

- Key
- Permit boundary
 - Areas of Outstanding Natural Beauty © Natural England
 - Ramsar © Natural England
 - Sites of Special Scientific Interest (SSSI) © Natural England
 - Special Areas of Conservation © Natural England
 - Special Protection Areas © Natural England
 - Country Wildlife Sites (CWS)
 - Human Receptors

UK PROTECTIVE MARKING:
 NOT PROTECTIVELY MARKED

0 1 2 km

Scale at A3: 1:50,000
 OS Open Background: Contains OS data © Crown Copyright and database right 2020



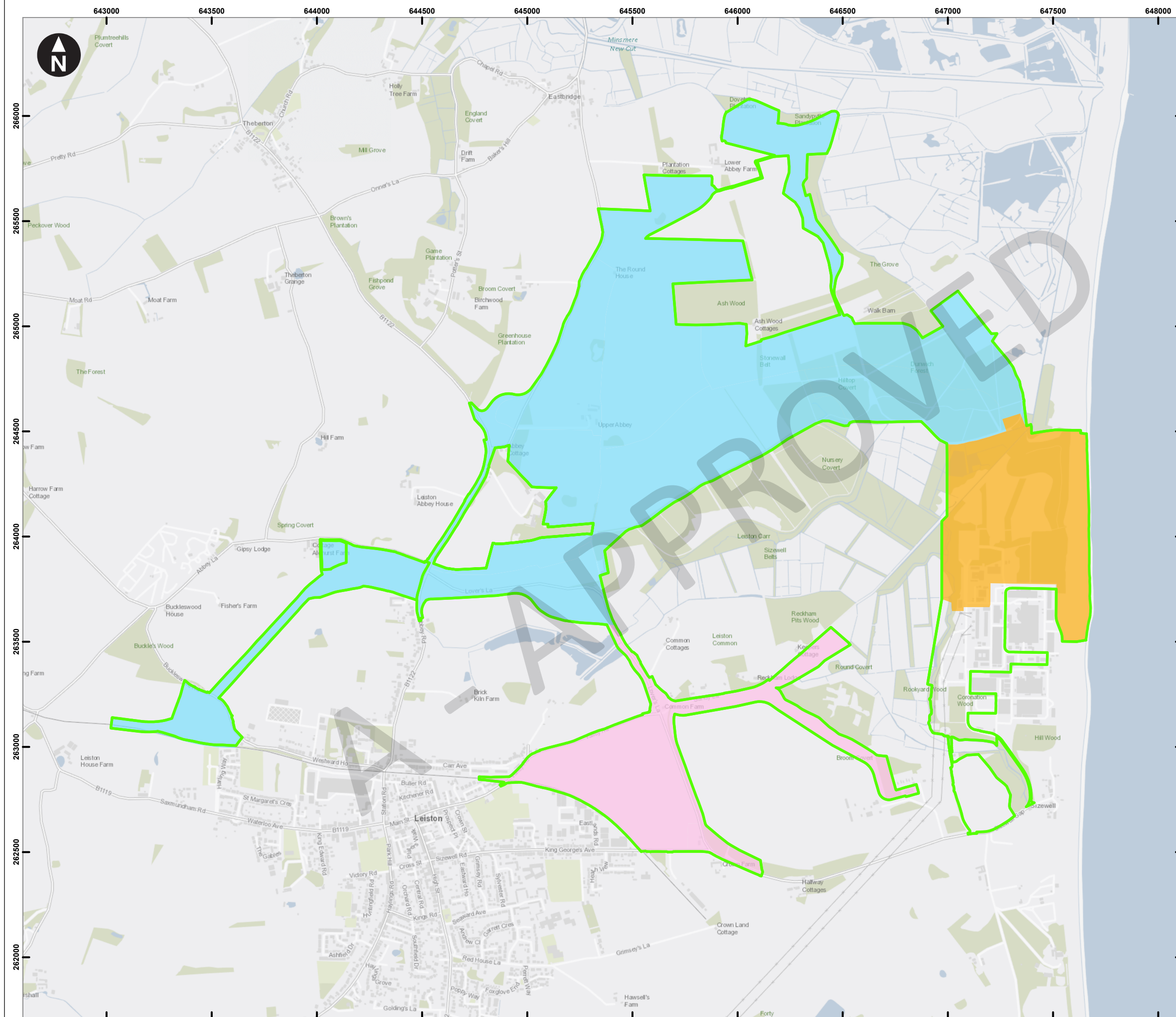
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Figure 1: Site location plan



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Key

- Permit boundary
- ACA
- TCA
- MCA

UK PROTECTIVE MARKING:
NOT PROTECTIVELY MARKED

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Scale at A3: 1:17,500
OS Open Background: Contains OS data © Crown Copyright and database right 2020

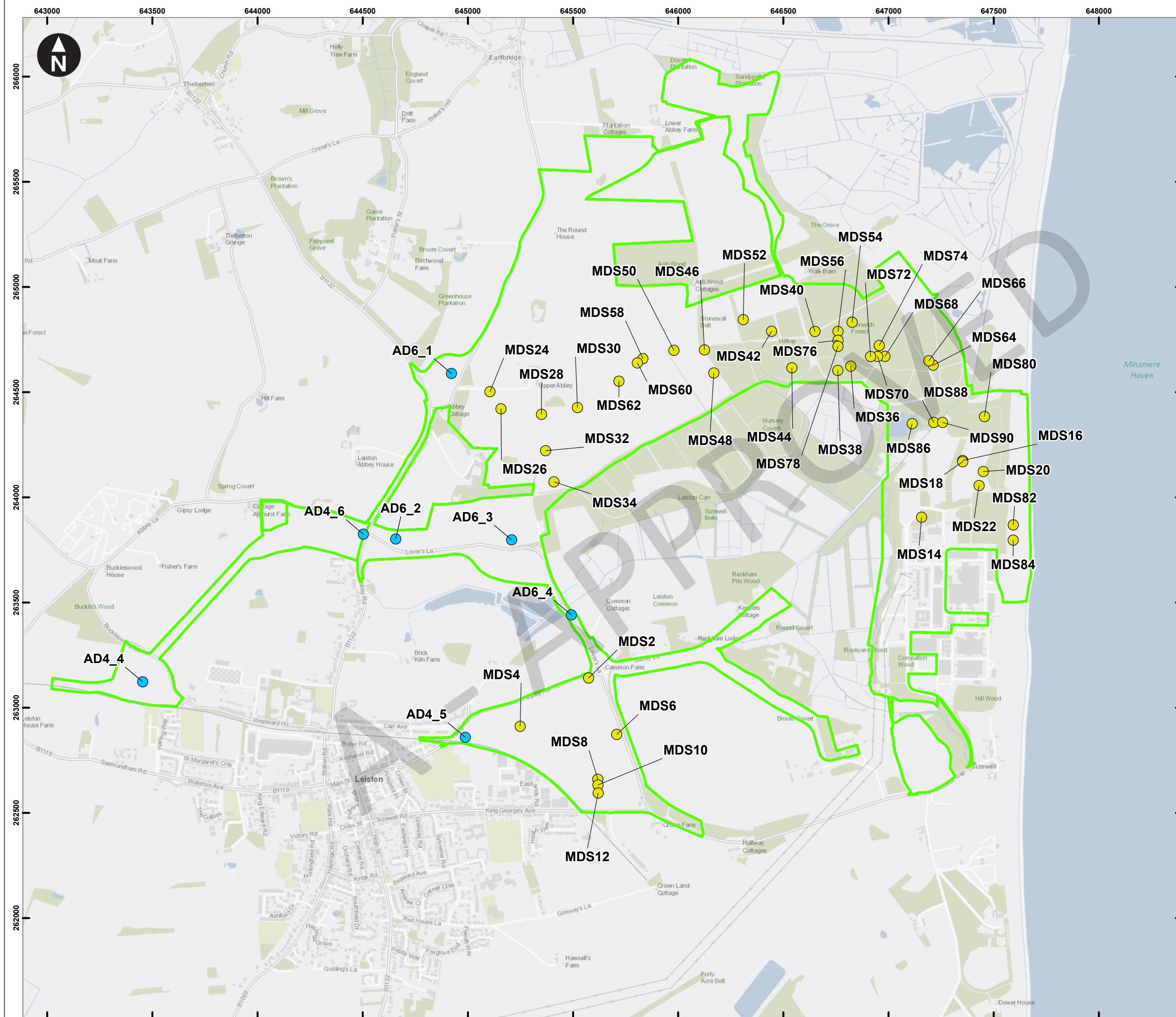
Client

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Figure 2: Site boundary and site zones

