

The Sizewell C Project

Main Development Site
Conventional Island (Unit 1)
Plans For Approval

September 2021

Planning Act 2008 Infrastructure Planning (Applications: Prescribed Forms and Procedure) Regulations 2009 Revision: 2.0

Applicable Regulation: Regulation 5(2)(o)

PINS Reference Number: EN010012



Main Development Site, Conventional Island Plans (Unit 1) – For Approval

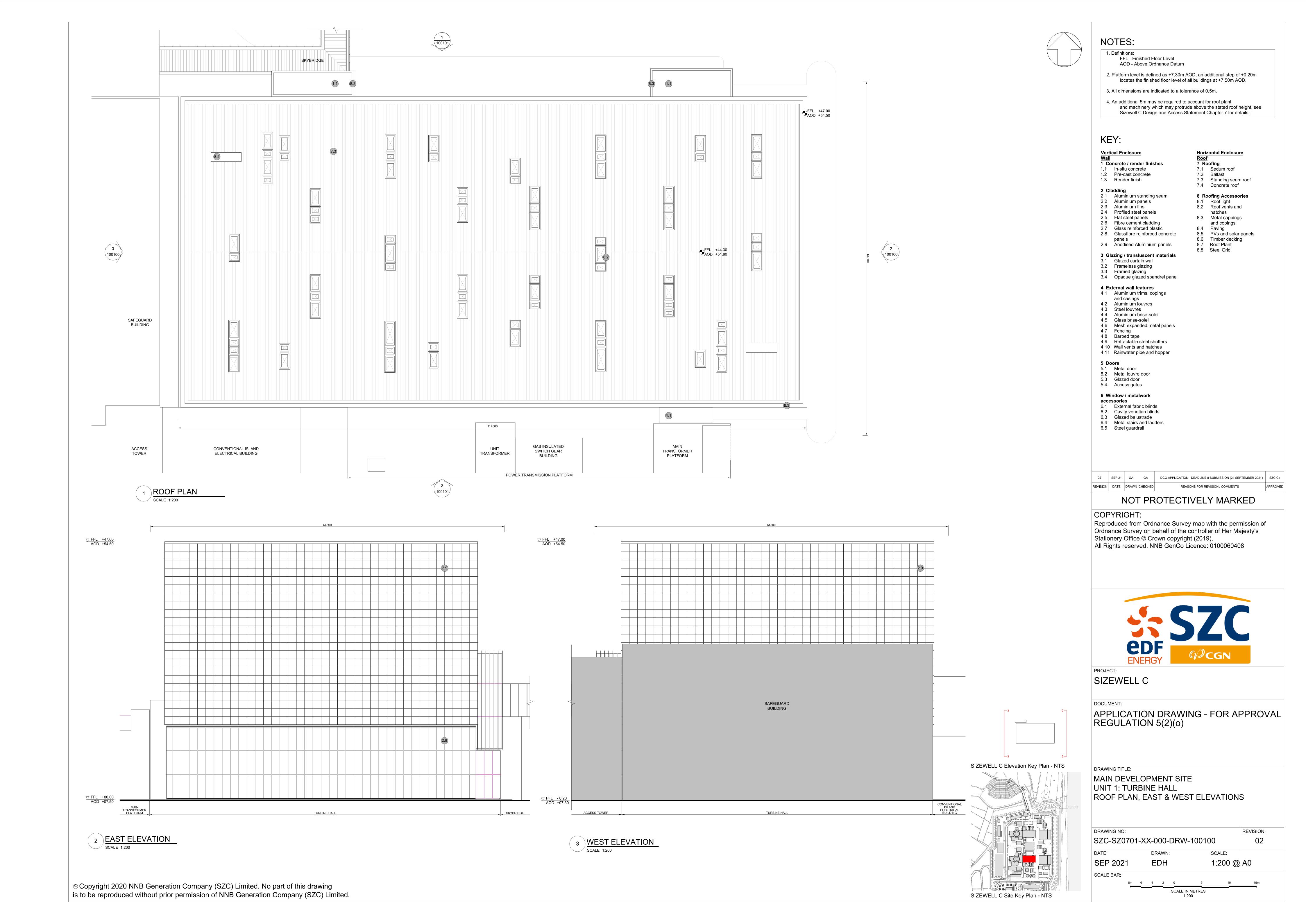
Drawing Number	Revision	Drawing Title	Scale	Sheet Size						
Unit 1: Turbine Hall										
SZC-SZ0701-XX-000-DRW-100100	02	Roof Plan, East & West Elevations	1:200	A0						
SZC-SZ0701-XX-000-DRW-100101	02	North & South Elevations	1:200	A0						
Unit 1: Conventional Island Electrical Building										
SZC-SZ0701-XX-000-DRW-100104	02	Roof Plan	1:100	A1						
SZC-SZ0701-XX-000-DRW-100105	02	West Evaluations	1:100	A1						
SZC-SZ0701-XX-000-DRW-100106	02	South & East Elevations	1:100	A1						
Unit 1: Gas Insulated Switch Gear / Main Transformer / Unit Transformer / Auxiliary Transformer										
SZC-SZ0701-XX-000-DRW-100107	02	Roof Plan	1:200	A1						
SZC-SZ0701-XX-000-DRW-100108	02	Elevations	1:200	A1						

