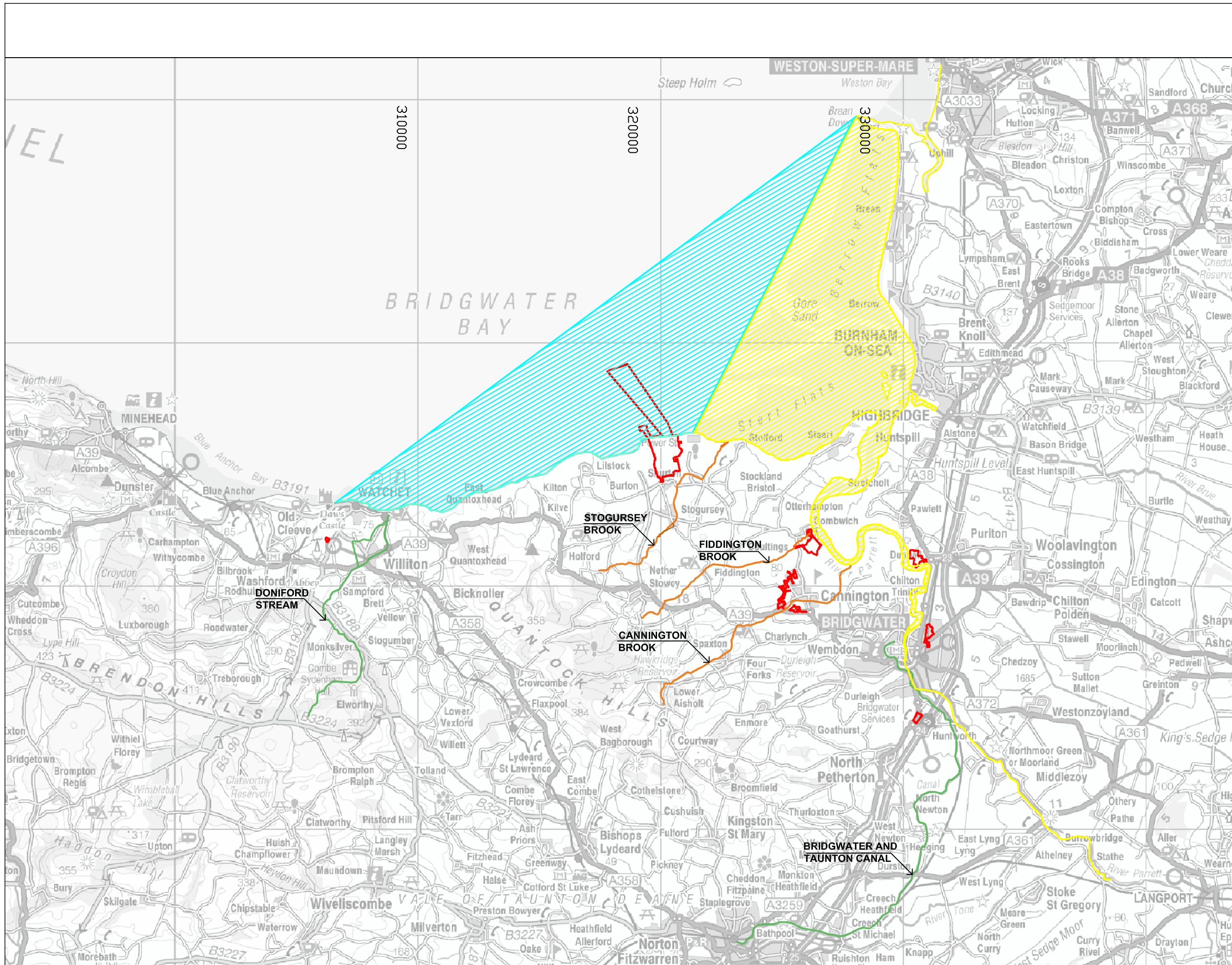
DOCUMENT:
HINKLEY POINT C PROJECT ENVIRONMENTAL STATEMENT VOLUME 2 CHAPTER 15

FIGURE TITLE:
FRESHWATER SURFACE MONITORING LOCATION PLAN REGULATION 5(2)(a)




FIGURE NO: **FIGURE 16.8** REVISION: **01**

DATE: **SEPT 2011** DRAWN: **R.W** SCALE: **1:10,000@A3**







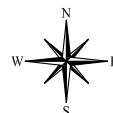
KEY

-  HINKLEY POINT C ON AND OFF-SITE DEVELOPMENT SITE BOUNDARIES
-  BRIDGWATER BAY COASTAL WATERBODY
-  PARRETT TRANSITIONAL WATERBODY

TERRESTRIAL SURFACE WATER BODIES

-  CURRENT GOOD STATUS/POTENTIAL
-  CURRENT POOR STATUS/POTENTIAL

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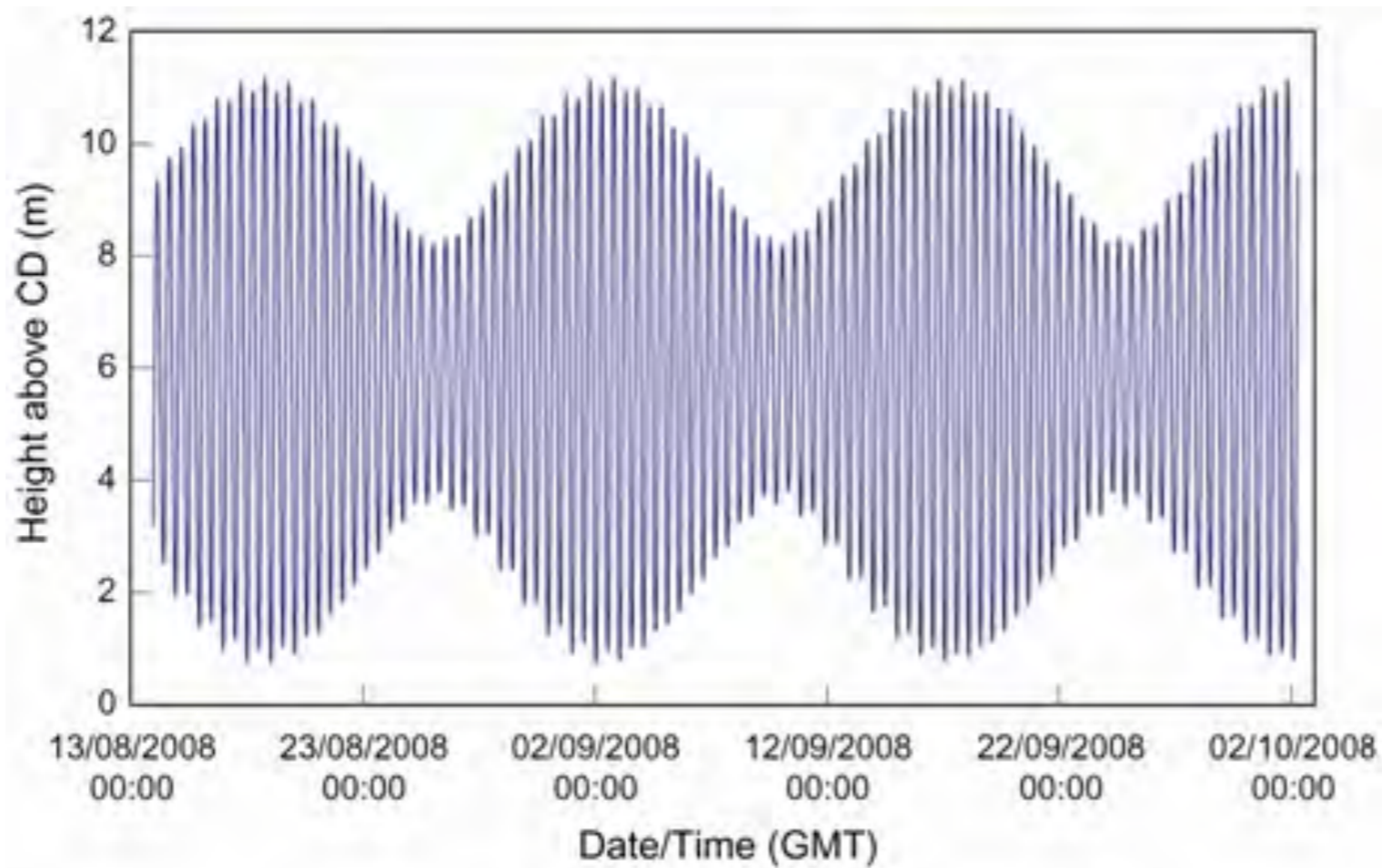

DOCUMENT:
HINKLEY POINT C PROJECT ENVIRONMENTAL STATEMENT VOLUME 2 CHAPTER 16

FIGURE TITLE:
WFD WATER BODIES OF RELEVANCE TO THIS ES

FIGURE NO: **FIGURE 16.9** REVISION: **01**

DATE: **SEPT 2011** DRAWN: **C.Y** SCALE: **1:28,000@A3**





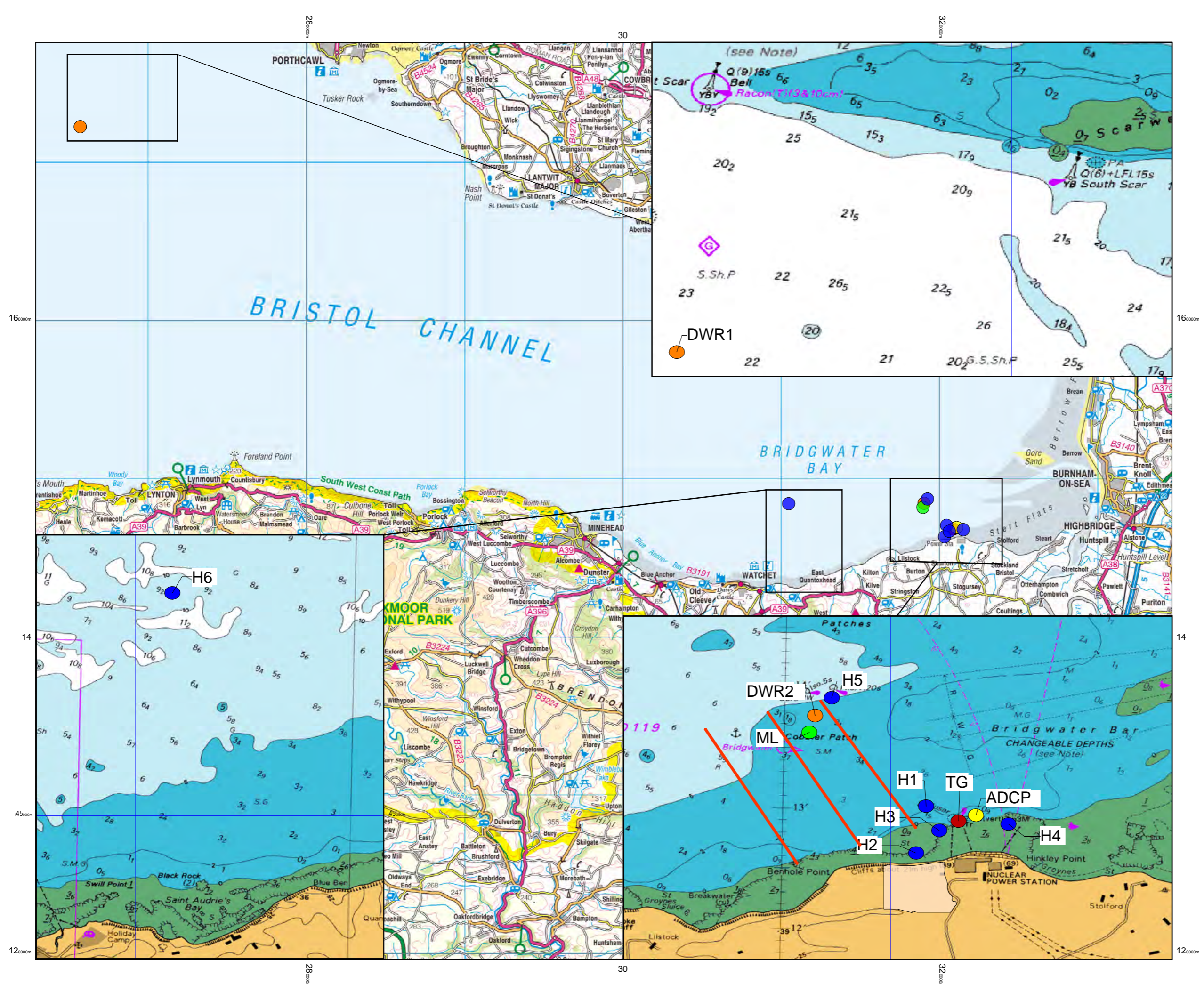
DOCUMENT:
 HINKLEY POINT C PROJECT
 ENVIRONMENTAL STATEMENT
 VOLUME 2 CHAPTER 17

FIGURE TITLE:
 PREDICTED TIDAL ELEVATIONS DURING
 THE HYDROGRAPHIC SURVEY

FIGURE NO: **FIGURE 17.1** REVISION: **01**

DATE: **SEPT 2011** DRAWN: **C.L.** SCALE:

SCALE BAR



KEY

- PROPOSED HINKLEY POINT C POWER STATION

INSTRUMENTATION

- ADCP ANCHOR STATION (TITAN)
- ADCP MOVING VESSEL TRANSECT (TITAN)
- SCAREWEATHER WAVE RIDER BUOY (DWR) AND HINKLEY POINT WAVE RIDER BUOY (DWR2)
- H1-6 - TITAN AWAC AND AQUADOPP
- ML - HINKLEY MINILANDER
- TG - UK TIDE GAUGE NETWORK HINKLEY

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DOCUMENT:

HINKLEY POINT C PROJECT ENVIRONMENTAL STATEMENT VOLUME 2 CHAPTER 17

FIGURE TITLE:

LOCATIONS OF MOORINGS AND ADCP SECTIONS OFF HINKLEY POINT

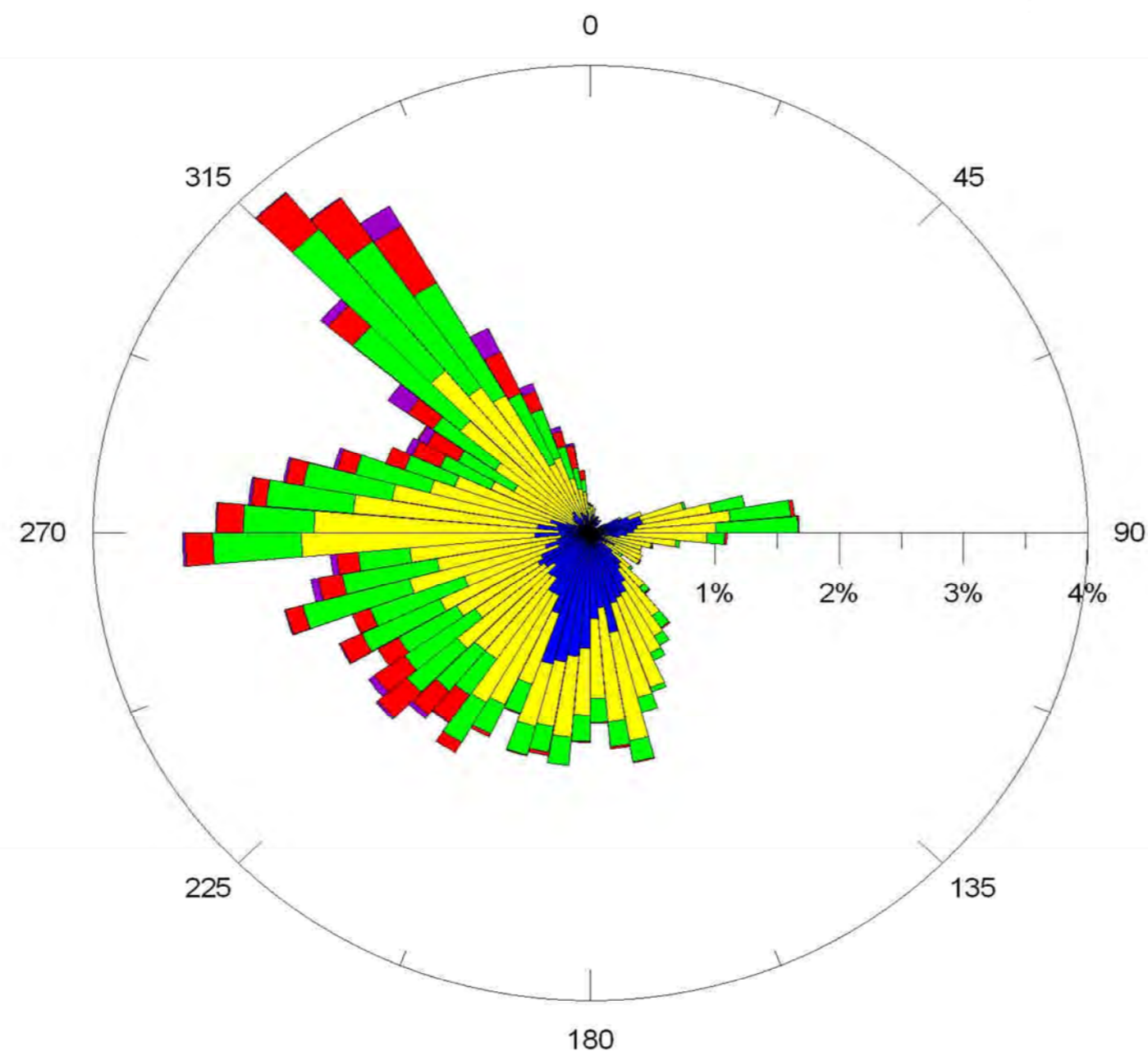
FIGURE NO:	REVISION:
FIGURE 17.2	01
DATE:	DRAWN:
SEPT 2011	C.L.
	SCALE:
	1:225000 @ A3

SCALE BAR

KEY

WIND SPEED (m.s⁻¹)

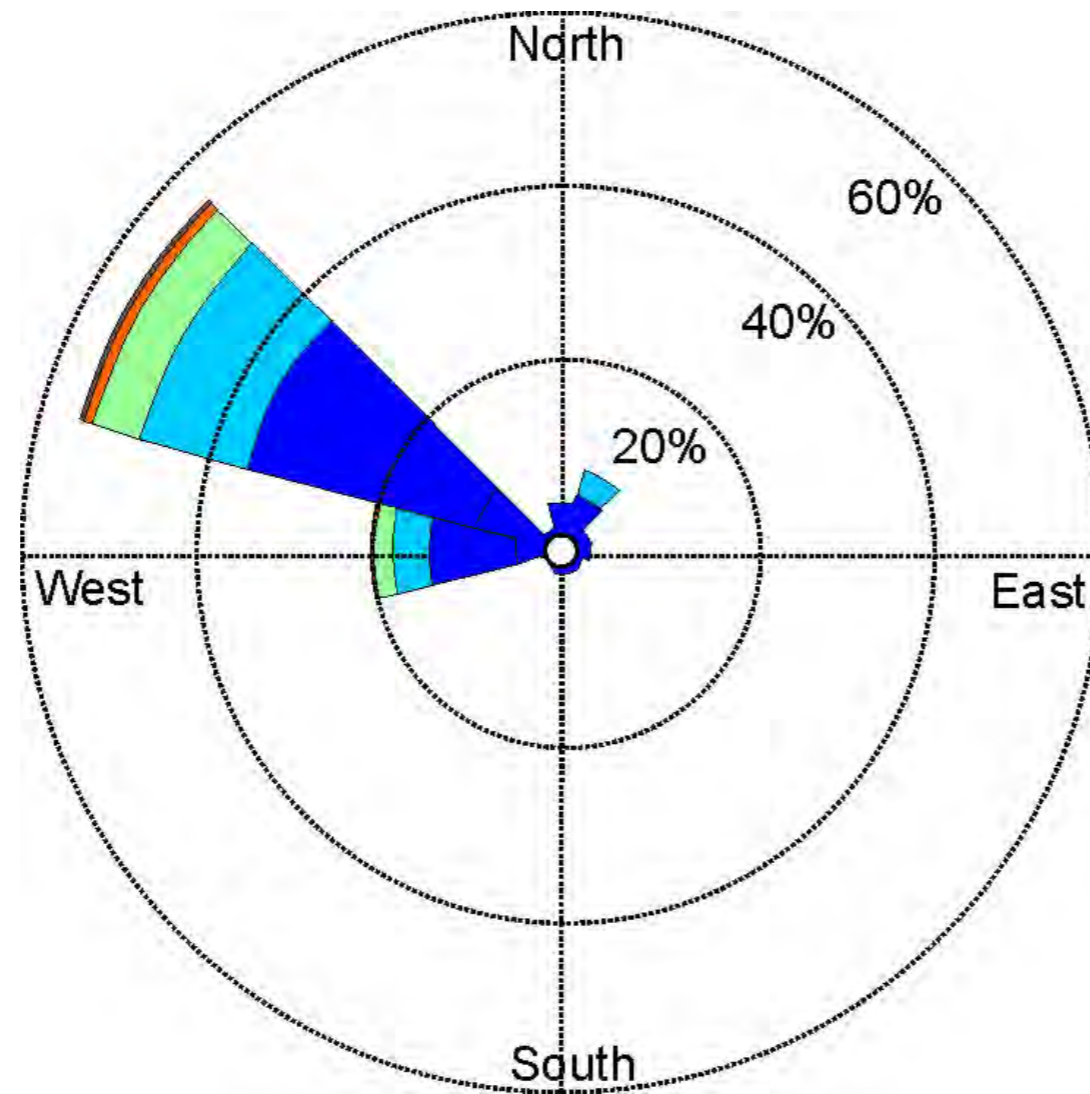
- <=2
- >2 - 4
- >4 - 6
- >6 - 8
- >8 - 10
- >10



DOCUMENT:		
HINKLEY POINT C PROJECT ENVIRONMENTAL STATEMENT VOLUME 2 CHAPTER 17		
FIGURE TITLE:		
FREQUENCY OF WIND SPEED (m.s ⁻¹) AT HINKLEY (GORE BUOY) WAVERIDER LOCATION, DECEMBER 2008-JULY 2009		
FIGURE NO:	REVISION:	
FIGURE 17.3	01	
DATE:	DRAWN:	SCALE:
SEPT 2011	C.L.	
SCALE BAR		

KEY

SIGNIFICANT WAVE HEIGHT (m)



DOCUMENT:

HINKLEY POINT C PROJECT
ENVIRONMENTAL STATEMENT
VOLUME 2 CHAPTER 17

FIGURE TITLE:

WAVE HEIGHT, DIRECTION AND FREQUENCY
AT HINKLEY (GORE BUOY) WAVERIDER
LOCATION, DECEMBER 2008 - JULY 2009

FIGURE NO:
FIGURE 17.4

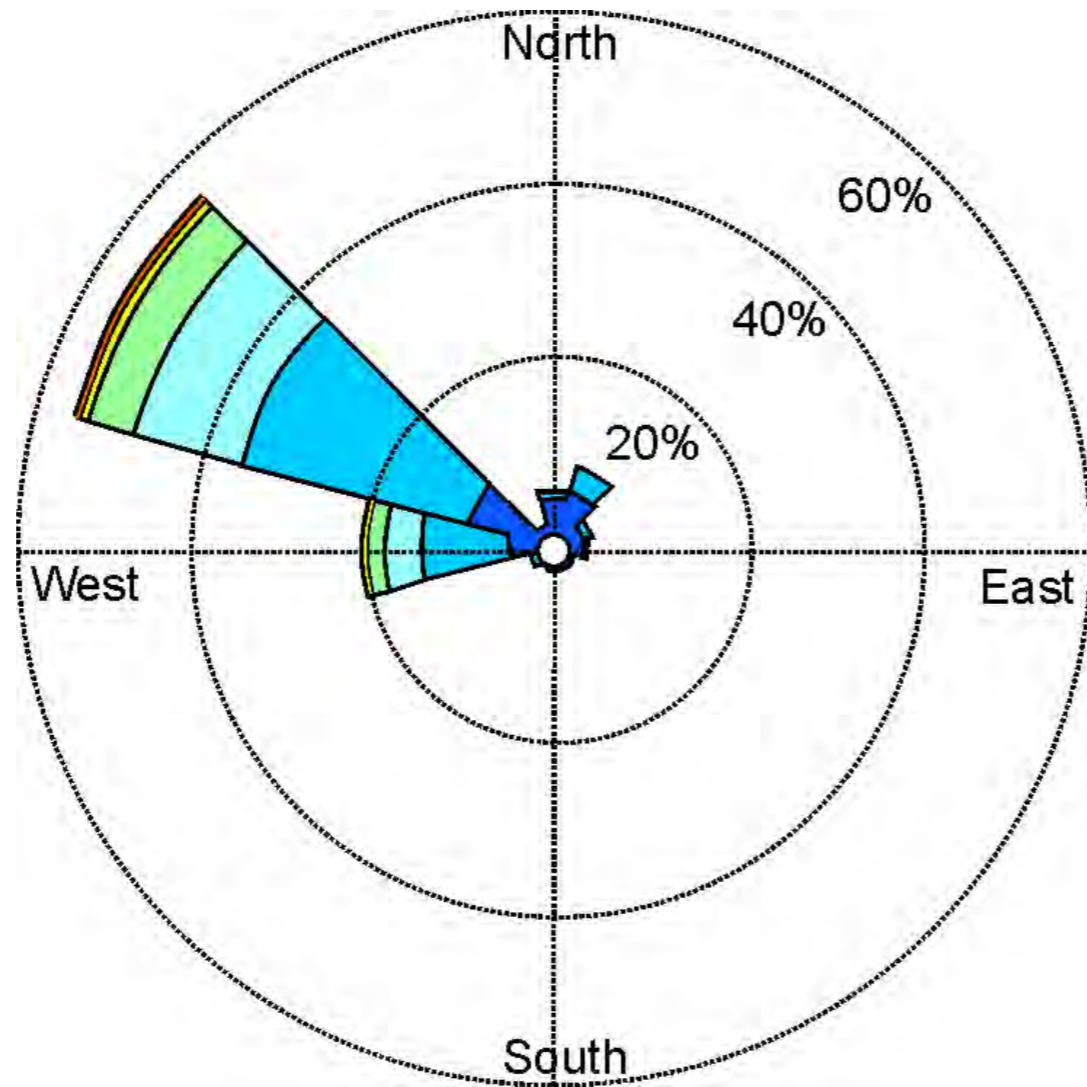
REVISION:
01

DATE:
SEPT 2011

DRAWN:
C.L.

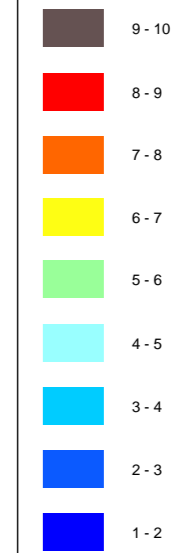
SCALE:

SCALE BAR



KEY

ZERO-CROSSING PERIOD(S)



DOCUMENT:

HINKLEY POINT C PROJECT
ENVIRONMENTAL STATEMENT
VOLUME 2 CHAPTER 17

FIGURE TITLE:

WAVE PERIOD, DIRECTION AND FREQUENCY
AT HINKLEY (GORE BUOY) WAVERIDER
LOCATION, DECEMBER 2008 - JULY 2009

FIGURE NO:
FIGURE 17.5

REVISION:
01

DATE:
SEPT 2011

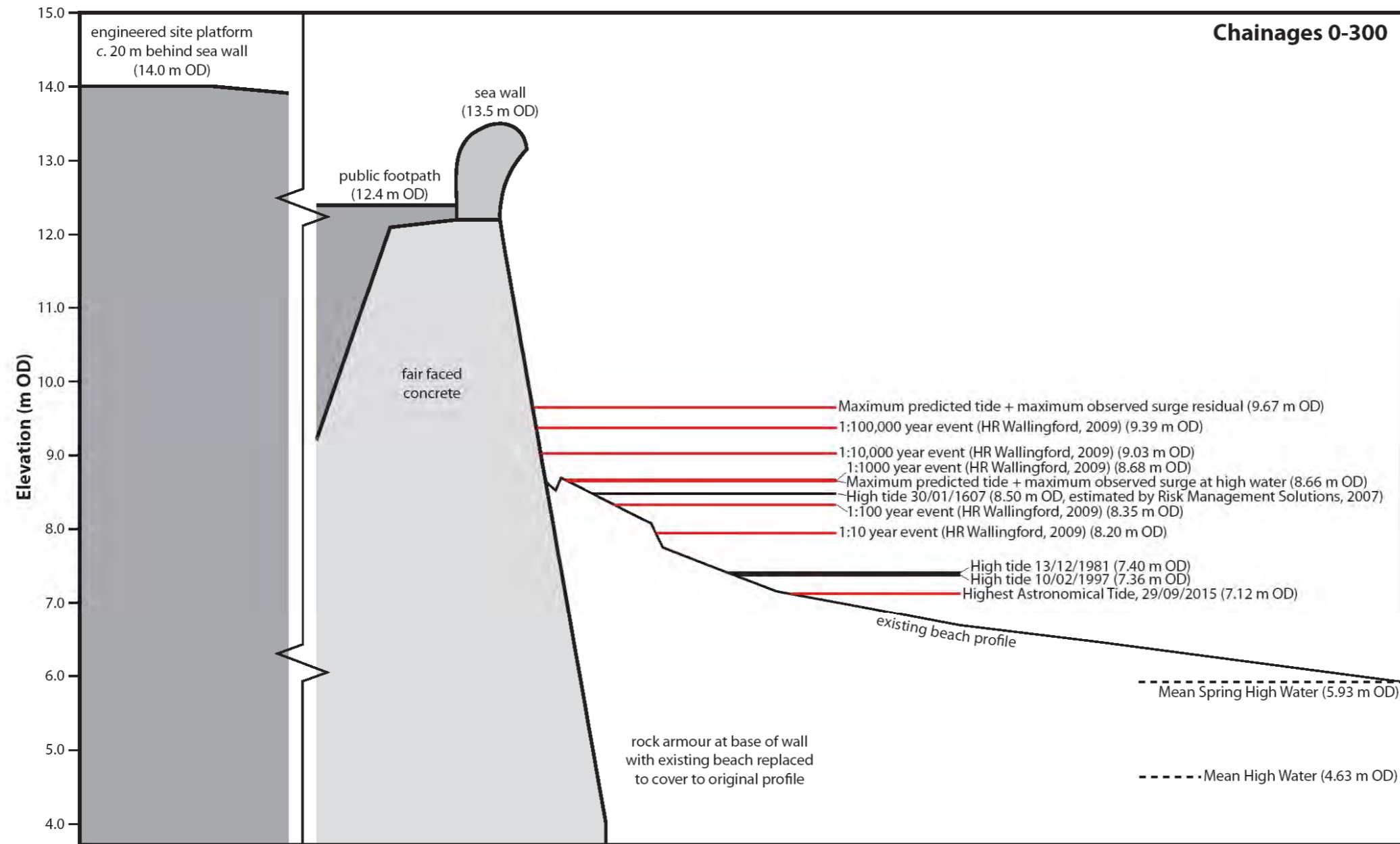
DRAWN:
C.L.

SCALE:

SCALE BAR

KEY

- PREDICTED EXTREME WATER LEVELS (PYE AND BLOTT, 2010)
- OBSERVED EXTREME WATER LEVELS (PYE AND BLOTT, 2010)



DOCUMENT:
**HINKLEY POINT C PROJECT
 ENVIRONMENTAL STATEMENT
 VOLUME 2 CHAPTER 17**

FIGURE TITLE:
 OBSERVED (BLACK) AND PREDICTED (RED)
 EXTREME WATER LEVELS, OVERLAIN ON
 THE PROPOSED SEA WALL DESIGN FOR HPC

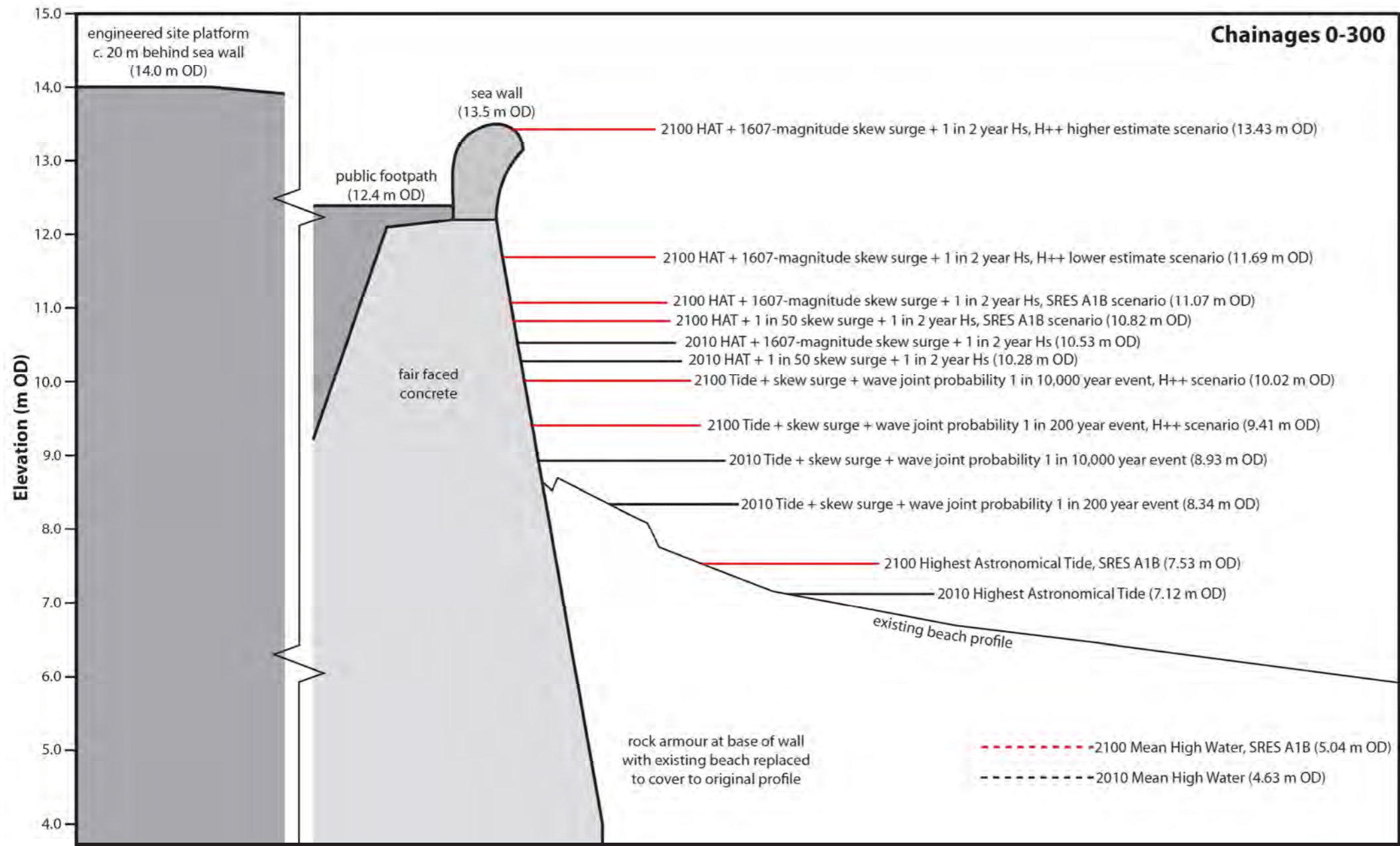
FIGURE NO: **FIGURE 17.6** REVISION: **01**

DATE: **SEPT 2011** DRAWN: **C.L.** SCALE:

SCALE BAR

KEY

- ESTIMATED EXTREME WATER LEVELS IN 2100 (PYE AND BLOTT, 2010)
- ESTIMATED EXTREME WATER LEVELS IN 2010 (PYE AND BLOTT, 2010)



DOCUMENT:
**HINKLEY POINT C PROJECT
 ENVIRONMENTAL STATEMENT
 VOLUME 2 CHAPTER 17**

FIGURE TITLE:
**EXTREME WATER LEVELS ESTIMATED
 FOR 2010 (BLACK) AND 2100 (RED),
 OVERLAIN ON THE PROPOSED SEA WALL
 DESIGN FOR HPC**

FIGURE NO: **FIGURE 17.7** REVISION: **01**

DATE: **SEPT 2011** DRAWN: **C.L.** SCALE:

SCALE BAR



KEY

 PROPOSED HINKLEY POINT C POWER STATION



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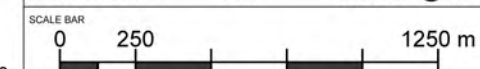


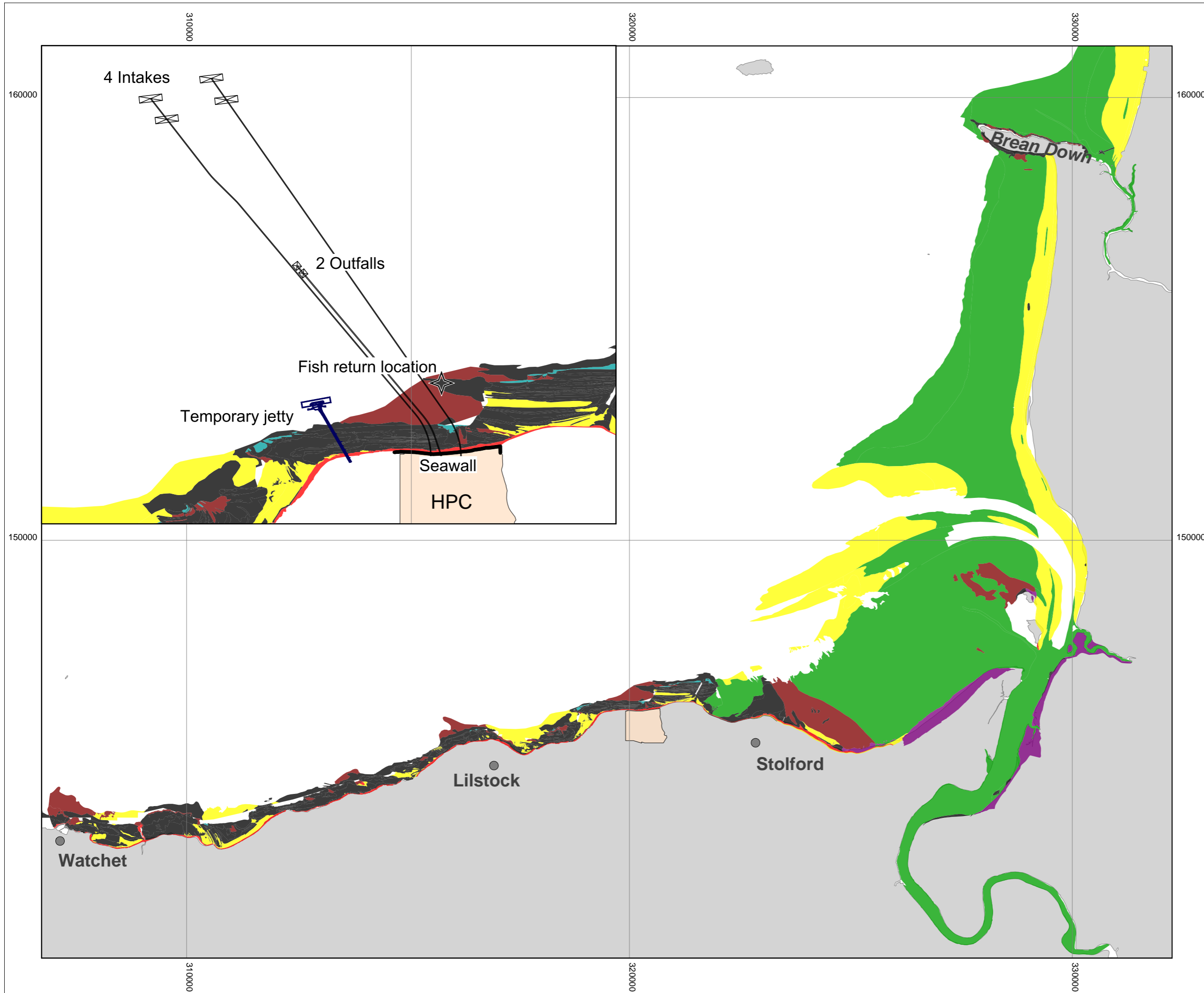
DOCUMENT:
**HINKLEY POINT C PROJECT
 ENVIRONMENTAL STATEMENT
 VOLUME 2 CHAPTER 17**

FIGURE TITLE:
**VIEWS ACROSS THE INTERTIDAL OF
 THE PROPOSED HINKLEY POINT C SITE**

FIGURE NO: **FIGURE 17.8** REVISION: **01**

DATE: **SEPT 2011** DRAWN: **C.L.** SCALE: **1:25000 @ A3**





KEY

- PROPOSED HINKLEY POINT C POWER STATION

SEDIMENTS

- ROCK
- COARSE SEDIMENT
- SAND
- MUD
- MIXED SEDIMENT
- SALTMARSH
- BIOGENIC REEF

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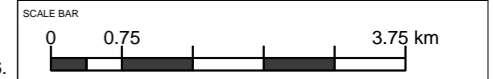


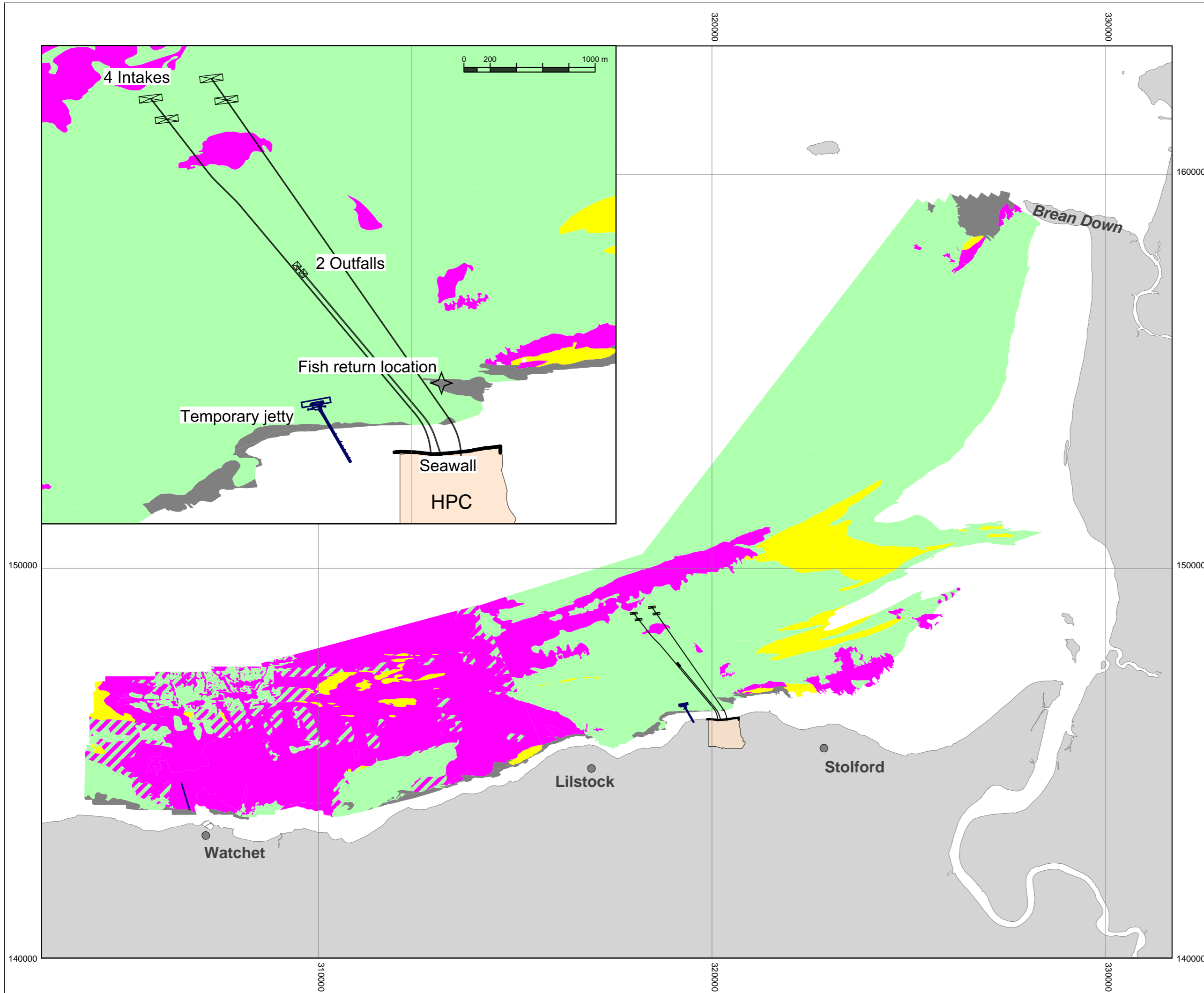
DOCUMENT:
HINKLEY POINT C PROJECT ENVIRONMENTAL STATEMENT VOLUME 2 CHAPTER 17

FIGURE TITLE:
DISTRIBUTION OF INTERTIDAL SEDIMENTS AROUND HINKLEY POINT

FIGURE NO: **FIGURE 17.9** REVISION: **01**

DATE: **SEPT 2011** DRAWN: **C.L.** SCALE: **1:80000 @ A3**





KEY

- PROPOSED HINKLEY POINT C POWER STATION
- SURFACE SEDIMENT**
- BEDROCK
- COARSE SEDIMENT
- ENGINEERING FEATURE
- MUD
- MUD IN BETWEEN COARSE PATCHES
- SAND
- WRECK

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DOCUMENT:

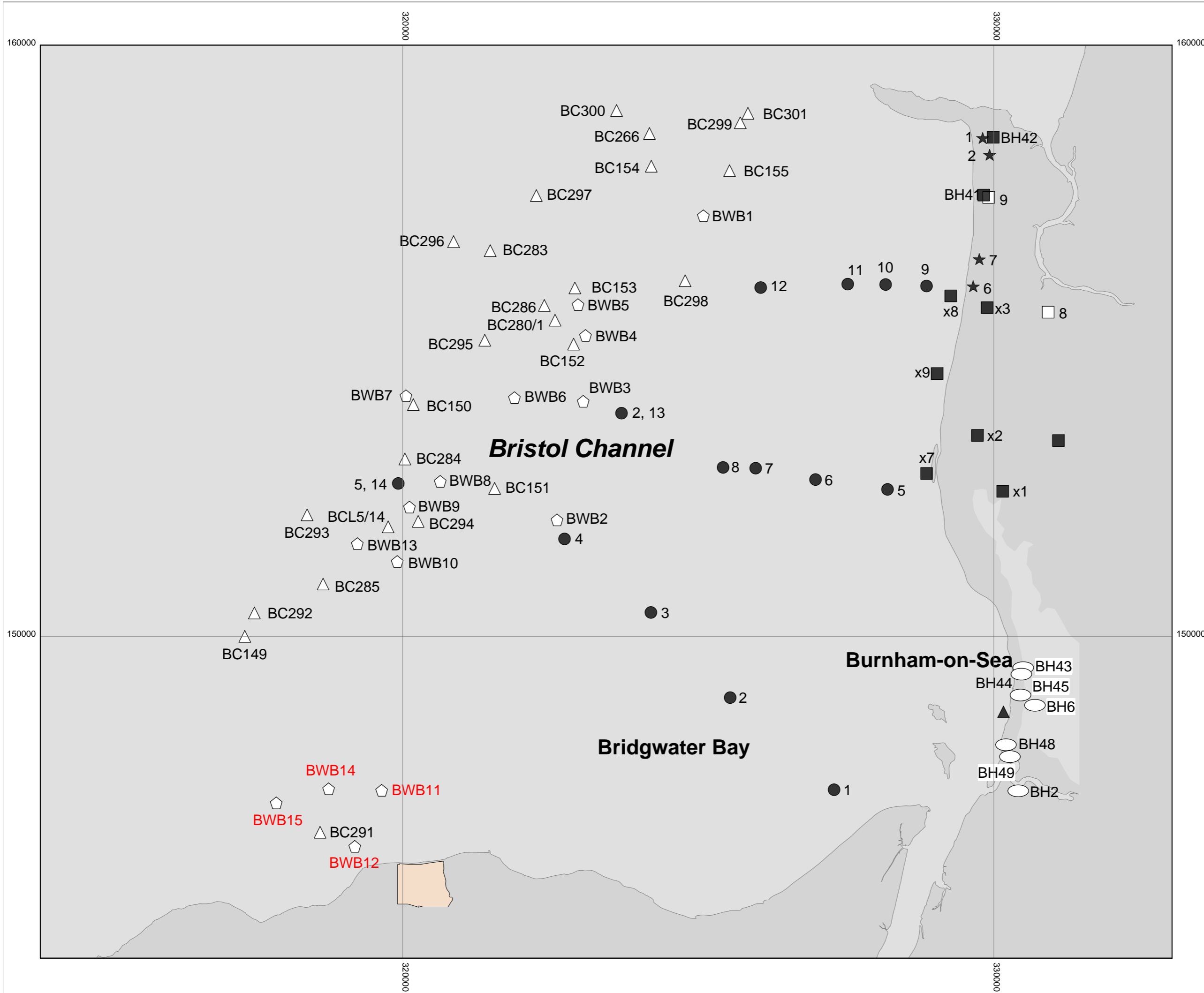
HINKLEY POINT C PROJECT ENVIRONMENTAL STATEMENT VOLUME 2 CHAPTER 17









FIGURE TITLE:

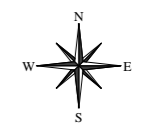
DISTRIBUTION OF SEABED SURFACE SEDIMENTS NORTH OF HINKLEY POINT AND ACROSS BRIDGWATER BAY

FIGURE NO:	REVISION:
FIGURE 17.10	01
DATE:	SCALE:
SEPT 2011	1:90000 @ A3
DRAWN:	C.L.





- KEY**
-  PROPOSED HINKLEY POINT C POWER STATION
 -  ASSORTED SOURCES, BGS
 -  BWB PROJECT, 2001
 -  BALFOUR BEATTY
 -  DRUCE, 1998
 -  HASLETT, ET AL., 2001
 -  IOS, 1980
 -  STPG


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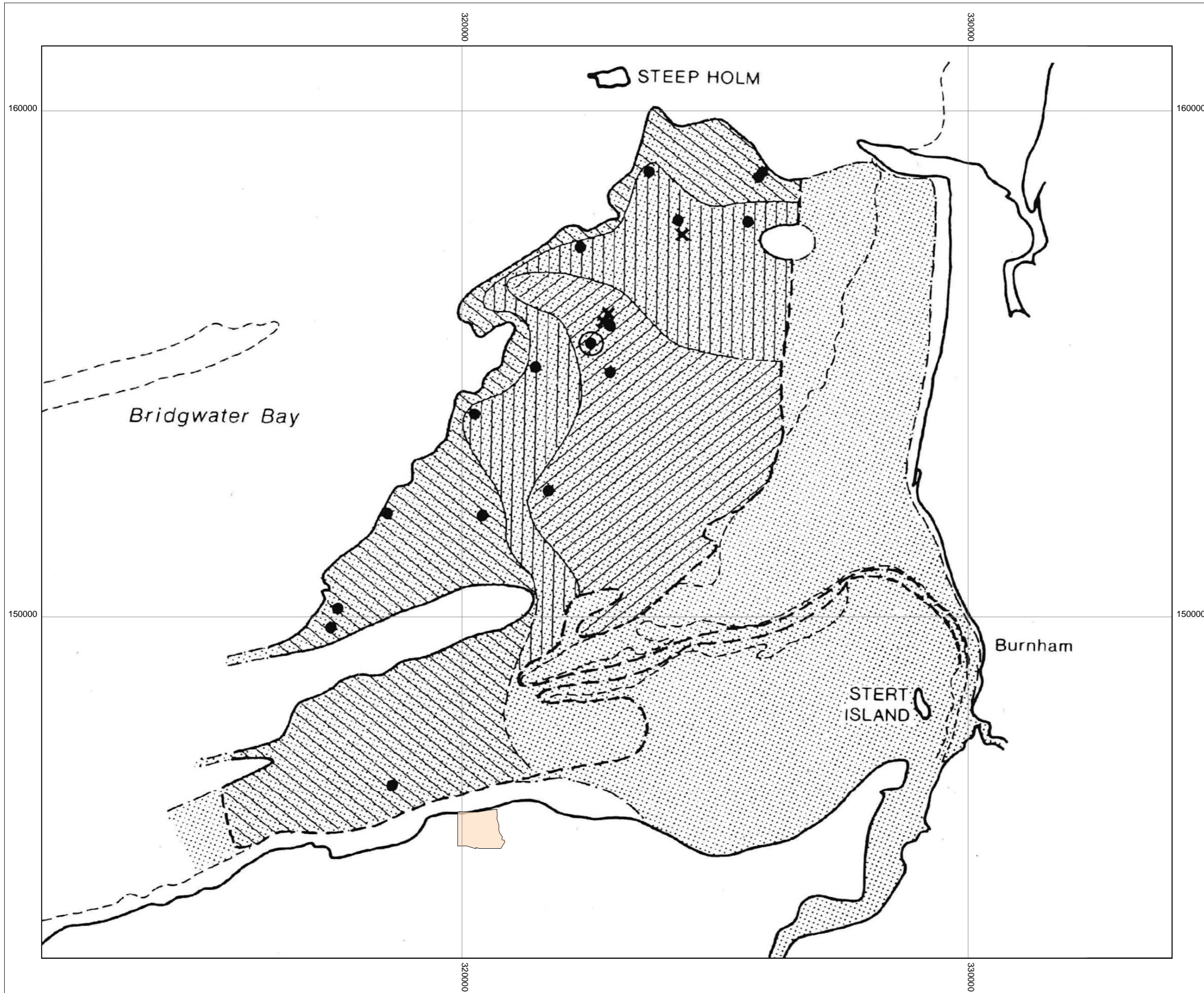












DOCUMENT:
HINKLEY POINT C PROJECT ENVIRONMENTAL STATEMENT VOLUME 2 CHAPTER 17

FIGURE TITLE:
LOCATION OF SOME OF THE COASTAL AND MARINE SAMPLES USED BY THE AUTHORS OF REF. 17.30 IN THEIR ANALYSIS OF SEDIMENTATION OF BRIDGWATER BAY

FIGURE NO: FIGURE 17.11	REVISION: 01
DATE: SEPT 2011	DRAWN: C.L.
SCALE: 1:60000 @ A3	





- KEY**
-  PROPOSED HINKLEY POINT C POWER STATION
 -  SAMPLES FOR GEOCHEMICAL ANALYSIS
 -  SAMPLES FOR MAGNETIC PROPERTY ANALYSIS
 -  SAMPLES FOR GEOTECHNICAL ANALYSIS
 -  AREA DOMINATED BY EROSION
 -  STABLE AREA
 -  AREA DOMINATED BY ACCRETION
 -  MAPPED BOUNDARY OF SETTLED MUD AREA
 -  SETTLED MUD PRESENT BUT BOUNDARY UNKNOWN
 -  CONJECTURED EXTENT OF SETTLED MUD. EITHER NOT SURVEYED OR OVERLAID BY SAND



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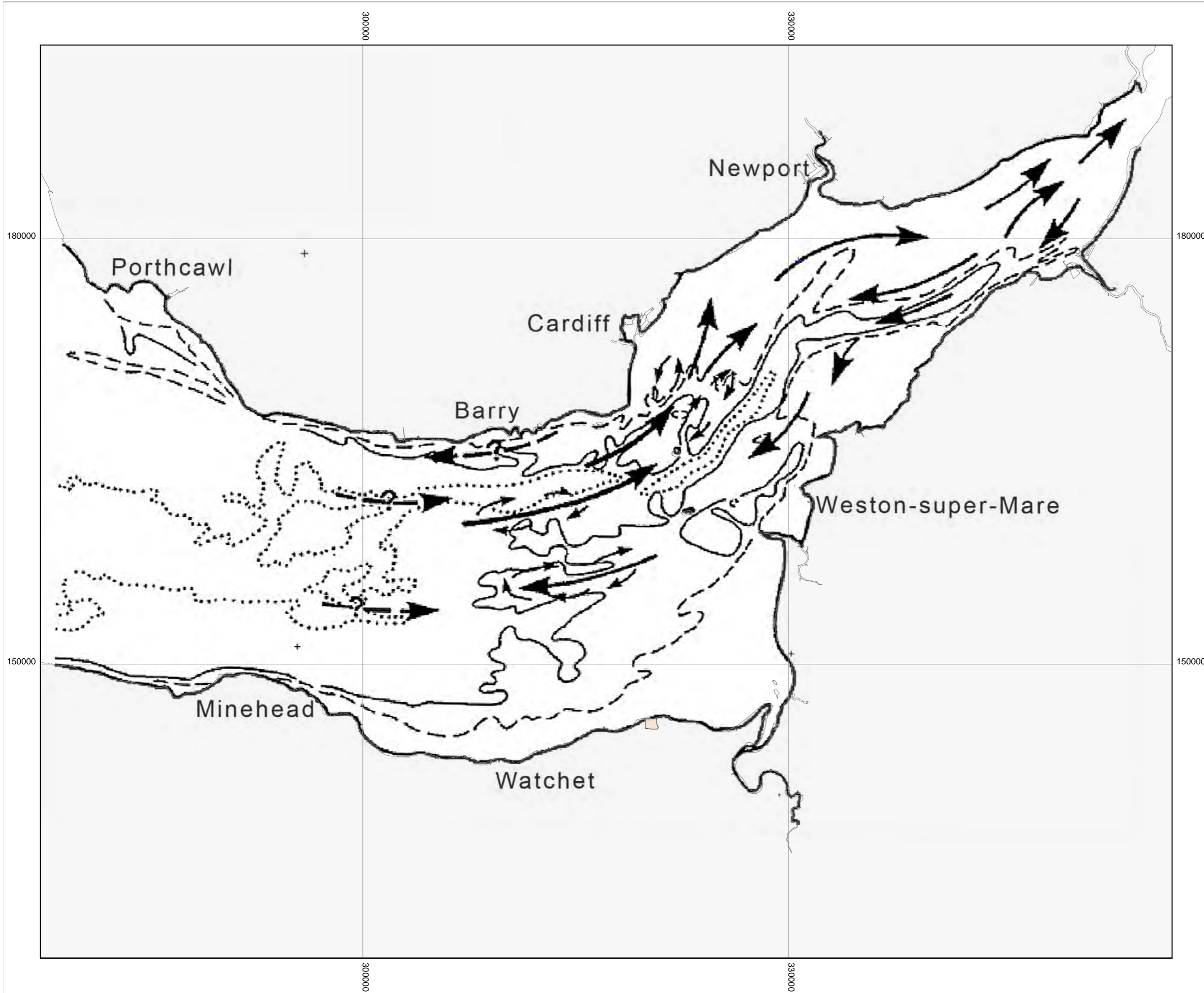
DOCUMENT:
HINKLEY POINT C PROJECT ENVIRONMENTAL STATEMENT VOLUME 2 CHAPTER 17

FIGURE TITLE:
CONCEPTUAL MODEL OF THE 'BRIDGWATER BAY MUD PATCH'


FIGURE NO: **FIGURE 17.12** REVISION: **01**

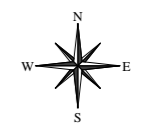
DATE: **SEPT 2011** DRAWN: **C.L.** SCALE: **1:70000 @ A3**





KEY

 PROPOSED HINKLEY POINT C POWER STATION



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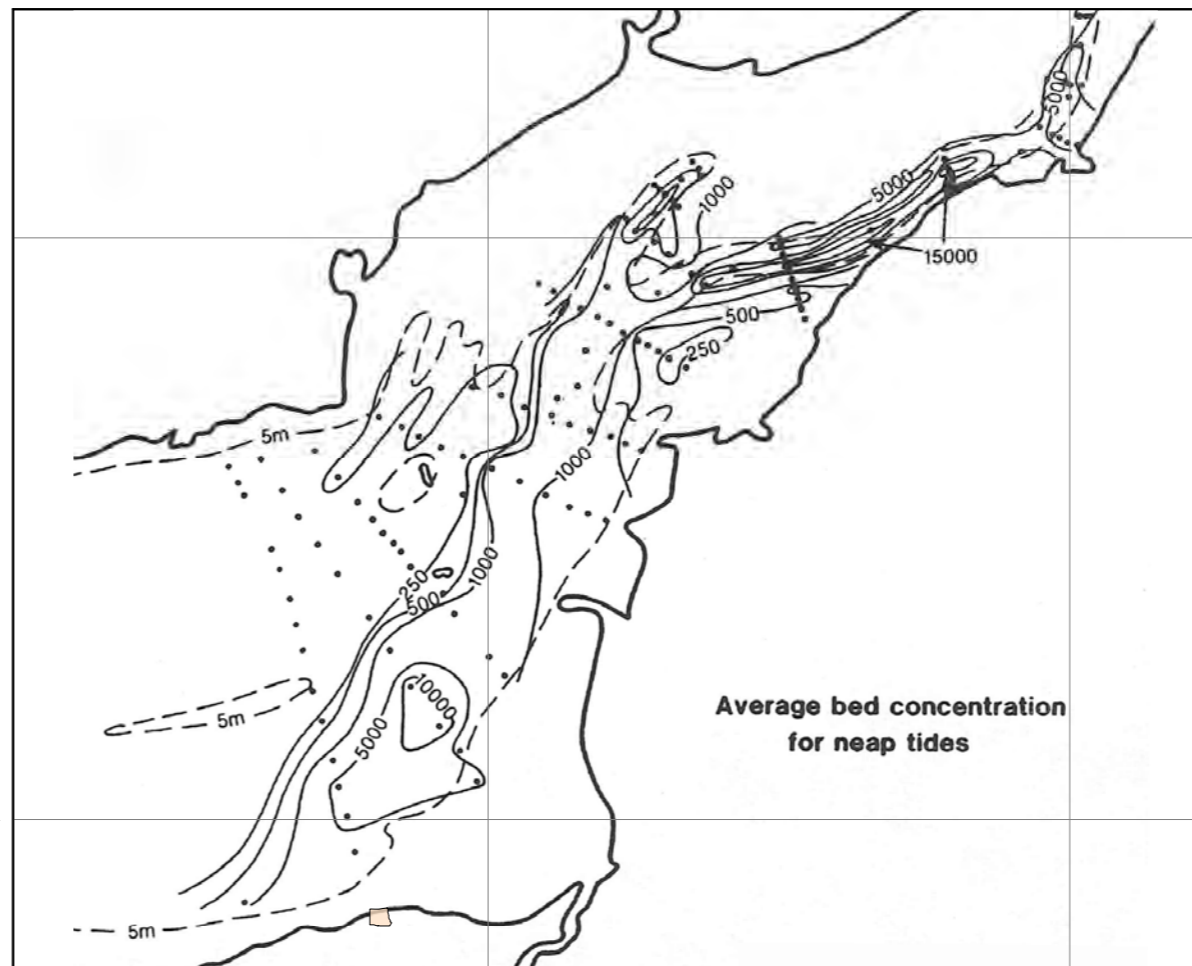
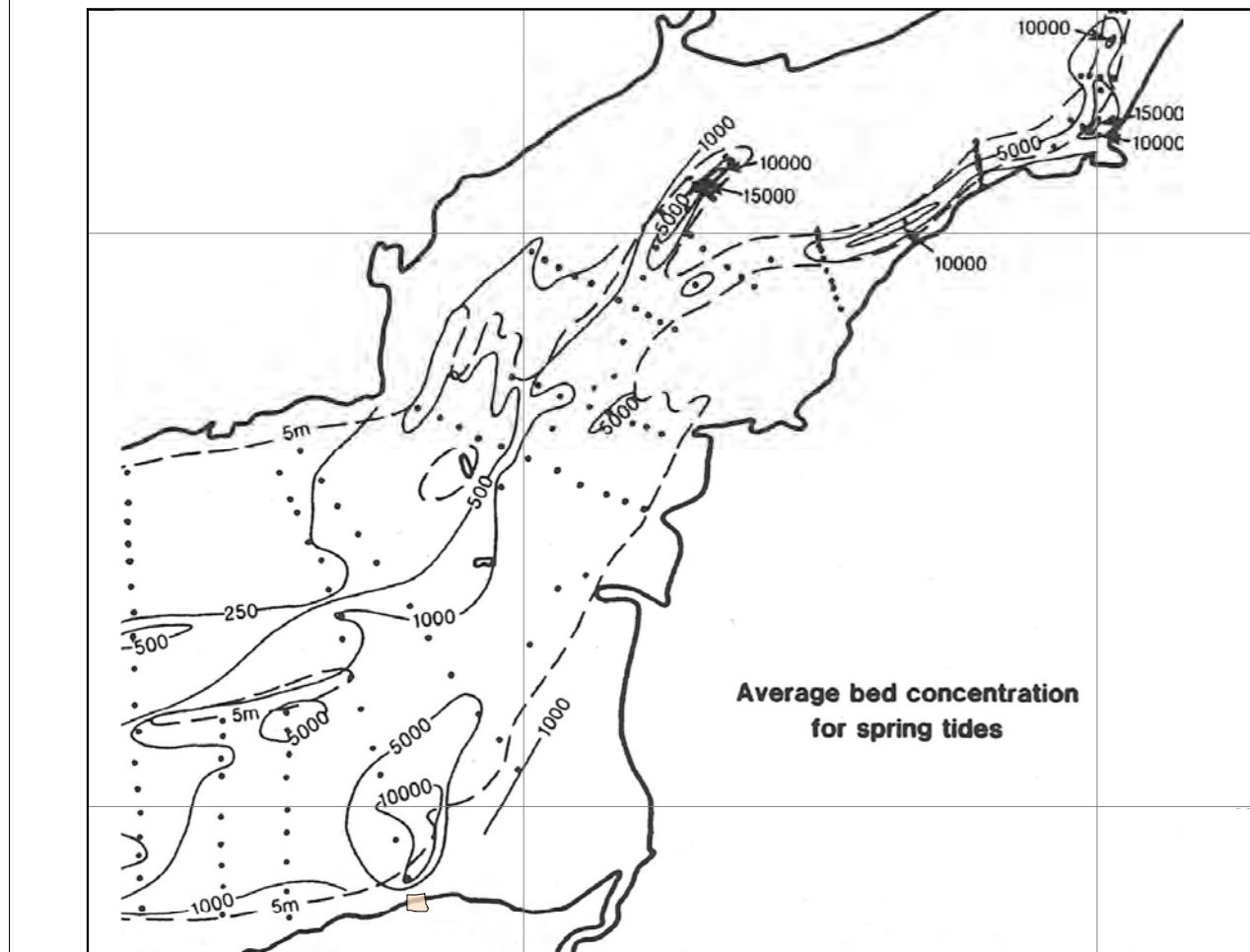
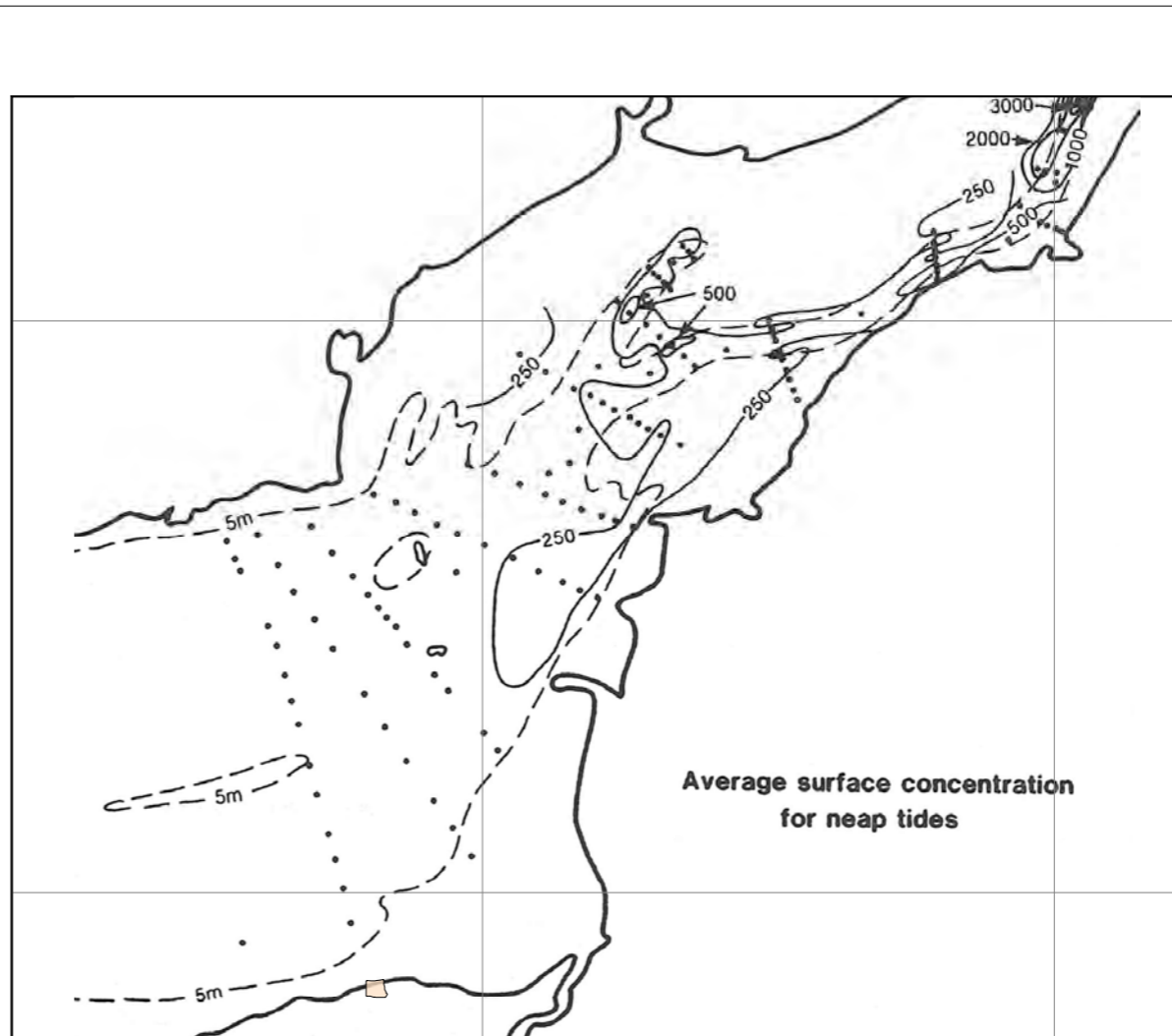
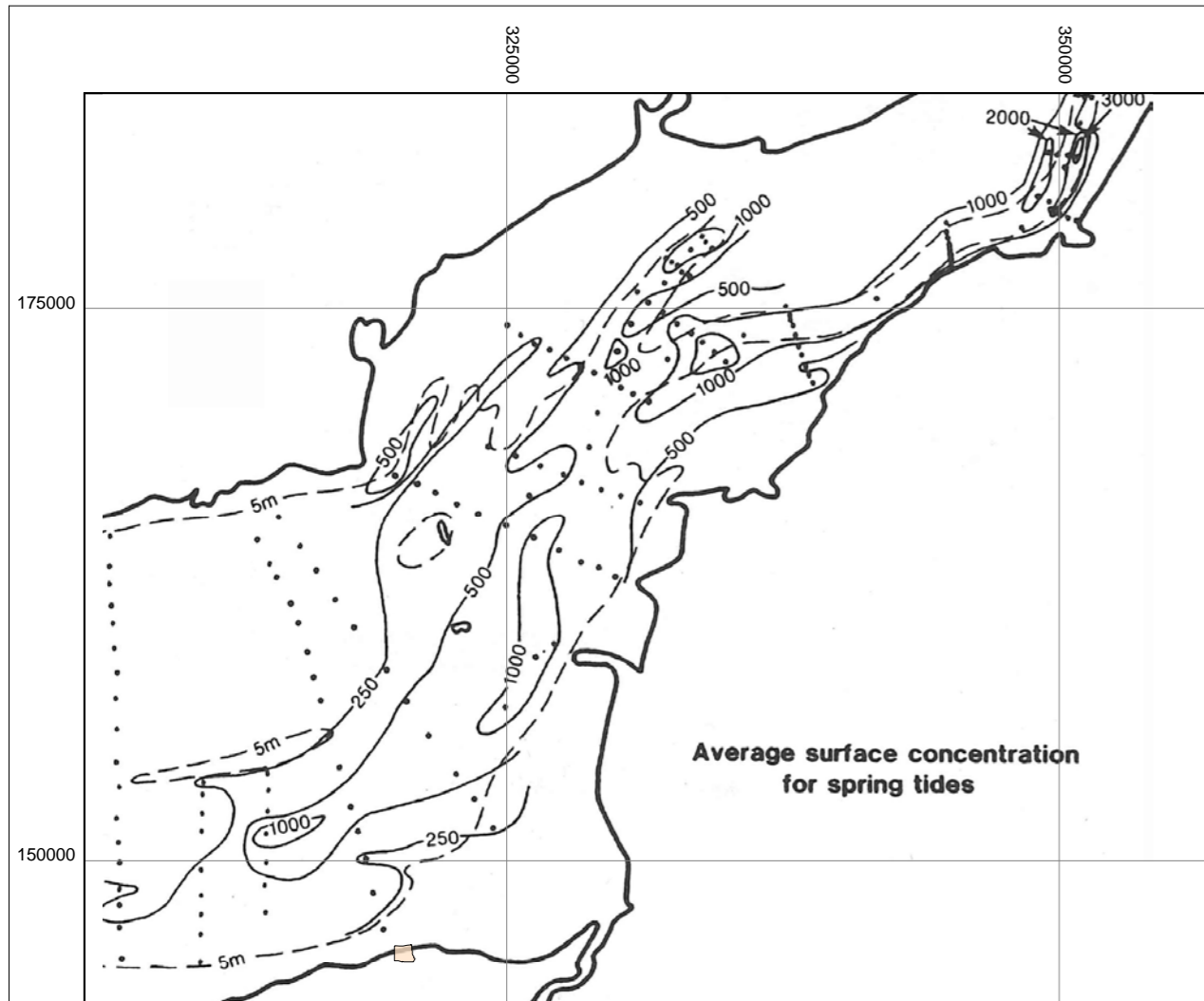
DOCUMENT:
**HINKLEY POINT C PROJECT
 ENVIRONMENTAL STATEMENT
 VOLUME 2 CHAPTER 17**

FIGURE TITLE:
**SCHEMATISED CIRCULATION OF SAND GRADE
 MATERIAL IN THE INNER BRISTOL CHANNEL
 AND SEVERN ESTUARY**

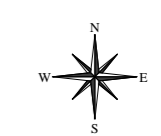
FIGURE NO: **FIGURE 17.13** REVISION: **01**

DATE: **SEPT 2011** DRAWN: **C.L.** SCALE: **1:250000 @ A3**





KEY
 PROPOSED HINKLEY POINT C POWER STATION



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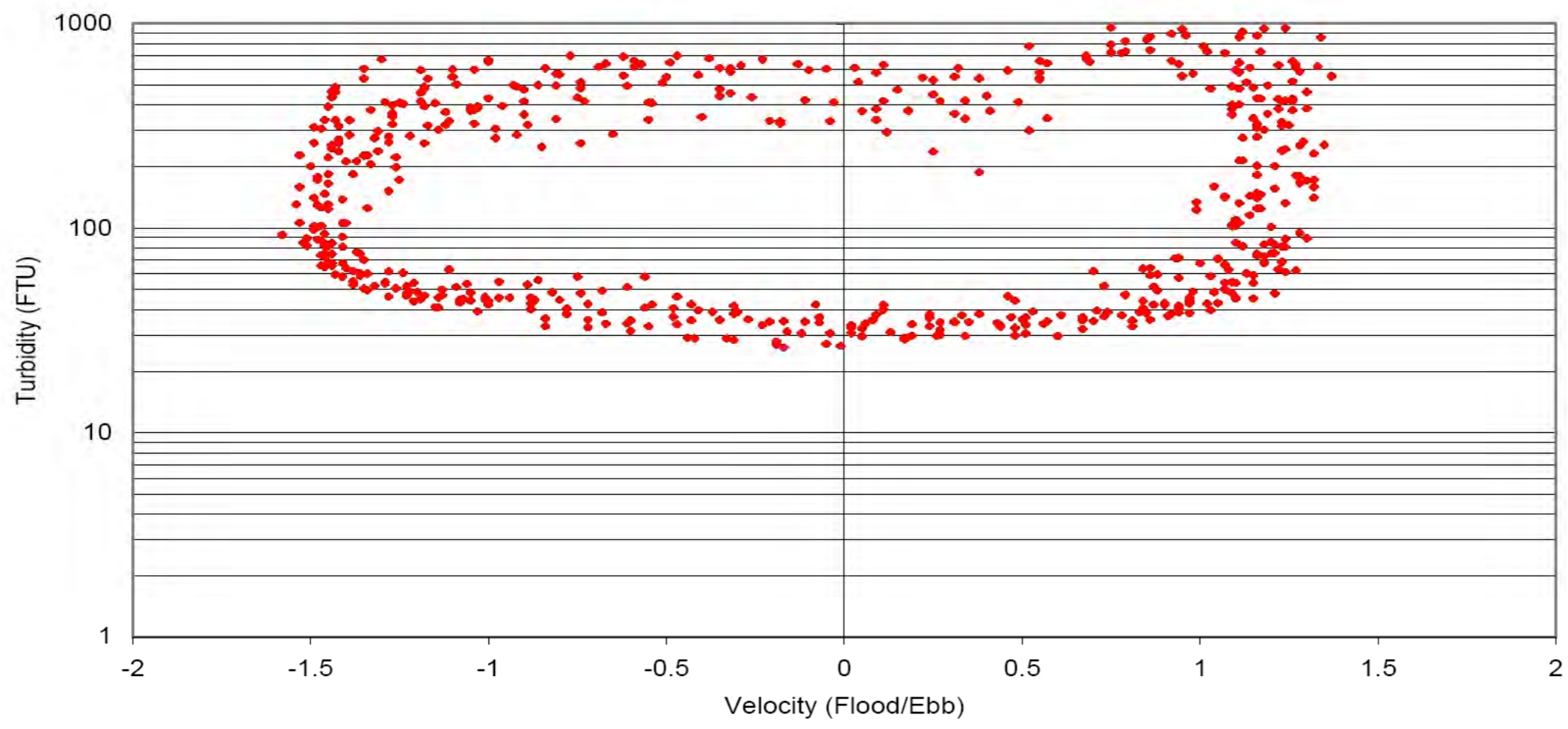


DOCUMENT:
HINKLEY POINT C PROJECT ENVIRONMENTAL STATEMENT VOLUME 2 CHAPTER 17

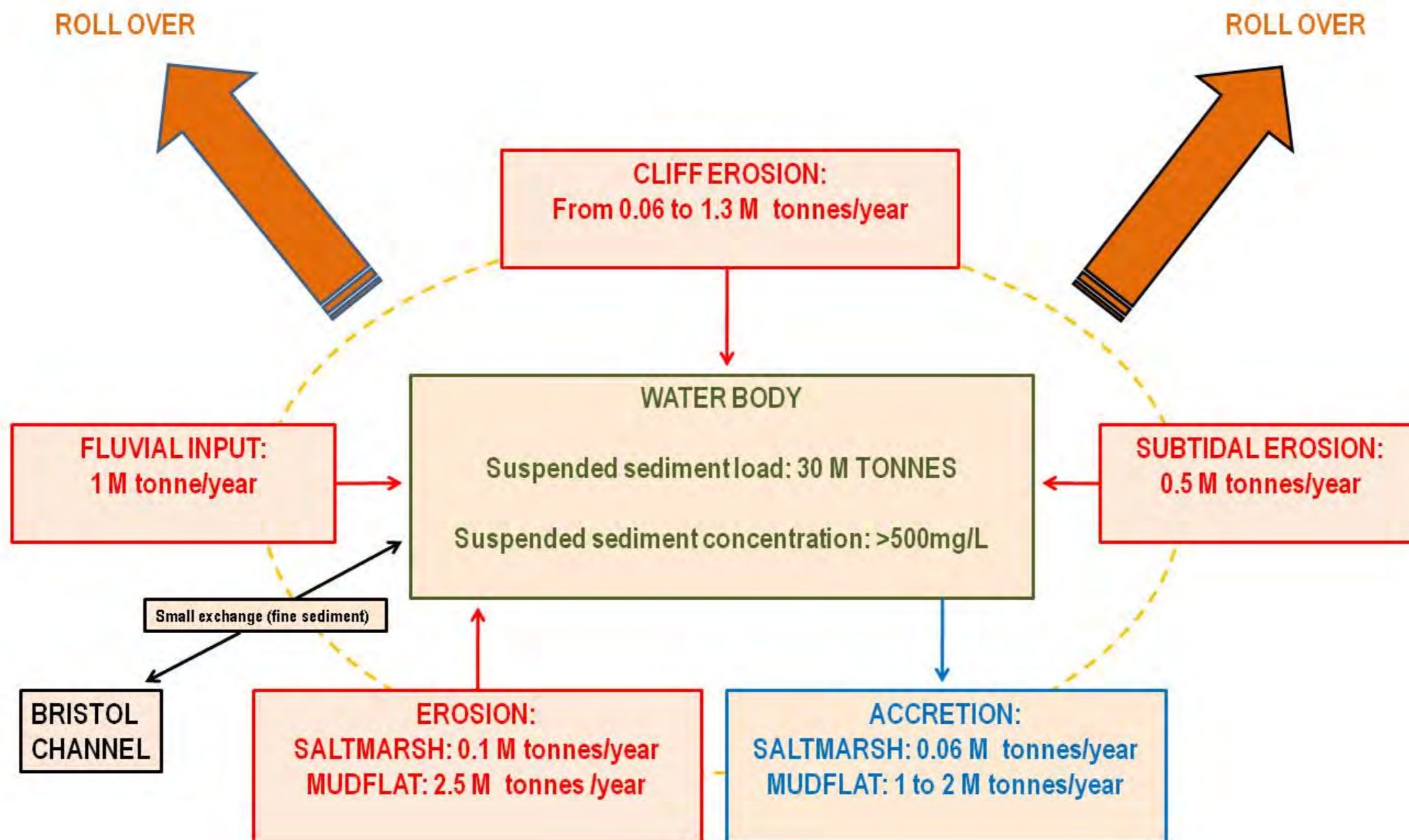
FIGURE TITLE:
DISTRIBUTION OF AVERAGE SUSPENDED SOLIDS CONCENTRATIONS

FIGURE NO: **FIGURE 17.14** REVISION: **01**
 DATE: **SEPT 2011** DRAWN: **C.L.** SCALE: **1:325000 @ A3**





DOCUMENT:		
HINKLEY POINT C PROJECT ENVIRONMENTAL STATEMENT VOLUME 2 CHAPTER 17		
FIGURE TITLE:		
SUSPENDED SEDIMENT HYSTERESIS - TURBIDITY (FTU) VS SPEED (m/s) - SPRING TIDES AT SITE H6 (SEE FIGURE 17.2)		
FIGURE NO:	REVISION:	
FIGURE 17.15	01	
DATE:	DRAWN:	SCALE:
SEPT 2011	C.L.	
SCALE BAR		



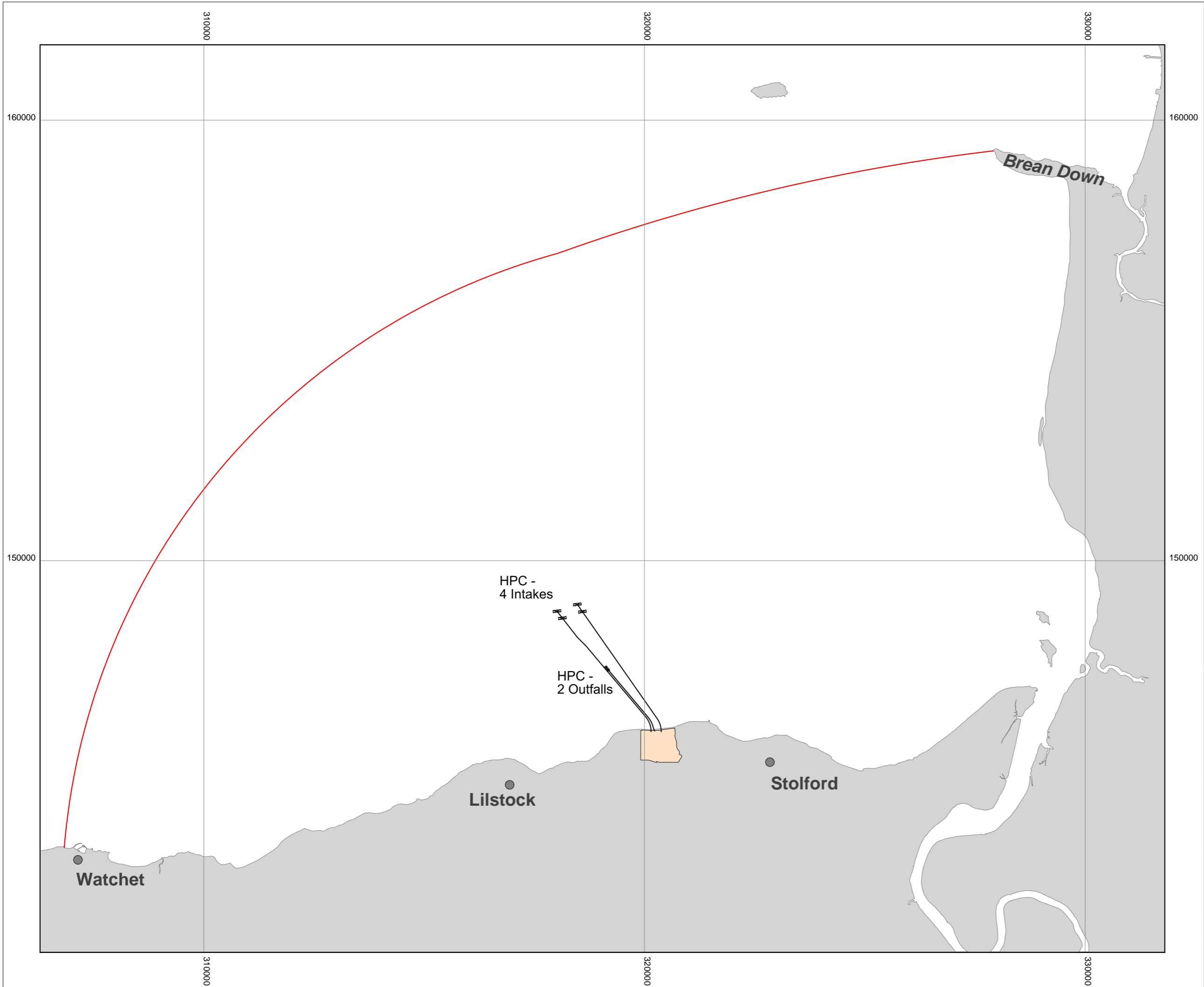
DOCUMENT:
HINKLEY POINT C PROJECT
ENVIRONMENTAL STATEMENT
VOLUME 2 CHAPTER 17

FIGURE TITLE:
SEDIMENT BUDGET SCHEMATIC FOR
THE SEVERN ESTUARY

FIGURE NO: FIGURE 17.16 REVISION: 01

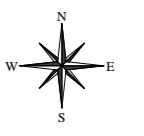
DATE: SEPT 2011 DRAWN: C.L. SCALE:

SCALE BAR



KEY

- PROPOSED HINKLEY POINT C POWER STATION
- EXTEND OF SURVEY AREA



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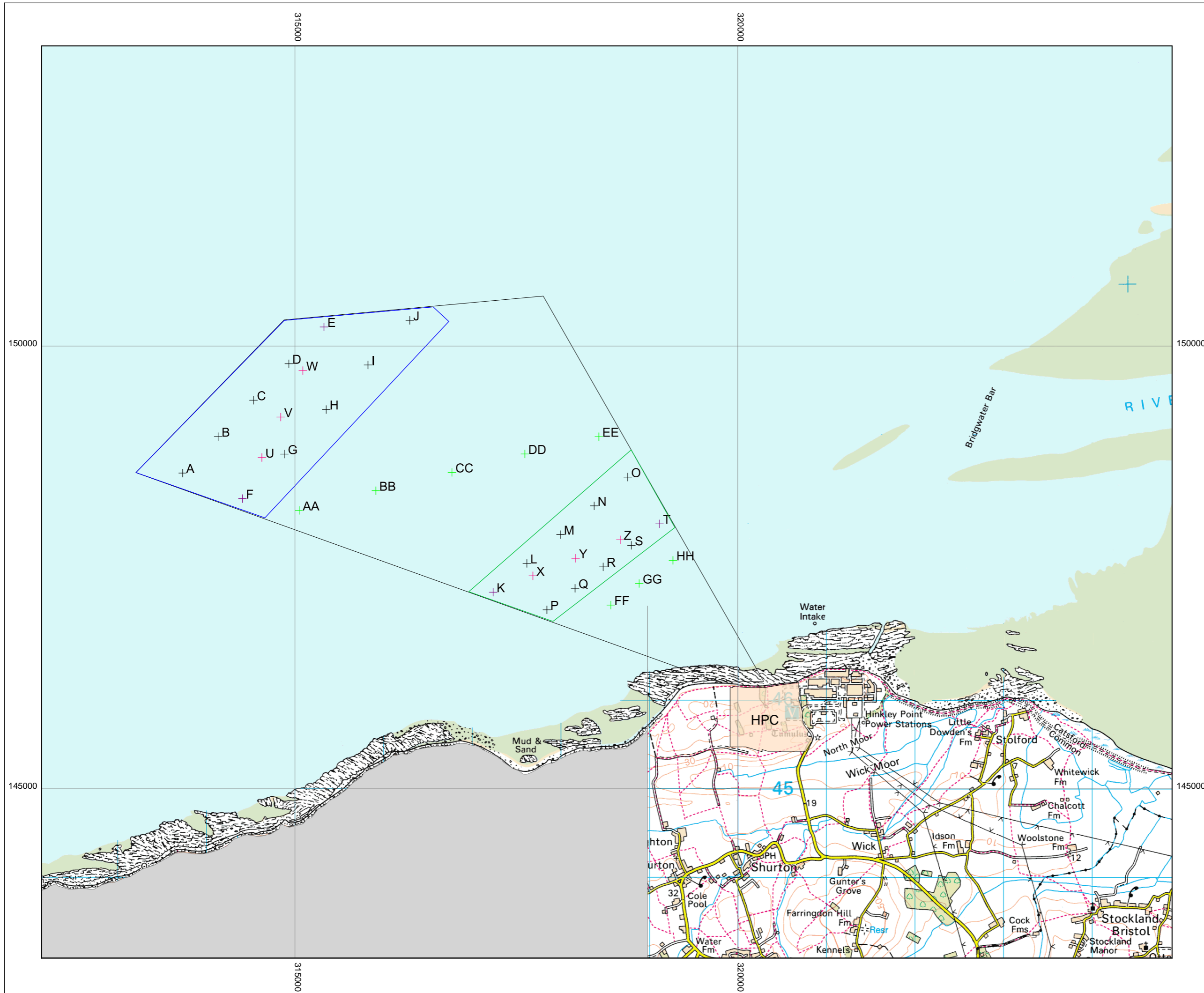
DOCUMENT:
HINKLEY POINT C PROJECT ENVIRONMENTAL STATEMENT VOLUME 2 CHAPTER 18

FIGURE TITLE:
BRIDGWATER BAY SHOWING THE AREA STUDIED FOR MARINE WATER AND SEDIMENT QUALITY

FIGURE NO: **FIGURE 18.1** REVISION: **01**

DATE: **SEPT 2011** DRAWN: **C.L.** SCALE: **1:80000 @ A3**





KEY

- PROPOSED HINKLEY POINT C POWER STATION
- SAMPLING LOCATIONS**
- NEARSHORE SAMPLING ZONE
- OFFSHORE SAMPLING ZONE
- WATER QUALITY SAMPLING POINT
- WATER QUALITY PROFILING LOCATION
- WATER QUALITY SAMPLING POINT AND WATER QUALITY PROFILING LOCATION
- ADDITIONAL POTENTIAL SAMPLING LOCATION - POTENTIAL WQ/PROFILING LOCATION



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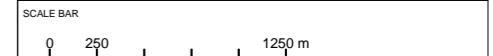


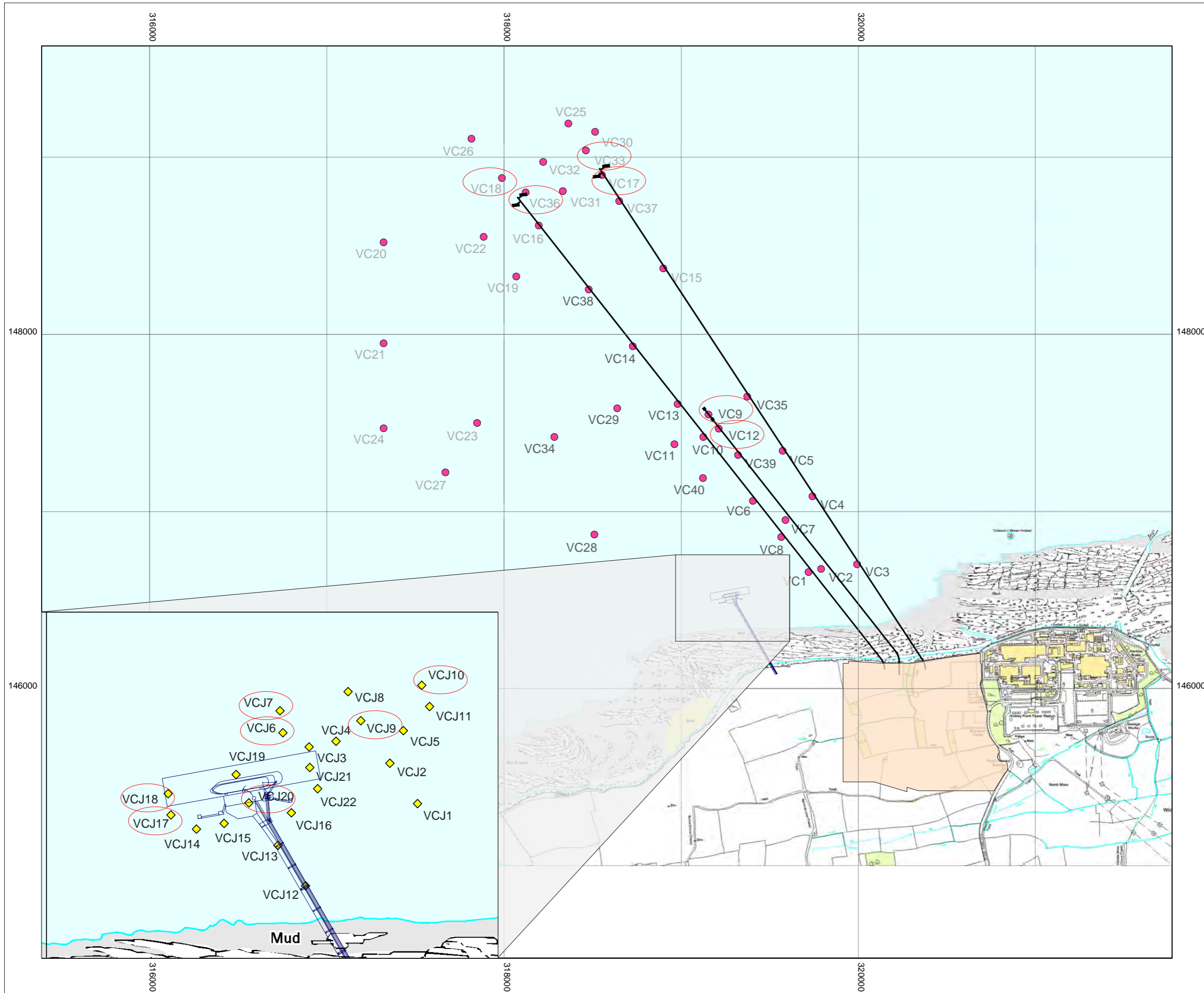
DOCUMENT:
HINKLEY POINT C PROJECT ENVIRONMENTAL STATEMENT VOLUME 2 CHAPTER 18

FIGURE TITLE:
LOCATION OF SAMPLING POINTS DURING THE AMEC MARINE WATER QUALITY SURVEY CAMPAIGNS

FIGURE NO: **FIGURE 18.2** REVISION: **01**

DATE: **SEPT 2011** DRAWN: **C.L.** SCALE: **1:40000 @ A3**





- KEY**
- PROPOSED HINKLEY POINT C POWER STATION
 - AGGREGATE JETTY
 - VIBRO CORE SAMPLE POINTS NEAR COOLING WATER INTAKE AND OUTFALL STRUCTURES
 - VIBRO CORE SAMPLING POINTS NEAR AGGREGATE JETTY

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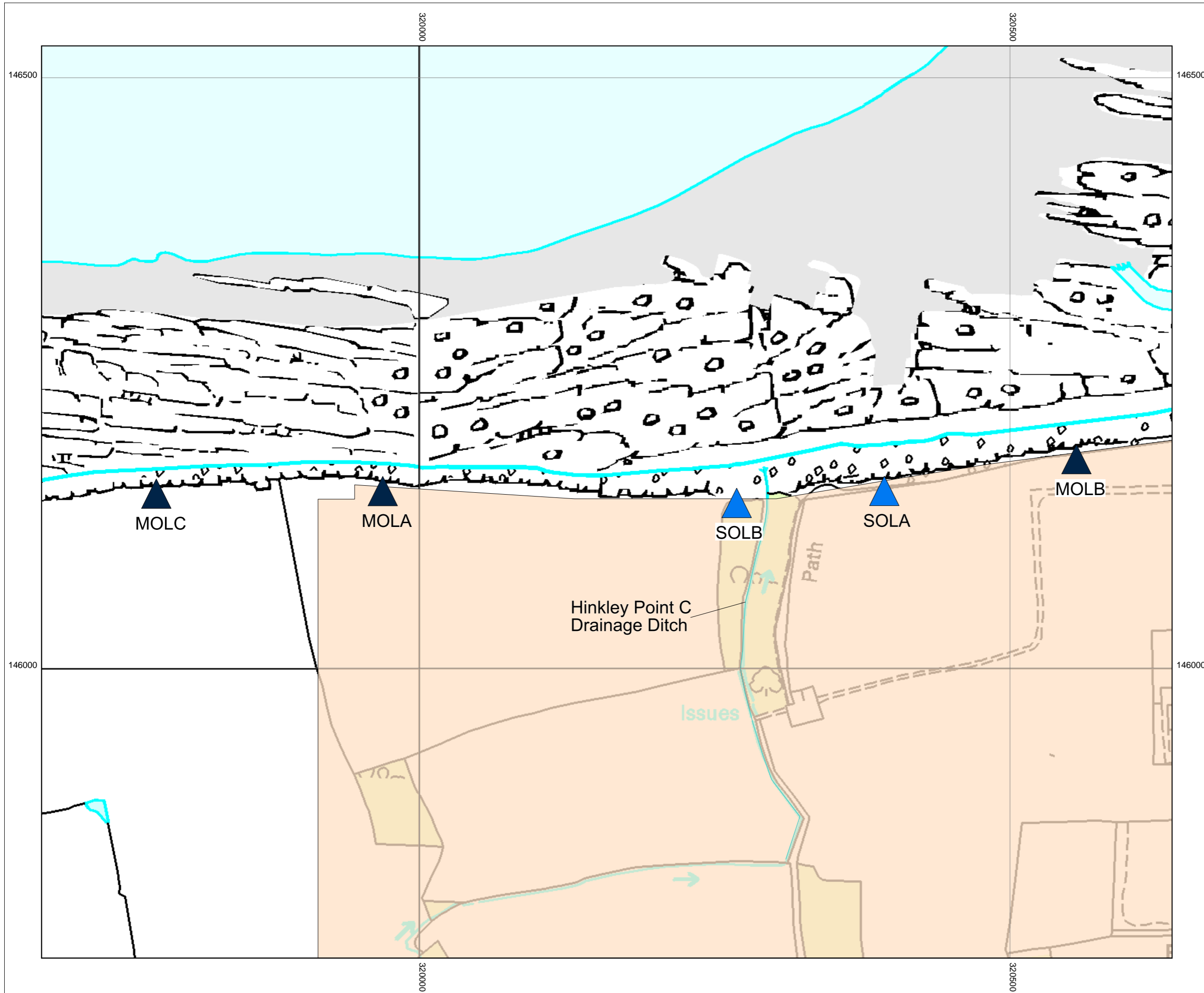
DOCUMENT:
HINKLEY POINT C PROJECT ENVIRONMENTAL STATEMENT VOLUME 2 CHAPTER 18

FIGURE TITLE:
LOCATIONS WHERE SEDIMENT CORES WERE COLLECTED BY FUGRO FOR MARINE SEDIMENT ASSESSMENT

FIGURE NO: **FIGURE 18.3** REVISION: **01**

DATE: **SEPT 2011** DRAWN: **C.L.** SCALE: **1:20000 @ A3**





- KEY**
- PROPOSED HINKLEY POINT C POWER STATION
 - MULTIPLE OUTFALL LOCATIONS A-C (MOLA-MOLC)
 - SINGLE OUTFALL LOCATIONS A AND B (SOLA AND SOLB)



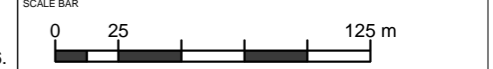
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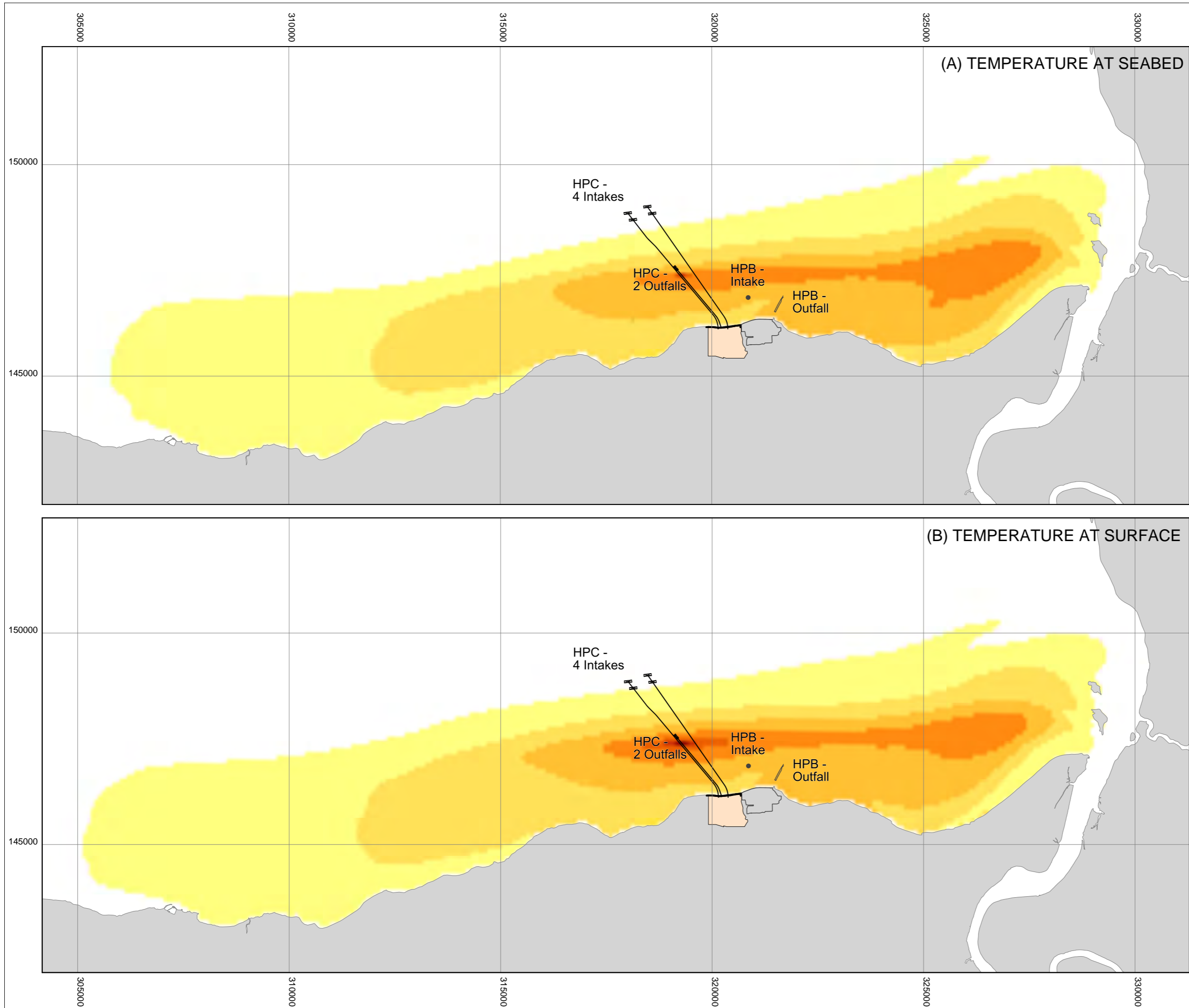


DOCUMENT:
HINKLEY POINT C PROJECT ENVIRONMENTAL STATEMENT VOLUME 2 CHAPTER 18

FIGURE TITLE:
PROPOSED LOCATIONS OF THE CONSTRUCTION OUTFALL TESTED BY NUMERICAL HYDRAULIC MODELLING. LOCATION SOLA IS THE CHOSEN LOCATION.

FIGURE NO: FIGURE 18.4	REVISION: 01
DATE: SEPT 2011	DRAWN: B.B.
SCALE: 1:3000 @ A3	



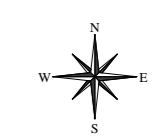


KEY

- PROPOSED HINKLEY POINT C POWER STATION
- HINKLEY POINT A AND B SIGNIFICANT STRUCTURES

DEGREES CELSIUS

- 0.5
- 1.0
- 1.5
- 2.0
- 2.5
- 3.0
- 3.5
- 4.0



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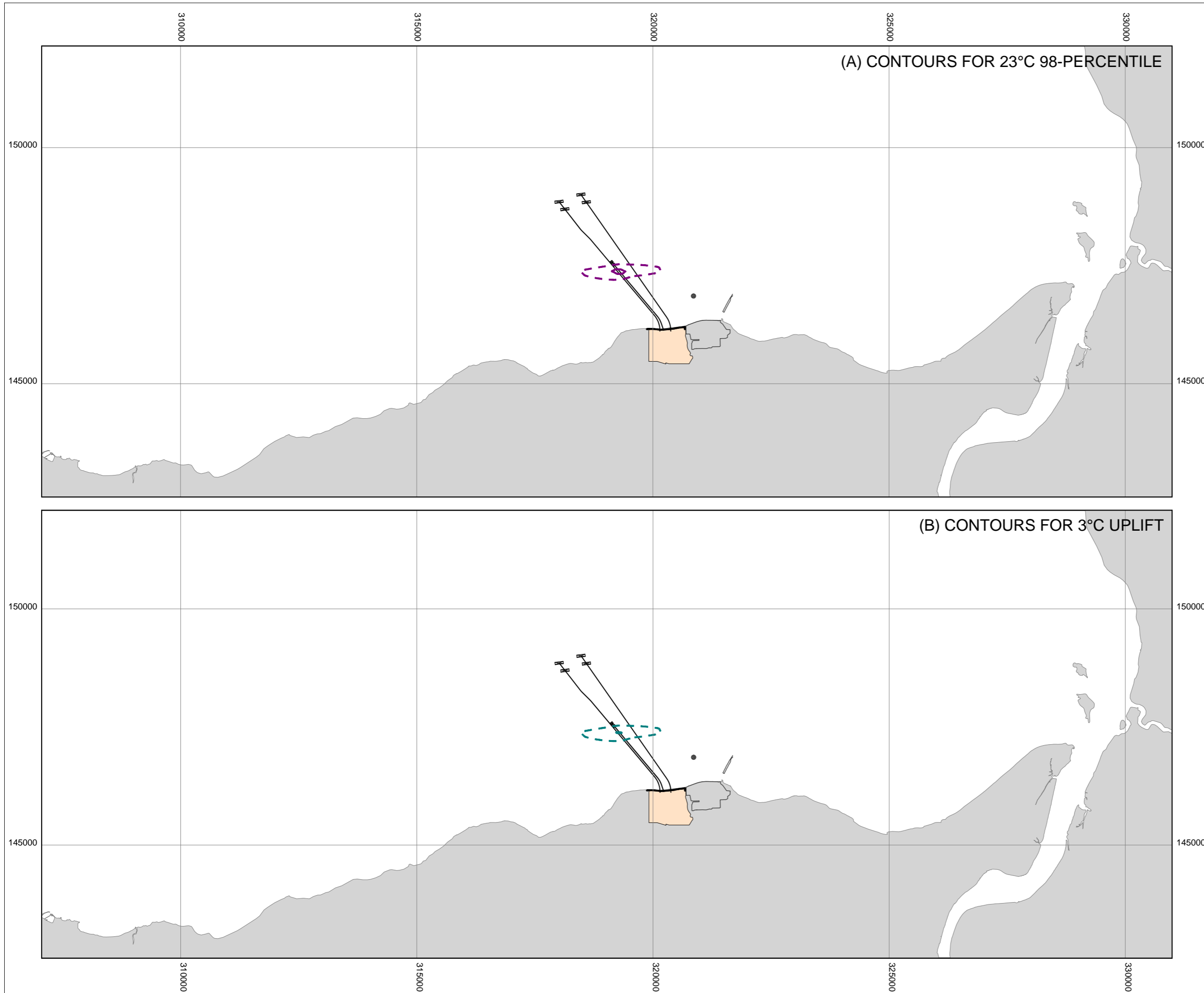


DOCUMENT:
HINKLEY POINT C PROJECT ENVIRONMENTAL STATEMENT VOLUME 2 CHAPTER 18

FIGURE TITLE:
THERMAL PLUME FROM HINKLEY POINT C OPERATING AT 100% IN ISOLATION, SHOWING SPATIAL SCALE OF EXCESS TEMPERATURE

FIGURE NO: FIGURE 18.5	REVISION: 01
DATE: SEPT 2011	DRAWN: B.B.
SCALE: 1:85000 @ A3	





(A) CONTOURS FOR 23°C 98-PERCENTILE

(B) CONTOURS FOR 3°C UPLIFT

- KEY**
- PROPOSED HINKLEY POINT C POWER STATION
 - HINKLEY POINT A AND B SIGNIFICANT STRUCTURES
- THERMAL CONTOURS**
- 23°C DEGREES AT SURFACE
 - 23°C DEGREES AT BED
 - 3°C DEGREES UPLIFT AT SURFACE
 - 3°C DEGREES UPLIFT AT BED



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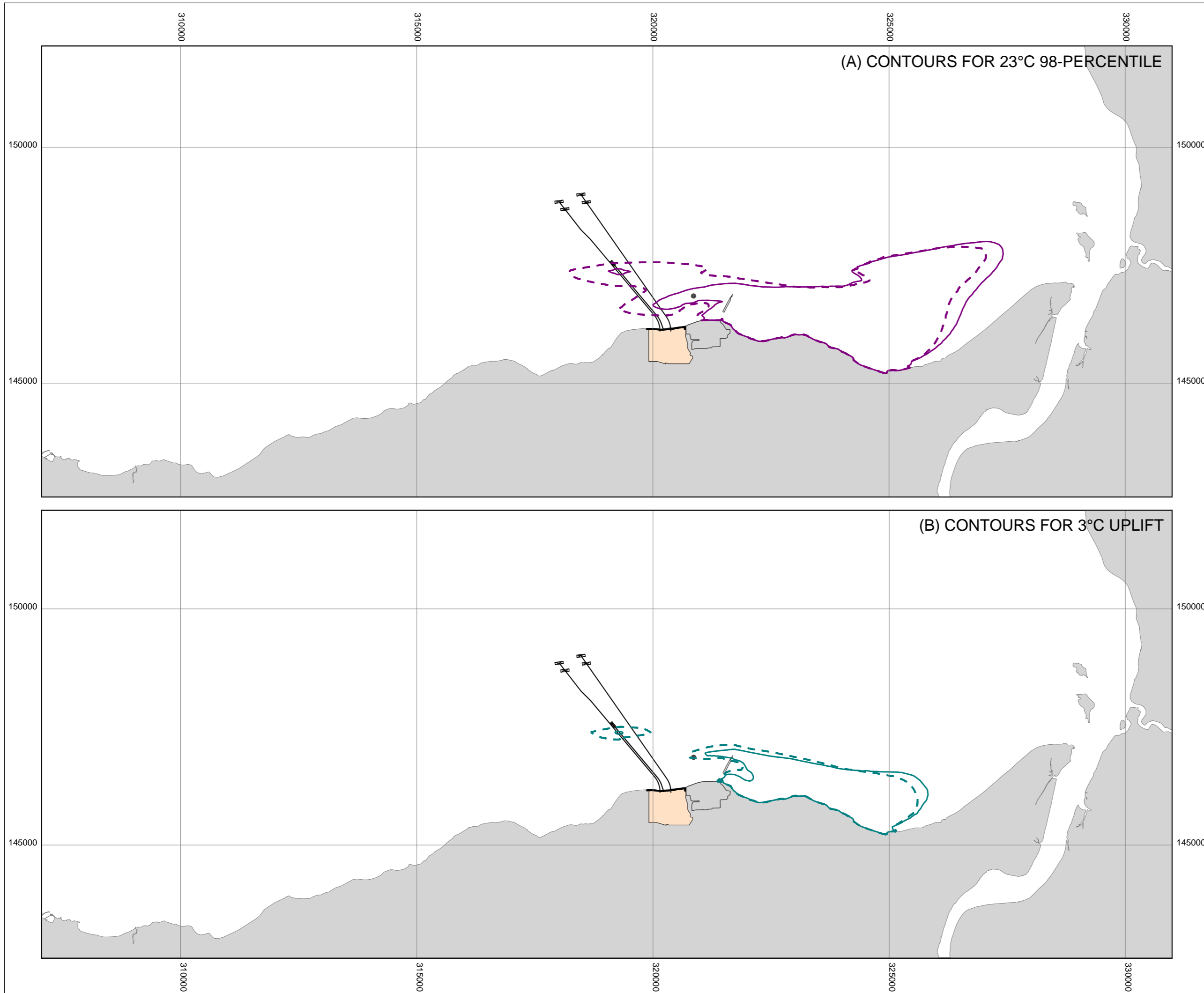


DOCUMENT:
HINKLEY POINT C PROJECT ENVIRONMENTAL STATEMENT VOLUME 2 CHAPTER 18

FIGURE TITLE:
MIXING ZONES FOR THERMAL IMPACT FROM HPC OPERATING AT 100% IN ISOLATION (RUN C)

FIGURE NO: FIGURE 18.6	REVISION: 01
DATE: SEPT 2011	DRAWN: C.L.
SCALE: 1:75000 @ A3	





(A) CONTOURS FOR 23°C 98-PERCENTILE

(B) CONTOURS FOR 3°C UPLIFT

KEY

- PROPOSED HINKLEY POINT C POWER STATION
- HINKLEY POINT A AND B SIGNIFICANT STRUCTURES

THERMAL CONTOURS

- 23°C DEGREES AT SURFACE
- 23°C DEGREES AT BED
- 3°C DEGREES UPLIFT AT SURFACE
- 3°C DEGREES UPLIFT AT BED



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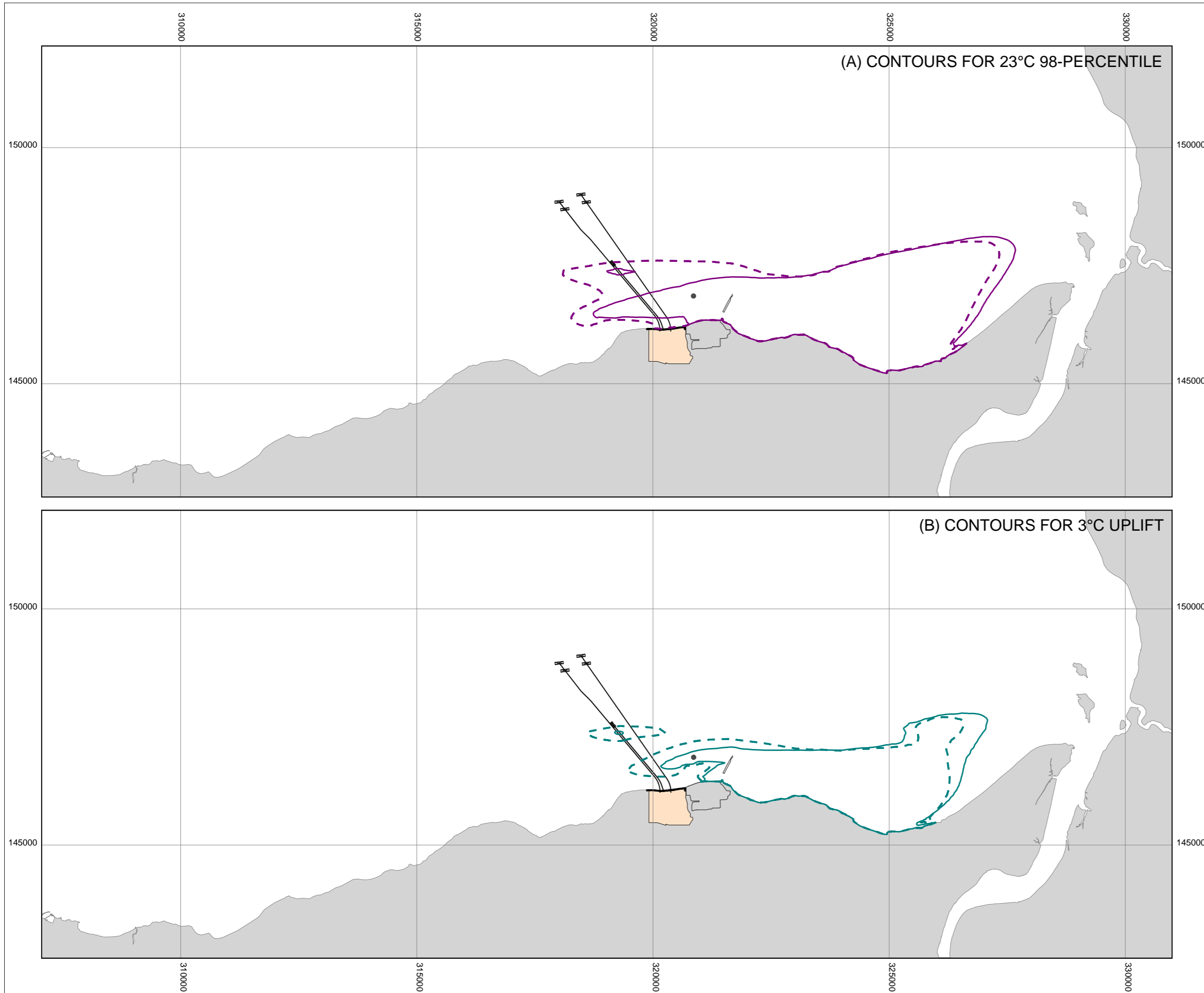


DOCUMENT:
HINKLEY POINT C PROJECT ENVIRONMENTAL STATEMENT VOLUME 2 CHAPTER 18

FIGURE TITLE:
MIXING ZONES FOR THERMAL IMPACT FROM HPC OPERATING AT 100% IN COMBINATION WITH HPB OPERATING AT 70% (RUN D)

FIGURE NO: FIGURE 18.7	REVISION: 01
DATE: SEPT 2011	DRAWN: C.L.
SCALE: 1:75000 @ A3	





(A) CONTOURS FOR 23°C 98-PERCENTILE

(B) CONTOURS FOR 3°C UPLIFT

KEY

- PROPOSED HINKLEY POINT C POWER STATION
- HINKLEY POINT A AND B SIGNIFICANT STRUCTURES

THERMAL CONTOURS

- 23°C DEGREES AT SURFACE
- 23°C DEGREES AT BED
- 3°C DEGREES UPLIFT AT SURFACE
- 3°C DEGREES UPLIFT AT BED



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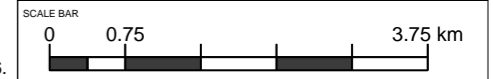


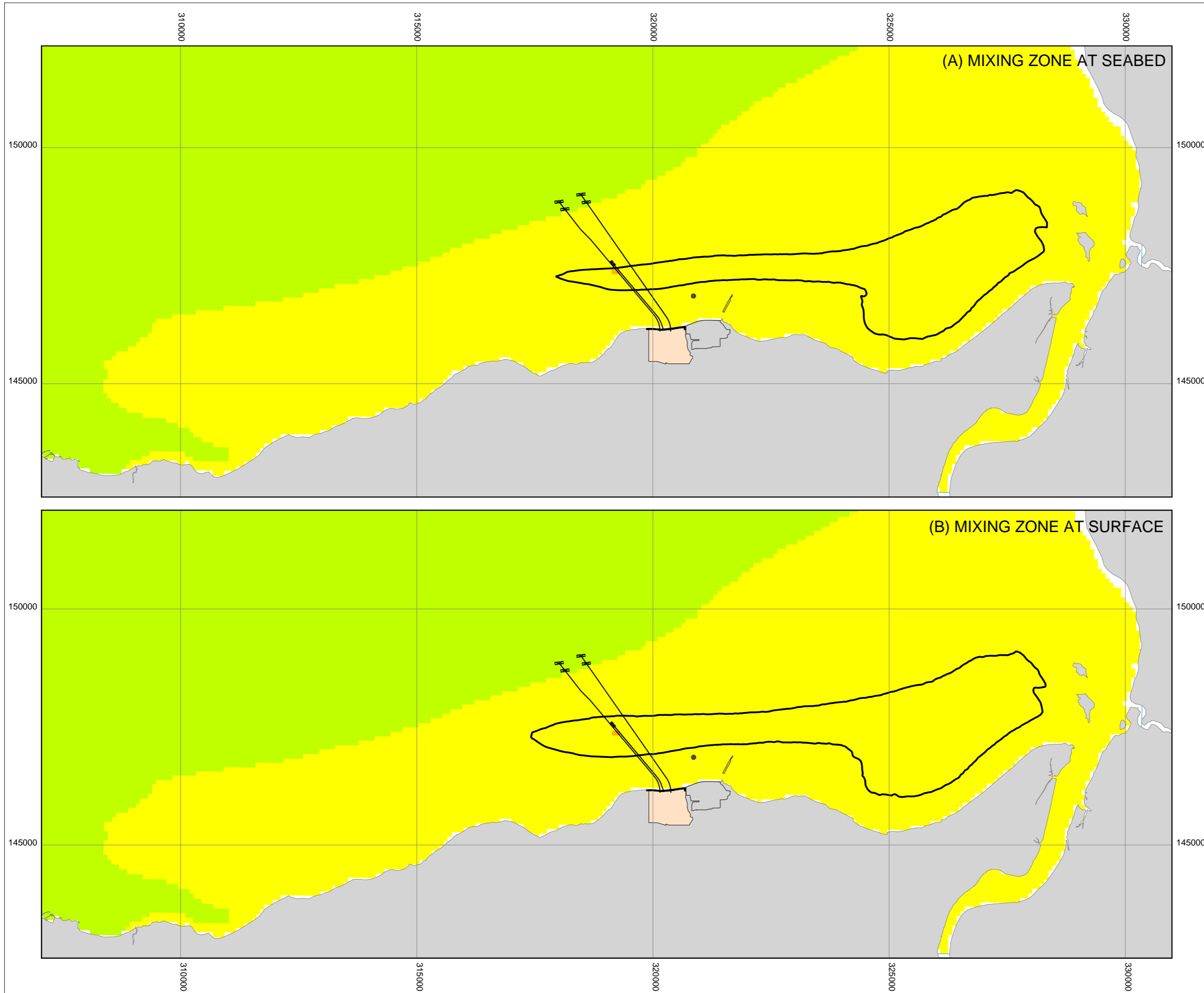
DOCUMENT:
HINKLEY POINT C PROJECT ENVIRONMENTAL STATEMENT VOLUME 2 CHAPTER 18

FIGURE TITLE:
MIXING ZONES FOR THERMAL IMPACT FROM HPC OPERATING AT 100% IN COMBINATION WITH HPB OPERATING AT 100% (RUN E)

FIGURE NO: **FIGURE 18.8** REVISION: **01**

DATE: **SEPT 2011** DRAWN: **C.L.** SCALE: **1:75000 @ A3**





KEY

- PROPOSED HINKLEY POINT C POWER STATION
- HINKLEY POINT A AND B SIGNIFICANT STRUCTURES

OXYGEN CONCENTRATION [mg/l]
(CONSIDERING BIOLOGICAL DEMAND)

4 8

— MIXING ZONE FOR 6.2mg/l



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DOCUMENT:

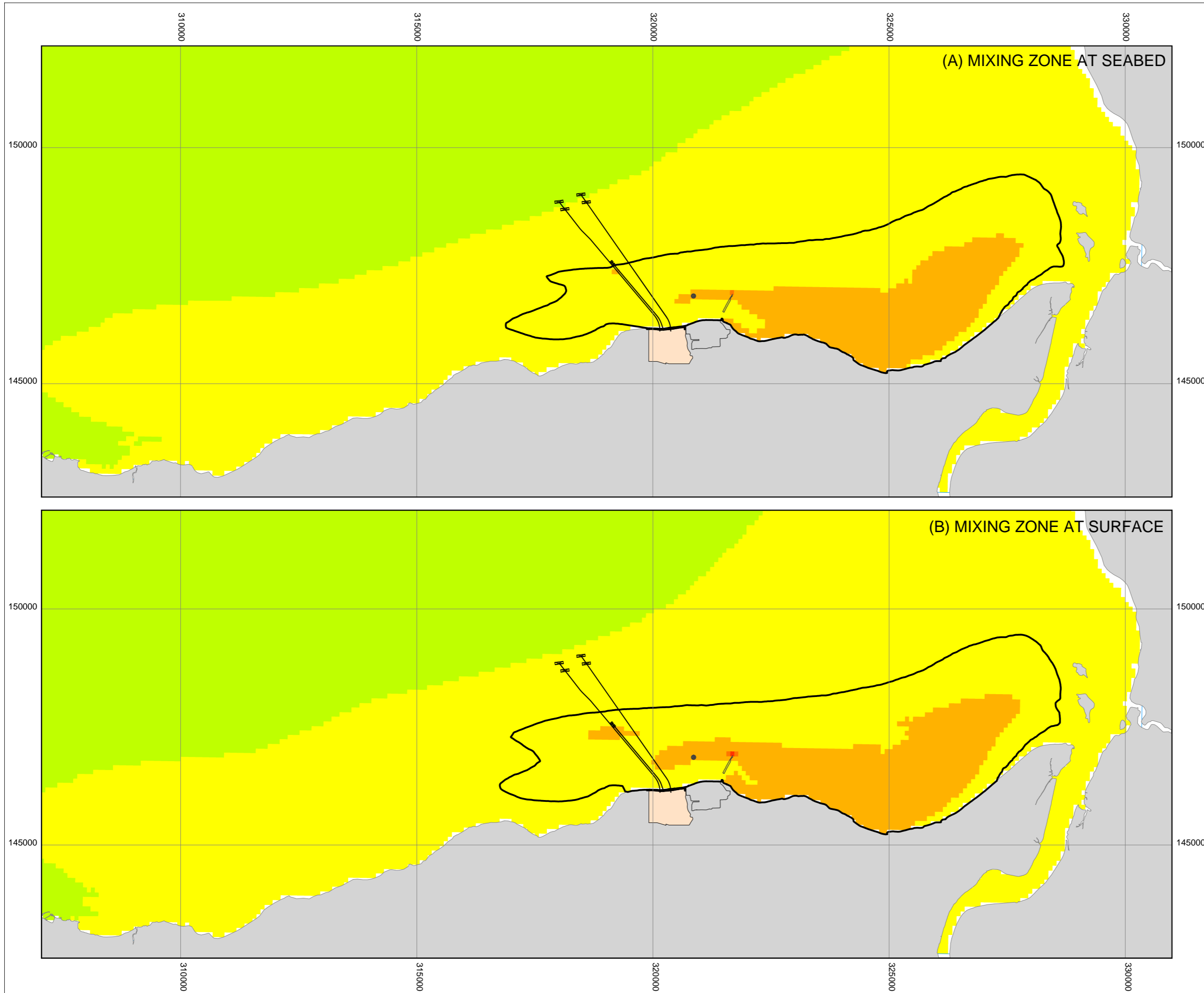
**HINKLEY POINT C PROJECT
ENVIRONMENTAL STATEMENT
VOLUME 2 CHAPTER 18**

FIGURE TITLE:

DISSOLVED OXYGEN (DO) CONCENTRATIONS IN BRIDGWATER BAY WITH HPC OPERATING AT 100% IN ISOLATION (RUN C)

FIGURE NO: FIGURE 18.9	REVISION: 01
DATE: SEPT 2011	DRAWN: B.B.
SCALE: 1:75000 @ A3	





KEY

- PROPOSED HINKLEY POINT C POWER STATION
- HINKLEY POINT A AND B SIGNIFICANT STRUCTURES

OXYGEN CONCENTRATION [mg/l]
(CONSIDERING BIOLOGICAL DEMAND)

4 8

— MIXING ZONE FOR 6.2mg/l



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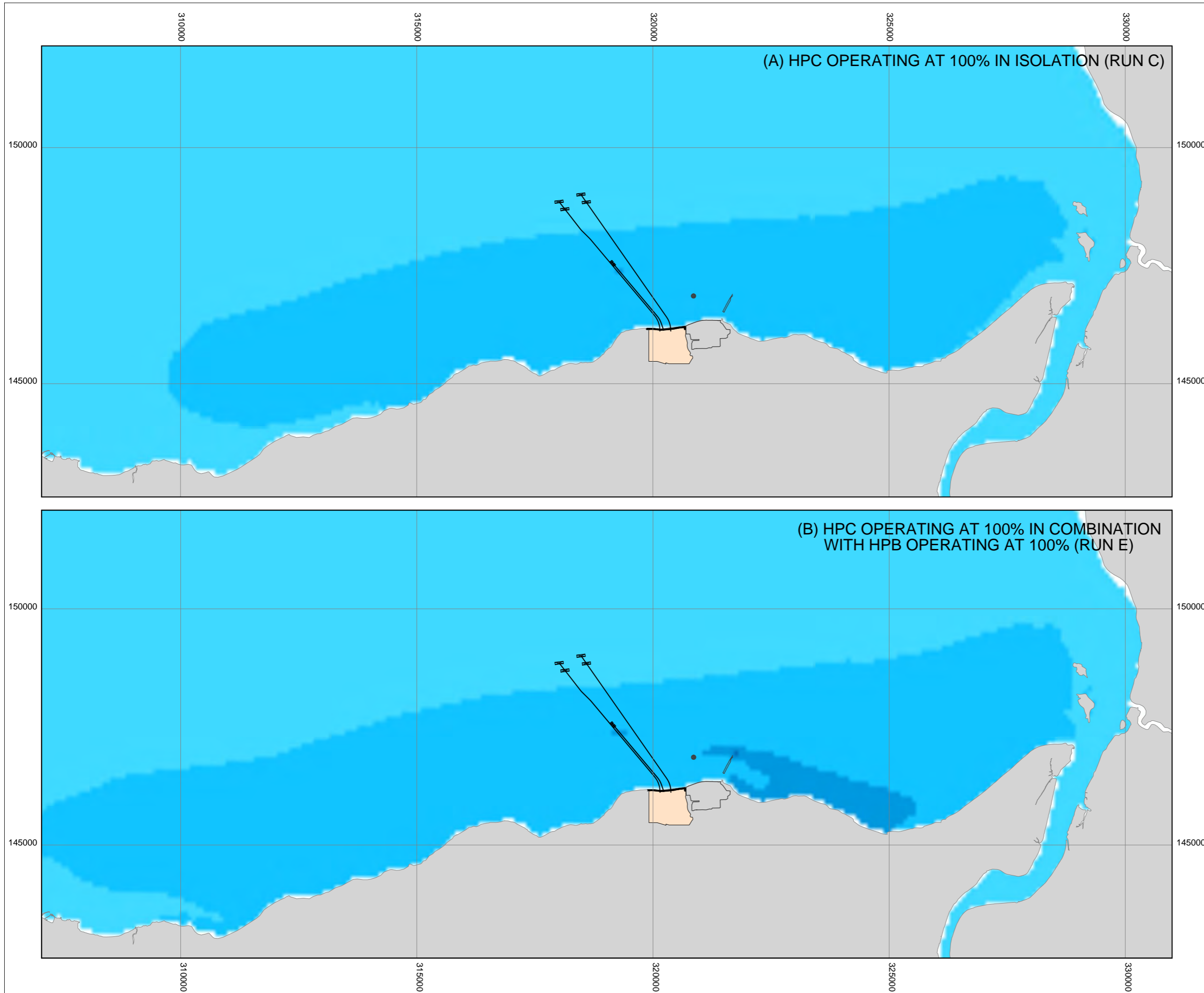


DOCUMENT:
HINKLEY POINT C PROJECT ENVIRONMENTAL STATEMENT VOLUME 2 CHAPTER 18

FIGURE TITLE:
DISSOLVED OXYGEN (DO) CONCENTRATIONS IN BRIDGWATER BAY WITH HPC OPERATING AT 100% IN COMBINATION WITH HPB OPERATING AT 100% (RUN E)

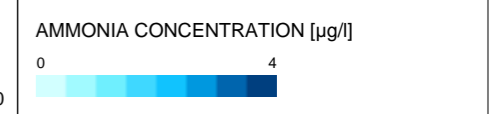
FIGURE NO: FIGURE 18.10	REVISION: 01
DATE: SEPT 2011	DRAWN: B.B.
SCALE: 1:75000 @ A3	





KEY

- PROPOSED HINKLEY POINT C POWER STATION
- HINKLEY POINT A AND B SIGNIFICANT STRUCTURES



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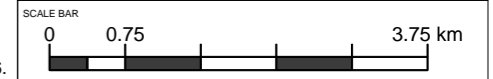
HINKLEY POINT C PROJECT ENVIRONMENTAL STATEMENT VOLUME 2 CHAPTER 18

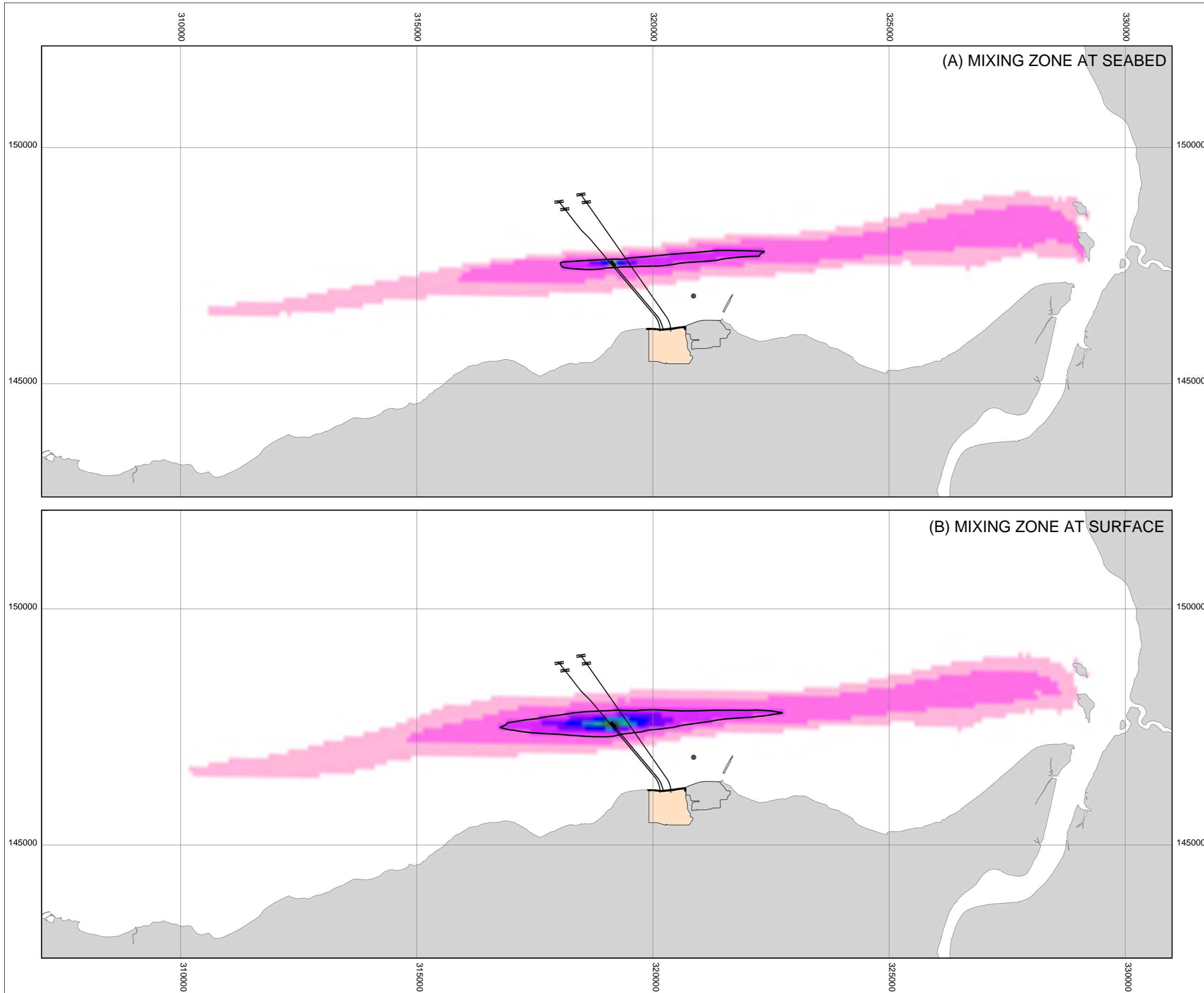
FIGURE TITLE:

UNIONISED AMMONIA CONCENTRATIONS IN BRIDGWATER BAY

FIGURE NO: **FIGURE 18.11** REVISION: **01**

DATE: **SEPT 2011** DRAWN: **B.B.** SCALE: **1:75000 @ A3**





KEY

- PROPOSED HINKLEY POINT C POWER STATION
- HINKLEY POINT A AND B SIGNIFICANT STRUCTURES

HYDRAZINE [$\mu\text{g/l}$]

>0.0001 - 0.0002	>0.0012 - 0.0014
>0.0002 - 0.0004	>0.0014 - 0.0016
>0.0004 - 0.0006	>0.0016 - 0.0018
>0.0006 - 0.0008	>0.0018 - 0.002
>0.0008 - 0.001	>0.0020 - 0.0022
>0.001 - 0.0012	>0.0022

CHRONIC PREDICTED NO EFFECT CONCENTRATION (PNEC)



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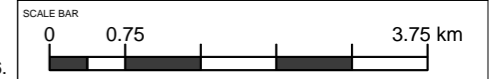


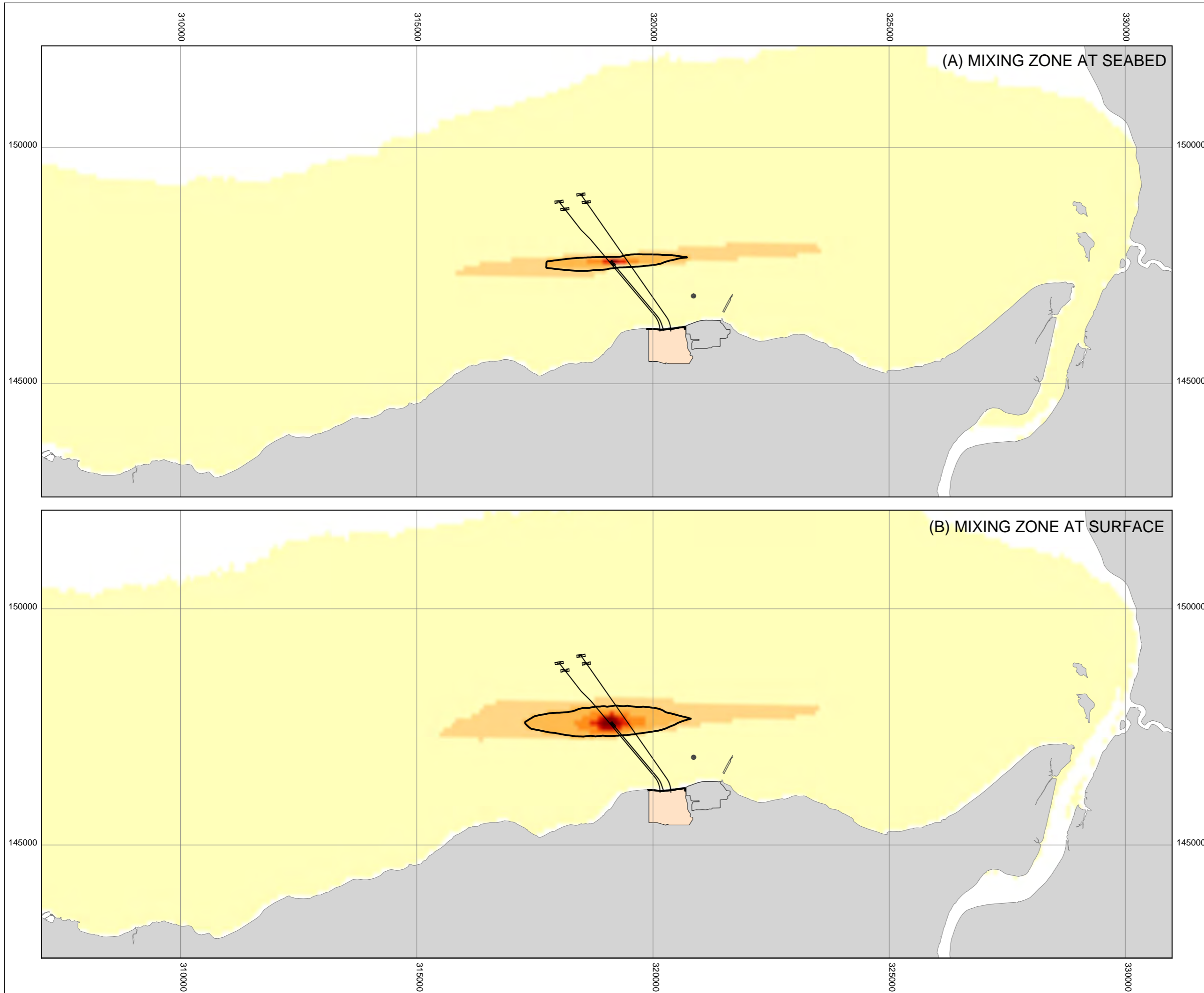
DOCUMENT:
HINKLEY POINT C PROJECT ENVIRONMENTAL STATEMENT VOLUME 2 CHAPTER 18

FIGURE TITLE:
MIXING ZONES FOLLOWING HYDRAZINE TREATMENT FOR HPC AT 100% IN ISOLATION (RUN C)

FIGURE NO: **FIGURE 18.12** REVISION: **01**

DATE: **SEPT 2011** DRAWN: **B.B.** SCALE: **1:75000 @ A3**





KEY

- PROPOSED HINKLEY POINT C POWER STATION
- HINKLEY POINT A AND B SIGNIFICANT STRUCTURES

TRO [mg/l]

- >0.0001 - 0.005
- >0.005 - 0.01
- >0.01 - 0.02
- >0.02 - 0.03
- >0.03 - 0.04
- >0.04 - 0.05
- >0.05

ENVIRONMENTAL QUALITY STANDARD (EQS)



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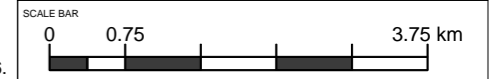


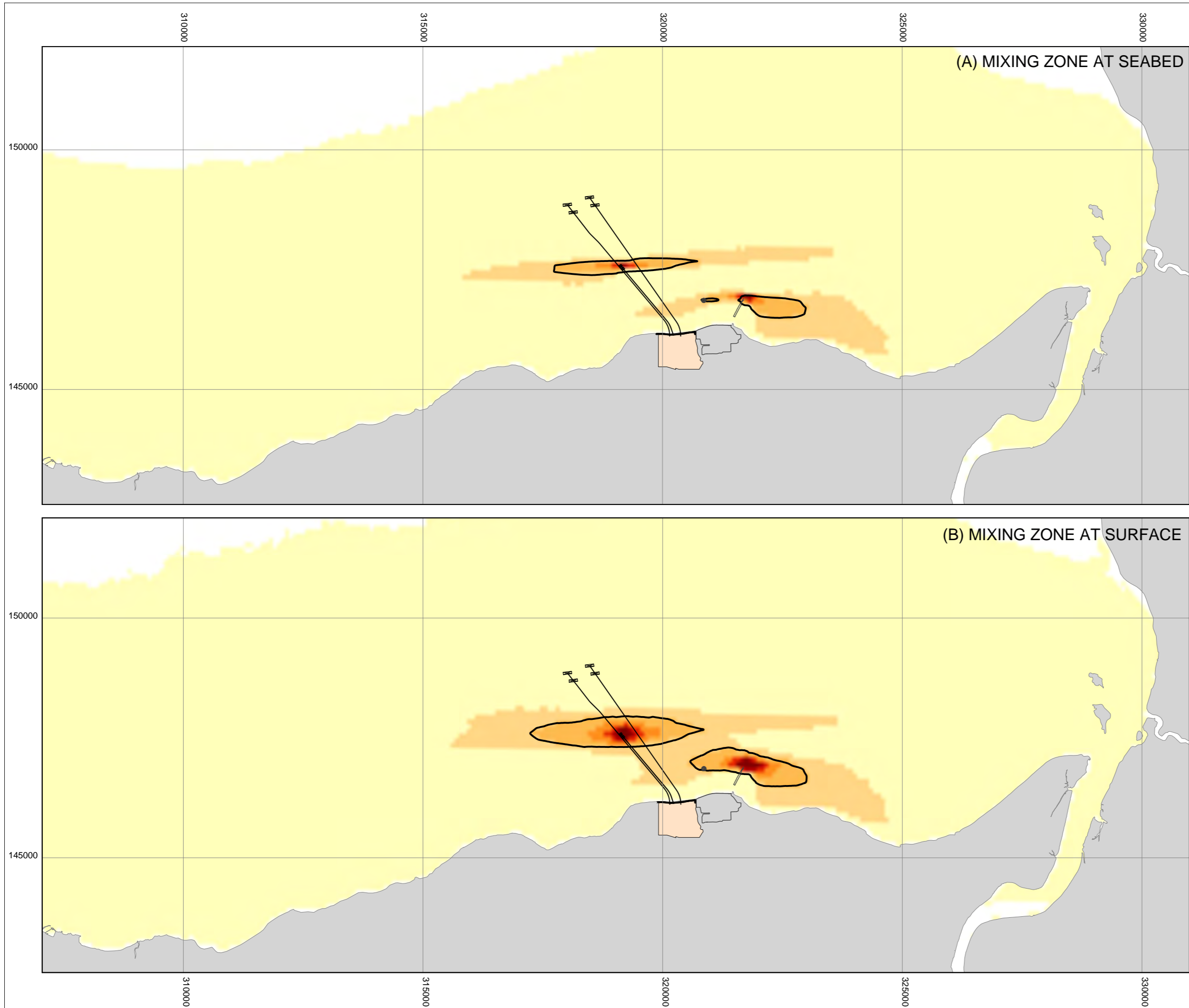
DOCUMENT:
HINKLEY POINT C PROJECT ENVIRONMENTAL STATEMENT VOLUME 2 CHAPTER 18

FIGURE TITLE:
MIXING ZONES FOLLOWING CHLORINATION AT 0.2MG/L AT HPC OPERATING AT 100% (RUN C), BASED ON THE WFD EQS, DOSING TO ACHIEVE THE SPECIFIED TRO CONCENTRATION AT THE CONDENSERS.

FIGURE NO: **FIGURE 18.13** REVISION: **01**

DATE: **SEPT 2011** DRAWN: **B.B.** SCALE: **1:75000 @ A3**





KEY

- PROPOSED HINKLEY POINT C POWER STATION
- HINKLEY POINT A AND B SIGNIFICANT STRUCTURES

TRO [mg/l]

- >0.0001 - 0.005
- >0.005 - 0.01
- >0.01 - 0.02
- >0.02 - 0.03
- >0.03 - 0.04
- >0.04 - 0.05
- >0.05

ENVIRONMENTAL QUALITY STANDARD (EQS)



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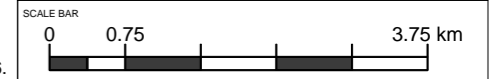


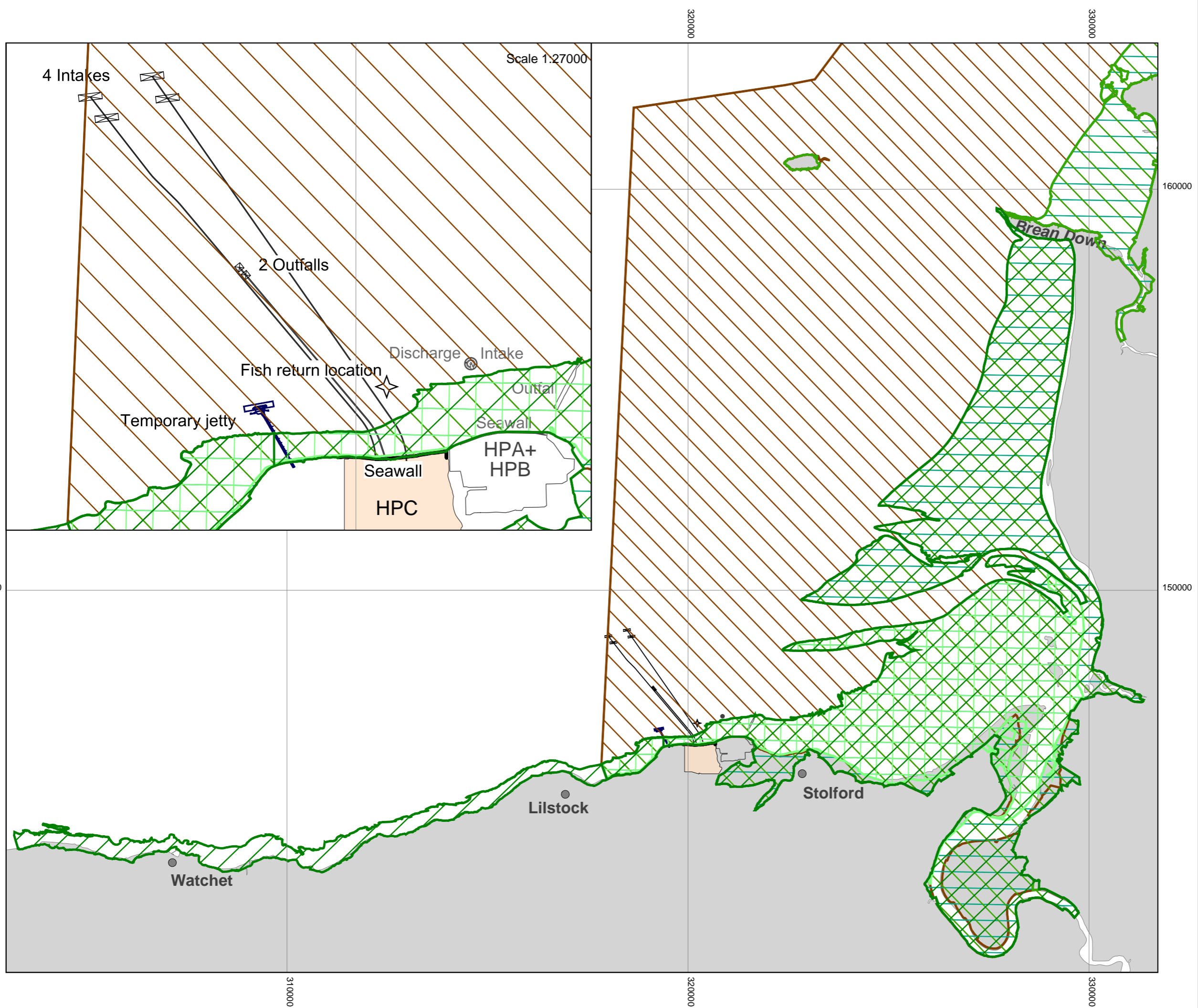
DOCUMENT:
HINKLEY POINT C PROJECT ENVIRONMENTAL STATEMENT VOLUME 2 CHAPTER 18

FIGURE TITLE:
MIXING ZONES FOLLOWING CHLORINATION AT 0.2MG/L AT HPC AT 100% IN COMBINATION WITH 0.3MG/L FOR HPB AT 100% (RUN E). DOSING TO ACHIEVE THE SPECIFIED TRO CONCENTRATION AT THE CONDENSERS.

FIGURE NO: **FIGURE 18.14** REVISION: **01**

DATE: **SEPT 2011** DRAWN: **B.B.** SCALE: **1:75000 @ A3**





KEY

- PROPOSED HINKLEY POINT C POWER STATION
- HINKLEY POINT A AND B POWER STATIONS
- SAC
- RAMSAR
- SPA
- NNR
- SSSI



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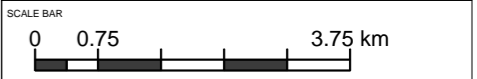


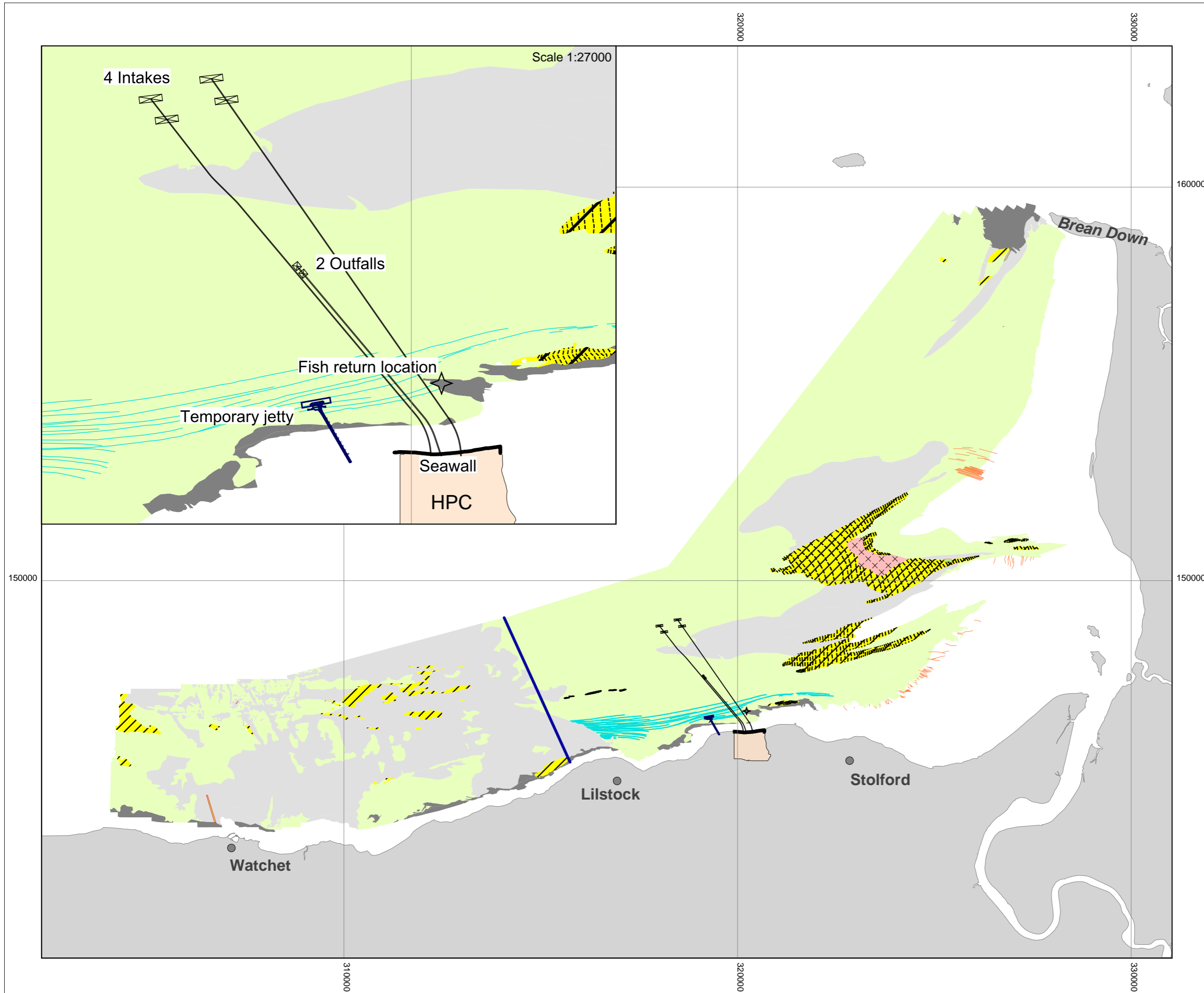
DOCUMENT:
HINKLEY POINT C PROJECT ENVIRONMENTAL STATEMENT VOLUME 2 CHAPTER 19

FIGURE TITLE:
MARINE CONSERVATION DESIGNATIONS

FIGURE NO: **FIGURE 19.1** REVISION: **01**

DATE: **SEPT 2011** DRAWN: **B.B.** SCALE: **1:90000 @ A3**

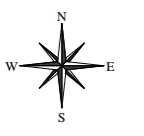




KEY

- PROPOSED HINKLEY POINT C POWER STATION

- SEABED MORPHOLOGY**
- SUBCROP
- FEATURELESS
- HUMMOCKY
- MEGARIPPLES
- ROCK
- FLOW-PARALLEL LINEAR FEATURES
- GENERALISED CRESTLINES
- DRAINAGE CHANNELS
- DATA EAST OF THIS LINE WAS COLLECTED IN 2008, WEST OF THE LINE WAS COLLECTED IN 2010



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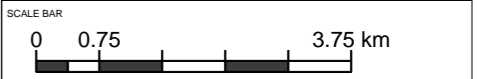


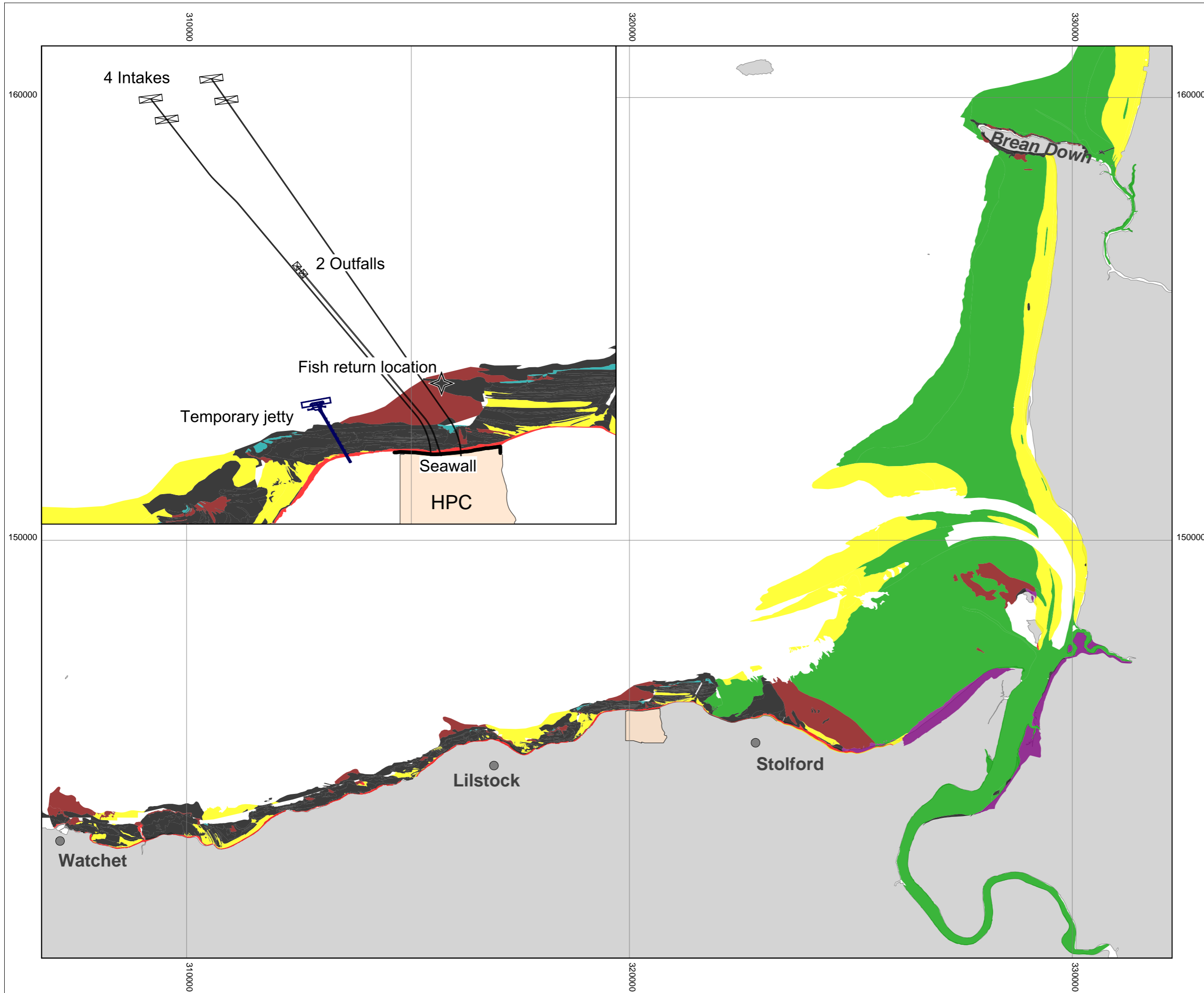
DOCUMENT:
HINKLEY POINT C PROJECT ENVIRONMENTAL STATEMENT VOLUME 2 CHAPTER 19

FIGURE TITLE:
SEABED MORPHOLOGY NEAR HINKLEY POINT

FIGURE NO: **FIGURE 19.2** REVISION: **01**

DATE: **SEPT 2011** DRAWN: **B.B.** SCALE: **1:90000 @ A3**





KEY

- PROPOSED HINKLEY POINT C POWER STATION

SEDIMENTS

- ROCK
- COARSE SEDIMENT
- SAND
- MUD
- MIXED SEDIMENT
- SALTMARSH
- BIOGENIC REEF

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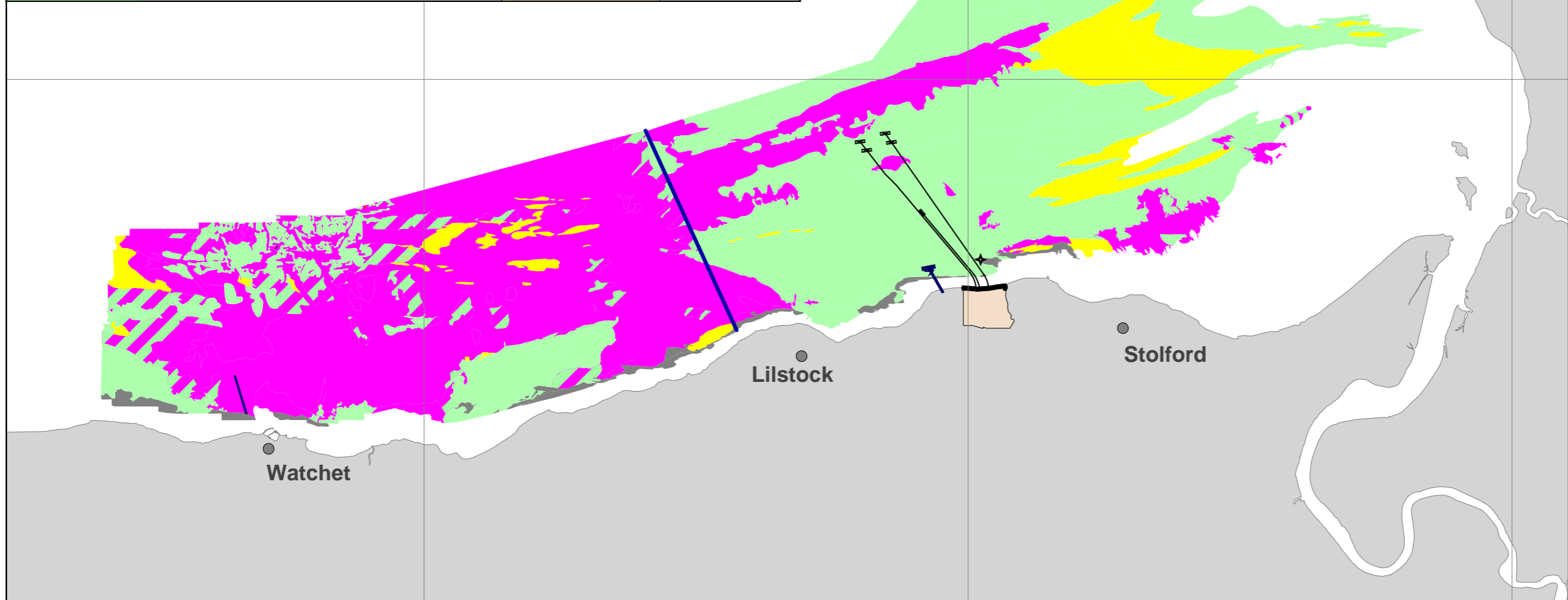
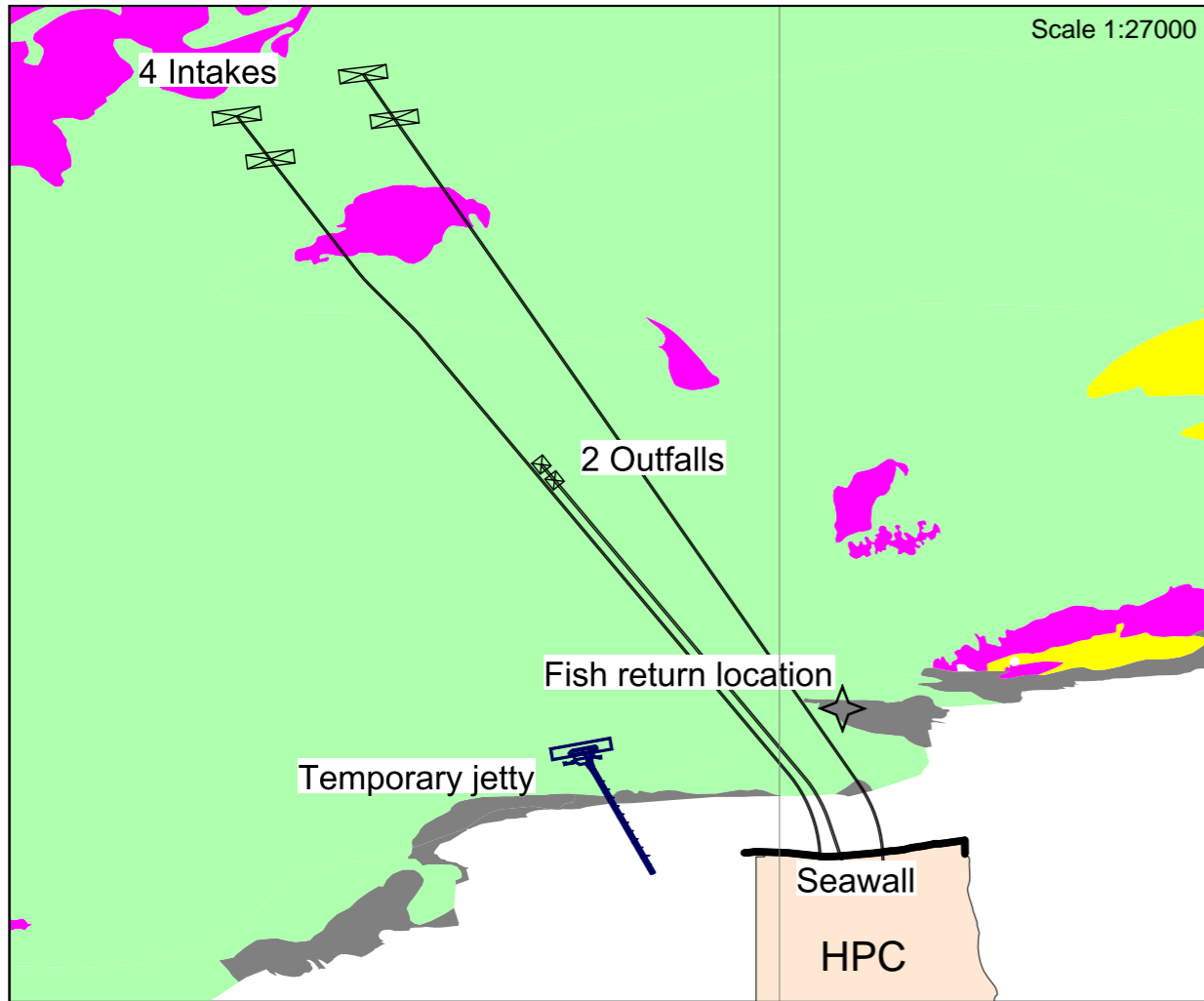


DOCUMENT:
HINKLEY POINT C PROJECT ENVIRONMENTAL STATEMENT VOLUME 2 CHAPTER 19

FIGURE TITLE:
DISTRIBUTION OF INTERTIDAL SEDIMENTS AROUND HINKLEY POINT

FIGURE NO: FIGURE 19.3	REVISION: 01
DATE: SEPT 2011	DRAWN: C.L.
SCALE: 1:80000 @ A3	





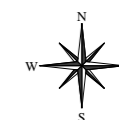
KEY

PROPOSED HINKLEY POINT C POWER STATION

SEABED SEDIMENTS

- BEDROCK
- COARSE SEDIMENT
- ENGINEERING FEATURE
- MUD
- MUD IN BETWEEN COARSE PATCHES
- SAND
- WRECK

DATA EAST OF THIS LINE WAS COLLECTED IN 2008, WEST OF THE LINE WAS COLLECTED IN 2010



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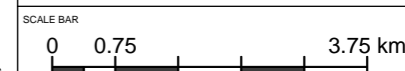


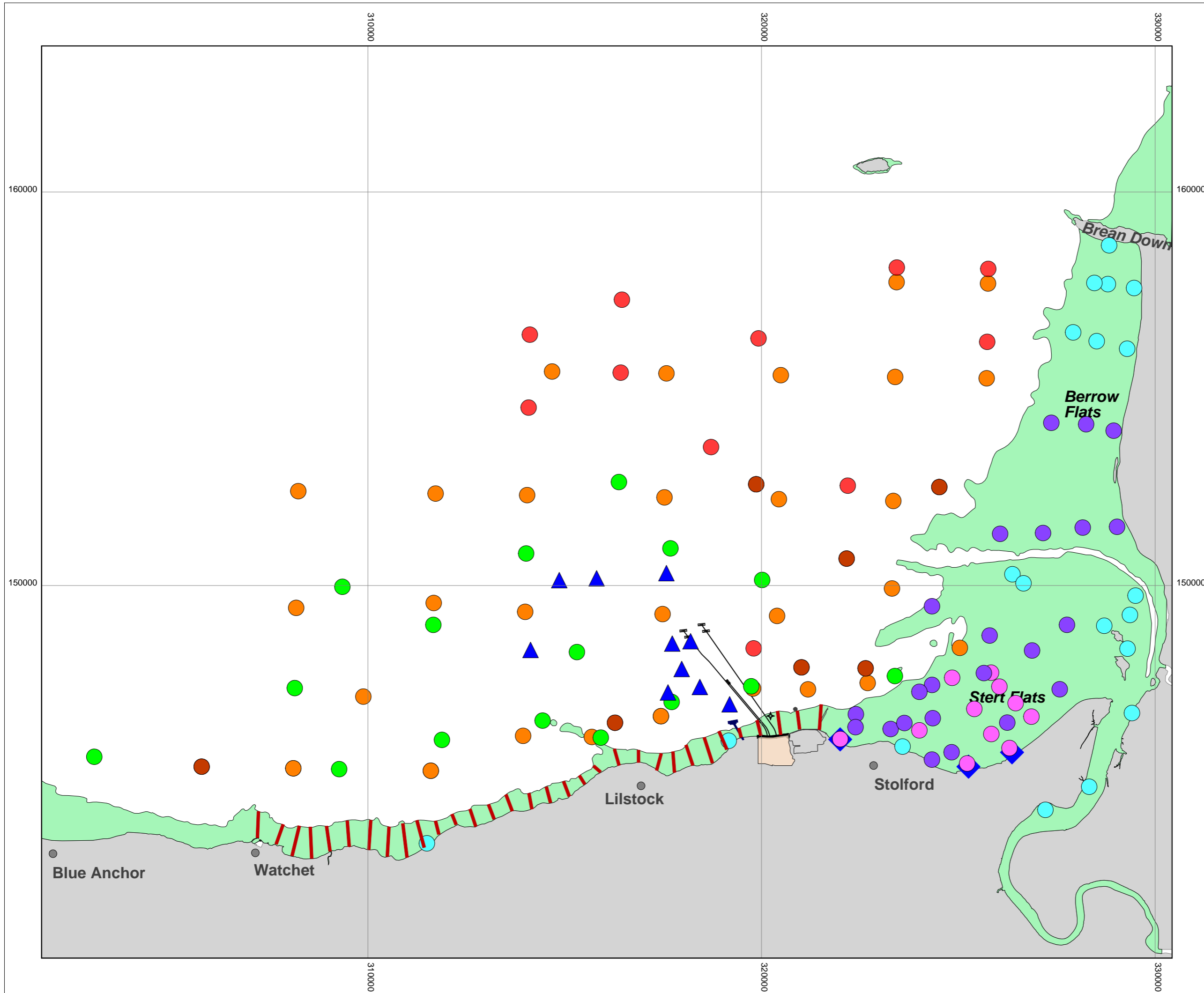
DOCUMENT:
HINKLEY POINT C PROJECT ENVIRONMENTAL STATEMENT VOLUME 2 CHAPTER 19

FIGURE TITLE:
SEABED SEDIMENTS NEAR HINKLEY POINT

FIGURE NO: **FIGURE 19.4** REVISION: **01**

DATE: **SEPT 2011** DRAWN: **B.B.** SCALE: **1:90000 @ A3**





- KEY**
- PROPOSED HINKLEY POINT C POWER STATION
 - HINKLEY POINT POWER STATIONS A AND B
- WP2 SAMPLING STATIONS**
- BENTHIC GRAB & BEAM TRAWL SITE
 - BEAM TRAWL SITE
 - PLANKTON SITE
- APEM SAMPLING STATIONS**
- INTERTIDAL FYKE & SEINE NET SITE
 - ZOOPLANKTON SITE
- WP6 INTERTIDAL SURVEY STATIONS**
- SAMPLED 2008
 - SAMPLED 2008 AND 2010
 - SAMPLED 2010
 - TRANSECTS 2011



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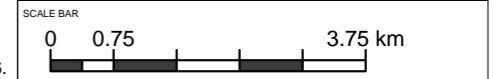


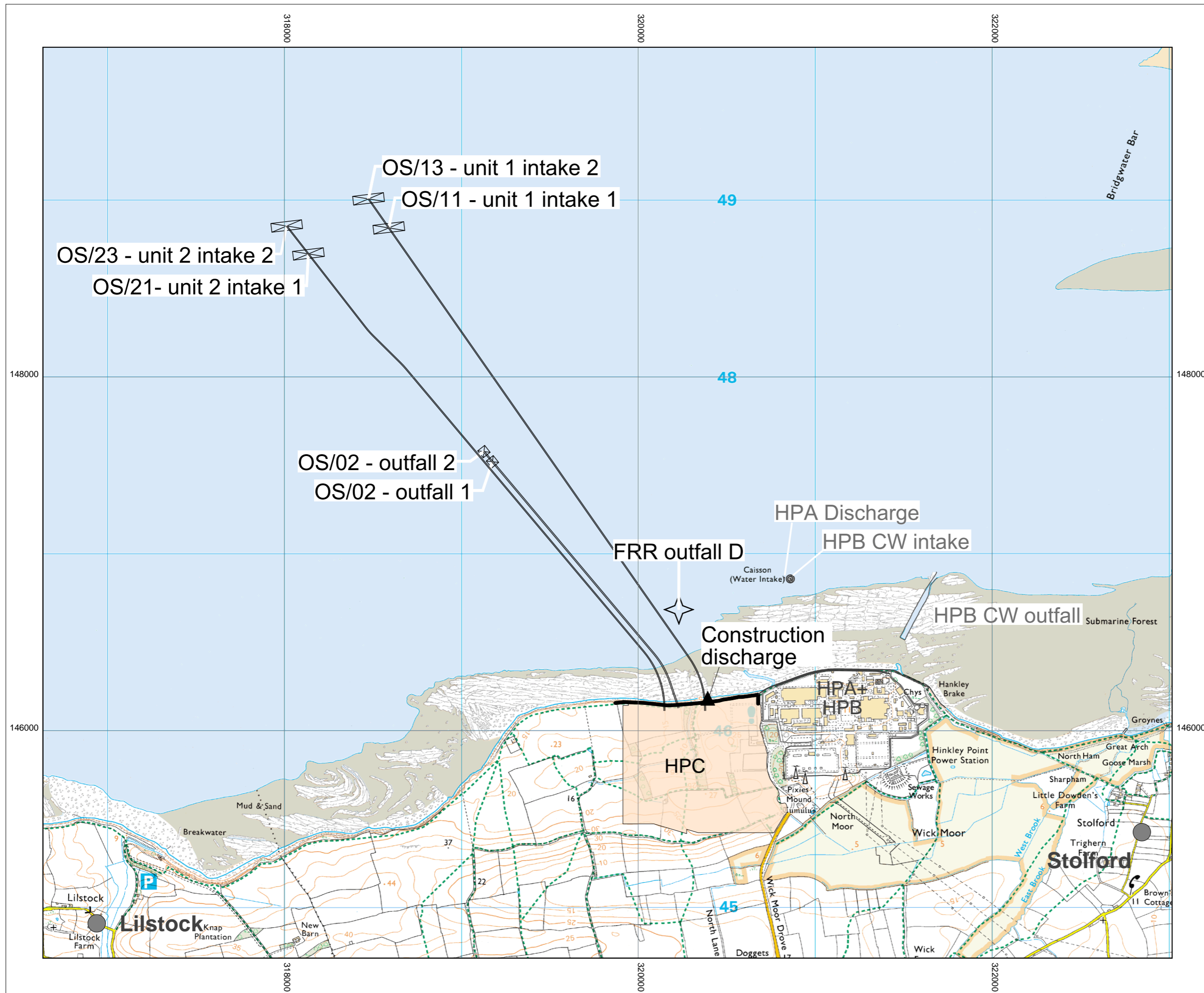
DOCUMENT:
HINKLEY POINT C PROJECT ENVIRONMENTAL STATEMENT VOLUME 2 CHAPTER 19

FIGURE TITLE:
EXTENT OF BEEMS MARINE BIOLOGICAL SURVEYS AROUND HINKLEY POINT

FIGURE NO: **FIGURE 19.5** REVISION: **01**

DATE: **SEPT 2011** DRAWN: **B.B.** SCALE: **1:90000 @ A3**





- KEY**
- PROPOSED HINKLEY POINT C POWER STATION
 - HINKLEY POINT C SIGNIFICANT STRUCTURES
 - HINKLEY POINT A AND B SIGNIFICANT STRUCTURES



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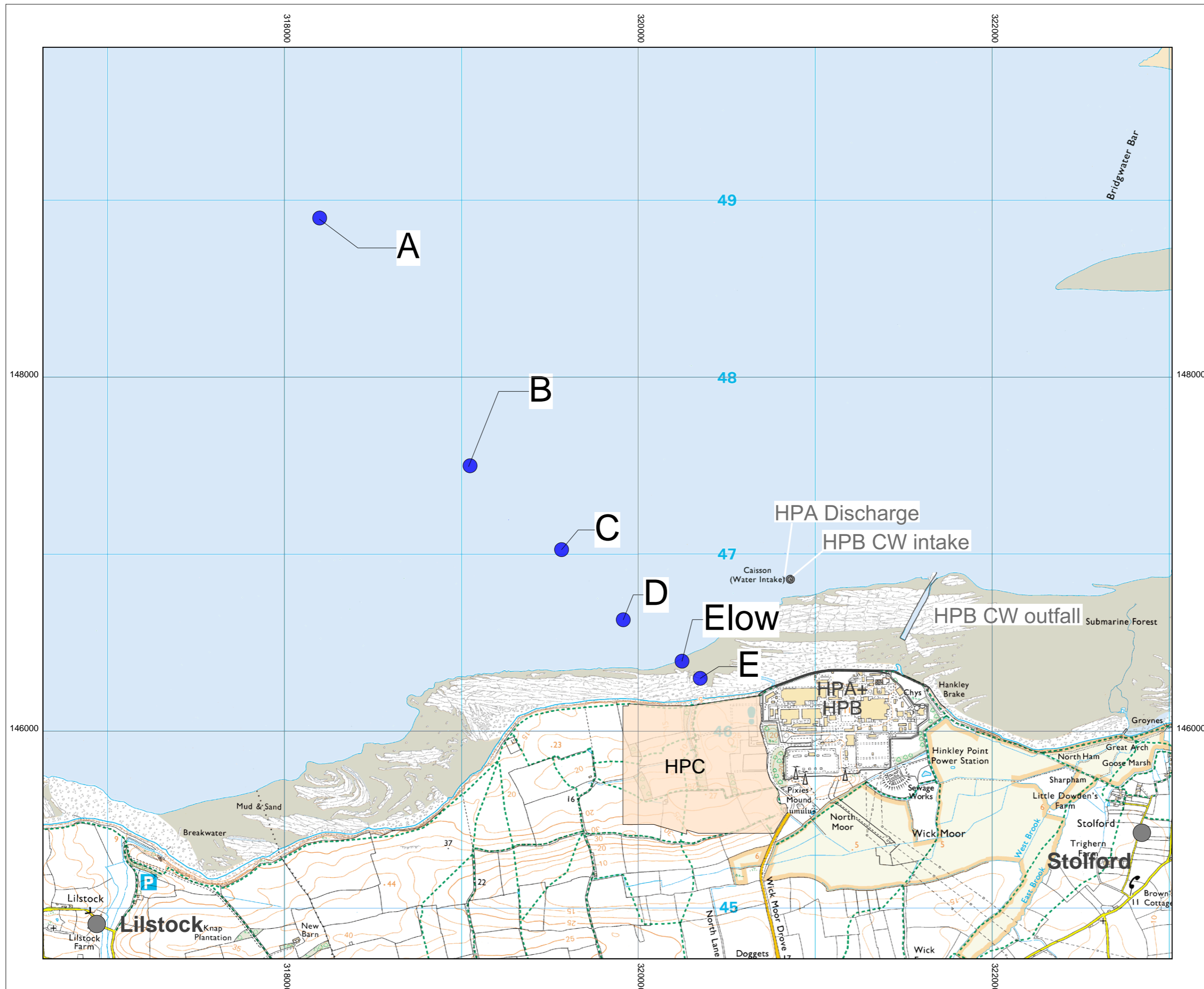
DOCUMENT:
HINKLEY POINT C PROJECT ENVIRONMENTAL STATEMENT VOLUME 2 CHAPTER 19

FIGURE TITLE:
HPB AND HPC INTAKE AND OUTFALL STRUCTURES

FIGURE NO: **FIGURE 19.6** REVISION: **01**

DATE: **SEPT 2011** DRAWN: **B.B.** SCALE: **1:20000 @ A3**





KEY

- PROPOSED HINKLEY POINT C POWER STATION
- HINKLEY POINT A AND B SIGNIFICANT STRUCTURES
- INTAKE AND OUTFALL POSITIONS TESTED WITH 4 CONFIGURATIONS

Configuration	Intake location	Outfall location
1	A	B
2	B	E
3	A	C
4	B	D



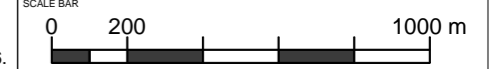
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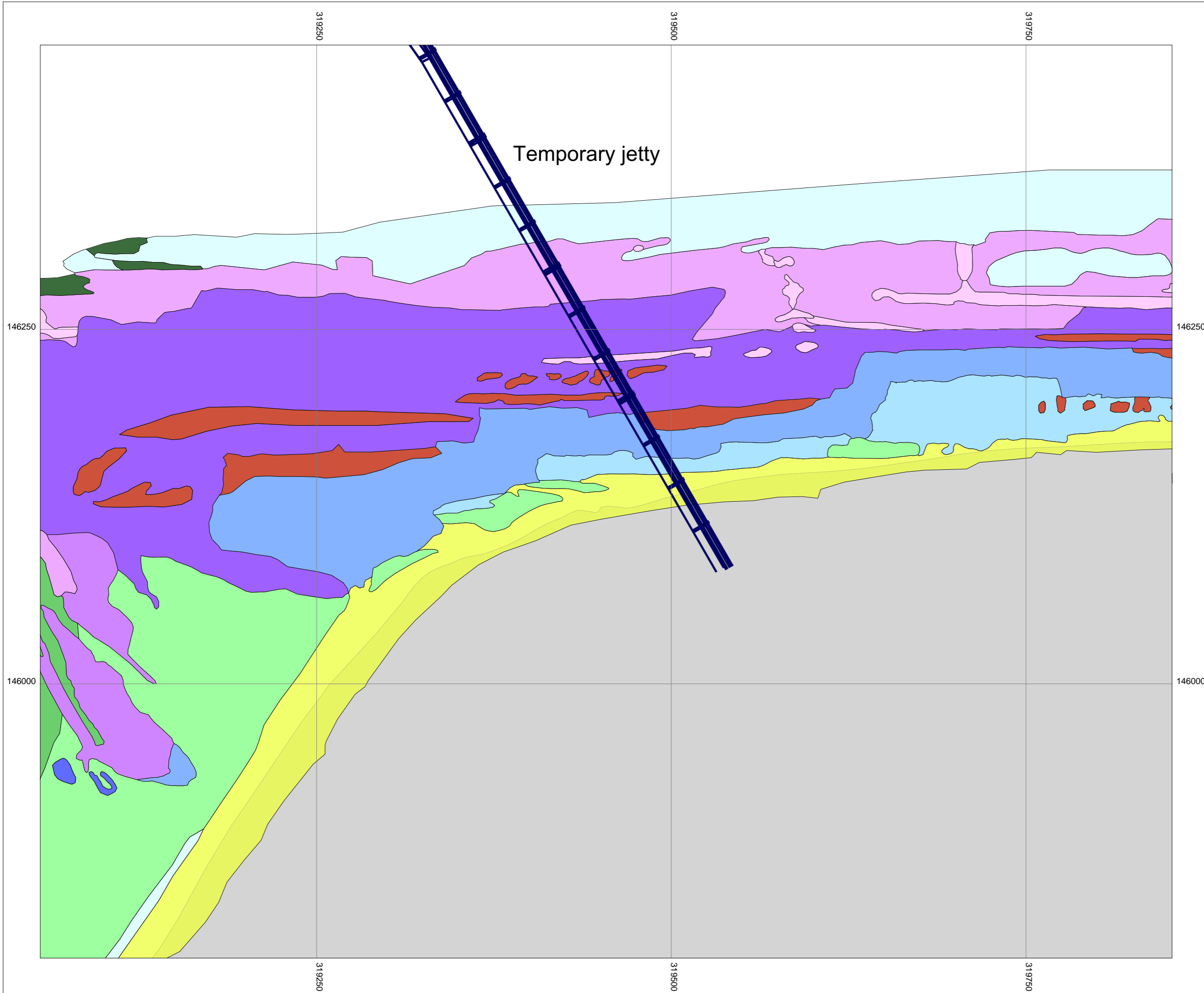


DOCUMENT:
HINKLEY POINT C PROJECT ENVIRONMENTAL STATEMENT VOLUME 2 CHAPTER 19

FIGURE TITLE:
HPC INTAKE AND OUTFALL CONFIGURATIONS TESTED BY NUMERICAL MODELLING

FIGURE NO: **FIGURE 19.7** REVISION: **01**
 DATE: **SEPT 2011** DRAWN: **B.B.** SCALE: **1:20000 @ A3**





KEY

EUNIS CLASSIFICATIONS

- FUCOIDS IN VARIABLE SALINITY
- [PELVETIA CANALICULATA] ON SHELTERED VARIABLE SALINITY LITTORAL FRINGE ROCK
- [FUCUS SPIRALIS] ON SHELTERED VARIABLE SALINITY UPPER EULITTORAL ROCK
- [FUCUS VESICULOSUS] ON VARIABLE SALINITY MID EULITTORAL BOULDERS AND STABLE MIXED SUBSTRATA
- [ASCOPHYLLUM NODOSUM] AND [FUCUS VESICULOSUS] ON VARIABLE SALINITY MID EULITTORAL ROCK
- [ASCOPHYLLUM NODOSUM] AND [FUCUS VESICULOSUS] ON VARIABLE SALINITY MID EULITTORAL ROCK/[FUCUS SERRATUS] AND LARGE [MYTILUS EDULIS] ON VARIABLE SALINITY LOWER EULITTORAL ROCK
- [FUCUS SERRATUS] AND LARGE [MYTILUS EDULIS] ON VARIABLE SALINITY LOWER EULITTORAL ROCK
- CORALLINE CRUSTS AND [CORALLINA OFFICINALIS] IN SHALLOW EULITTORAL ROCKPOOLS
- GREEN SEAWEEDS ([ENTEROMORPHA] SPP. AND [CLADOPHORA] SPP.) IN SHALLOW UPPER SHORE ROCKPOOLS
- BARREN LITTORAL SHINGLE
- BARREN LITTORAL COARSE SAND
- [MACOMA BALTHICA] AND [ARENICOLA MARINA] IN MUDDY SAND SHORES
- [SABELLARIA ALVEOLATA] REEFS ON SAND-ABRADED EULITTORAL ROCK



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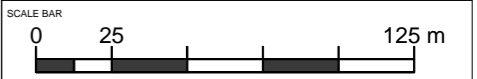


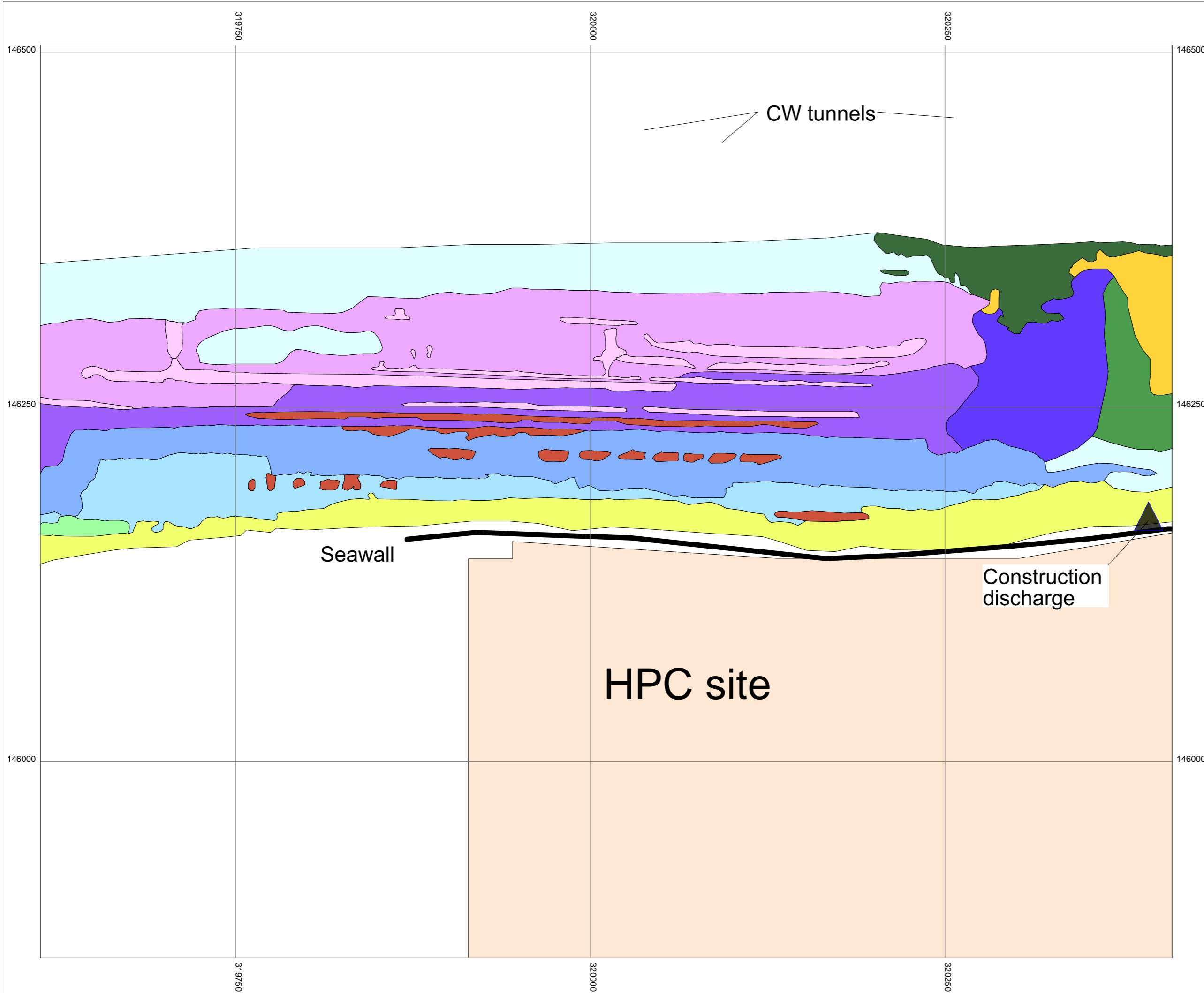
DOCUMENT:
**HINKLEY POINT C PROJECT
ENVIRONMENTAL STATEMENT
VOLUME 2 CHAPTER 19**

FIGURE TITLE:
**INTERTIDAL BIOTOPES:
WEST OF SITE**

FIGURE NO: **FIGURE 19.8** REVISION: **01**

DATE: **SEPT 2011** DRAWN: **B.B.** SCALE: **1:2500 @ A3**





- KEY**
- EUNIS CLASSIFICATIONS**
- FUCOIDS IN VARIABLE SALINITY
 - [PELVETIA CANALICULATA] ON SHELTERED VARIABLE SALINITY LITTORAL FRINGE ROCK
 - [FUCUS SPIRALIS] ON SHELTERED VARIABLE SALINITY UPPER EULITTORAL ROCK
 - [FUCUS VESICULOSUS] ON VARIABLE SALINITY MID EULITTORAL BOULDERS AND STABLE MIXED SUBSTRATA
 - [ASCOPHYLLUM NODOSUM] AND [FUCUS VESICULOSUS] ON VARIABLE SALINITY MID EULITTORAL ROCK
 - [ASCOPHYLLUM NODOSUM] AND [FUCUS VESICULOSUS] ON VARIABLE SALINITY MID EULITTORAL ROCK/[FUCUS SERRATUS] AND LARGE [MYTILUS EDULIS] ON VARIABLE SALINITY LOWER EULITTORAL ROCK
 - [FUCUS SERRATUS] AND LARGE [MYTILUS EDULIS] ON VARIABLE SALINITY LOWER EULITTORAL ROCK
 - CORALLINE CRUSTS AND [CORALLINA OFFICINALIS] IN SHALLOW EULITTORAL ROCKPOOLS
 - GREEN SEAWEEDS ([ENTEROMORPHA] SPP. AND [CLADOPHORA] SPP.) IN SHALLOW UPPER SHORE ROCKPOOLS
 - BARREN LITTORAL SHINGLE
 - BARREN LITTORAL COARSE SAND
 - [MACOMA BALTHICA] AND [ARENICOLA MARINA] IN MUDDY SAND SHORES
 - [SABELLARIA ALVEOLATA] REEFS ON SAND-ABRADED EULITTORAL ROCK



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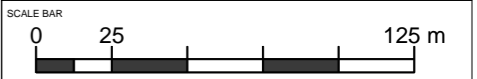


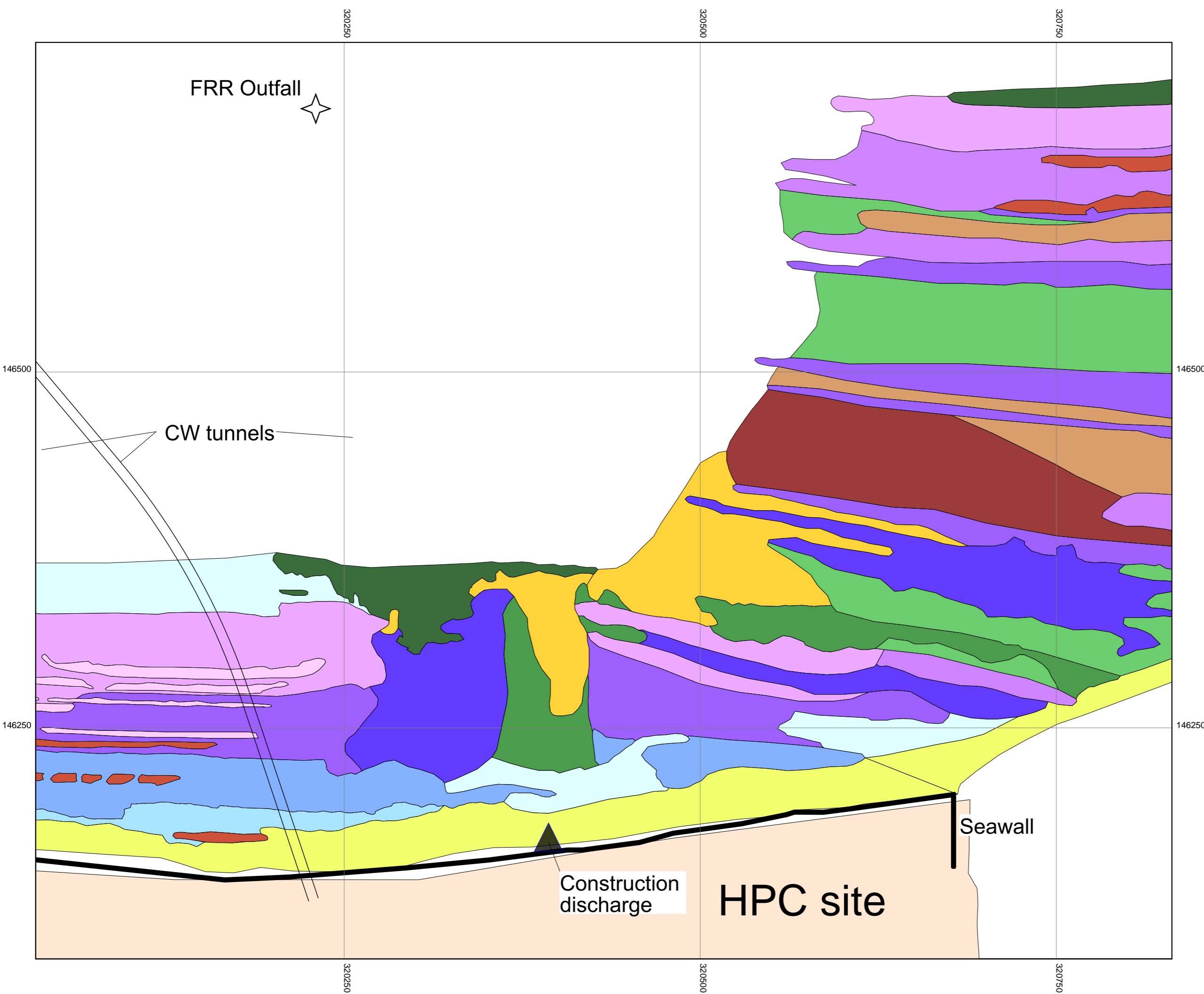
DOCUMENT:
**HINKLEY POINT C PROJECT
 ENVIRONMENTAL STATEMENT
 VOLUME 2 CHAPTER 19**

FIGURE TITLE:
**INTERTIDAL BIOTOPES:
 FRONTING SITE**

FIGURE NO: **FIGURE 19.9** REVISION: **01**

DATE: **SEPT 2011** DRAWN: **B.B.** SCALE: **1:2500 @ A3**





- KEY**
- EUNIS CLASSIFICATIONS**
- FUCOIDS IN VARIABLE SALINITY
 - [PELVETIA CANALICULATA] ON SHELTERED VARIABLE SALINITY LITTORAL FRINGE ROCK
 - [FUCUS SPIRALIS] ON SHELTERED VARIABLE SALINITY UPPER EULITTORAL ROCK
 - [FUCUS VESICULOSUS] ON VARIABLE SALINITY MID EULITTORAL BOULDERS AND STABLE MIXED SUBSTRATA/[FUCUS SERRATUS] AND LARGE [MYTILUS EDULIS] ON VARIABLE SALINITY LOWER EULITTORAL ROCK
 - [ASCOPHYLLUM NODOSUM] AND [FUCUS VESICULOSUS] ON VARIABLE SALINITY MID EULITTORAL ROCK
 - [ASCOPHYLLUM NODOSUM] AND [FUCUS VESICULOSUS] ON VARIABLE SALINITY MID EULITTORAL ROCK/[FUCUS SERRATUS] AND LARGE [MYTILUS EDULIS] ON VARIABLE SALINITY LOWER EULITTORAL ROCK
 - [FUCUS SERRATUS] AND LARGE [MYTILUS EDULIS] ON VARIABLE SALINITY LOWER EULITTORAL ROCK
 - CORALLINE CRUSTS AND [CORALLINA OFFICINALIS] IN SHALLOW EULITTORAL ROCKPOOLS
 - SEAWEEDES IN SEDIMENT-FLOORED EULITTORAL ROCKPOOLS
 - GREEN SEAWEEDES ([ENTEROMORPHA] SPP. AND [CLADOPHORA] SPP.) IN SHALLOW UPPER SHORE ROCKPOOLS
 - [ENTEROMORPHA] SPP. ON FRESHWATER-INFLUENCED AND/OR UNSTABLE UPPER EULITTORAL ROCK
 - HYDROLITTORAL SOFT ROCK
 - BARREN LITTORAL SHINGLE
 - [MACOMA BALTHICA] AND [ARENICOLA MARINA] IN MUDDY SAND SHORES
 - BARNACLES AND [LITTORINA] SPP. ON UNSTABLE EULITTORAL MIXED SUBSTRATA
 - [SABELLARIA ALVEOLATA] REEFS ON SAND-ABRADED EULITTORAL ROCK



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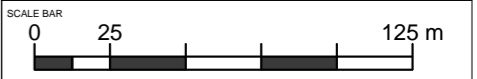


DOCUMENT:
HINKLEY POINT C PROJECT ENVIRONMENTAL STATEMENT VOLUME 2 CHAPTER 19

FIGURE TITLE:
INTERTIDAL BIOTOPES: FRONTING/EAST OF SITE

FIGURE NO: **FIGURE 19.10** REVISION: **01**

DATE: **SEPT 2011** DRAWN: **B.B.** SCALE: **1:2500 @ A3**





DOCUMENT:

HINKLEY POINT C PROJECT
ENVIRONMENTAL STATEMENT
VOLUME 2 CHAPTER 19

FIGURE TITLE:

PICTURES OF HINKLEY CORALLINA RUN-OFF
(TOP) AND SABELLARIA REEF (BOTTOM)
PHOTOS: C. TAYLOR

FIGURE NO:

FIGURE 19.11

REVISION:

01

DATE:

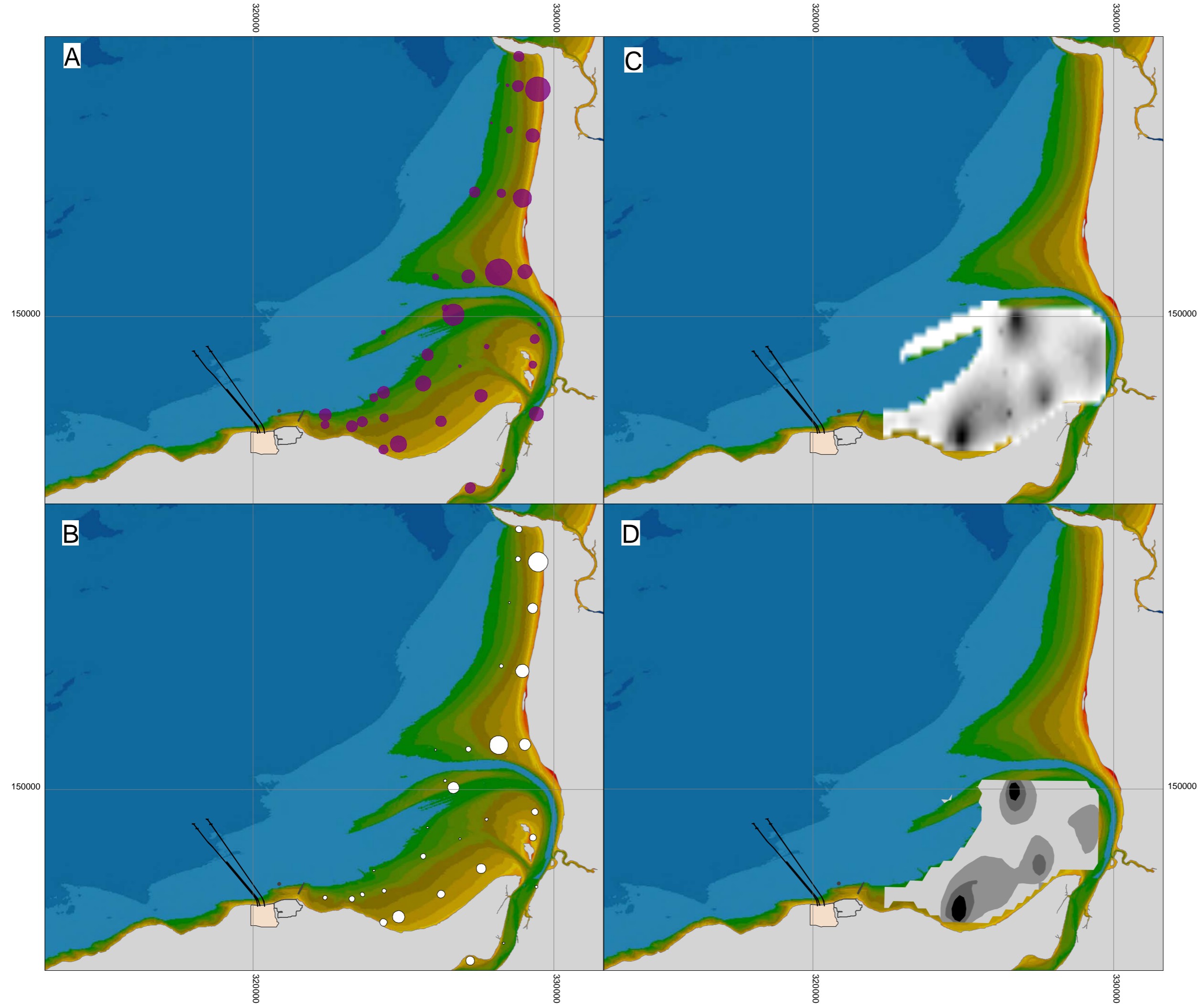
SEPT 2011

DRAWN:

B.B.

SCALE:

SCALE BAR



KEY

- PROPOSED HINKLEY POINT C POWER STATION
- HINKLEY POINT A AND B SIGNIFICANT STRUCTURES

BATHYMETRY

-100m	-2m	5m	12m
-50m	-1m	6m	13m
-20m	0m	7m	14m
-10m	1m	8m	15m
-5m	2m	9m	20m
-4m	3m	10m	30m
-3m	4m	11m	

TOTAL MACROFAUNAL BIOMASS g/m² (A)

- 70
- 35
- 17.5

TOTAL PREY AVAILABILITY (B)

- 70
- 35
- 17.5

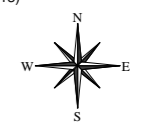
GRIDDED PREY AVAILABILITY DISTRIBUTION (C)

0	7	14	21
1	8	15	22
2	9	16	23
3	10	17	24
4	11	18	25
5	12	19	
6	13	20	

PREY AVAILABILITY BY CLASS (D)

- LOW (<6)
- MEDIUM (<12)
- HIGH (<18)
- VERY HIGH (>18)

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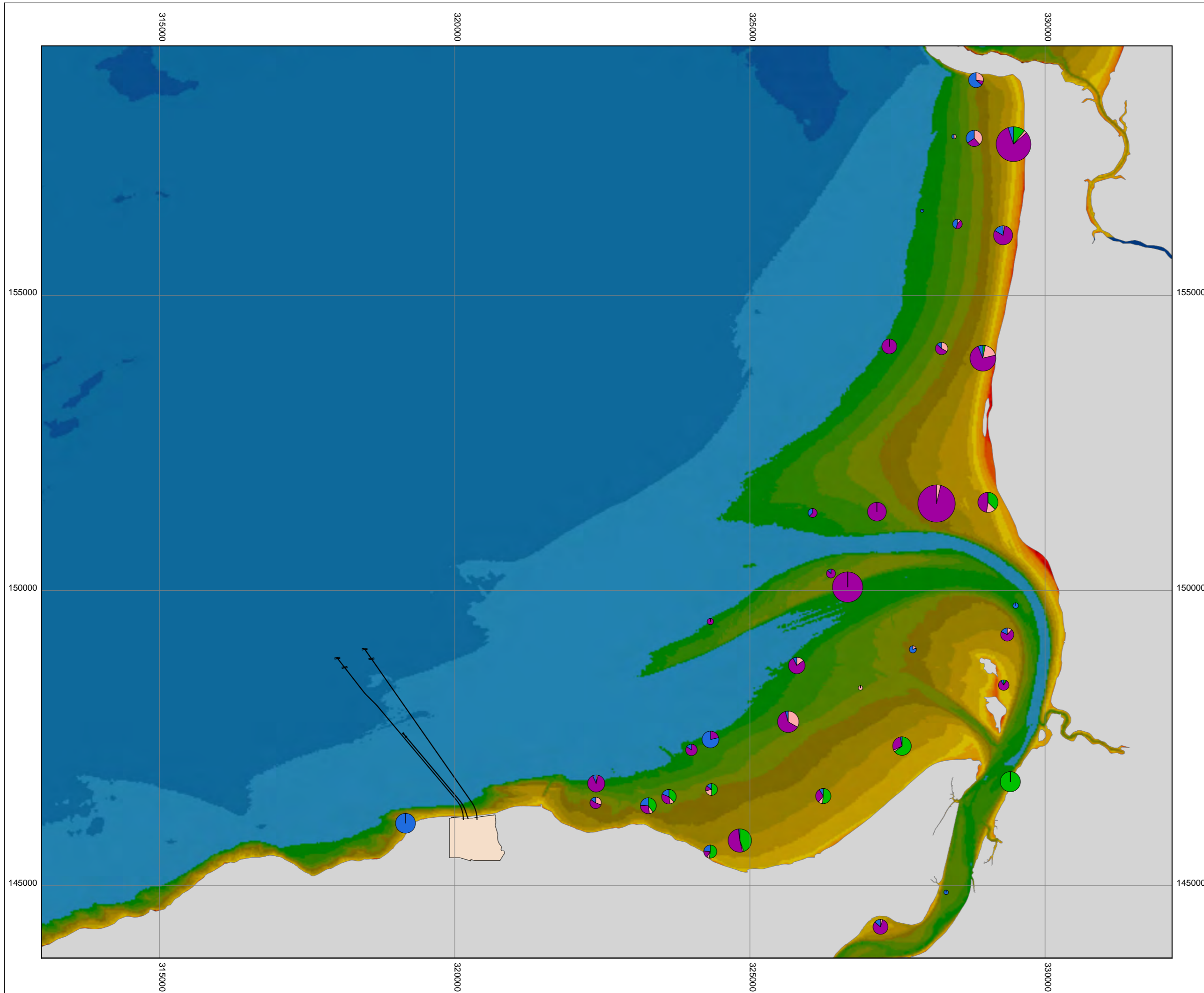
DOCUMENT:
HINKLEY POINT C PROJECT ENVIRONMENTAL STATEMENT VOLUME 2 CHAPTER 19

FIGURE TITLE:
TOTAL PREY AVAILABILITY CALCULATION PROCESS ON STERT FLATS

FIGURE NO: **FIGURE 19.12** REVISION: **01**

DATE: **SEPT 2011** DRAWN: **B.B.** SCALE: **1:120000 @ A3**





KEY

PROPOSED HINKLEY POINT C POWER STATION

BATHYMETRY

-100m	-2m	5m	12m
-50m	-1m	6m	13m
-20m	0m	7m	14m
-10m	1m	8m	15m
-5m	2m	9m	20m
-4m	3m	10m	30m
-3m	4m	11m	

MACROFAUNAL BIOMASS (g/m²)

200
100
50

■ *H. diversicolor*
■ *H. ulvae*
■ *M. balthica*
■ Other macrofauna

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DOCUMENT:

HINKLEY POINT C PROJECT ENVIRONMENTAL STATEMENT VOLUME 2 CHAPTER 19

FIGURE TITLE:

INVERTEBRATE BIOMASS ACROSS THE INTERTIDAL AREAS OF BRIDGWATER BAY

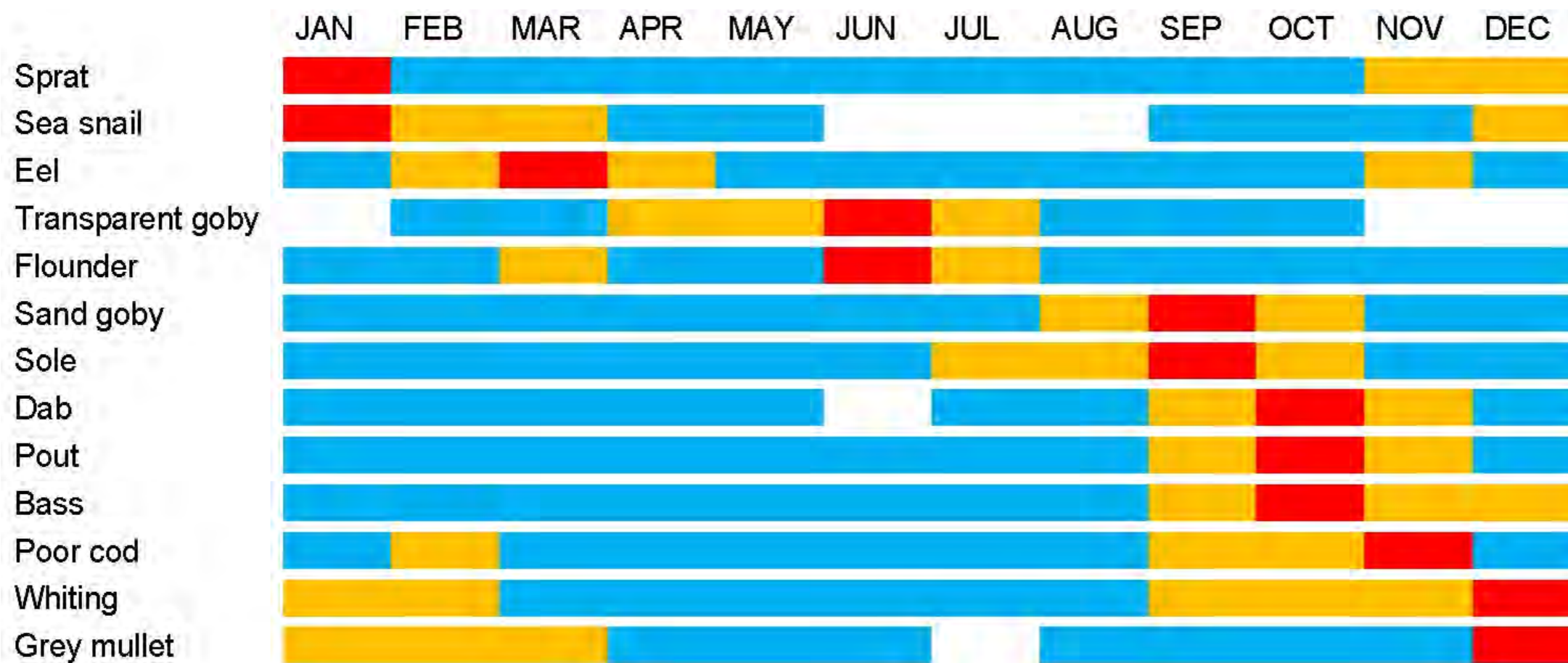
FIGURE NO: **FIGURE 19.13** REVISION: **01**

DATE: **SEPT 2011** DRAWN: **B.B.** SCALE: **1:60000 @ A3**



KEY

- MAXIMUM ABUNDANCE
- GREATER THAN 10% OF ANNUAL TOTAL
- PRESENT



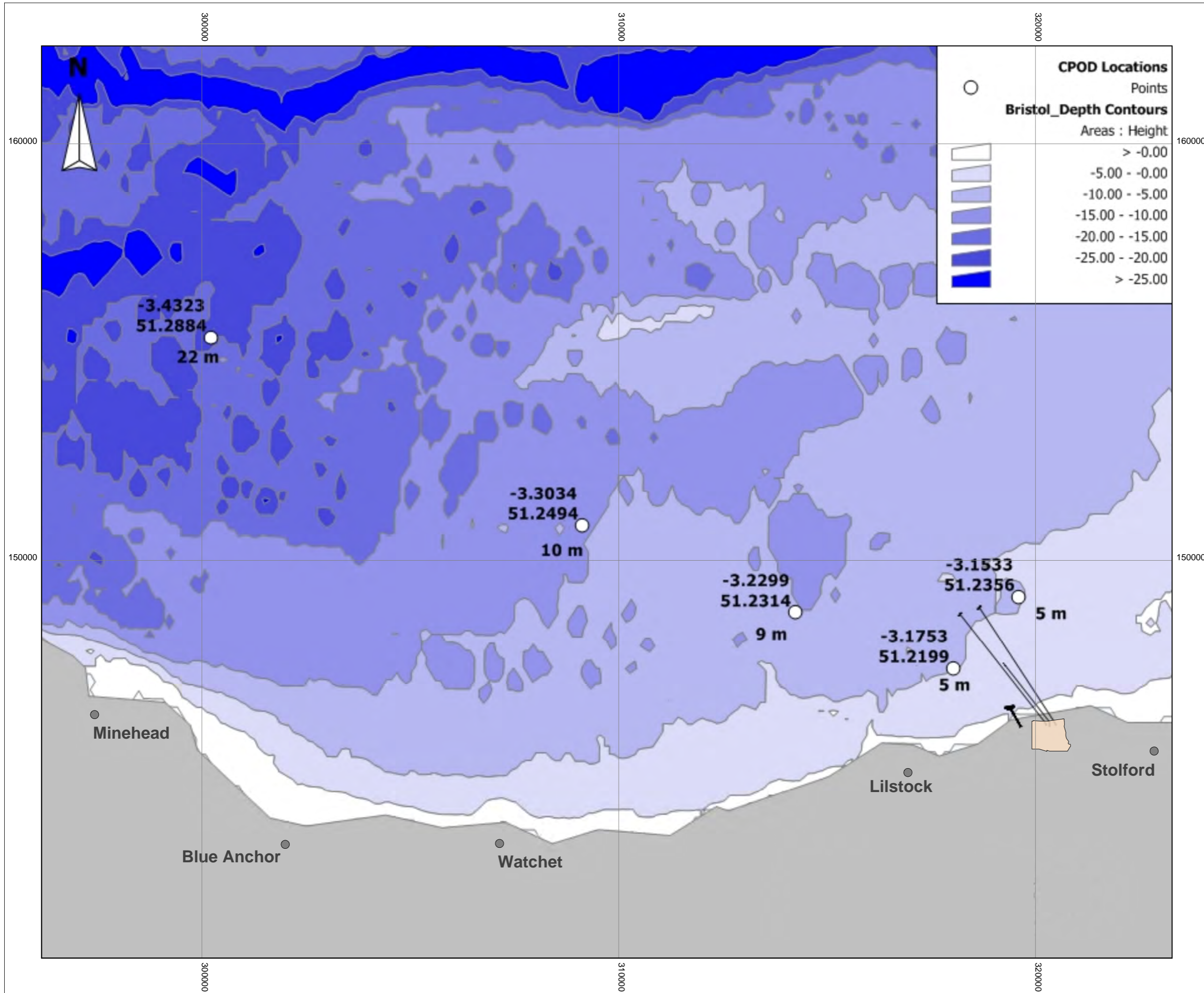
DOCUMENT:
**HINKLEY POINT C PROJECT
 ENVIRONMENTAL STATEMENT
 VOLUME 2 CHAPTER 19**

FIGURE TITLE:
**PEAK ABUNDANCES FOR 13
 MOST COMMON FISH SPECIES**

FIGURE NO: **FIGURE 19.14** REVISION: **01**

DATE: **SEPT 2011** DRAWN: **B.B.** SCALE:

SCALE BAR



KEY

PROPOSED HINKLEY POINT C POWER STATION

CPOD Locations Points

Bristol_Depth Contours
Areas : Height

- > -0.00
- 5.00 - -0.00
- 10.00 - -5.00
- 15.00 - -10.00
- 20.00 - -15.00
- 25.00 - -20.00
- > -25.00

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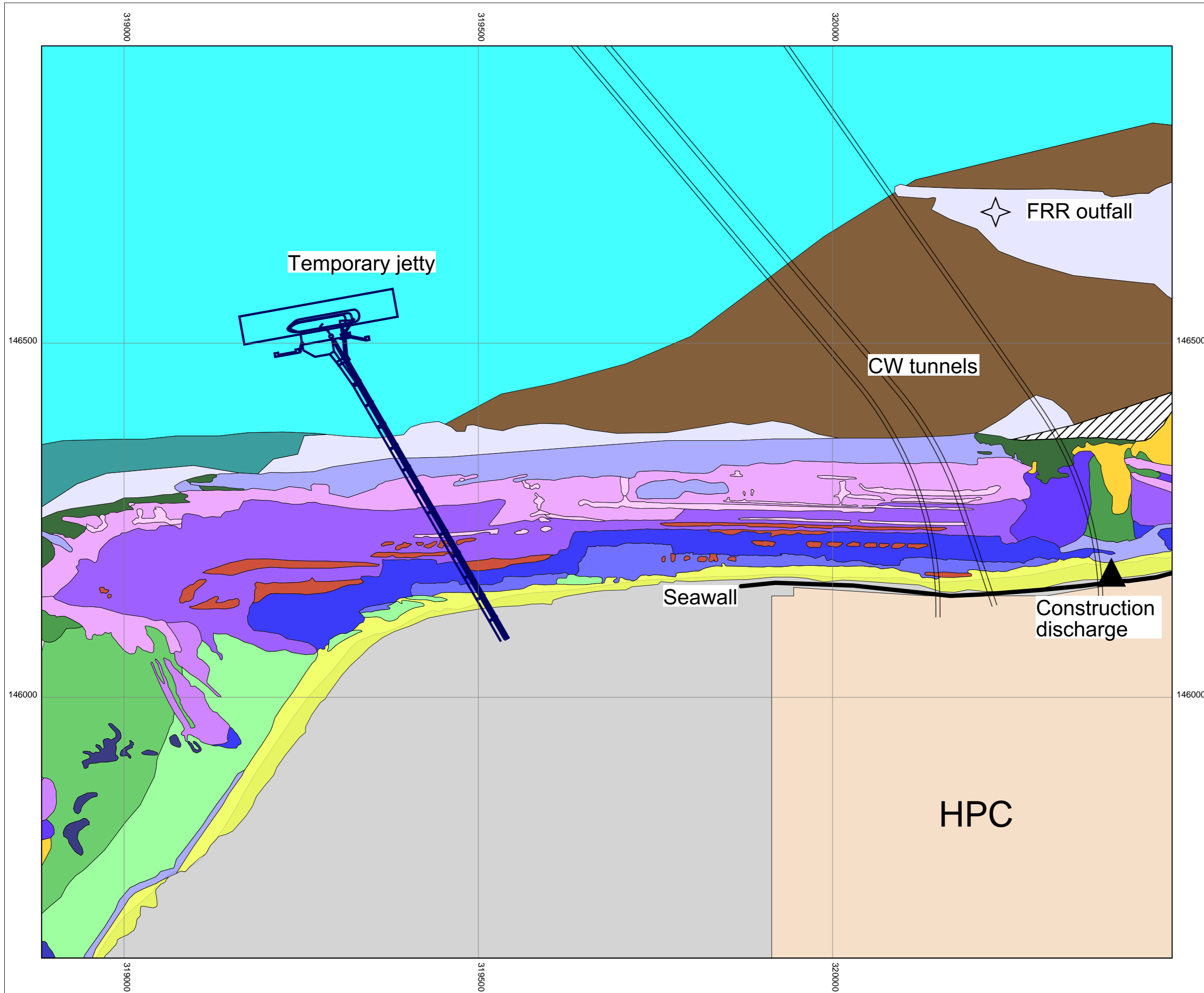
DOCUMENT:
HINKLEY POINT C PROJECT ENVIRONMENTAL STATEMENT VOLUME 2 CHAPTER 19

FIGURE TITLE:
LOCATIONS OF THE CETACEAN MONITORING DEVICES AROUND THE HINKLEY POINT SITE

FIGURE NO: **FIGURE 19.15** REVISION: **01**

DATE: **SEPT 2011** DRAWN: **B.B.** SCALE: **1:85000 @ A3**





- KEY**
- EUNIS CLASSIFICATION**
- MODERATE ENERGY LITTORAL ROCK
 - FUCOIDS IN VARIABLE SALINITY
 - [PELVETIA CANALICULATA] ON SHELTERED VARIABLE SALINITY LITTORAL FRINGE ROCK
 - [FUCUS SPIRALIS] ON SHELTERED VARIABLE SALINITY UPPER EULITTORAL ROCK
 - [FUCUS SPIRALIS] ON SHELTERED VARIABLE SALINITY UPPER EULITTORAL ROCK/[ASCO-PHYLLUM NODOSUM] AND [FUCUS VESICULOSUS] ON VARIABLE SALINITY MID EULITTORAL ROCK
 - [FUCUS VESICULOSUS] ON VARIABLE SALINITY MID EULITTORAL BOULDERS AND STABLE MIXED SUBSTRATA
 - [FUCUS VESICULOSUS] ON VARIABLE SALINITY MID EULITTORAL BOULDERS AND STABLE MIXED SUBSTRATA/[FUCUS SERRATUS] AND LARGE [MYTILUS EDULIS] ON VARIABLE SALINITY LOWER EULITTORAL ROCK
 - [ASCOPHYLLUM NODOSUM] AND [FUCUS VESICULOSUS] ON VARIABLE SALINITY MID EULITTORAL ROCK
 - [ASCOPHYLLUM NODOSUM] AND [FUCUS VESICULOSUS] ON VARIABLE SALINITY MID EULITTORAL ROCK/[FUCUS SERRATUS] AND LARGE [MYTILUS EDULIS] ON VARIABLE SALINITY LOWER EULITTORAL ROCK
 - [FUCUS SERRATUS] AND LARGE [MYTILUS EDULIS] ON VARIABLE SALINITY LOWER EULITTORAL ROCK
 - CORALLINE CRUSTS AND [CORALLINA OFFICINALIS] IN SHALLOW EULITTORAL ROCKPOOLS
 - GREEN SEAWEEDS ([ENTEROMORPHA] SPP. AND [CLADOPHORA] SPP.) IN SHALLOW UPPER SHORE ROCKPOOLS
 - HYDROLITTORAL SOFT ROCK
 - BARREN LITTORAL SHINGLE
 - LITTORAL SAND AND MUDDY SAND/ LITTORAL MIXED SEDIMENTS
 - BARREN LITTORAL COARSE SAND
 - [MACOMA BALTICA] AND [ARENICOLA MARINA] IN MUDDY SAND SHORES
 - BARNACLES AND [LITTORINA] SPP. ON UNSTABLE EULITTORAL MIXED SUBSTRATA
 - [SABELLARIA ALVEOLATA] REEFS ON SAND-ABRADED EULITTORAL ROCK
 - ATLANTIC AND MEDITERRANEAN HIGH ENERGY INFRA-LITTORAL ROCK
 - [NEPHTYS HOMBERGII] AND [MACOMA BALTICA] IN INFRA-LITTORAL SANDY MUD

NOT MAPPED

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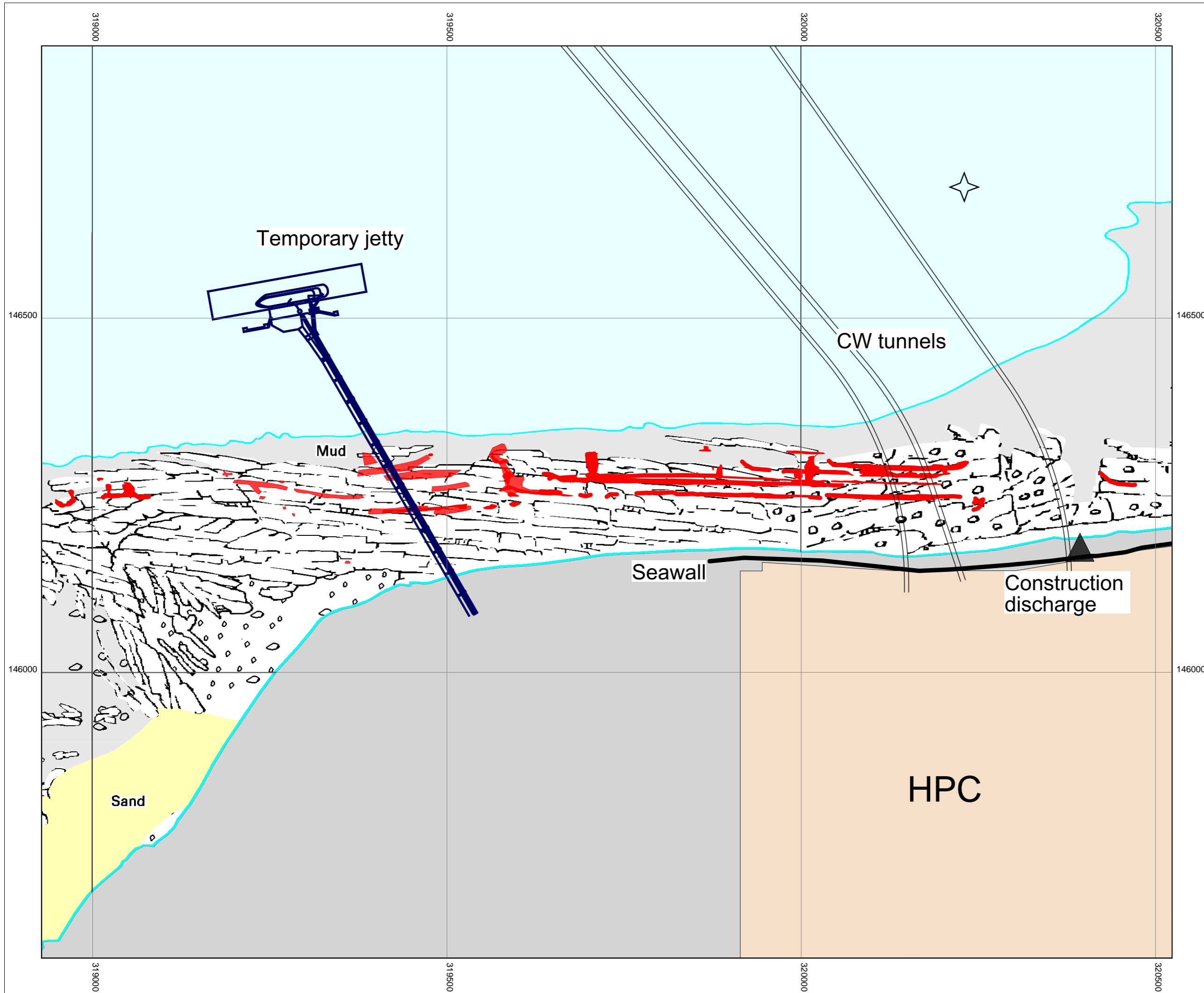


DOCUMENT:
HINKLEY POINT C PROJECT ENVIRONMENTAL STATEMENT VOLUME 2 CHAPTER 19

FIGURE TITLE:
TEMPORARY JETTY IN RELATION TO INTERTIDAL AND SUBTIDAL BIOTOPES

FIGURE NO: FIGURE 19.16	REVISION: 01
DATE: SEPT 2011	DRAWN: B.B.
SCALE: 1:5000 @ A3	

SCALE BAR



- KEY**
- PROPOSED HINKLEY POINT C POWER STATION
 - FRR OUTFALL
 - CORALLINA OFFICINALIS AND CORALLINE CRUSTS IN SHALLOW EULITTORAL ROCKPOOLS (EUNIS A1.4111)



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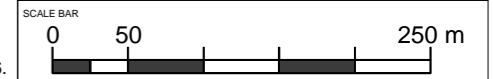


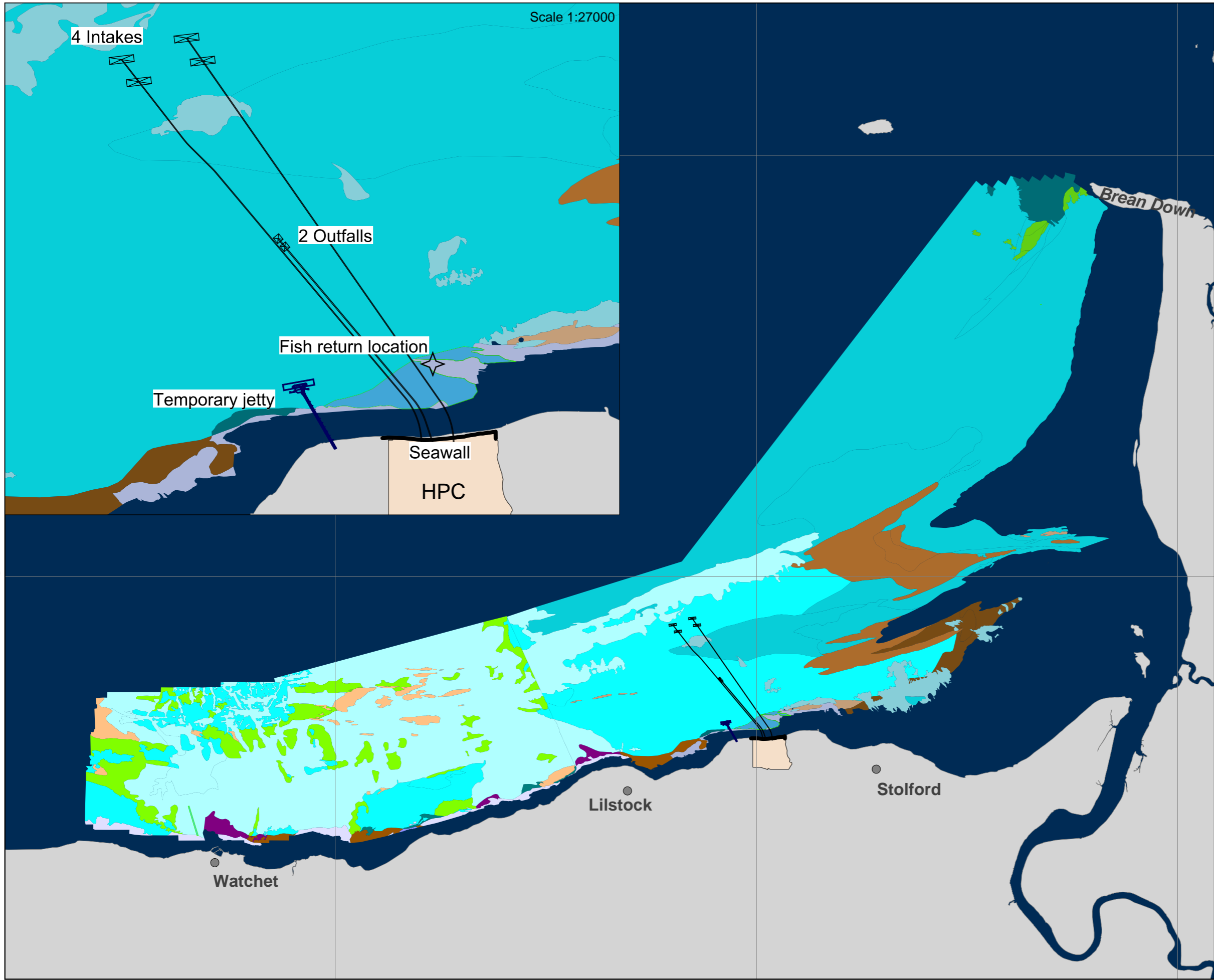
DOCUMENT:
HINKLEY POINT C PROJECT ENVIRONMENTAL STATEMENT VOLUME 2 CHAPTER 19

FIGURE TITLE:
TEMPORARY JETTY IN RELATION TO CORALLINA DISTRIBUTION

FIGURE NO: **FIGURE 19.17** REVISION: **01**

DATE: **SEPT 2011** DRAWN: **B.B.** SCALE: **1:5000 @ A3**





KEY

- PROPOSED HINKLEY POINT C POWER STATION

- EUNIS HABITATS**
- MODERATE ENERGY LITTORAL ROCK
- MODERATE ENERGY LITTORAL ROCK/ LITTORAL SAND AND MUDDY SAND
- FUCOIDS IN VARIABLE SALINITY
- LITTORAL SAND AND MUDDY SAND
- LITTORAL MIXED SEDIMENTS
- ATLANTIC AND MEDITERRANEAN HIGH ENERGY INFRA-LITTORAL ROCK
- SUBLITTORAL SAND IN VARIABLE SALINITY (ESTUARIES)
- [NEPHTYS CIRROSA] AND [MACOMA BALTHICA] IN VARIABLE SALINITY INFRA-LITTORAL MOBILE SAND
- [NEPHTYS HOMBERGII] AND [MACOMA BALTHICA] IN INFRA-LITTORAL SANDY MUD
- SUBLITTORAL MIXED SEDIMENT IN VARIABLE SALINITY (ESTUARIES)
- [SABELLARIA ALVEOLATA] ON VARIABLE SALINITY SUBLITTORAL MIXED SEDIMENT

- AREA BEYOND BEAMS SIDESCAN/SWATH SURVEYS



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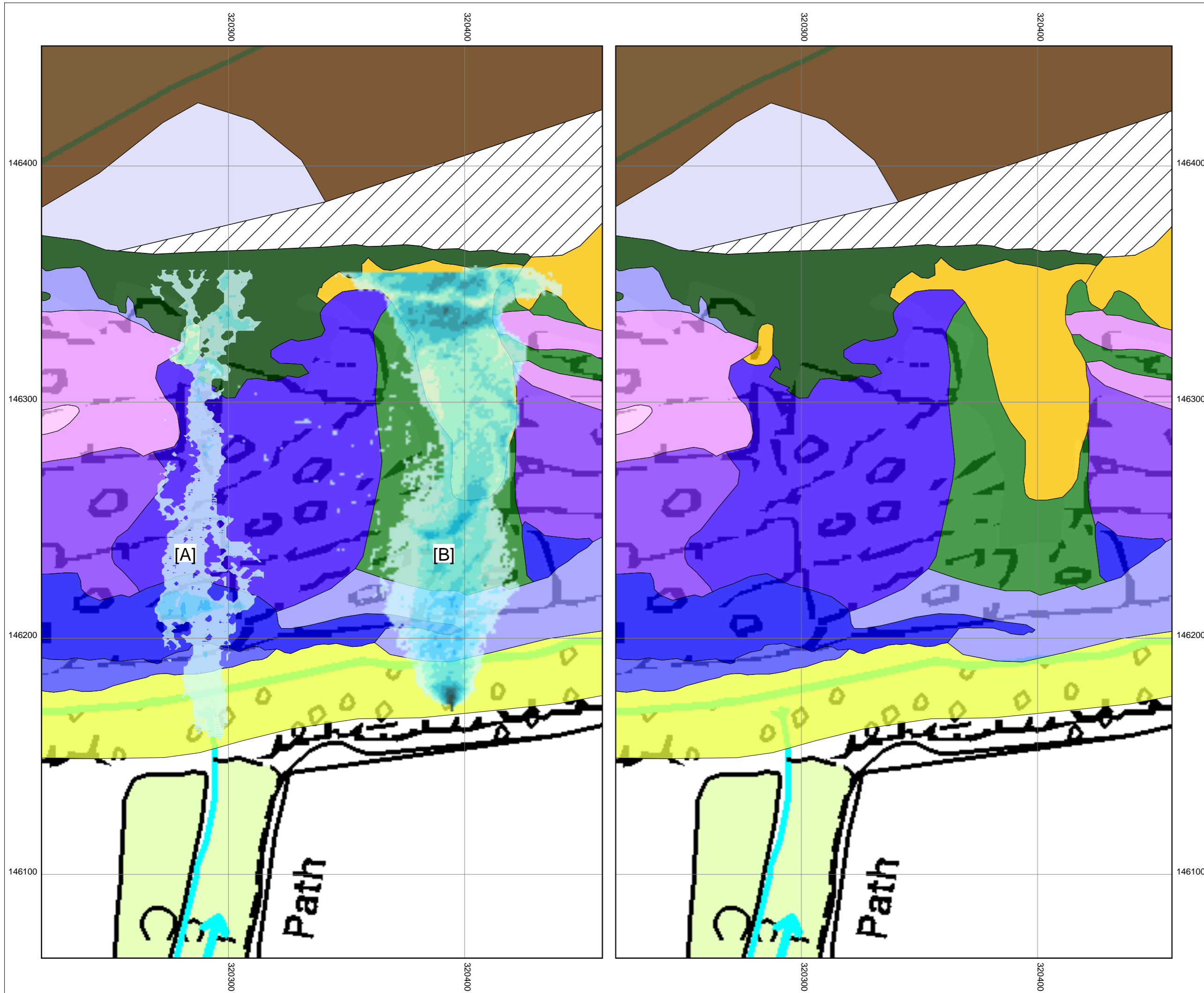
DOCUMENT:
HINKLEY POINT C PROJECT ENVIRONMENTAL STATEMENT VOLUME 2 CHAPTER 19

FIGURE TITLE:
SEABED BIOTOPES

FIGURE NO: **FIGURE 19.18** REVISION: **01**

DATE: **SEPT 2011** DRAWN: **B.B.** SCALE: **1:90000 @ A3**





KEY

EUNIS Classification

- MODERATE ENERGY LITTORAL ROCK
- FUCOIDS IN VARIABLE SALINITY
- [PELVETIA CANALICULATA] ON SHELTERED VARIABLE SALINITY LITTORAL FRINGE ROCK
- [FUCUS SPIRALIS] ON SHELTERED VARIABLE SALINITY UPPER EULITTORAL ROCK
- [FUCUS VESICULOSUS] ON VARIABLE SALINITY MID EULITTORAL BOULDERS AND STABLE MIXED SUBSTRATA/[FUCUS SERRATUS] AND LARGE [MYTILUS EDULIS] ON VARIABLE SALINITY LOWER EULITTORAL ROCK
- [ASCOPHYLLUM NODOSUM] AND [FUCUS VESICULOSUS] ON VARIABLE SALINITY MID EULITTORAL ROCK
- [FUCUS SERRATUS] AND LARGE [MYTILUS EDULIS] ON VARIABLE SALINITY LOWER EULITTORAL ROCK
- CORALLINE CRUSTS AND [CORALLINA OFFICINALIS] IN SHALLOW EULITTORAL ROCKPOOLS
- HYDROLITTORAL SOFT ROCK
- BARREN LITTORAL SHINGLE
- LITTORAL SAND AND MUDDY SAND/ LITTORAL MIXED SEDIMENTS
- BARNACLES AND [LITTORINA] SPP. ON UNSTABLE EULITTORAL MIXED SUBSTRATA
- [SABELLARIA ALVEOLATA] REEFS ON SAND-ABRADED EULITTORAL ROCK
- NOT MAPPED

DISCHARGE

0.00 0.57 1.30

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DOCUMENT:

**HINKLEY POINT C PROJECT
ENVIRONMENTAL STATEMENT
VOLUME 2 CHAPTER 19**

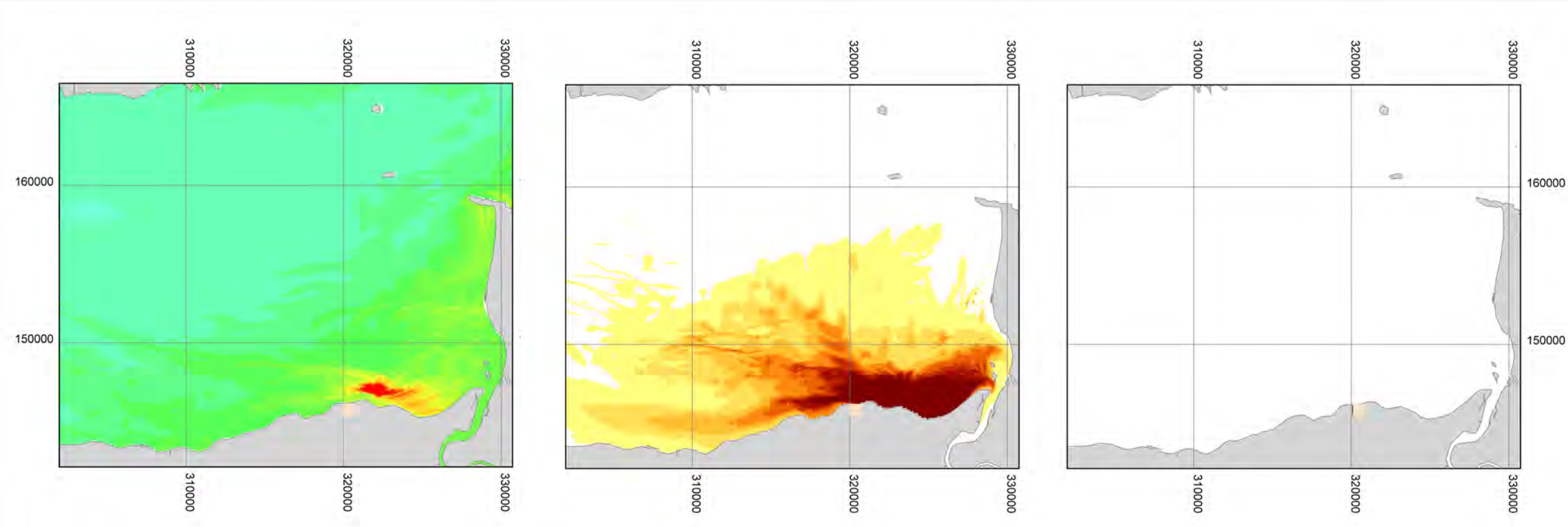
FIGURE TITLE:

**[A] EXISTING HPC DRAINAGE DITCH
DISCHARGE AND [B] HPC CONSTRUCTION
DISCHARGE IN RELATION TO INTERTIDAL
BIOTOPE DISTRIBUTION**

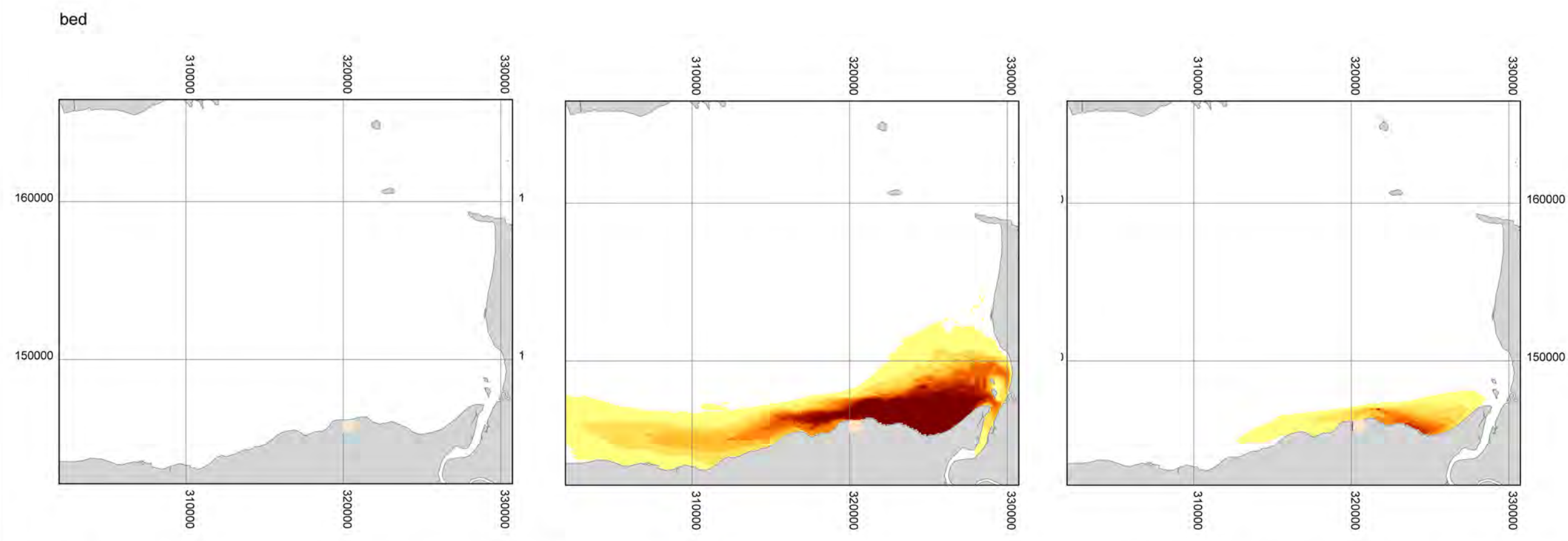
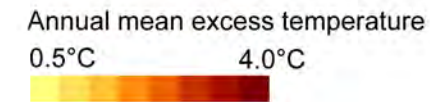
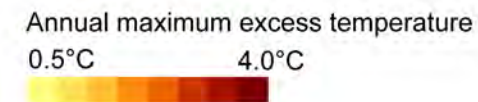
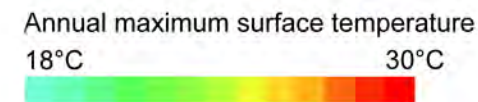
FIGURE NO: FIGURE 19.19	REVISION: 01
DATE: SEPT 2011	DRAWN: B.B.
SCALE: 1:1500 @ A3	

SCALE BAR

0 15 75 m



surface



bed

KEY
 PROPOSED HINKLEY POINT C POWER STATION



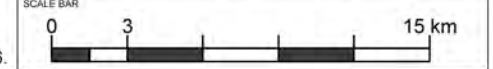
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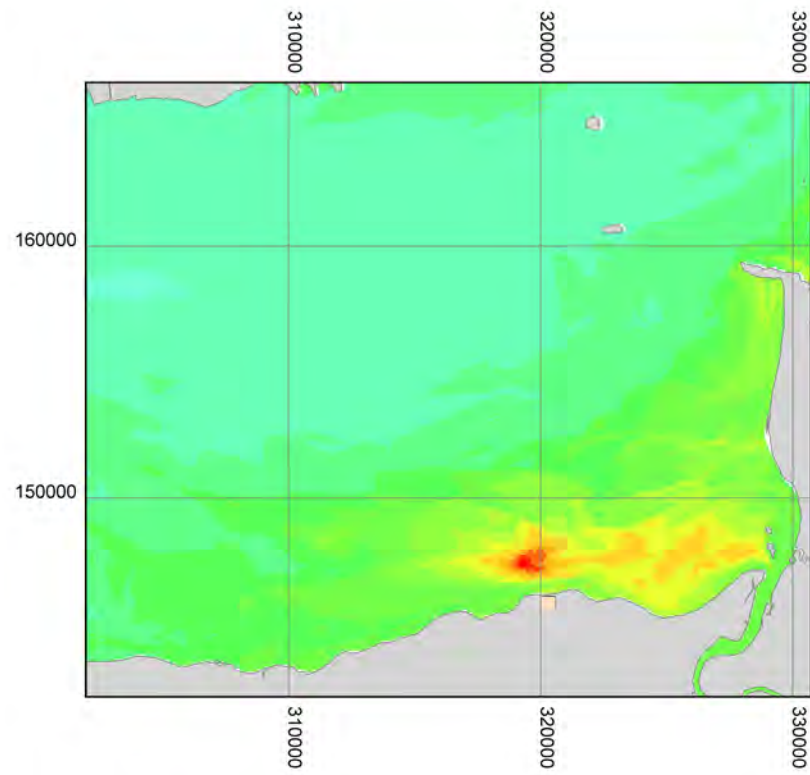


DOCUMENT:
HINKLEY POINT C PROJECT ENVIRONMENTAL STATEMENT VOLUME 2 CHAPTER 19

FIGURE TITLE:
THERMAL PLUME HPB 100% ONLY

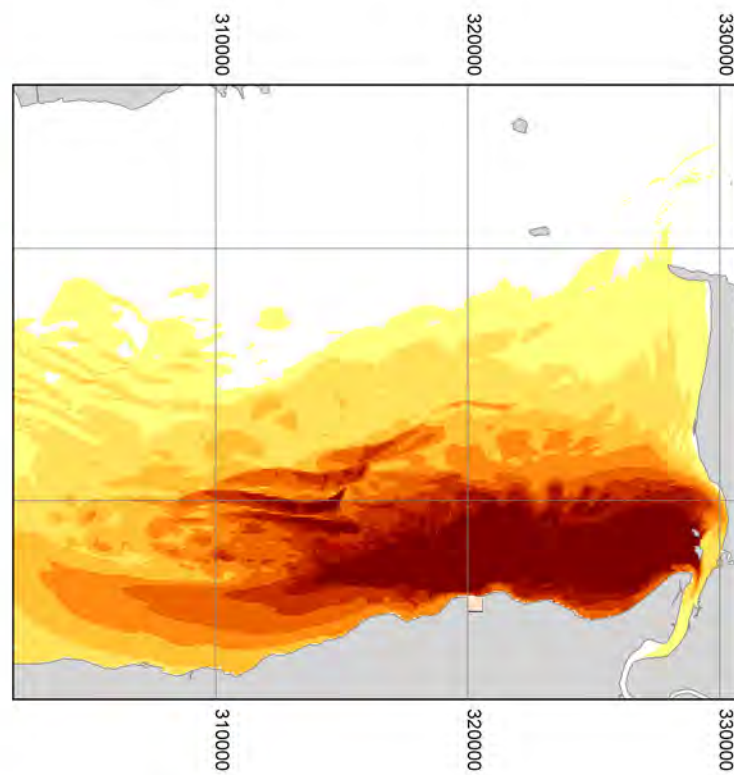
FIGURE NO: **FIGURE 19.20** REVISION: **01**
 DATE: **SEPT 2011** DRAWN: **B.B.** SCALE: **1:300000 @ A3**



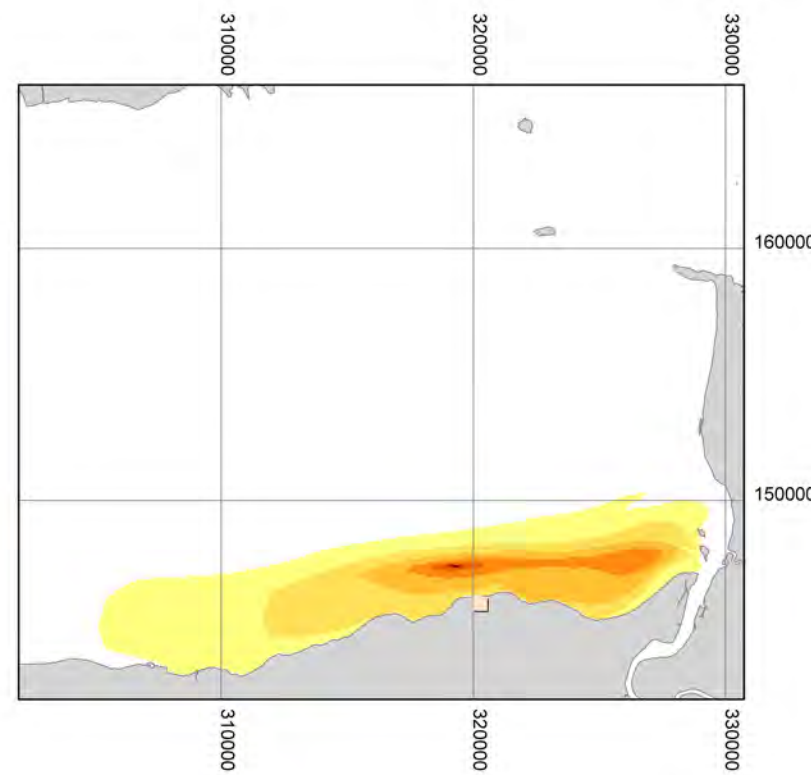


surface

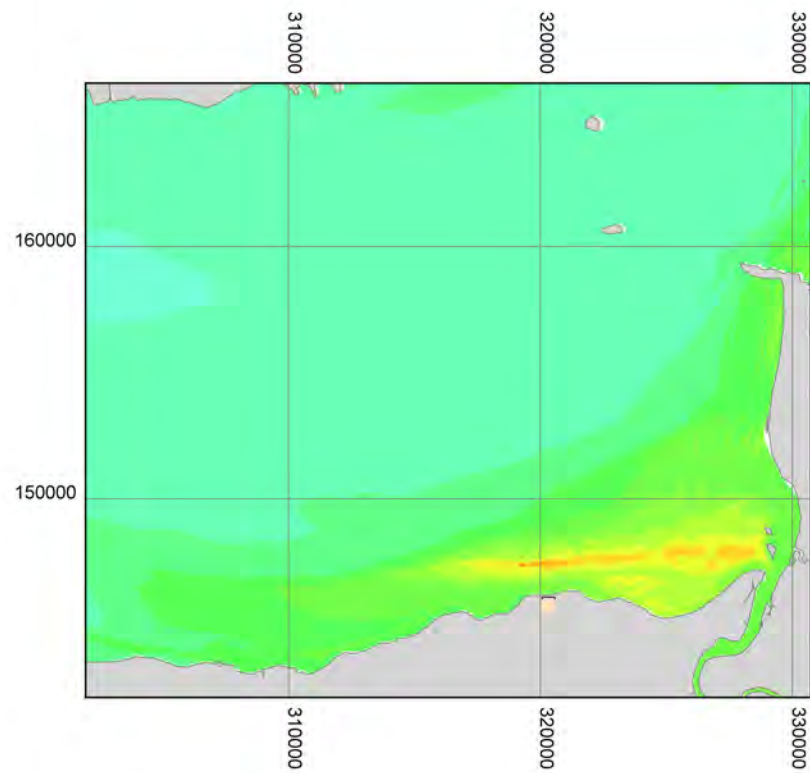
Annual maximum surface temperature
18°C 30°C



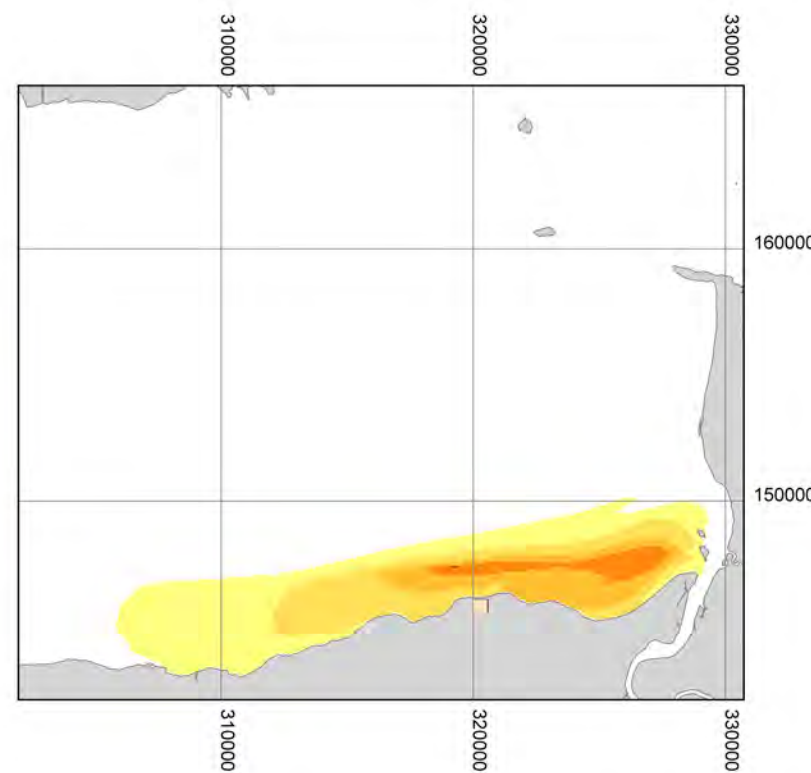
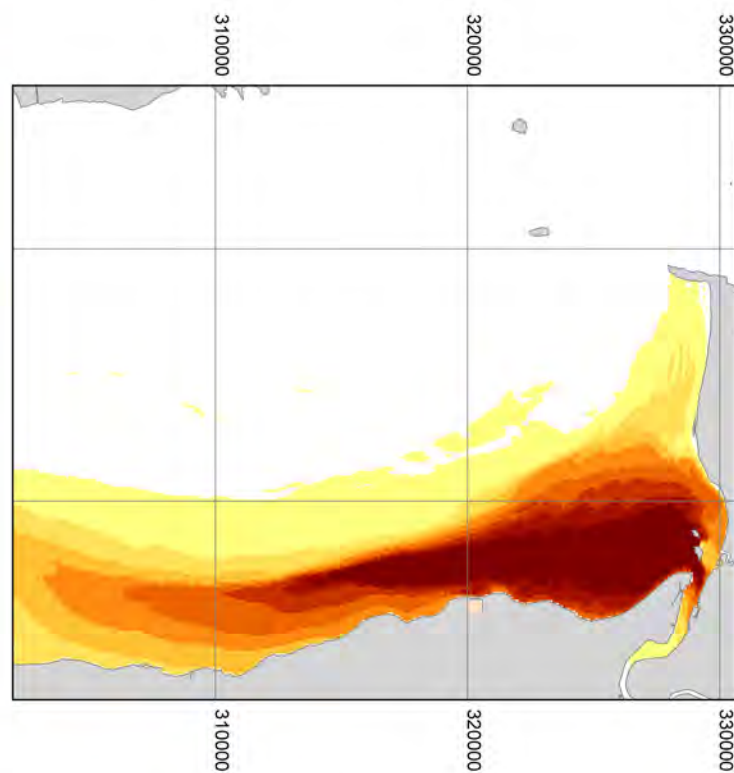
Annual maximum excess temperature
0.5°C 4.0°C




Annual mean excess temperature
0.5°C 4.0°C



bed



KEY

 PROPOSED HINKLEY POINT C POWER STATION



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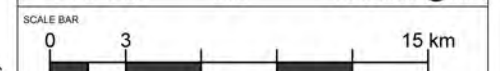


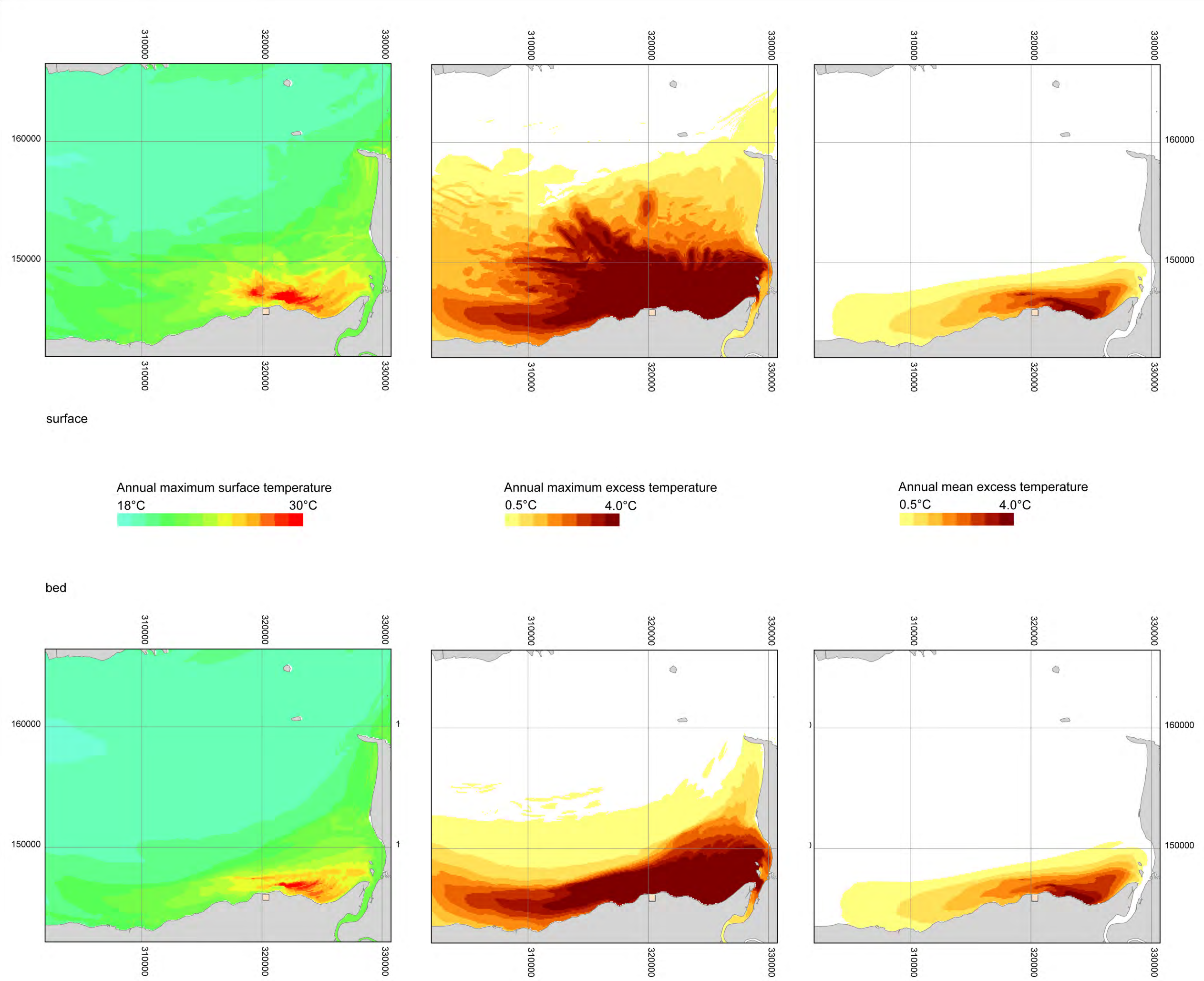
DOCUMENT:
HINKLEY POINT C PROJECT
ENVIRONMENTAL STATEMENT
VOLUME 2 CHAPTER 19

FIGURE TITLE:
THERMAL PLUME
HPC 100% ONLY

FIGURE NO: FIGURE 19.21 REVISION: 01

DATE: SEPT 2011 DRAWN: B.B. SCALE: 1:300000 @ A3





KEY
 PROPOSED HINKLEY POINT C POWER STATION

Annual maximum surface temperature
 18°C 30°C

Annual maximum excess temperature
 0.5°C 4.0°C

Annual mean excess temperature
 0.5°C 4.0°C



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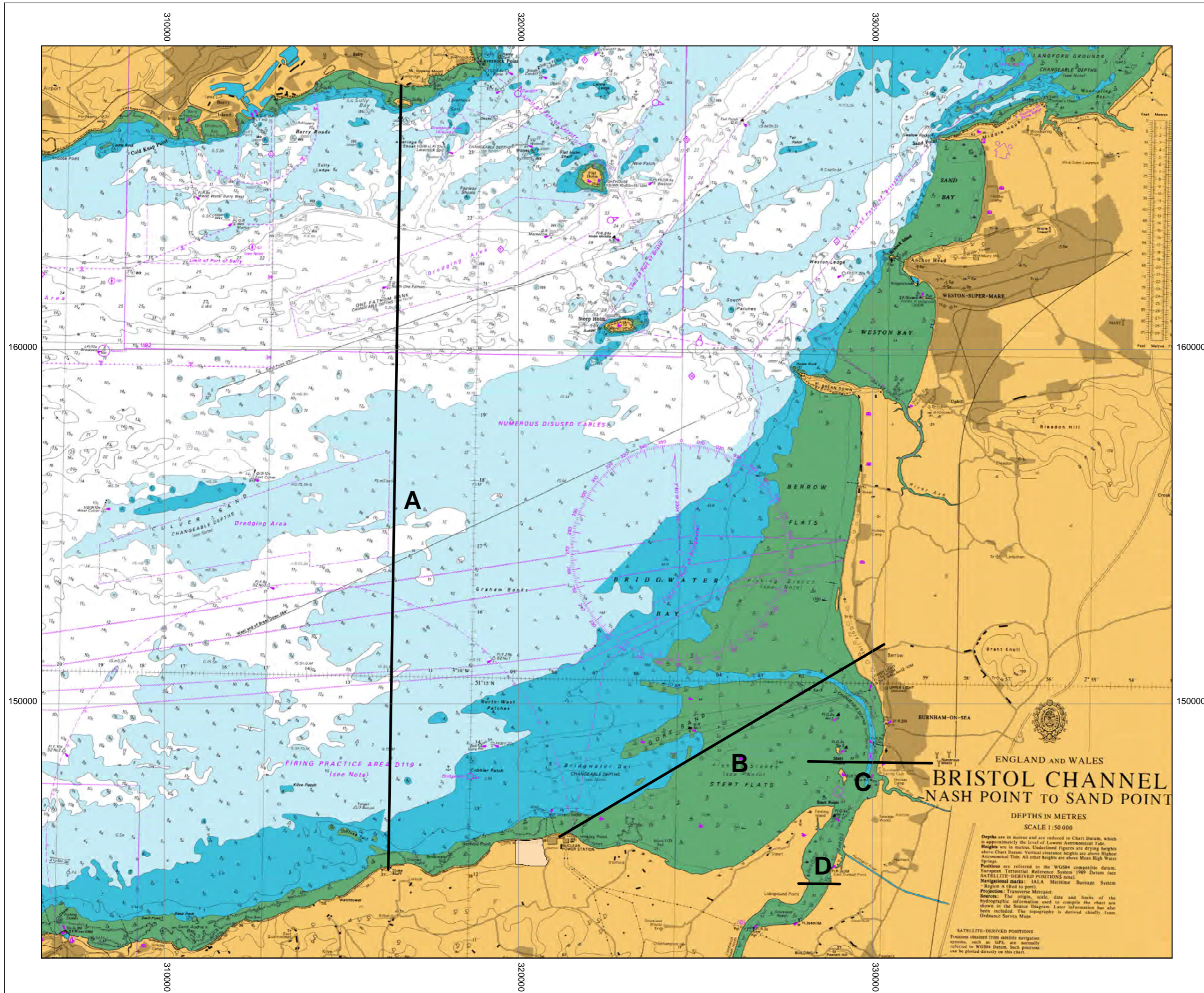


DOCUMENT:
HINKLEY POINT C PROJECT ENVIRONMENTAL STATEMENT VOLUME 2 CHAPTER 19

FIGURE TITLE:
THERMAL PLUME HPB 100% + HPC 100%

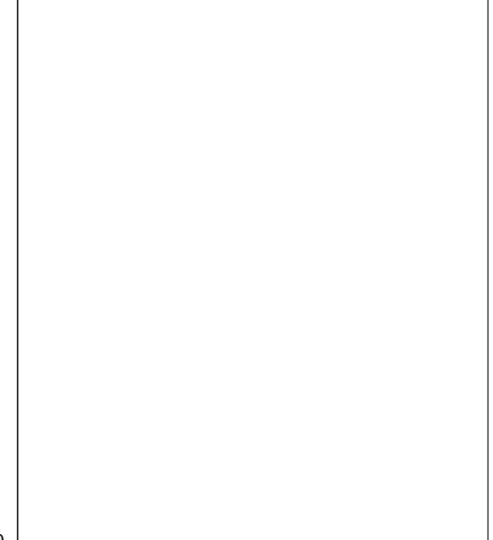
FIGURE NO: **FIGURE 19.22** REVISION: **01**
 DATE: **SEPT 2011** DRAWN: **B.B.** SCALE: **1:300000 @ A3**





KEY

- PROPOSED HINKLEY POINT C POWER STATION
- CROSS-SECTIONS A-D



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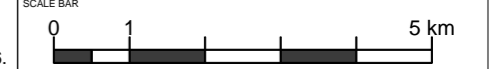


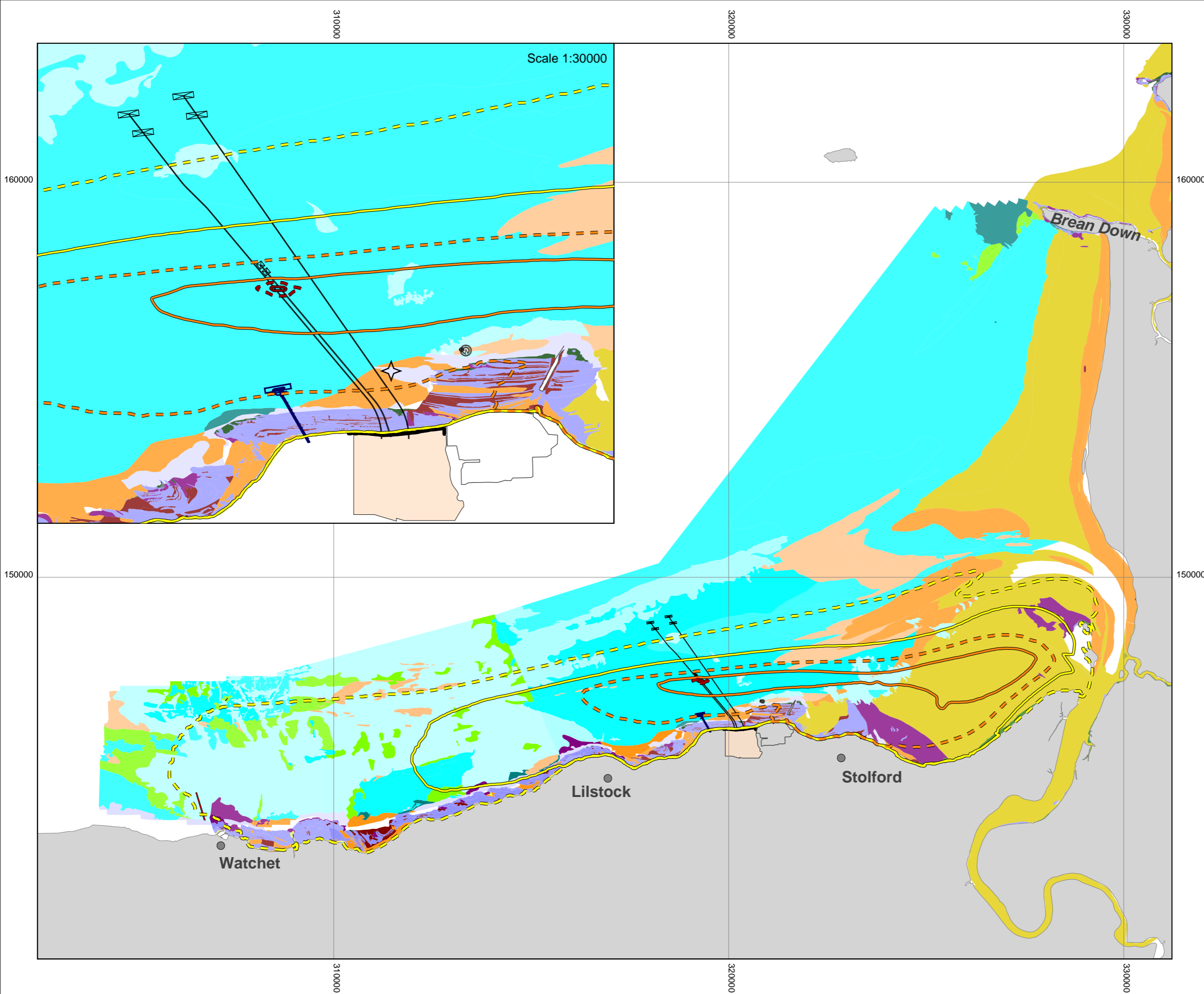
DOCUMENT:
HINKLEY POINT C PROJECT ENVIRONMENTAL STATEMENT VOLUME 2 CHAPTER 19

FIGURE TITLE:
ESTUARINE CROSS-SECTIONS TESTED FOR THERMAL OCCLUSION

FIGURE NO: **FIGURE 19.23** REVISION: **01**

DATE: **SEPT 2011** DRAWN: **B.B.** SCALE: **1:100000 @ A3**





KEY

- PROPOSED HINKLEY POINT C POWER STATION
- HINKLEY POINT A AND B POWER STATIONS

EUNIS HABITAT CLASSIFICATIONS
(GROUPED TO LOWER LEVELS FOR DISPLAY)

- [SEMIBALANUS BALANOIDES], [PATELLA VULGATA] AND [LITTORINA] SPP. ON EXPOSED TO MODERATELY EXPOSED OR VERTICAL SHELTERED EULITTORAL ROCK
- MODERATE ENERGY LITTORAL ROCK
- LOW ENERGY LITTORAL ROCK
- FEATURES OF LITTORAL ROCK
- BARREN LITTORAL SHINGLE
- LITTORAL SAND AND MUDDY SAND
- LITTORAL MUD
- LITTORAL MIXED SEDIMENTS
- COASTAL SALT MARSHES AND SALINE REEDBEDS
- [SABELLARIA ALVEOLATA] REEFS ON SAND-ABRADED EULITTORAL ROCK
- ATLANTIC AND MEDITERRANEAN HIGH ENERGY INFRA LITTORAL ROCK
- SUBLITTORAL SAND IN VARIABLE SALINITY (ESTUARIES)
- [NEPHTYS HOMBERGII] AND [MACOMA BALTHICA] IN INFRA LITTORAL SANDY MUD
- SUBLITTORAL MIXED SEDIMENT IN VARIABLE SALINITY (ESTUARIES)
- [SABELLARIA ALVEOLATA] ON VARIABLE SALINITY SUBLITTORAL MIXED SEDIMENT
- LICHENS OR SMALL GREEN ALGAE ON SUPRALITTORAL AND LITTORAL FRINGE ROCK

THERMAL PLUME - EXCESS TEMPERATURE AT THE SEABED [°C]

- 0.5
- 1
- 1.5
- 2
- 2.5
- 3



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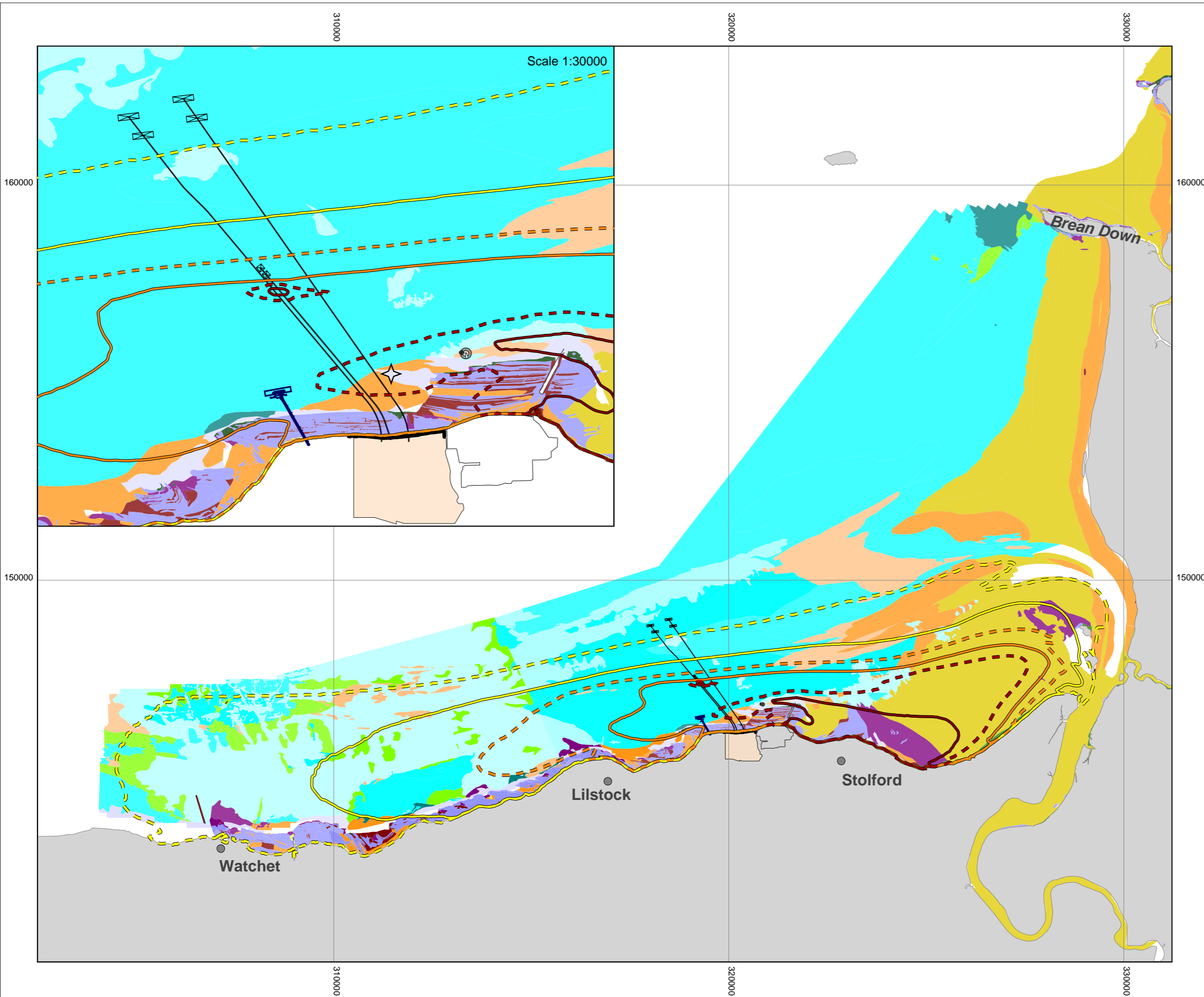
DOCUMENT:
HINKLEY POINT C PROJECT ENVIRONMENTAL STATEMENT VOLUME 2 CHAPTER 19

FIGURE TITLE:
PREDICTED THERMAL PLUME, MEAN SEA WATER BOTTOM TEMPERATURES, HPC ALONE AT 100%

FIGURE NO: **FIGURE 19.24** REVISION: **01**

DATE: **SEPT 2011** DRAWN: **B.B.** SCALE: **1:90000 @ A3**





KEY

- PROPOSED HINKLEY POINT C POWER STATION
- HINKLEY POINT A AND B POWER STATIONS

EUNIS HABITAT CLASSIFICATIONS
(GROUPED TO LOWER LEVELS FOR DISPLAY)

- [SEMIBALANUS BALANOIDES], [PATELLA VULGATA] AND [LITTORINA] SPP. ON EXPOSED TO MODERATELY EXPOSED OR VERTICAL SHELTERED EULITTORAL ROCK
- MODERATE ENERGY LITTORAL ROCK
- LOW ENERGY LITTORAL ROCK
- FEATURES OF LITTORAL ROCK
- BARREN LITTORAL SHINGLE
- LITTORAL SAND AND MUDDY SAND
- LITTORAL MUD
- LITTORAL MIXED SEDIMENTS
- COASTAL SALT MARSHES AND SALINE REEDBEDS
- [SABELLARIA ALVEOLATA] REEFS ON SAND-ABRADED EULITTORAL ROCK
- ATLANTIC AND MEDITERRANEAN HIGH ENERGY INFRA LITTORAL ROCK
- SUBLITTORAL SAND IN VARIABLE SALINITY (ESTUARIES)
- [NEPHTYS HOMBERGII] AND [MACOMA BALTHICA] IN INFRA LITTORAL SANDY MUD
- SUBLITTORAL MIXED SEDIMENT IN VARIABLE SALINITY (ESTUARIES)
- [SABELLARIA ALVEOLATA] ON VARIABLE SALINITY SUBLITTORAL MIXED SEDIMENT
- LICHENS OR SMALL GREEN ALGAE ON SUPRALITTORAL AND LITTORAL FRINGE ROCK

THERMAL PLUME - EXCESS TEMPERATURE AT THE SEABED [°C]

- 0.5
- 1
- 1.5
- 2
- 2.5
- 3



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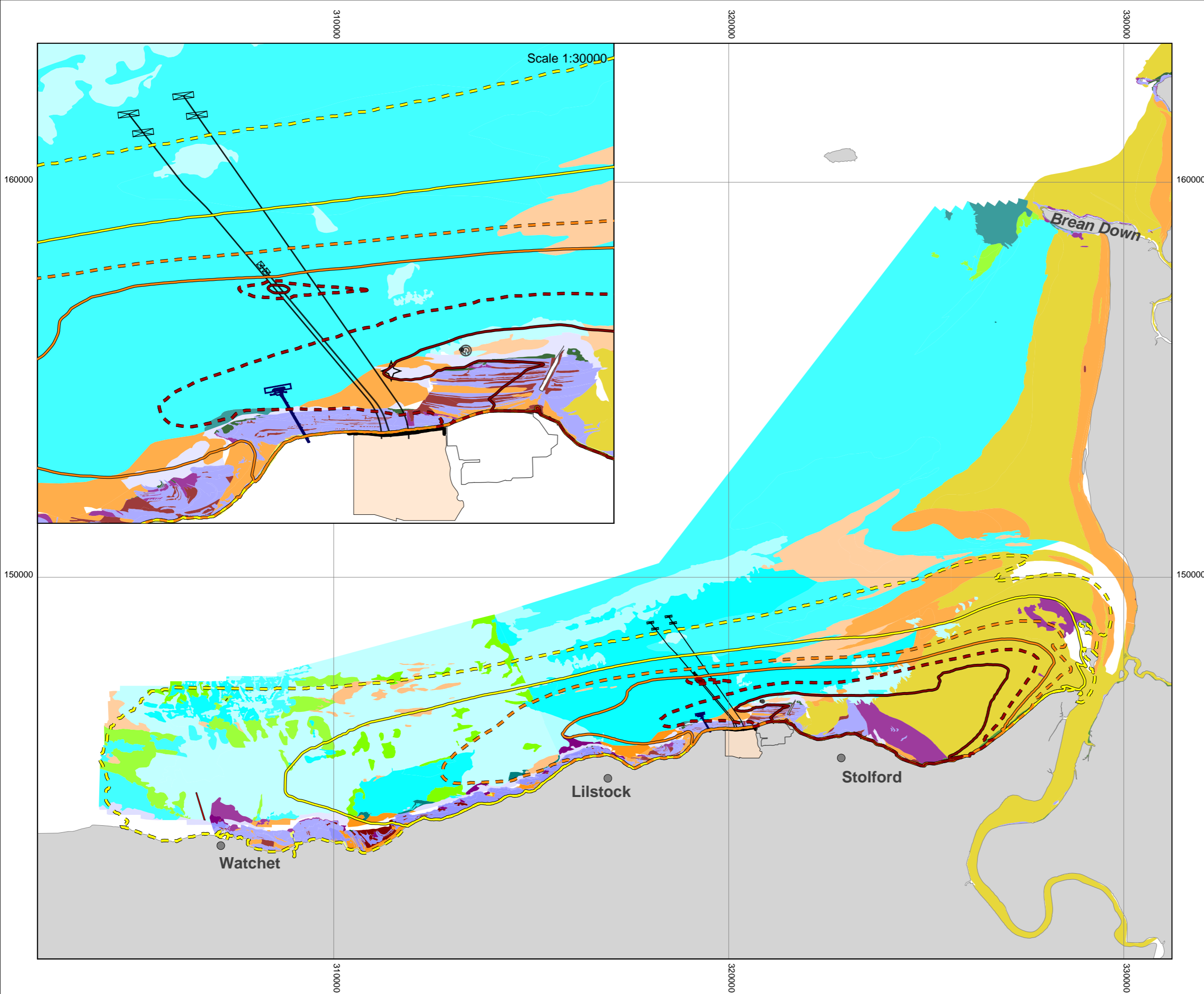
DOCUMENT:
HINKLEY POINT C PROJECT ENVIRONMENTAL STATEMENT VOLUME 2 CHAPTER 19

FIGURE TITLE:
PREDICTED THERMAL PLUME, MEAN SEA WATER BOTTOM TEMPERATURES, HPB AT 70% + HPC AT 100%

FIGURE NO: **FIGURE 19.25** REVISION: **01**

DATE: **SEPT 2011** DRAWN: **B.B.** SCALE: **1:90000 @ A3**





KEY

- PROPOSED HINKLEY POINT C POWER STATION
- HINKLEY POINT A AND B POWER STATIONS

EUNIS HABITAT CLASSIFICATIONS
(GROUPED TO LOWER LEVELS FOR DISPLAY)

- [SEMIBALANUS BALANOIDES], [PATELLA VULGATA] AND [LITTORINA] SPP. ON EXPOSED TO MODERATELY EXPOSED OR VERTICAL SHELTERED EULITTORAL ROCK
- MODERATE ENERGY LITTORAL ROCK
- LOW ENERGY LITTORAL ROCK
- FEATURES OF LITTORAL ROCK
- BARREN LITTORAL SHINGLE
- LITTORAL SAND AND MUDDY SAND
- LITTORAL MUD
- LITTORAL MIXED SEDIMENTS
- COASTAL SALT MARSHES AND SALINE REEDBEDS
- [SABELLARIA ALVEOLATA] REEFS ON SAND-ABRADED EULITTORAL ROCK
- ATLANTIC AND MEDITERRANEAN HIGH ENERGY INFRA LITTORAL ROCK
- SUBLITTORAL SAND IN VARIABLE SALINITY (ESTUARIES)
- [NEPHTYS HOMBERGII] AND [MACOMA BALTHICA] IN INFRA LITTORAL SANDY MUD
- SUBLITTORAL MIXED SEDIMENT IN VARIABLE SALINITY (ESTUARIES)
- [SABELLARIA ALVEOLATA] ON VARIABLE SALINITY SUBLITTORAL MIXED SEDIMENT
- LICHENS OR SMALL GREEN ALGAE ON SUPRALITTORAL AND LITTORAL FRINGE ROCK

THERMAL PLUME - EXCESS TEMPERATURE AT THE SEABED [°C]

- 0.5
- 1
- 1.5
- 2
- 2.5
- 3



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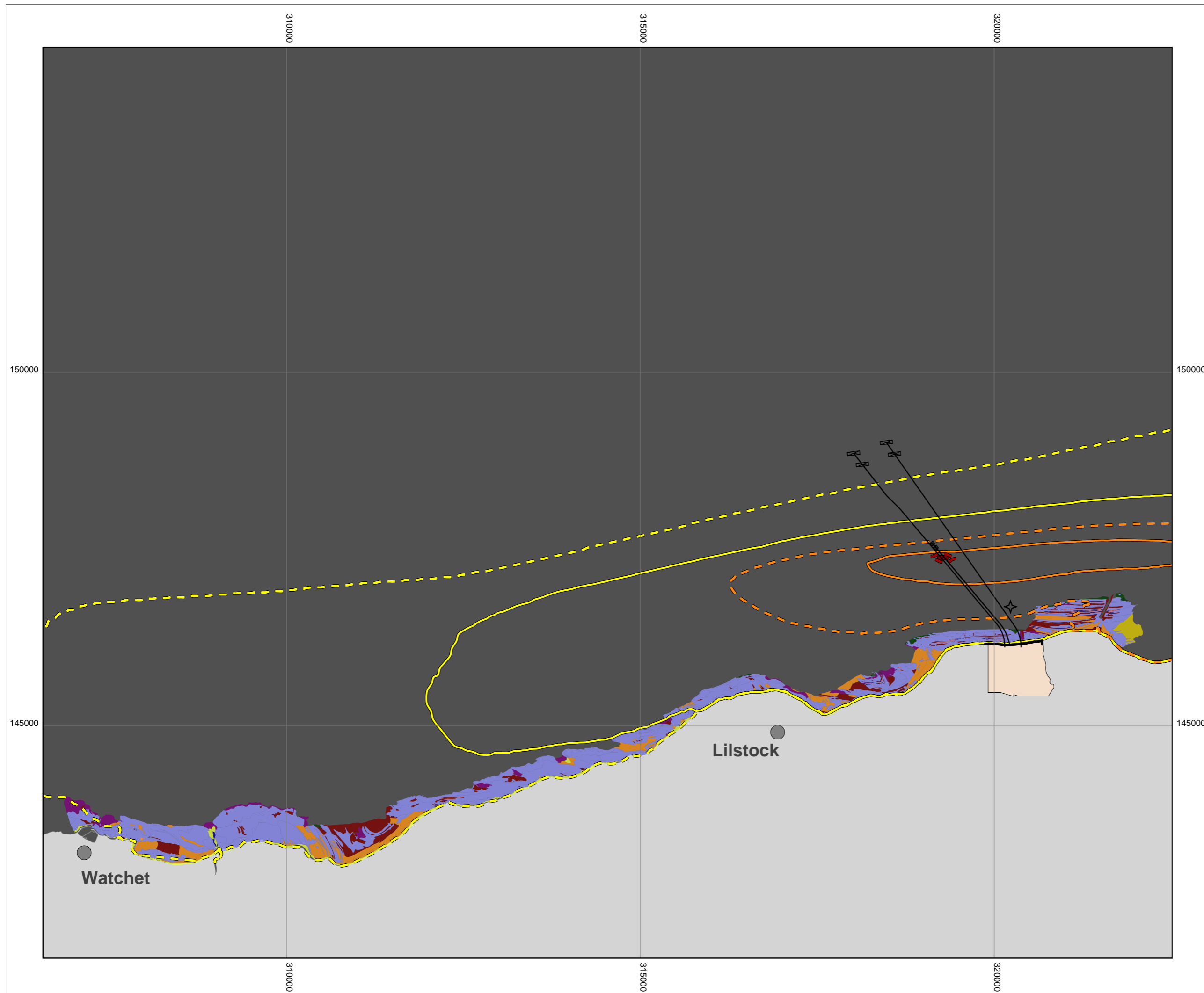
DOCUMENT:
HINKLEY POINT C PROJECT ENVIRONMENTAL STATEMENT VOLUME 2 CHAPTER 19

FIGURE TITLE:
PREDICTED THERMAL PLUME, MEAN SEA WATER BOTTOM TEMPERATURES, HPB AT 100% + HPC AT 100%

FIGURE NO: **FIGURE 19.26** REVISION: **01**

DATE: **SEPT 2011** DRAWN: **B.B.** SCALE: **1:90000 @ A3**





KEY

PROPOSED HINKLEY POINT C POWER STATION

EUNIS HABITAT CLASSIFICATIONS (GROUPED TO LOWER LEVELS FOR DISPLAY)

- LOW ENERGY LITTORAL ROCK
- FEATURES OF LITTORAL ROCK
- BARREN LITTORAL SHINGLE
- LITTORAL SAND AND MUDDY SAND
- LITTORAL MUD
- LITTORAL MIXED SEDIMENTS
- [SABELLARIA ALVEOLATA] REEFS ON SAND-ABRADED EULITTORAL ROCK
- LICHENS OR SMALL GREEN ALGAE ON SUPRALITTORAL AND LITTORAL FRINGE ROCK
- RIVER

THERMAL PLUME - EXCESS TEMPERATURE AT THE SEABED [°C]

- 0.5
- 1
- 1.5
- 2
- 2.5
- 3

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edf ENERGY

DOCUMENT:

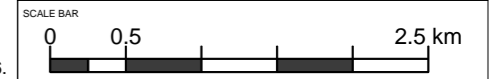
HINKLEY POINT C PROJECT ENVIRONMENTAL STATEMENT VOLUME 2 CHAPTER 19

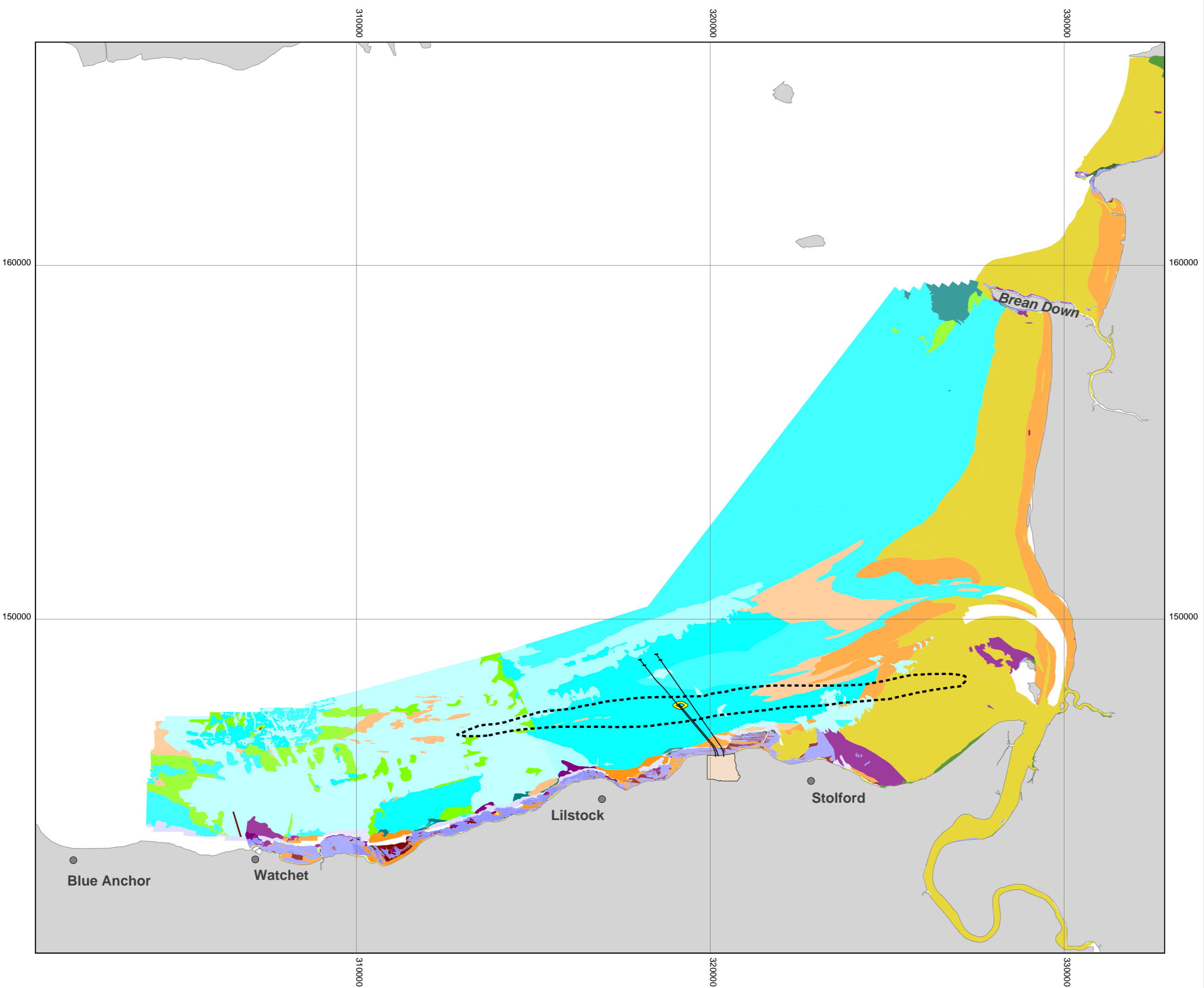
FIGURE TITLE:

PREDICTED EXPOSURE OF WESTERN INTERTIDAL HABITATS TO THERMAL PLUME: HPC 100% ALONE

FIGURE NO: **FIGURE 19.27** REVISION: **01**

DATE: **SEPT 2011** DRAWN: **B.B.** SCALE: **1:50000 @ A3**





- KEY**
- PROPOSED HINKLEY POINT C POWER STATION
- EUNIS HABITAT CLASSIFICATIONS**
(GROUPED TO LOWER LEVELS FOR DISPLAY)
- [SEMIBALANUS BALANOIDES], [PATELLA VULGATA] AND [LITTORINA] SPP. ON EXPOSED TO MODERATELY EXPOSED OR VERTICAL SHELTERED EULITTORAL ROCK
 - MODERATE ENERGY LITTORAL ROCK
 - LOW ENERGY LITTORAL ROCK
 - FEATURES OF LITTORAL ROCK
 - BARREN LITTORAL SHINGLE
 - LITTORAL SAND AND MUDDY SAND
 - LITTORAL MUD
 - LITTORAL MIXED SEDIMENTS
 - COASTAL SALTMARSHES AND SALINE REEDBEDS
 - [SABELLARIA ALVEOLATA] REEFS ON SAND-ABRADED EULITTORAL ROCK
 - ATLANTIC AND MEDITERRANEAN HIGH ENERGY INFRALITTORAL ROCK
 - SUBLITTORAL SAND IN VARIABLE SALINITY (ESTUARIES)
 - [NEPHTYS HOMBERGII] AND [MACOMA BALTHICA] IN INFRALITTORAL SANDY MUD
 - SUBLITTORAL MIXED SEDIMENT IN VARIABLE SALINITY (ESTUARIES)
 - [SABELLARIA ALVEOLATA] ON VARIABLE SALINITY SUBLITTORAL MIXED SEDIMENT
 - LICHENS OR SMALL GREEN ALGAE ON SUPRALITTORAL AND LITTORAL FRINGE ROCK

TRO PLUME AT BED (mg/l)

- 0.001
- 0.01



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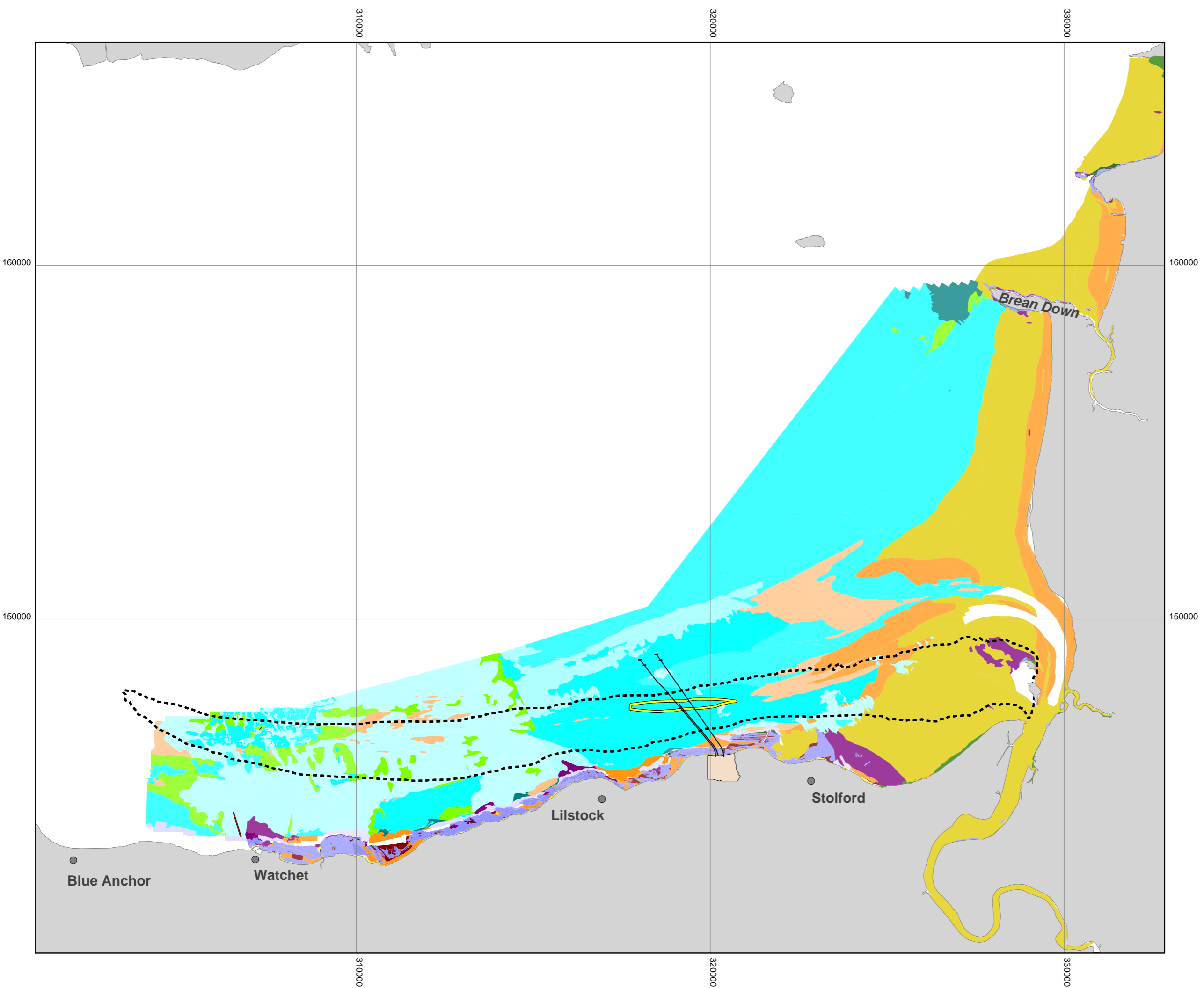


DOCUMENT:
HINKLEY POINT C PROJECT ENVIRONMENTAL STATEMENT VOLUME 2 CHAPTER 19

FIGURE TITLE:
ANNUAL MEAN TRO PLUME FOR HPC ALONE AT 0.2 MG/L AND HABITAT DISTRIBUTIONS NEAR HINKLEY POINT

FIGURE NO: FIGURE 19.28	REVISION: 01
DATE: SEPT 2011	DRAWN: B.B.
SCALE: 1:100000 @ A3	





- KEY**
- PROPOSED HINKLEY POINT C POWER STATION
- EUNIS HABITAT CLASSIFICATIONS**
(GROUPED TO LOWER LEVELS FOR DISPLAY)
- [SEMIBALANUS BALANOIDES], [PATELLA VULGATA] AND [LITTORINA] SPP. ON EXPOSED TO MODERATELY EXPOSED OR VERTICAL SHELTERED EULITTORAL ROCK
 - MODERATE ENERGY LITTORAL ROCK
 - LOW ENERGY LITTORAL ROCK
 - FEATURES OF LITTORAL ROCK
 - BARREN LITTORAL SHINGLE
 - LITTORAL SAND AND MUDDY SAND
 - LITTORAL MUD
 - LITTORAL MIXED SEDIMENTS
 - COASTAL SALTMARSHES AND SALINE REEDBEDS
 - [SABELLARIA ALVEOLATA] REEFS ON SAND-ABRADED EULITTORAL ROCK
 - ATLANTIC AND MEDITERRANEAN HIGH ENERGY INFRA-LITTORAL ROCK
 - SUBLITTORAL SAND IN VARIABLE SALINITY (ESTUARIES)
 - [NEPHTYS HOMBERGII] AND [MACOMA BALTHICA] IN INFRA-LITTORAL SANDY MUD
 - SUBLITTORAL MIXED SEDIMENT IN VARIABLE SALINITY (ESTUARIES)
 - [SABELLARIA ALVEOLATA] ON VARIABLE SALINITY SUBLITTORAL MIXED SEDIMENT
 - LICHENS OR SMALL GREEN ALGAE ON SUPRALITTORAL AND LITTORAL FRINGE ROCK

TRO PLUME AT BED (mg/l)

- 0.001
- 0.01



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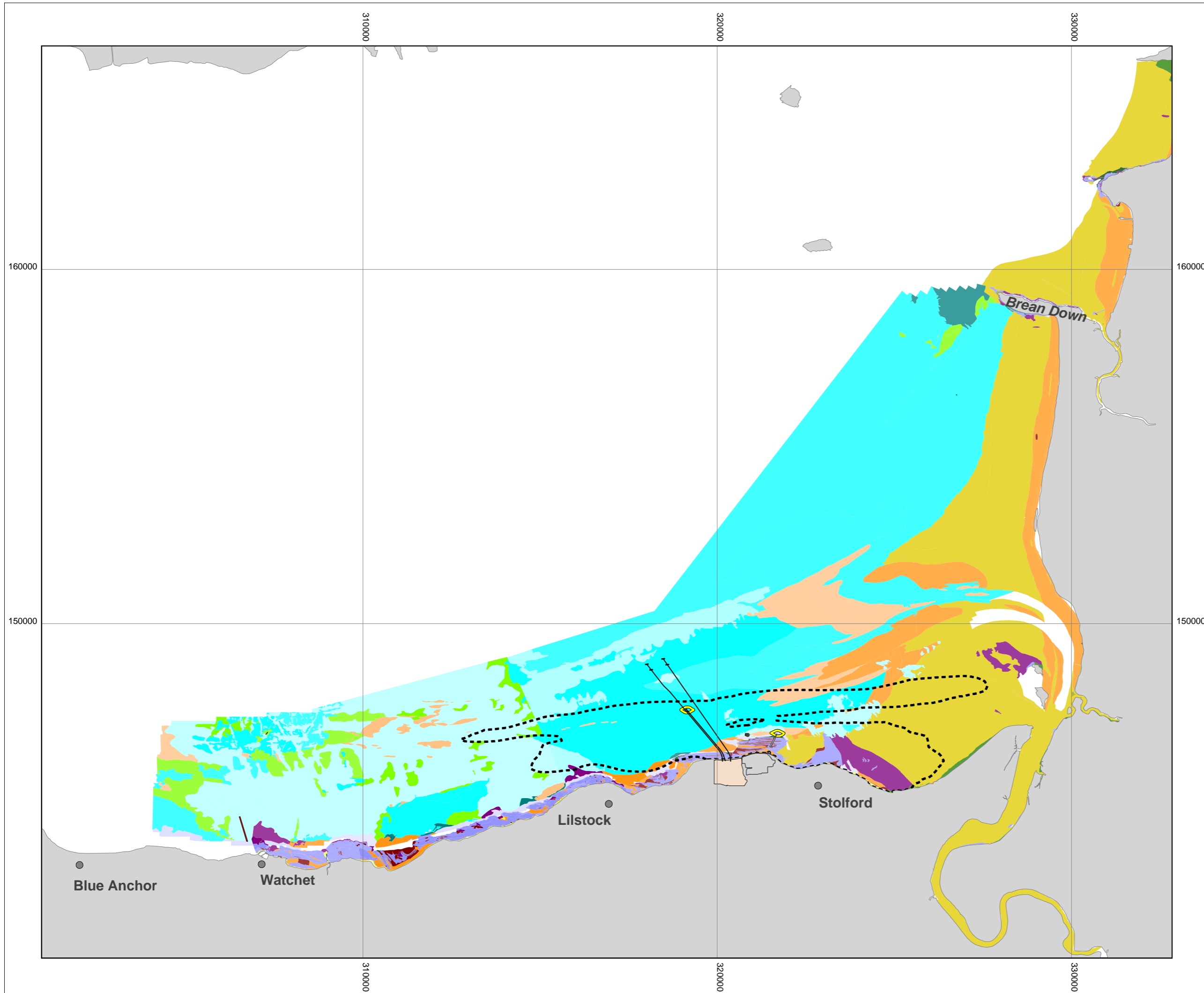


DOCUMENT:
HINKLEY POINT C PROJECT ENVIRONMENTAL STATEMENT VOLUME 2 CHAPTER 19

FIGURE TITLE:
95TH PERCENTILE TRO PLUME FOR HPC ALONE AT 0.2 MG/L AND HABITAT DISTRIBUTIONS NEAR HINKLEY POINT

FIGURE NO: FIGURE 19.29	REVISION: 01
DATE: SEPT 2011	DRAWN: B.B.
SCALE: 1:100000 @ A3	





KEY

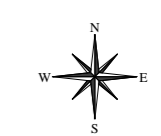
- PROPOSED HINKLEY POINT C POWER STATION
- HINKLEY POINT A AND B POWER STATIONS

EUNIS HABITAT CLASSIFICATIONS
(GROUPED TO LOWER LEVELS FOR DISPLAY)

- [SEMIBALANUS BALANOIDES], [PATELLA VULGATA] AND [LITTORINA] SPP. ON EXPOSED TO MODERATELY EXPOSED OR VERTICAL SHELTERED EULITTORAL ROCK
- MODERATE ENERGY LITTORAL ROCK
- LOW ENERGY LITTORAL ROCK
- FEATURES OF LITTORAL ROCK
- BARREN LITTORAL SHINGLE
- LITTORAL SAND AND MUDDY SAND
- LITTORAL MUD
- LITTORAL MIXED SEDIMENTS
- COASTAL SALTMARSHES AND SALINE REEDBEDS
- [SABELLARIA ALVEOLATA] REEFS ON SAND-ABRADED EULITTORAL ROCK
- ATLANTIC AND MEDITERRANEAN HIGH ENERGY INFRA-LITTORAL ROCK
- SUBLITTORAL SAND IN VARIABLE SALINITY (ESTUARIES)
- [NEPHTYS HOMBERGII] AND [MACOMA BALTHICA] IN INFRA-LITTORAL SANDY MUD
- SUBLITTORAL MIXED SEDIMENT IN VARIABLE SALINITY (ESTUARIES)
- [SABELLARIA ALVEOLATA] ON VARIABLE SALINITY SUBLITTORAL MIXED SEDIMENT
- LICHENS OR SMALL GREEN ALGAE ON SUPRALITTORAL AND LITTORAL FRINGE ROCK

TRO PLUME AT BED (mg/l)

- 0.001
- 0.01



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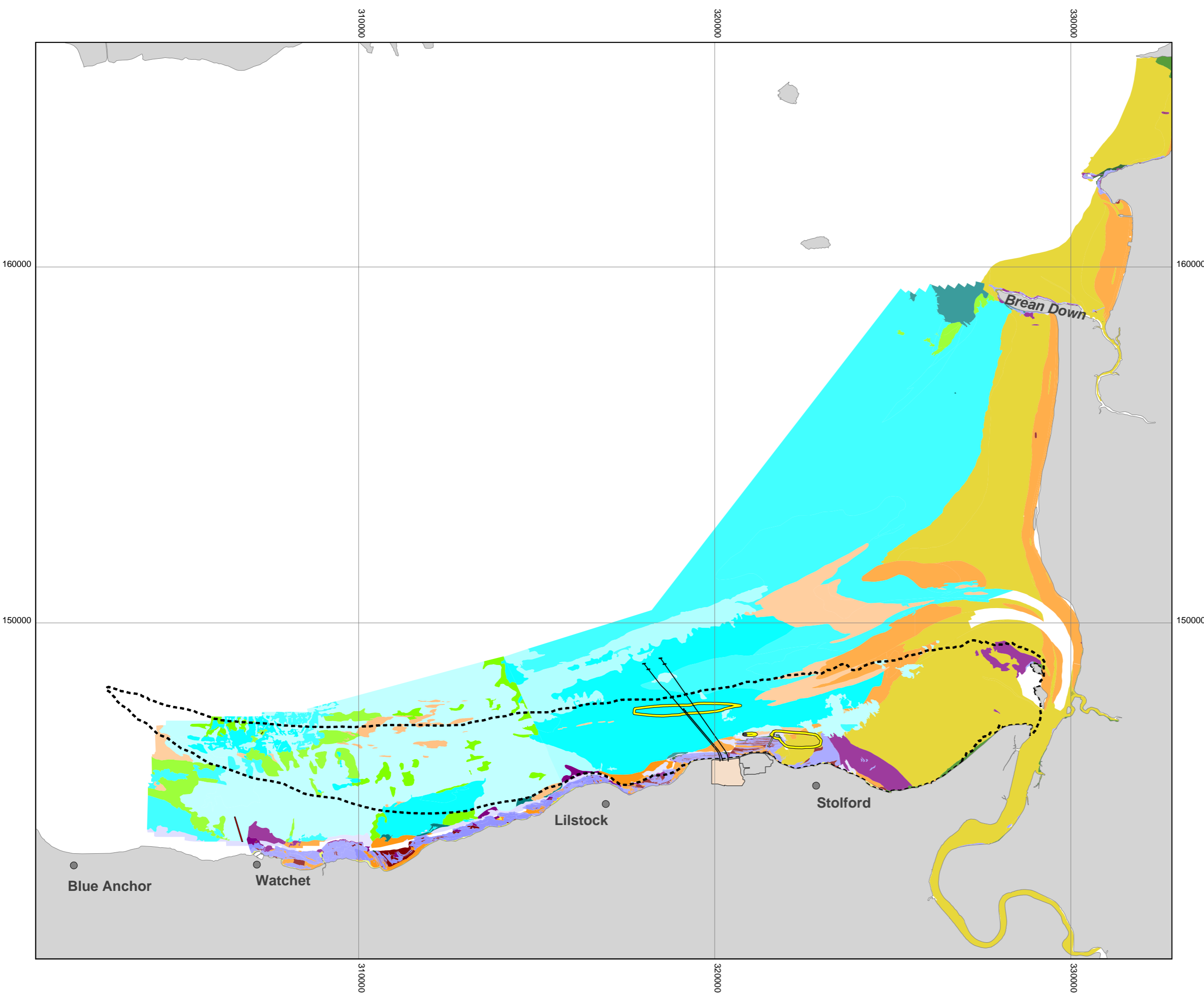
DOCUMENT:
HINKLEY POINT C PROJECT ENVIRONMENTAL STATEMENT VOLUME 2 CHAPTER 19

FIGURE TITLE:
ANNUAL MEAN TRO PLUME FOR HPB+HPC DISCHARGING SIMULTANEOUSLY AT 0.3 AND 0.2 MG/L AND HABITAT DISTRIBUTIONS NEAR HINKLEY POINT

FIGURE NO: **FIGURE 19.30** REVISION: **01**

DATE: **SEPT 2011** DRAWN: **B.B.** SCALE: **1:100000 @ A3**





KEY

- PROPOSED HINKLEY POINT C POWER STATION
- HINKLEY POINT A AND B POWER STATIONS

EUNIS HABITAT CLASSIFICATIONS
(GROUPED TO LOWER LEVELS FOR DISPLAY)

- [SEMIBALANUS BALANOIDES], [PATELLA VULGATA] AND [LITTORINA] SPP. ON EXPOSED TO MODERATELY EXPOSED OR VERTICAL SHELTERED EULITTORAL ROCK
- MODERATE ENERGY LITTORAL ROCK
- LOW ENERGY LITTORAL ROCK
- FEATURES OF LITTORAL ROCK
- BARREN LITTORAL SHINGLE
- LITTORAL SAND AND MUDDY SAND
- LITTORAL MUD
- LITTORAL MIXED SEDIMENTS
- COASTAL SALTMARSHES AND SALINE REEDBEDS
- [SABELLARIA ALVEOLATA] REEFS ON SAND-ABRADED EULITTORAL ROCK
- ATLANTIC AND MEDITERRANEAN HIGH ENERGY INFRA-LITTORAL ROCK
- SUBLITTORAL SAND IN VARIABLE SALINITY (ESTUARIES)
- [NEPHTYS HOMBERGII] AND [MACOMA BALTHICA] IN INFRA-LITTORAL SANDY MUD
- SUBLITTORAL MIXED SEDIMENT IN VARIABLE SALINITY (ESTUARIES)
- [SABELLARIA ALVEOLATA] ON VARIABLE SALINITY SUBLITTORAL MIXED SEDIMENT
- LICHENS OR SMALL GREEN ALGAE ON SUPRALITTORAL AND LITTORAL FRINGE ROCK

TRO PLUME AT BED (mg/l)

- 0.001
- 0.01



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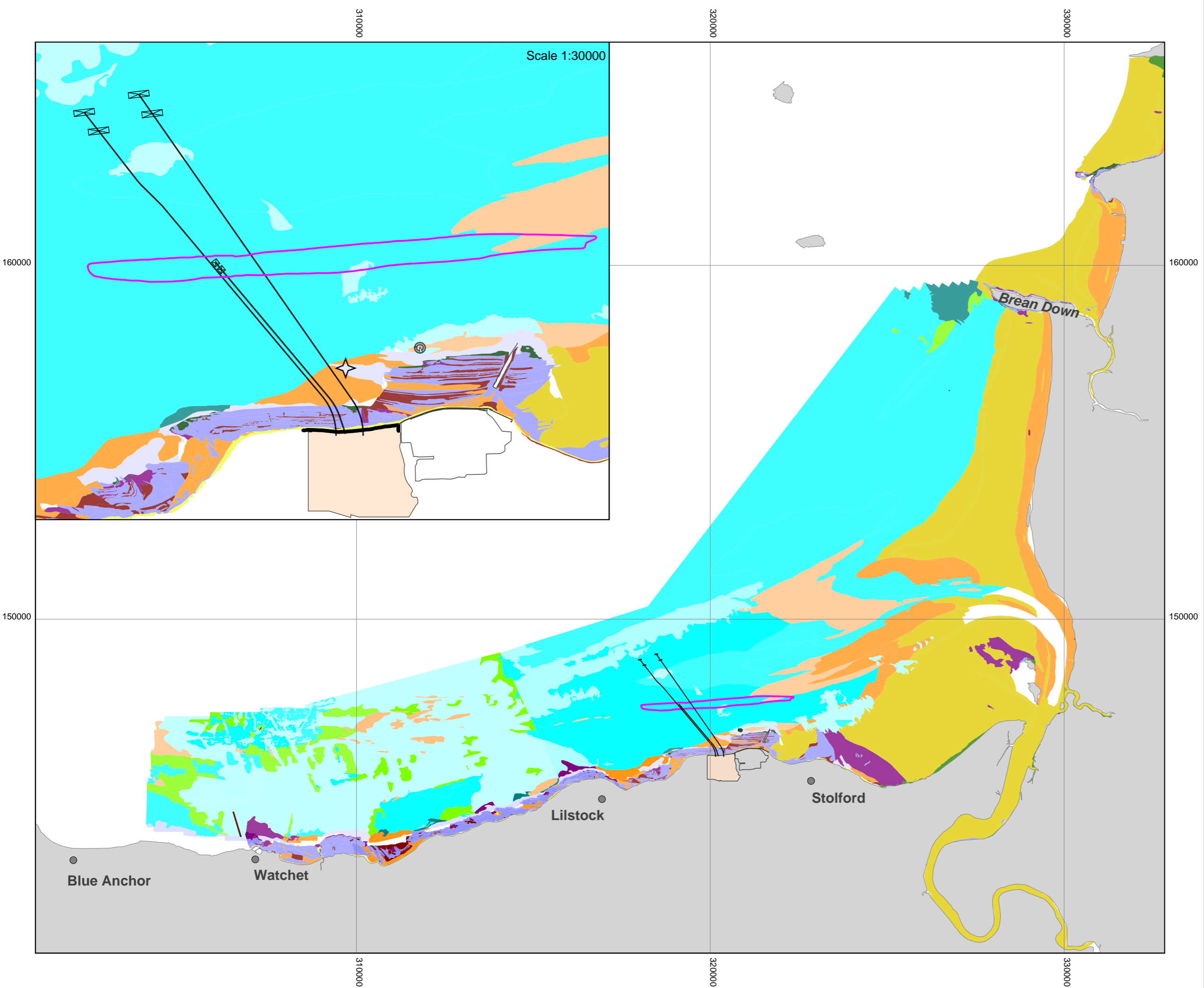


DOCUMENT:
HINKLEY POINT C PROJECT ENVIRONMENTAL STATEMENT VOLUME 2 CHAPTER 19

FIGURE TITLE:
95TH PERCENTILE TRO PLUMES FOR HPB+HPC DISCHARGING SIMULTANEOUSLY AT 0.3 AND 0.2 MG/L AND HABITAT DISTRIBUTIONS NEAR HINKLEY POINT

FIGURE NO: FIGURE 19.31	REVISION: 01
DATE: SEPT 2011	DRAWN: B.B.
SCALE: 1:100000 @ A3	





KEY

- PROPOSED HINKLEY POINT C POWER STATION
- HINKLEY POINT A AND B POWER STATIONS

EUNIS HABITAT CLASSIFICATIONS
(GROUPED TO LOWER LEVELS FOR DISPLAY)

- [SEMIBALANUS BALANOIDES], [PATELLA VULGATA] AND [LITTORINA] SPP. ON EXPOSED TO MODERATELY EXPOSED OR VERTICAL SHELTERED EULITTORAL ROCK
- MODERATE ENERGY LITTORAL ROCK
- LOW ENERGY LITTORAL ROCK
- FEATURES OF LITTORAL ROCK
- BARREN LITTORAL SHINGLE
- LITTORAL SAND AND MUDDY SAND
- LITTORAL MUD
- LITTORAL MIXED SEDIMENTS
- COASTAL SALTMARSHES AND SALINE REEDBEDS
- [SABELLARIA ALVEOLATA] REEFS ON SAND-ABRADED EULITTORAL ROCK
- ATLANTIC AND MEDITERRANEAN HIGH ENERGY INFRA-LITTORAL ROCK
- SUBLITTORAL SAND IN VARIABLE SALINITY (ESTUARIES)
- [NEPHTYS HOMBERGII] AND [MACOMA BALTHICA] IN INFRA-LITTORAL SANDY MUD
- SUBLITTORAL MIXED SEDIMENT IN VARIABLE SALINITY (ESTUARIES)
- [SABELLARIA ALVEOLATA] ON VARIABLE SALINITY SUBLITTORAL MIXED SEDIMENT
- LICHENS OR SMALL GREEN ALGAE ON SUPRALITTORAL AND LITTORAL FRINGE ROCK

HYDRAZINE PLUME - ANNUAL MEAN AT THE SEA BED ($\mu\text{g/l}$)

- 0.0004



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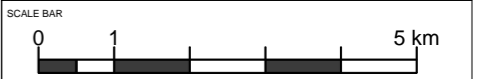


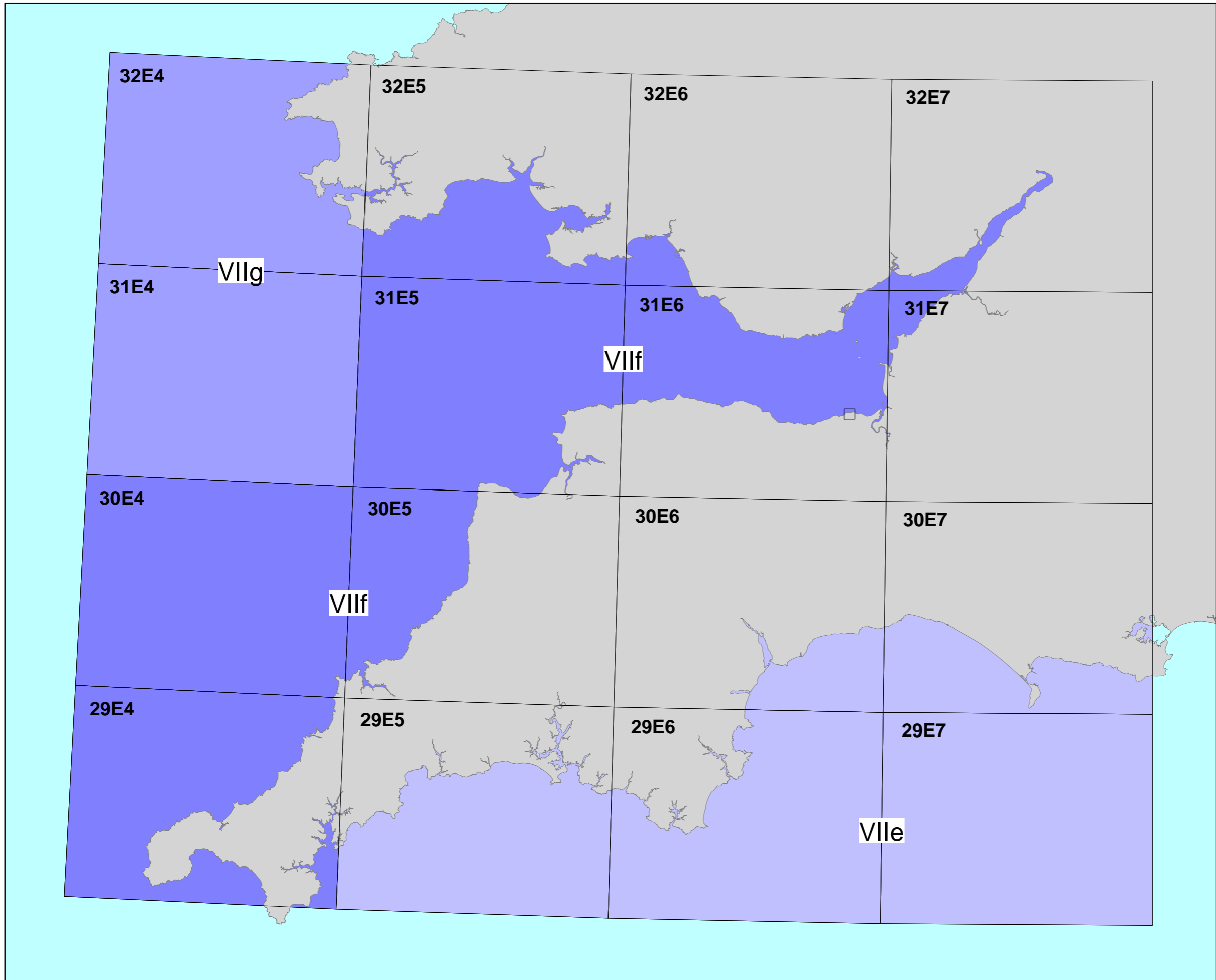
DOCUMENT:
HINKLEY POINT C PROJECT ENVIRONMENTAL STATEMENT VOLUME 2 CHAPTER 19

FIGURE TITLE:
PREDICTED HYDRAZINE PLUMES FOR HPB + HPC. PROPOSED CHRONIC PNEC IS SHOWN; ACUTE PNEC IS NOT EXCEEDED ON THE SEA BED.

FIGURE NO: **FIGURE 19.32** REVISION: **01**

DATE: **SEPT 2011** DRAWN: **B.B.** SCALE: **1:100000 @ A3**








KEY

 PROPOSED HINKLEY POINT C POWER STATION

ICES AREAS

 ICES RECTANGLE WITH NUMBER, DIVISION VIIe

 ICES RECTANGLE WITH NUMBER, DIVISION VIIF

 ICES RECTANGLE WITH NUMBER, DIVISION VIIg



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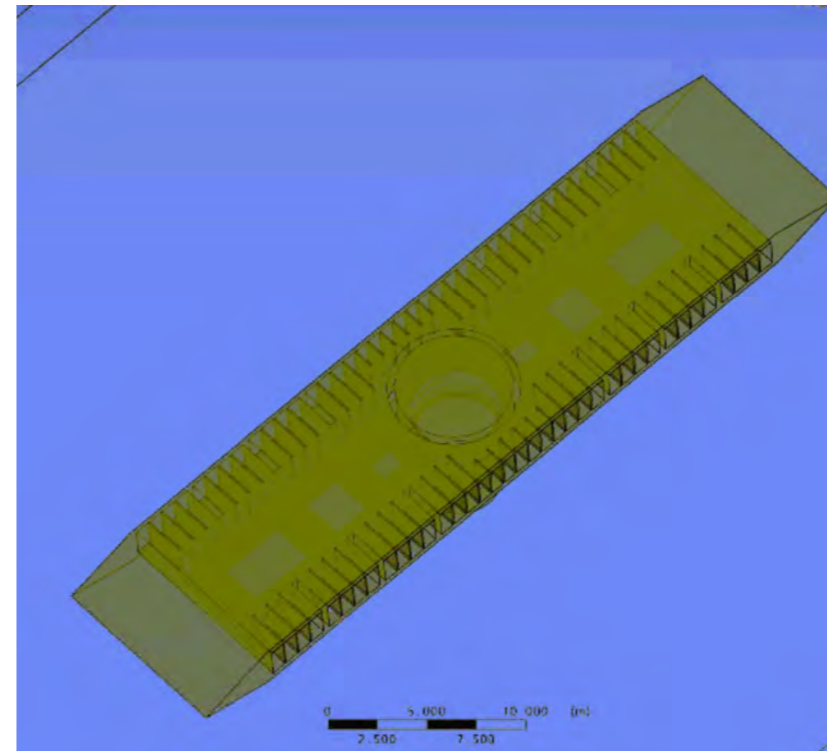
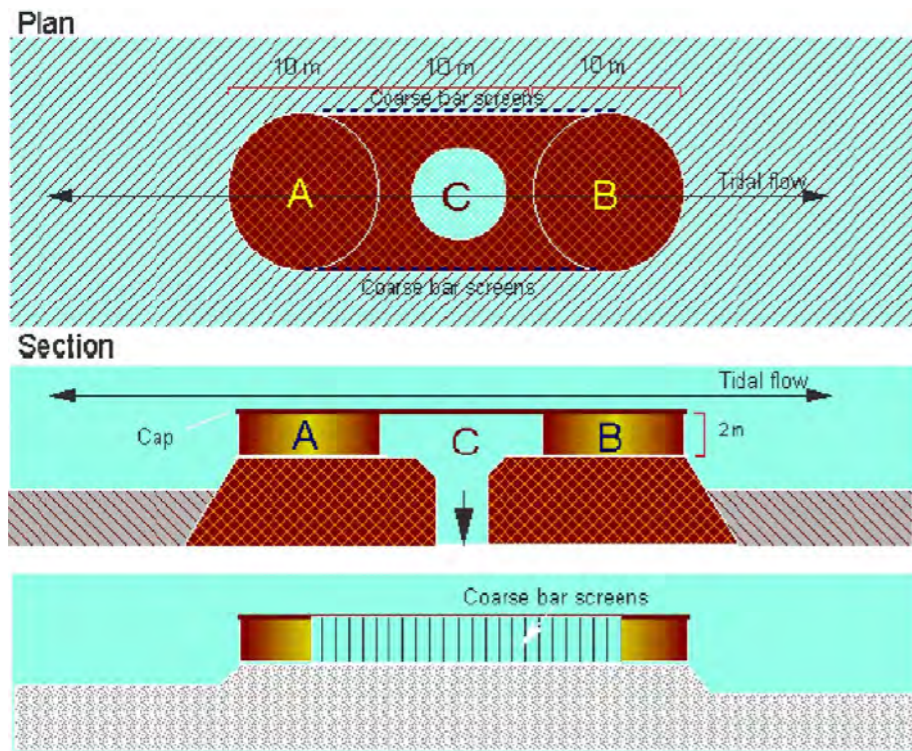
DOCUMENT:
**HINKLEY POINT C PROJECT
 ENVIRONMENTAL STATEMENT
 VOLUME 2 CHAPTER 19**

FIGURE TITLE:
**ICES STATISTICAL RECTANGLES
 FOR THE BRISTOL CHANNEL &
 SEVERN ESTUARY**

FIGURE NO: **FIGURE 19.33** REVISION: **01**

DATE: **SEPT 2011** DRAWN: **B.B.** SCALE: **1:1000000 @ A3**





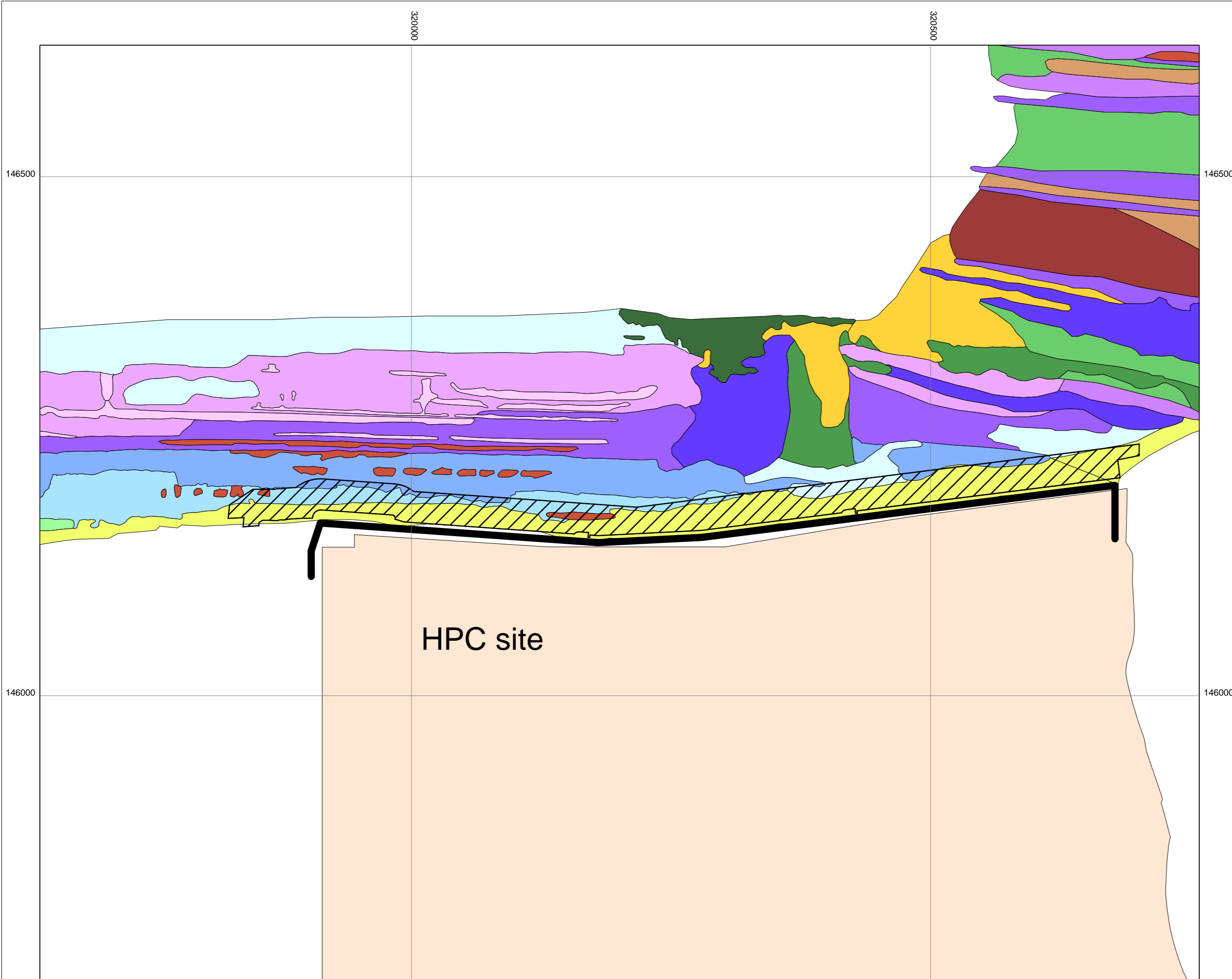
DOCUMENT:
**HINKLEY POINT C PROJECT
 ENVIRONMENTAL STATEMENT
 VOLUME 2 CHAPTER 19**

FIGURE TITLE:
**ORIGINAL LVSE (LEFT) &
 EDF HPC LVSE (RIGHT)
 INTAKE DESIGNS**

FIGURE NO: **FIGURE 19.34** REVISION: **01**

DATE: **SEPT 2011** DRAWN: **B.B.** SCALE:

SCALE BAR



KEY

EUNIS CLASSIFICATIONS

- FUCOIDS IN VARIABLE SALINITY
- [PELVETIA CANALICULATA] ON SHELTERED VARIABLE SALINITY LITTORAL FRINGE ROCK
- [FUCUS SPIRALIS] ON SHELTERED VARIABLE SALINITY UPPER EULITTORAL ROCK
- [FUCUS VESICULOSUS] ON VARIABLE SALINITY MID EULITTORAL BOULDERS AND STABLE MIXED SUBSTRATA/[FUCUS SERRATUS] AND LARGE [MYTILUS EDULIS] ON VARIABLE SALINITY LOWER EULITTORAL ROCK
- [ASCOPHYLLUM NODOSUM] AND [FUCUS VESICULOSUS] ON VARIABLE SALINITY MID EULITTORAL ROCK
- [ASCOPHYLLUM NODOSUM] AND [FUCUS VESICULOSUS] ON VARIABLE SALINITY MID EULITTORAL ROCK/[FUCUS SERRATUS] AND LARGE [MYTILUS EDULIS] ON VARIABLE SALINITY LOWER EULITTORAL ROCK
- [FUCUS SERRATUS] AND LARGE [MYTILUS EDULIS] ON VARIABLE SALINITY LOWER EULITTORAL ROCK
- CORALLINE CRUSTS AND [CORALLINA OFFICINALIS] IN SHALLOW EULITTORAL ROCKPOOLS
- SEAWEEDS IN SEDIMENT-FLOORED EULITTORAL ROCKPOOLS
- GREEN SEAWEEDS ([ENTEROMORPHA] SPP. AND [CLADOPHORA] SPP.) IN SHALLOW UPPER SHORE ROCKPOOLS
- [ENTEROMORPHA] SPP. ON FRESHWATER-INFLUENCED AND/OR UNSTABLE UPPER EULITTORAL ROCK
- HYDROLITTORAL SOFT ROCK
- BARREN LITTORAL SHINGLE
- BARREN LITTORAL COARSE SAND
- [MACOMA BALTHICA] AND [ARENICOLA MARINA] IN MUDDY SAND SHORES
- BARNACLES AND [LITTORINA] SPP. ON UNSTABLE EULITTORAL MIXED SUBSTRATA
- [SABELLARIA ALVEOLATA] REEFS ON SAND-ABRADED EULITTORAL ROCK
- PLANNED PERMANENT SEAWALL
- 30 METRE CONSTRUCTION ZONE

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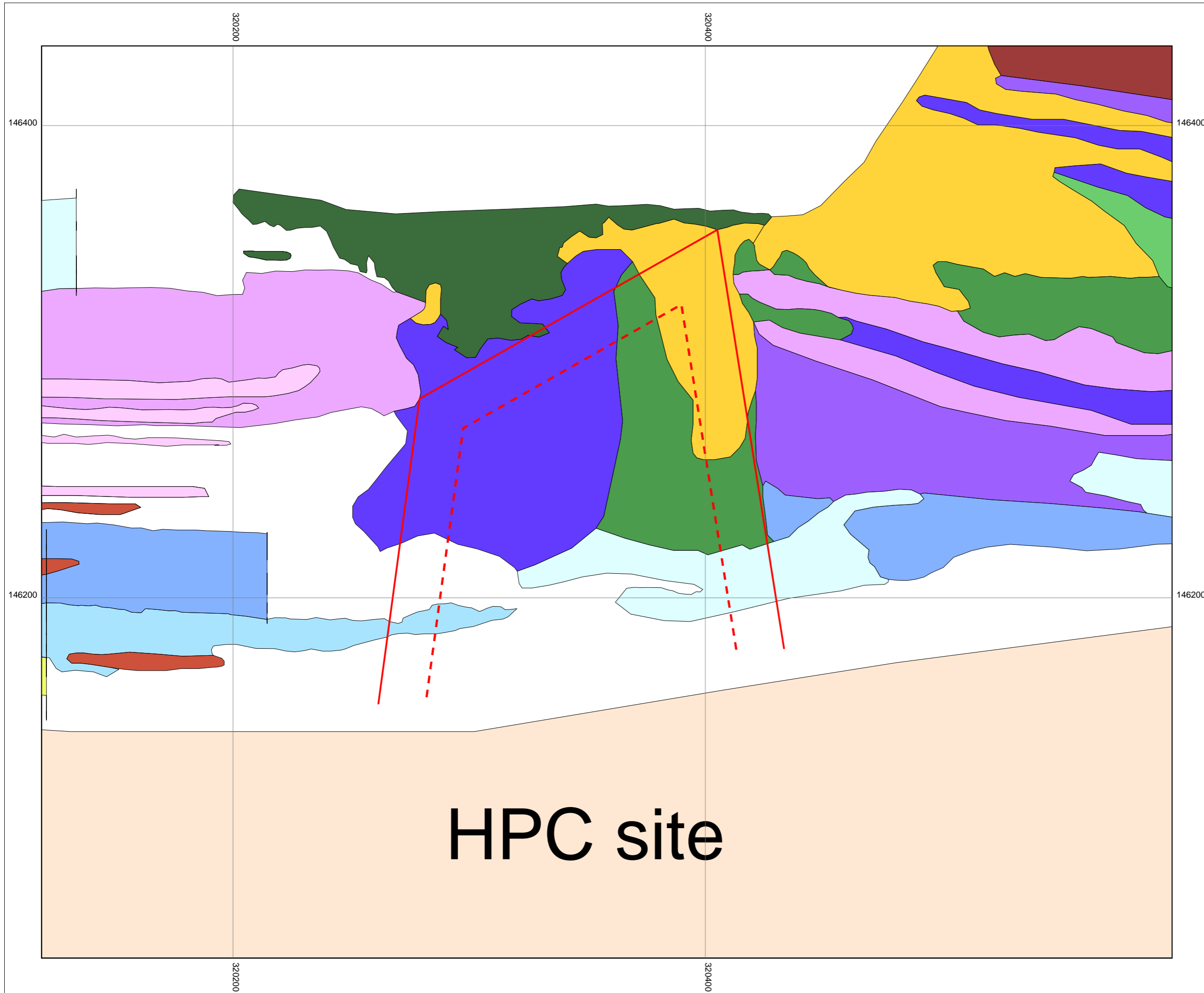


DOCUMENT:
**HINKLEY POINT C PROJECT
 ENVIRONMENTAL STATEMENT
 VOLUME 2 CHAPTER 19**

FIGURE TITLE:
**INTERTIDAL BIOTOPES FRONTING SITE
 AND SEAWALL CONSTRUCTION ZONE**

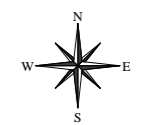
FIGURE NO: FIGURE 19.35	REVISION: 01
DATE: SEPT 2011	DRAWN: B.B.
SCALE: 1:3500 @ A3	





KEY

- EUNIS CLASSIFICATIONS**
- FUCOIDS IN VARIABLE SALINITY
 - [PELVETIA CANALICULATA] ON SHELTERED VARIABLE SALINITY LITTORAL FRINGE ROCK
 - [FUCUS SPIRALIS] ON SHELTERED VARIABLE SALINITY UPPER EULITTORAL ROCK
 - [FUCUS VESICULOSUS] ON VARIABLE SALINITY MID EULITTORAL BOULDERS AND STABLE MIXED SUBSTRATA [FUCUS SERRATUS] AND LARGE [MYTILUS EDULIS] ON VARIABLE SALINITY LOWER EULITTORAL ROCK
 - [ASCOPHYLLUM NODOSUM] AND [FUCUS VESICULOSUS] ON VARIABLE SALINITY MID EULITTORAL ROCK
 - [FUCUS SERRATUS] AND LARGE [MYTILUS EDULIS] ON VARIABLE SALINITY LOWER EULITTORAL ROCK
 - CORALLINE CRUSTS AND [CORALLINA OFFICINALIS] IN SHALLOW EULITTORAL ROCKPOOLS
 - SEAWEEDS IN SEDIMENT-FLOORED EULITTORAL ROCKPOOLS
 - GREEN SEAWEEDS ([ENTEROMORPHA] SPP. AND [CLADOPHORA] SPP.) IN SHALLOW UPPER SHORE ROCKPOOLS
 - HYDROLITTORAL SOFT ROCK
 - BARREN LITTORAL SHINGLE
 - [MACOMA BALTHICA] AND [ARENICOLA MARINA] IN MUDDY SAND SHORES
 - BARNACLES AND [LITTORINA] SPP. ON UNSTABLE EULITTORAL MIXED SUBSTRATA
 - [SABELLARIA ALVEOLATA] REEFS ON SAND-ABRADED EULITTORAL ROCK
- ROCK ARMOUR BARGE BERTHING AND UNLOADING BOUNDARY
 - LIMIT OF WORKING AREA FOR ROCK ARMOUR BARGE BERTHING AND UNLOADING



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HPC site

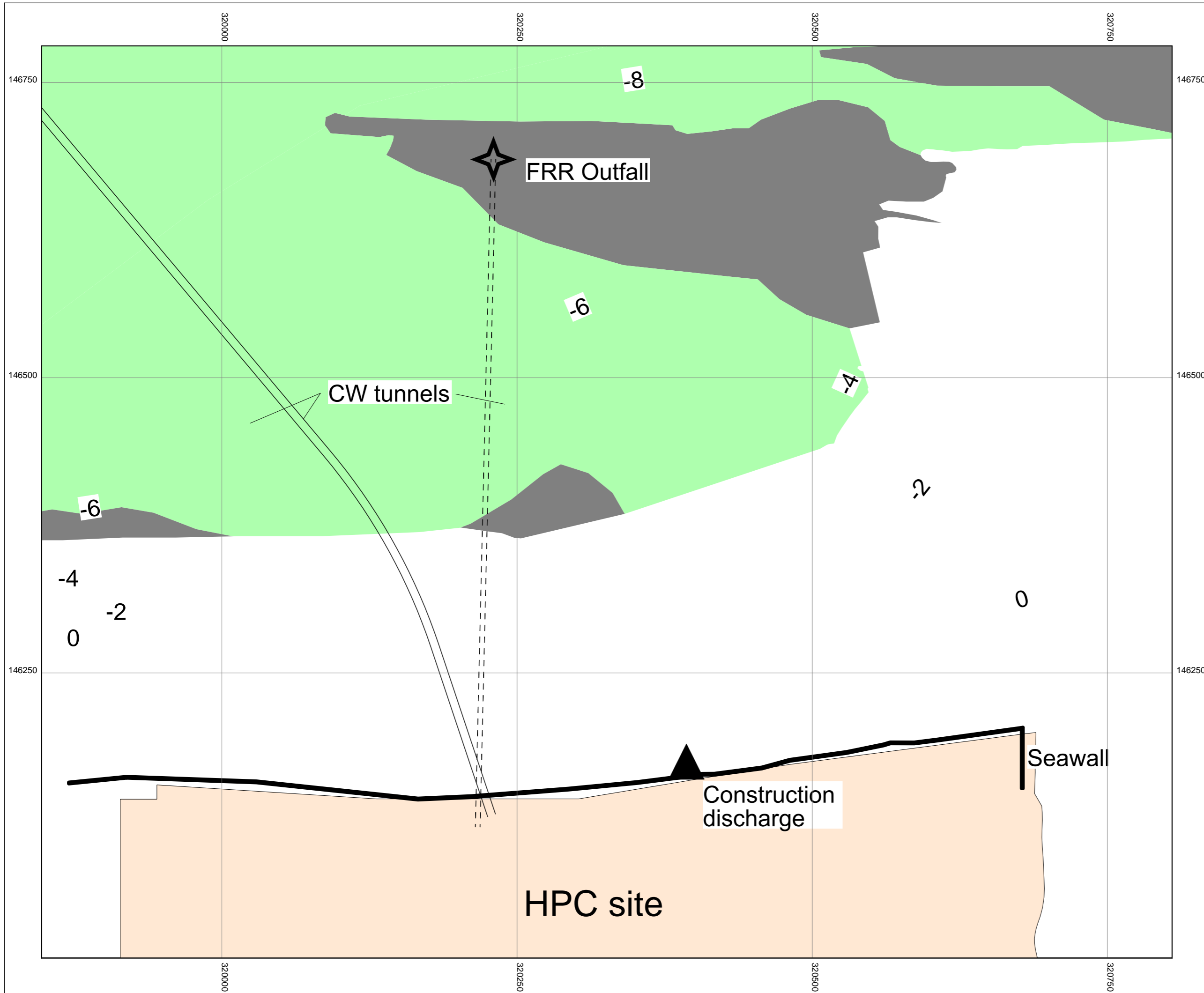
DOCUMENT:
HINKLEY POINT C PROJECT ENVIRONMENTAL STATEMENT VOLUME 2 CHAPTER 19

FIGURE TITLE:
ROCK ARMOUR BARGE BERTHING AND UNLOADING AREA AND ROCKY SHORE HABITATS

FIGURE NO: **FIGURE 19.36** REVISION: **01**

DATE: **SEPT 2011** DRAWN: **B.B.** SCALE: **1:1500 @ A3**





KEY

PROPOSED HINKLEY POINT C POWER STATION

SEABED SEDIMENTS

BEDROCK

MUD

—4— DEPTH CONTOURS IN METRE TO OSDN



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DOCUMENT:

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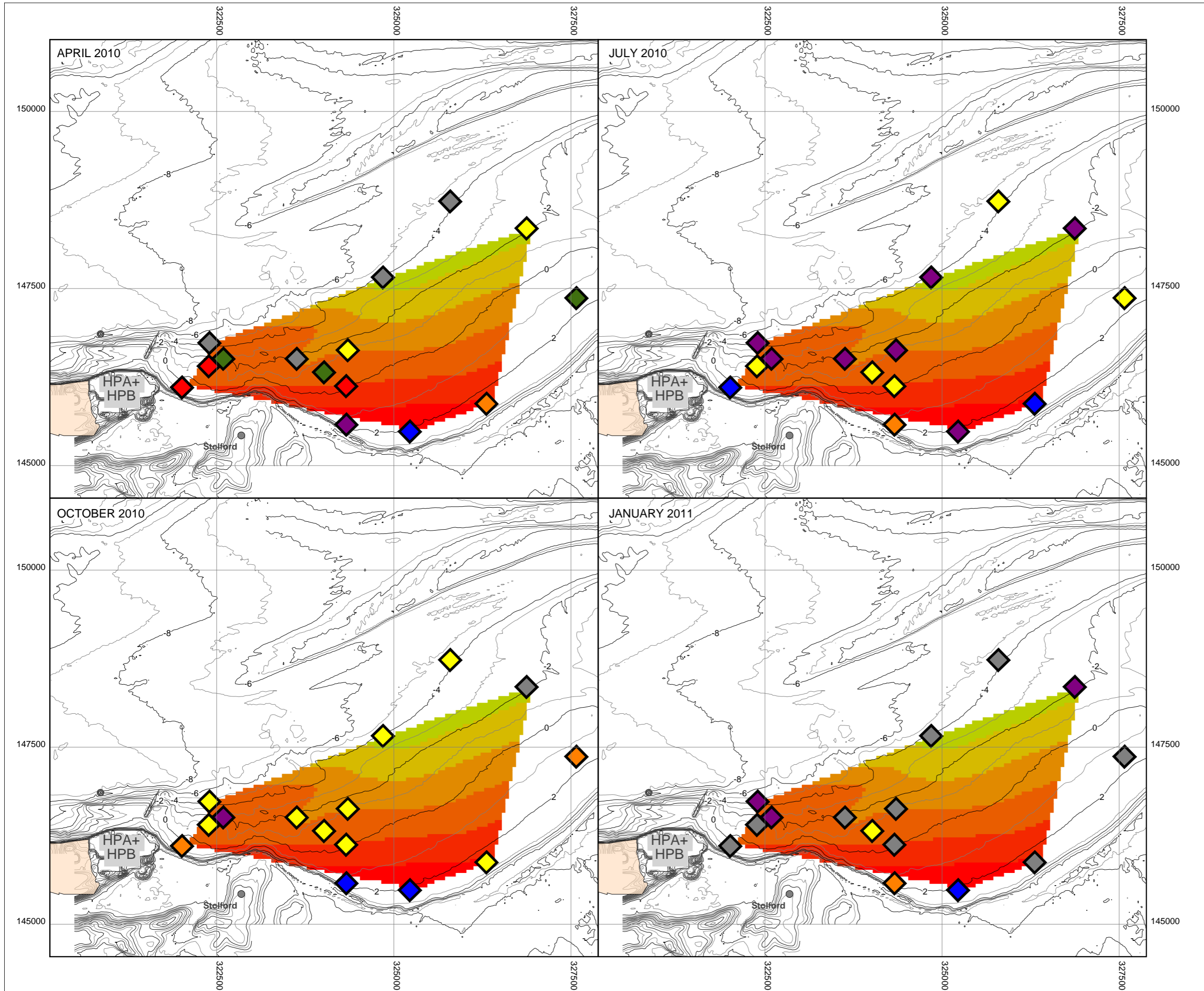
FIGURE TITLE:

LOCATION OF FRR DISCHARGE MAPPED AGAINST SEDIMENT TYPE AND DEPTH

FIGURE NO: **FIGURE 19.37** REVISION: **01**

DATE: **SEPT 2011** DRAWN: **B.B.** SCALE: **1:3000 @ A3**





KEY

- PROPOSED HINKLEY POINT C POWER STATION
- HINKLEY POINT A AND B POWER STATIONS

EXCESS TEMPERATURE [C°]

0.0 1.0

CONTOUR LINES [M TO ODN]

- EVEN CONTOUR LINE
- UNEVEN CONTOUR LINE

MACOMA GROUPS

- A
- B
- C
- D
- E
- F
- G



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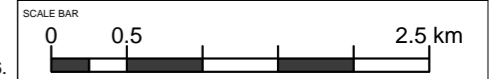
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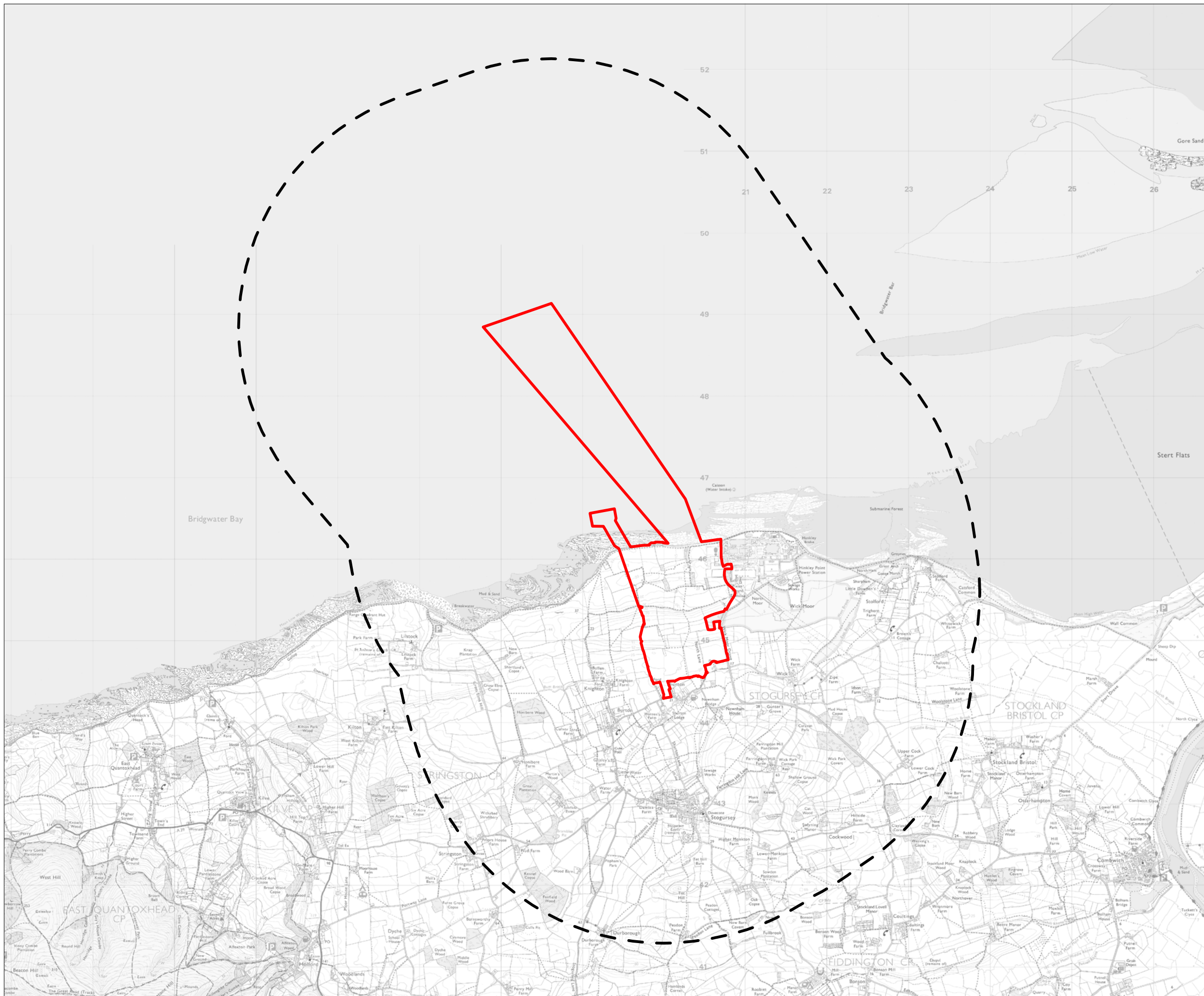
HINKLEY POINT C PROJECT ENVIRONMENTAL STATEMENT VOLUME 2 CHAPTER 19

FIGURE TITLE:

MACOMA CLUSTER ANALYSIS RESULTS ON HPB EXCESS TEMPERATURE FROM OBSERVATIONS

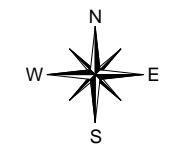
FIGURE NO:	REVISION:	
FIGURE 19.38	01	
DATE:	DRAWN:	SCALE:
SEPT 2011	B.B.	1:50000 @ A3





KEY

- HINKLEY POINT C DEVELOPMENT SITE BOUNDARY
- 3KM STUDY AREA



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DOCUMENT:

HINKLEY POINT C PROJECT ENVIRONMENTAL STATEMENT VOLUME 2 CHAPTER 20

FIGURE TITLE:

3KM STUDY AREA

FIGURE NO:
FIGURE 20.1

REVISION:
01

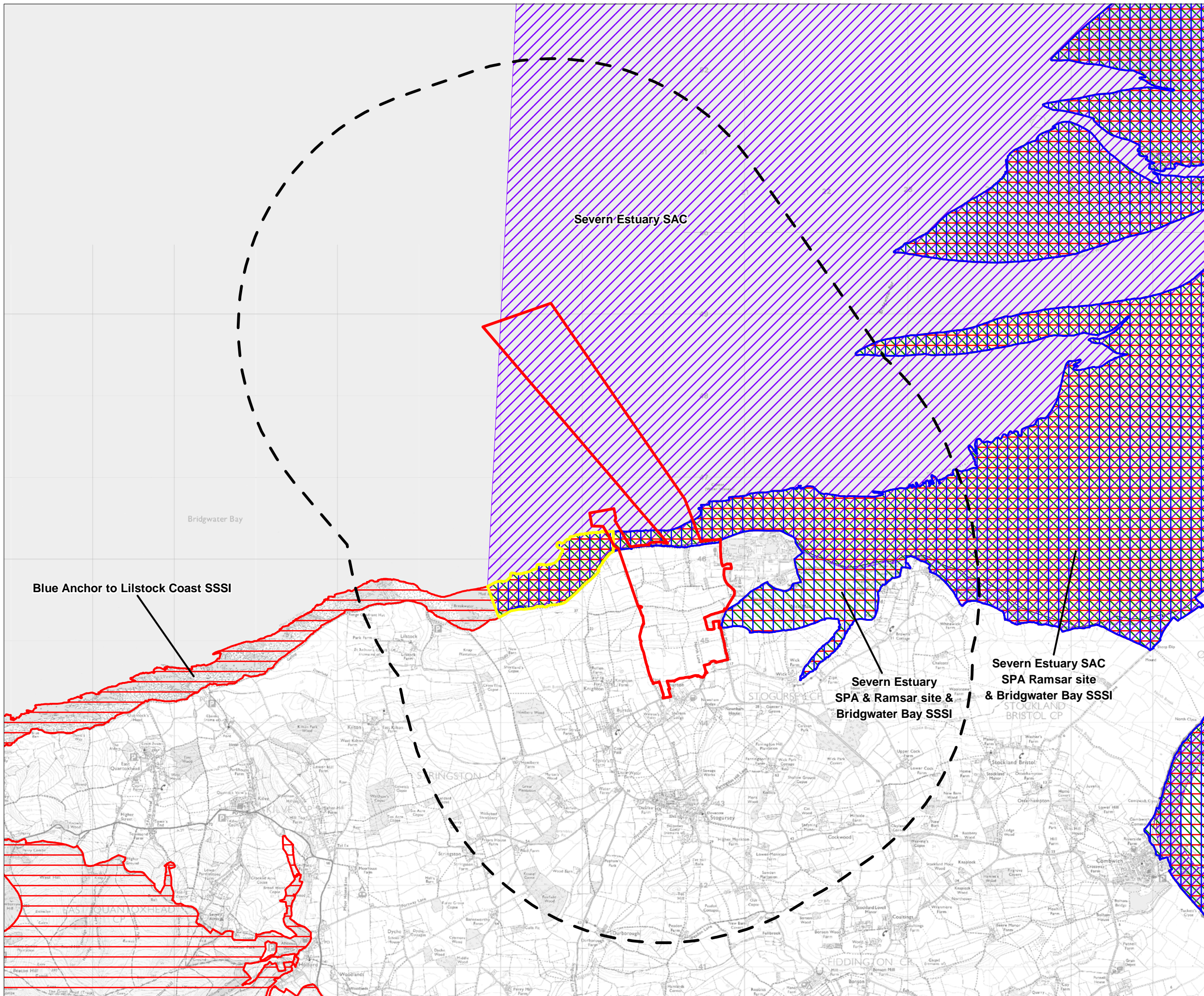
DATE:
SEPT 2011

DRAWN:
C.T

SCALE:
1:45,000@A3

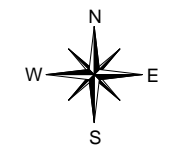
SCALE BAR:





KEY

- HINKLEY POINT C DEVELOPMENT SITE BOUNDARY
- 3KM DESK STUDY AREA
- SPA
- RAMSAR SITE
- SSSI
- SAC
- BLUE ANCHOR TO LILSTOCK COAST AND BRIDGWATER BAY SSSI OVERLAP
- NNR (BRIDGWATER BAY)



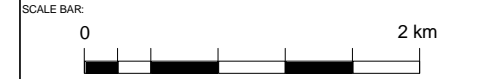
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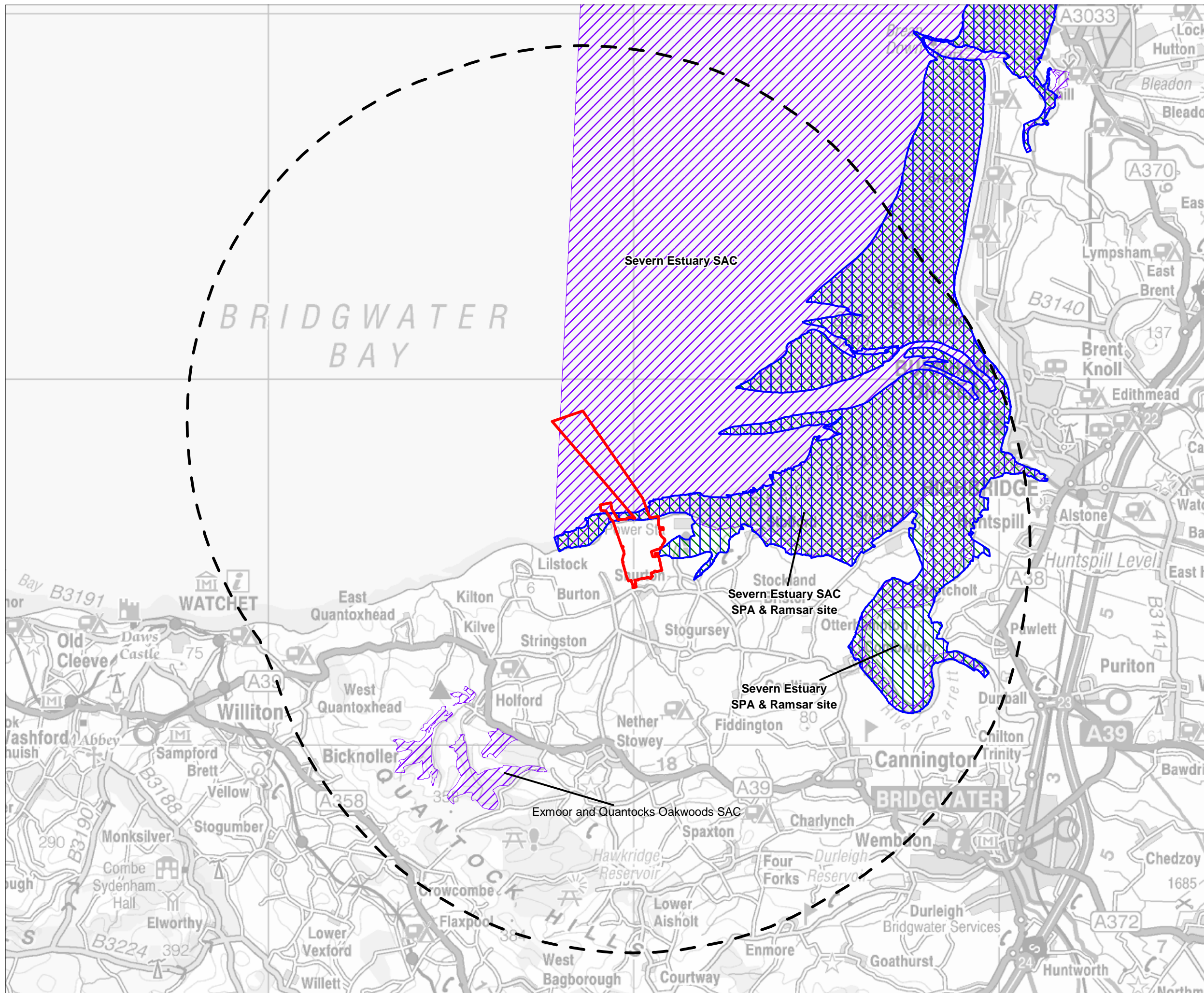