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Key

- Permit boundary
- Package substations
- Associated developments

UK PROTECTIVE MARKING:
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Scale at A3: 1:17,500
OS Open Background: Contains OS data © Crown Copyright and database right 2020

Client

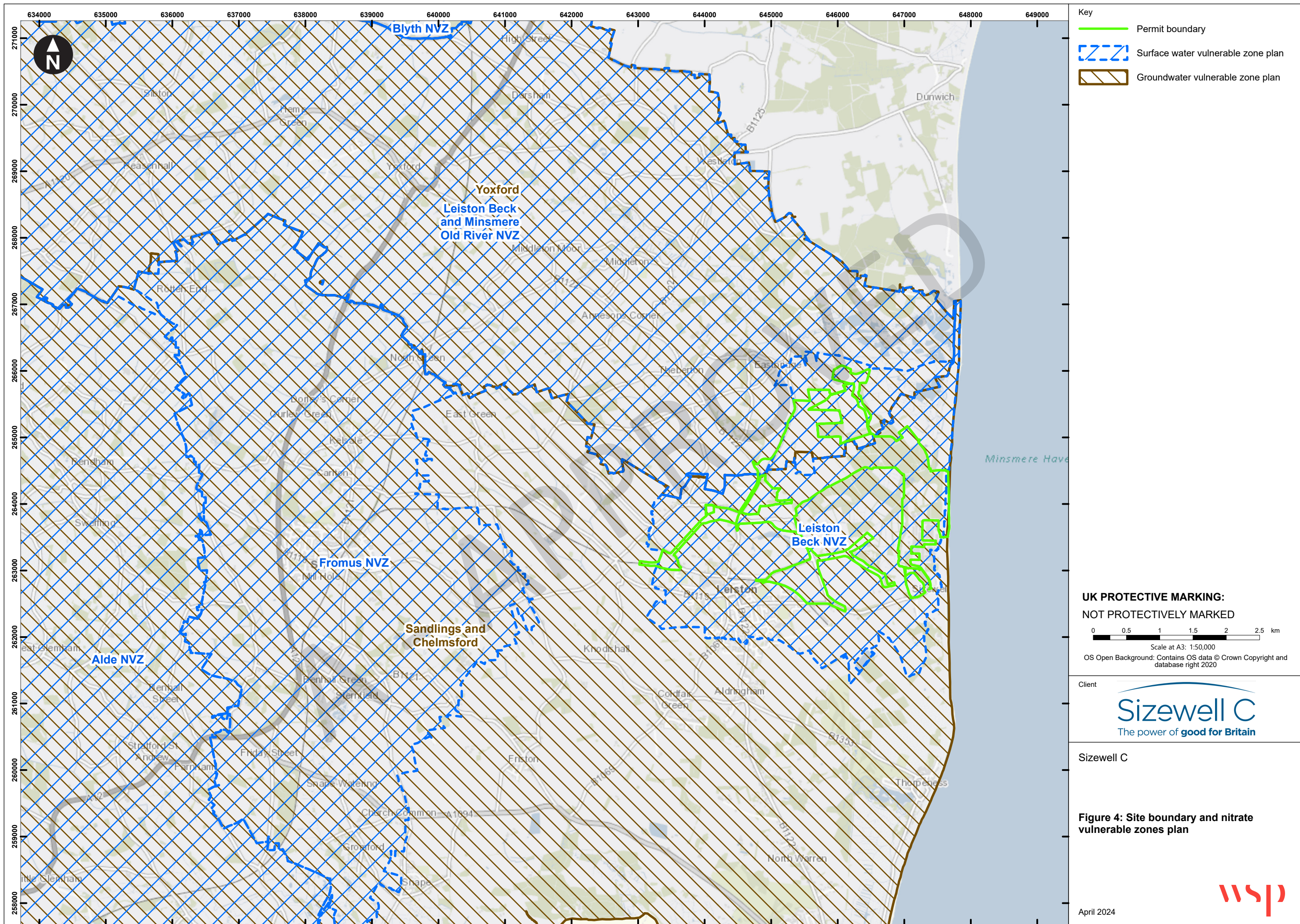
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Figure 3: Emission point plan

