



The Sizewell C Project

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

May 2020

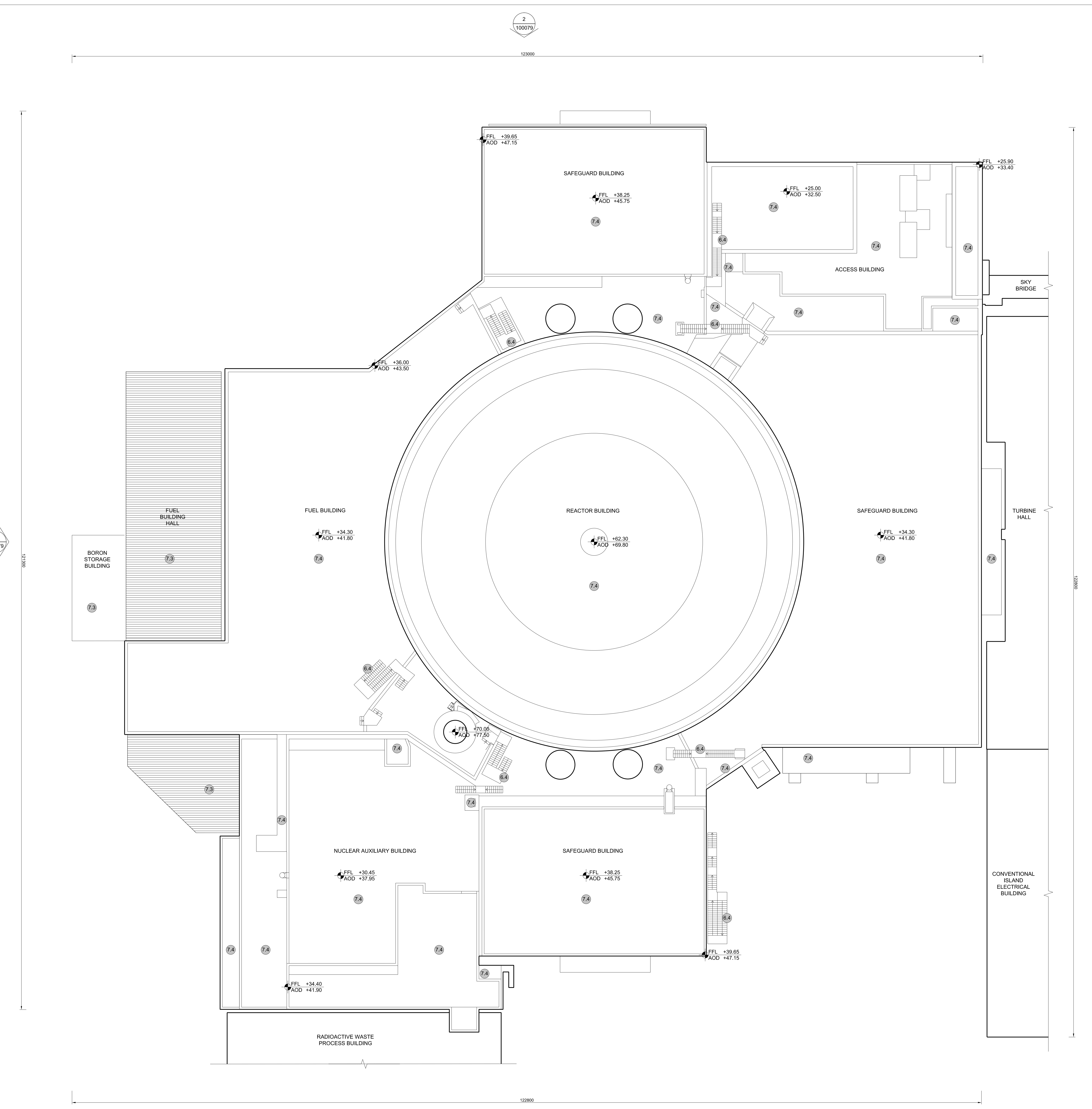
Planning Act 2008
Infrastructure Planning (Applications: Prescribed Forms and Procedure) Regulations 2009

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



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

Drawing Number	Revision	Drawing Title	Scale	Sheet Size
Unit 1: Reactor Bldg / Fuel Bldg / Fuel Bldg Hall / Boron Storage / Safeguard Bldgs / Nuclear Auxiliary Bldg / Access Tower				
SZC-SZ0701-XX-000-DRW-100078	01	Roof Plan	1:200	A0
SZC-SZ0701-XX-000-DRW-100079	01	West & North Elevations	1:200	A0
SZC-SZ0701-XX-000-DRW-100080	01	East & South Elevations	1:200	A0
Unit 1: Radioactive Waste Storage / Radioactive Waste Process Building				
SZC-SZ0701-XX-000-DRW-100081	01	Roof Plan	1:200	A1
SZC-SZ0701-XX-000-DRW-100082	01	Elevations	1:200	A1
Unit 1: Hot Laundry Building / Hot workshop / Hot warehouse / Facilities for Decontamination / Effluent Tanks/ Refuelling Water Storage Tank				
SZC-SZ0701-XX-000-DRW-100083	01	Roof Plan	1:200	A1
SZC-SZ0701-XX-000-DRW-100084	01	Elevations	1:200	A1
Unit 1: Emergency Diesel Generator Building – A/ Cooling Water Discharge Weir Building (Type 2)				
SZC-SZ0701-XX-000-DRW-100085	01	Roof Plan	1:200	A1
SZC-SZ0701-XX-000-DRW-100086	01	Elevations	1:200	A1
Unit 1: Emergency Diesel Generator Building – B/ Cooling Water Discharge Weir Building (Type 1)				
SZC-SZ0701-XX-000-DRW-100087	01	Roof Plan	1:200	A1
SZC-SZ0701-XX-000-DRW-100088	01	Elevations	1:200	A1



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 | 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 | |

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

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PROJECT:
SIZEWELL C

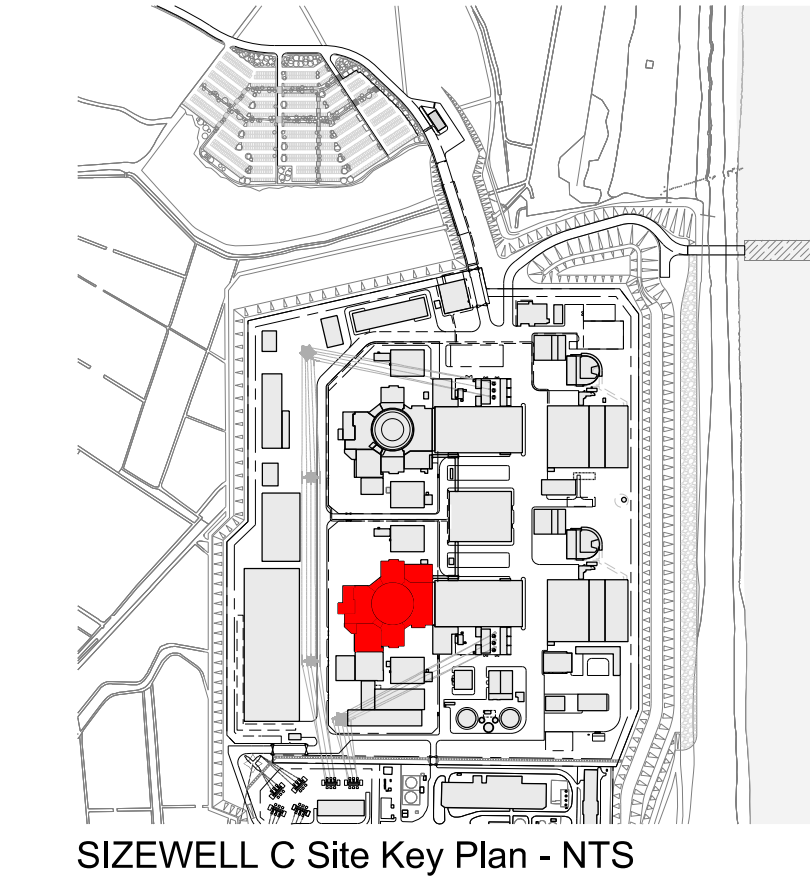
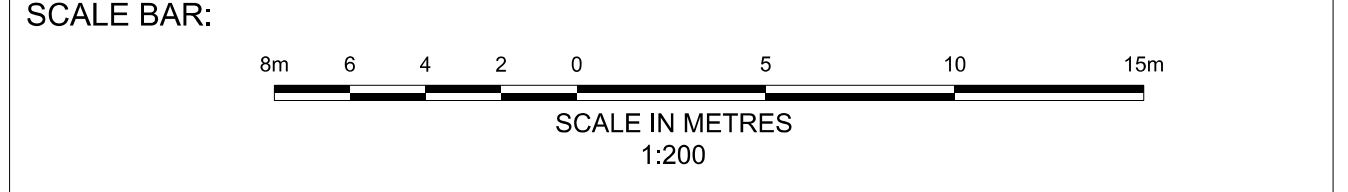
DOCUMENT:
APPLICATION DRAWING - FOR APPROVAL REGULATION 5(2)(o)

DRAWING TITLE:
**MAIN DEVELOPMENT SITE
UNIT 1: REACTOR BLDG / FUEL BLDG / FUEL HALL /
BORON STORAGE BLDG / SAFEGUARD BLDGS /
NUCLEAR AUXILIARY BLDG / ACCESS TOWER
ROOF PLAN**

DRAWING NO:
SZC-SZ0701-XX-000-DRW-100078

REVISION:
01

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



1 ROOF PLAN
SCALE 1:200

▽ FFL +70.00
AGD +77.50

▽ FFL +82.30
AGD +89.80

▽ FFL +39.65
AGD +47.15

▽ FFL +0.00
AGD +7.50

▽ FFL -0.20
AGD +7.30

1 WEST ELEVATION

SCALE 1:200

▽ FFL +70.00
AGD +77.50

▽ FFL +82.30
AGD +89.80

▽ FFL +39.65
AGD +47.15

▽ FFL +0.00
AGD +7.50

▽ FFL -0.20
AGD +7.30

2 NORTH ELEVATION

SCALE 1:200

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NOTES:

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KEY:

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| Vertical Enclosure | Horizontal Enclosure |
| Wall | Roof |
| 1 Concrete / render finishes | 7 Roofing |
| 1.1 In-situ concrete | 7.1 Sedum roof |
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| 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 |
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| 3.1 Glazed curtain wall | |
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| 3.4 Opaque glazed spandrel panel | |
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| 6.3 Glazed balustrade | |
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| 6.5 Steel guardrail | |

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

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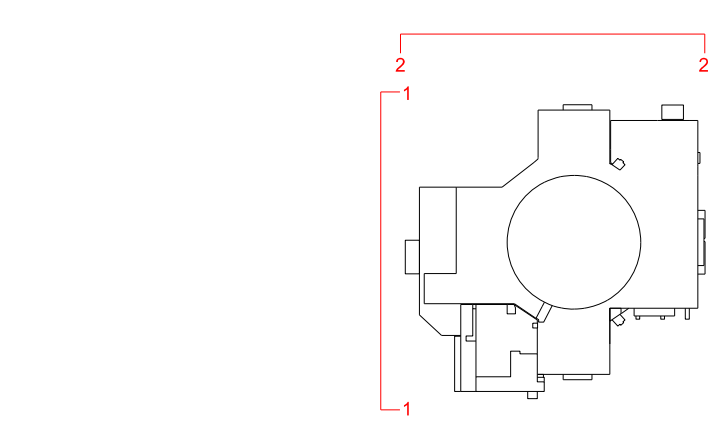
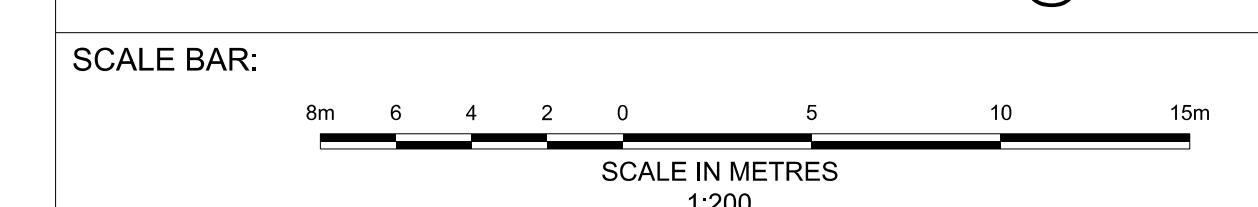
PROJECT:
SIZEWELL C

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

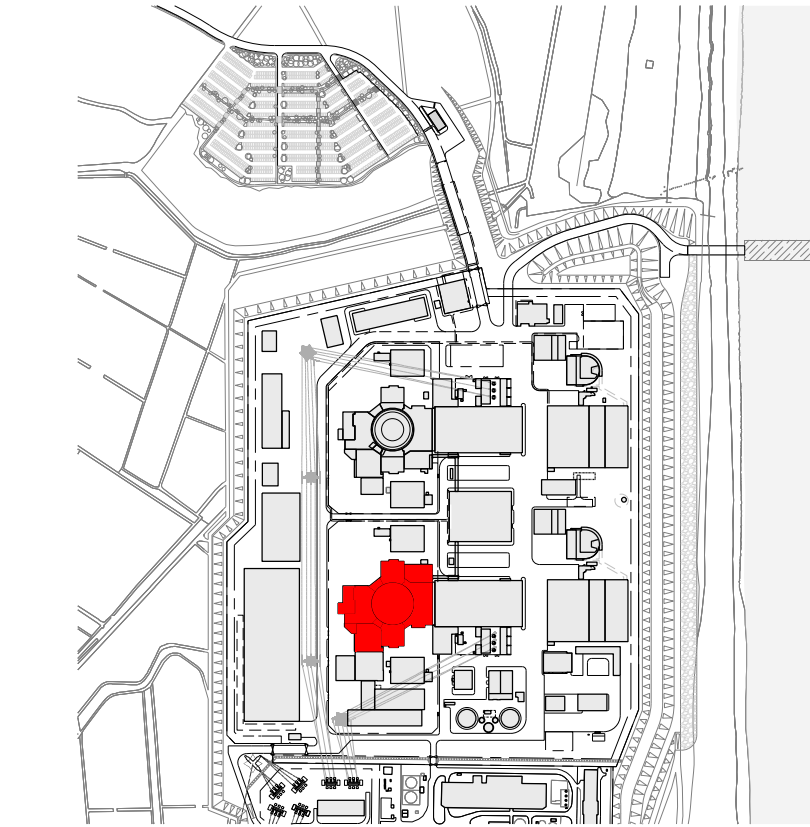
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MAIN DEVELOPMENT SITE
UNIT 1: REACTOR BLDG / FUEL BLDG / FUEL HALL / BORON STORAGE BLDG / SAFEGUARD BLDGS / NUCLEAR AUXILIARY BLDG / ACCESS TOWER WEST & NORTH ELEVATIONS

DRAWING NO: SZC-SZ0701-XX-000-DRW-100079 **REVISION:** 01

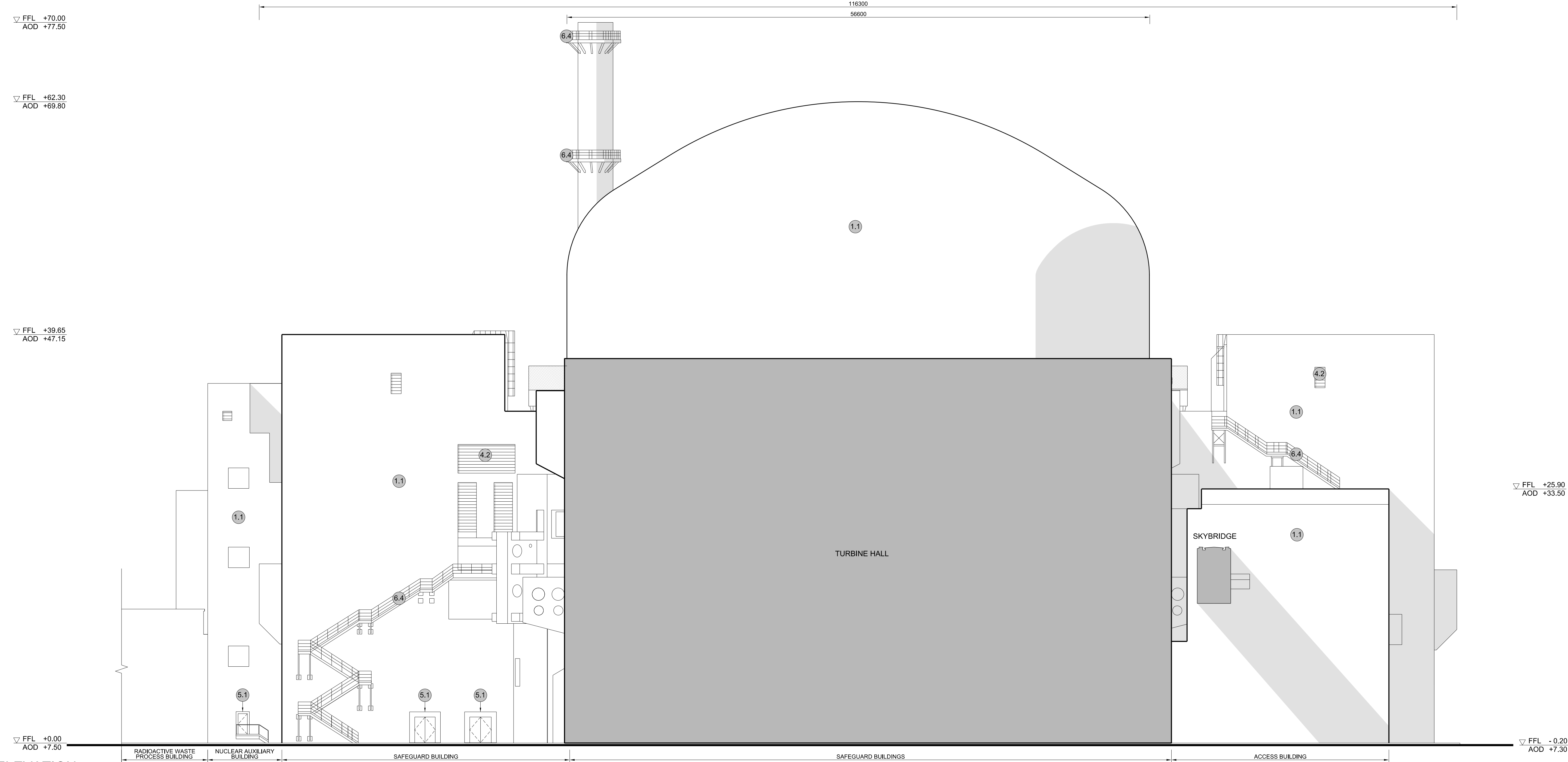
DATE: FEB 2020 **DRAWN:** CH **SCALE:** 1:200 @ A0



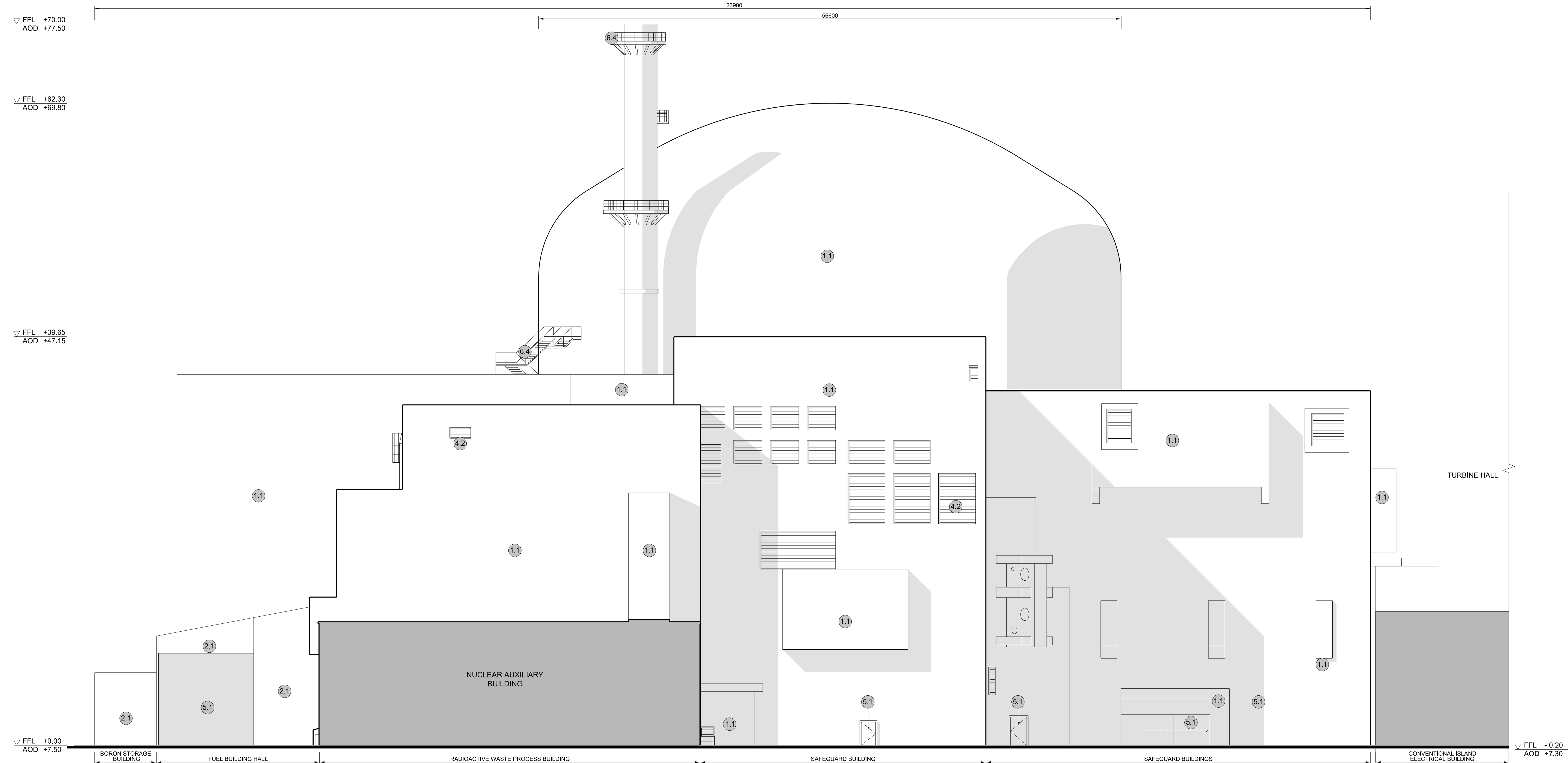
SIZEWELL C Elevation Key Plan - NTS



SIZEWELL C Site Key Plan - NTS



1 EAST ELEVATION
SCALE 1:200



2 SOUTH ELEVATION
SCALE 1:200

NOTES:

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| 6.5 Steel guardrail | |

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PROJECT:
SIZEWELL C

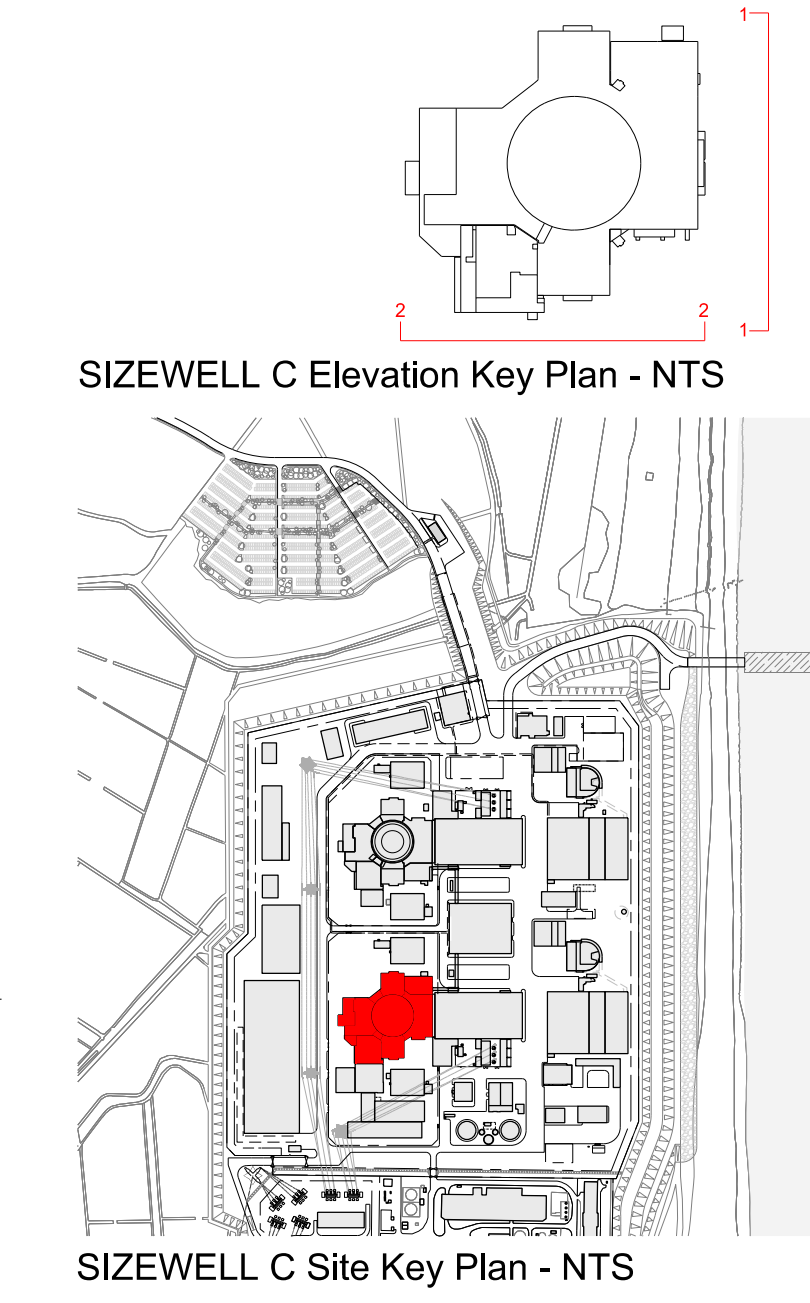
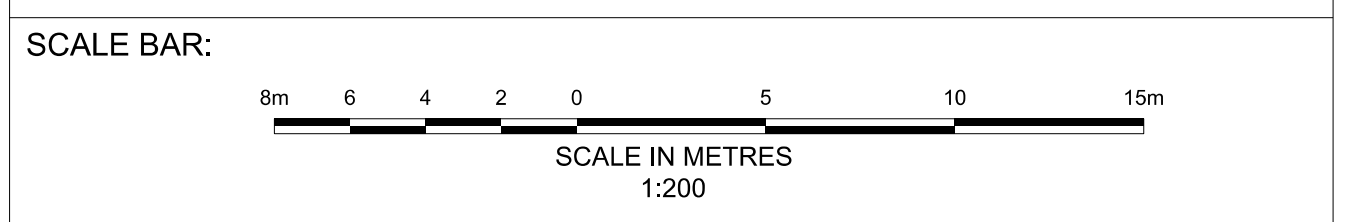
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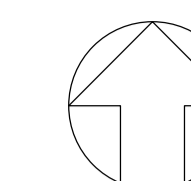
DRAWING TITLE:
**MAIN DEVELOPMENT SITE
UNIT 1: REACTOR BLDG / FUEL BLDG / FUEL HALL /
BORON STORAGE BLDG / SAFEGUARD BLDGS /
NUCLEAR AUXILIARY BLDG / ACCESS TOWER
EAST & SOUTH ELEVATIONS**

DRAWING NO:
SZC-SZ0701-XX-000-DRW-100080

REVISION:
01

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





NOTES:

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

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 |
| 4.5 Glass brise-soleil | 8.4 Paving |
| 4.6 Mesh expanded metal panels | 8.5 PVs and solar panels |
| 4.7 Fencing | 8.6 Timber decking |
| 4.8 Barbed tape | 8.7 Roof Plant |
| 4.9 Retractable steel shutters | 8.8 Steel Grid |
| 4.10 Wall vents and hatches | |
| 4.11 Rainwater pipe and hopper | |

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:RADIOACTIVE WASTE STORAGE BLDG
/ RADIOACTIVE WASTE PROCESS BLDG
ROOF PLAN

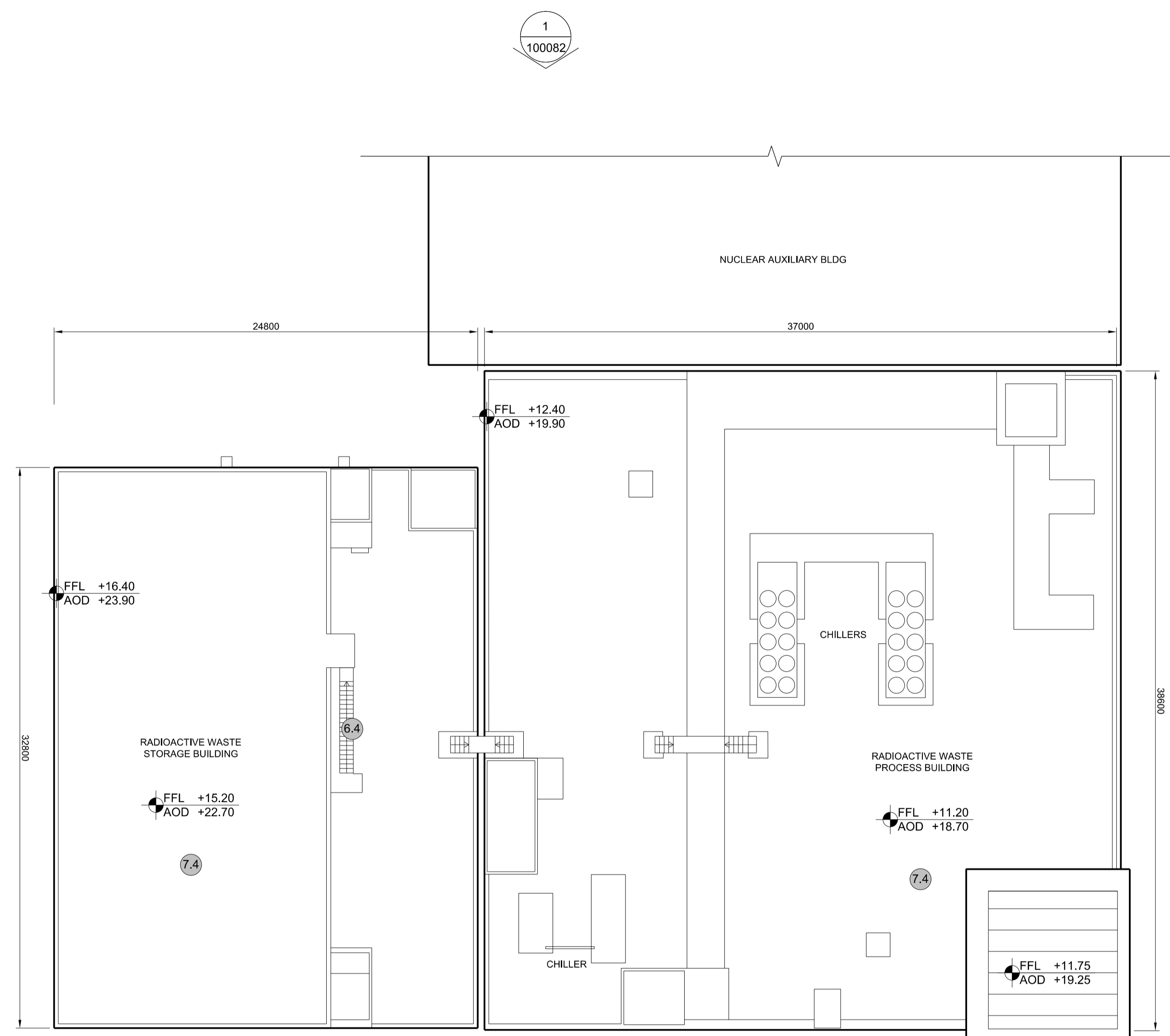
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REVISION:
01

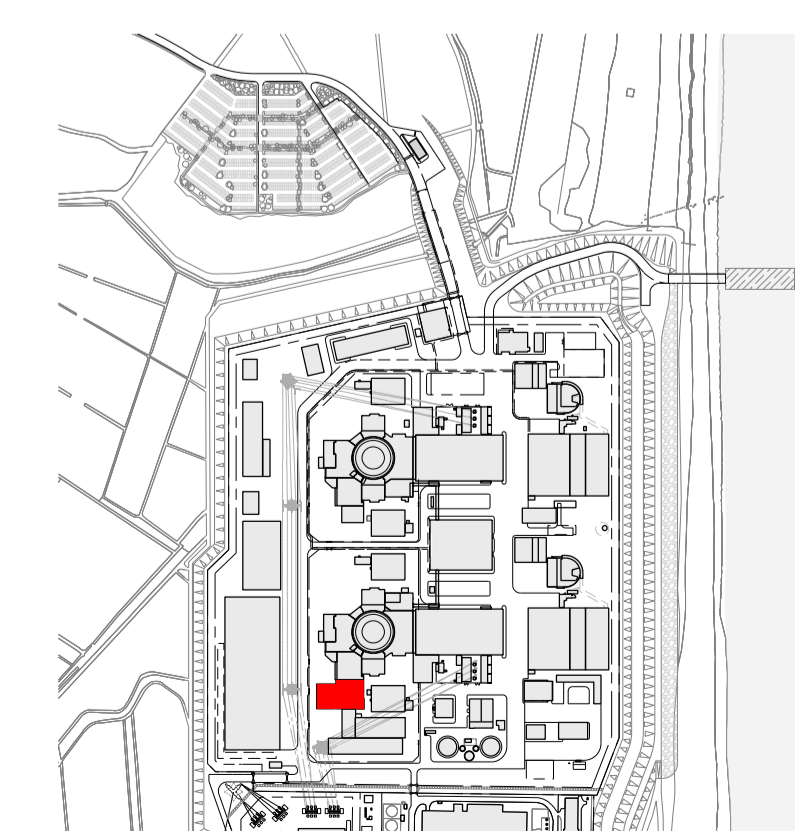
DATE:
FEB 2020

DRAWN:
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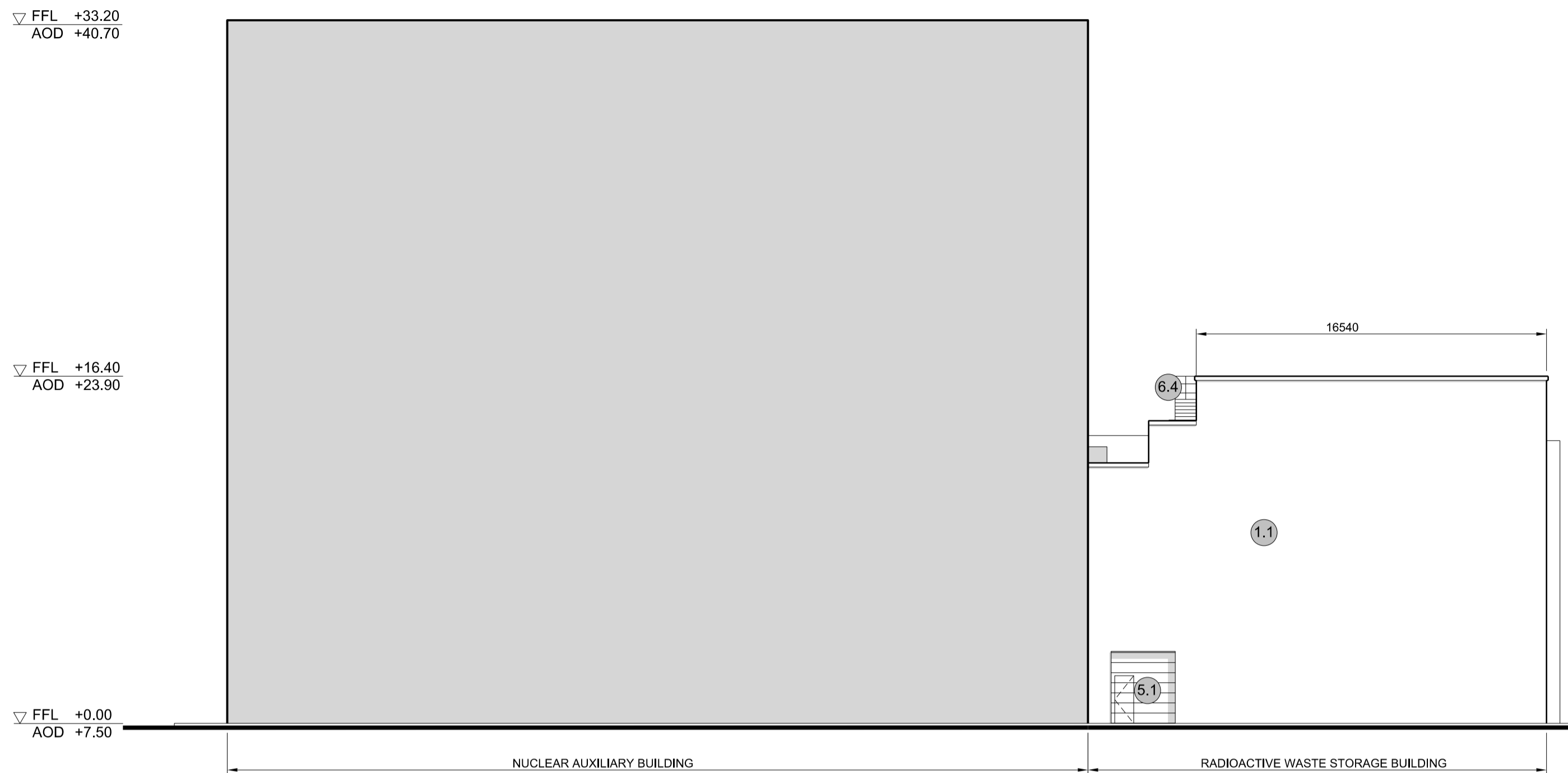
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1:200 @ A1