DOCUMENT:
HINKLEY POINT C PROJECT ENVIRONMENTAL STATEMENT VOLUME 2 CHAPTER 20

FIGURE TITLE:
STATUTORY DESIGNATED NATURE CONSERVATION SITES

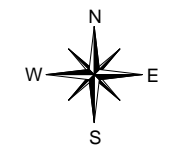
FIGURE NO: FIGURE 20.2	REVISION: 01
DATE: SEPT 2011	DRAWN: C.T
	SCALE: 1:45,000@A3





KEY

- HINKLEY POINT C DEVELOPMENT SITE BOUNDARY
- 10KM DESK STUDY AREA
- SPA
- RAMSAR SITE
- SAC



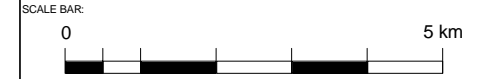
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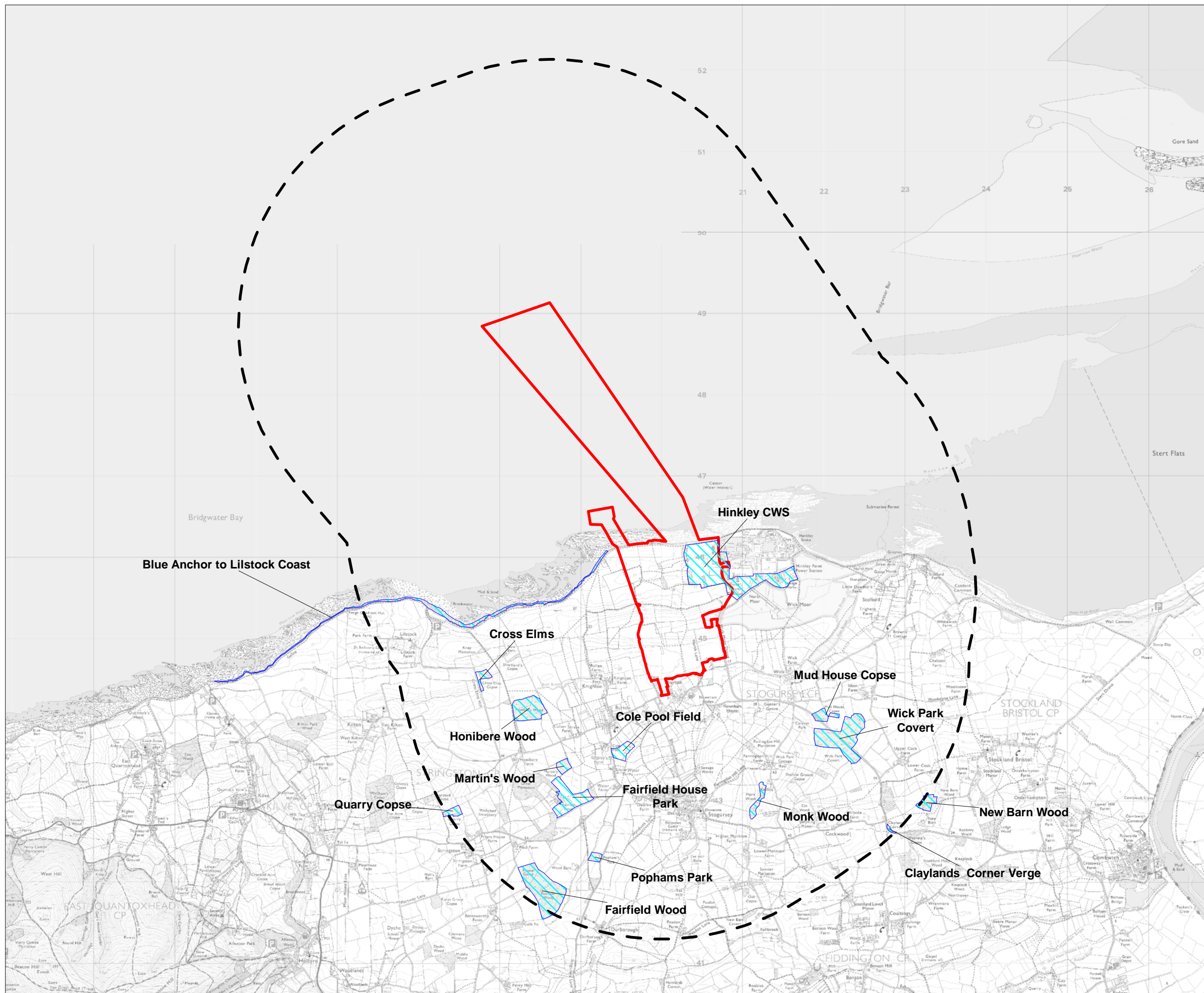


DOCUMENT:
HINKLEY POINT C PROJECT ENVIRONMENTAL STATEMENT VOLUME 2 CHAPTER 20

FIGURE TITLE:
EUROPEAN DESIGNATED NATURE CONSERVATION SITES

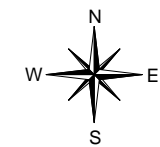
FIGURE NO: FIGURE 20.3	REVISION: 01
DATE: SEPT 2011	DRAWN: C.T
SCALE: 1:100,000@A3	





KEY

- HINKLEY POINT C DEVELOPMENT SITE BOUNDARY
- 3KM DESK STUDY AREA
- CWS



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DOCUMENT:
HINKLEY POINT C PROJECT ENVIRONMENTAL STATEMENT VOLUME 2 CHAPTER 20

FIGURE TITLE:
NON-STATUTORY DESIGNATED NATURE CONSERVATION SITES

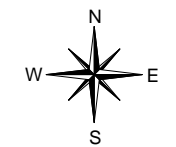
FIGURE NO: **FIGURE 20.4** REVISION: **01**

DATE: **SEPT 2011** DRAWN: **C.T** SCALE: **1:45,000@A3**





- KEY**
- HINKLEY POINT C DEVELOPMENT SITE BOUNDARY
 - TALL RUDERAL
 - ARABLE
 - BROAD-LEAVED PLANTATION WOODLAND
 - BROAD-LEAVED SCATTERED TREES
 - SEMI-NATURAL BROAD-LEAVED WOODLAND
 - CAR PARK
 - DENSE CONTINUOUS SCRUB
 - FENCE
 - IMPROVED GRASSLAND
 - NATIVE SPECIES-RICH HEDGE
 - POOR SEMI-IMPROVED GRASSLAND
 - RUNNING WATER
 - DRY DITCH
 - SPECIES-POOR INTACT HEDGEROW
 - BOUNDARY REMOVED
 - STANDING WATER
 - CALCAREOUS GRASSLAND



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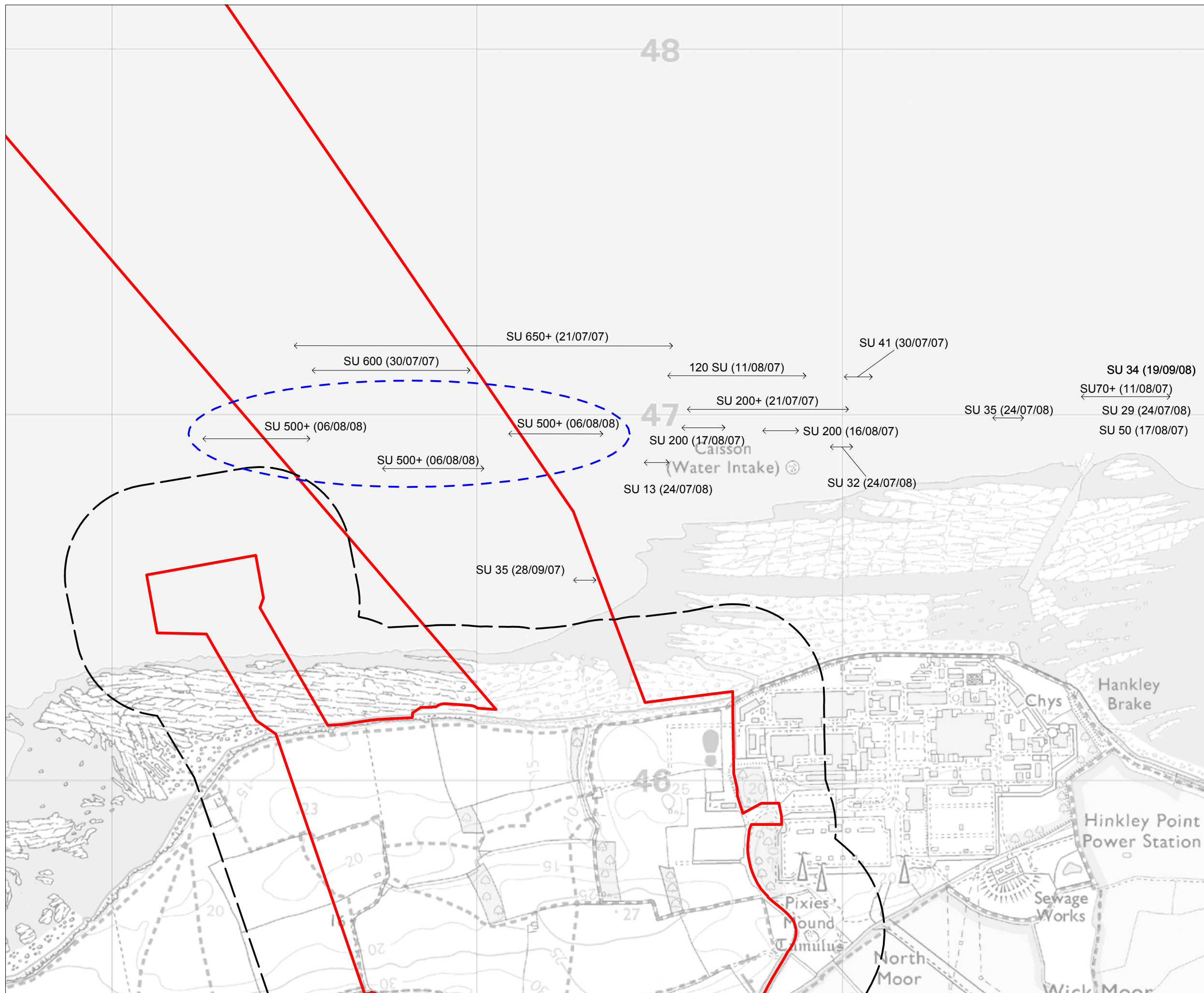
DOCUMENT:
HINKLEY POINT C PROJECT ENVIRONMENTAL STATEMENT VOLUME 2 CHAPTER 20

FIGURE TITLE:
RESULTS OF EXTENDED PHASE 1 HABITAT SURVEY

FIGURE NO: **FIGURE 20.5** REVISION: **01**

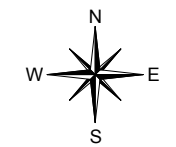
DATE: **SEPT 2011** DRAWN: **C.T** SCALE: **1:10,000@A3**





KEY

- HINKLEY POINT C DEVELOPMENT SITE BOUNDARY
- 250M DISTURBANCE AREA (EXCLUDING UNDERGROUND WORKS)
- ← SU → LOCATIONS OF RAFTING SHELDUCK SHOWING THE MAIN CONCENTRATIONS OF BIRDS. FLOCKS WERE OFTEN DIFFUSE AND CHANGED OVER TIME



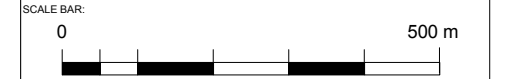
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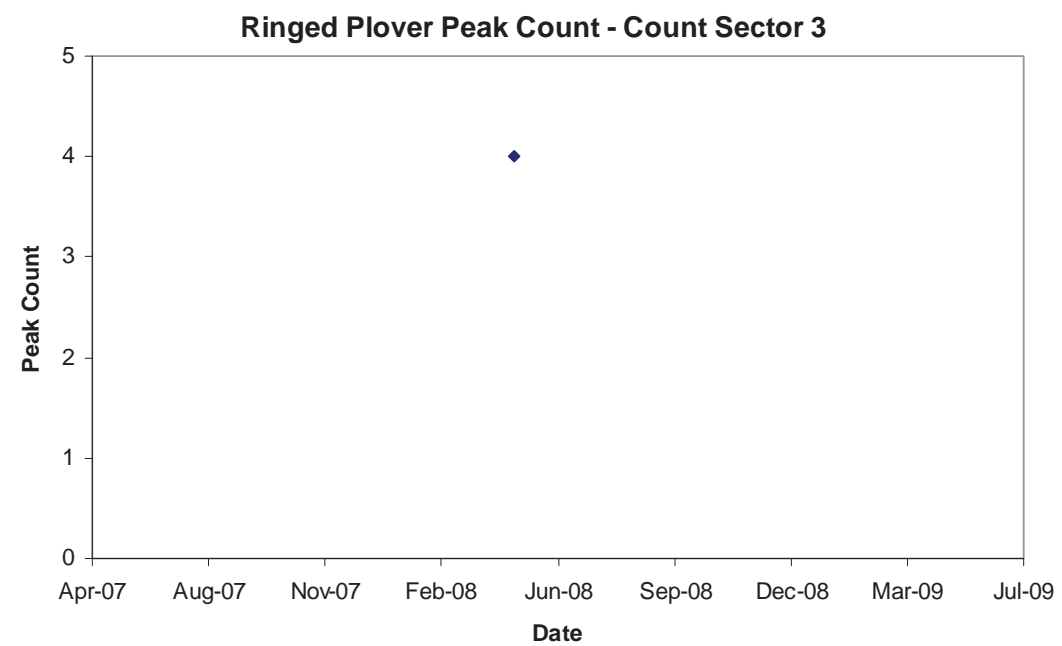
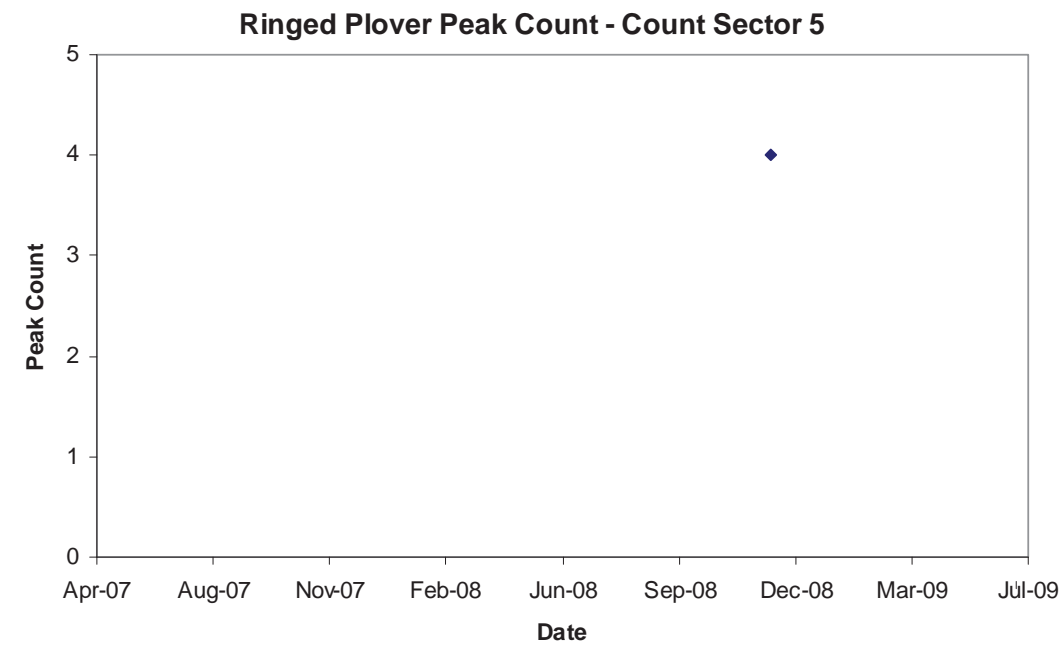
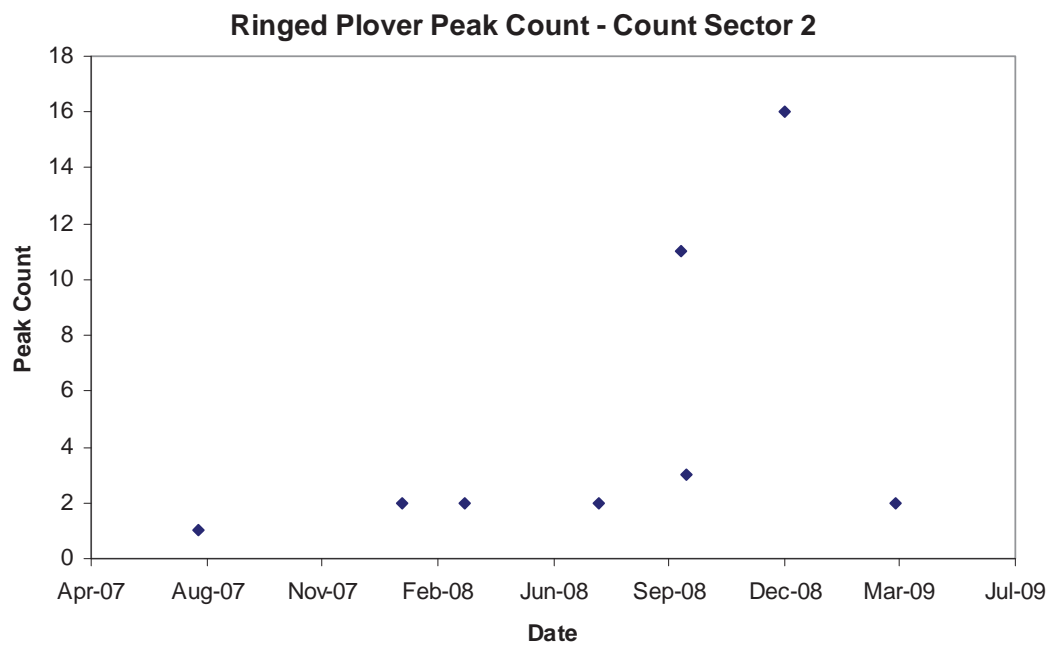
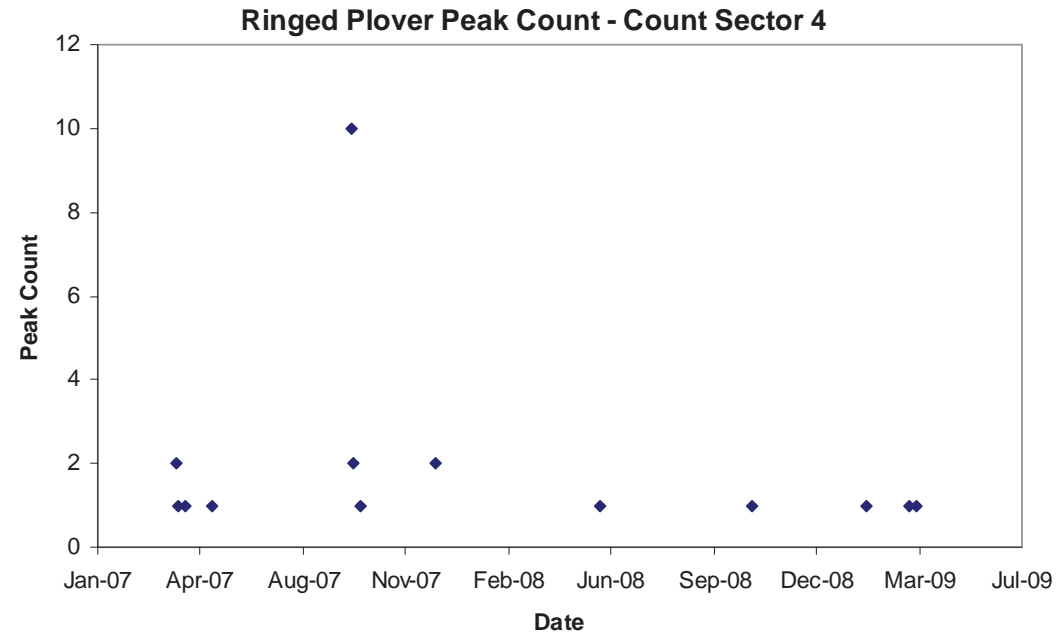
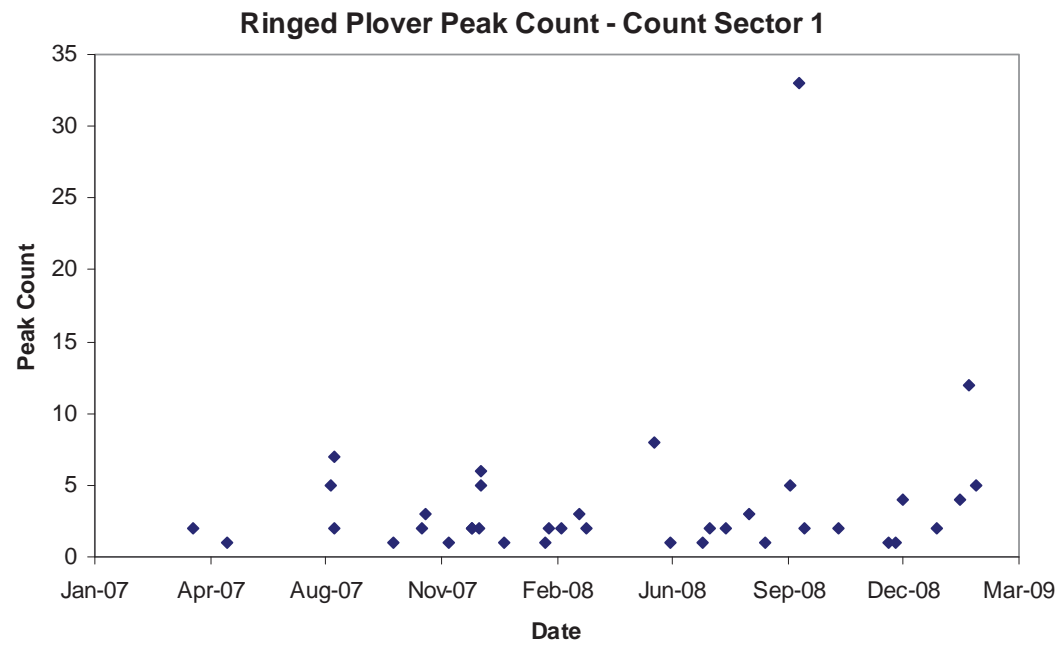


DOCUMENT:
HINKLEY POINT C PROJECT ENVIRONMENTAL STATEMENT VOLUME 2 CHAPTER 20

FIGURE TITLE:
SHELDUCK RECORDED DURING INTERTIDAL SURVEYS DURING THE MOULTING PERIOD

FIGURE NO: FIGURE 20.6	REVISION: 01
DATE: SEPT 2011	DRAWN: C.T
SCALE: 1:10,000@A3	





Severn Estuary Population 655 (1% = 6.6 birds)



DOCUMENT:
HINKLEY POINT C PROJECT
ENVIRONMENTAL STATEMENT
VOLUME 2 CHAPTER 20

FIGURE TITLE:
RINGED PLOVER PEAK COUNT DATA

FIGURE NO:
FIGURE 20.7

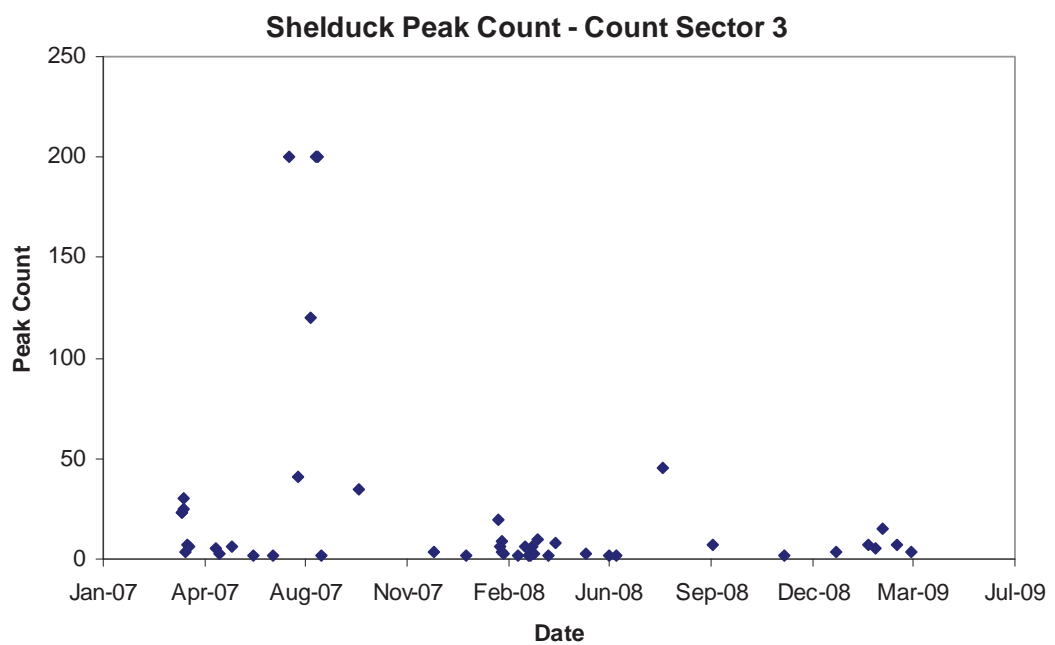
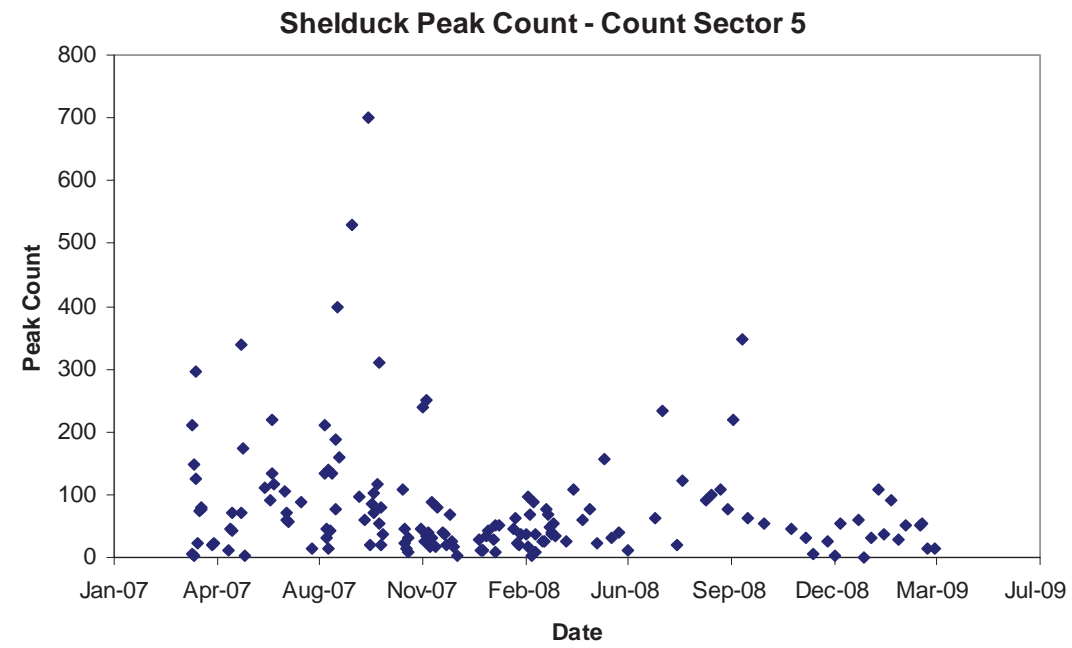
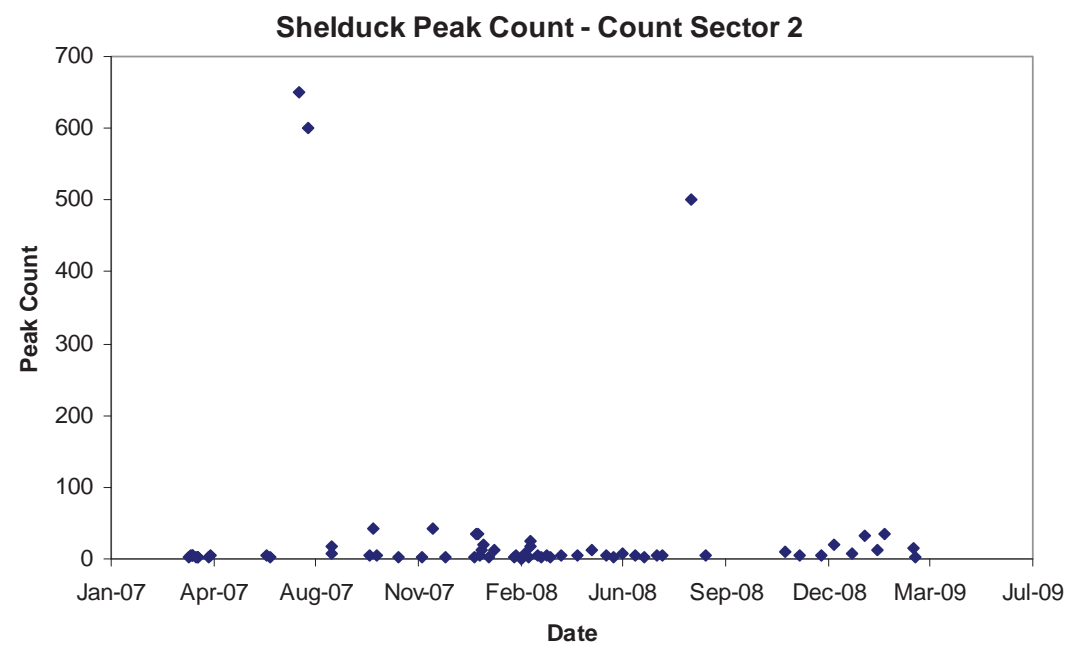
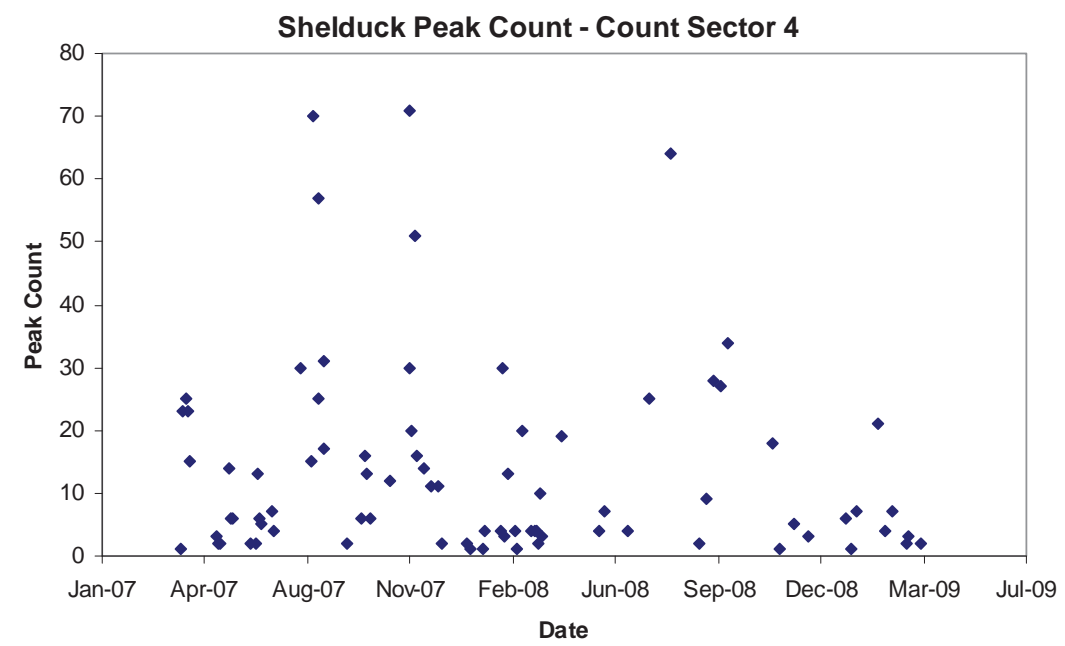
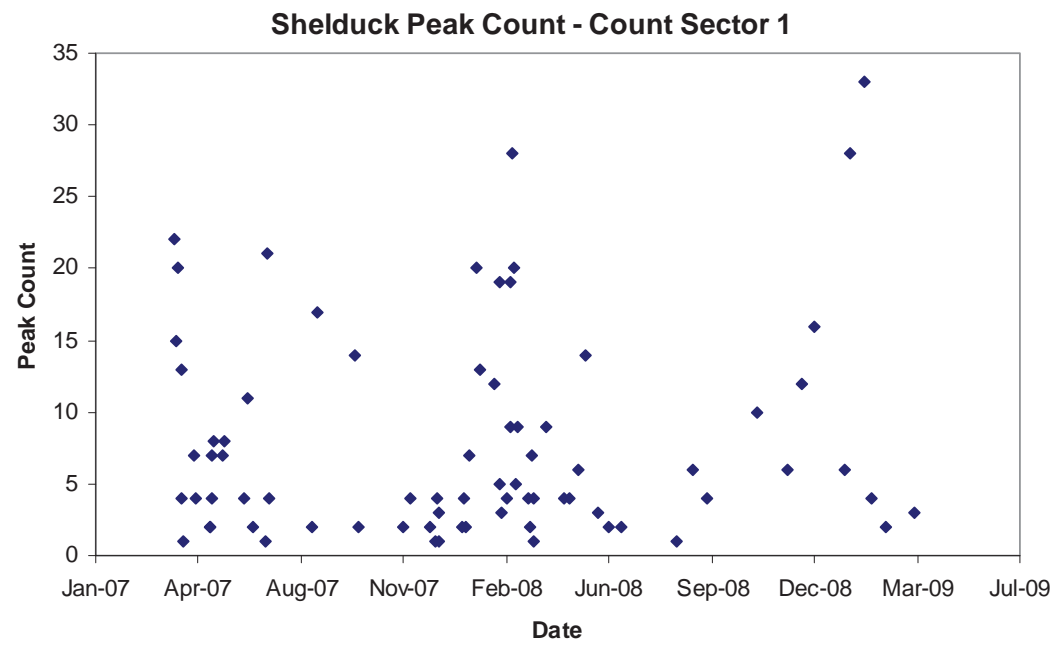
REVISION:
01

DATE:
SEPT 11

DRAWN:
J.P.

SCALE:

SCALE BAR



Severn Estuary Population 3,330 (1% = 33.3 birds)



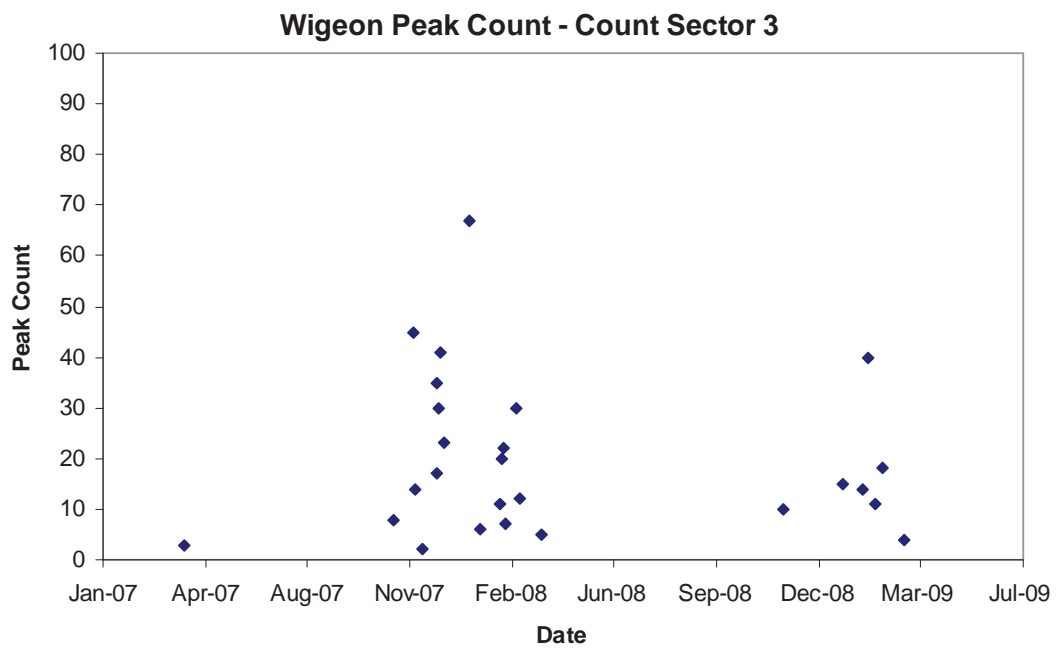
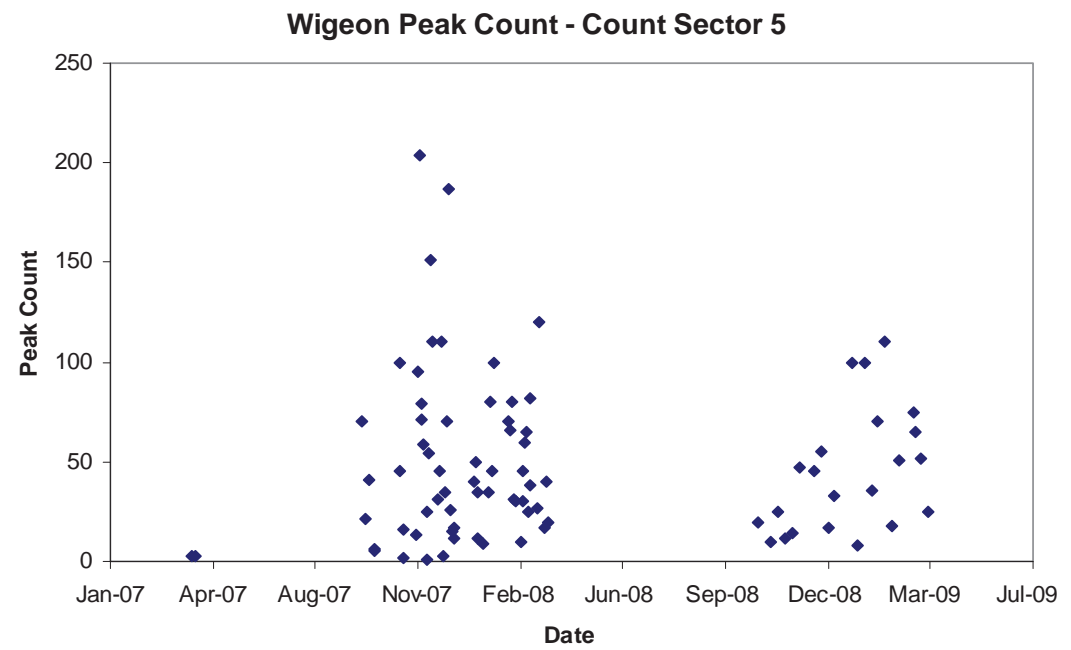
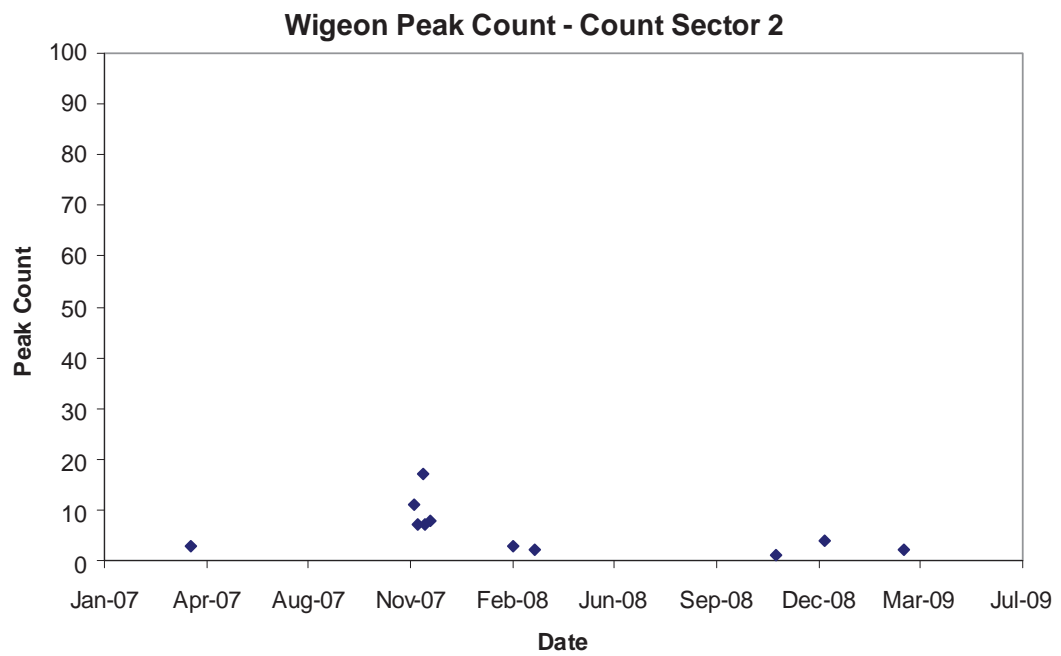
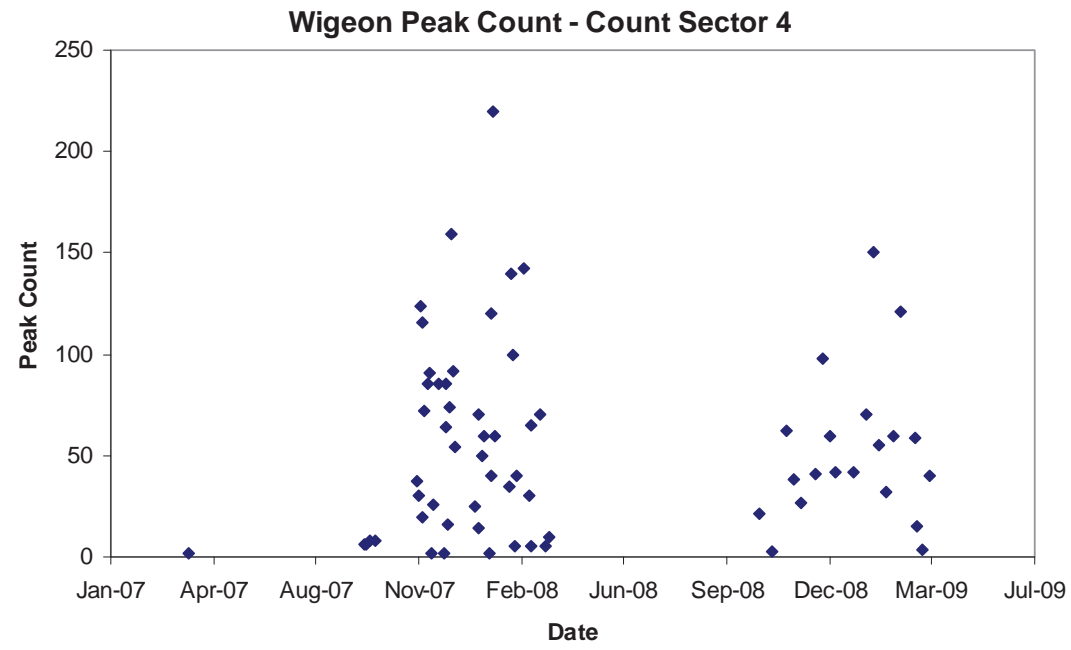
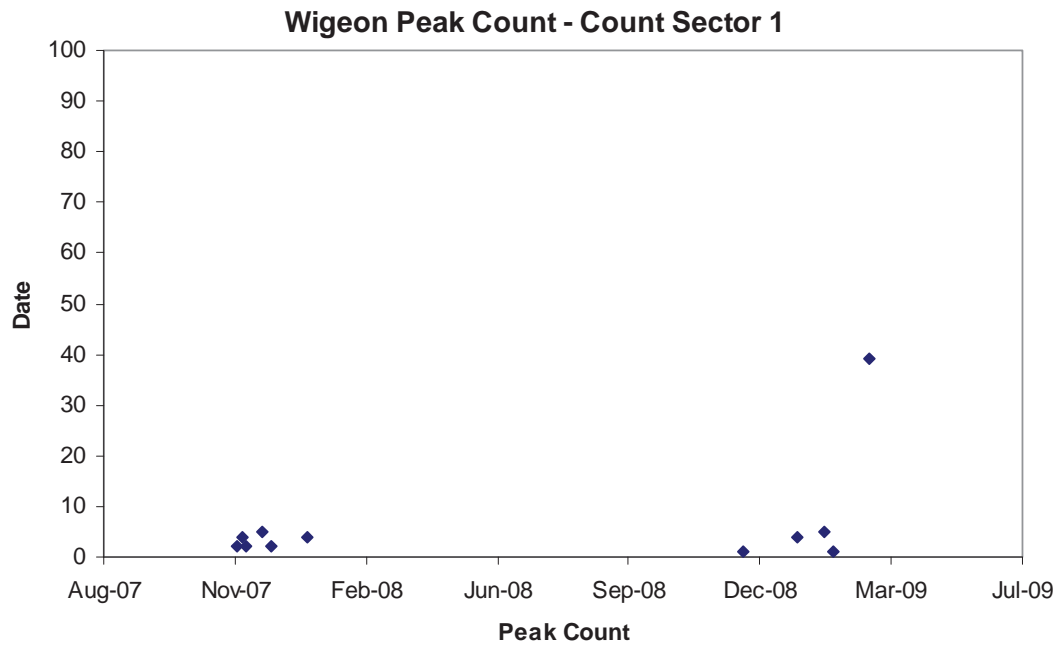
DOCUMENT:
HINKLEY POINT C PROJECT
ENVIRONMENTAL STATEMENT
VOLUME 2 CHAPTER 20

FIGURE TITLE:
SHELDUCK PEAK COUNT DATA

FIGURE NO: FIGURE 20.8 REVISION: 01

DATE: SEPT 11 DRAWN: J.P. SCALE:

SCALE BAR



Severn Estuary Population 8,466 (1% = 84.7 birds)



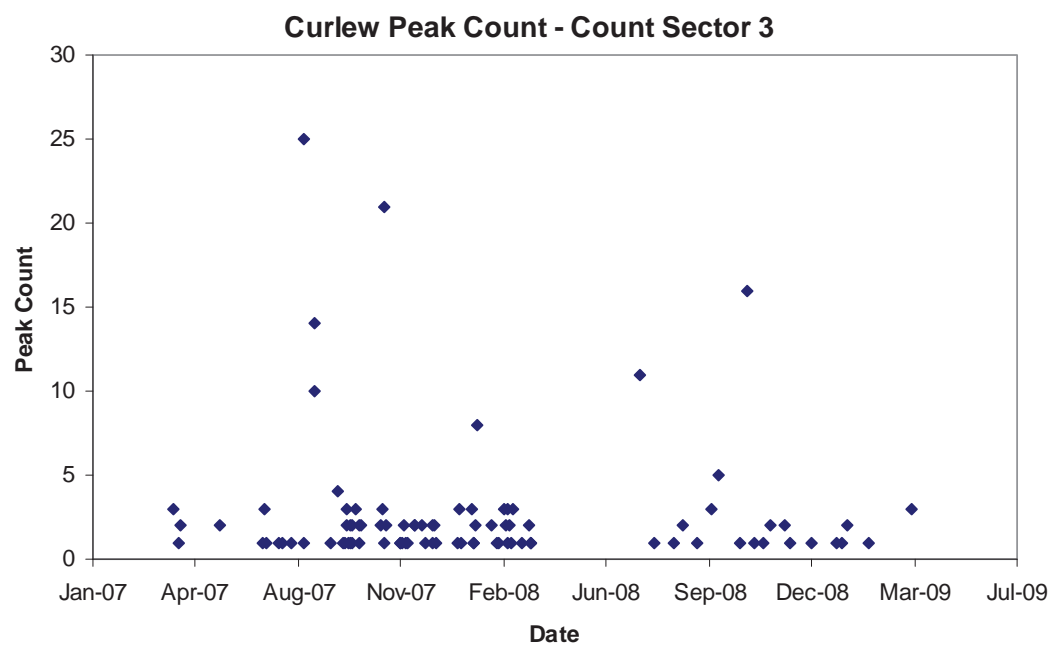
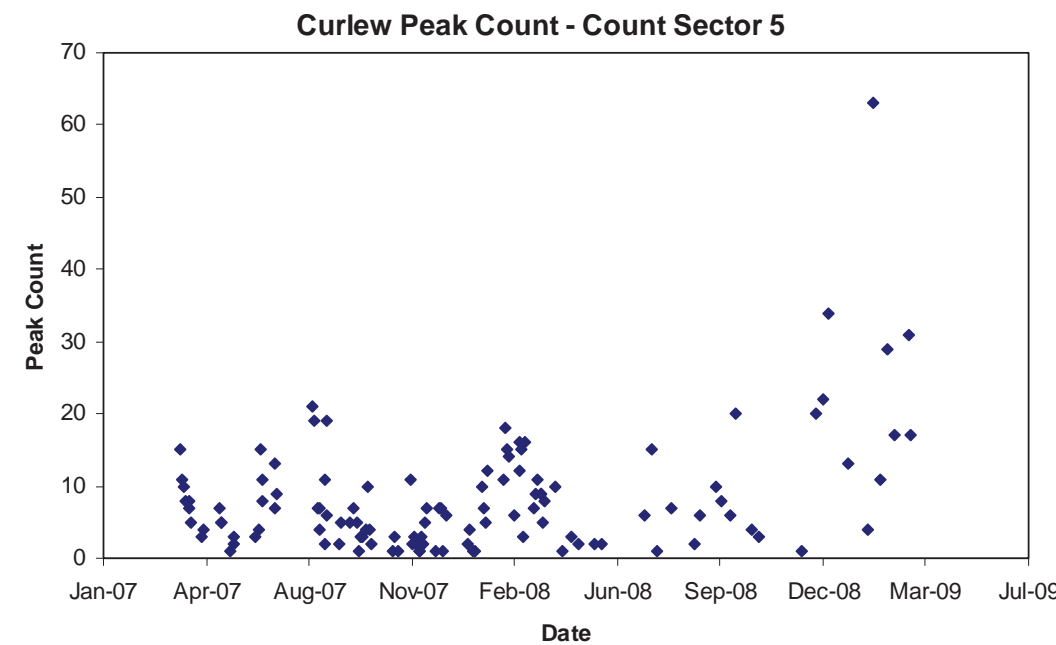
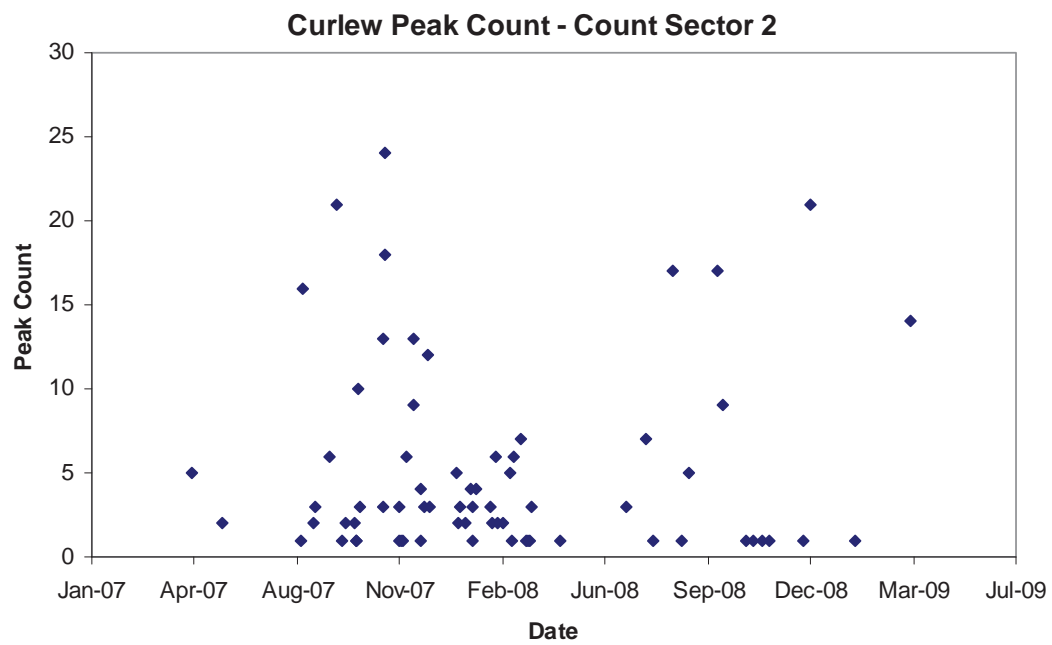
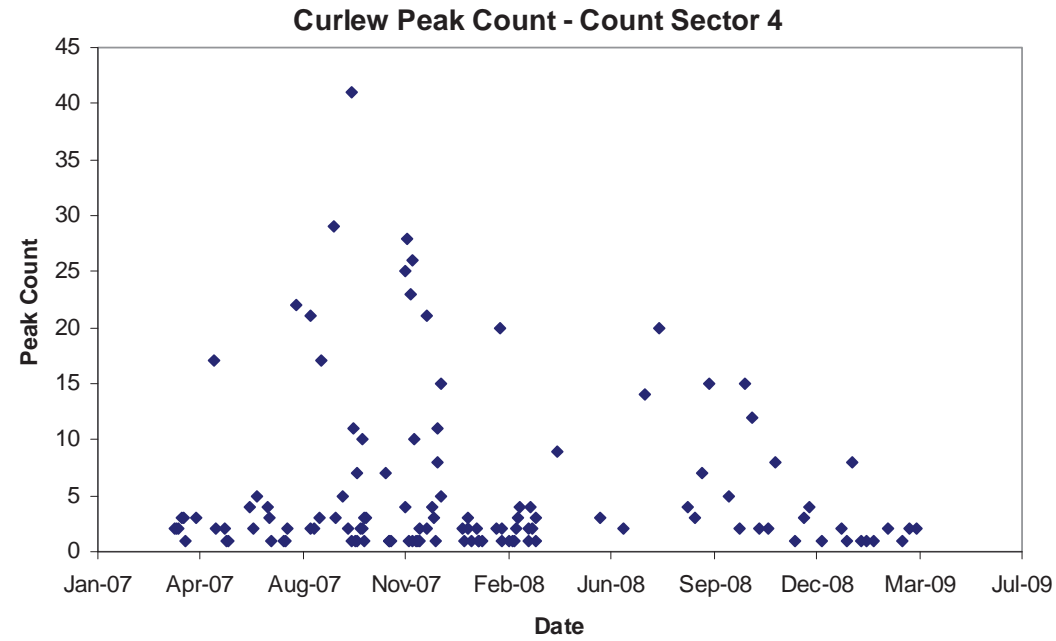
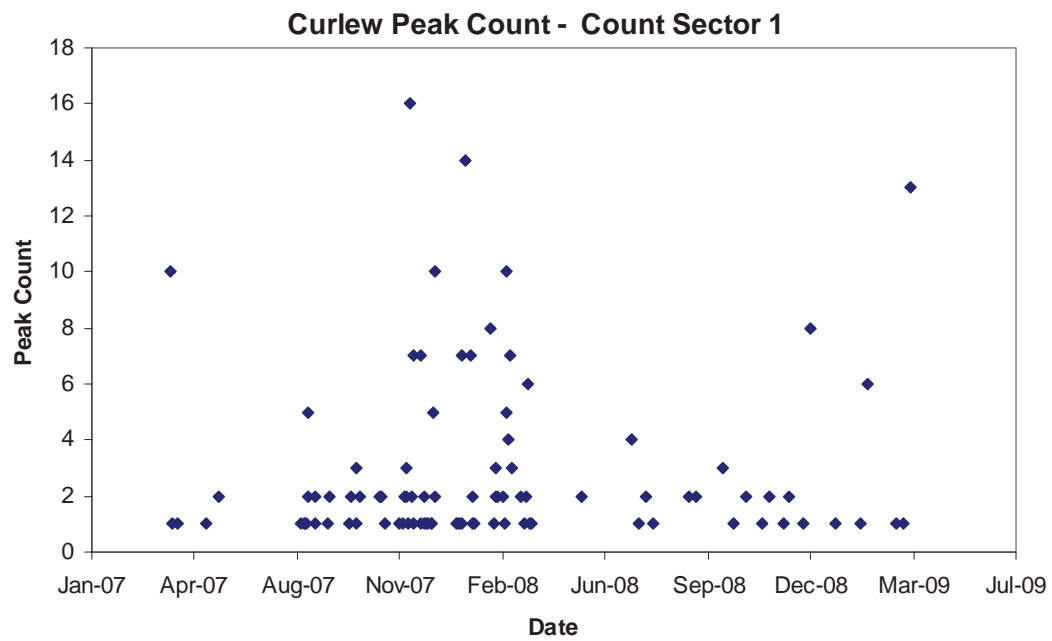
DOCUMENT:
HINKLEY POINT C PROJECT
ENVIRONMENTAL STATEMENT
VOLUME 2 CHAPTER 20

FIGURE TITLE:
WIGEON PEAK COUNT DATA

FIGURE NO: **FIGURE 20.9** REVISION: **01**

DATE: **SEPT 11** DRAWN: **J.P.** SCALE:

SCALE BAR



Severn Estuary Population 3,903 (1% = 39 birds)



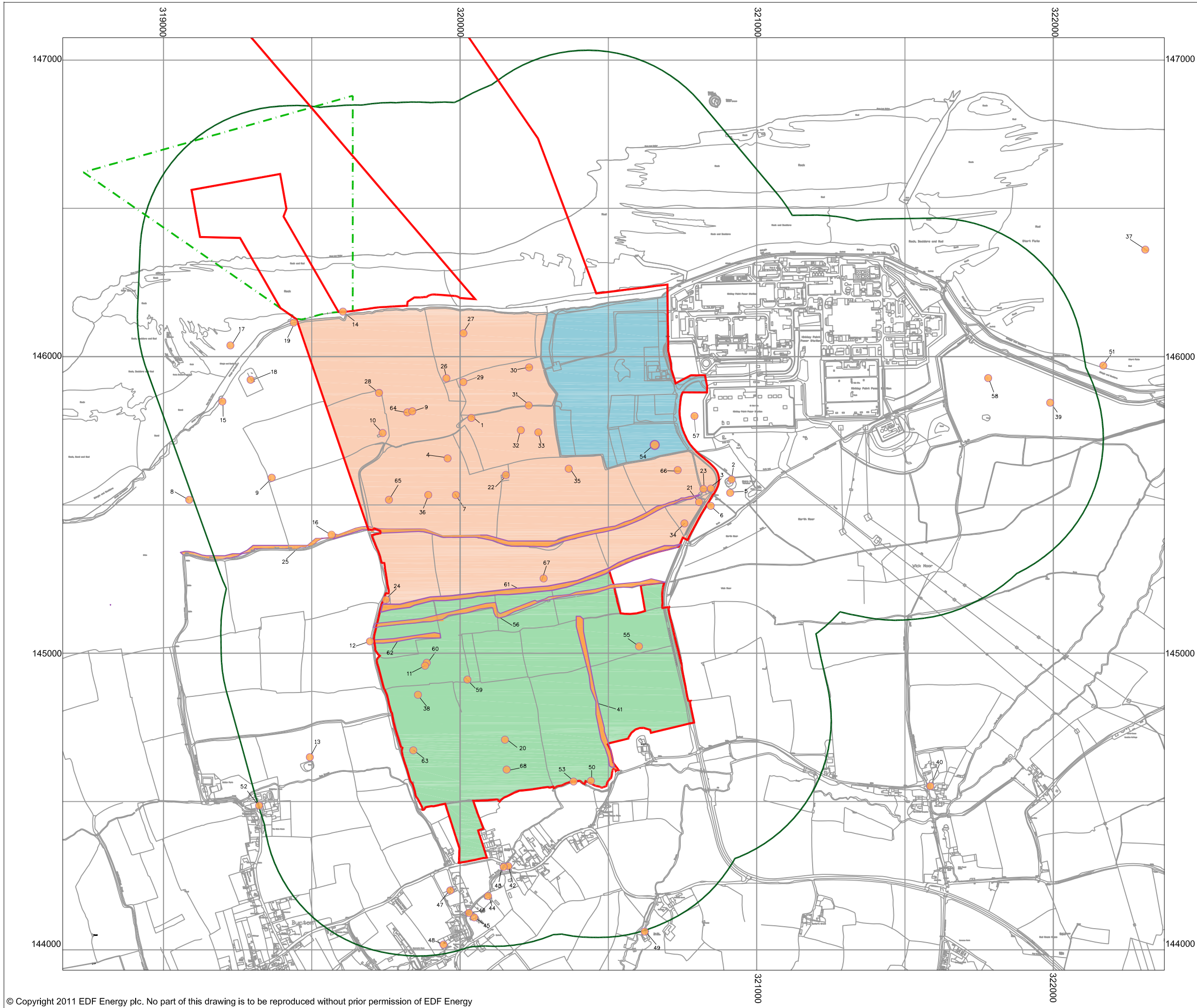
DOCUMENT:
HINKLEY POINT C PROJECT
ENVIRONMENTAL STATEMENT
VOLUME 2 CHAPTER 20

FIGURE TITLE:
CURLEW PEAK COUNT DATA

FIGURE NO: FIGURE 20.10 REVISION: 01

DATE: SEPT 11 DRAWN: J.P SCALE:

SCALE BAR



KEY

- HINKLEY POINT C DEVELOPMENT SITE BOUNDARY
- TEMPORARY JETTY SEAWARD HARBOUR LIMITS
- 500M STUDY AREA
- BUILT DEVELOPMENT AREA WEST
- BUILT DEVELOPMENT AREA EAST
- SOUTHERN CONSTRUCTION PHASE AREA
- ARCHAEOLOGICAL SITE
- ARCHAEOLOGICAL SITE



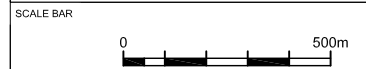
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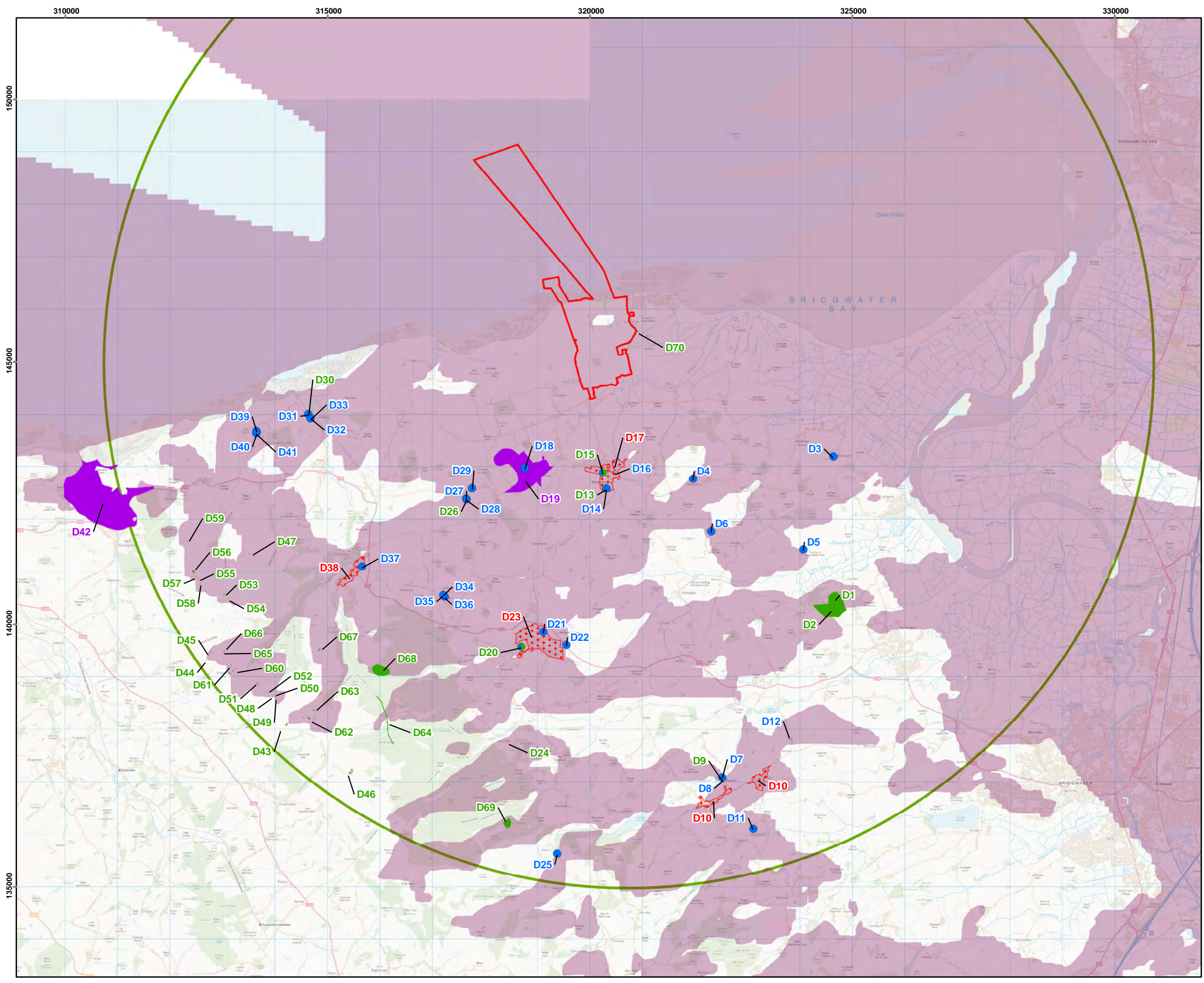


DOCUMENT:
**HINKLEY POINT C PROJECT
 ENVIRONMENTAL STATEMENT
 VOLUME 2 CHAPTER 23**

FIGURE TITLE:
**HISTORIC ENVIRONMENT SITE
 LOCATION PLAN**

FIGURE NO: FIGURE 23.1	REVISION: 01
DATE: SEPT 2011	SCALE: S.E 1:12,000@A3





- KEY**
-  HINKLEY POINT C DEVELOPMENT SITE BOUNDARY
 -  10 KM STUDY AREA
 -  LISTED BUILDING
 -  REGISTERED PARK/GARDEN
 -  SCHEDULED MONUMENT
 -  ZONE OF THEORETICAL VISIBILITY (ZTV)
 -  CONSERVATION AREA
 -  LISTED BUILDING
 -  SCHEDULED MONUMENT /LB



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DOCUMENT:
HINKLEY POINT C PROJECT ENVIRONMENT STATEMENT VOLUME 2 CHAPTER 23

FIGURE TITLE:
 DESIGNATED HERITAGE ASSETS (NOT GRADE II LISTED BUILDINGS) WITHIN THE ZTV, WITHIN A 10 KM RADIUS OF THE PROPOSED HPC SITE

FIGURE NO: FIGURE 23.2	REVISION: 01
DATE: SEPT 2011	SCALE: 1:70,000@A3

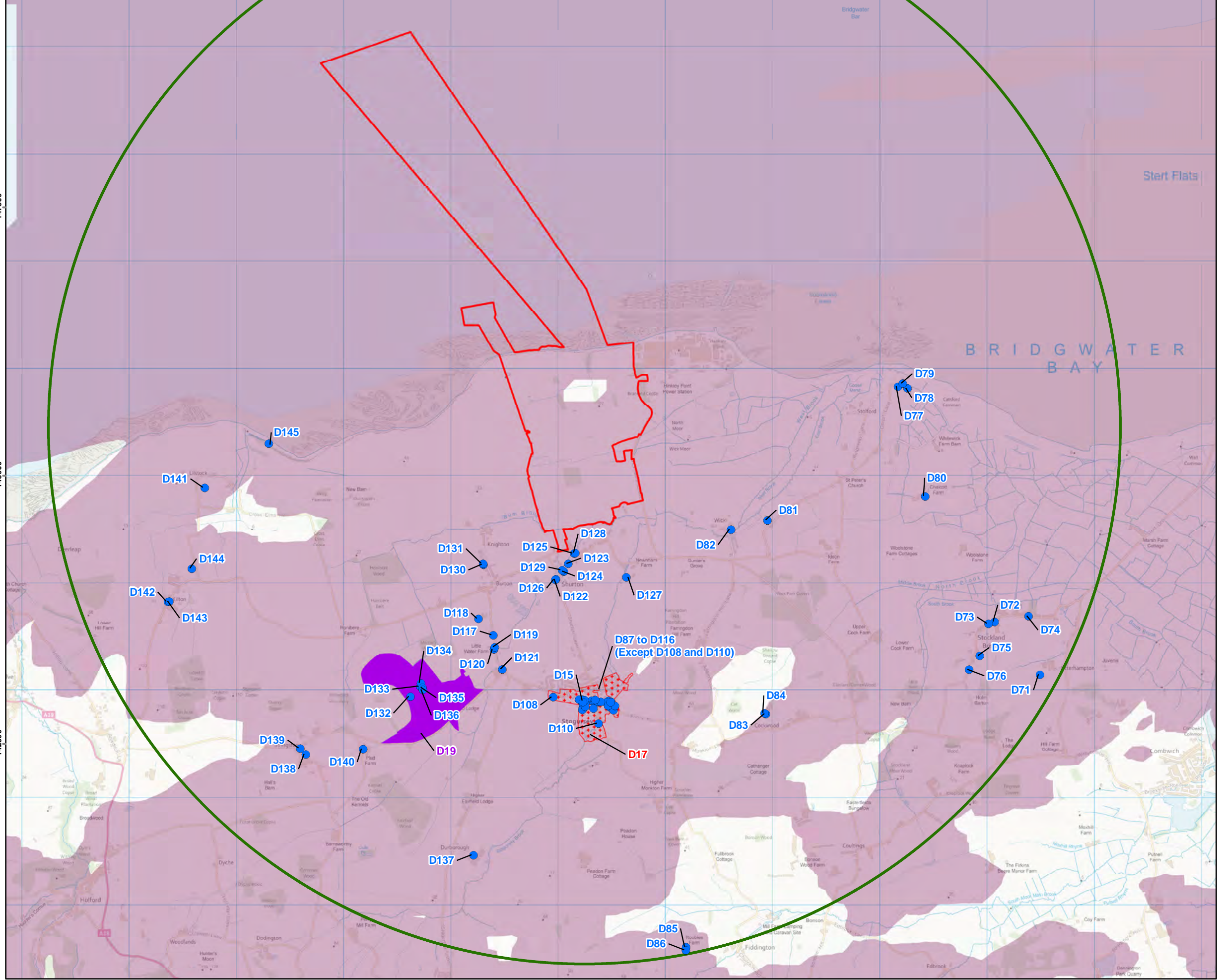


315000 317500 320000 322500 325000

147500

145000

142500



- KEY**
- HINKLEY POINT C DEVELOPMENT SITE BOUNDARY
 - 5 KM STUDY AREA
 - REGISTERED PARK/GARDEN
 - CONSERVATION AREA
 - ZONE OF THEORETICAL VISIBILITY (ZTV)
 - LISTED BUILDING



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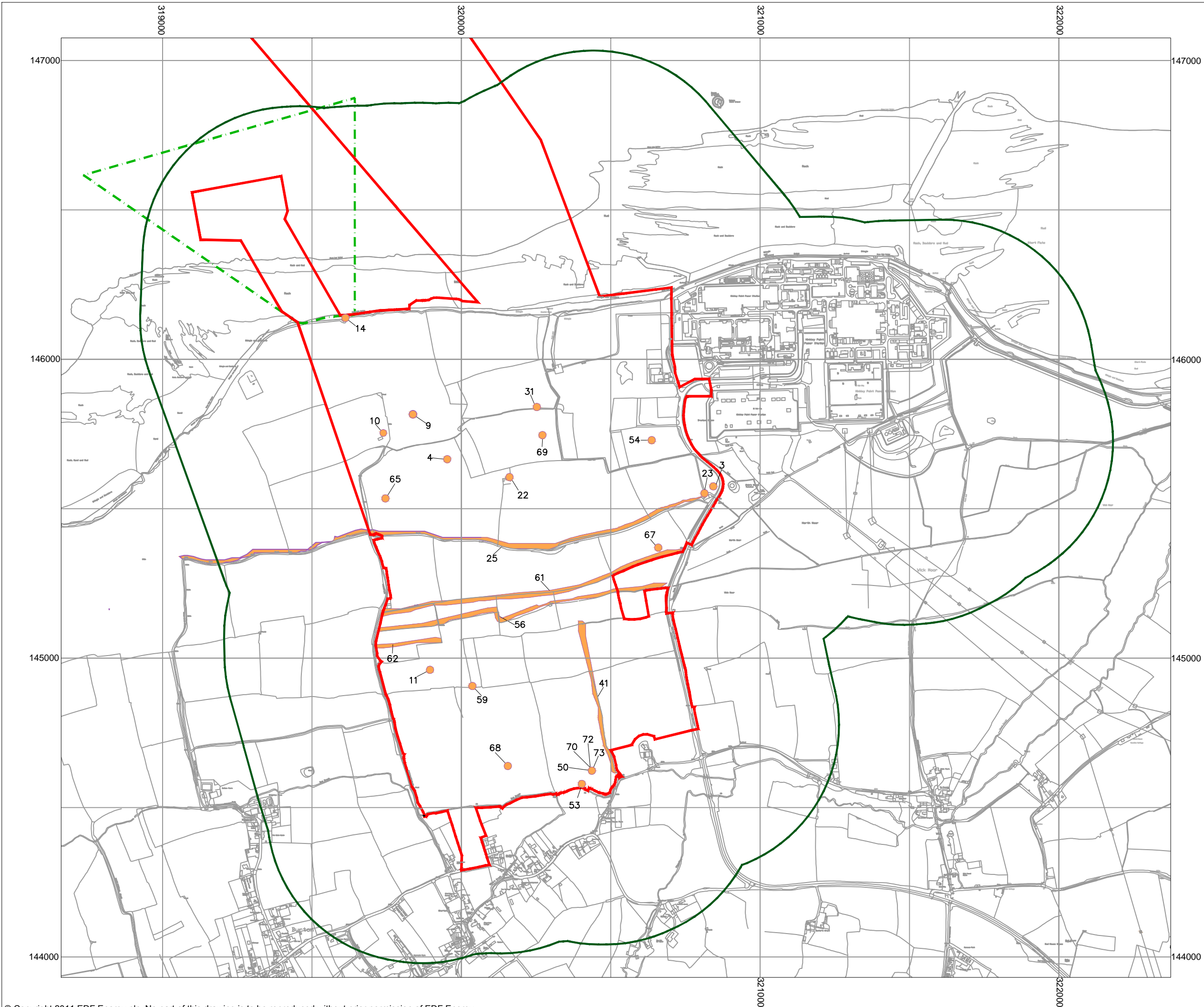