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UK PROTECTIVE MARKING:
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Scale at A3: 1:50,000
 OS Open Background: Contains OS data © Crown Copyright and database right 2020

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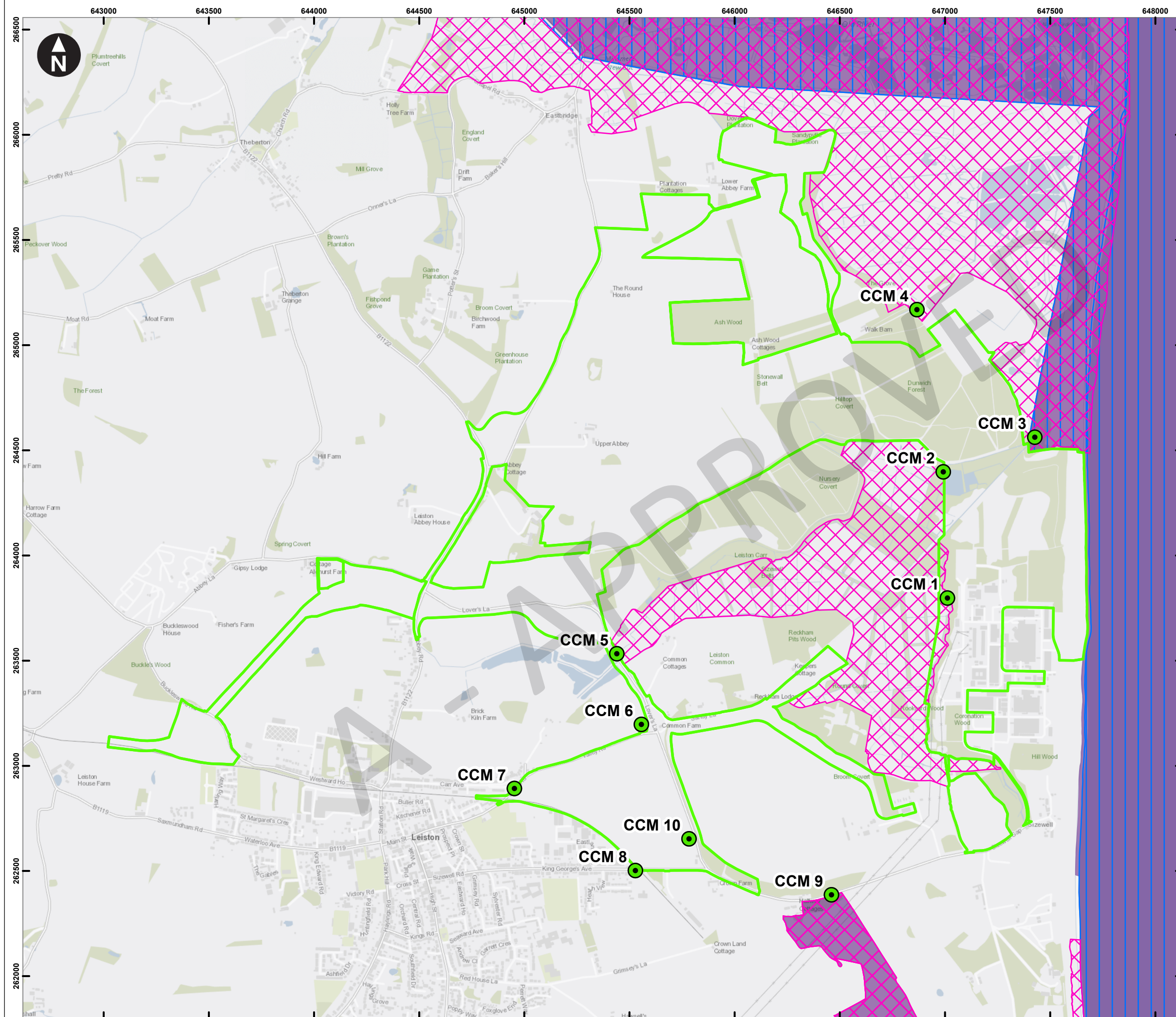
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Figure 4: Site boundary and nitrate vulnerable zones plan




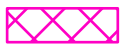

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Key

-  Permit boundary
-  Special Protection Areas © Natural England
-  Special Areas of Conservation © Natural England
-  Sites of Special Scientific Interest (SSSI) © Natural England
-  Proposed Construction Combustion Monitoring