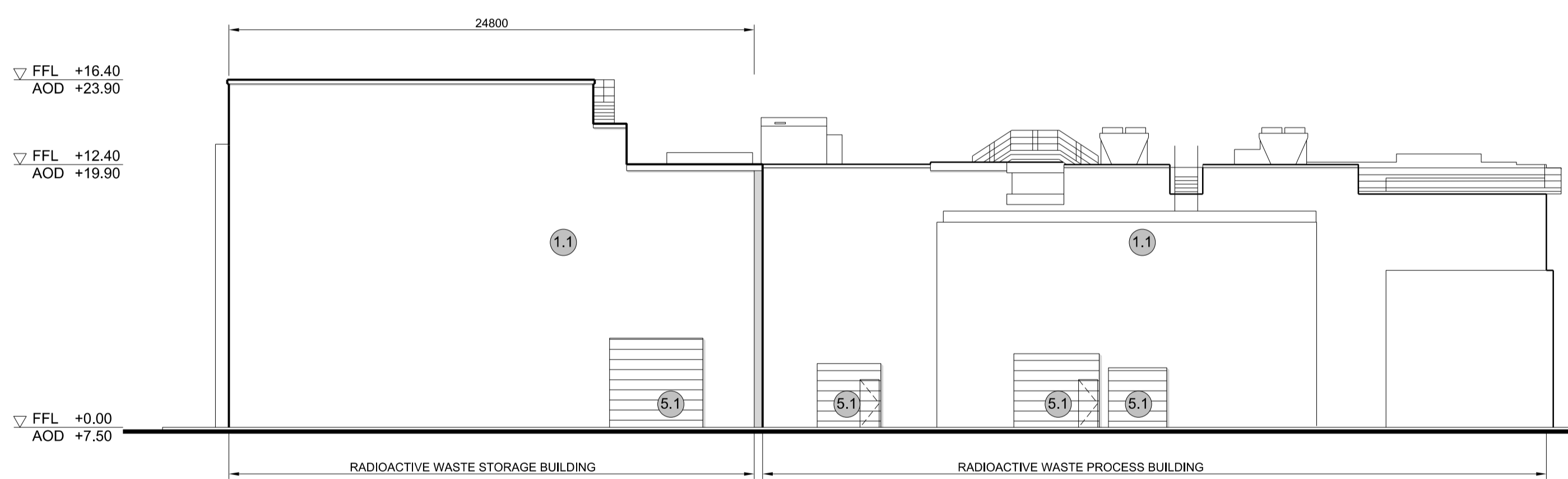
5 ROOF PLAN
SCALE 1:200



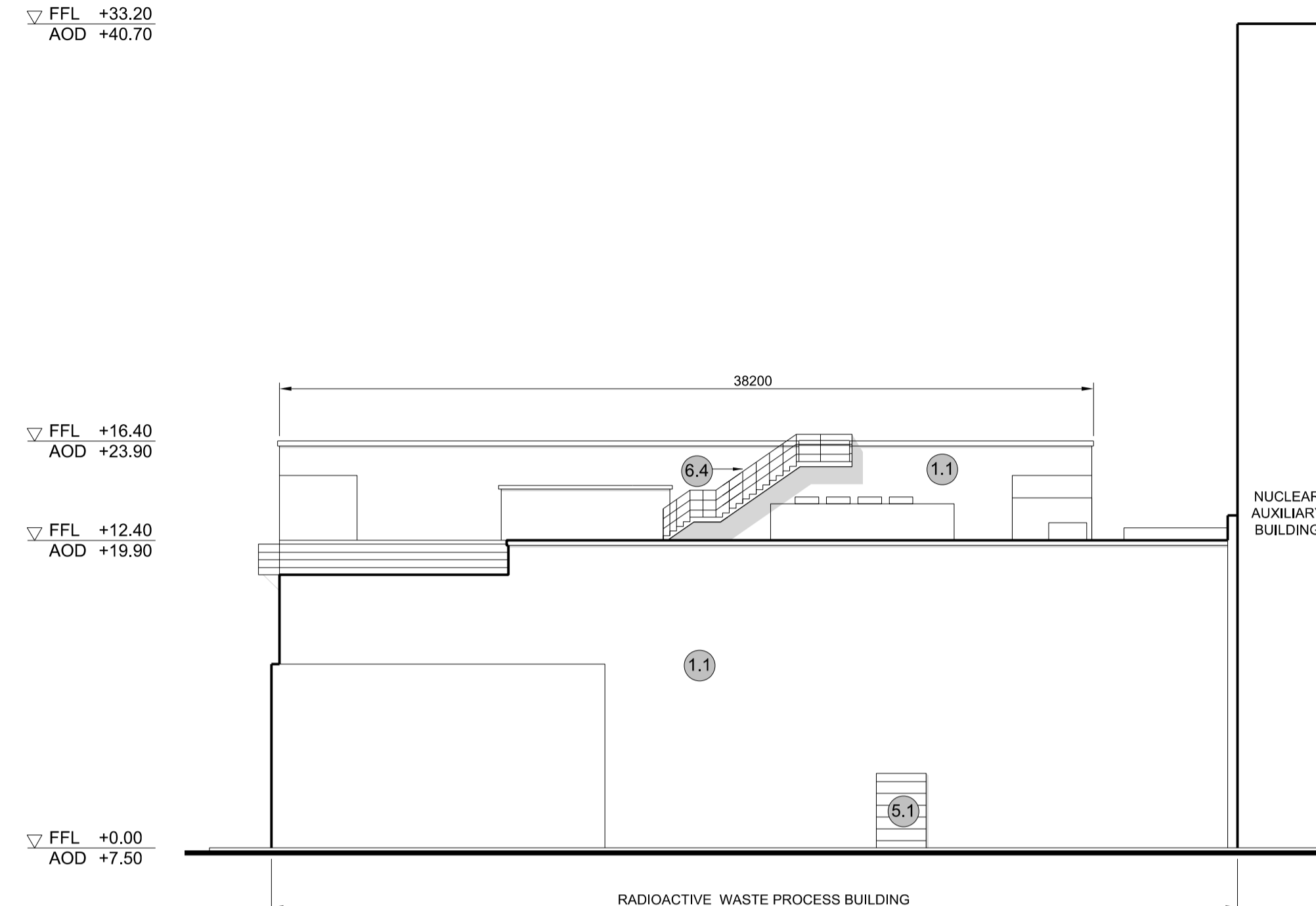
SIZEWELL C Site Key Plan - NTS



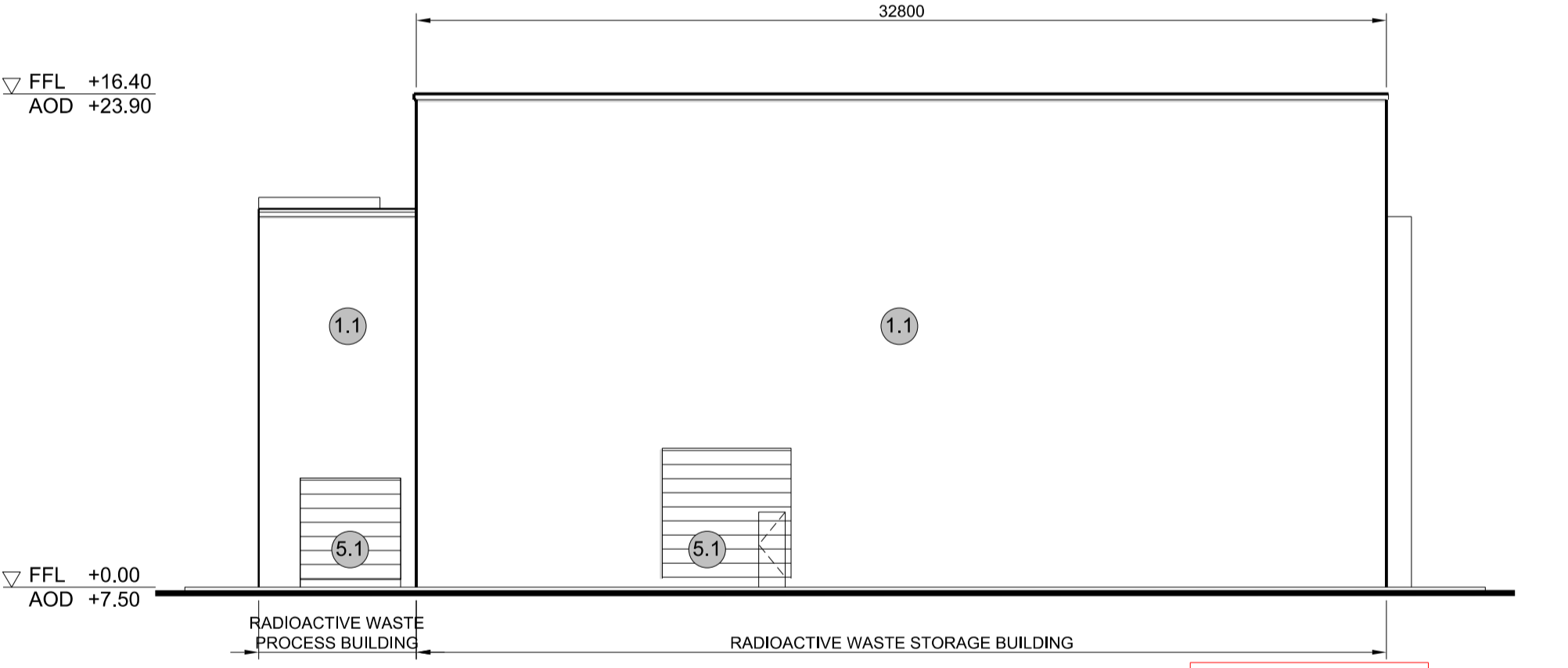
1 NORTH ELEVATION
SCALE 1:200



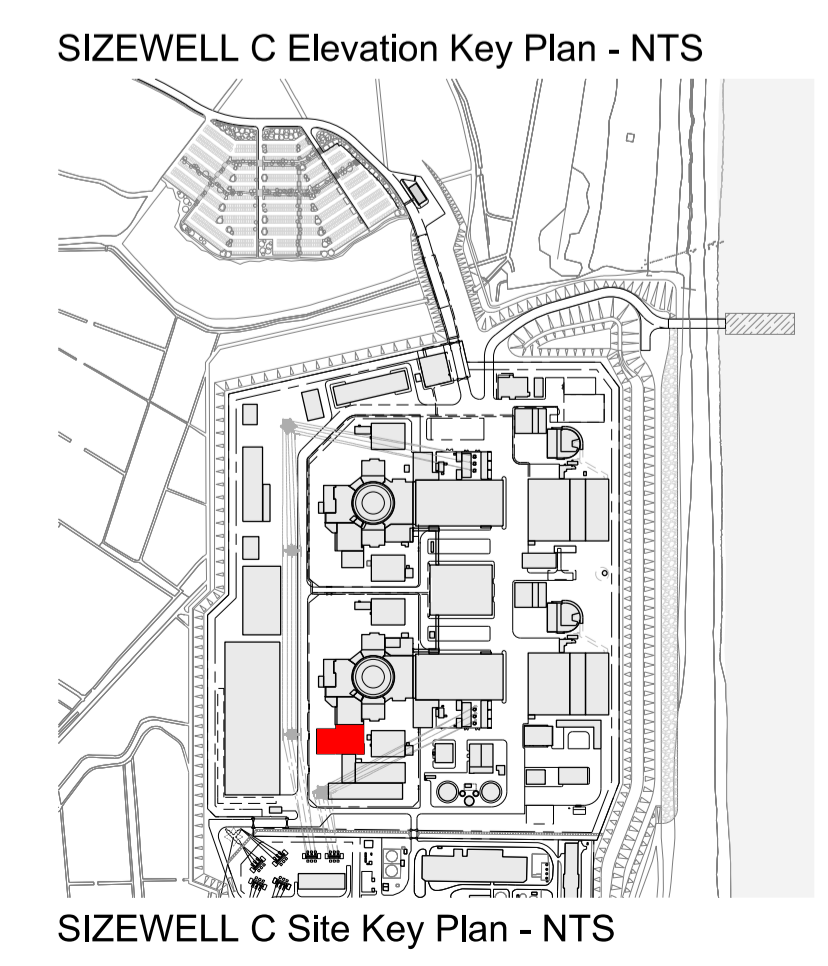
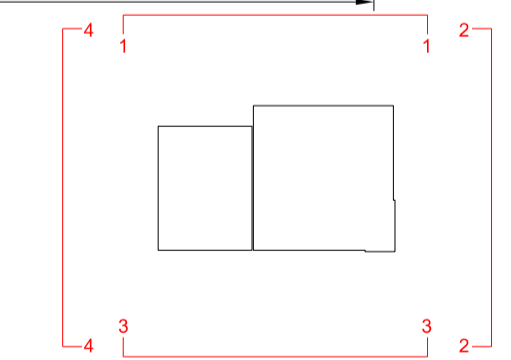
3 SOUTH ELEVATION
SCALE 1:200



2 EAST ELEVATION
SCALE 1:200



4 WEST ELEVATION
SCALE 1:200



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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 |
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| 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 | 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**
- | | |
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| 4.1 Aluminium trims, copings and casings | 8 Roofing Accessories |
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01	FEB 20	GA	GA	DCO SUBMISSION	SZC Co
REVISION	DATE	DRAWN	CHECKED	REASONS FOR REVISION / COMMENTS	APPROVED

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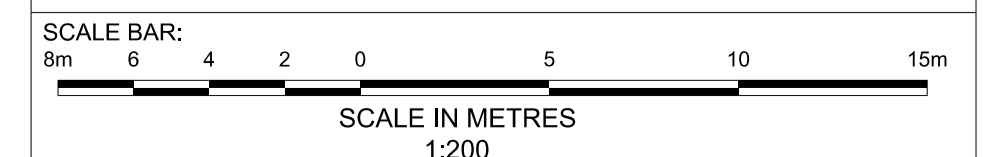
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SIZEWELL C

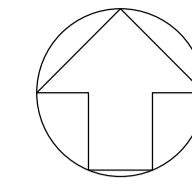
DOCUMENT:
APPLICATION DRAWING - FOR APPROVAL REGULATION 5(2)(o)

DRAWING TITLE:
**MAIN DEVELOPMENT SITE
UNIT 1: RADIOACTIVE WASTE STORAGE BLDG / RADIOACTIVE WASTE PROCESS BLDG
ELEVATIONS**