DOCUMENT:
HINKLEY POINT C PROJECT ENVIRONMENT STATEMENT VOLUME 2 CHAPTER 23

FIGURE TITLE:
DESIGNATED HERITAGE ASSETS WITHIN THE ZTV AND 5 KM RADIUS OF THE PROPOSED HPC SITE

FIGURE NO: FIGURE 23.3	REVISION: 01
DATE: SEPT 2011	DRAWN: D. S
SCALE: 1:35,000@A3	





- KEY**
- HINKLEY POINT C DEVELOPMENT SITE BOUNDARY
 - TEMPORARY JETTY SEAWARD HARBOUR LIMITS
 - 500M STUDY AREA
 - ARCHAEOLOGICAL SITE
 - ARCHAEOLOGICAL SITE



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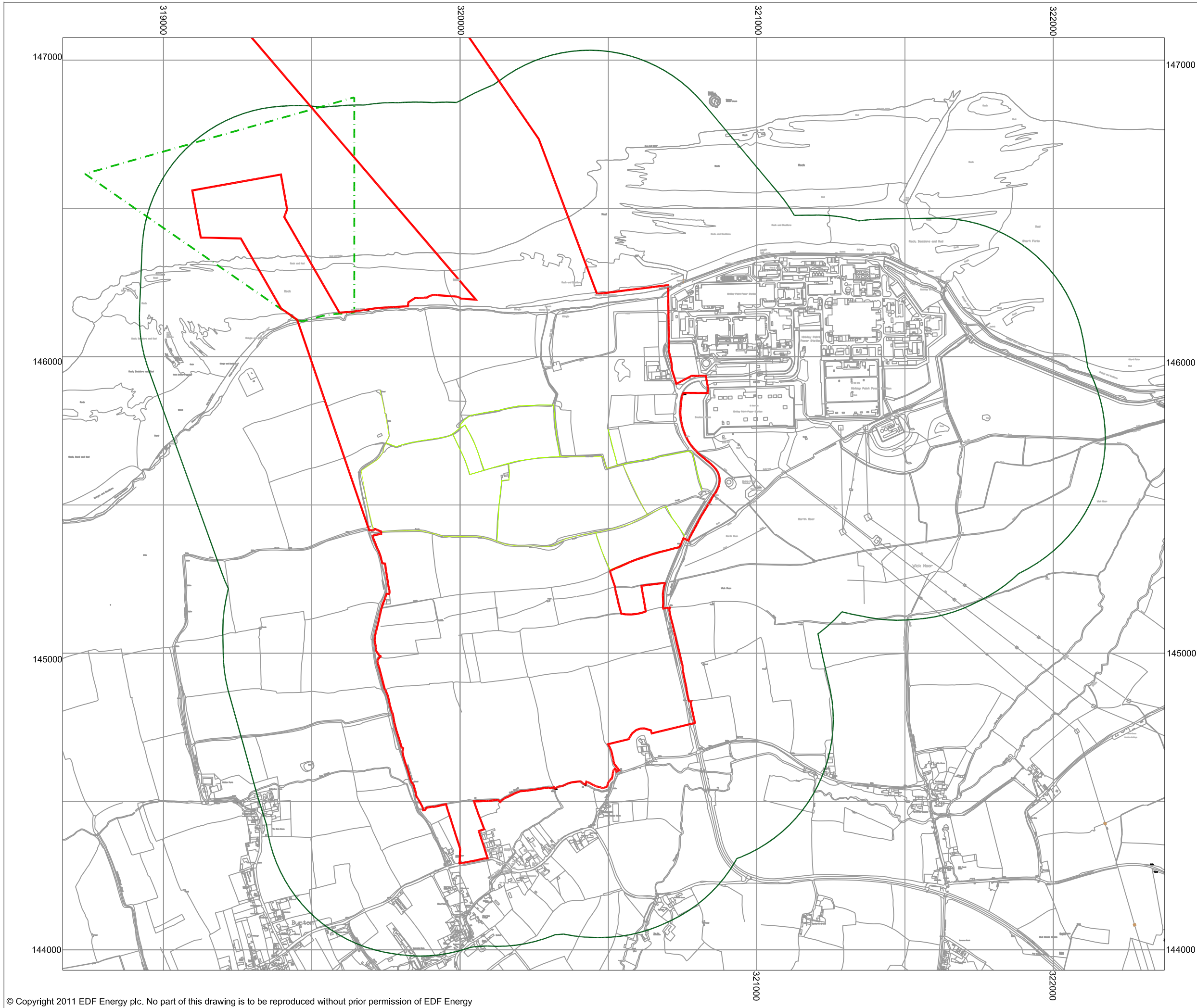


DOCUMENT:
HINKLEY POINT C PROJECT ENVIRONMENTAL STATEMENT VOLUME 2 CHAPTER 23





FIGURE TITLE:
HERITAGE ASSETS WITHIN THE PROPOSED HPC SITE

FIGURE NO: FIGURE 23.4	REVISION: 01
DATE: SEPT 2011	DRAWN: S.E
	SCALE: 1:12,000@A3





KEY

-  HINKLEY POINT C DEVELOPMENT SITE BOUNDARY
-  TEMPORARY JETTY SEAWARD HARBOUR LIMITS
-  500M STUDY AREA
-  IMPORTANT HEDGEROWS



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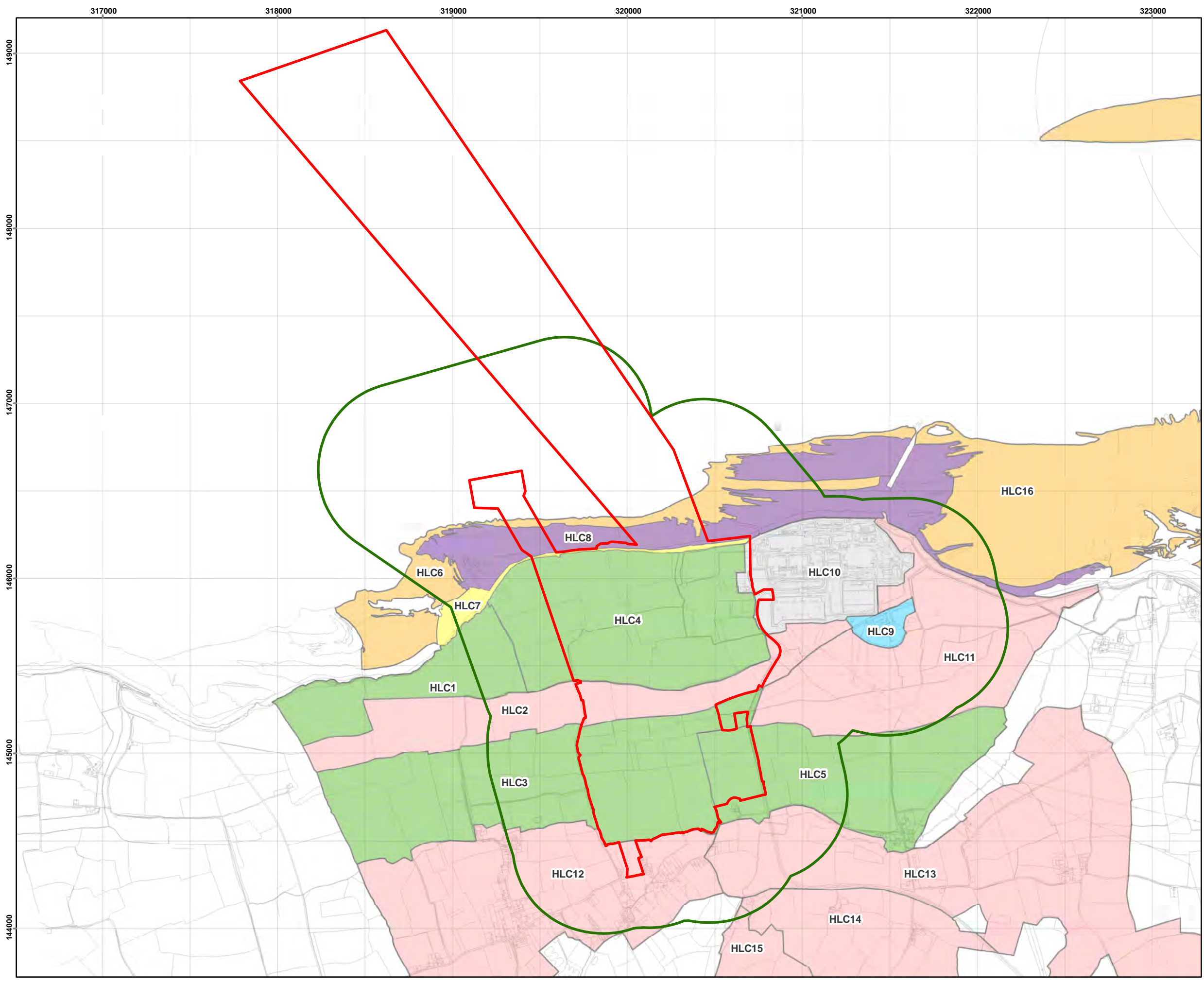


DOCUMENT:
HINKLEY POINT C PROJECT ENVIRONMENTAL STATEMENT VOLUME 2 CHAPTER 23

FIGURE TITLE:
IMPORTANT HEDGEROWS MAP

FIGURE NO: FIGURE 23.5	REVISION: 01
DATE: SEPT 2011	SCALE: 1:12,000@A3
DRAWN: S.E	





- KEY**
- HINKLEY POINT C DEVELOPMENT SITE BOUNDARY
 - 500M STUDY AREA
 - ANCIENTLY ENCLOSED LAND
 - RECENTLY ENCLOSED LAND
 - INDUSTRY
 - MUD FLATS
 - ROCK OUTCROP AND SCREE
 - SAND, SAND AND SHINGLE, DUNES
 - SEWAGE TREATMENT WORKS



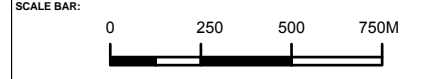
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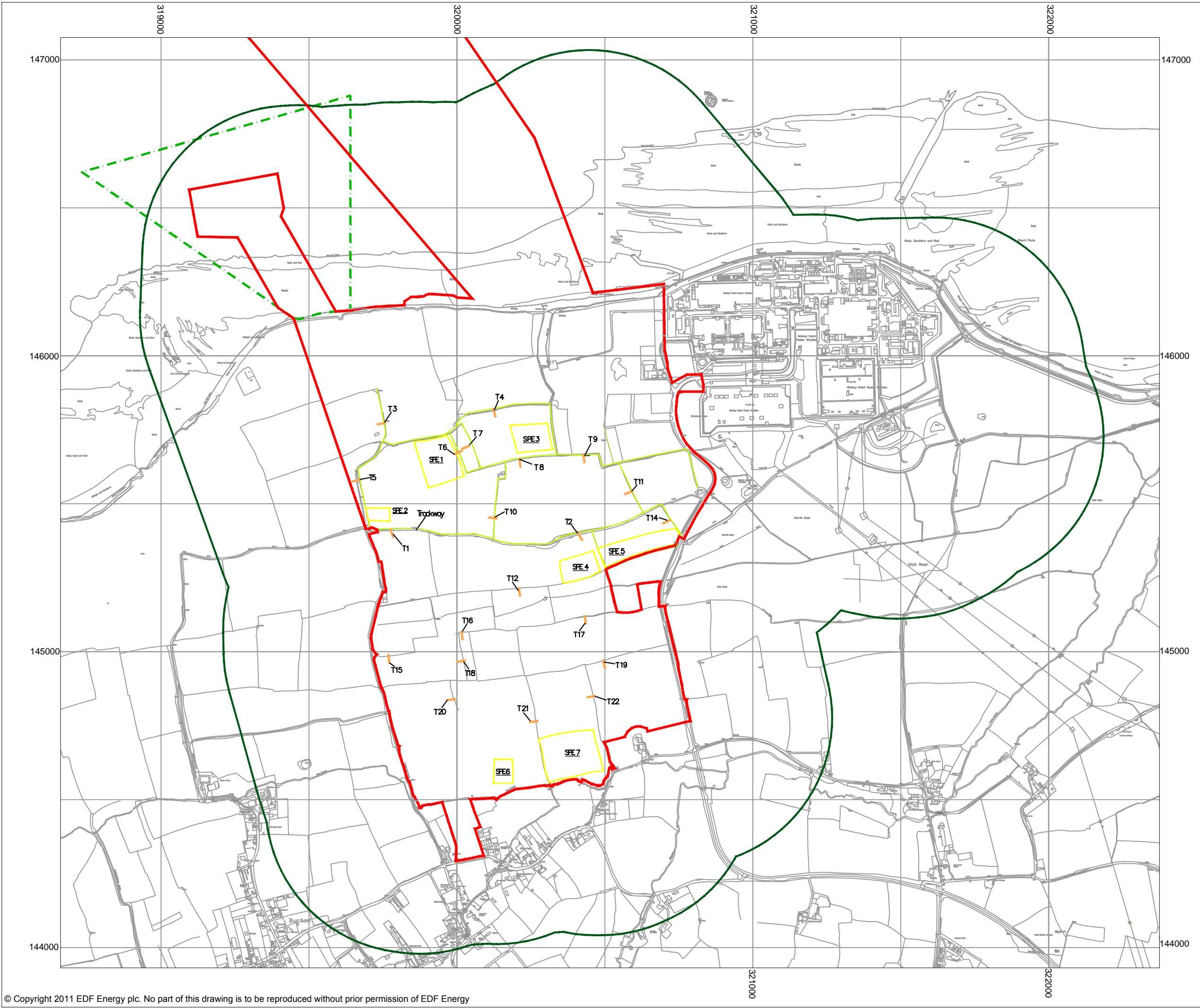


DOCUMENT:
**HINKLEY POINT C PROJECT
 ENVIRONMENT STATEMENT
 VOLUME 2 CHAPTER 23**

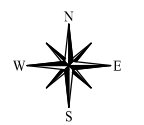
FIGURE TITLE:
**HISTORIC LANDSCAPE
 CHARACTERISATION**

FIGURE NO: FIGURE 23.6	REVISION: 01
DATE: SEPT 2011	DRAWN: D. S.
	SCALE: 1:21,000@A3





- KEY**
- HINKLEY POINT C DEVELOPMENT SITE BOUNDARY
 - TEMPORARY JETTY SEAWARD HARBOUR LIMITS
 - 500M STUDY AREA
 - SET-PIECE EXCAVATION (SPE) AREA
 - TRENCH (30M X 6M INCLUDING 3M WIDE CONTINGENCY AREA)
 - IMPORTANT HEDGEROWS



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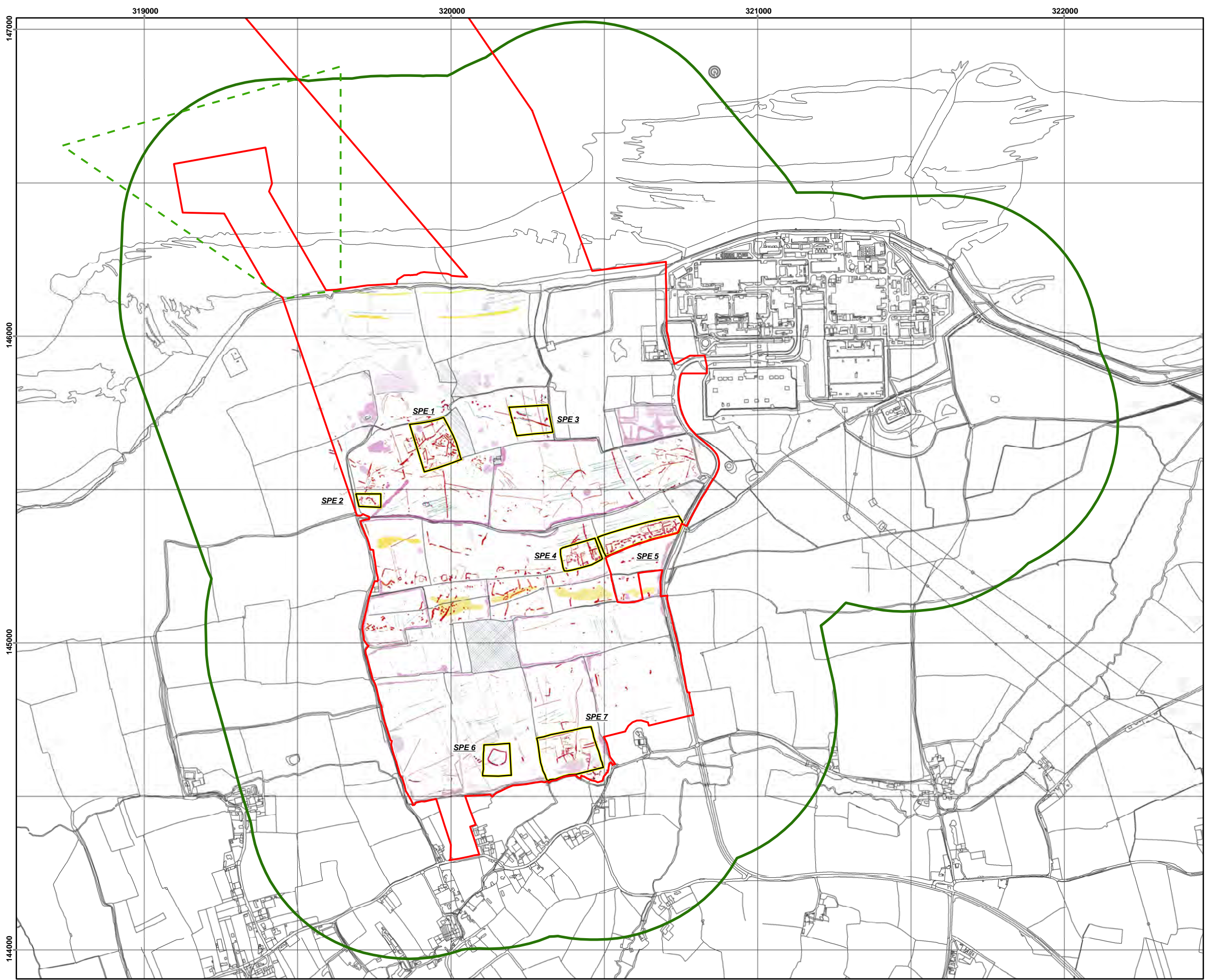
DOCUMENT:
HINKLEY POINT C PROJECT ENVIRONMENTAL STATEMENT VOLUME 2 CHAPTER 23

FIGURE TITLE:
TRENCH LOCATIONS SHOWN IN RELATION TO SET-PIECE EXCAVATION (SPE) AREAS

FIGURE NO: **FIGURE 23.7** REVISION: **01**

DATE: **SEPT 2011** DRAWN: **S.E** SCALE: **1:12,000@A3**





KEY

- HINKLEY POINT C DEVELOPMENT SITE BOUNDARY
- TEMPORARY JETTY SEAWARD HARBOUR LIMITS
- STUDY AREA (500M BUFFER)
- SET-PIECE EXCAVATION (SPE) AREA
- DISCRETE POSITIVE ANOMALY- POSSIBLE PIT
- POSITIVE ANOMALY WITH ASSOCIATED NEGATIVE RESPONSE - FERROUS OBJECT
- MAGNETIC DISTURBANCE - ASSOCIATED WITH PIPE/CABLE
- POSITIVE LINEAR ANOMALY - AGRICULTURAL MARK
- POSITIVE LINEAR ANOMALY - CUT FEATURE OF POSSIBLE ARCHAEOLOGICAL ORIGIN
- NEGATIVE LINEAR ANOMALY - BANK OR EARTHWORK OF POSSIBLE ARCHAEOLOGICAL ORIGIN
- LINEAR ANOMALY - RELATED TO VEHICLE TRACKS
- POSITIVE AREA ANOMALY - CUT FEATURE OF POSSIBLE ORIGIN
- WEAK POSITIVE ANOMALY
- MAGNETIC DISTURBANCE ASSOCIATED WITH GROUND DISTURBANCE
- DISCRETE AREA OF MAGNETIC DISTURBANCE - POSSIBLE THERMOREMNANT FEATURE
- MAGNETIC DISTURBANCE ASSOCIATED WITH NEARBY SERVICE OR FIELD BOUNDARY
- MAGNETIC DISTURBANCE ASSOCIATED WITH NEARBY METALIC OBJECTS
- MAGNETIC DISTURBANCE OF UNKNOWN ORIGIN
- MAGNETIC DEBRIS
- AREA OF MAGNETIC VARIATION - POSSIBLE GEOLOGICAL/PEDOLOGICAL RESPONSE
- NO ACCESS

FROM STRATASCAN 2009

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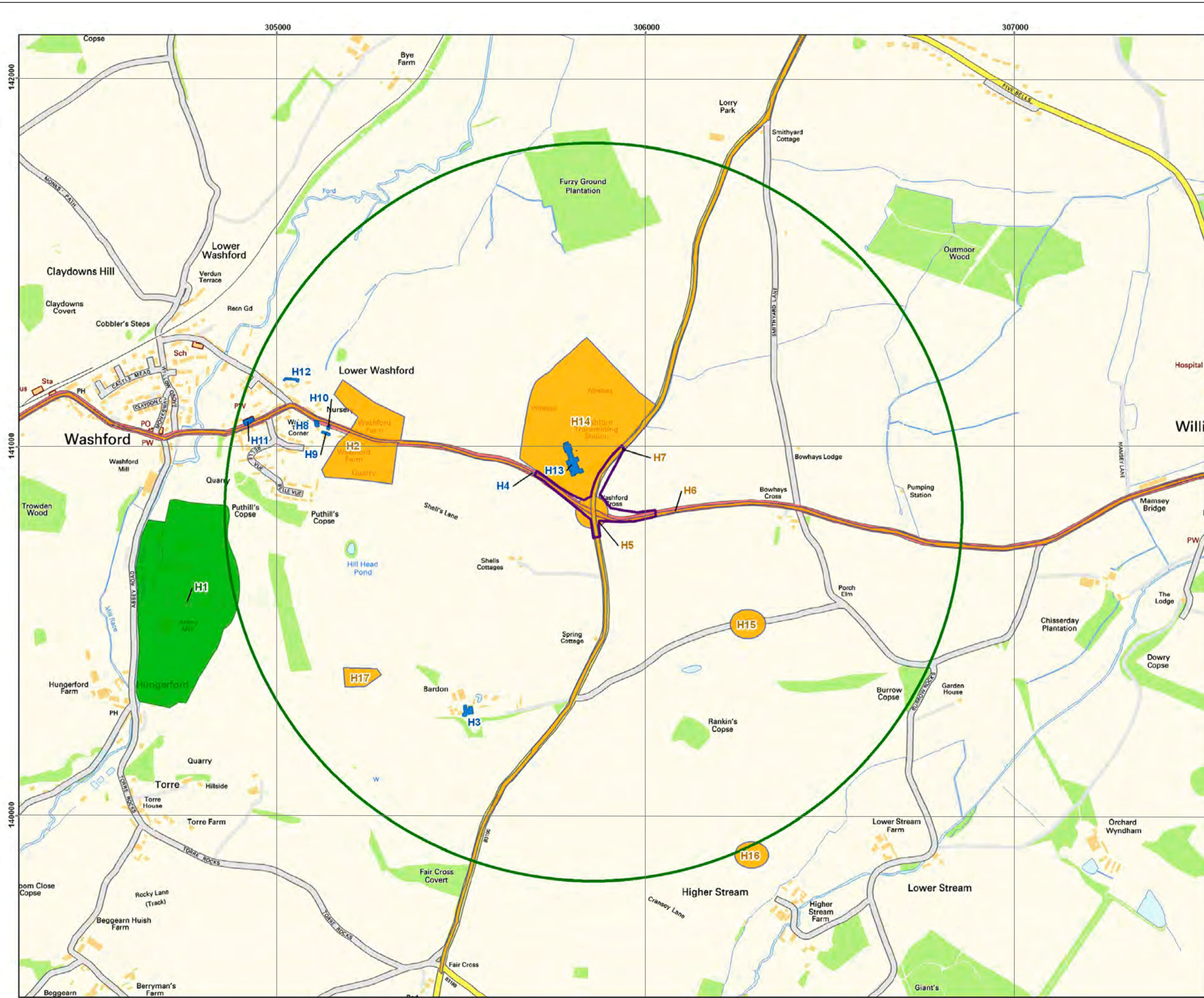







DOCUMENT:
**HINKLEY POINT C PROJECT
 ENVIRONMENT STATEMENT
 VOLUME 2 CHAPTER 23**

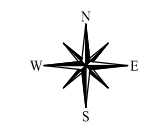
FIGURE TITLE:
**SET-PIECE EXCAVATION (SPE) AREAS
 OVERLAIN OVER THE GEOPHYSICAL
 INTERPRETATION**

FIGURE NO: FIGURE 23.8	REVISION: 01
DATE: SEPT 2011	SCALE: 1:12,000@A3
DRAWN: D. S	





- KEY**
-  1KM BUFFER
 -  AREA OF HIGHWAY IMPROVEMENT
 -  ARCHAEOLOGY SITE
 -  SCHEDULED MONUMENT
 -  LISTED BUILDING



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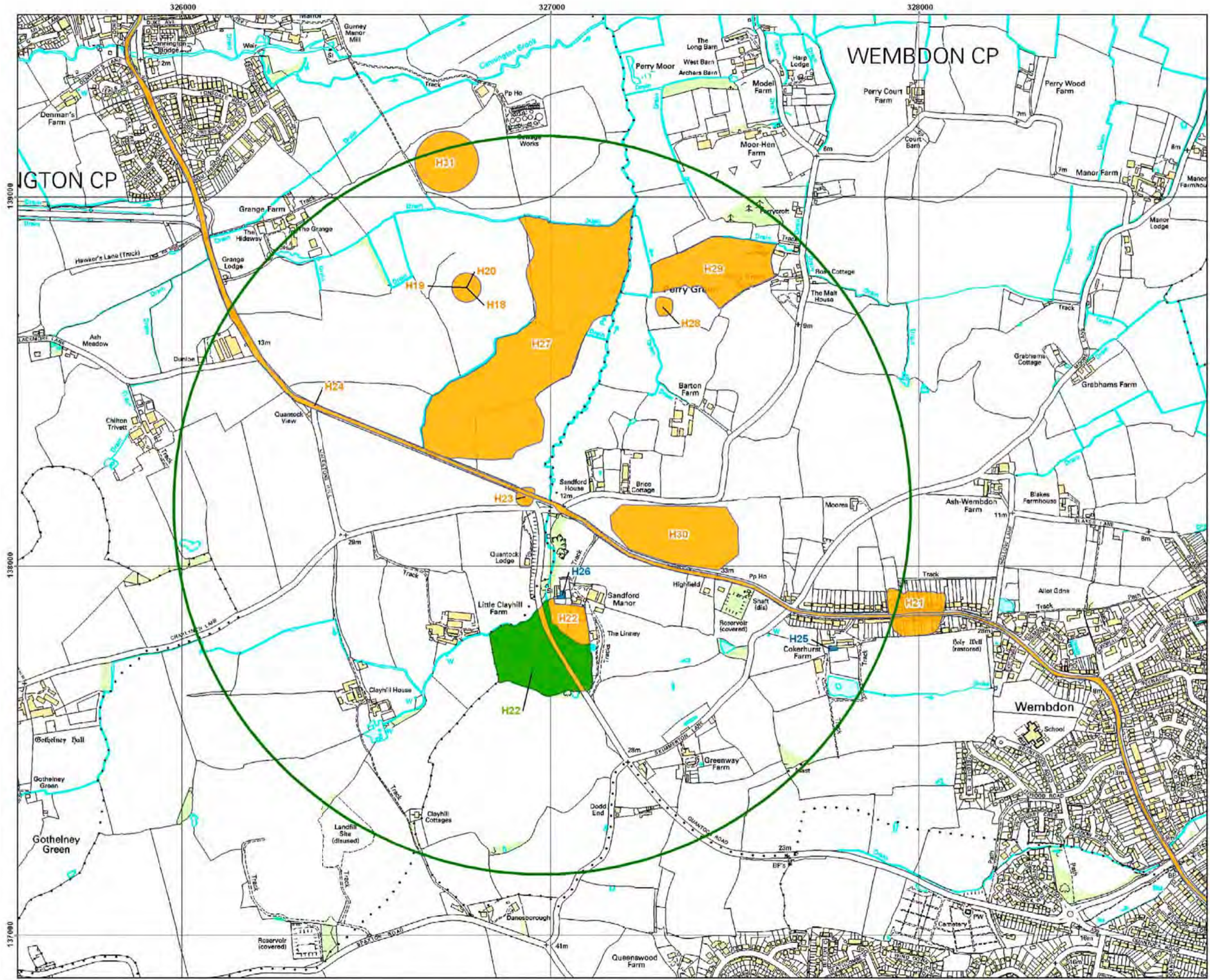


DOCUMENT:
**HINKLEY POINT C PROJECT
 ENVIRONMENTAL STATEMENT
 VOLUME 2 CHAPTER 23**

FIGURE TITLE:
**WASHFORD CROSS
 HISTORIC ENVIRONMENT
 SITE LOCATION PLAN**

FIGURE NO: **FIGURE 23.9** REVISION: **01**
 DATE: **SEPT 2011** DRAWN: **D.S** SCALE: **1:10,000@A3**





KEY

- 1KM BUFFER
- ARCHAEOLOGICAL SITE
- SCHEDULED MONUMENT
- LISTED BUILDING



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DOCUMENT:
**HINKLEY POINT C PROJECT
 ENVIRONMENTAL STATEMENT
 VOLUME 2 CHAPTER 23**

FIGURE TITLE:
**SANDFORD HILL
 HISTORIC ENVIRONMENT
 SITE LOCATION PLAN**

FIGURE NO: **FIGURE 23.10** REVISION: **01**
 DATE: **SEPT 2011** DRAWN: **D.S** SCALE: **1:10,000@A3**





KEY

- OFFSHORE STUDY AREA
- NATIONAL MONUMENTS RECORD AND UNITED KINGDOM HYDROGRAPHIC OFFICE SEARCH AREA



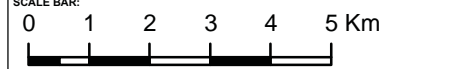
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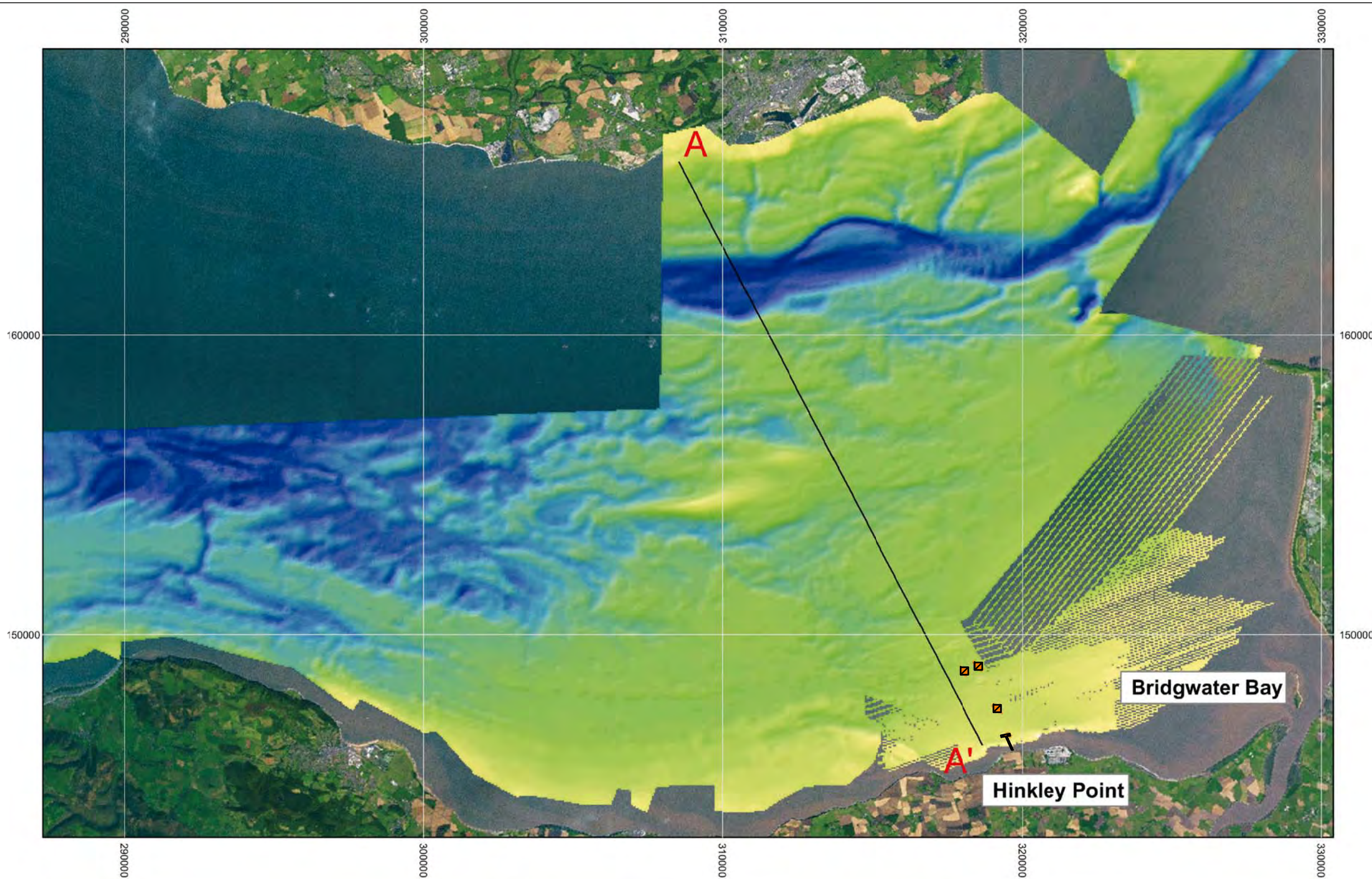


DOCUMENT:
HINKLEY POINT C PROJECT ENVIRONMENTAL STATEMENT VOLUME 2 CHAPTER 24

FIGURE TITLE:
MAP SHOWING THE LOCATION OF THE OFFSHORE STUDY AREA

FIGURE NO: FIGURE 24.1	REVISION: 01
DATE: SEPT 2011	DRAWN: F.S/J.D
SCALE: 1:125,000 @ A3	





KEY

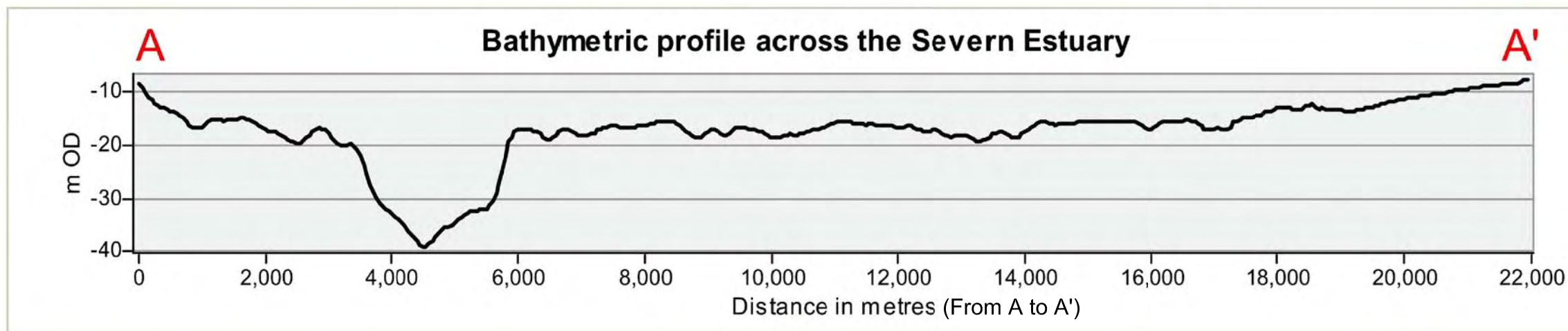
PROPOSED CONSTRUCTION AREAS

BATHYMETRY

mOD
 HIGH: 0
 LOW: -42



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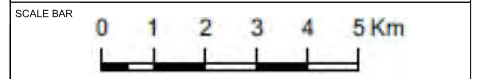


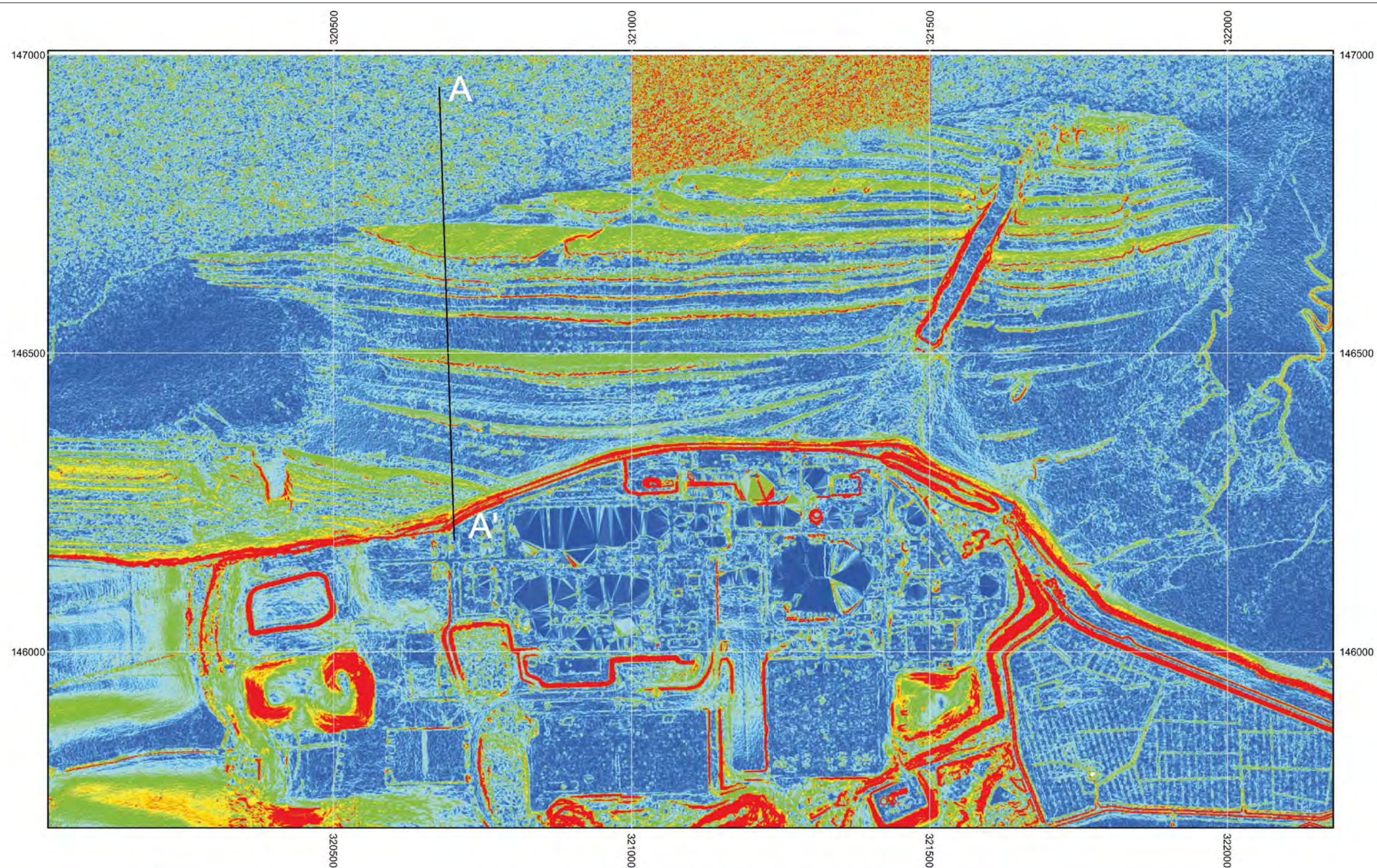
DOCUMENT:
**HINKLEY POINT C PROJECT
 ENVIRONMENTAL STATEMENT
 VOLUME 2 CHAPTER 24**

FIGURE TITLE:
**BATHYMETRIC MAP OF THE SEVERN
 ESTUARY**

FIGURE NO: **FIGURE 24.2** REVISION: **01**

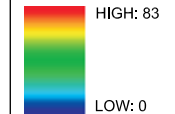
DATE: **SEPT 2011** DRAWN: **F.S/J.D** SCALE: **1:140,000@A3**





KEY

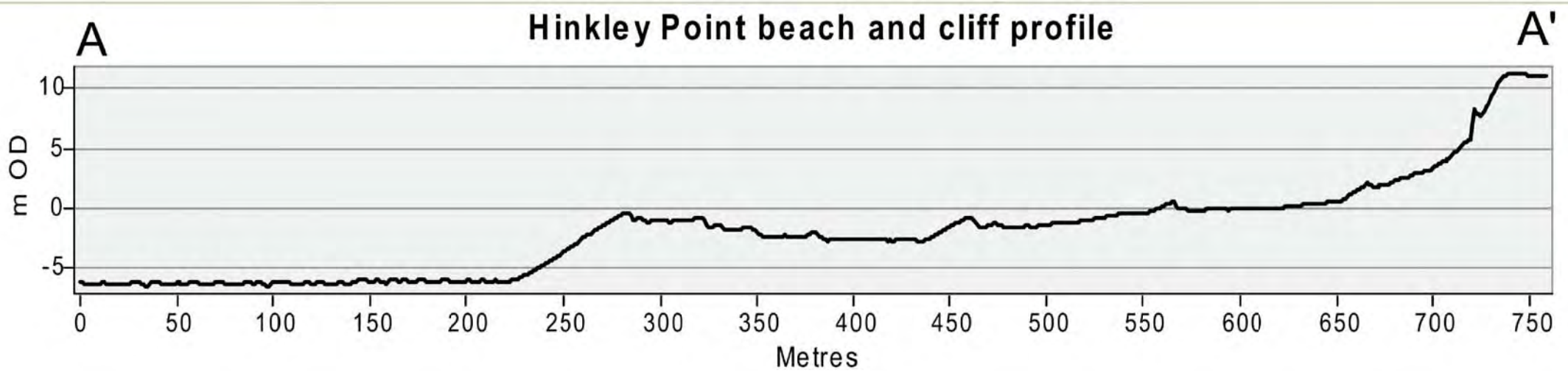
SLOPE ANGLE DEGREES



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Hinkley Point beach and cliff profile



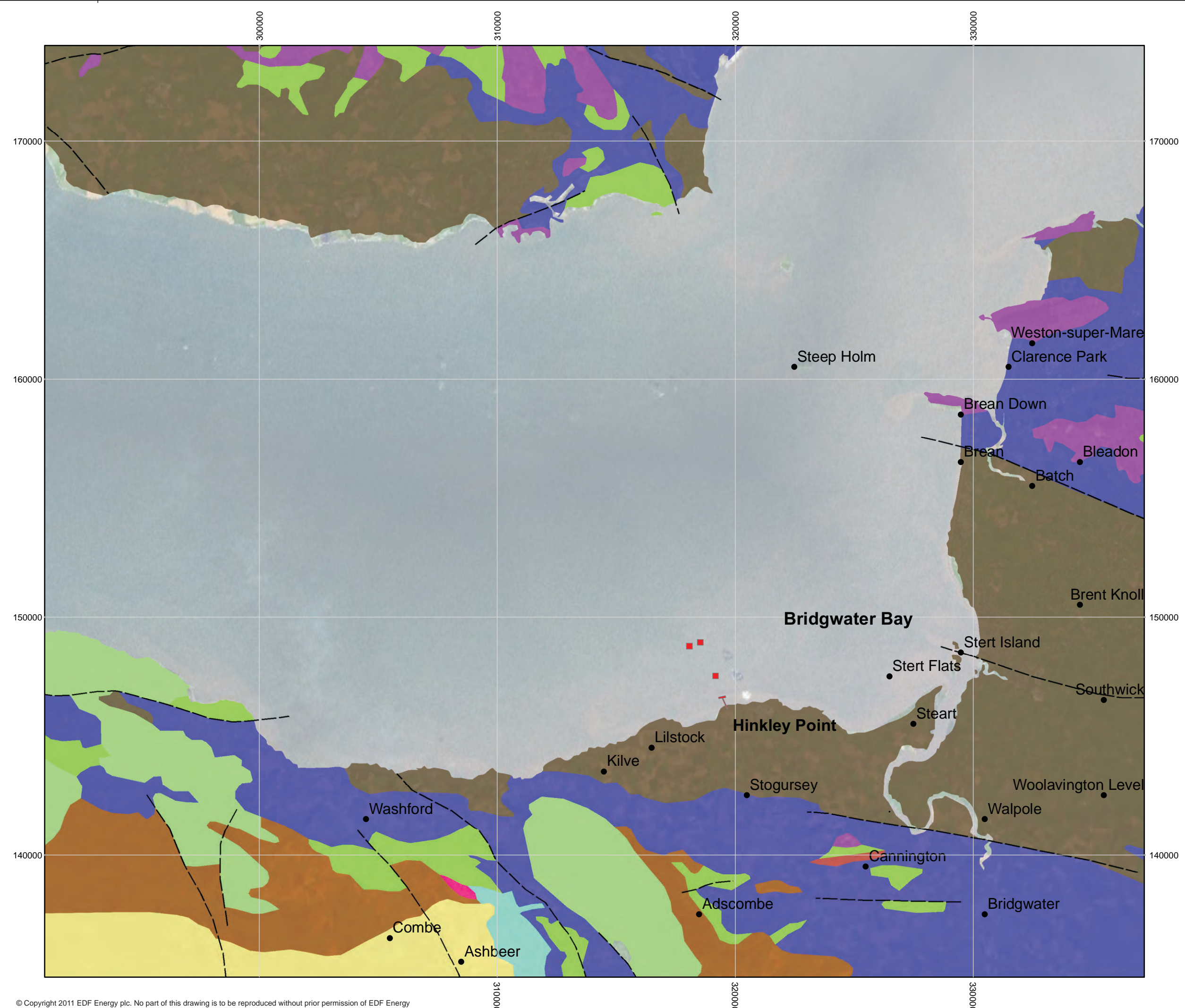
DOCUMENT:
HINKLEY POINT C PROJECT ENVIRONMENTAL STATEMENT VOLUME 2 CHAPTER 24

FIGURE TITLE:
 MAP SHOWING SLOPE ANALYSIS OF LIDAR DATA FOR HINKLEY POINT WITH A SINGLE ELEVATION PROFILE TAKEN ACROSS THE INTERTIDAL AREA AND CLIFF

FIGURE NO: **FIGURE 24.3** REVISION: **01**

DATE: **SEPT 2011** DRAWN: **F.S/J.D** SCALE: **1:7,000@A3**

SCALE BAR
 0 50 100 150 200 250 m

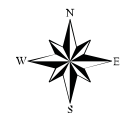


KEY

- Planned areas of construction
- - - Fault at rockhead

Bedrock Geology

- DINANTIAN ROCKS (UNDIFFERENTIATED)
- HOLSWORTHY GROUP
- LOWER DEVONIAN ROCKS
- MIDDLE DEVONIAN (UNDIFFERENTIATED)
- MIDDLE DEVONIAN (UNDIFFERENTIATED)
- LIAS GROUP
- TRIASSIC MUDSTONE
- TRIASSIC ROCKS
- PERMIAN MUDSTONE
- PERMIAN SANDSTONE
- UPPER DEVONIAN ROCKS (UNDIFFERENTIATED)
- UPPER DEVONIAN ROCKS (UNDIFFERENTIATED)



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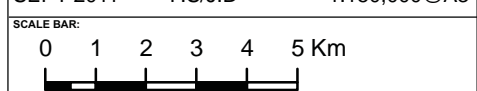


DOCUMENT:
**HINKLEY POINT C PROJECT
 ENVIRONMENTAL STATEMENT
 VOLUME 2 CHAPTER 24**

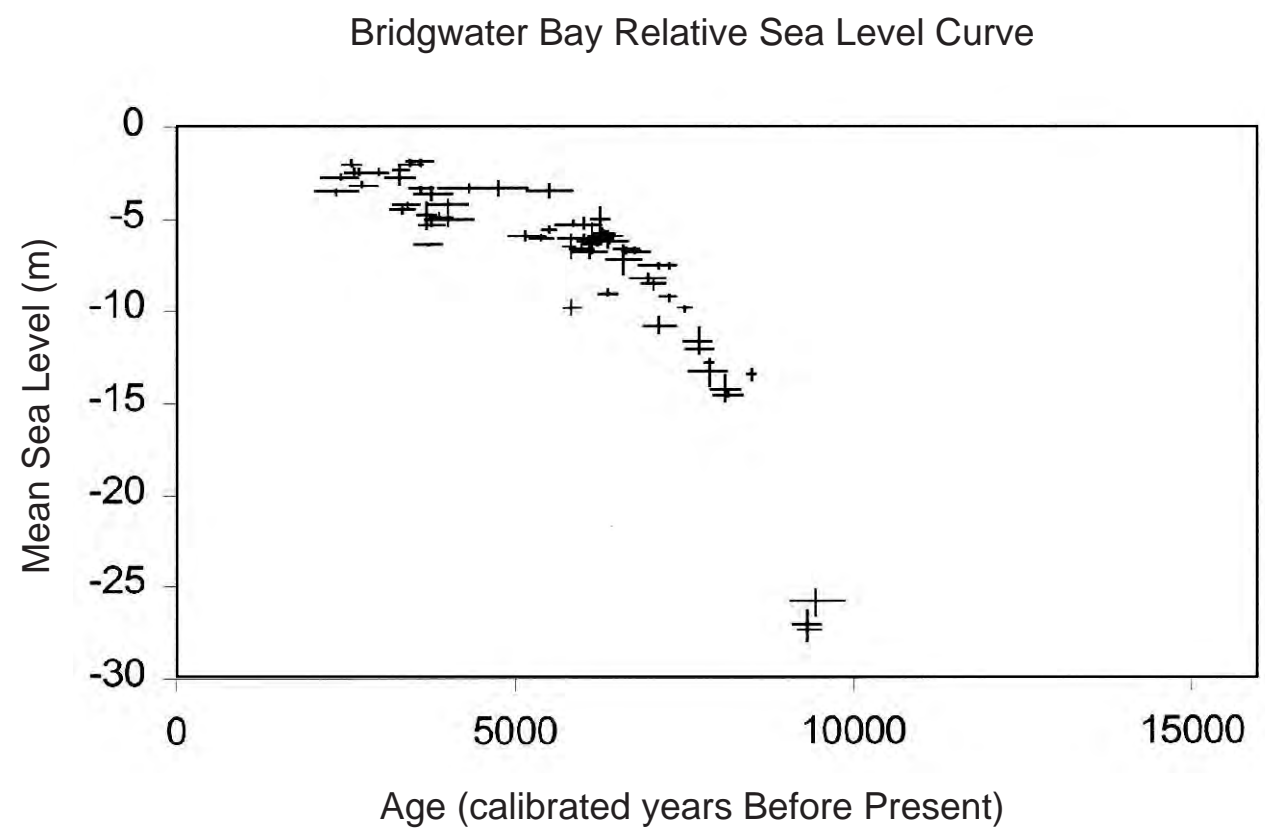
FIGURE TITLE:
**GEOLOGY MAP FOR THE TERRESTRIAL
 AREA OF THE BROADER STUDY REGION**

FIGURE NO: **FIGURE 24.4** REVISION: **01**

DATE: **SEPT 2011** DRAWN: **F.S./J.D** SCALE: **1:150,000@A3**



KEY



DOCUMENT:
HINKLEY POINT C PROJECT
ENVIRONMENTAL STATEMENT
VOLUME 2 CHAPTER 24

FIGURE TITLE:
RSL GRAPH FOR THE BRIDGWATER BAY
AREA (AFTER LONG ET AL 2002)

FIGURE NO:
FIGURE 24.5

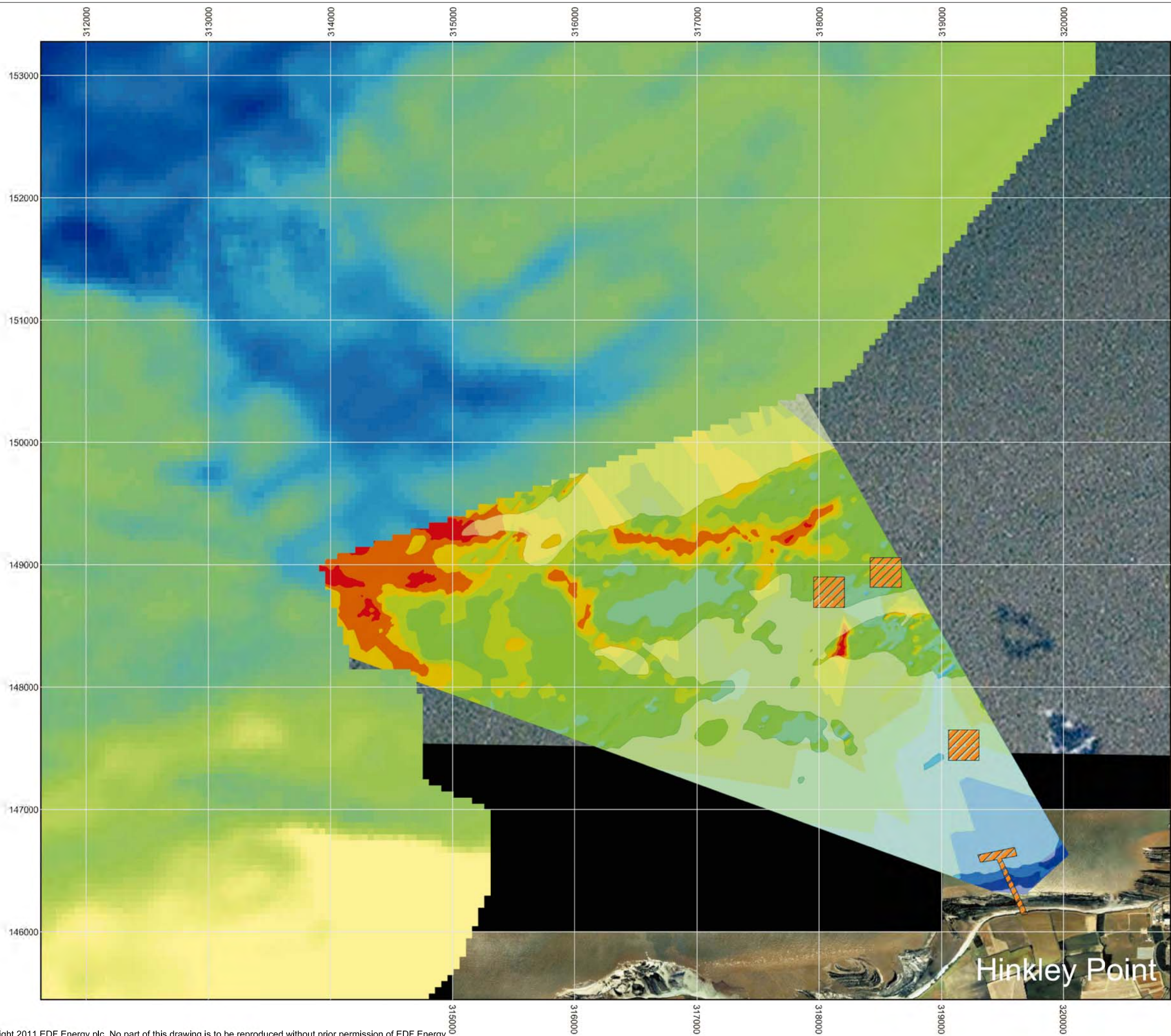
REVISION:
01

DATE:
SEPT 2011

DRAWN:
F.S/J.D

SCALE:

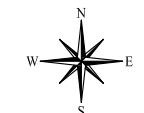
SCALE BAR:



KEY

- BATHYMETRY
mOD**
- HIGH: -6.4
 - LOW: -23.1
 - PROPOSED CONSTRUCTION AREAS
 - SHALLOW GAS

- BEDROCK
ELEVATION mOD**
- 9.66 -- -2.4
 - 12.09 -- -9.66
 - 13.24 -- -12.09
 - 14.09 -- -13.24
 - 14.65 -- -14.09
 - 15.12 -- -14.65
 - 15.63 -- -15.12
 - 16.26 -- -15.63
 - 17.23 -- -16.26
 - 19.4 -- -17.23



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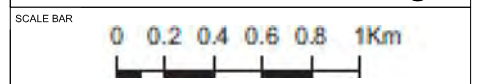


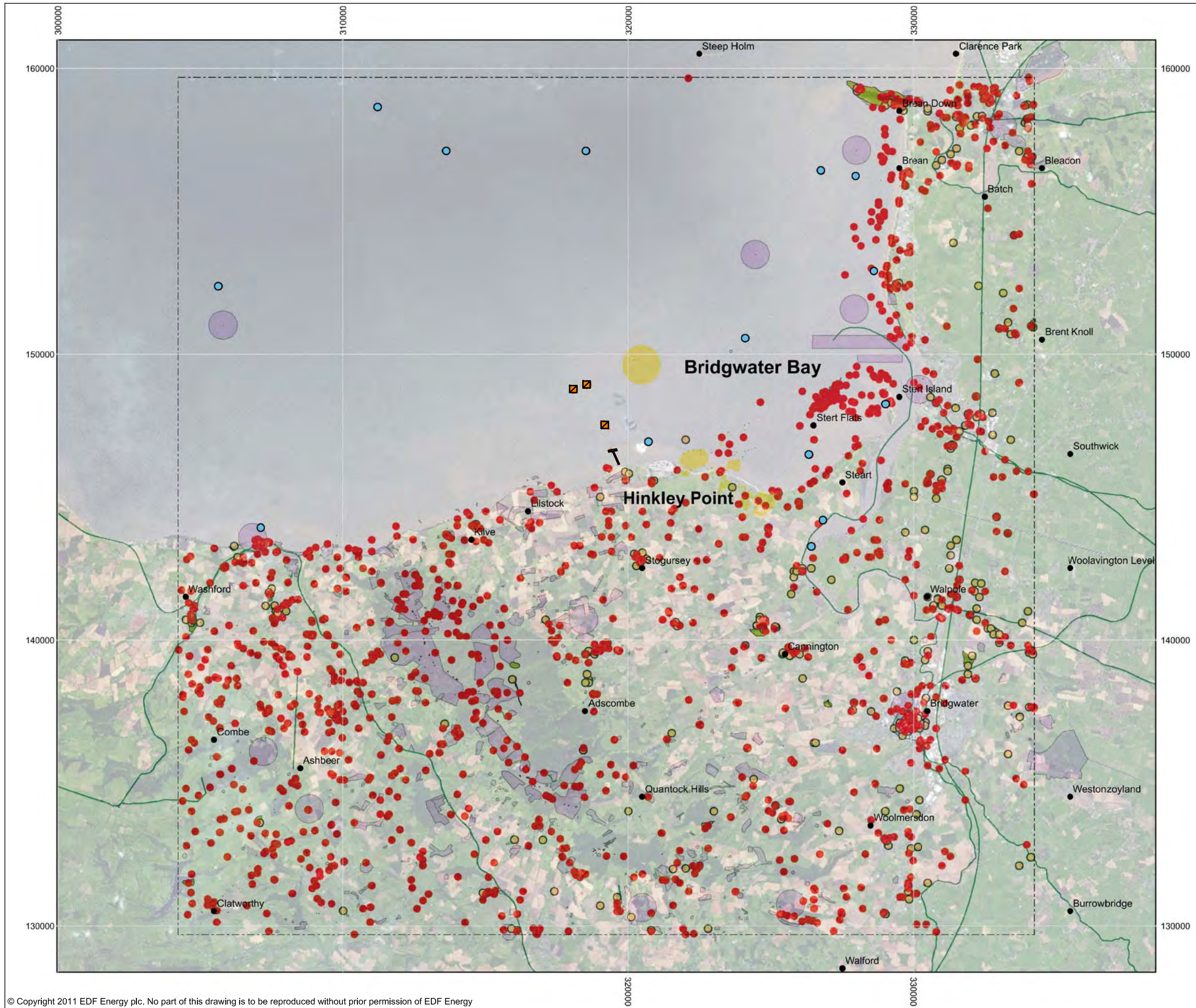
DOCUMENT:
**HINKLEY POINT C PROJECT
ENVIRONMENTAL STATEMENT
VOLUME 2 CHAPTER 24**

FIGURE TITLE:
**CHART SHOWING THE INCISED FEATURES
(POSSIBLY PALAEOCHANNELS) IDENTIFIED
BY EMU (2009)**

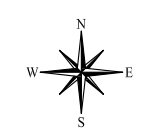
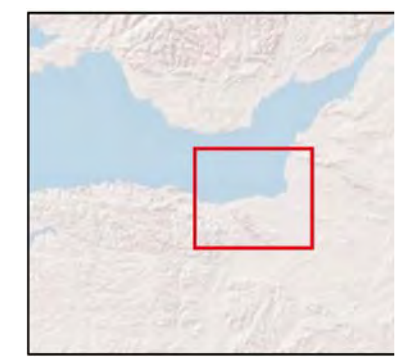
FIGURE NO: **FIGURE 24.6** REVISION: **01**

DATE: **SEPT 2011** DRAWN: **F.S/J.J.D** SCALE: **1:130,000@A3**





- KEY**
- PLACE NAMES
 - UNITED KINGDOM HYDROGRAPHIC OFFICE RECORDS
 - ▨ POTENTIAL CONSTRUCTION AREAS
 - ▭ NMR AND UKHO SEARCH AREA
 - NATIONAL MONUMENT RECORD POINT
 - NATIONAL MONUMENT EVENT POINT
 - NATIONAL MONUMENT RECORD LINE
 - NATIONAL MONUMENT -SCHEDULED MONUMENT
 - NATIONAL MONUMENT RECORD POLYGON



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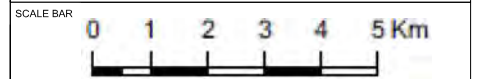


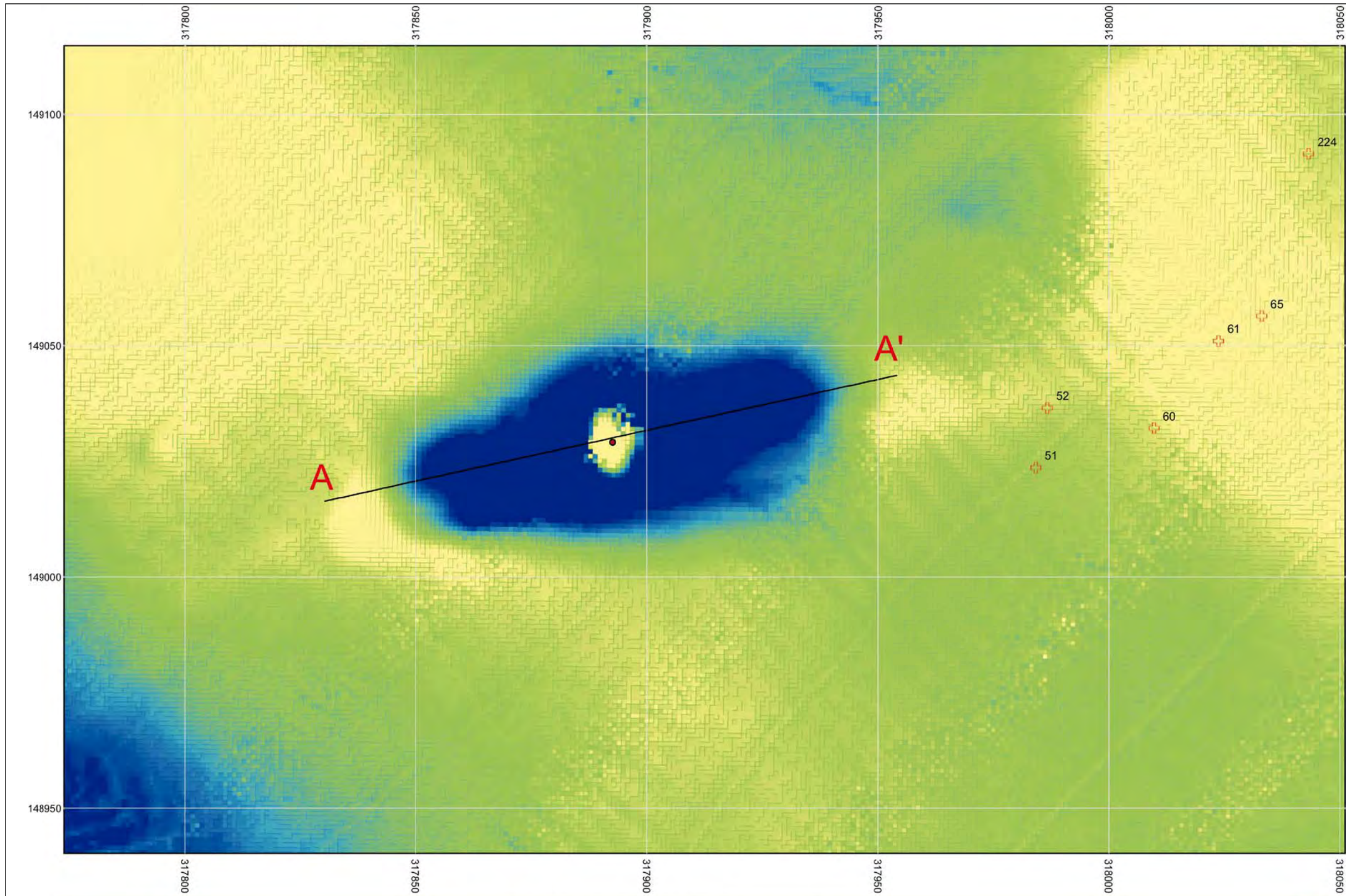
DOCUMENT:
**HINKLEY POINT C PROJECT
 ENVIRONMENTAL STATEMENT
 VOLUME 2 CHAPTER 24**

FIGURE TITLE:
**MAP SHOWING THE LOCATION OF DATA
 RETRIEVED FOR ANALYSIS WITHIN THIS
 STUDY**

FIGURE NO: **FIGURE 24.7** REVISION: **01**

DATE: **SEPT 2011** DRAWN: **F.S/J.D** SCALE: **1:125,000@A3**



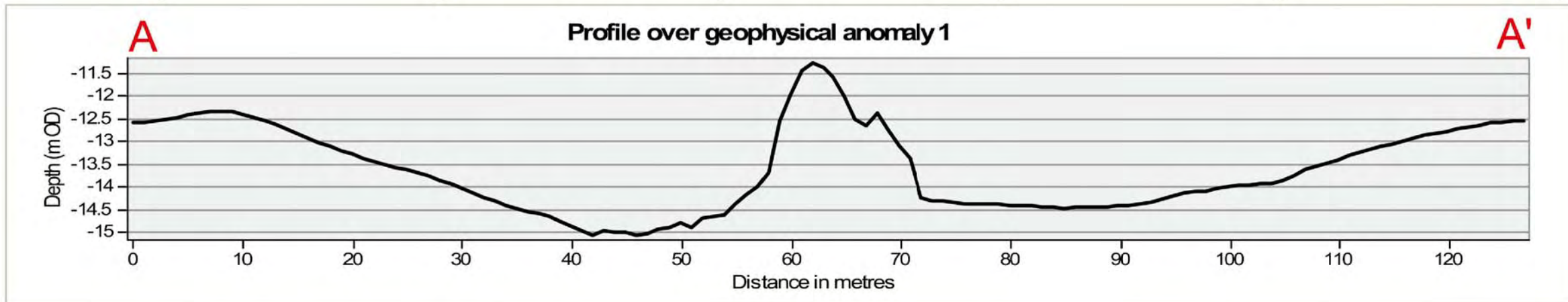


KEY

- GEOPHYSICAL ANOMALY
 - + MAGNETIC ANOMALIES
- BATHYMETRY**
- m OD
- HIGH: -11.1
LOW: -15.3



Bathymetry, magnetic and sonar data from EMU Ltd Survey



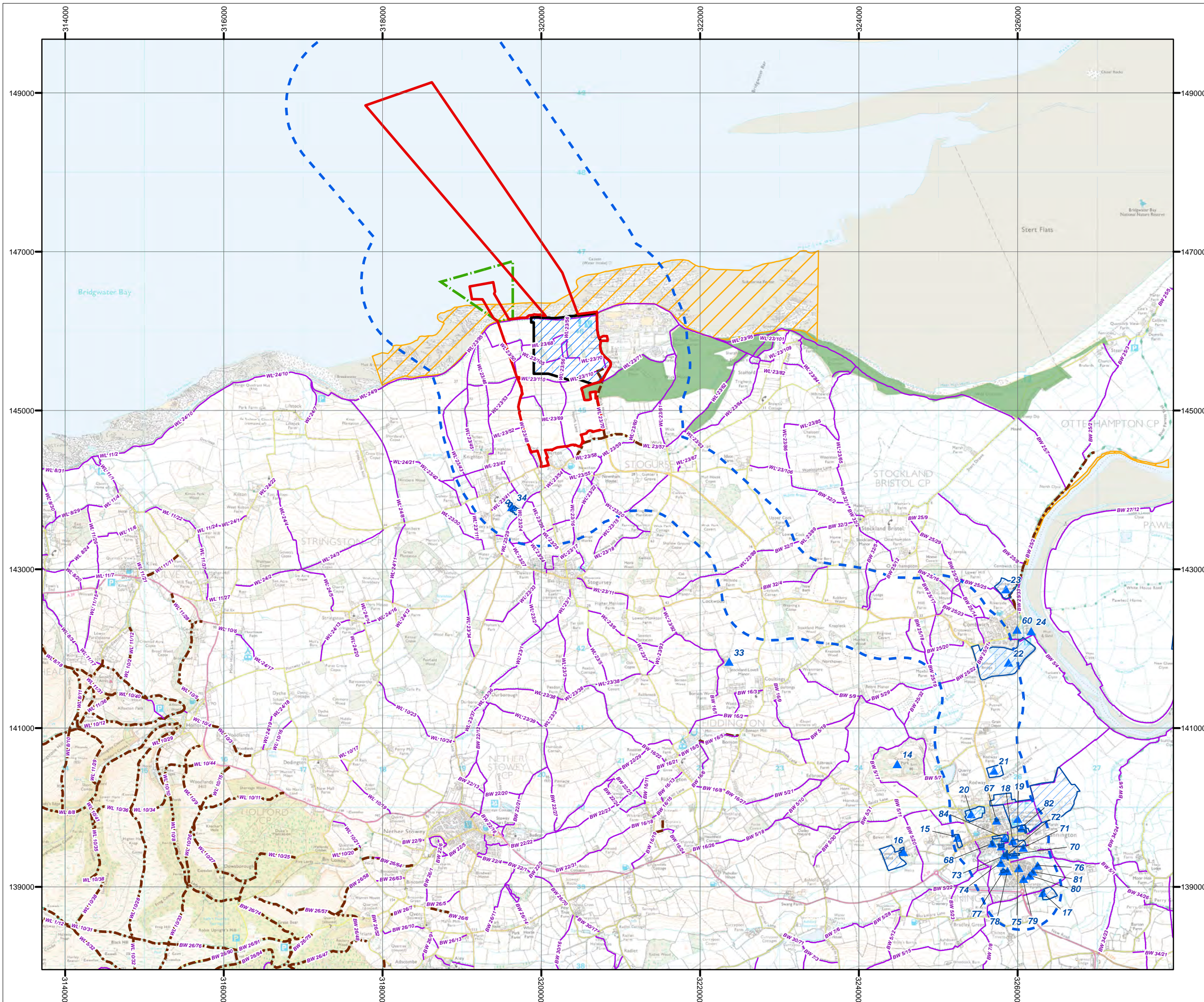
DOCUMENT:
HINKLEY POINT C PROJECT ENVIRONMENTAL STATEMENT VOLUME 2 CHAPTER 24

FIGURE TITLE:
GEOPHYSICAL ANOMALY 1

FIGURE NO: **FIGURE 24.8** REVISION: **01**

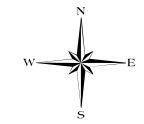
DATE: **SEPT 2011** DRAWN: **F.S/J.D** SCALE: **1:900@A3**

SCALE BAR
0 10 20 30 40 50m



- KEY**
- HPC DEVELOPMENT SITE BOUNDARY
 - PERMANENT DEVELOPMENT SITE BOUNDARY
 - STUDY AREA
 - TEMPORARY JETTY SEAWARD HARBOUR LIMITS
 - EXCEPTED AREA FOR WILDFOWLING
 - COMMON LAND
 - PUBLIC RIGHT OF WAY
 - BRIDLEWAY OR RESTRICTED BYWAY
 - APPROXIMATE EXTENT OF RECREATIONAL ASSET
 - ▲ RECREATIONAL ASSETS