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Scale at A3: 1:17,500
OS Open Background: Contains OS data © Crown Copyright and database right 2020

Client



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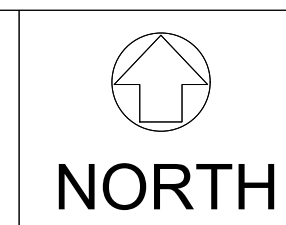
Figure 5: Proposed Air Quality Monitoring locations

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NOTES:

- DO NOT SCALE FROM THIS DRAWING.
- ALL LEVELS ARE IN METRES ABOVE ORDNANCE DATUM (mAOD) UNLESS NOTED OTHERWISE.
- ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE.
- THE DETAILED ALIGNMENTS OF THE PIPEWORK BETWEEN THE WMZ AND OUTFALL POINTS ARE SUBJECT TO CONFIRMATION DURING DETAILED DESIGN.
- DRAWING PURPOSE TO PROVIDE INFORMATION TO THE SZC PERMITTING TEAM AND REGULATORS, NOT TO BE USED FOR CONSTRUCTION.



UK PROTECTIVE MARKING:
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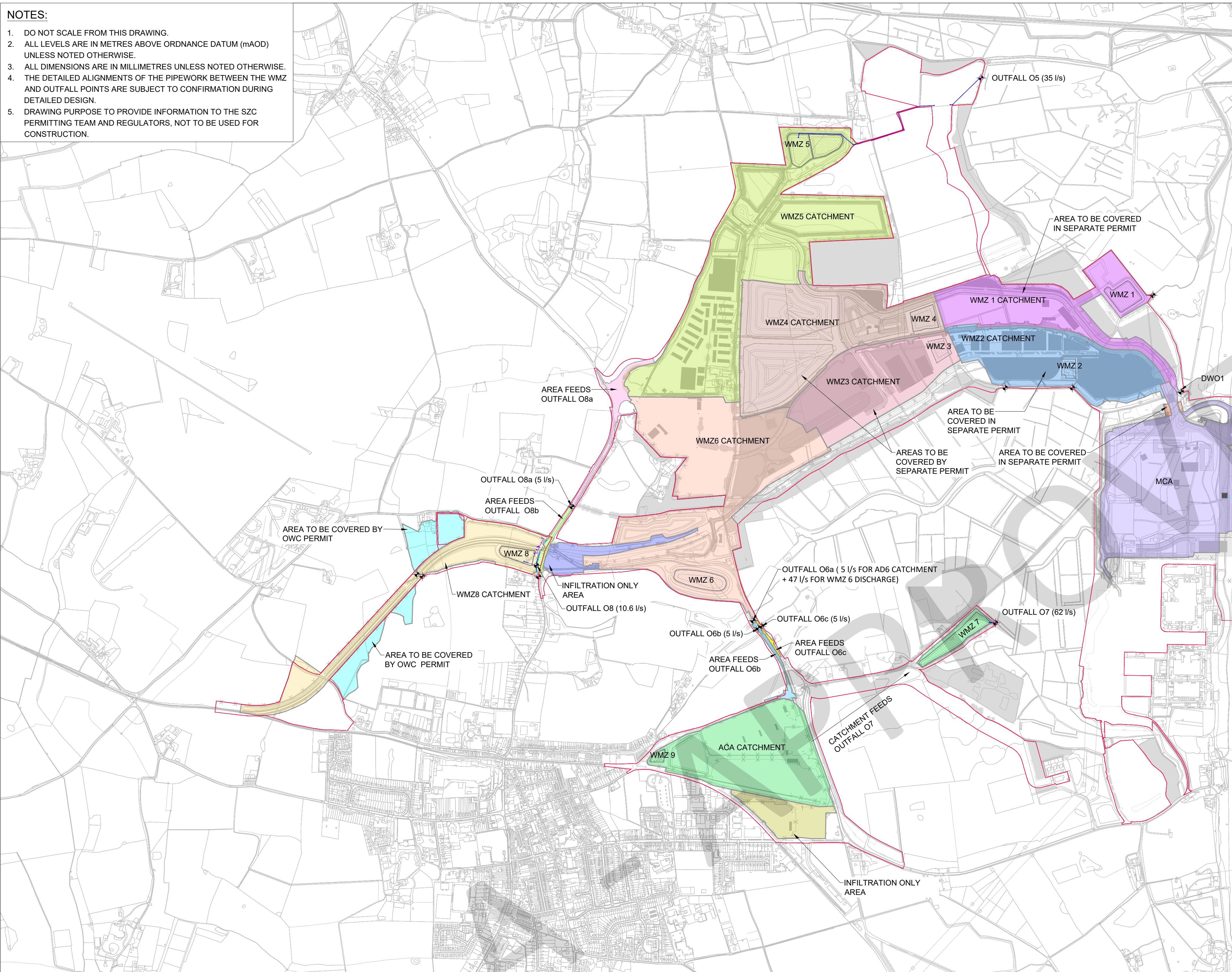
DRAWING GRID / COORDINATE SYSTEM:

