



The Sizewell C Project

10.19 Main Development Site - Operational Siting and Height Parameters

May 2026

Planning Act 2008
Infrastructure Planning (Applications: Prescribed Forms and Procedure) Regulations 2009

Revision: 2.0
Applicable Regulation: Regulation 5(2)(q)
PINS Reference Number: EN010012



Table 2.1: Parameters for buildings, plant and structures on the main platform

Building/structure details	Maximum height (mAOD)
Parameter Zone 1A-1 (nuclear islands)	
Fuel building x 2 (Work No. 1A(a)(ii))	47
Fuel building hall x2 (Work No.1 1A(a)(iii))	27
Boron storage building x 2 (Work No. 1A(a)(iv))	27
Safeguard building x 8 (Work No. 1A(a)(v))	50
Nuclear auxiliary building x 2* (Work No. 1A(a)(vi))	47
Access tower x 2 (Work No. 1A(a)(viii))	37
Radioactive waste storage building x 1 (Work No. 1A(a)(ix))	27
Radioactive waste process building x 1 (Work No. 1A(a)(x))	27
Radioactive waste treatment building x 1 (Work No. 1A(a)(xi))	27
Hot laundry building x 1 (Work No. 1A(a)(xiii))	27
Hot workshop, hot warehouse, facilities for decontamination x 1 (Work No. 1A(a)(xiii))	27
Effluent tanks and refuelling water tanks x 1 (Work No. 1A(a)(xiv))	27
Emergency diesel generator building x 4* (Work No. 1A(a)(xv))	39
Cooling water discharge weir building (type 1) x 2 (Work No. 1A(a)(xvi))	27
Cooling water discharge weir building (type 2) x 2 (Work No. 1A(a)(xvii))	27
Parameter Zone 1A-2 (reactor buildings)	
Reactor building x 2 (Work No. 1A(a)(i))	72
Parameter Zone 1A-3 (conventional islands)	
Turbine hall x 2 (Work No. 1A(b)(i))	57
Sky bridges x 2 (Work No. 1A(b)(ii))	32
Conventional Island electrical building x 2 (Work No. 1A(b)(iii))	35
Gas insulated switchgear building x 2 (Work No. 1A(b)(iv))	35
Main transformer platforms x 2 (Work No. 1A(b)(v))	35
Unit transformer platforms x 4 (Work No. 1A(b)(vi))	35
Auxiliary transform platforms x 2 (Work No. 1A(b)(vii))	35
Operational service centre x 1 (Work No. 1A(C))	47
Parameter Zone 1A-4 (cooling water pump house and associated buildings and plant)	
Cooling water pump house x 1 (Work No. 1A(e)(i))	29
Forebay x 1 (Work No. 1A(e)(ii))	22
Outfall pond building x 1 (Work No. 1A(e)(iii))	22
Filtering debris recovery pit x 1 (Work No. 1A(e)(iv))	22

Table 2.2: Parameters for stacks on the main platform

	Coordinates	Centre maximum radius (m)	Minimum height (mAOD)	Maximum height (mAOD)
Parameter zone S1 – nuclear auxiliary building stack x 1 (Work No. 1A(vii))	X = 647201 Y = 264182	5	77	79
Parameter zone S2 – nuclear auxiliary building stack x 1 (Work No. 1A(vii))	X = 647201 Y = 263952	5	77	79
Parameter zone S3 – Emergency diesel generator building stack x 3* (Work No. 1A(a)(xv))	X = 647224 Y = 264307 / X = 647243 Y = 264307 / X = 647259 Y = 264307	5	36.7	39
Parameter zone S4 – Emergency diesel generator building stack x 3* (Work No. 1A(a)(xv))	X = 647224 Y = 264133 / X = 647243 Y = 264132 / X = 647259 Y = 264132	5	36.7	39
Parameter zone S5 – Emergency diesel generator building stack x 3* (Work No. 1A(a)(xv))	X = 647224 Y = 264075 / X = 647243 Y = 264074 / X = 647259 Y = 264074	5	36.7	39
Parameter zone S6 – Emergency diesel generator building stack x 3* (Work No. 1A(a)(xv))	X = 647224 Y = 263901 / X = 647243 Y = 263900 / X = 647259 Y = 263900	5	36.7	39

* Emergency diesel generator building exhaust stacks (S3 - S6) will be above the roof height of the building they are attached to.

Table 2.5: Parameters for Sizewell B relocated facilities & National Grid land.