DRAWING NO: **SZC-SZ0701-XX-000-DRW-100082** REVISION: **01**

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

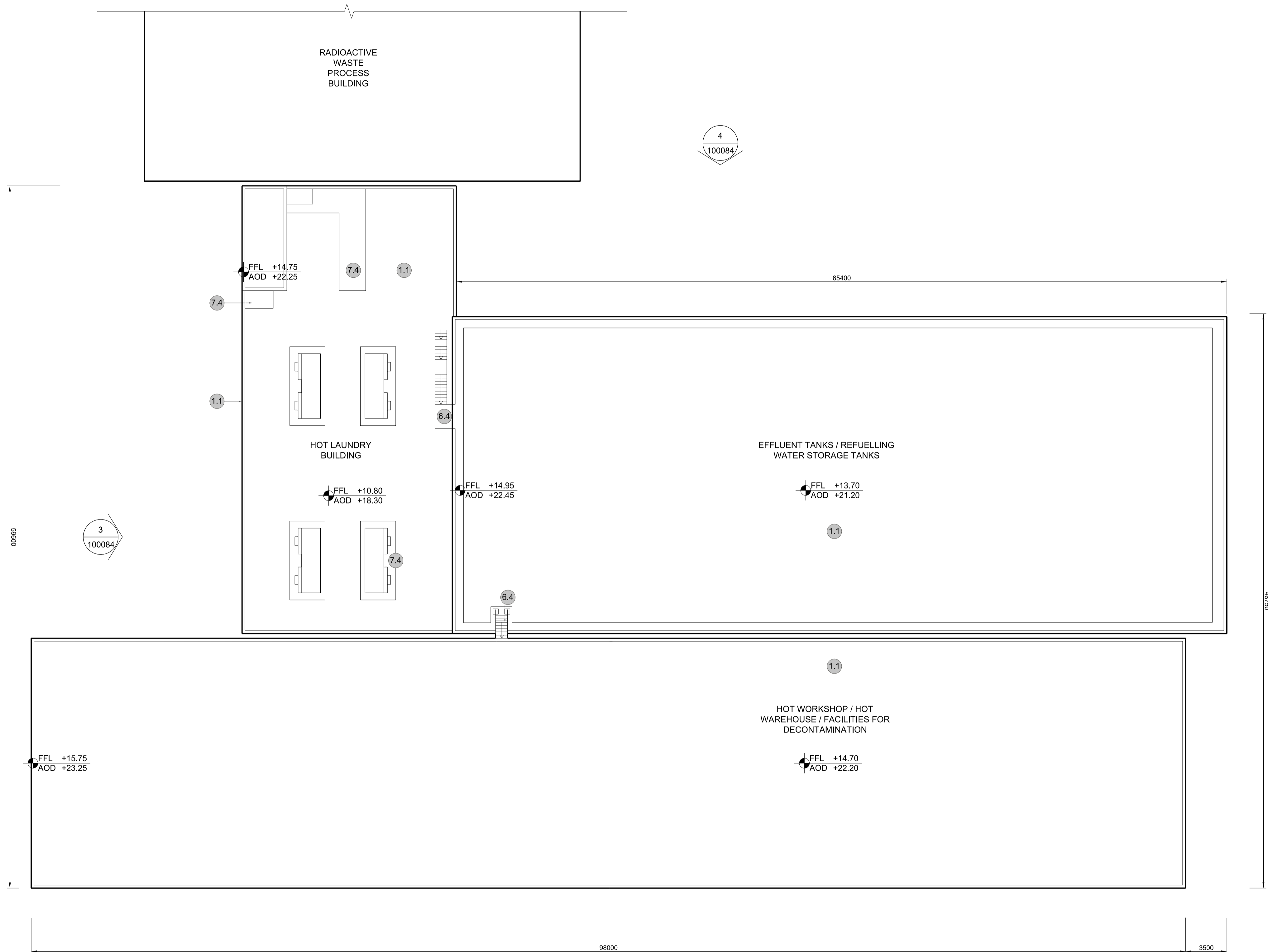




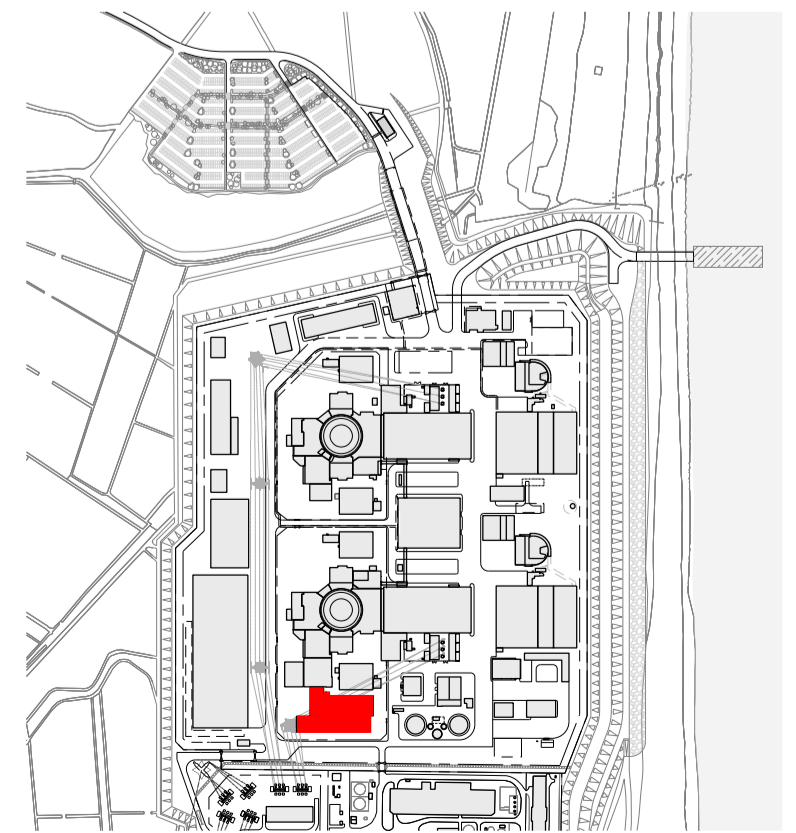
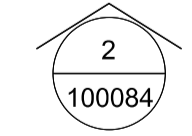
NOTES:

- 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 stated roof height, see Sizewell C Design and Access Statement for details.

- 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 | |
| 2.8 Glassfibre reinforced 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 and casings**
- | | |
|--|--------------------------------|
| 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 |
| 4.5 Glass brise-soleil | 8.4 Paving |
| 4.6 Mesh expanded metal panels | 8.5 PVs and solar panels |
| 4.7 Fencing | 8.6 Timber decking |
| 4.8 Barbed tape | 8.7 Roof Plant |
| 4.9 Retractable steel shutters | 8.8 Steel Grid |
| 4.10 Wall vents and hatches | |
| 4.11 Rainwater pipe and hopper | |



1 ROOF PLAN
SCALE 1:200



SIZEWELL C Site Key Plan - NTS

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

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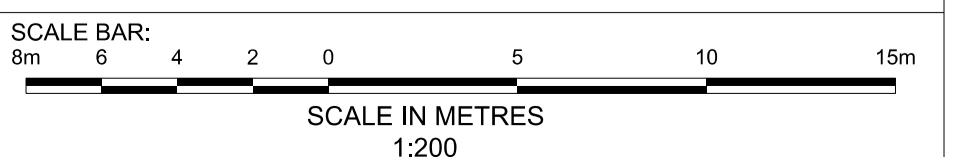
PROJECT:
SIZEWELL C

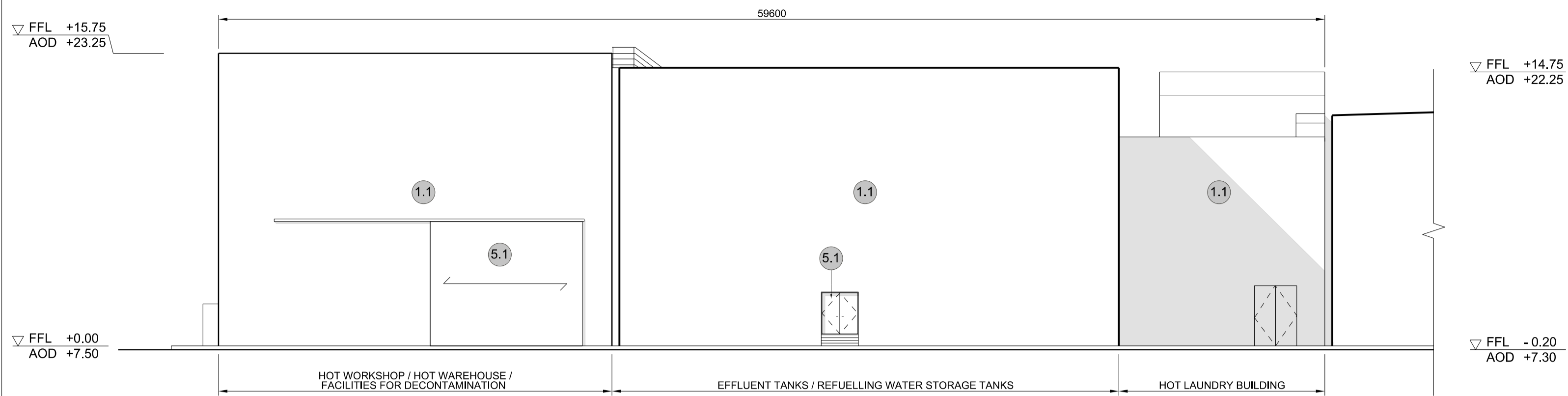
DOCUMENT:
APPLICATION DRAWING - FOR APPROVAL REGULATION 5(2)(c)

DRAWING TITLE:
MAIN DEVELOPMENT SITE
UNIT 1: HOT LAUNDRY BLDG / HOT WORKSHOP / HOT WAREHOUSE / FACILITIES FOR DECONTAMINATION / EFFLUENT TANKS / REFUELLING WATER STORAGE TANK
ROOF PLAN

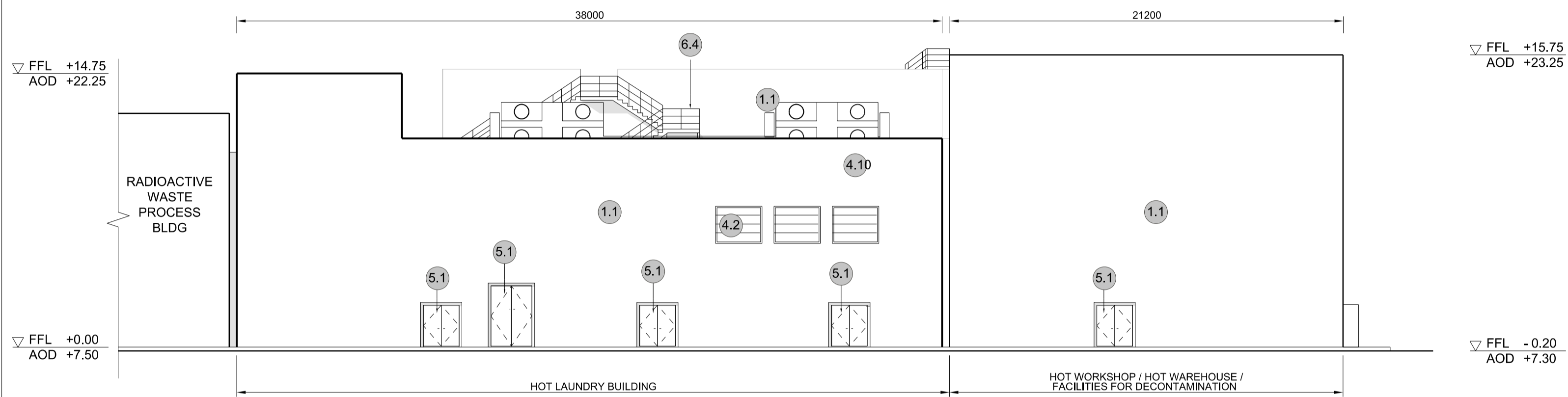
DRAWING NO: SZC-SZ0701-XX-000-DRW-100083 REVISION: 01

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

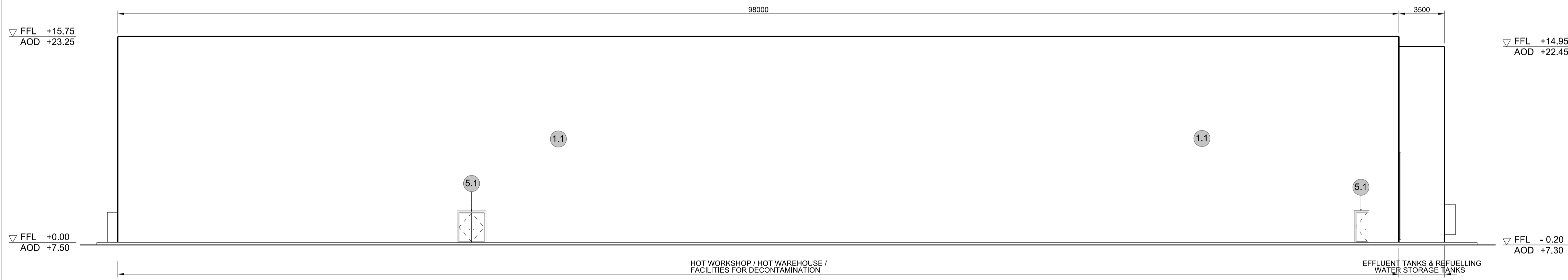




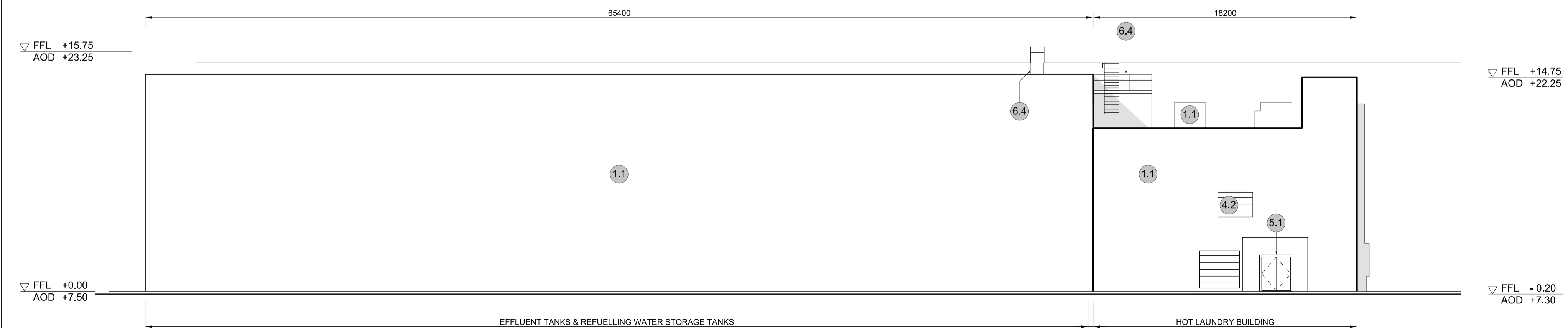
1 EAST ELEVATION
SCALE 1:200



2 WEST ELEVATION
SCALE 1:200



3 SOUTH ELEVATION
SCALE 1:200



4 NORTH ELEVATION
SCALE 1:200

NOTES:

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| 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 | 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 |
| 4.5 Glass brise-soleil | 8.4 Paving |
| 4.6 Mesh expanded metal panels | 8.5 PVs and solar panels |
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| 4.8 Barbed tape | 8.7 Roof Plant |
| 4.9 Retractable steel shutters | 8.8 Steel Grid |
| 4.10 Wall vents and hatches | |
| 4.11 Rainwater pipe and hopper | |