SITE LOCAL GRID NATIONAL GRID OSGB36

OTHER GRID (To be defined in the contract project plan)

CONTRACT PROJECT PLAN DOC. REF. No: N/A

KEYPLAN:
NOT TO SCALE



SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION

In addition to the hazards/risks normally associated with the types of work detailed on this drawing, note the following:

- CONSTRUCTION**
- * DROWNING - WORKING CLOSE TO WATERCOURSES AND MARSHY AREAS SUBJECT TO PERIODIC FLOODING.
 - * CONTACT WITH HAZARDOUS FLOWS (E.G. WEIL'S DISEASE).
 - * CONTAMINATION OF THE SSSI SIZEWELL MARSHES.
 - * WATERCOURSE BANK COLLAPSE DUE TO SLOPE INSTABILITY.
 - * WORKING AT HEIGHT ALONGSIDE WATERCOURSE BANKS.
 - * CONTAMINATION FROM UNTREATED CONTAMINATED SPILL (FUEL, FOUL, CONCRETE ETC).
 - * DRAWING NOT TO BE USED FOR CONSTRUCTION PURPOSES.

- MAINTENANCE/CLEANING**
- * WORKING AT HEIGHT IN THE SAMPLING POINT/CATCHPIT.
 - * CONSTRUCTION RISKS ASSOCIATED WITH THE WATERCOURSE ARE ALSO RELEVANT DURING MAINTENANCE/ CLEANING OF THE HEADWALLS.

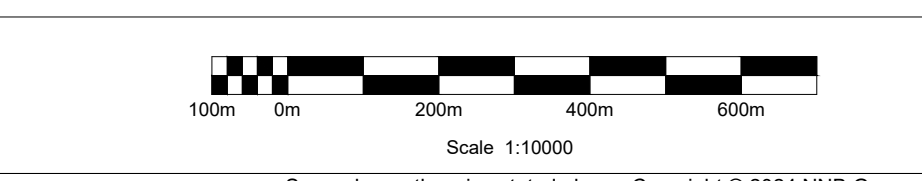
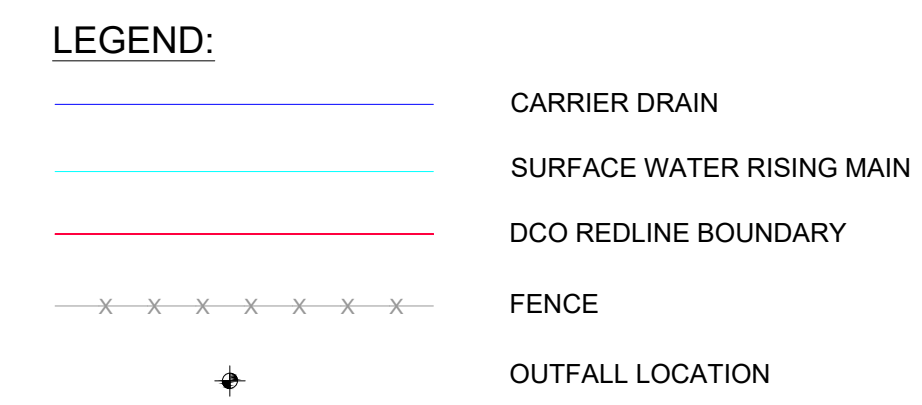
DECOMMISSIONING/DEMOLITION

* SEE CONSTRUCTION AND MAINTENANCE NOTES ABOVE.