UNIQUE ID	NAME
14	Cannington Park
15	Cannington Cemetery
16	Brymore School
17	Cannington Grange
18	Cannington C of E Primary School
19	Golf Course & Equestrian Centre (Bridgwater College)
20	Playing Field (Bridgwater College)
21	Sports Pitch (Shark's Lane)
22	Fishing Lakes
23	Combwich Common
24	Facilities used by Combwich Motor Boat and Sailing Club
33	Stockland Level Manor Equestrian Centre
34	Fishing Lakes
60	Combwich Pill Slipway & Mooring
67	Folly Close Amenity Grassland
68	Church Street Amenity Grassland
69	St Mary the Virgin Churchyard
70	Cannington Bridge Children's Play Area
71	Duke Avenue Amenity Grassland
72	Brook Street Amenity Grassland
73	Denmans Lane Amenity Grassland
74	Teals Acre Amenity Grassland
75	Rydon Crescent Amenity Grassland
76	Southbrook Crescent Amenity Grassland
77	Oak Tree Way West Amenity Grassland
78	Oak Tree Way East Amenity Grassland
79	Southbrook Close Amenity Grassland
80	Lonsdale Road West Amenity Grassland
81	Lonsdale Road East Amenity Grassland
82	East Street Allotments
84	Cannington Walled Garden



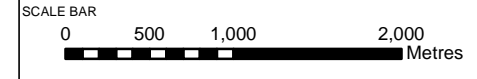
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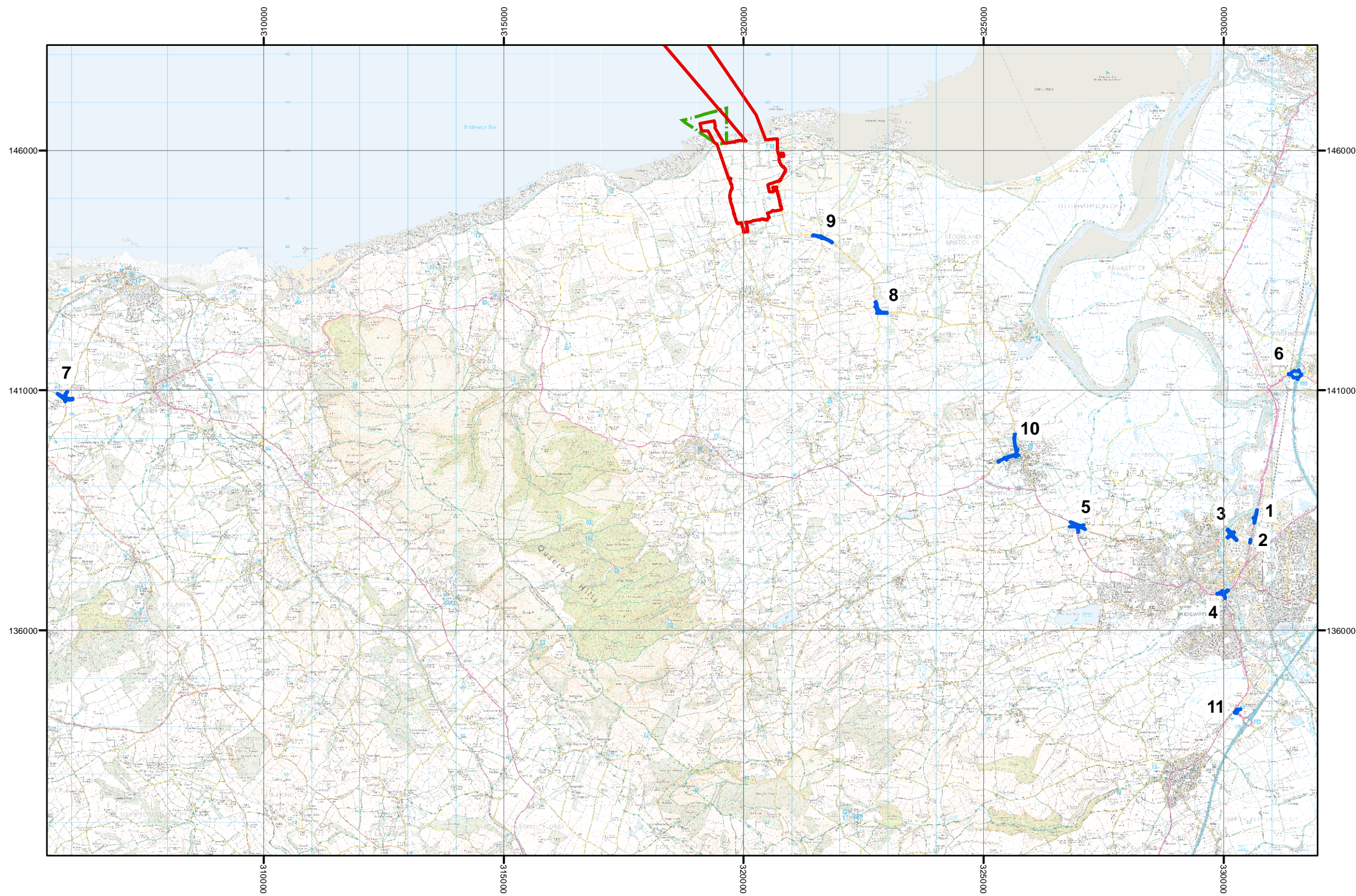


DOCUMENT:
HINKLEY POINT C PROJECT ENVIRONMENTAL STATEMENT VOLUME 2 CHAPTER 25




FIGURE TITLE:
THE STUDY AREA & AMENITY & RECREATION ASSETS

FIGURE NO: **FIGURE 25.2** REVISION: **01**
 DATE: **SEPT 2011** DRAWN: **M.P** SCALE: **1:45,000 @ A3**





KEY

-  HPC DEVELOPMENT SITE BOUNDARY
-  EXTENT OF HIGHWAY WORKS
-  TEMPORARY JETTY SEAWARD HARBOUR LIMITS



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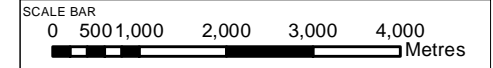


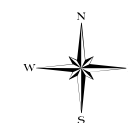
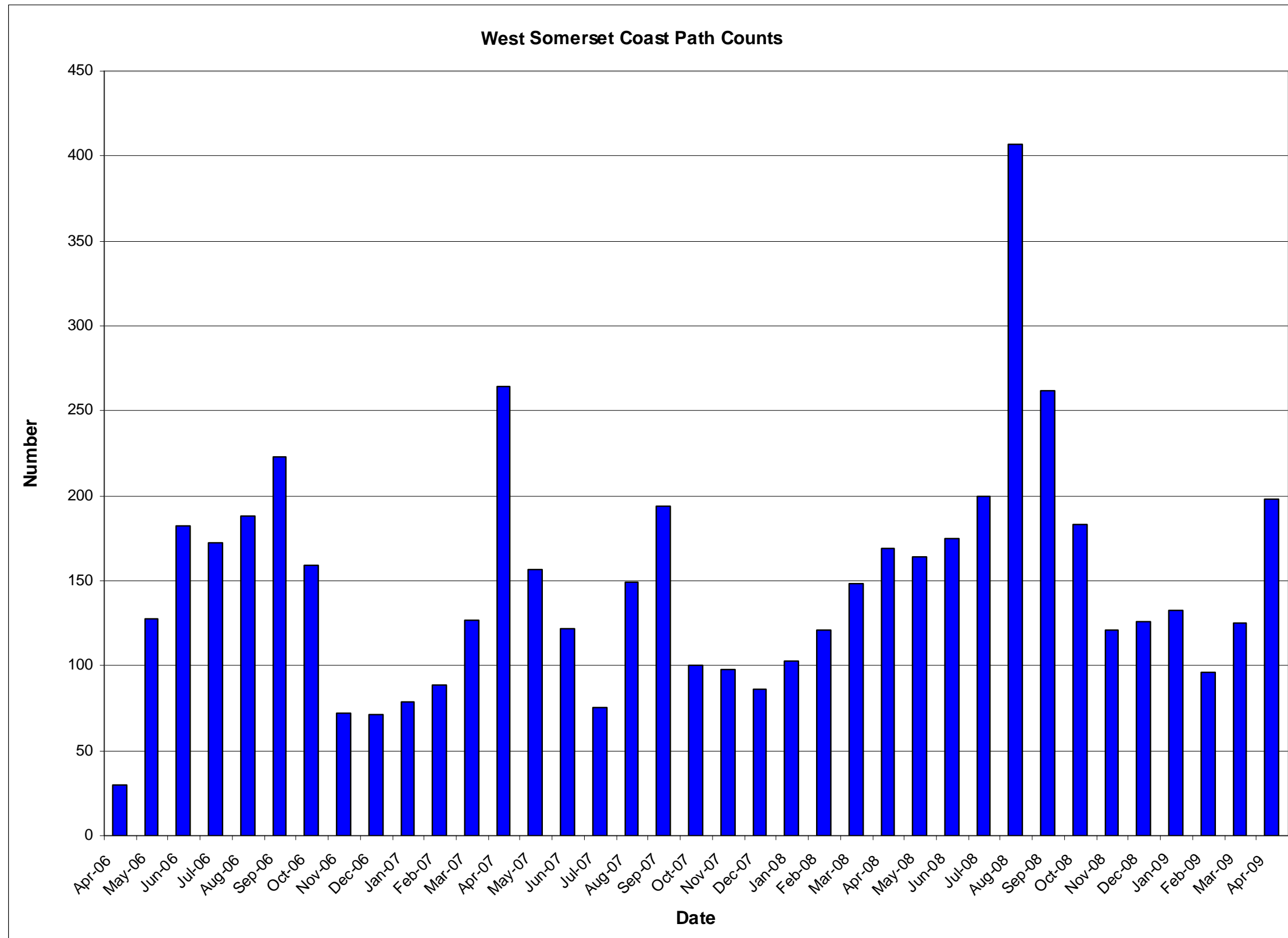
Area Numbers	Area Name
1	A38 Bristol Rd / Wylids Rd Junction
2	A38 Bristol Road / The Drove
3	The Drove / Wylids Rd Junction (NDR)
4	A38 Taunton Rd / A39 Broadway Junction
5	A39 New Rd/B3339 Sandford Hill Roundabout
6	M5 Junction 23 Roundabout
7	Washford Cross Roundabout
8	Claylands Corner Junction
9	C182 Faringdon Hill Lane, Horse Crossing
10	Cannington Traffic Calming Measures
11	Huntsworth Roundabout

DOCUMENT:
HINKLEY POINT C PROJECT ENVIRONMENTAL STATEMENT VOLUME 2 CHAPTER 25

FIGURE TITLE:
OFF-SITE HIGHWAY IMPROVEMENTS

FIGURE NO: **FIGURE 25.3** REVISION: **01**
 DATE: **SEPT 2011** DRAWN: **M.P** SCALE: **1:87,000 @ A3**





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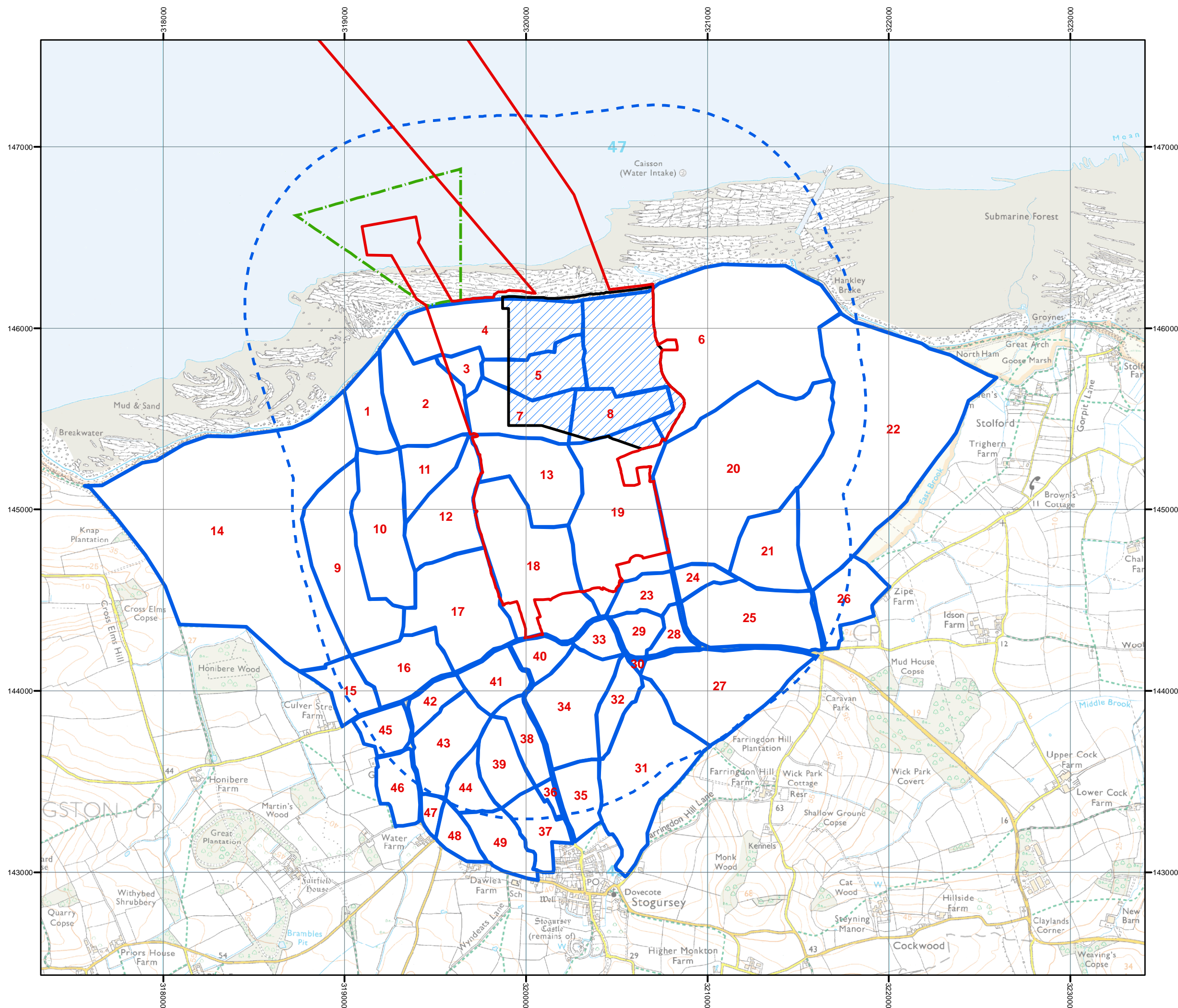
DOCUMENT:
**HINKLEY POINT C PROJECT
 ENVIRONMENTAL STATEMENT
 VOLUME 2 CHAPTER 25**

FIGURE TITLE:
**WEST SOMERSET COAST PATH
 COUNTER RESULTS**

FIGURE NO: **FIGURE 25.4** REVISION: **01**

DATE: **SEPT 2011** DRAWN: **M.P** SCALE: **NTS @ A3**

SCALE BAR



- KEY**
- HPC DEVELOPMENT SITE BOUNDARY
 - STUDY AREA
 - PERMANENT DEVELOPMENT SITE BOUNDARY
 - TEMPORARY JETTY SEAWARD HARBOUR LIMITS
 - CIRCULAR PROW ROUTES IN THE HINKLEY POINT STUDY AREA
 - SEE APPENDIX 25C FOR CIRCULAR PROW ROUTE INFORMATION



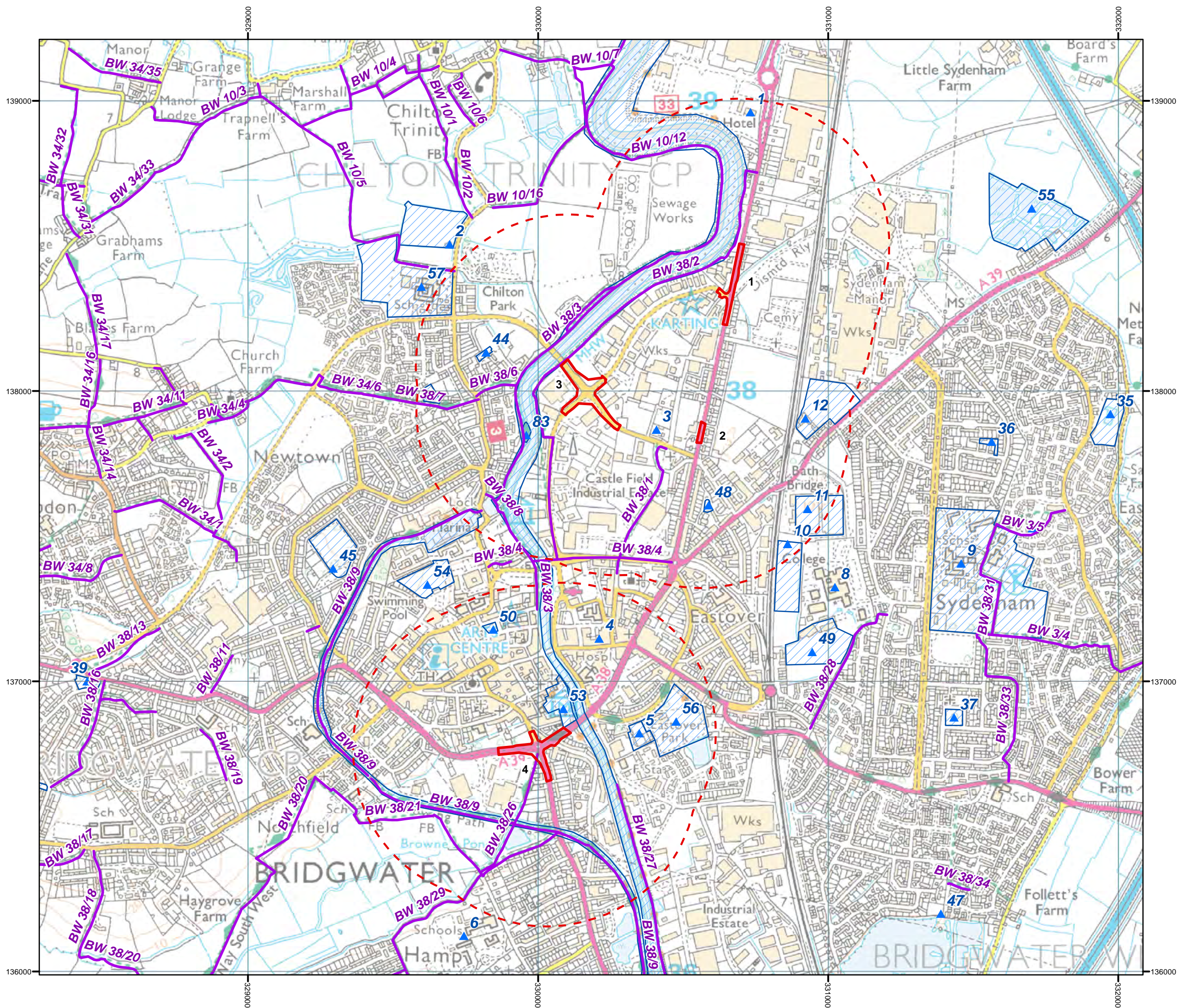
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DOCUMENT:
HINKLEY POINT C PROJECT ENVIRONMENTAL STATEMENT VOLUME 2 CHAPTER 25

FIGURE TITLE:
CIRCULAR PROW ROUTES IN THE HINKLEY POINT C STUDY AREA

FIGURE NO: FIGURE 25.5	REVISION: 01
DATE: SEPT 2011	DRAWN: M.P
SCALE: 1:20,000 @ A3	
SCALE BAR 	

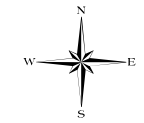


KEY

- EXTENT OF HIGHWAY WORKS
- STUDY AREA
- PUBLIC RIGHT OF WAY
- APPROXIMATE EXTENT OF RECREATIONAL ASSET
- ▲ RECREATIONAL ASSETS

Area Numbers	Area Name
1	A38 Bristol Rd / Wylds Rd Junction
2	A38 Bristol Road / The Drove
3	The Drove / Wylds Rd Junction (NDR)
4	A38 Taunton Rd / A39 Broadway Junction

UNIQUE ID	NAME
1	The Exchange (Health Club)
2	Wembdon Cricket Club
3	Drove House (Health Club)
4	Trim Wise (Health Club)
5	Eastover Park, Tennis Centre and Eastover Park Bowling Club
6	Robert Blake Science College
8	Bridgwater College
9	East Bridgwater Sports Centre
10	Bridgwater Town FC
11	Bridgwater and Albion RFC
12	Bridgwater Sports and Social Club
35	Whitfield Road Children's Play Area and Bower Ponds
36	Chamberlin Avenue Children's Play Area
37	Coronation Park Children's Play Area
38	Crowhill Lane Children's Play Area
39	Danesboro Road Children's Play Area
44	Chilton Street Children's Play Area
45	Victoria Park
46	Pollard Road Children's Play Area
47	Stafford Road Children's Play Area
48	Union Street Children's Play Area
49	Bridgwater College Sports Facilities
50	Kings Square
53	Blake Gardens
54	Northgate/Brewery Field Children's Play Area
55	Glasshouse Ponds
56	Eastover Park / Cranleigh Gardens
57	Chilton Trinity School
83	Linham Road Children's Play Area



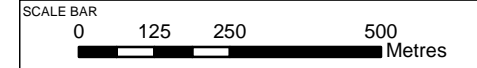
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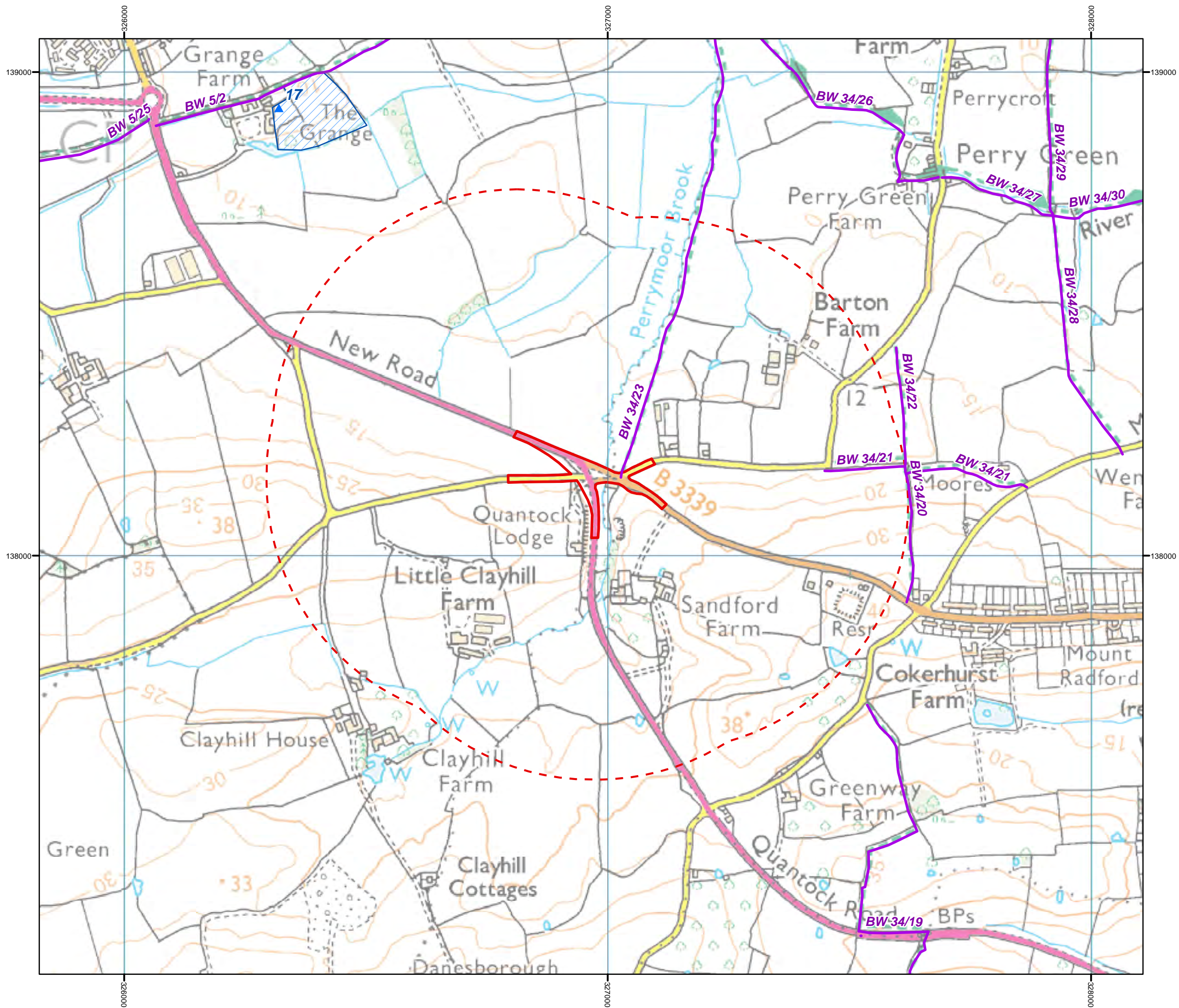


DOCUMENT:
HINKLEY POINT C PROJECT ENVIRONMENTAL STATEMENT VOLUME 2 CHAPTER 25

FIGURE TITLE:
EXTENT OF HIGHWAYS WORKS CENTRAL BRIDGWATER AREA

FIGURE NO: FIGURE 25.6	REVISION: 01
DATE: SEPT 2011	DRAWN: M.P
	SCALE: 1:12,500 @ A3





KEY

- EXTENT OF HIGHWAY WORKS
- STUDY AREA
- PUBLIC RIGHT OF WAY
- APPROXIMATE EXTENT OF RECREATIONAL ASSET
- RECREATIONAL ASSETS

UNIQUE ID	NAME
17	Cannington Grange



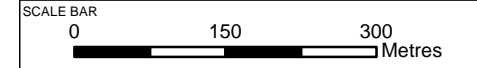
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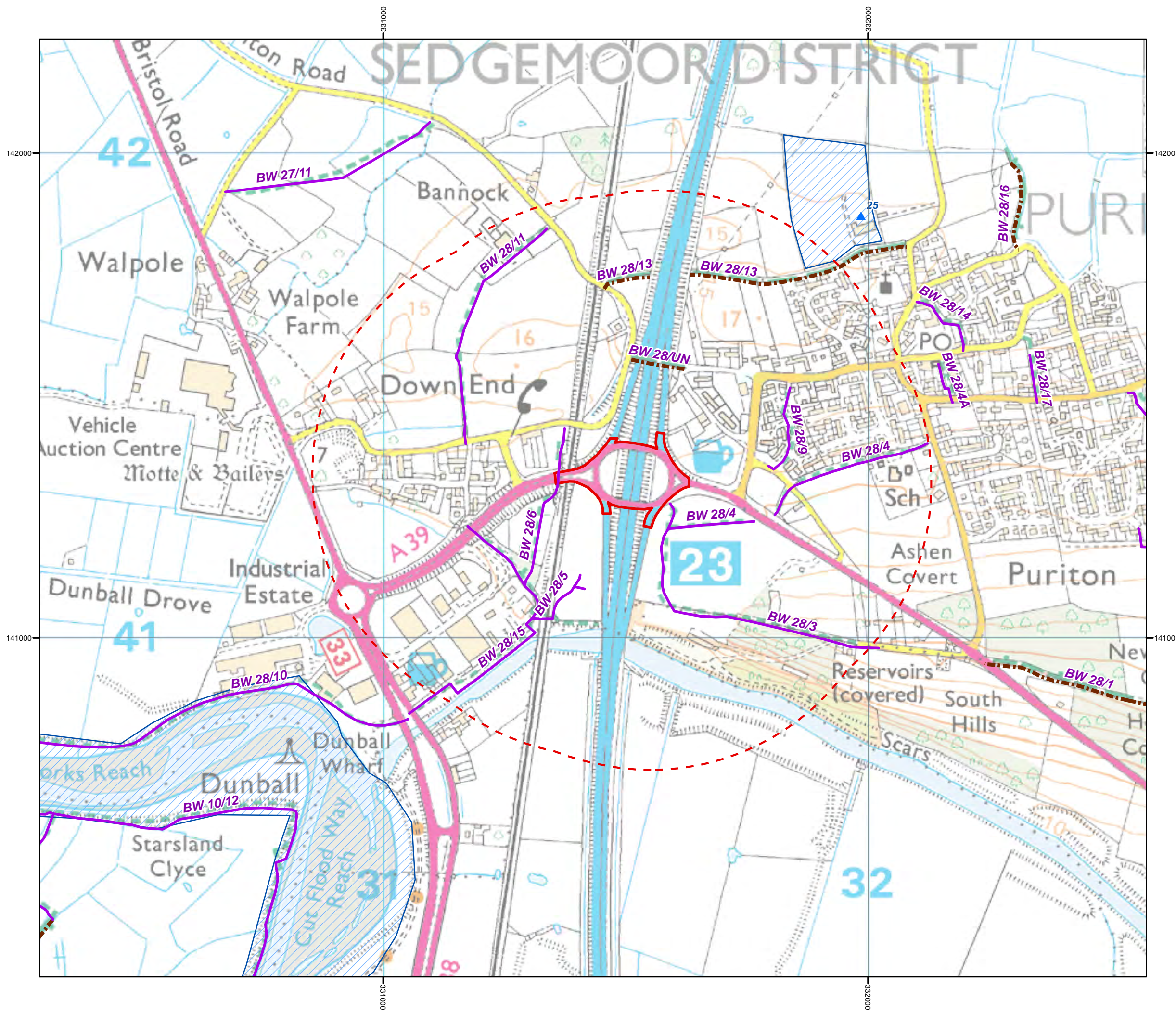


DOCUMENT:
**HINKLEY POINT C PROJECT
 ENVIRONMENTAL STATEMENT
 VOLUME 2 CHAPTER 25**

FIGURE TITLE:
**EXTENT OF HIGHWAYS WORKS
 A39 NEW ROAD / B3339
 SANDFORD HILL ROUNDABOUT**

FIGURE NO: FIGURE 25.7	REVISION: 01
DATE: SEPT 2011	SCALE: 1:7,500 @ A3





KEY

- EXTENT OF HIGHWAY WORKS
- STUDY AREA
- PUBLIC RIGHT OF WAY
- BRIDLEWAY OR RESTRICTED BYWAY
- APPROXIMATE EXTENT OF RECREATIONAL ASSET
- ▲ RECREATIONAL ASSETS

UNIQUE ID NAME
25 Puriton Playing Fields



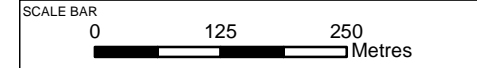
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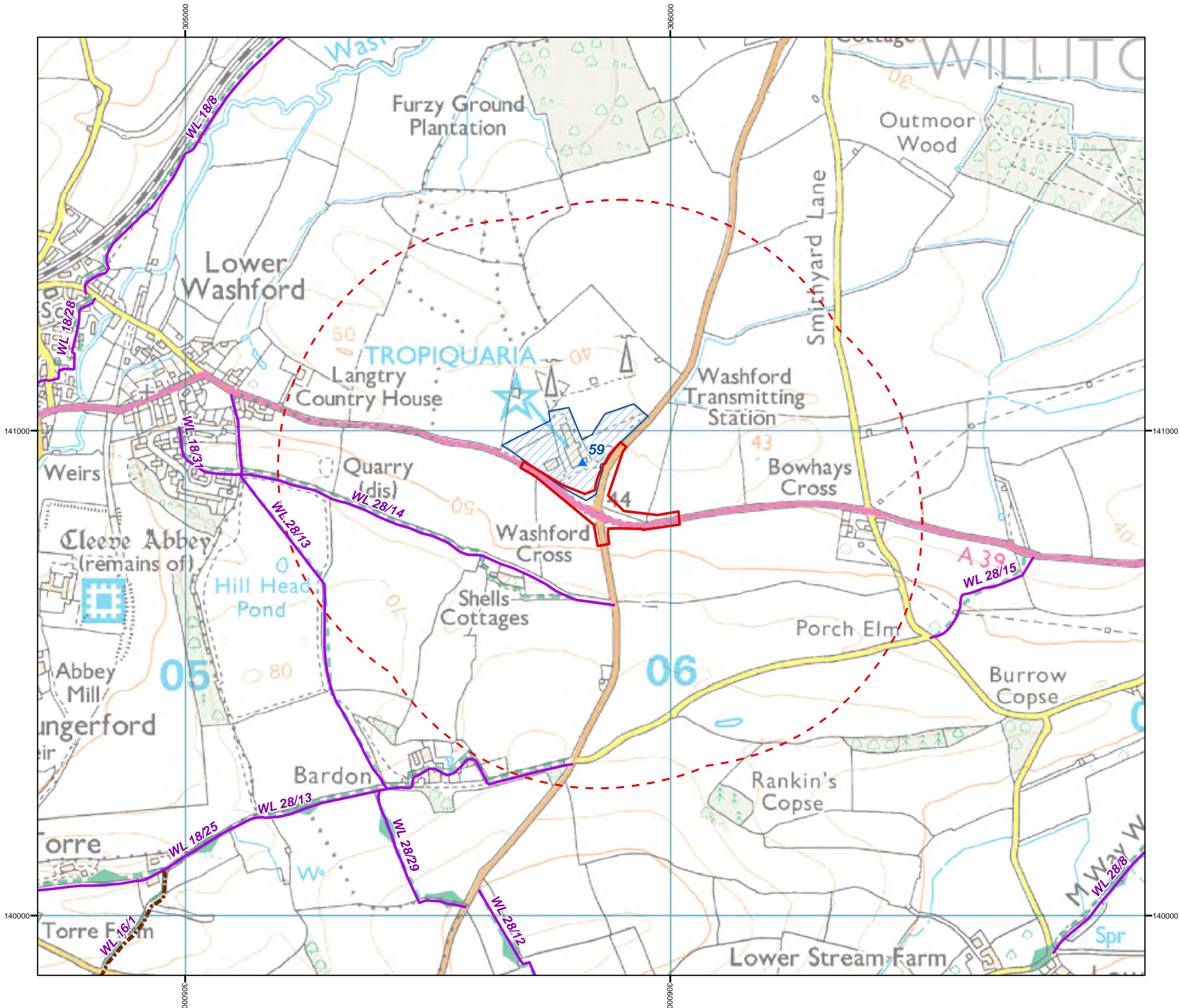


DOCUMENT:
HINKLEY POINT C PROJECT ENVIRONMENTAL STATEMENT VOLUME 2 CHAPTER 25

FIGURE TITLE:
EXTENT OF HIGHWAYS WORKS M5 JUNCTION 23

FIGURE NO: FIGURE 25.8	REVISION: 01
DATE: SEPT 2011	DRAWN: M.P
SCALE: 1:7,500 @ A3	





- KEY**
- EXTENT OF HIGHWAY WORKS
 - STUDY AREA
 - PUBLIC RIGHT OF WAY
 - BRIDLEWAY OR RESTRICTED BYWAY
 - APPROXIMATE EXTENT OF RECREATIONAL ASSET
 - ▲ RECREATIONAL ASSETS

UNIQUE ID	NAME
59	Tropiquaria Zoo



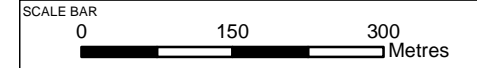
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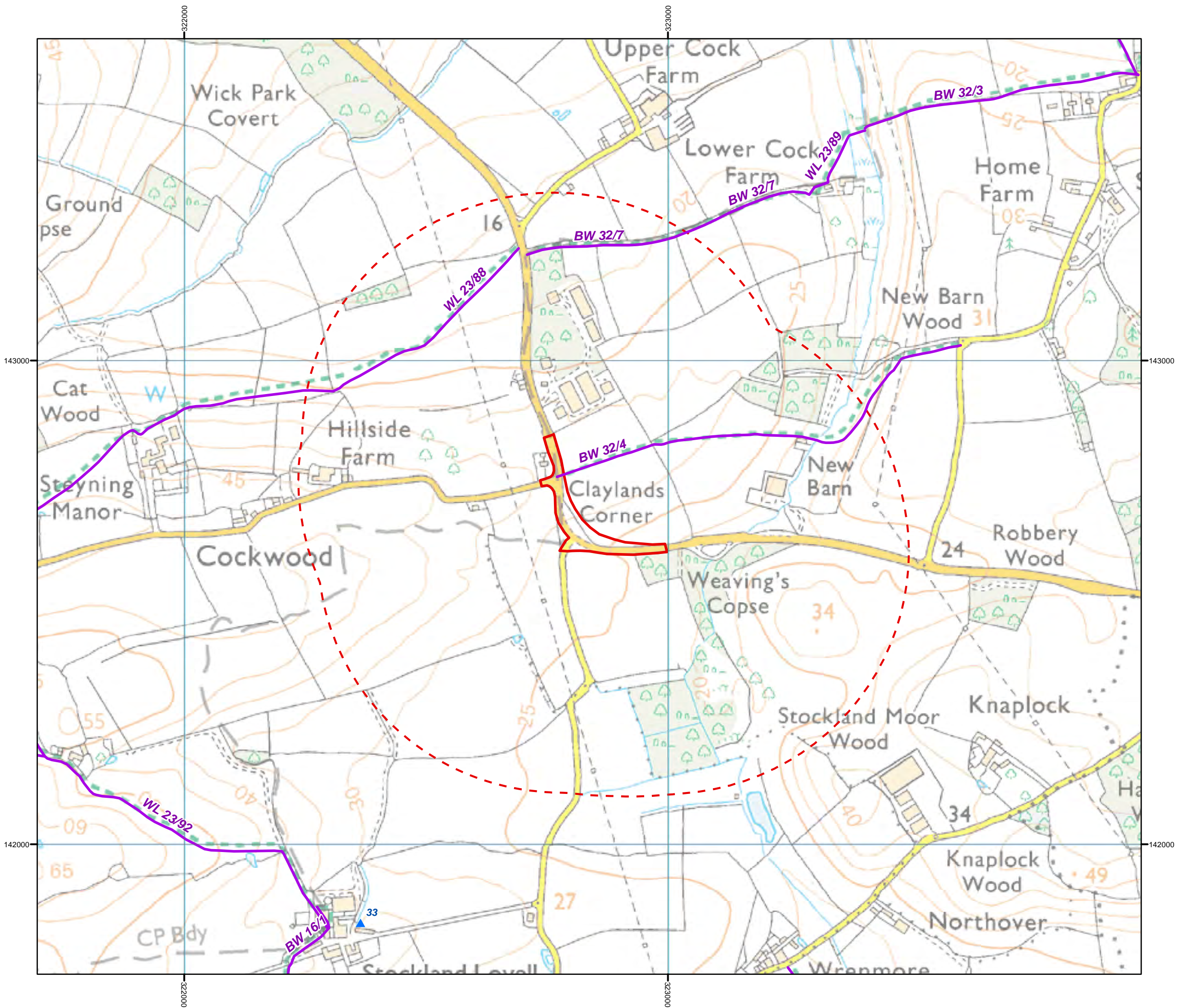


DOCUMENT:
HINKLEY POINT C PROJECT ENVIRONMENTAL STATEMENT VOLUME 2 CHAPTER 25

FIGURE TITLE:
EXTENT OF HIGHWAYS WORKS A39 / B3190 WASHFORD CROSS JUNCTION

FIGURE NO: **FIGURE 25.9** REVISION: **01**
 DATE: **SEPT 2011** DRAWN: **M.P** SCALE: **1:7,500 @ A3**





- KEY**
- EXTENT OF HIGHWAY WORKS
 - STUDY AREA
 - PUBLIC RIGHT OF WAY
 - APPROXIMATE EXTENT OF RECREATIONAL ASSET
 - ▲ RECREATIONAL ASSETS

UNIQUE ID	NAME
33	Stockland Lovell Manor Equestrian Centre



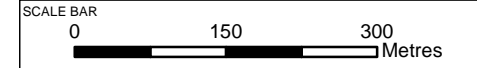
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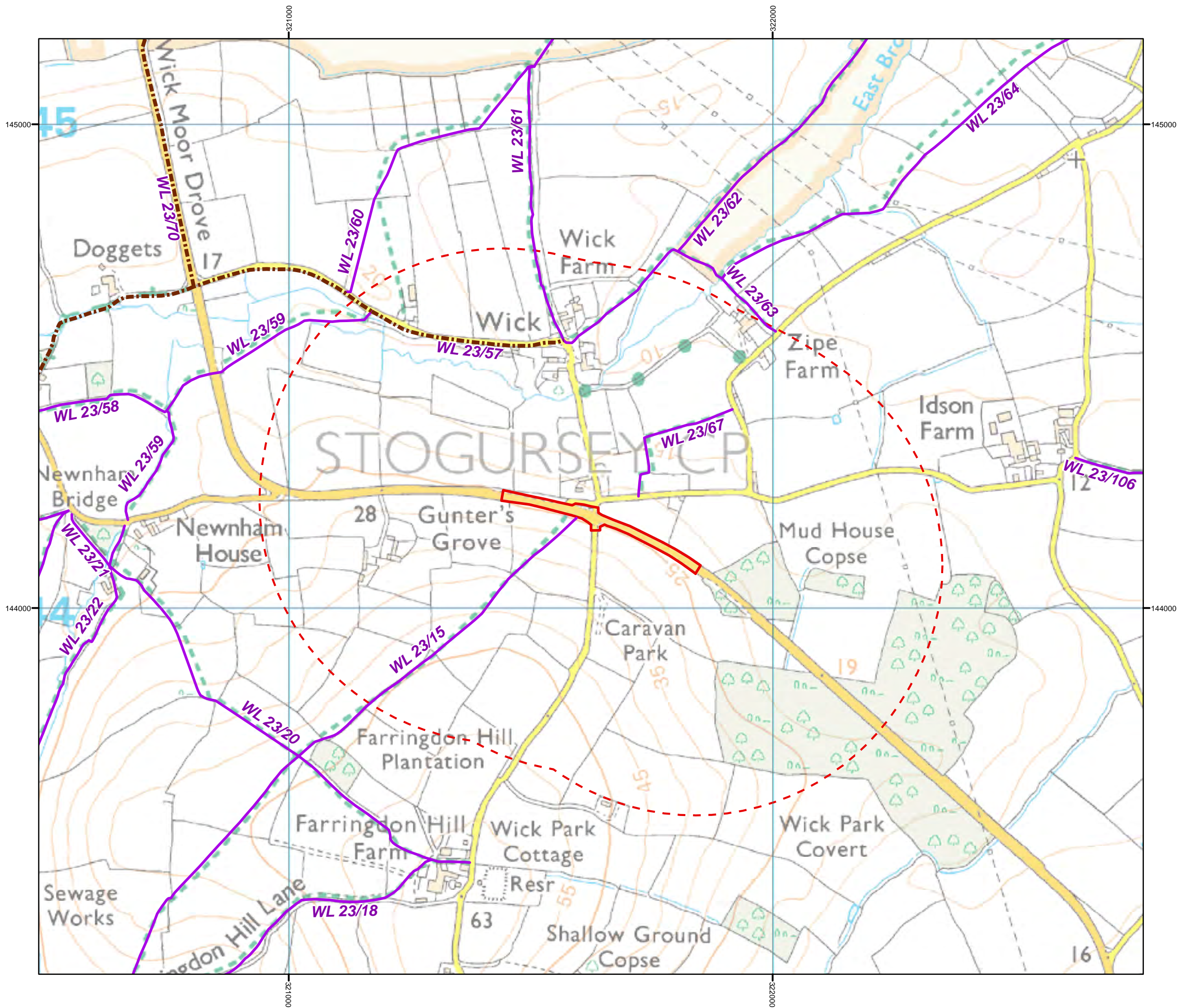


DOCUMENT:
**HINKLEY POINT C PROJECT
 ENVIRONMENTAL STATEMENT
 VOLUME 2 CHAPTER 25**

FIGURE TITLE:
**EXTENT OF HIGHWAYS WORKS
 C182 CLAYLANDS CORNER
 JUNCTION**

FIGURE NO: FIGURE 25.10	REVISION: 01
DATE: SEPT 2011	DRAWN: M.P
	SCALE: 1:7,500 @ A3





KEY

- EXTENT OF HIGHWAY WORKS
- STUDY AREA
- PUBLIC RIGHT OF WAY
- BRIDLEWAY OR RESTRICTED BYWAY



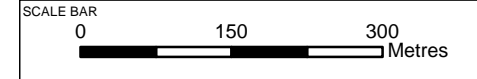
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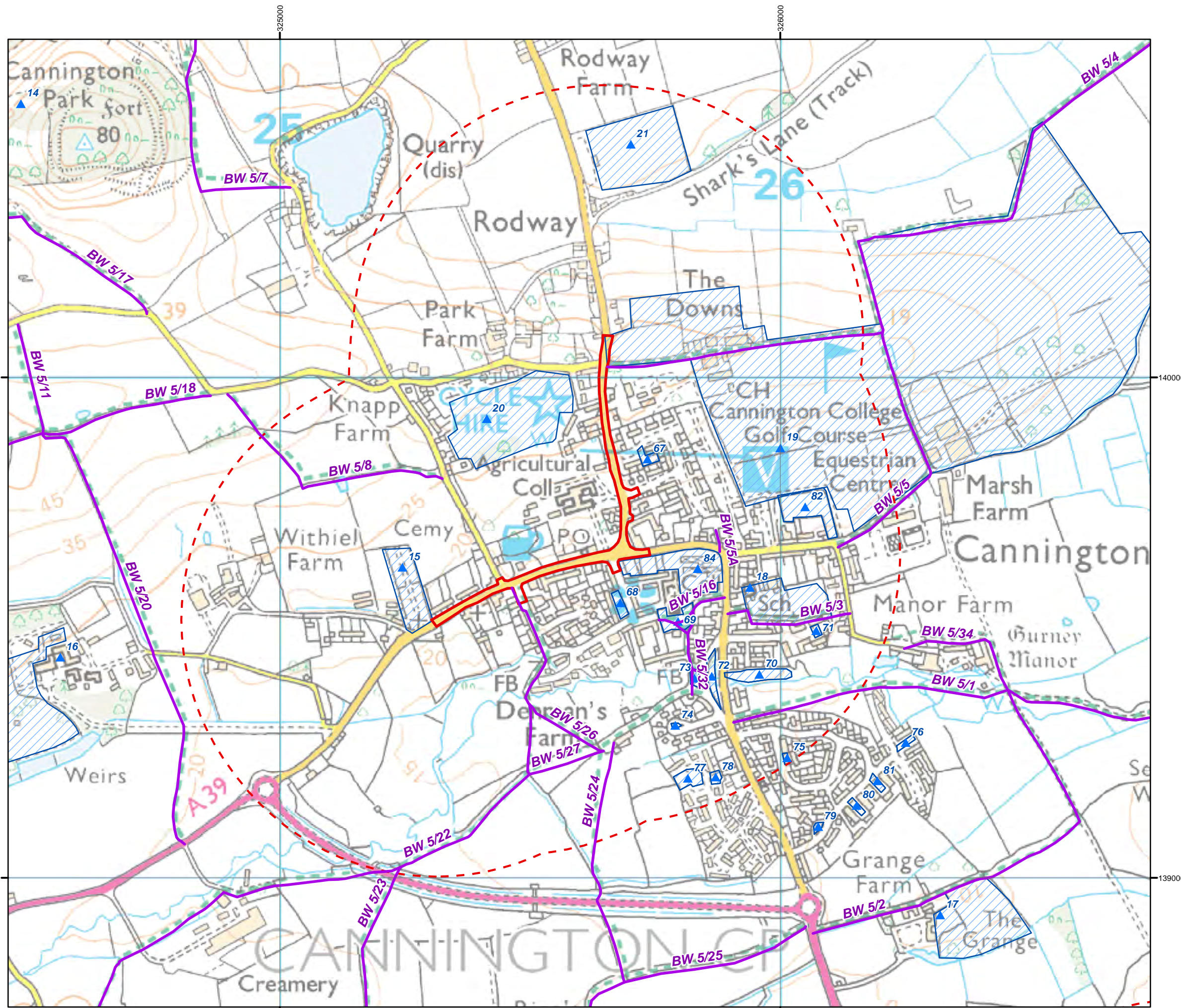


DOCUMENT:
**HINKLEY POINT C PROJECT
 ENVIRONMENTAL STATEMENT
 VOLUME 2 CHAPTER 25**

FIGURE TITLE:
**EXTENT OF HIGHWAYS WORKS
 C182 / FARRINGTON HILL LANE
 HORSE CROSSING**

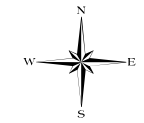
FIGURE NO: FIGURE 25.11	REVISION: 01
DATE: SEPT 2011	SCALE: 1:7,500 @ A3





- KEY**
- EXTENT OF HIGHWAY WORKS
 - STUDY AREA
 - PUBLIC RIGHT OF WAY
 - BRIDLEWAY OR RESTRICTED BYWAY
 - APPROXIMATE EXTENT OF RECREATIONAL ASSET
 - ▲ RECREATIONAL ASSETS

UNIQUE ID	NAME
14	Cannington Park
15	Cannington Cemetery
16	Brymore School
17	Cannington Grange
18	Cannington C of E Primary School
19	Golf Course & Equestrian Centre (Bridgwater College)
20	Playing Field (Bridgwater College)
21	Sports Pitch (Shark's Lane)
67	Folly Close Amenity Grassland
68	Church Street Amenity Grassland
69	St Mary the Virgin Churchyard
70	Cannington Bridge Children's Play Area
71	Duke Avenue Amenity Grassland
72	Brook Street Amenity Grassland
73	Denmans Lane Amenity Grassland
74	Teals Acre Amenity Grassland
75	Rydon Crescent Amenity Grassland
76	Southbrook Crescent Amenity Grassland
77	Oak Tree Way West Amenity Grassland
78	Oak Tree Way East Amenity Grassland
79	Southbrook Close Amenity Grassland
80	Lonsdale Road West Amenity Grassland
81	Lonsdale Road East Amenity Grassland
82	East Street Allotments
84	Cannington Walled Garden



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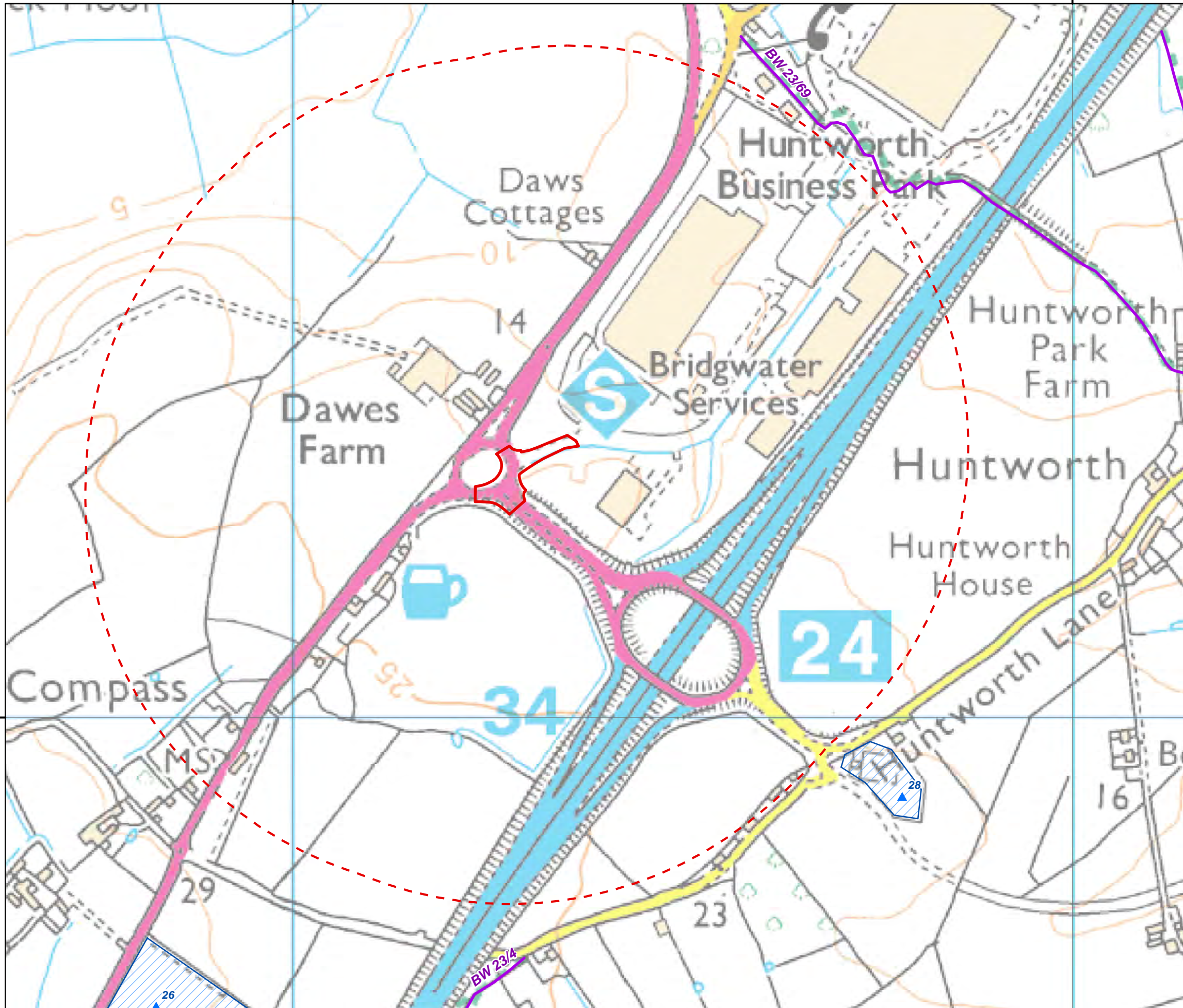


DOCUMENT:
HINKLEY POINT C PROJECT ENVIRONMENTAL STATEMENT VOLUME 2 CHAPTER 25

FIGURE TITLE:
EXTENT OF HIGHWAYS WORKS CANNINGTON TRAFFIC CALMING MEASURES

FIGURE NO: **FIGURE 25.12** REVISION: **01**
 DATE: **SEPT 2011** DRAWN: **M.P** SCALE: **1:7,500 @ A3**

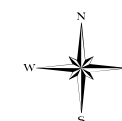




KEY

- EXTENT OF HIGHWAY WORKS
- STUDY AREA
- PUBLIC RIGHT OF WAY
- APPROXIMATE EXTENT OF RECREATIONAL ASSET
- RECREATIONAL ASSETS

UNIQUE ID	NAME
26	North Petherton Cricket and Bowls Club
28	Bridgwater Lawn Tennis Club



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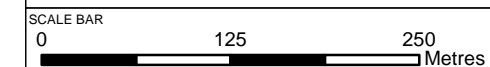


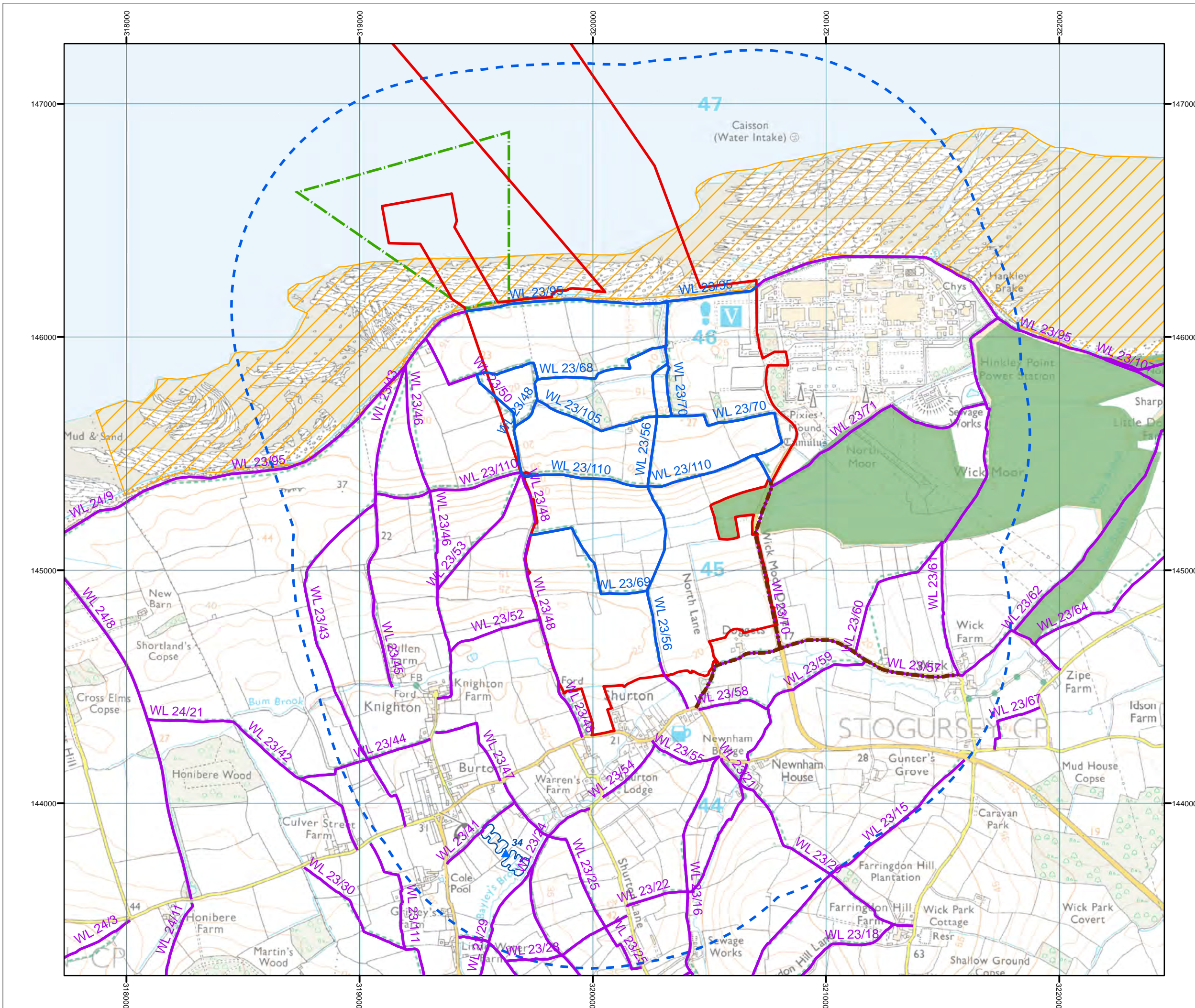
DOCUMENT:
**HINKLEY POINT C PROJECT
 ENVIRONMENTAL STATEMENT
 VOLUME 2 CHAPTER 25**

FIGURE TITLE:
**EXTENT OF HIGHWAYS WORKS
 HUNTWORTH ROUNDABOUT**

FIGURE NO: **FIGURE 25.13** REVISION:

DATE: **SEPT 2011** DRAWN: **M.P** SCALE: **1:5,000 @A3**

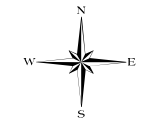




KEY

- HPC DEVELOPMENT SITE BOUNDARY
- STUDY AREA
- TEMPORARY JETTY SEAWARD HARBOUR LIMITS
- PRoW CLOSURES DURING CONSTRUCTION
- PUBLIC RIGHT OF WAY
- BRIDLEWAY OR RESTRICTED BYWAY
- EXCEPTED AREA FOR WILDFOWLING
- COMMON LAND
- APPROXIMATE EXTENT OF RECREATIONAL ASSET
- ▲ RECREATIONAL ASSETS

UNIQUE ID\NAME
34\Fishing Lakes



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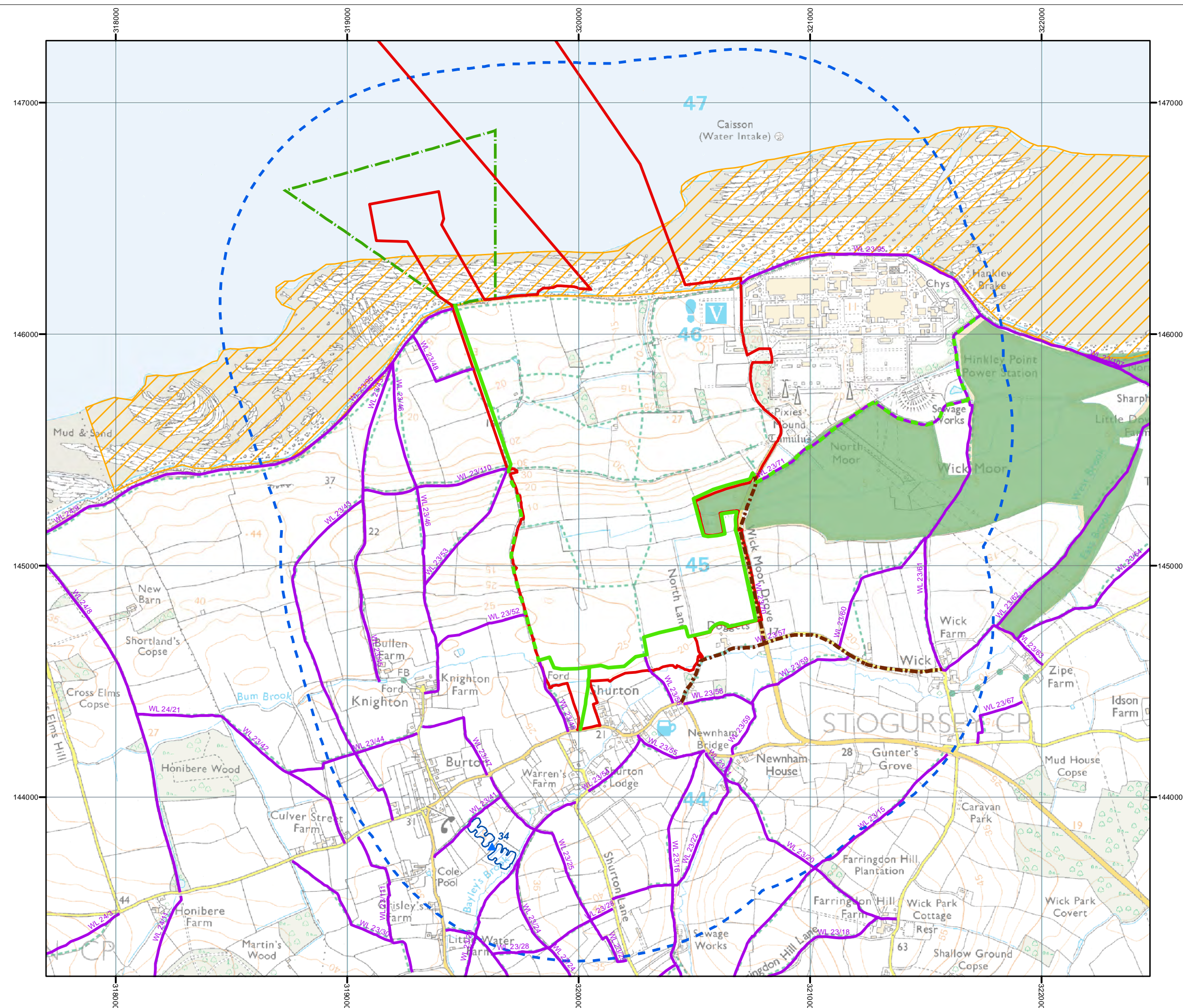


DOCUMENT:
HINKLEY POINT C PROJECT ENVIRONMENTAL STATEMENT VOLUME 2 CHAPTER 25

FIGURE TITLE:
PRoW CLOSURES ON COMMENCEMENT OF CONSTRUCTION

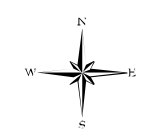
FIGURE NO: FIGURE 25.14	REVISION: 01
DATE: SEPT 2011	DRAWN: M.P
SCALE: 1:15,500 @ A3	





- KEY**
- HPC DEVELOPMENT SITE BOUNDARY
 - STUDY AREA
 - TEMPORARY JETTY SEAWARD HARBOUR LIMITS
 - PUBLIC RIGHT OF WAY
 - DIVERSION ROUTE
 - EXISTING PRoW USED AS PART OF DIVERSION ROUTE
 - BRIDLEWAY OR RESTRICTED BYWAY
 - EXCEPTED AREA FOR WILDFOWLING
 - COMMON LAND
 - APPROXIMATE EXTENT OF RECREATIONAL ASSET
 - ▲ RECREATIONAL ASSETS

UNIQUE ID	NAME
34	Fishing Lakes



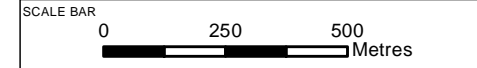
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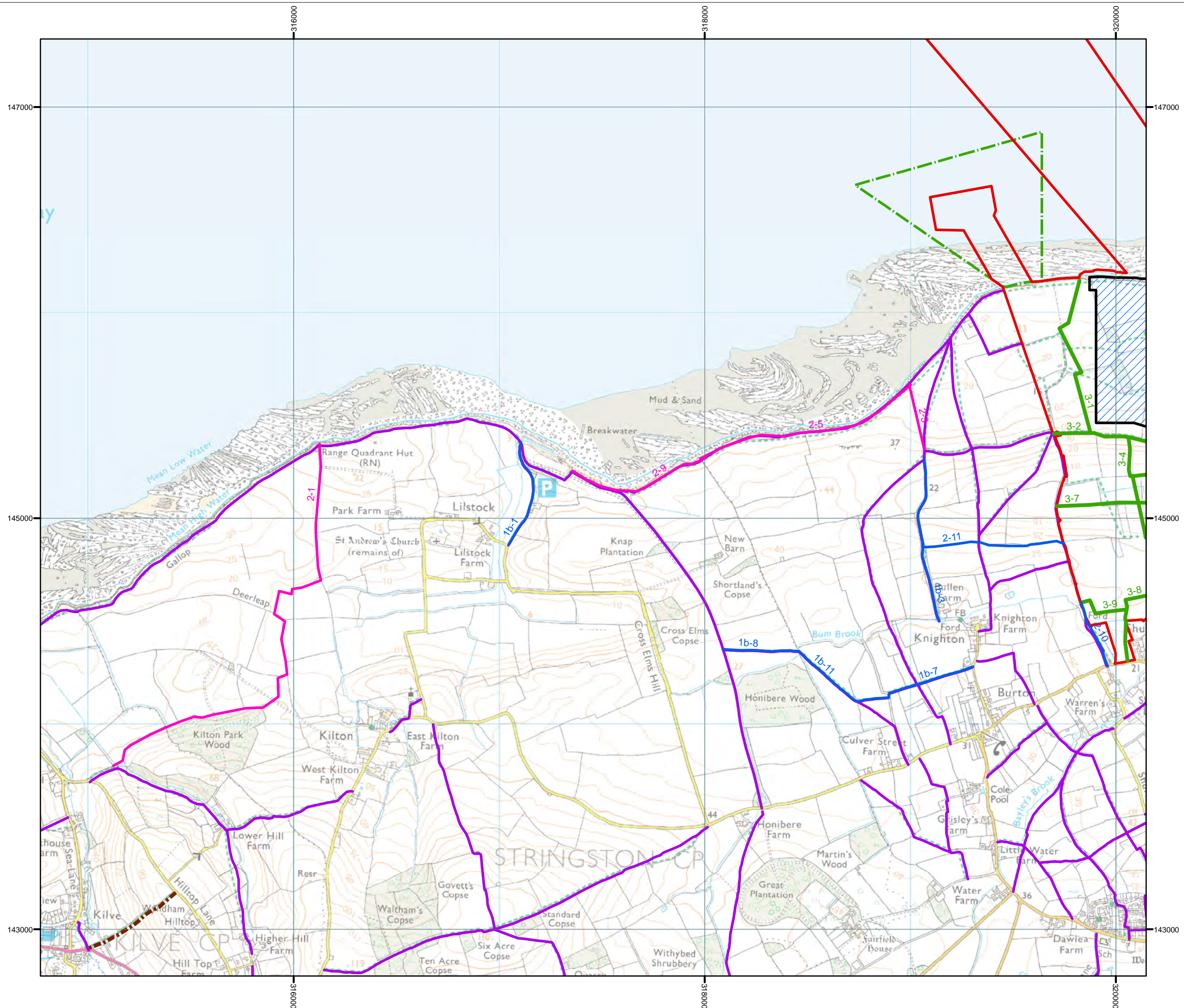


DOCUMENT:
HINKLEY POINT C PROJECT ENVIRONMENTAL STATEMENT VOLUME 2 CHAPTER 25

FIGURE TITLE:
INDICATIVE PRoW FOR CONSTRUCTION PHASE

FIGURE NO: FIGURE 25.16	REVISION: 01
DATE: SEPT 2011	SCALE: 1:15,500 @ A3





- KEY**
- HPC DEVELOPMENT SITE BOUNDARY
 - PERMANENT HPC DEVELOPMENT SITE BOUNDARY
 - TEMPORARY JETTY SEAWARD HARBOUR LIMITS
 - PUBLIC RIGHT OF WAY
- PUBLIC RIGHT OF WAY ACTION**
- PRIORITY ENHANCEMENT ACTIONS FOLLOWING COMMENCEMENT OF CONSTRUCTION
 - ENHANCEMENT ACTIONS FOLLOWING COMMENCEMENT OF CONSTRUCTION
 - MITIGATION MEASURES CARRIED OUT AT THE END OF CONSTRUCTION



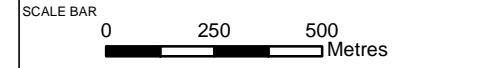
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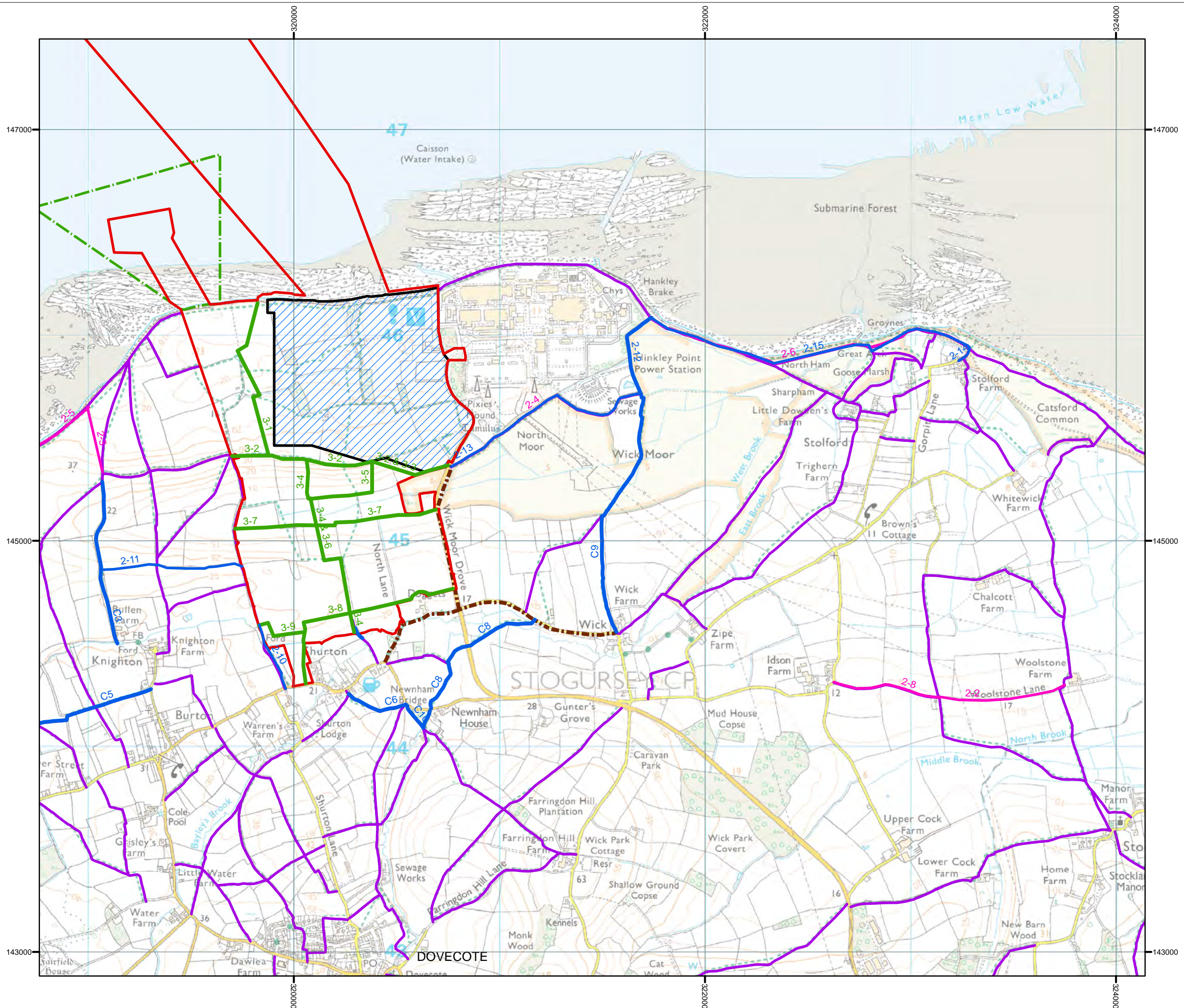


DOCUMENT:
HINKLEY POINT C PROJECT ENVIRONMENTAL STATEMENT VOLUME 2 CHAPTER 25

FIGURE TITLE:
PRoW ENHANCEMENT ACTIONS 1 OF 2

FIGURE NO: FIGURE 25.17	REVISION: 01
DATE: SEPT 2011	DRAWN: SCALE: M.P 1:17,500 @ A3





- KEY**
- HPC DEVELOPMENT SITE BOUNDARY
 - PERMANENT DEVELOPMENT SITE BOUNDARY
 - TEMPORARY JETTY SEAWARD HARBOUR LIMITS
 - PUBLIC RIGHT OF WAY
 - BRIDLEWAY OR RESTRICTED BYWAY
- PUBLIC RIGHT OF WAY ACTION**
- PRIORITY ENHANCEMENT ACTIONS FOLLOWING COMMENCEMENT OF CONSTRUCTION
 - ENHANCEMENT ACTIONS FOLLOWING COMMENCEMENT OF CONSTRUCTION
 - MITIGATION MEASURES CARRIED OUT AT THE END OF CONSTRUCTION



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FIGURE TITLE:
PRoW ENHANCEMENT ACTIONS 2 OF 2

FIGURE NO: FIGURE 25.18	REVISION: 01
DATE: SEPT 2011	DRAWN: SCALE: M.P 1:17,500 @ A3

