NOTES:

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

NORTH

OUTFALL O5 (35 l/s)
WMZ 5
WMZ5 CATCHMENT
AREA TO BE COVERED IN SEPARATE PERMIT
WMZ 1 CATCHMENT
WMZ 1
WMZ4 CATCHMENT
WMZ 4
WMZ2 CATCHMENT
WMZ 3
WMZ 2
WMZ3 CATCHMENT
DWO1
AREA FEEDS OUTFALL O8a
AREA TO BE COVERED IN SEPARATE PERMIT
WMZ6 CATCHMENT
AREAS TO BE COVERED BY SEPARATE PERMIT
AREA TO BE COVERED IN SEPARATE PERMIT
MCA
MCA OUTFALL EO1 (200 l/s)
OUTFALL O8a (5 l/s)
AREA FEEDS OUTFALL O8b
AREA TO BE COVERED BY OWC PERMIT
WMZ 8
WMZ 6
OUTFALL O6a (5 l/s FOR AD6 CATCHMENT + 47 l/s FOR WMZ 6 DISCHARGE)
INFILTRATION ONLY AREA
WMZ8 CATCHMENT
OUTFALL O8 (10.6 l/s)
OUTFALL O6c (5 l/s)
OUTFALL O7 (62 l/s)
OUTFALL O6b (5 l/s)
WMZ 7
AREA FEEDS OUTFALL O6c
AREA FEEDS OUTFALL O6b
AREA TO BE COVERED BY OWC PERMIT
CATCHMENT FEEDS OUTFALL O7
WMZ 9
AOA CATCHMENT
INFILTRATION ONLY AREA

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 47653 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

LEGEND:

- CARRIER DRAIN
- SURFACE WATER RISING MAIN
- DCO REDLINE BOUNDARY
- FENCE
- OUTFALL LOCATION

100m 0m 200m 400m 600m
Scale 1:10000

UK PROTECTIVE MARKING:
NOT PROTECTIVELY MARKED

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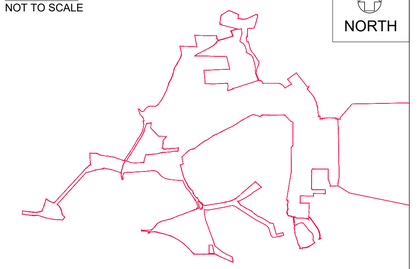
DRAWING GRID / COORDINATE SYSTEM:

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-XXXXXX-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

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

NNB GenCo (SZC) LTD.
1st partner: Sizewell C The power of good for Britain
2nd partner: AtkinsRéalis

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
SIZE A1
PAGE 1/1

DESCRIPTION
CWDA18 Outfalls Arrangement

TEAMCENTER DOCUMENT REFERENCE No.
101211481

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

This pattern must be entirely readable
For A0 and A1 : ABERPFTHLUOCGQUVWMNSZKKY
zsaeocmvumxxirfkhbdpqgyjlt 7142855690
0 1 2 3 4 5 6 7 8 9 10

INTELLECTUAL PROPERTY OWNERSHIP:	NNB:	EDF:	CONTRACTOR:
	N/A	N/A	N/A

UK PROTECTIVE MARKING:
NOT PROTECTIVELY MARKED

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