The above risks are listed in the Design Risk Register reference SZC-EW0000-ATK-XX-000-XXXXX-REG-CIV-000009

It is assumed that all works will be carried out by a competent contractor working, where appropriate, to an approved method statement

OUTFALL DETAILS				
OUTFALL ID	OUTFALL DESCRIPTION	OUTFALL NATIONAL GRID REFERENCE	CATCHMENT AREA SERVED (ha)	MAX. FLOW RATE (l/s)
EO1	HEADWALL TO NORTH SEA SHORELINE	TM 47853 64054	MCA (36.18)	200
O5	HEADWALL TO EXISTING TRIBUTARY OF IDB DRAIN	TM 46463 65940	WMZ 5 (51.25)	35 (EARLY) 31 (LATE)
O6a	HEADWALL TO EXISTING LEISTON DRAIN	TM 45443 63501	WMZ 6 (46.19)	5 FOR AD6 CATCHMENT + 47 FOR WMZ 6 DISCHARGE
O6b	HEADWALL TO EXISTING LEISTON DRAIN	TM 45442 63495	WESTERN SIDE OF LOVER'S LANE	5
O6c	HEADWALL TO EXISTING LEISTON DRAIN	TM 45474 63488	EASTERN SIDE OF LOVER'S LANE	5
O7	HEADWALL TO EXISTING TRIBUTARY OF THE SIZEWELL DRAIN	TM 46528 63491	WMZ 7 (25.86)	62 (EARLY) 62 (LATE)
O8	HEADWALL TO REALIGNED TRIBUTARY OF LEISTON DRAIN	TM 44465 63749	WMZ 8 (GREEN RAIL ROUTE AREA) (14.76)	10.6
O8a	HEADWALL TO EXISTING TRIBUTARY LEISTON DRAIN	TM 44625 64013	ABBEY ROAD (2.39)	5
DWO1	OUTFALL TO EXISTING LEISTON DRAIN	TM 47361 64528	SSSI FOUNDATION DEWATERING	100



REV.	DATE	PREPARED BY	CHECKED BY	STATUS	REVISIONS	APPROVED BY
P01	26/02/24	SN	RD	P1	First Revision	SF

CONTRACTOR COMPANY TRADE NAME : AtkinsRéalis

CONTRACTOR REF. No. SZC-EW0921-ATK-XX-WSO-XXXXXX-DRW-CIV-900003

CONTRACT NUMBER : Early Works EWXXXX_098_01

CONTRACTOR WBS CODE : EW0921

QRA RELATED Yes No

APPLICABILITY:
1: Document related to Unit 1
2: Document related to Unit 2
9: Document that applies to buildings/systems common to Unit 1 & 2
0: Documents that relate exclusively to buildings or systems that are common to the whole site (e.g. parking, ancillary buildings...)

NUCL/REP/EPR/UKX	
SZC (doc: SZ)	
0 1 2 9	
X	

BUILDING N/A
SYSTEM WSO

SCALE 1:10000

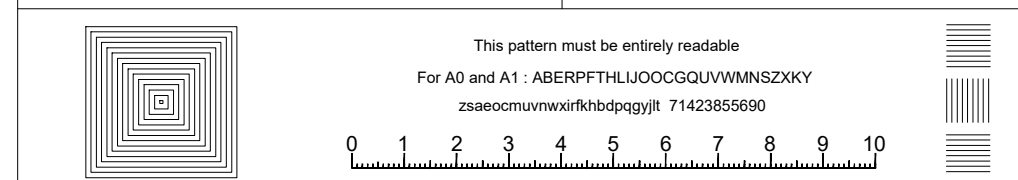
DESCRIPTION CWDA18 Outfalls Arrangement

SIZE A1

PAGE 1/1

TEAMCENTER DOCUMENT REFERENCE No. 10121481

DOCUMENT SUB -TYPE N/A	EDF CLASSIFICATION CODE N/A
SUBCONTRACTOR COMPANY TRADE NAME N/A	SUBCONTRACTOR DOCUMENT REF. No 5213850-SNC-XX-XX-DDRW-X-900022



INTELLECTUAL PROPERTY OWNERSHIP: N/A	NNB: N/A	EDF: N/A	CONTRACTOR: N/A
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UK PROTECTIVE MARKING:
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