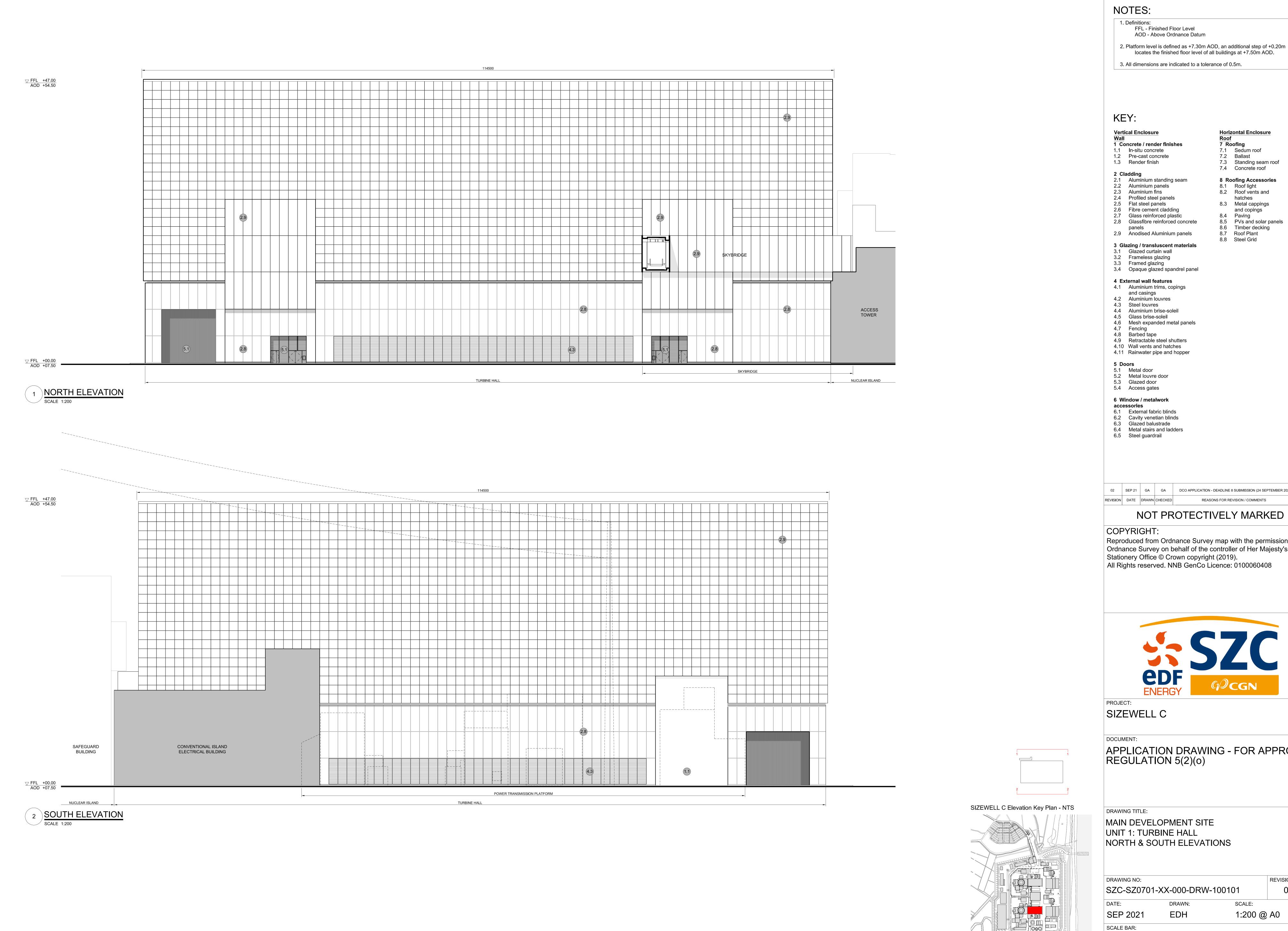


Main Development Site Conventional Island Plans (Unit 1) For Approval – Revisions Schedule

Drawing Number	Revision	Drawing Title	Amendments					
Unit 1: Turbine Hall								
SZC-SZ0701-XX-000-DRW-100100	02	Roof Plan, East & West Elevations	Update to drawing title to ensure consistency with the DCO schedules					
SZC-SZ0701-XX-000-DRW-100101	02	North & South Elevations	Update to drawing title to ensure consistency with the DCO schedules					
Unit 1: Conventional Island Electrical Building								
SZC-SZ0701-XX-000-DRW-100104	02	Roof Plan	Update to drawing title to ensure consistency with the DCO schedules					
SZC-SZ0701-XX-000-DRW-100105	02	West Evaluations	Update to drawing title to ensure consistency with the DCO schedules					
SZC-SZ0701-XX-000-DRW-100106	02	South & East Elevations	Update to drawing title to ensure consistency with the DCO schedules					
Unit 1: Gas Insulated Switch Gear / Main Transformer / Unit Transformer / Auxiliary Transformer								
SZC-SZ0701-XX-000-DRW-100107	02	Roof Plan	Update to drawing title to ensure consistency with the DCO schedules					
SZC-SZ0701-XX-000-DRW-100108	02	Elevations	Update to drawing title to ensure consistency with the DCO schedules					







NOTES:

- 1. Definitions: FFL - Finished Floor Level
 - AOD Above Ordnance Datum
- 3. All dimensions are indicated to a tolerance of 0.5m.

Horizontal Enclosure

7.3 Standing seam roof

8 Roofing Accessories

8.2 Roof vents and

hatches

8.3 Metal cappings and copings

8.5 PVs and solar panels

8.6 Timber decking

7.1 Sedum roof

7.4 Concrete roof

8.1 Roof light

8.4 Paving

8.7 Roof Plant

8.8 Steel Grid

7 Roofing

7.2 Ballast

Vertical Enclosure 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 fins
- 2.4 Profiled steel panels 2.5 Flat steel panels 2.6 Fibre cement cladding
- 2.7 Glass reinforced plastic
- 2.8 Glassfibre reinforced concrete
- 2.9 Anodised Aluminium panels
- 3 Glazing / transluscent materials 3.1 Glazed curtain wall
- 3.2 Frameless glazing 3.3 Framed glazing

3.4 Opaque glazed spandrel panel

- 4.1 Aluminium trims, copings and casings 4.2 Aluminium louvres
- 4.3 Steel 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 4.10 Wall vents and hatches
- 4.11 Rainwater pipe and hopper

- 5.3 Glazed door 5.4 Access gates
- 6 Window / metalwork

02 SEP 21 GA GA DCO APPLICATION - DEADLINE 8 SUBMISSION (24 SEPTEMBER 2021) SZC Co REASONS FOR REVISION / COMMENTS

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PROJECT:

DOCUMENT:

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

DRAWING TITLE:

MAIN DEVELOPMENT SITE **UNIT 1: TURBINE HALL** NORTH & SOUTH ELEVATIONS

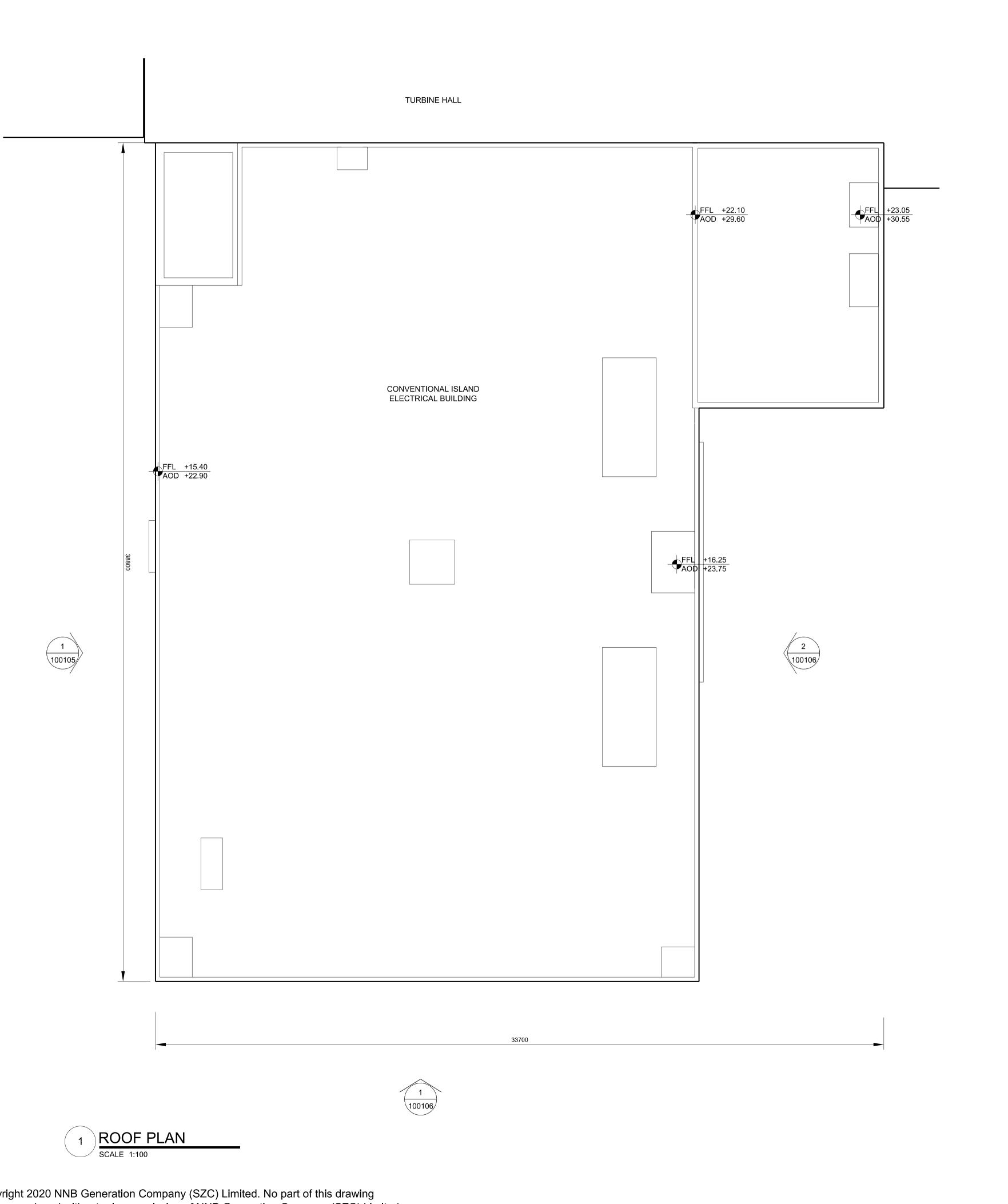
REVISION: SZC-SZ0701-XX-000-DRW-100101 02 SCALE:

EDH

SIZEWELL C Site Key Plan - NTS

SCALE IN METRES 1:200

1:200 @ A0





1. Definitions: FFL - Finished Floor Level AOD - Above Ordnance Datum

2. Platform level is defined as +7.30m AOD, an additional step of +0.20m locates the finished floor level of all buildings at +7.50m AOD.

3. All dimensions are indicated to a tolerance of 0.5m.

4. An additional 5m may be required to account for roof plant and machinery which may protrude above stated roof height, see Sizewell C Design and Access Statement for details.

5 Doors

5.1 Metal door

5.3 Glazed door 5.4 Access gates

accessories

5.2 Metal louvre door

6.1 External fabric blinds 6.2 Cavity venetian blinds

6.3 Glazed balustrade

6.4 Metal stairs and

ladders

6.5 Steel guardrail

Horizontal Enclosure

7.3 Standing seam roof

8 Roofing Accessories

8.2 Roof vents and

hatches 8.3 Metal cappings

8.4 Paving

8.7 Roof Plant

8.8 Steel Grid

and copings

8.5 PVs and solar panels

8.6 Timber decking

7.1 Sedum roof 7.2 Ballast

7.4 Concrete roof

7 Roofing

KEY: **Vertical Enclosure**

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 6 Window / metalwork 2.2 Aluminium panels 2.3 Aluminium fins

2.4 Profiled steel panels 2.5 Flat steel panels 2.6 Fibre cement cladding 2.7 Glass reinforced plastic

2.8 Glassfibre reinforced concrete panels 2.9 Anodised Aluminium

3 Glazing / transluscent

materials 3.1 Glazed curtain wall

panels

3.2 Frameless glazing 3.3 Framed glazing

3.4 Opaque glazed spandrel panel

4 External wall features 4.1 Aluminium trims, copings 8.1 Roof light and casings

4.2 Aluminium louvres

4.3 Steel 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 4.10 Wall vents and hatches

4.11 Rainwater pipe and hopper DCO APPLICATION - DEADLINE 8 SUBMISSION

02 | SEP 21 | GA | GA | (24 SEPTEMBER 2021) REASONS FOR REVISION / COMMENTS REVISION DATE DRAWN CHECKED

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SIZEWELL C

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

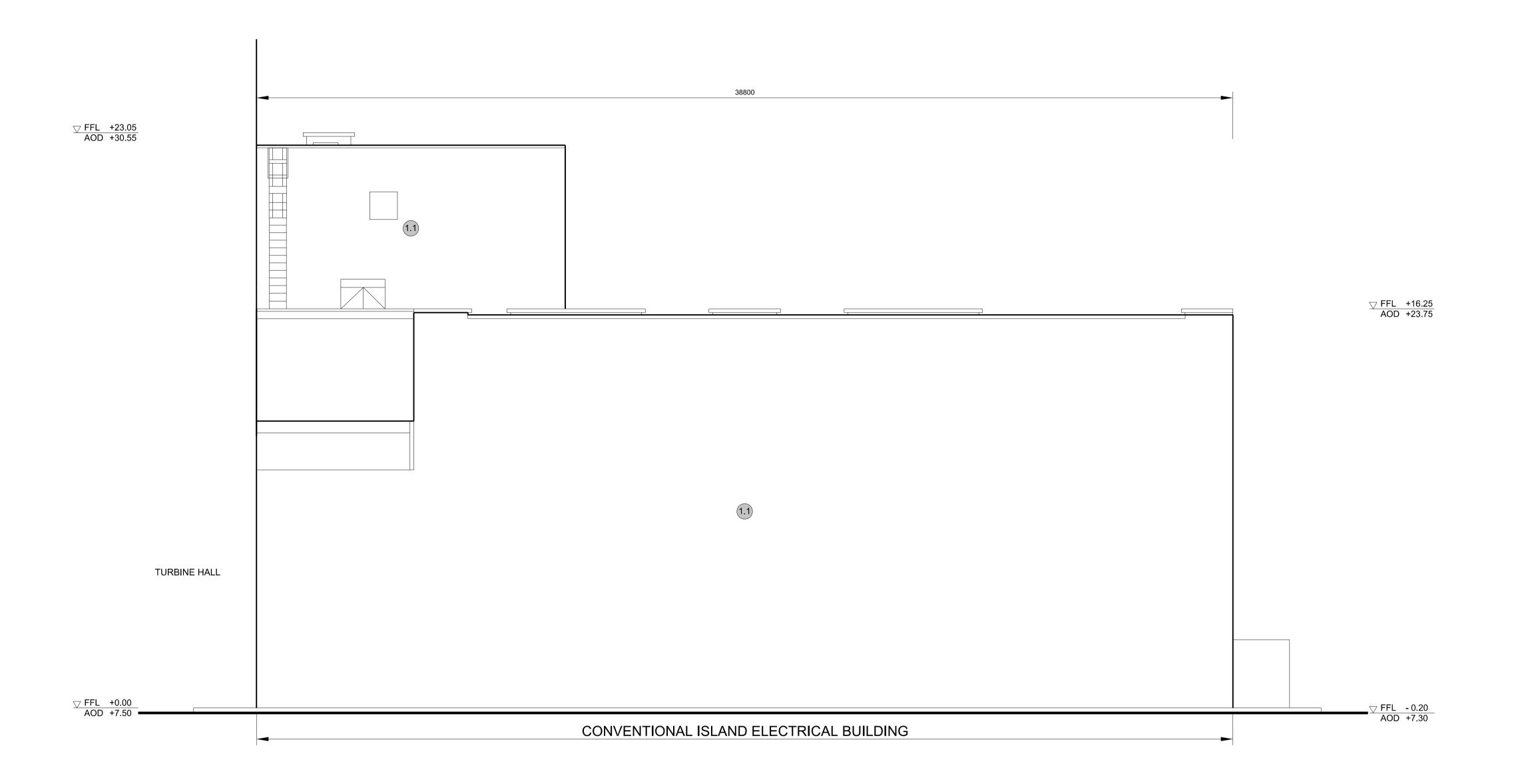
DRAWING TITLE:

MAIN DEVELOPMENT SITE UNIT 1: CONVENTIONAL ISLAND ELECTRICAL BUILDING ROOF PLAN

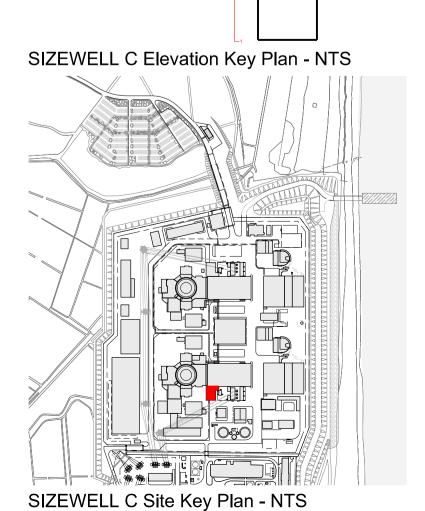
REVISION: SZC-SZ0701-XX-000-DRW-100104 02 DRAWN: SCALE: SEP 2021 EDH 1:100 @ A1 SCALE IN METRES

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WEST ELEVATION



NOTES: 1. Definitions: FFL - Finished Floor Level AOD - Above Ordnance Datum 2. Platform level is defined as +7.30m AOD, an additional step of +0.20m locates the finished floor level of all buildings at +7.50m AOD.

3. All dimensions are indicated to a tolerance of 0.5m.

4. External projections including telecommunications infrastructure (including aerials and satellites), access structures and safety measures (including ladders and handrails), mechanical plant, utilities infrastructure including solar panels) and minor architectural features (including gutters and lighting) are not shown and may be added subsequently.

5 Doors

5.1 Metal door

5.3 Glazed door 5.4 Access gates

accessories

5.2 Metal louvre door

6.1 External fabric blinds 6.2 Cavity venetian blinds

6.3 Glazed balustrade

6.4 Metal stairs and

ladders

6.5 Steel guardrail

Horizontal Enclosure

7.3 Standing seam roof

8 Roofing Accessories

and copings

8.5 PVs and solar panels

8.6 Timber decking

8.2 Roof vents and

hatches 8.3 Metal cappings

8.4 Paving

8.7 Roof Plant

8.8 Steel Grid

7.1 Sedum roof

7.4 Concrete roof

7 Roofing

7.2 Ballast

Vertical Enclosure

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 6 Window / metalwork 2.2 Aluminium panels

2.3 Aluminium fins 2.4 Profiled steel panels 2.5 Flat steel panels

2.6 Fibre cement cladding 2.7 Glass reinforced plastic 2.8 Glassfibre reinforced

concrete panels 2.9 Anodised Aluminium panels

3 Glazing / transluscent materials

3.1 Glazed curtain wall 3.2 Frameless glazing

3.3 Framed glazing 3.4 Opaque glazed spandrel panel

4 External wall features 4.1 Aluminium trims, copings 8.1 Roof light

and casings 4.2 Aluminium louvres

4.3 Steel 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

4.10 Wall vents and hatches 4.11 Rainwater pipe and hopper

DCO APPLICATION - DEADLINE 8 SUBMISSION 02 | SEP 21 | GA | GA | (24 SEPTEMBER 2021) REVISION DATE DRAWN CHECKED REASONS FOR REVISION / COMMENTS

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SIZEWELL C

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

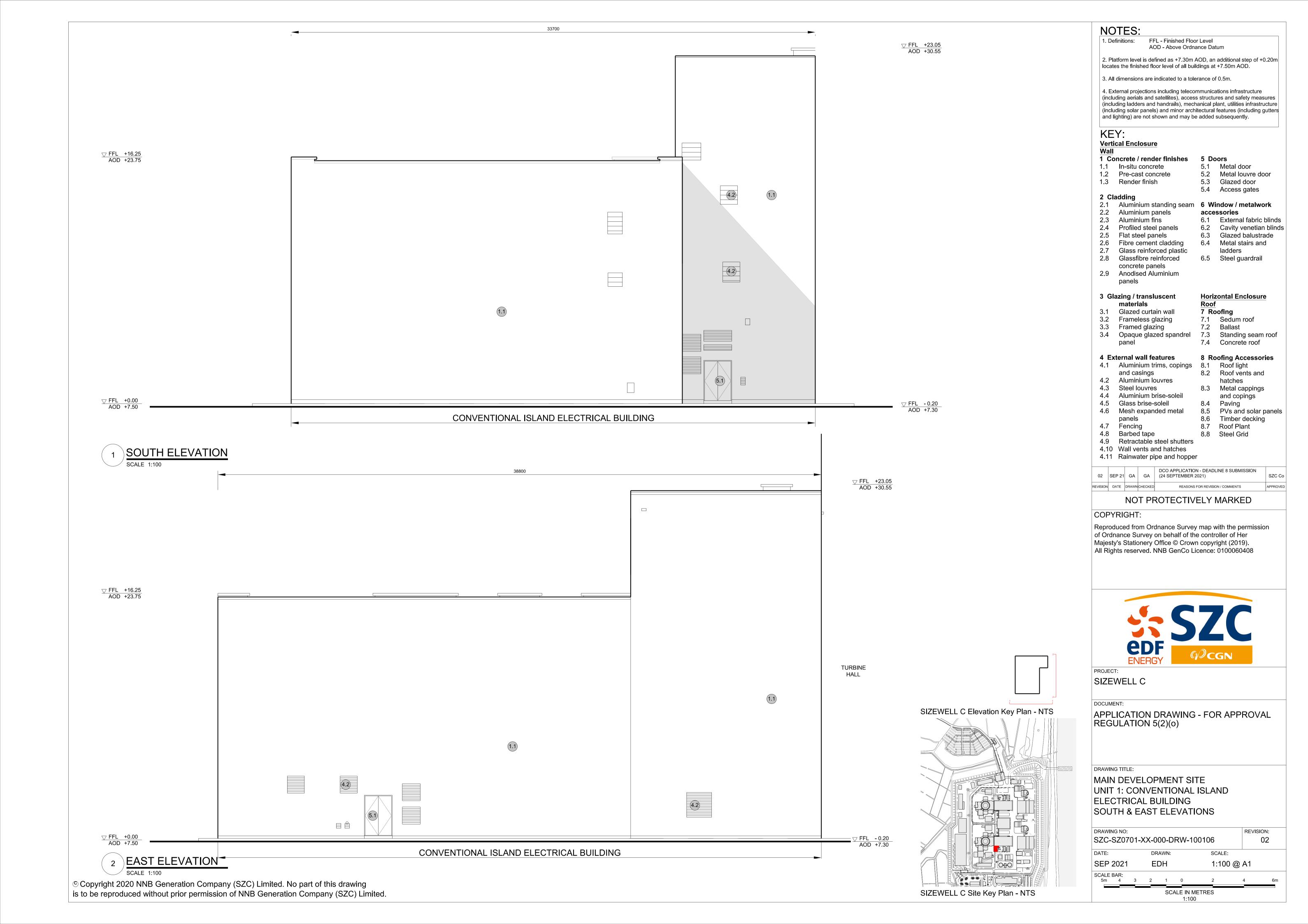
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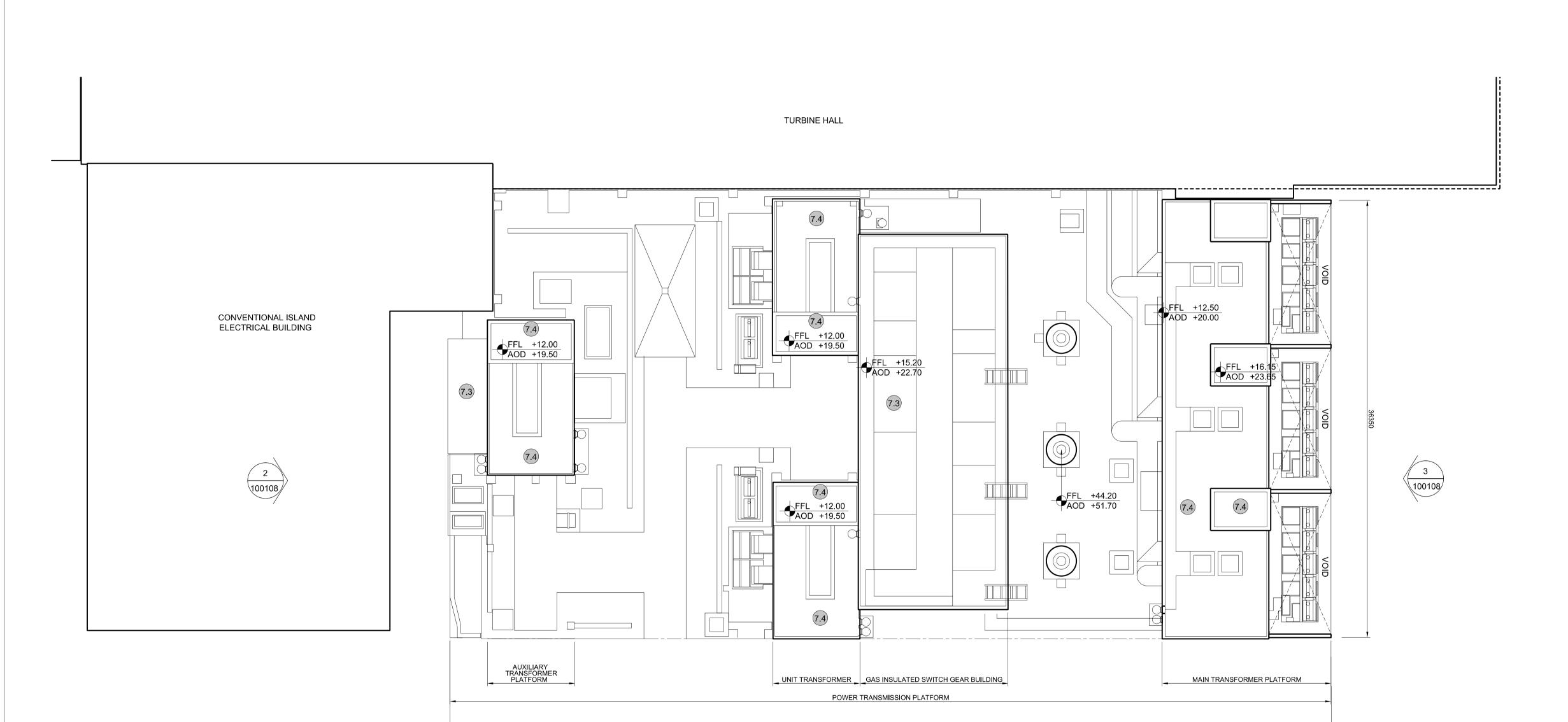
DRAWING NO:

MAIN DEVELOPMENT SITE UNIT 1: CONVENTIONAL ISLAND ELECRITCAL BUILDING WEST ELEVATION

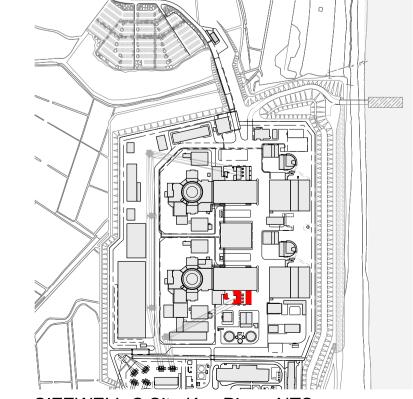
ZC-SZ070 ²		02									
TE:		DRAW	N:	SCA							
EP 2021	EDH			1:1							
CALE BAR: 4 3	2	1	0	2	4	6m					
SCALE IN METRES 1:100											

REVISION:









NOTES:

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6.5 Steel guardrail

Horizontal Enclosure

7.3 Standing seam roof

8 Roofing Accessories

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8.7 Roof Plant

8.8 Steel Grid

and copings

8.5 PVs and solar panels

7.1 Sedum roof

7.4 Concrete roof

7 Roofing

7.2 Ballast

KEY: Vertical Enclosure

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 6 Window / metalwork 2.2 Aluminium panels

2.3 Aluminium fins 2.4 Profiled steel panels 2.5 Flat steel panels 2.6 Fibre cement cladding

Glass reinforced plastic 2.8 Glassfibre reinforced concrete panels

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panels 4.7 Fencing 4.8 Barbed tape 4.9 Retractable steel shutters

4.10 Wall vents and hatches 4.11 Rainwater pipe and hopper

DCO APPLICATION - DEADLINE 8 SUBMISSION 02 | SEP 21 | GA | GA | (24 SEPTEMBER 2021) REASONS FOR REVISION / COMMENTS REVISION DATE DRAWN CHECKED

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SIZEWELL C

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

DRAWING TITLE:

MAIN DEVELOPMENT SITE UNIT 1: GAS INSULATED SWITCH GEAR BUILDING / MAIN TRANSFORMER PLATFORM / UNIT TRANSFORMER / AUXILIARY TRANSFORMER PLATFORM ROOF PLAN

02 SZC-SZ0701-XX-000-DRW-100107 DATE: DRAWN: SCALE:

SEP 2021 1:200 @ A1 SCALE IN METRES

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ROOF PLAN

SIZEWELL C Site Key Plan - NTS