Building/structure name	Maximum height (mAOD)
Parameter zone 1G (National Grid substation)	
Substation (Work No. 1A(o))	27
Unspecified amount of associated plant, buildings and infrastructure (Work No. 1A(p))	22
Parameter zones 1H, 1I and 1J (Sizewell B relocated facilities)	
Storage, canteen and welfare facilities (1H)* (Work No. 1D(h) and Work No. 1E(g))	29
Administration buildings, to include workshops, civils store, office accommodation and general store (1I)** (Work No. 1D(g) and Work No. 1E(f))	29
Visitor Centre (1J)*** (Work No. 1D(f) and Work No. 1E(e))	29
Parameter zone P7 (National Grid pylon)	
National Grid pylon (Work No. 1A(p))	67

NOTES:

- THE PARAMETER ZONES ARE SPECIFIED ON SHEETS 1-4 - DRAWING Nos: SZC-SZ0100-XX-000-DRW-100043 SZC-SZ0100-XX-000-DRW-100047 SZC-SZ0100-XX-000-DRW-100048 SZC-SZ0100-XX-000-DRW-100127
- REFER TO SCHEDULE 1 OF DEVELOPMENT CONSENT ORDER (BOOK 3.1) FOR WORKS NUMBERS.

KEY:

Filtering debris recovery pit x 1 (Work No. 1A(e)(iv))	22
Fire-fighting water distribution building x 1 (Work No. 1A(e)(v))	22
Parameter Zone 1A-5 (cooling water pump house and associated buildings and plant)	
Cooling water pump house x 1 (Work No. 1A(e)(i))	29
Forebay x 1 (Work No. 1A(e)(ii))	22
Outfall pond building x 1 (Work No. 1A(e)(iii))	22
Filtering debris recovery pit x 1 (Work No. 1A(e)(iv))	22
Fire-fighting water distribution building x 1 (Work No. 1A(e)(v))	22
Parameter Zone 1A-6 – (waste storage)	
Intermediate level waste store x 1 (Work No. 1A(f))	27
Parameter Zone 1A-7 (spent fuel storage)	
Interim spent fuel store x 1 (Work No. 1A(g))	38
Parameter Zone 1A (ancillary buildings) (Work No. 1A(h))	
Buildings, including (but not limited to): main access control building; auxiliary administration building; emergency response centre, emergency response energy centre, secondary access control building; meteorological station; demineralisation station; valve room for the demineralisation station; auxiliary boilers; hydrogen storage; oxygen storage; hydrazine storage; chlorination plant; service ventilation building; raw water & potable water storage/supply; degassed water storage tanks; cooling water discharge shaft; chemical products storage; garage for handling materials; oil & grease storage; contaminated tools store; sewage treatment plant; conventional island water tanks; nuclear island water tank; conventional waste storage; transit area for very low and low level waste; service access buildings; underground tunnel highpoints; battery load banks; warehouse; interim spent fuel store equipment storage building; other ancillary buildings.	27
Parameter Zone 1B (BLF)	
BLF x 1 (Work No. 1A(l))	6
Parameter Zones P1 – P6 (SZC power station pylons)	
Three monopoles x 2 (Zones P1 and P6) (Work No. 1A(a)(viii))	55
Pylon x 1 (Zones P2) (Work No. 1A(d))	75
Pylon x 3 (Zones P3, P4 and P5) (Work No. 1A(d))	59

* See Table 2.2 for stacks related to these buildings

Table 2.3: Parameters for other developments on the main platform

Details	Minimum crest height (mAOD)	Maximum crest height (mAOD)
Parameter Zone 1C (sea defence)		
Permanent HCDF x 1 (Work No. 1A(n))	12.6	14.6
Permanent adapted HCDF, (Work No. 1A(n))	16.4	18.0
Parameter Zone 1D (Northern mound)		
Northern Mound x 1 (Work No. 1A(n))	12.6	14.6
Parameter Zone 1E (SSSI crossing)		
SSSI crossing x 1 (Work No. 1A(k))	8.6	10.5

Table 2.7: Parameters for buildings, plant & structures in the Upper Abbey Farm area.

Building details	Maximum height (mAOD)
Parameter zone 1F (access control)	
Off-site delivery checkpoint, associated buildings, structure and plant (Work No. 1A(j))	18
Parameter zone 1K (bat barn)	
Bat barn (Work No. 1A(ee))	8
Parameter zone 1N (ancillary substation compound)	
132kV substation and associated compound (Work No. 1A(i))	27

02	MAY 2026	SB	NP	DCO NMC SUBMISSION	SZC Co
01	SEP 2021	SB	NP	DCO APPLICATION - DEADLINE 8 SUBMISSION (dated 24 Sept 2021)	SZC Co
REVISION	DATE	DRAWN	CHECKED	REASONS FOR REVISION / COMMENTS	APPROVED

NOT PROTECTIVELY MARKED

COPYRIGHT:

© Crown copyright & database rights (2026). Ordnance Survey 0100031673



PROJECT:
SIZEWELL C

DOCUMENT:
APPLICATION DRAWING - FOR APPROVAL REGULATION 5(2)(o)

DRAWING TITLE:
MAIN DEVELOPMENT SITE OPERATIONAL PARAMETER PLAN PARAMETER HEIGHTS

DRAWING NO:
SZC-SZ0100-XX-000-DRW-100283

REVISION:
02

DATE: MAY 2026

DRAWN: SB

SCALE: NTS

SCALE BAR: