



The Sizewell C Project

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

May 2020

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

Revision: 1.0
Applicable Regulation: Regulation 5(2)(o)
PINS Reference Number: EN010012

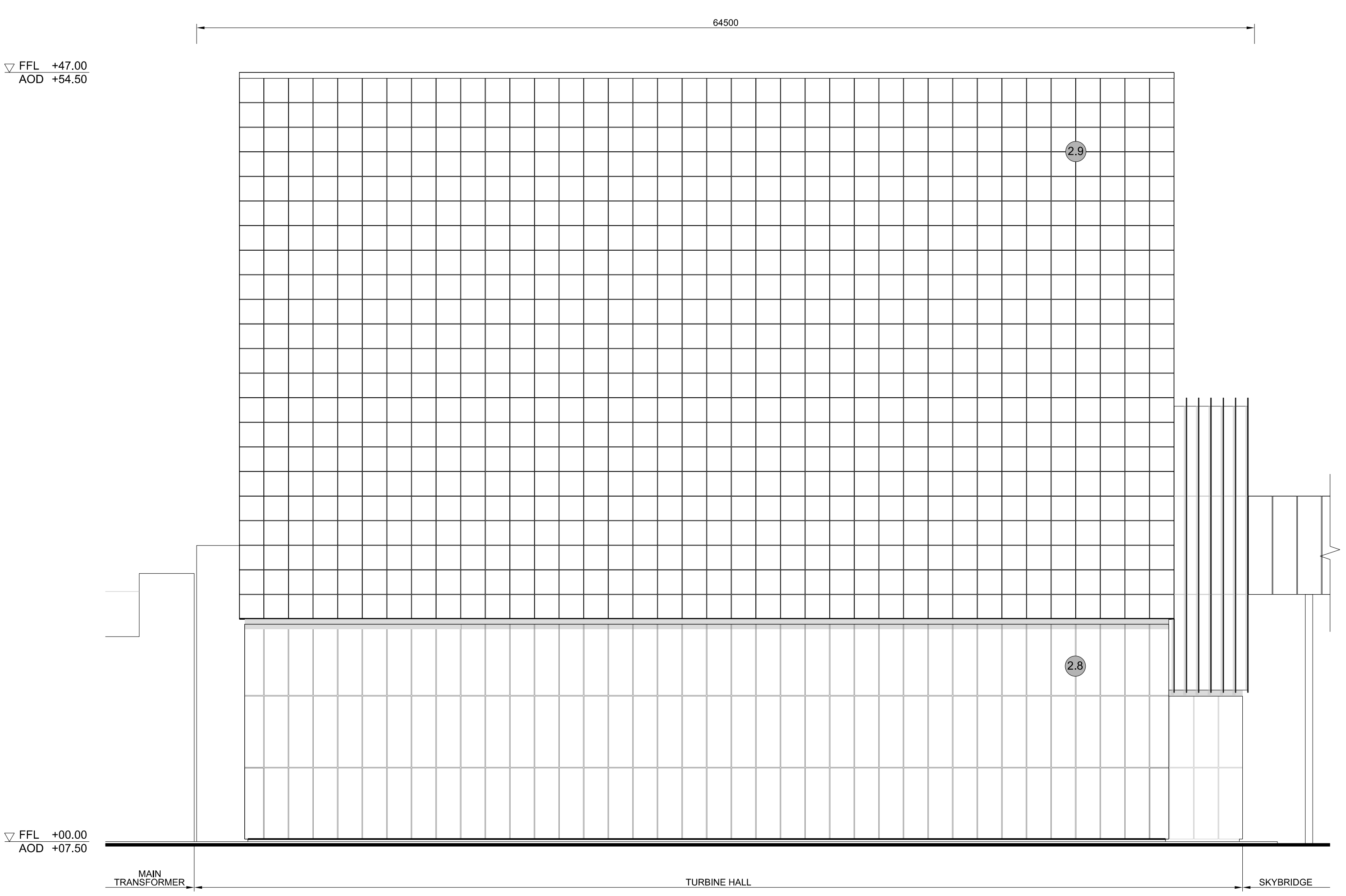


Main Development Site, Conventional Island Plans (Unit 1) – For Approval

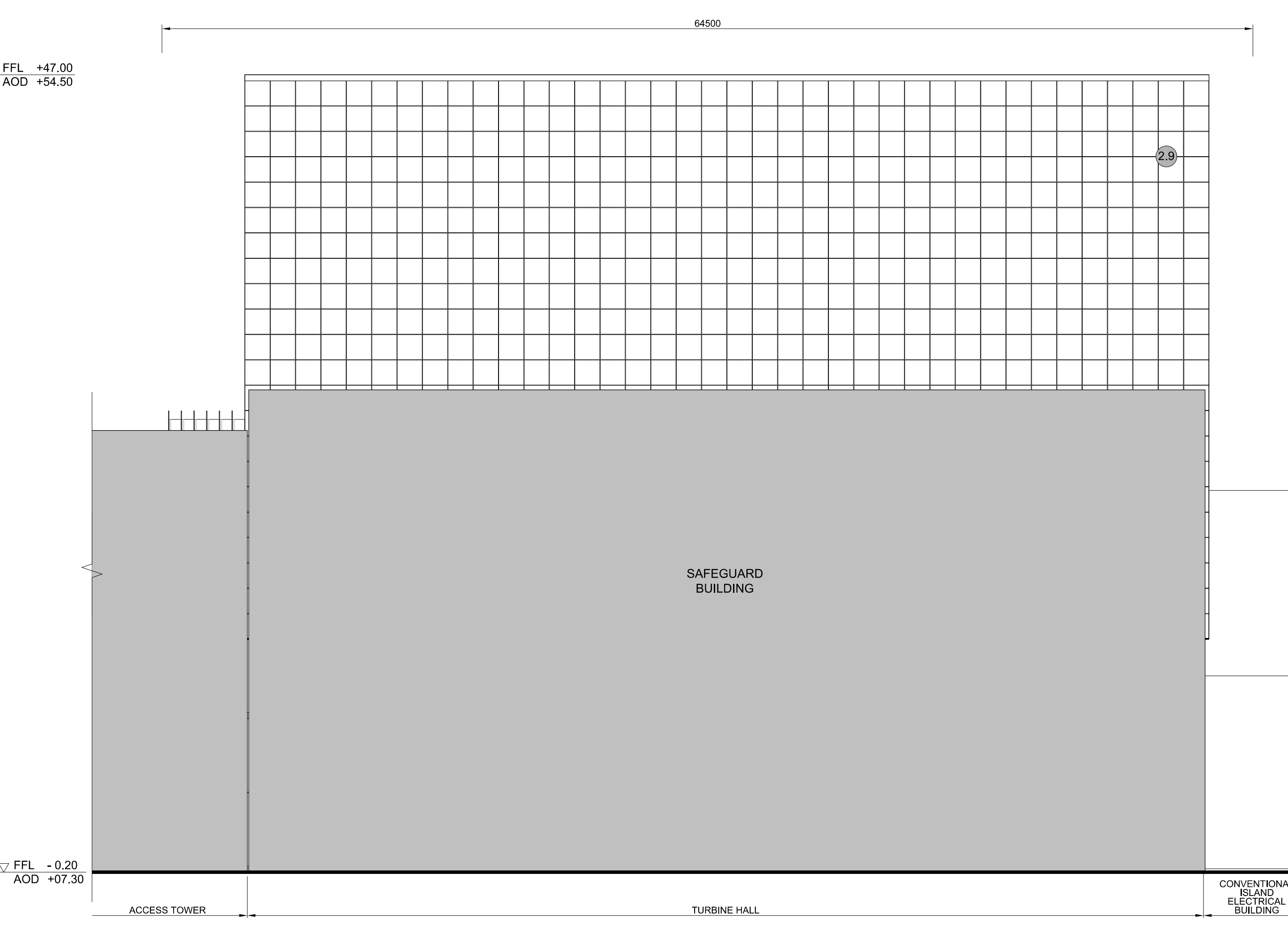
Drawing Number	Revision	Drawing Title	Scale	Sheet Size
Unit 1: Turbine Hall				
SZC-SZ0701-XX-000-DRW-100100	01	Roof Plan, East & West Elevations	1:200	A0
SZC-SZ0701-XX-000-DRW-100101	01	North & South Elevations	1:200	A0
Unit 1: Conventional Island Electrical Building				
SZC-SZ0701-XX-000-DRW-100104	01	Roof Plan	1:100	A1
SZC-SZ0701-XX-000-DRW-100105	01	West Evaluations	1:100	A1
SZC-SZ0701-XX-000-DRW-100106	01	South & East Elevations	1:100	A1
Unit 1: Gas Insulated Switch Gear / Main Transformer / Unit Transformer / Auxiliary Transformer				
SZC-SZ0701-XX-000-DRW-100107	01	Roof Plan	1:200	A1
SZC-SZ0701-XX-000-DRW-100108	01	Elevations	1:200	A1



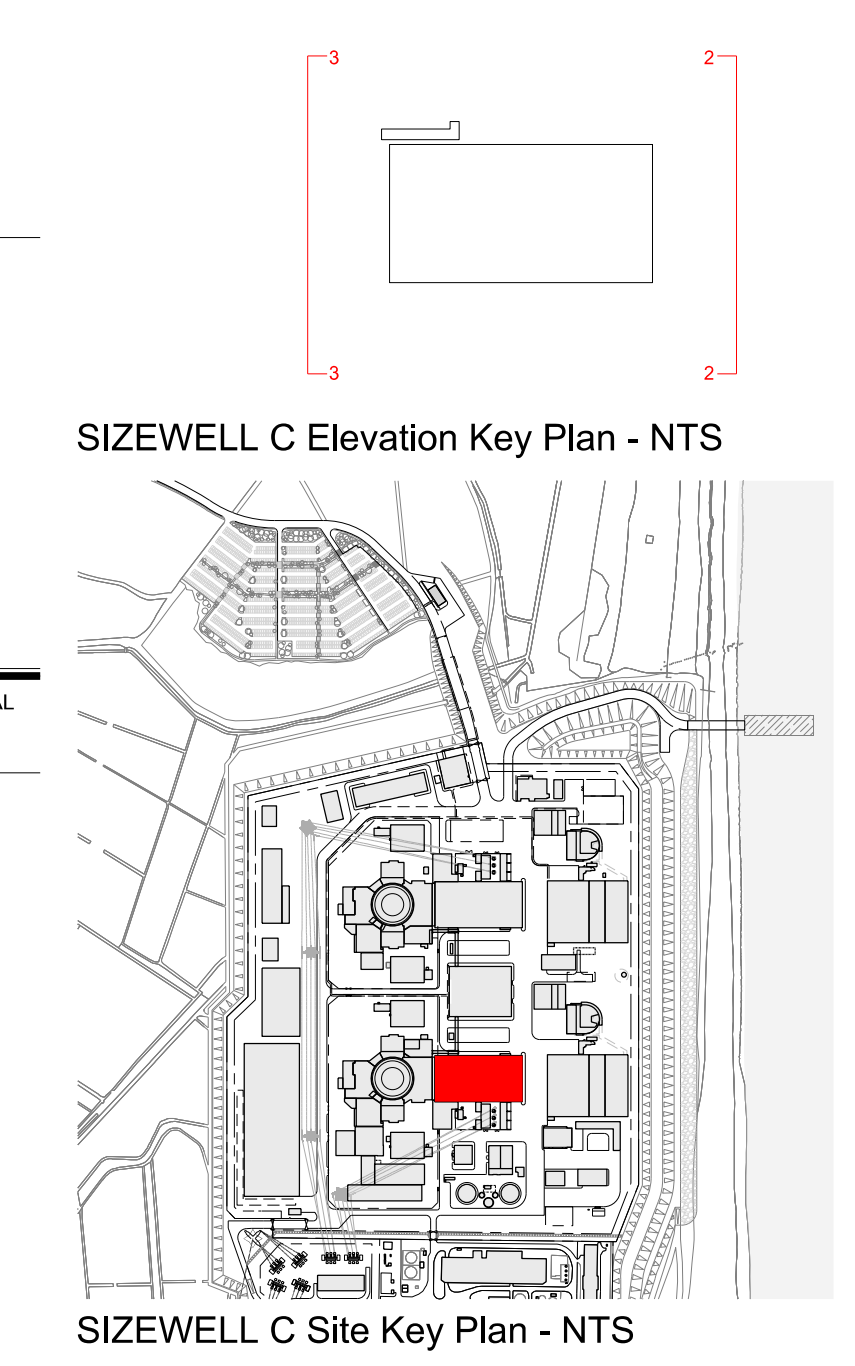
1 ROOF PLAN
SCALE 1:200



2 EAST ELEVATION
SCALE 1:200



3 WEST ELEVATION
SCALE 1:200



SIZEWELL C Elevation Key Plan - NTS
SIZEWELL C Site Key Plan - NTS

NOTES:

- Definitions:
FFL - Finished Floor Level
AOD - Above Ordnance Datum
- 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.
- All dimensions are indicated to a tolerance of 0.5m.
- An additional 5m may be required to account for roof plant and machinery which may protrude above the stated roof height, see Sizewell C Design and Access Statement Chapter 7 for details.

- KEY:**
- | | |
|---|----------------------------------|
| Vertical Enclosure Wall | Horizontal Enclosure Roof |
| 1 Concrete / render finishes | 7 Roofing |
| 1.1 In-situ concrete | 7.1 Sedum roof |
| 1.2 Pre-cast concrete | 7.2 Ballast |
| 1.3 Render finish | 7.3 Standing seam roof |
| | 7.4 Concrete roof |
| 2 Cladding | 8 Roofing Accessories |
| 2.1 Aluminium standing seam | 8.1 Roof light |
| 2.2 Aluminium panels | 8.2 Roof vents and hatches |
| 2.3 Aluminium fins | 8.3 Metal cappings and copings |
| 2.4 Profiled steel panels | 8.4 Paving |
| 2.5 Flat steel panels | 8.5 PVs and solar panels |
| 2.6 Fibre cement cladding | 8.6 Timber decking |
| 2.7 Glass reinforced plastic | 8.7 Roof Plant |
| 2.8 Glassfibre reinforced concrete panels | 8.8 Steel Grid |
| 2.9 Anodised Aluminium panels | |
| 3 Glazing / translucent 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 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 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 | |
| 6.5 Steel guardrail | |

REVISION	DATE	DRAWN	CHECKED	DCO SUBMISSION	SZC Co
01	FEB 20	GA	GA	DCO SUBMISSION	SZC Co

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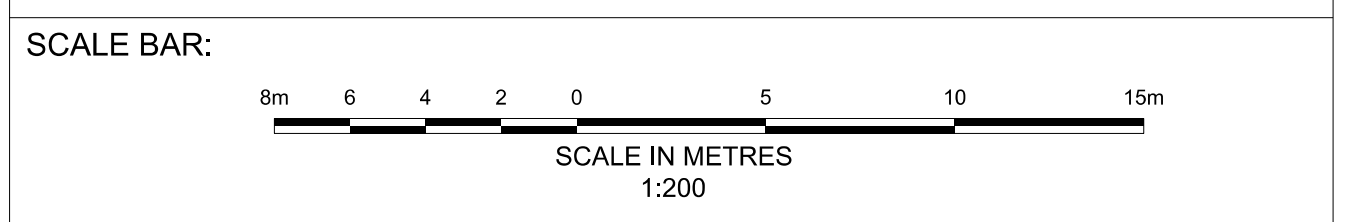


PROJECT:
SIZEWELL C

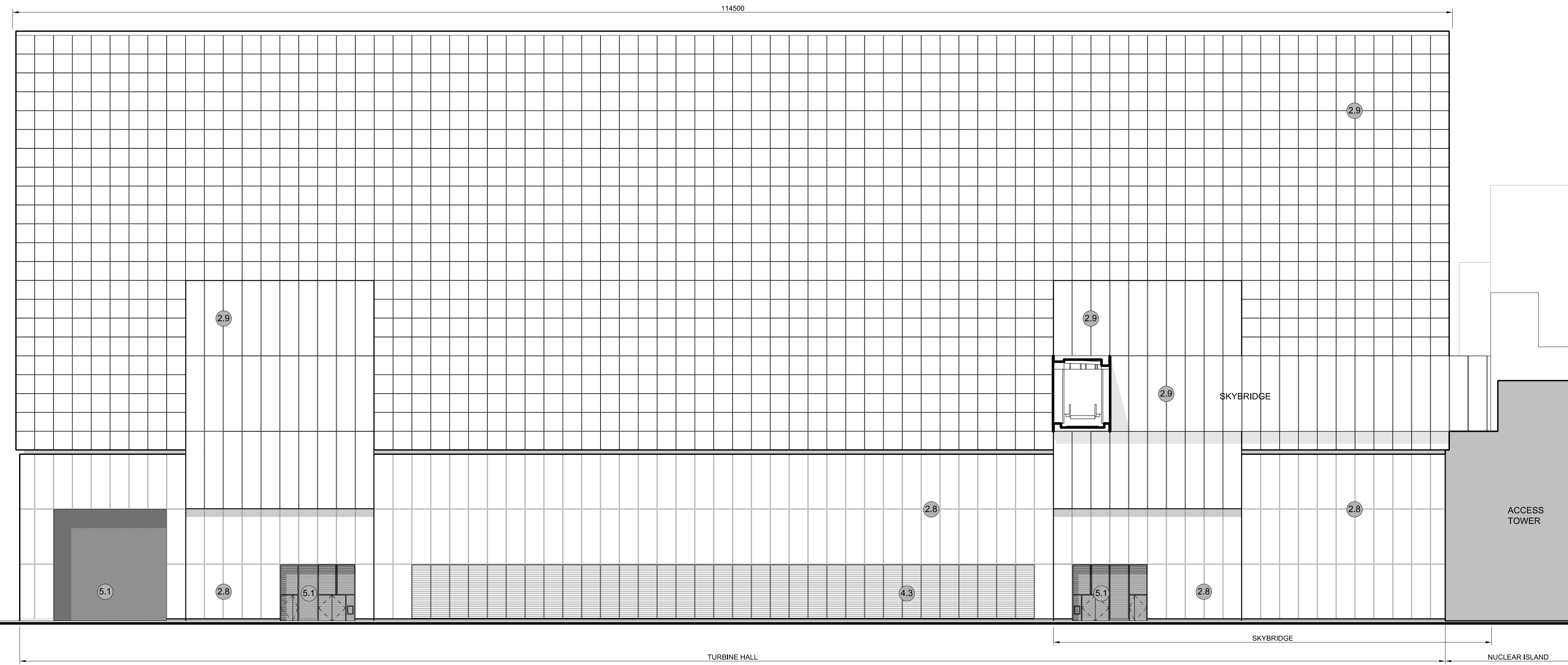
DOCUMENT:
APPLICATION DRAWING - FOR APPROVAL REGULATION 5(2)(o)

DRAWING TITLE:
**MAIN DEVELOPMENT SITE
UNIT 1: TURBINE HALL
ROOF PLAN, EAST & WEST ELEVATIONS**

DRAWING NO: SZC-SZ0701-XX-000-DRW-100100	REVISION: 01
DATE: FEB 2020	DRAWN: EDH
SCALE: 1:200 @ A0	

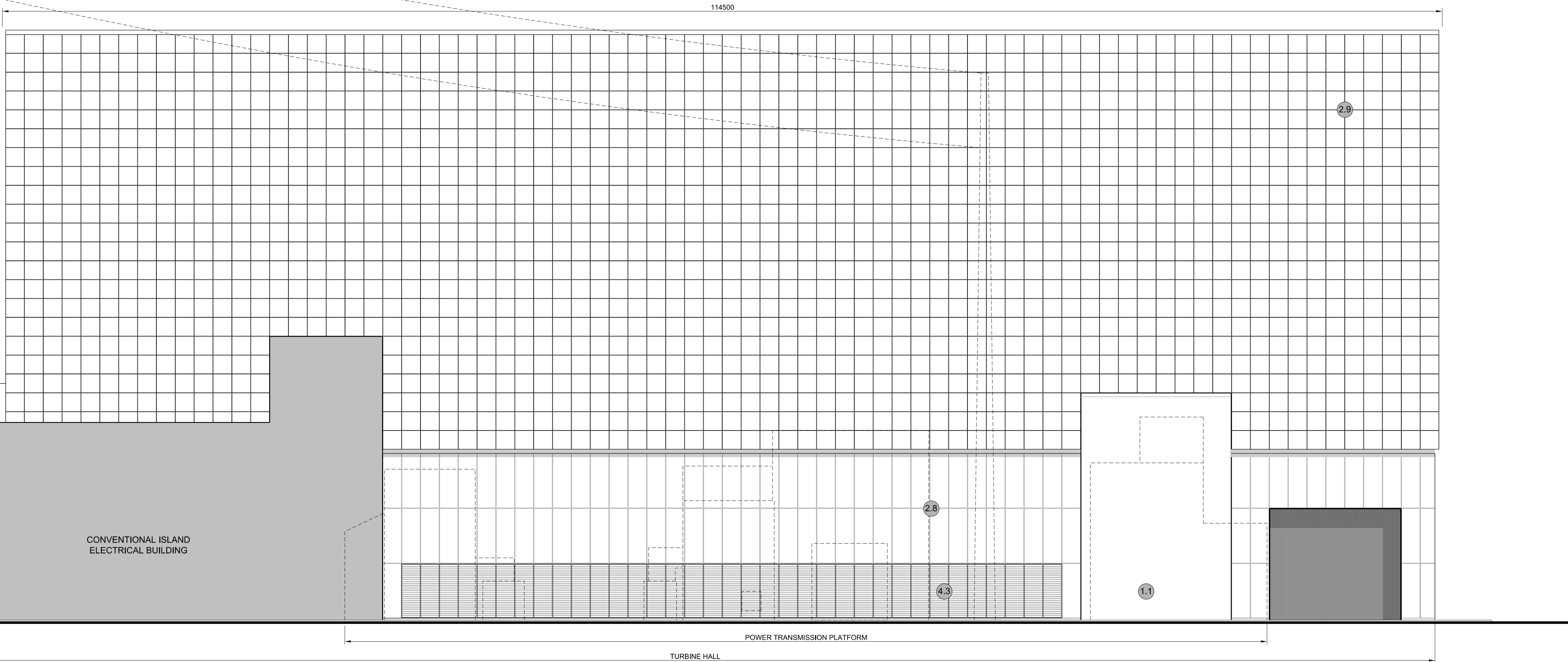


▽ FFL +47.00
AOD +54.50



1 NORTH ELEVATION
SCALE 1:200

▽ FFL +47.00
AOD +54.50



2 SOUTH ELEVATION
SCALE 1:200

NOTES:

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

KEY:

- | | |
|---|--------------------------------|
| Vertical Enclosure | Horizontal Enclosure |
| Wall | Roof |
| 1 Concrete / render finishes | 7 Roofing |
| 1.1 In-situ concrete | 7.1 Sedum roof |
| 1.2 Pre-cast concrete | 7.2 Ballast |
| 1.3 Render finish | 7.3 Standing seam roof |
| | 7.4 Concrete roof |
| 2 Cladding | 8 Roofing Accessories |
| 2.1 Aluminium standing seam | 8.1 Roof light |
| 2.2 Aluminium panels | 8.2 Roof vents and hatches |
| 2.3 Aluminium fins | 8.3 Metal cappings and copings |
| 2.4 Profiled steel panels | 8.4 Paving |
| 2.5 Flat steel panels | 8.5 PVs and solar panels |
| 2.6 Fibre cement cladding | 8.6 Timber decking |
| 2.7 Glass reinforced plastic | 8.7 Roof Plant |
| 2.8 Glassfibre reinforced concrete panels | 8.8 Steel Grid |
| 2.9 Anodised Aluminium panels | |
| 3 Glazing / translucent 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 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 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 | |
| 6.5 Steel guardrail | |

REVISION	DATE	DRAWN	CHECKED	DCO SUBMISSION	REASONS FOR REVISION / COMMENTS	APPROVED
01	FEB 20	GA	GA	DCO SUBMISSION		SZC Co

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PROJECT:
SIZEWELL C

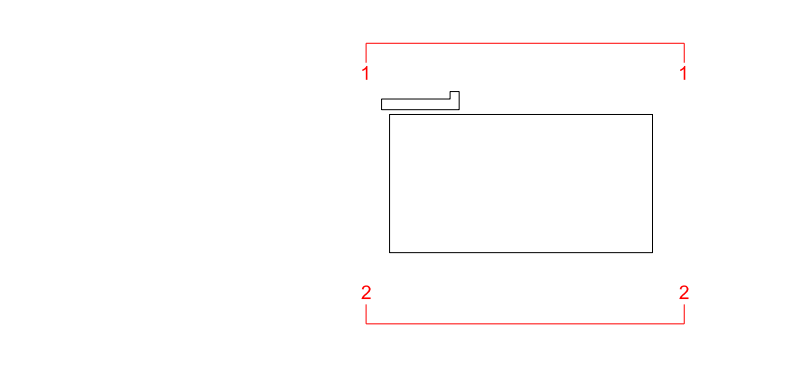
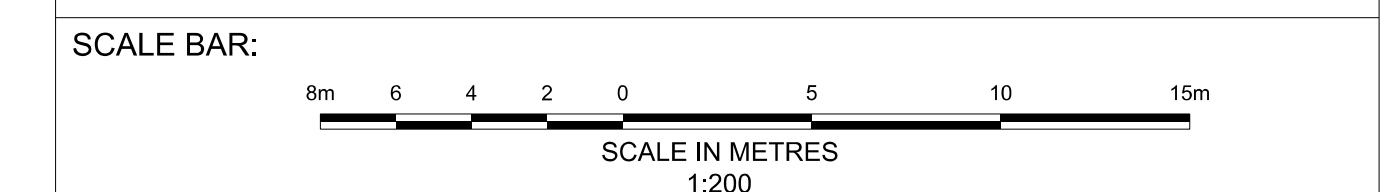
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APPLICATION DRAWING - FOR APPROVAL REGULATION 5(2)(o)

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

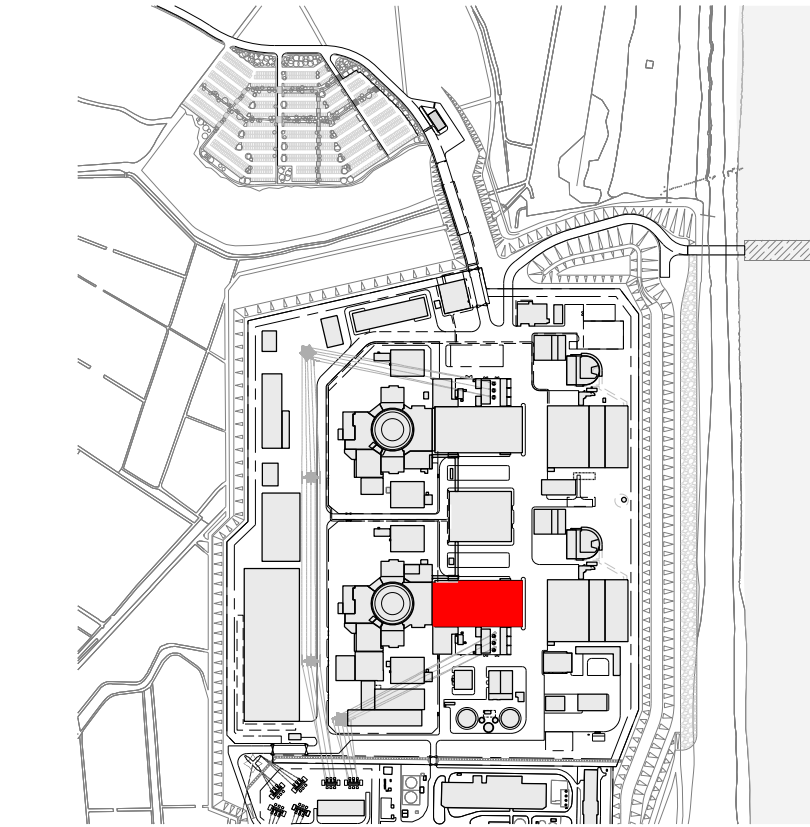
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REVISION:
01

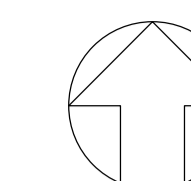
DATE: **FEB 2020**
DRAWN: **EDH**
SCALE: **1:200 @ A0**



SIZEWELL C Elevation Key Plan - NTS



SIZEWELL C Site Key Plan - NTS

**NOTES:**

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KEY:**Vertical Enclosure****Wall**

- | | |
|-------------------------------------|-----------------------|
| 1 Concrete / render finishes | 5 Doors |
| 1.1 In-situ concrete | 5.1 Metal door |
| 1.2 Pre-cast concrete | 5.2 Metal louvre door |
| 1.3 Render finish | 5.3 Glazed door |
| | 5.4 Access gates |

2 Cladding

- | | |
|---|---|
| 2.1 Aluminium standing seam | 6 Window / metalwork accessories |
| 2.2 Aluminium panels | 6.1 External fabric blinds |
| 2.3 Aluminium fins | 6.2 Cavity venetian blinds |
| 2.4 Profiled steel panels | 6.3 Glazed balustrade |
| 2.5 Flat steel panels | 6.4 Metal stairs and ladders |
| 2.6 Fibre cement cladding | 6.5 Steel guardrail |
| 2.7 Glass reinforced plastic | |
| 2.8 Glassfibre reinforced concrete panels | |
| 2.9 Anodised Aluminium panels | |

3 Glazing / translucent materials

- | | |
|----------------------------------|----------------------------------|
| 3.1 Glazed curtain wall | Horizontal Enclosure Roof |
| 3.2 Frameless glazing | 7 Roofing |
| 3.3 Framed glazing | 7.1 Sedum roof |
| 3.4 Opaque glazed spandrel panel | 7.2 Ballast |
| | 7.3 Standing seam roof |
| | 7.4 Concrete roof |

4 External wall features

- | | |
|--|--------------------------------|
| 4.1 Aluminium trims, copings and casings | 8 Roofing Accessories |
| 4.2 Aluminium louvres | 8.1 Roof light |
| 4.3 Steel louvres | 8.2 Roof vents and hatches |
| 4.4 Aluminium brise-soleil | 8.3 Metal cappings and copings |
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| 4.9 Retractable steel shutters | 8.8 Steel Grid |
| 4.10 Wall vents and hatches | |
| 4.11 Rainwater pipe and hopper | |

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PROJECT:
SIZEWELL C

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

DRAWING TITLE:
MAIN DEVELOPMENT SITE
UNIT 1: CONVENTIONAL ISLAND
ELECTRICAL BLDG
ROOF PLAN

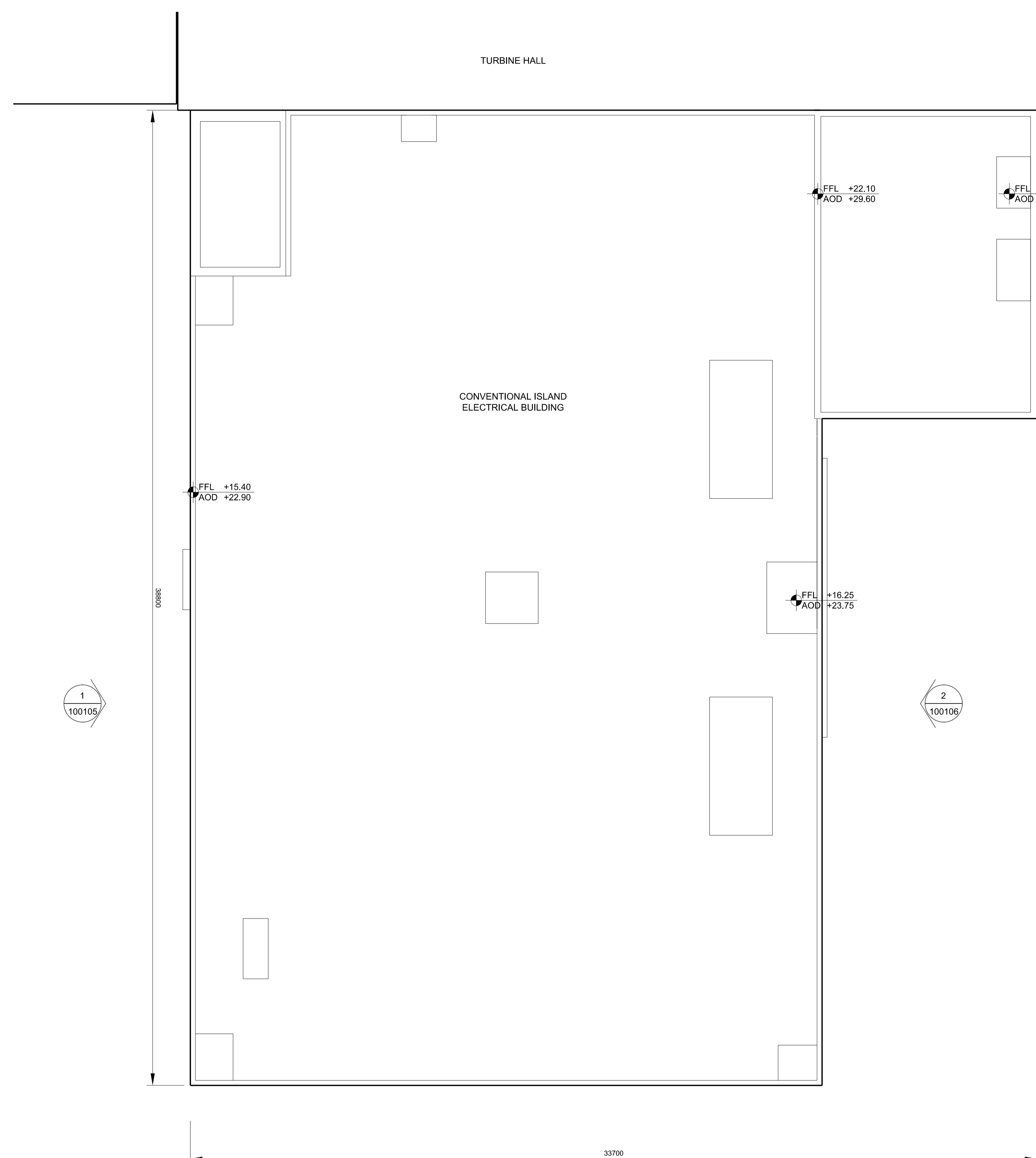
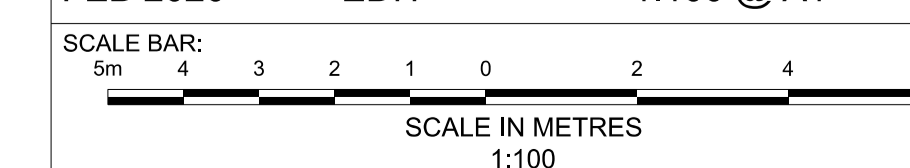
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REVISION:
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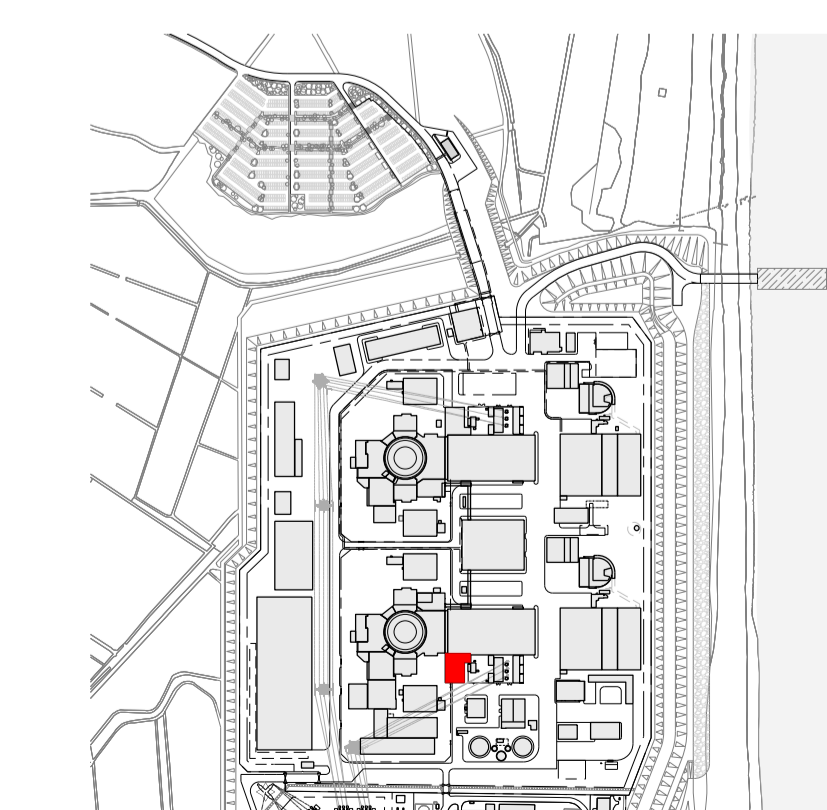
DATE: FEB 2020

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SCALE: 1:100 @ A1

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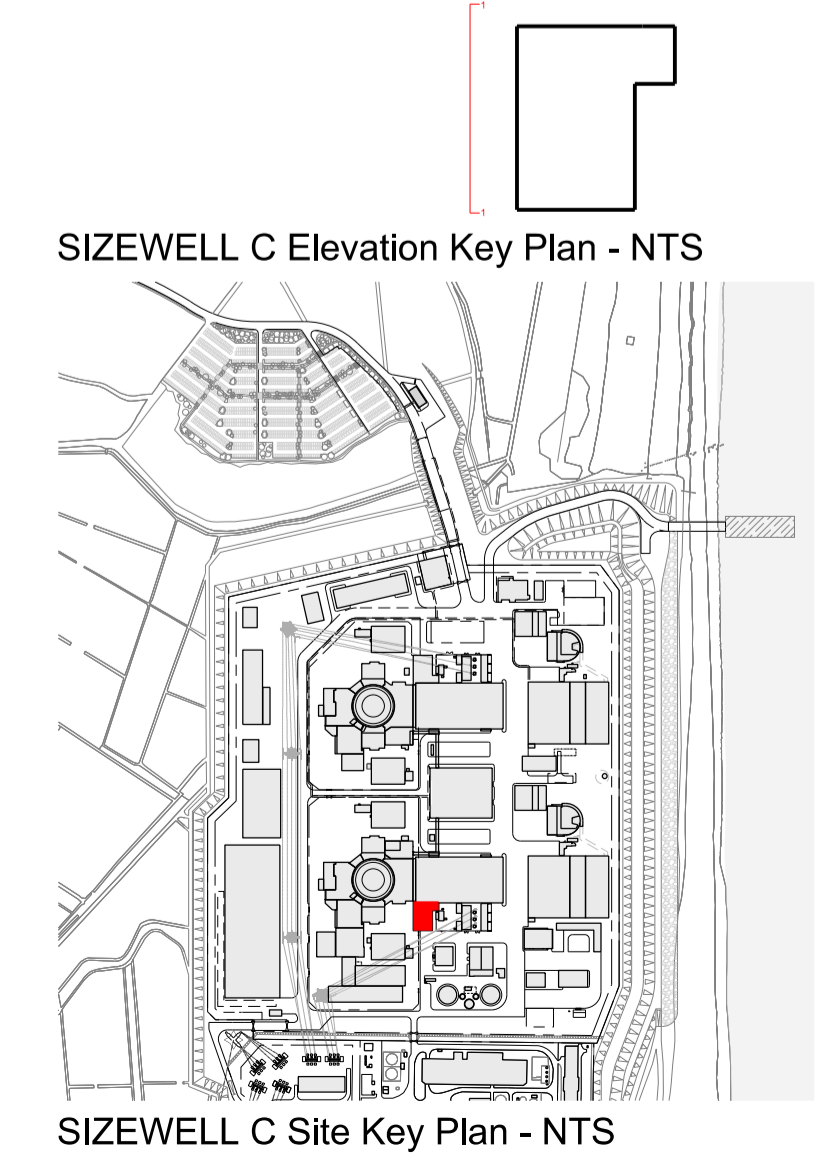
1 **ROOF PLAN**
SCALE 1:100



SIZEWELL C Site Key Plan - NTS



1 WEST ELEVATION
SCALE 1:100



NOTES:

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- 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.

- KEY:**
- Vertical Enclosure**
- Wall**
- | | |
|------------------------------|-----------------------|
| 1 Concrete / render finishes | 5 Doors |
| 1.1 In-situ concrete | 5.1 Metal door |
| 1.2 Pre-cast concrete | 5.2 Metal louvre door |
| 1.3 Render finish | 5.3 Glazed door |
| | 5.4 Access gates |
- 2 Cladding**
- | | |
|---|----------------------------------|
| 2.1 Aluminium standing seam | 6 Window / metalwork accessories |
| 2.2 Aluminium panels | 6.1 External fabric blinds |
| 2.3 Aluminium fins | 6.2 Cavity venetian blinds |
| 2.4 Profiled steel panels | 6.3 Glazed balustrade |
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- 3 Glazing / translucent materials**
- | | |
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| 3.1 Glazed curtain wall | 7 Roofing |
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| 3.4 Opaque glazed spandrel panel | 7.3 Standing seam roof |
| | 7.4 Concrete roof |
- 4 External wall features**
- | | |
|--|--------------------------------|
| 4.1 Aluminium trims, copings and casings | 8 Roofing Accessories |
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REVISION	DATE	DRAWN	CHECKED	REASONS FOR REVISION / COMMENTS	APPROVED

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PROJECT:
SIZEWELL C

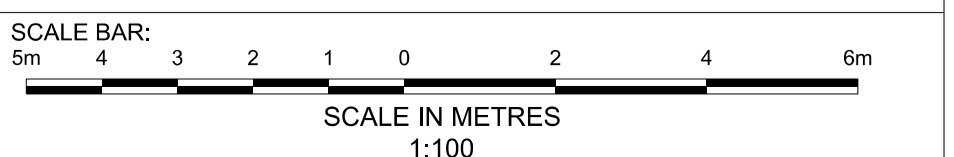
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REGULATION 5(2)(c)

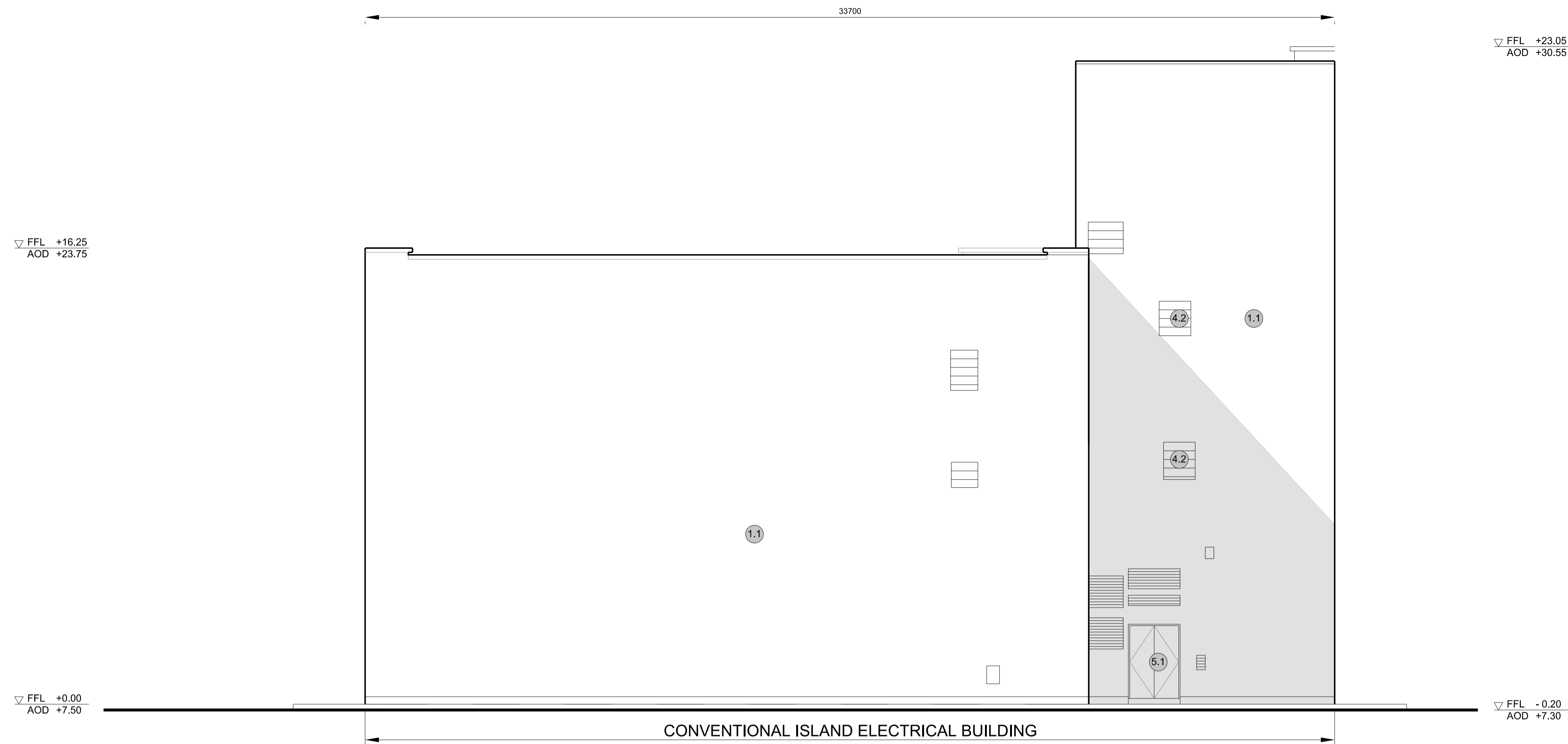
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MAIN DEVELOPMENT SITE
UNIT 1: CONVENTIONAL ISLAND
ELECTRICAL BLDG
WEST ELEVATION

DRAWING NO:
SZC-SZ0701-XX-000-DRW-100105

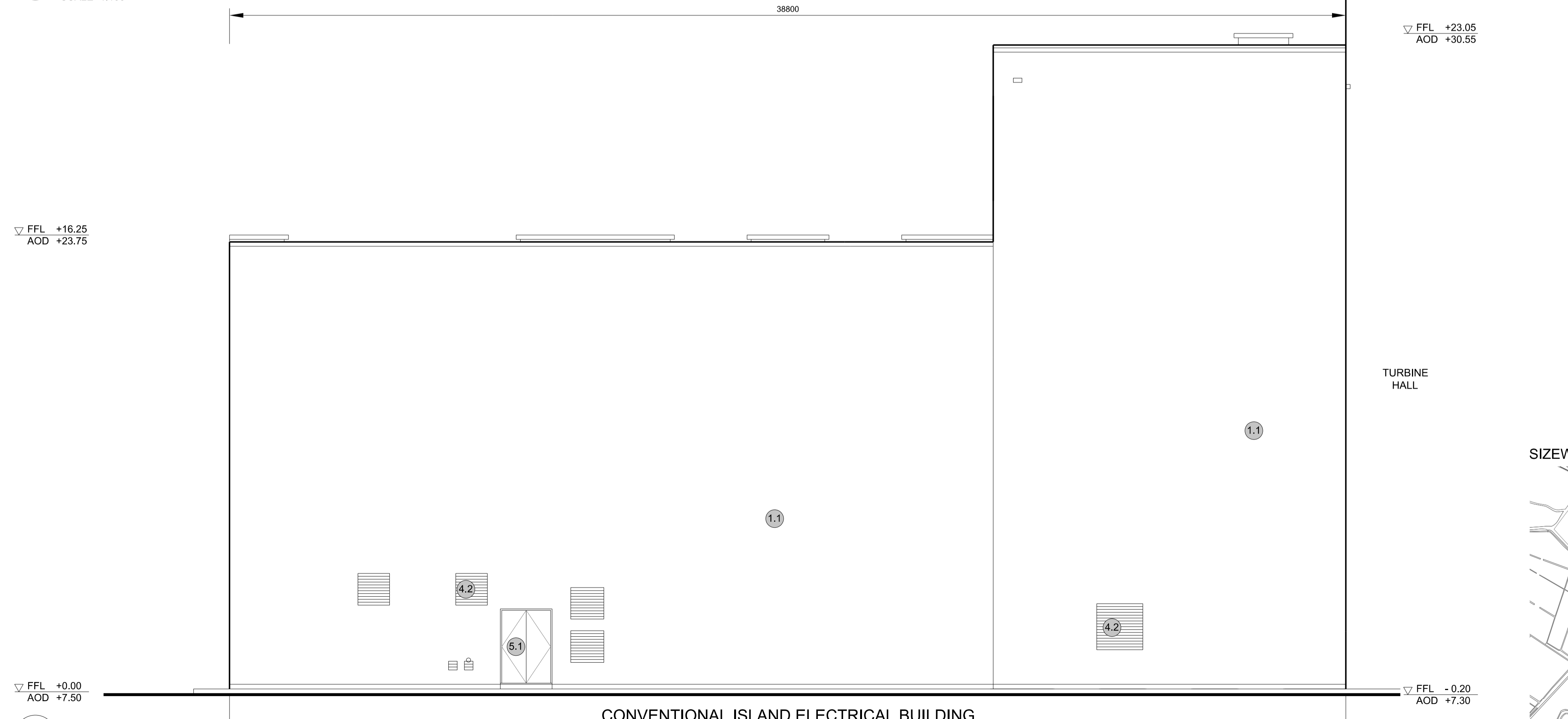
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DATE: FEB 2020
DRAWN: EDH
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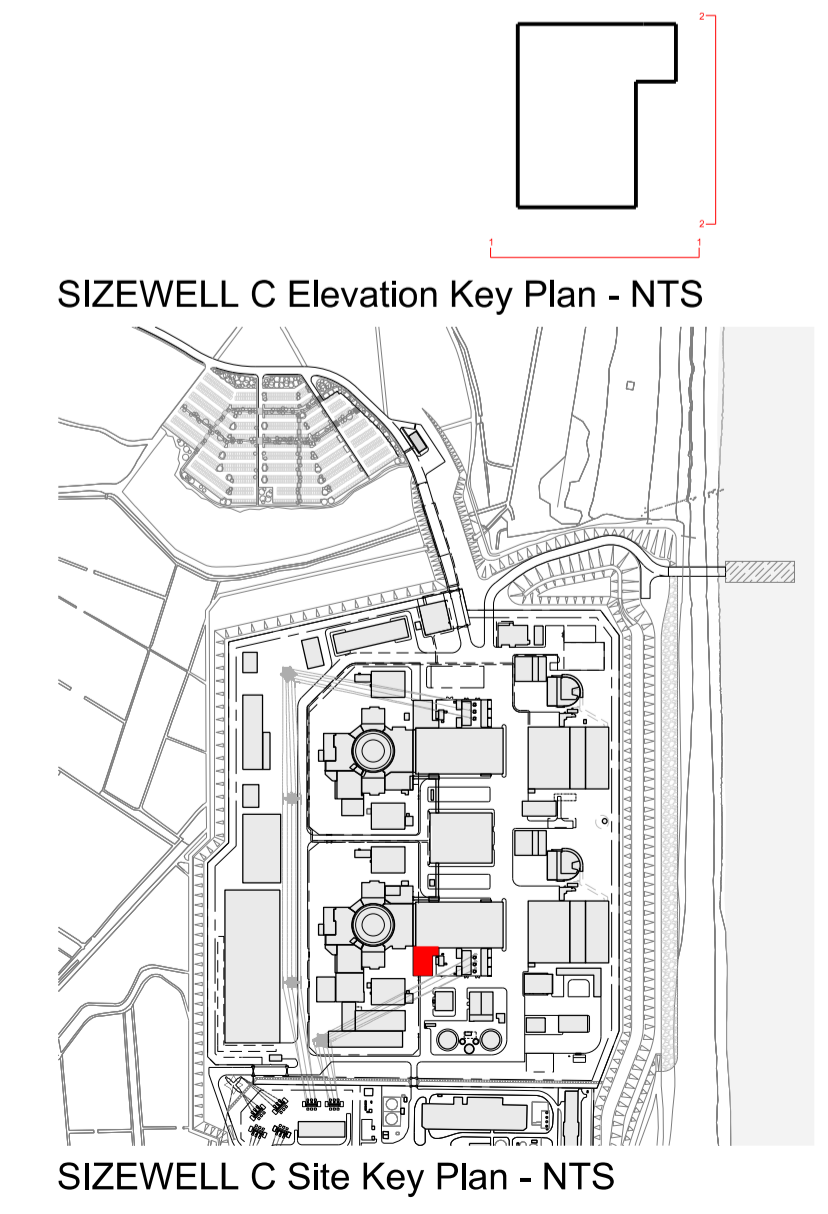




1 SOUTH ELEVATION
SCALE 1:100



2 EAST ELEVATION
SCALE 1:100



SIZEWELL C Elevation Key Plan - NTS

SIZEWELL C Site Key Plan - NTS

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- | | |
|---|---|
| 2.1 Aluminium standing seam | 6 Window / metalwork accessories |
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REVISION	DATE	DRAWN/CHECKED	REASONS FOR REVISION / COMMENTS	APPROVED
01	FEB 20	GA	DCO SUBMISSION	SZC Co

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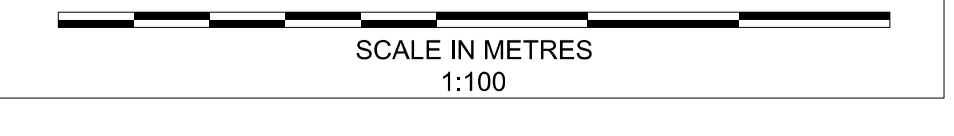
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SIZEWELL C

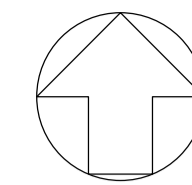
DOCUMENT:
APPLICATION DRAWING - FOR APPROVAL
REGULATION 5(2)(c)

DRAWING TITLE:
MAIN DEVELOPMENT SITE
UNIT 1: CONVENTIONAL ISLAND
ELECTRICAL BLDG
SOUTH & EAST ELEVATIONS

DRAWING NO: SZC-SZ0701-XX-000-DRW-100106	REVISION: 01
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DATE: FEB 2020	DRAWN: EDH	SCALE: 1:100 @ A1
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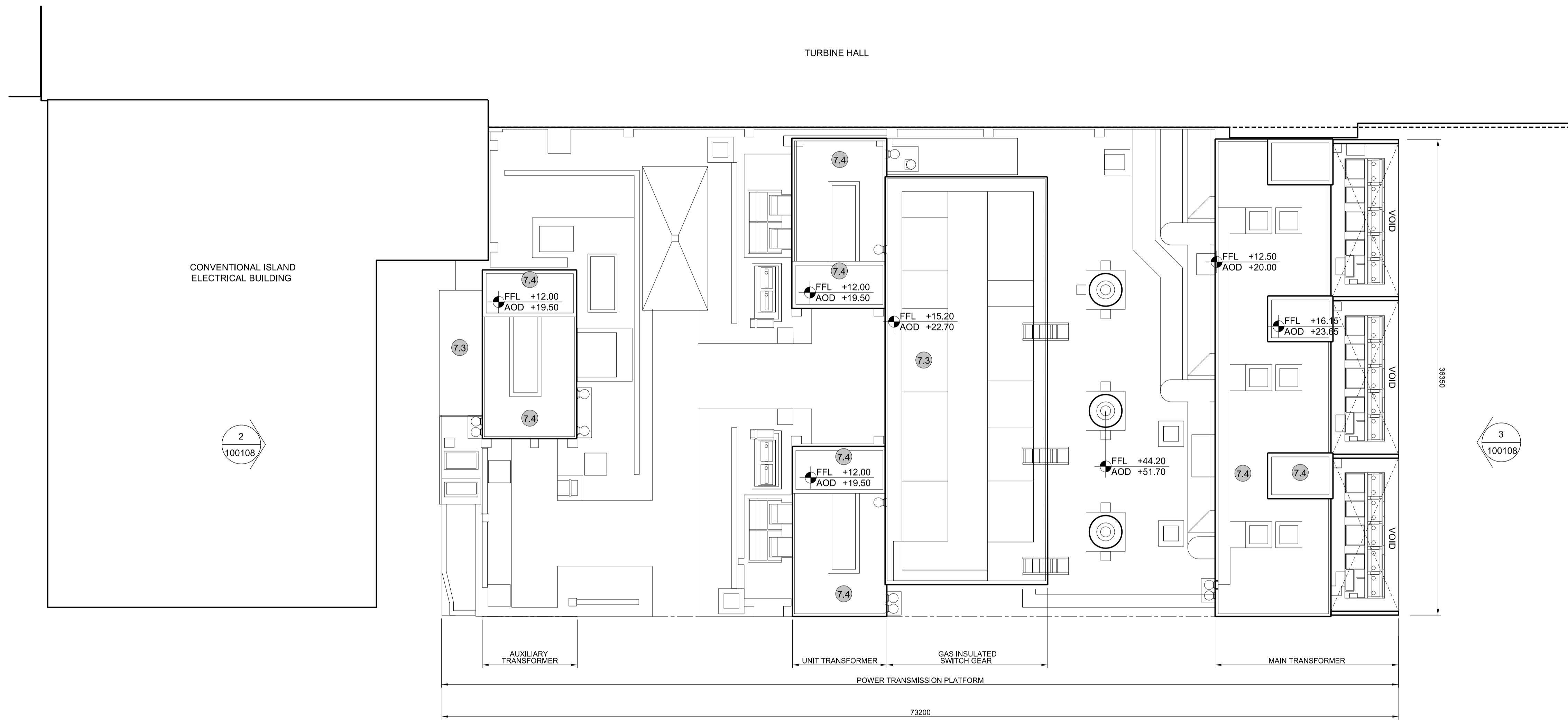


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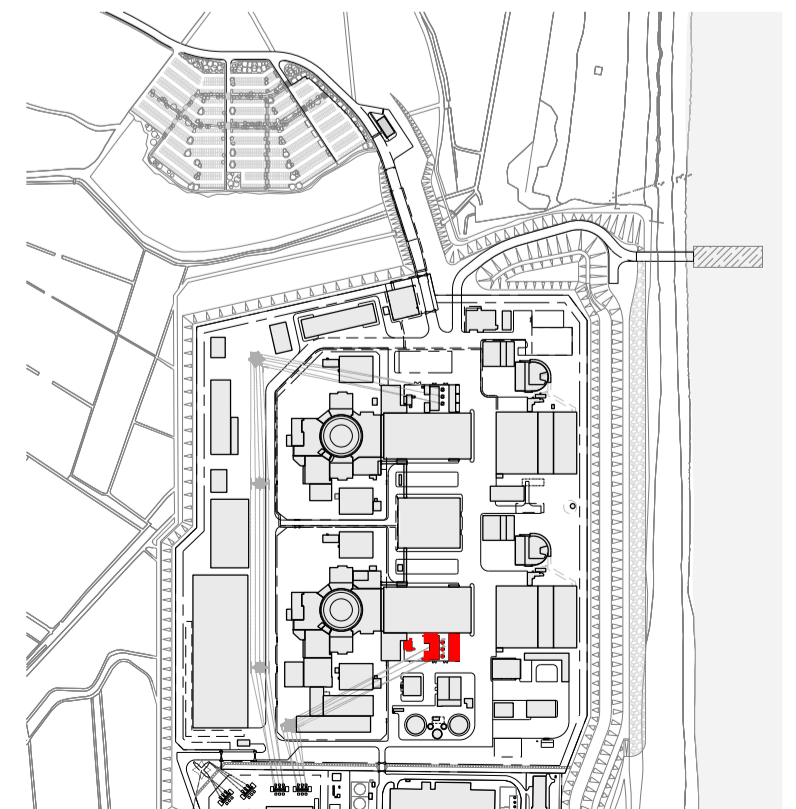
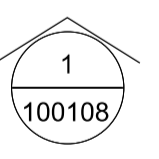
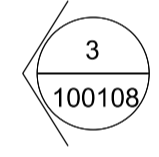
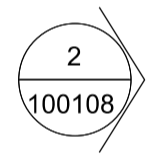
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 - 1.2 Pre-cast concrete
 - 1.3 Render finish
 - 5 Doors
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 - 2.4 Profiled steel panels
 - 2.5 Flat steel panels
 - 2.6 Fibre cement cladding
 - 2.7 Glass reinforced plastic
 - 2.8 Glassfibre reinforced concrete panels
 - 2.9 Anodised Aluminium panels
 - 6 Window / metalwork accessories
 - 6.1 External fabric blinds
 - 6.2 Cavity venetian blinds
 - 6.3 Glazed balustrade
 - 6.4 Metal stairs and ladders
 - 6.5 Steel guardrail
- 3 Glazing / translucent materials**
- 3.1 Glazed curtain wall
 - 3.2 Frameless glazing
 - 3.3 Framed glazing
 - 3.4 Opaque glazed spandrel panel
 - 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
 - 8.7 Roof Plant
 - 8.8 Steel Grid
- 4 External wall features**
- 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



CONVENTIONAL ISLAND ELECTRICAL BUILDING



SIZEWELL C Site Key Plan - NTS

REVISION	DATE	DRAWN/CHECKED	REASONS FOR REVISION / COMMENTS	APPROVED
01	FEB 20	GA	DCO SUBMISSION	SZC Co

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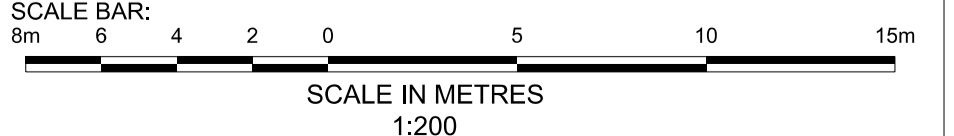
PROJECT: SIZEWELL C

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

DRAWING TITLE:
**MAIN DEVELOPMENT SITE
 UNIT 1: GAS INSULATED SWITCH GEAR /
 MAIN TRANSFORMER / UNIT TRANSFORMER /
 AUXILIARY TRANSFORMER
 ROOF PLAN**

DRAWING NO: SZC-SZ0701-XX-000-DRW-100107 REVISION: 01

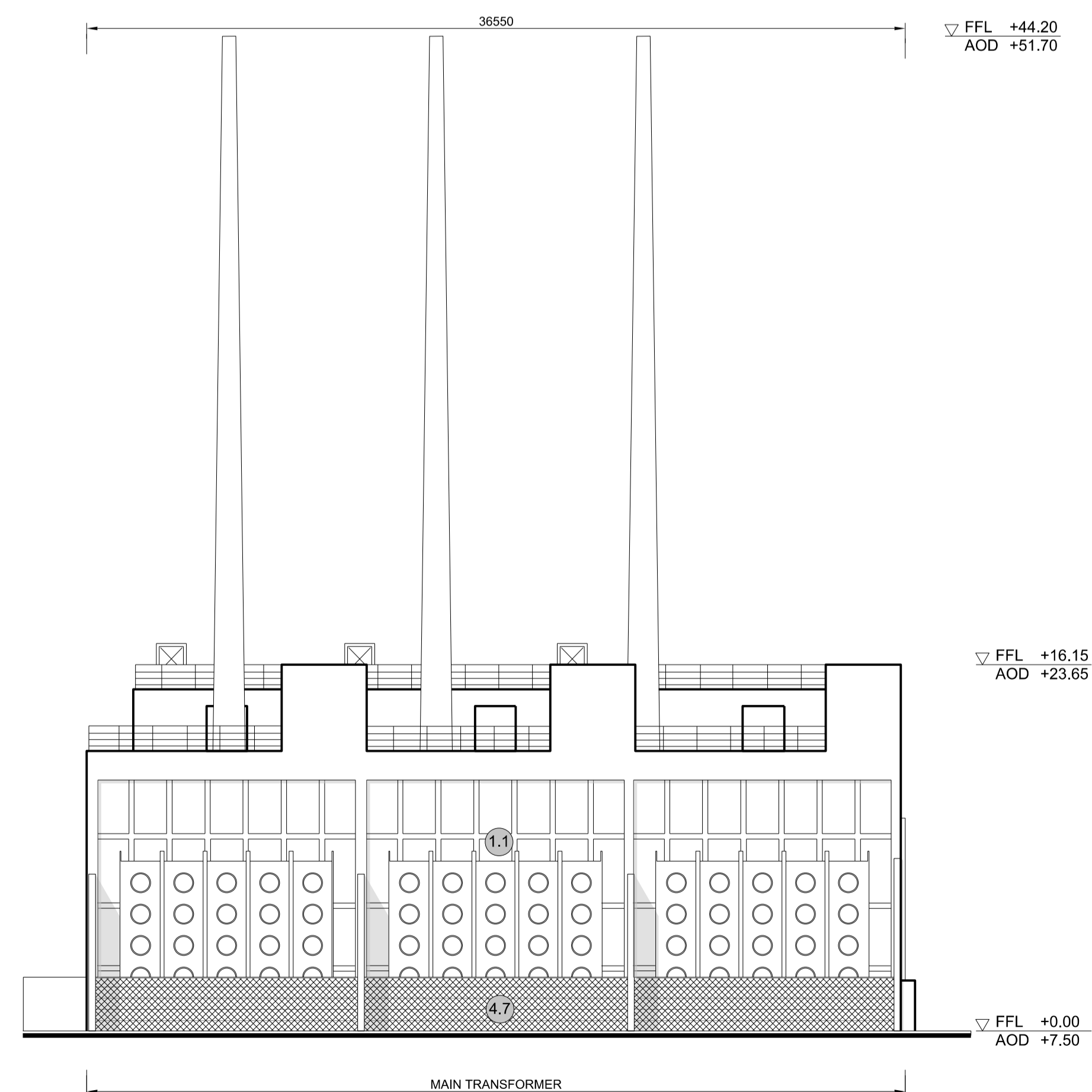
DATE: FEB 2020 DRAWN: EDH SCALE: 1:200 @ A1



1 ROOF PLAN
 SCALE 1:200



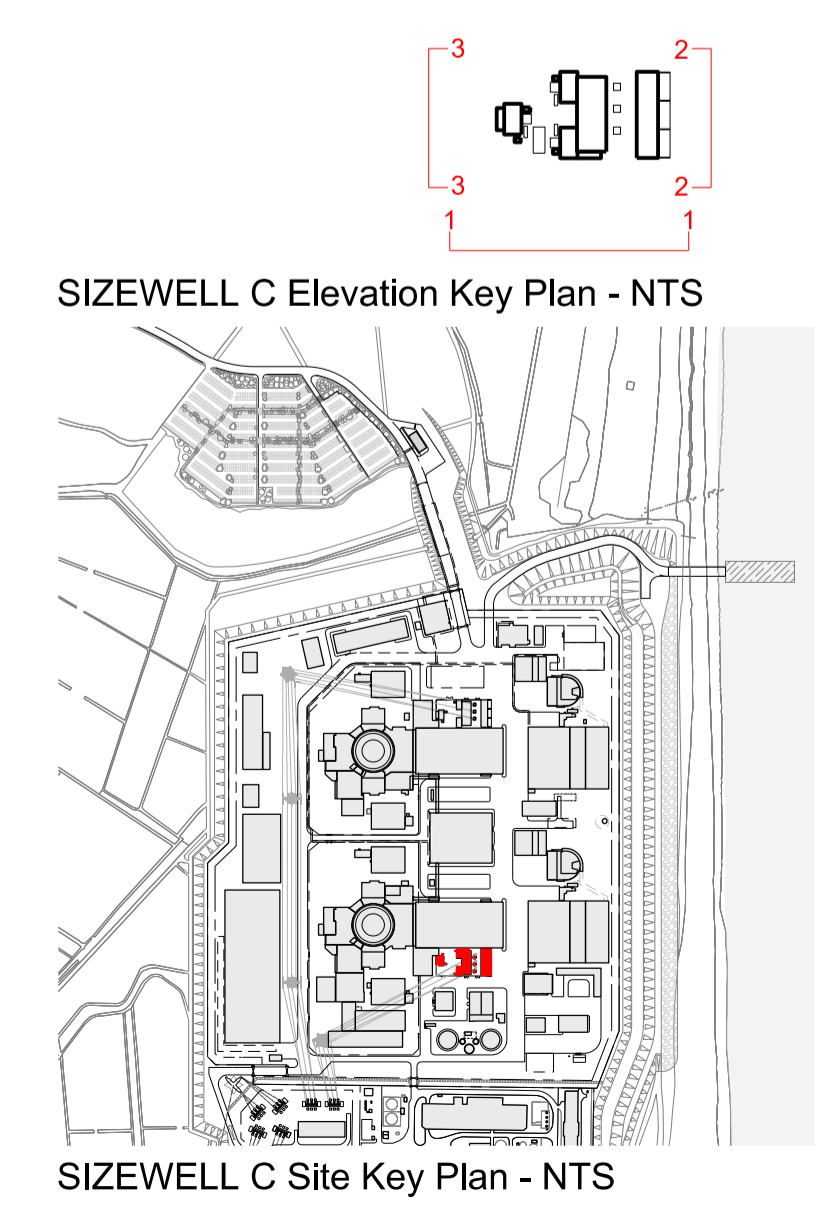
1 SOUTH ELEVATION
SCALE 1:200



2 EAST ELEVATION
SCALE 1:200



3 WEST ELEVATION
SCALE 1:200



SIZEWELL C Elevation Key Plan - NTS

SIZEWELL C Site Key Plan - NTS

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

- KEY:**
- Vertical Enclosure Wall**
- | | |
|-------------------------------------|-----------------------|
| 1 Concrete / render finishes | 5 Doors |
| 1.1 In-situ concrete | 5.1 Metal door |
| 1.2 Pre-cast concrete | 5.2 Metal louvre door |
| 1.3 Render finish | 5.3 Glazed door |
| | 5.4 Access gates |
- 2 Cladding**
- | | |
|--|---|
| 2.1 Aluminium standing seam | 6 Window / metalwork accessories |
| 2.2 Aluminium panels | 6.1 External fabric blinds |
| 2.3 Aluminium fins | 6.2 Cavity venetian blinds |
| 2.4 Profiled steel panels | 6.3 Glazed balustrade |
| 2.5 Flat steel panels | 6.4 Metal stairs and ladders |
| 2.6 Fibre cement cladding | 6.5 Steel guardrail |
| 2.7 Glass reinforced plastic concrete panels | |
| 2.9 Anodised Aluminium panels | |
- 3 Glazing / translucent materials**
- | | |
|----------------------------------|------------------------|
| 3.1 Glazed curtain wall | 7 Roofing |
| 3.2 Frameless glazing | 7.1 Sedum roof |
| 3.3 Framed glazing | 7.2 Ballast |
| 3.4 Opaque glazed spandrel panel | 7.3 Standing seam roof |
| | 7.4 Concrete roof |
- 4 External wall features**
- | | |
|--|--------------------------------|
| 4.1 Aluminium trims, copings and casings | 8 Roofing Accessories |
| 4.2 Aluminium louvres | 8.1 Roof light |
| 4.3 Steel louvres | 8.2 Roof vents and hatches |
| 4.4 Aluminium brise-soleil | 8.3 Metal cappings and copings |
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| 4.9 Retractable steel shutters | 8.8 Steel Grid |
| 4.10 Wall vents and hatches | |
| 4.11 Rainwater pipe and hopper | |

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PROJECT:
SIZEWELL C

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

DRAWING TITLE:
MAIN DEVELOPMENT SITE
UNIT 1: GAS INSULATED SWITCH GEAR /
MAIN TRANSFORMER / UNIT TRANSFORMER /
AUXILIARY TRANSFORMER
ELEVATIONS

DRAWING NO: SZC-SZ0701-XX-000-DRW-100108 REVISION: 01

DATE: FEB 2020 DRAWN: EDH SCALE: 1:200 @ A1