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

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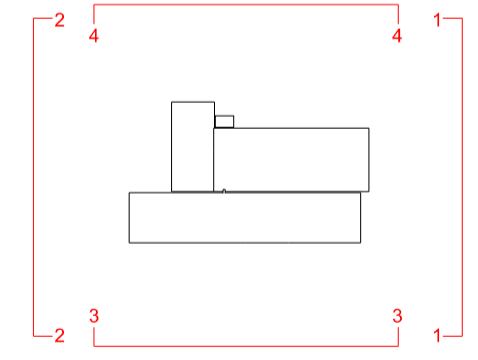
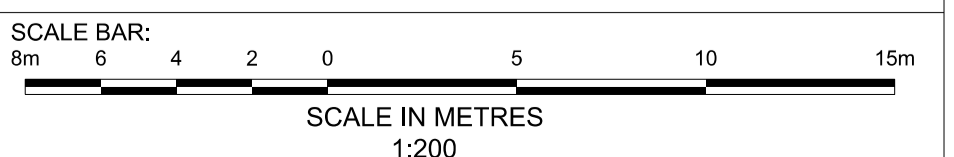
PROJECT:
SIZEWELL C

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

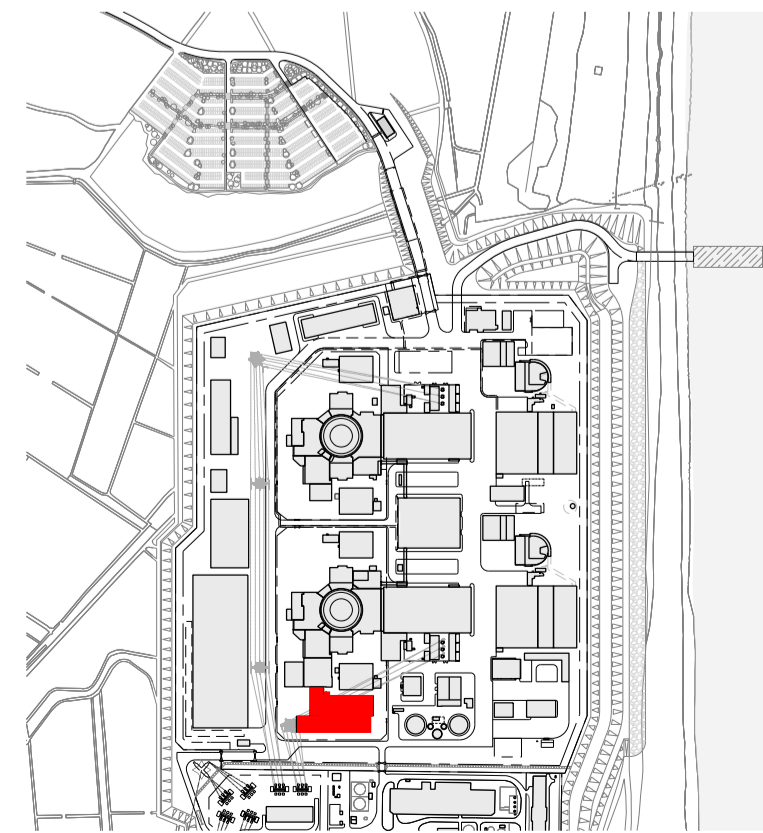
DRAWING TITLE:
**MAIN DEVELOPMENT SITE
UNIT 1 : HOT LAUNDRY BLDG / HOT WORKSHOP /
HOT WAREHOUSE / FACILITIES FOR
DECONTAMINATION / EFFLUENT TANKS /
REFUELLING WATER STORAGE TANK
ELEVATIONS**

DRAWING NO: SZC-SZ0701-XX-000-DRW-100084 REVISION: 01

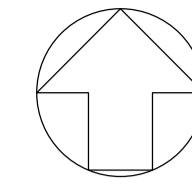
DATE: FEB 2020 DRAWN: CH SCALE: 1:200 @ A1



SIZEWELL C Elevation Key Plan - NTS



SIZEWELL C Site Key Plan - NTS

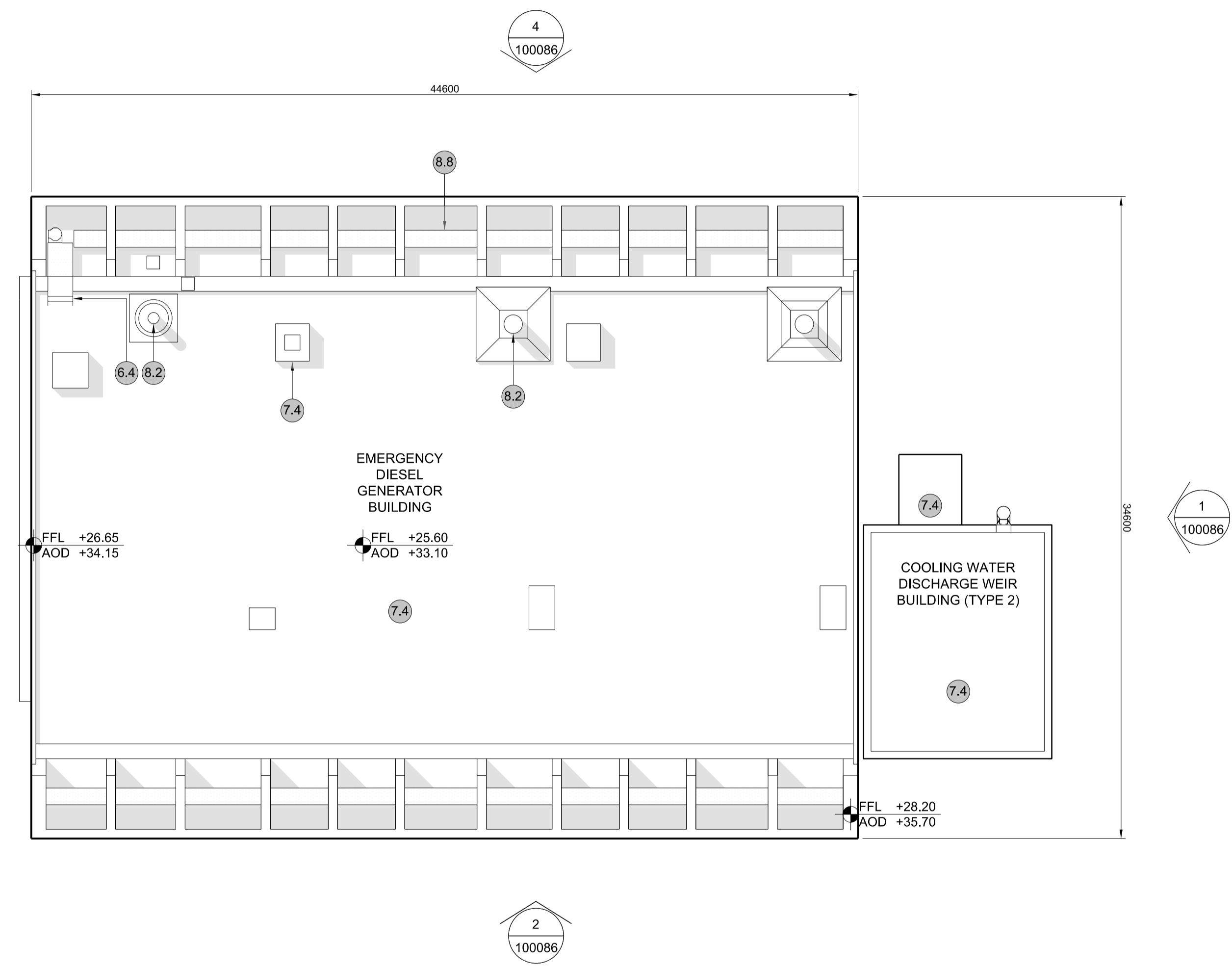


NOTES:

- 1. Definitions: FFL - Finished Floor Level
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KEY:

- Vertical Enclosure**
- Wall**
- | | |
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| 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 |
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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 | |



1 ROOF PLAN
SCALE 1:200

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

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PROJECT:
SIZEWELL C

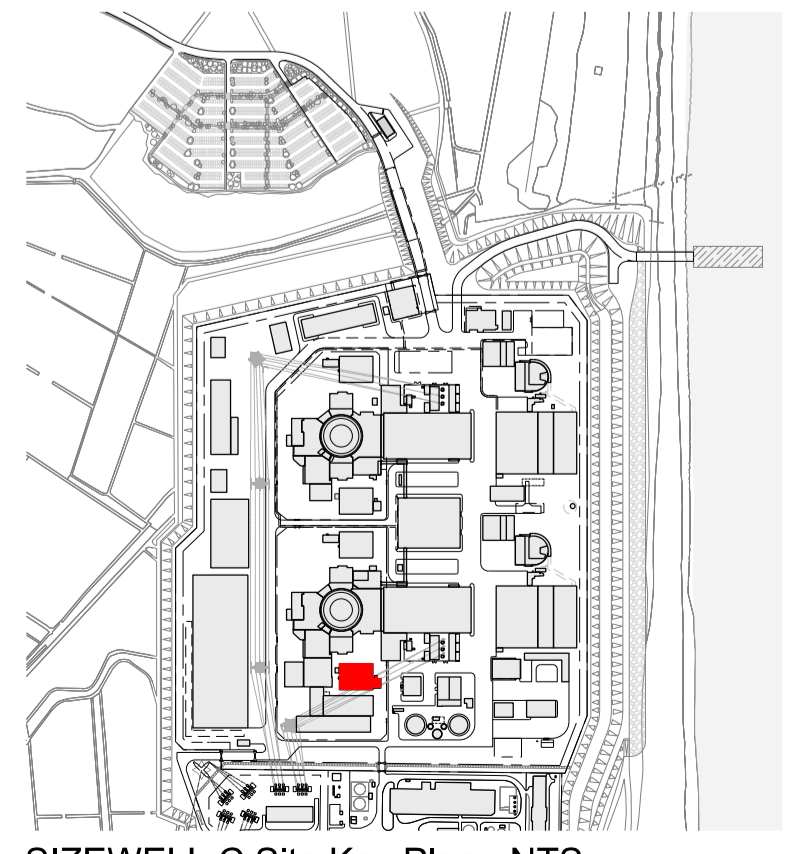
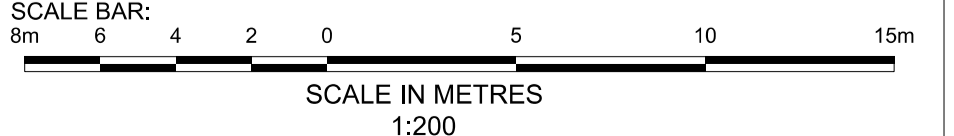
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APPLICATION DRAWING - FOR APPROVAL REGULATION 5(2)(c)

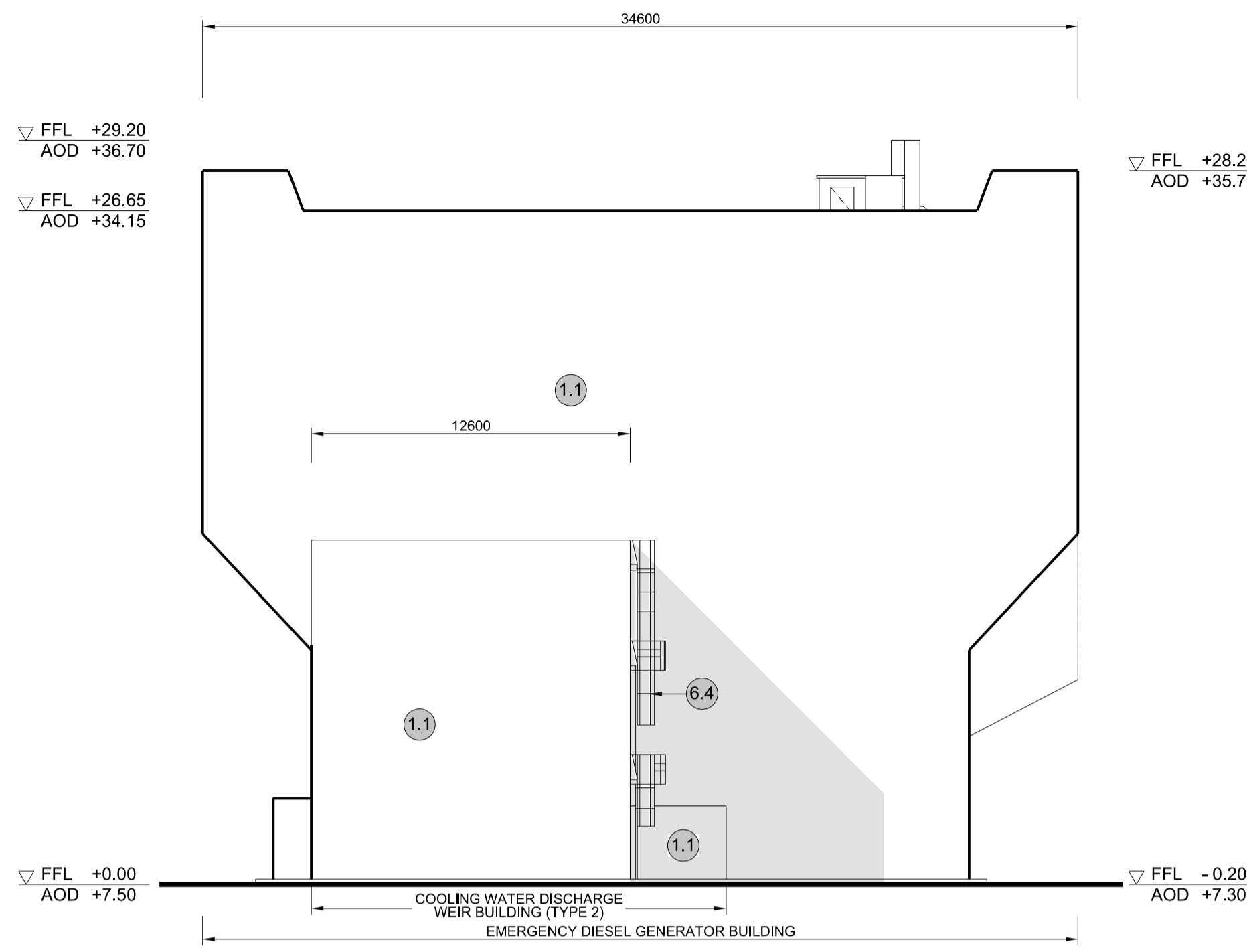
DRAWING TITLE:
**MAIN DEVELOPMENT SITE
UNIT 1: EMERGENCY DIESEL GENERATOR
BLDG - A / COOLING WATER DISCHARGE
WEIR BLDG (TYPE 2)
ROOF PLAN**

DRAWING NO:
SZC-SZ0701-XX-000-DRW-100085

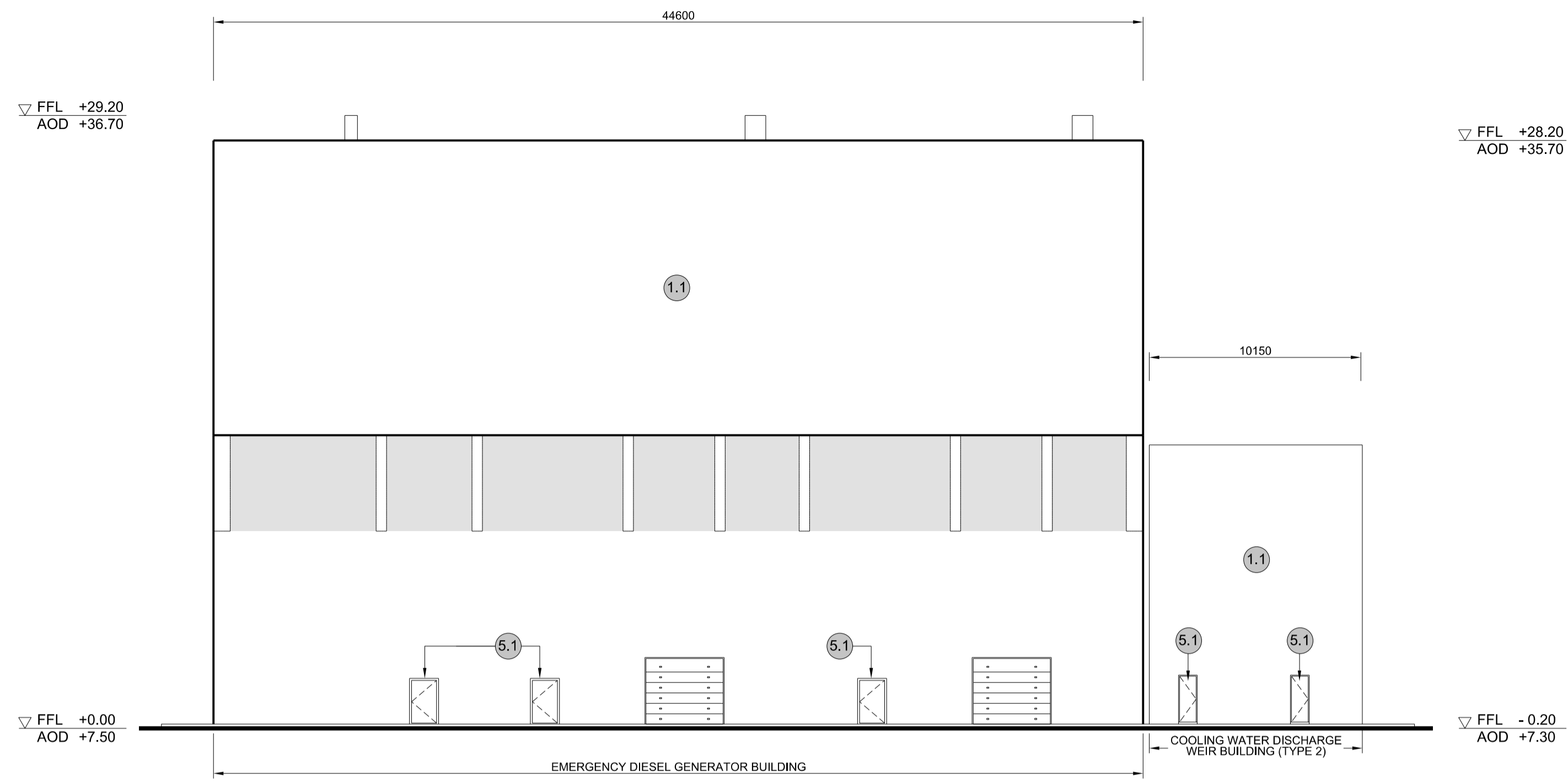
REVISION:
01

DATE: **FEB 2020** DRAWN: **CH** SCALE: **1:200 @ A1**

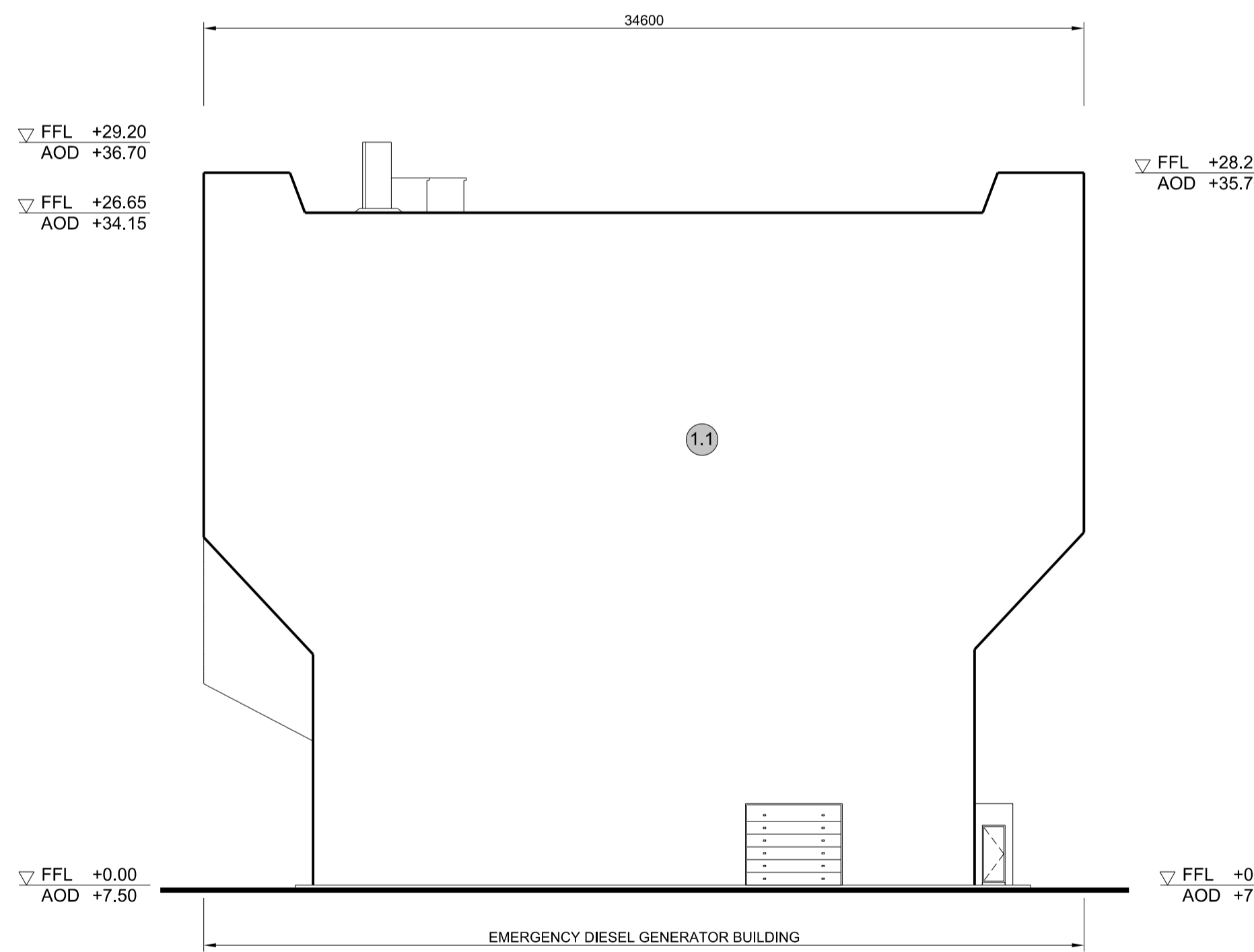




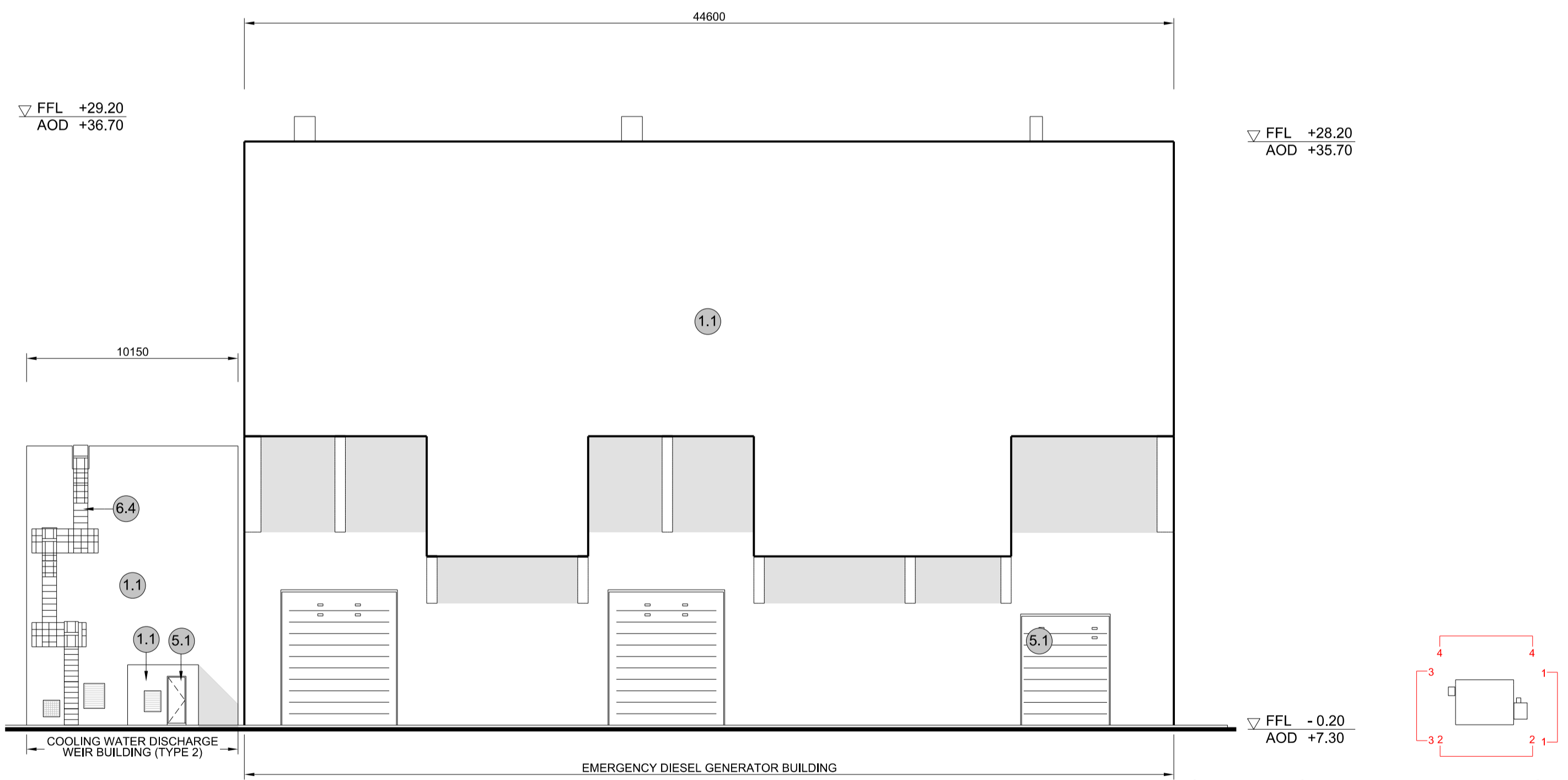
1 EAST ELEVATION
SCALE 1:200



2 SOUTH ELEVATION
SCALE 1:200

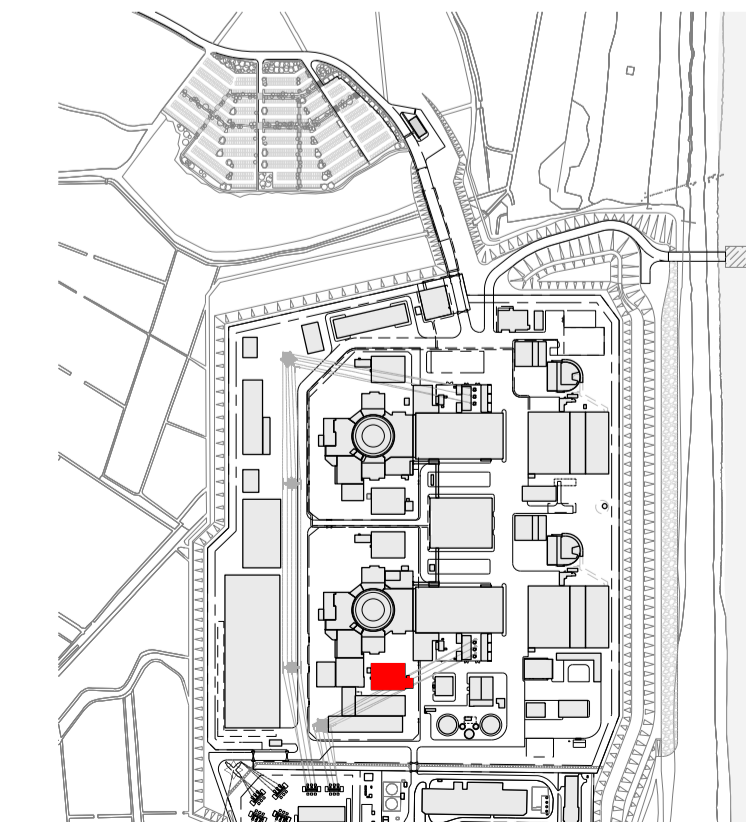


3 WEST ELEVATION
SCALE 1:200



4 NORTH ELEVATION
SCALE 1:200

SIZEWELL C Elevation Key Plan - NTS



SIZEWELL C Site Key Plan - NTS

NOTES:

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- 2 Cladding**
- | | |
|---|---|
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- 3 Glazing / translucent materials**
- | | |
|----------------------------------|----------------------------------|
| 3.1 Glazed curtain wall | Horizontal Enclosure Roof |
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- 4 External wall features**
- | | |
|--|--------------------------------|
| 4.1 Aluminium trims, copings and casings | 8 Roofing Accessories |
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| 4.8 Barbed tape | 8.7 Roof Plant |
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01	FEB 20	GA	GA	DCO SUBMISSION	SZC Co
REVISION	DATE	DRAWN	CHECKED	REASONS FOR REVISION / COMMENTS	APPROVED

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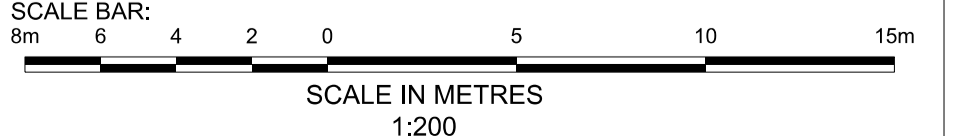
PROJECT:
SIZEWELL C

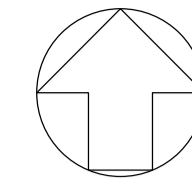
DOCUMENT:
APPLICATION DRAWING - FOR APPROVAL REGULATION 5(2)(c)

DRAWING TITLE:
**MAIN DEVELOPMENT SITE
UNIT 1: EMERGENCY DIESEL GENERATOR BLDG - A / COOLING WATER DISCHARGE WEIR BLDG (TYPE 2)
ELEVATIONS**

DRAWING NO: SZC-SZ0701-XX-000-DRW-100086
REVISION: 01

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



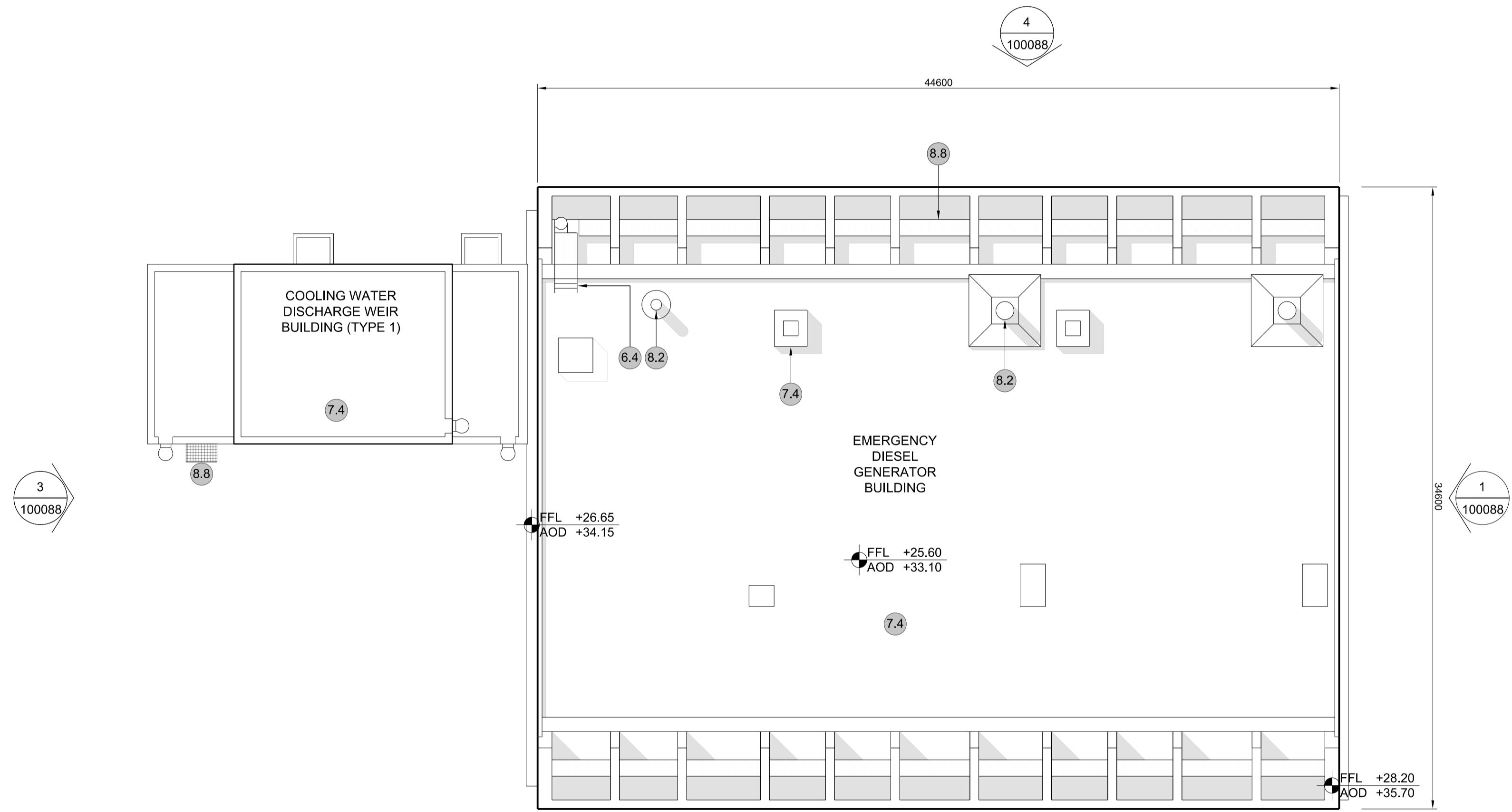


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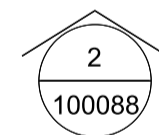
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| 4.11 Rainwater pipe and hopper | |



1 ROOF PLAN
SCALE 1:200



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

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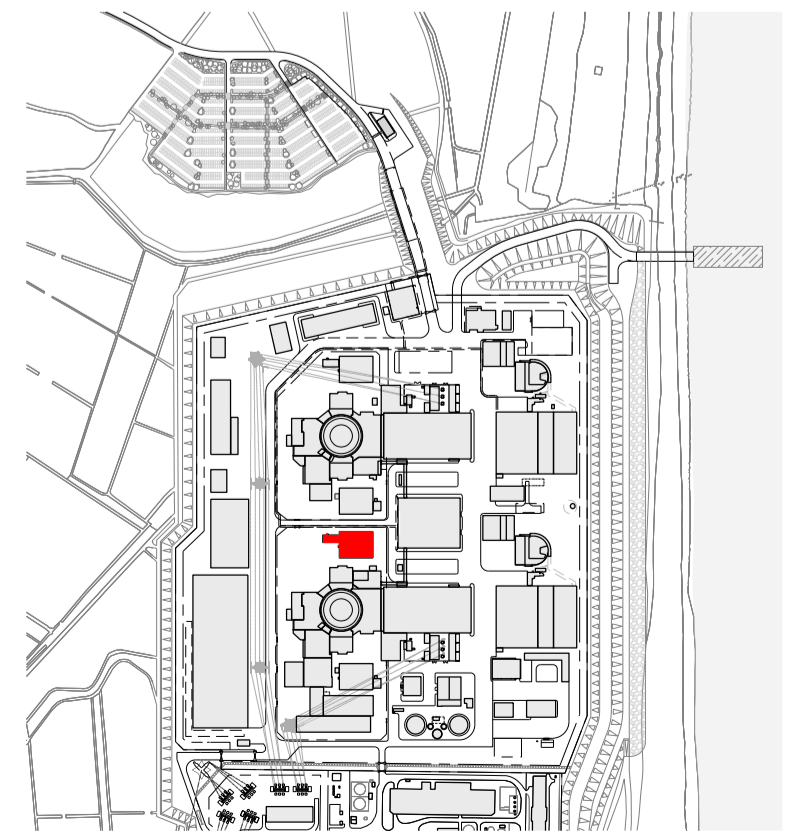
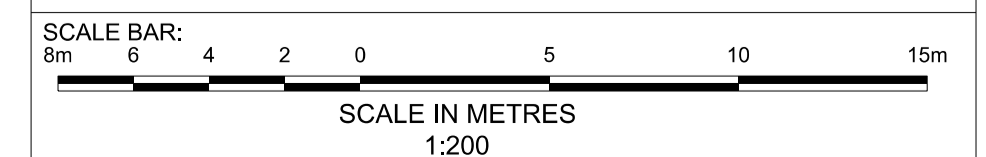
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SIZEWELL C

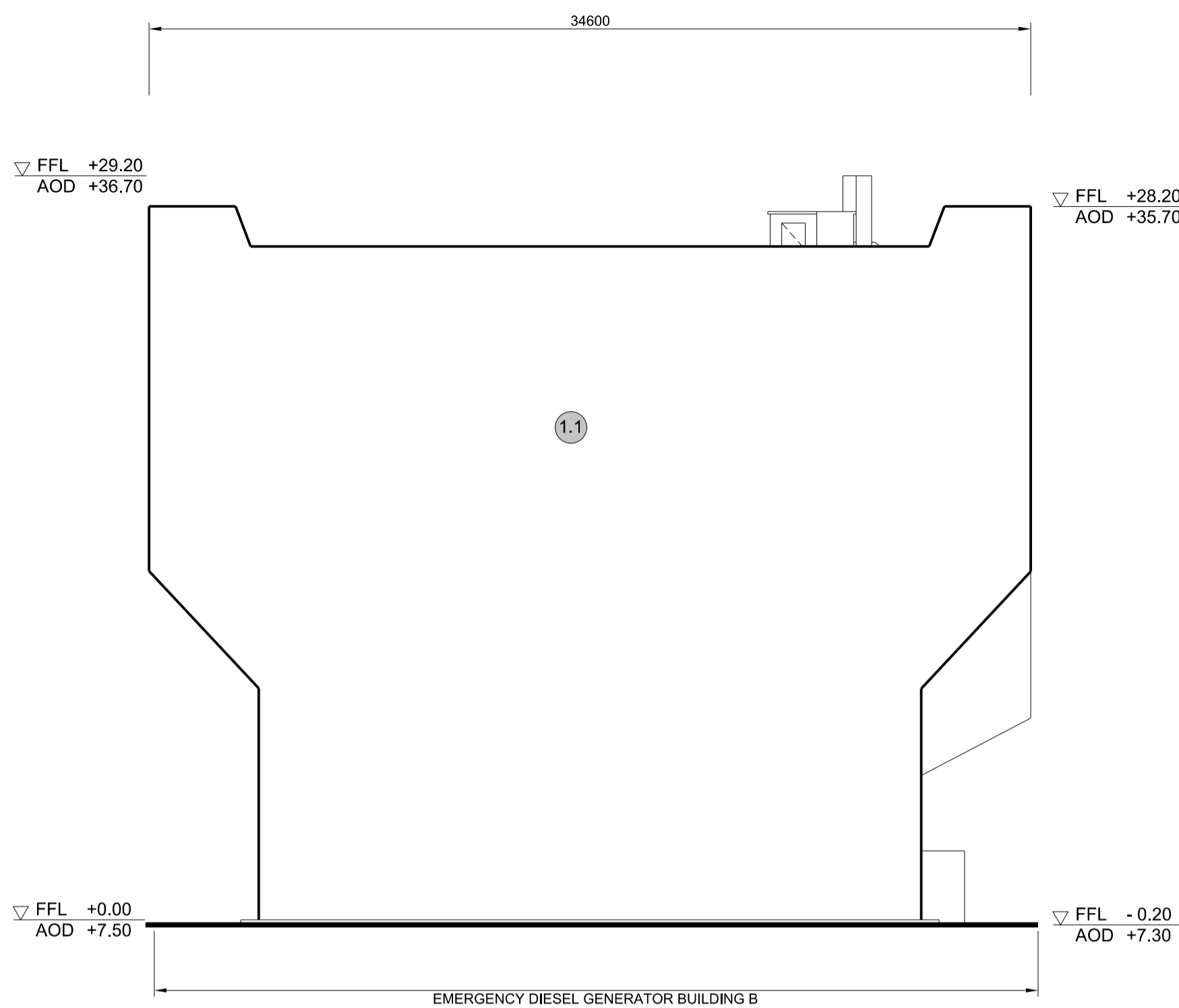
DOCUMENT:
APPLICATION DRAWING - FOR APPROVAL
REGULATION 5(2)(c)

DRAWING TITLE:
MAIN DEVELOPMENT SITE
UNIT 1: EMERGENCY DIESEL GENERATOR
BLDG - B / COOLING WATER DISCHARGE
WEIR BLDG (TYPE 1)
ROOF PLAN

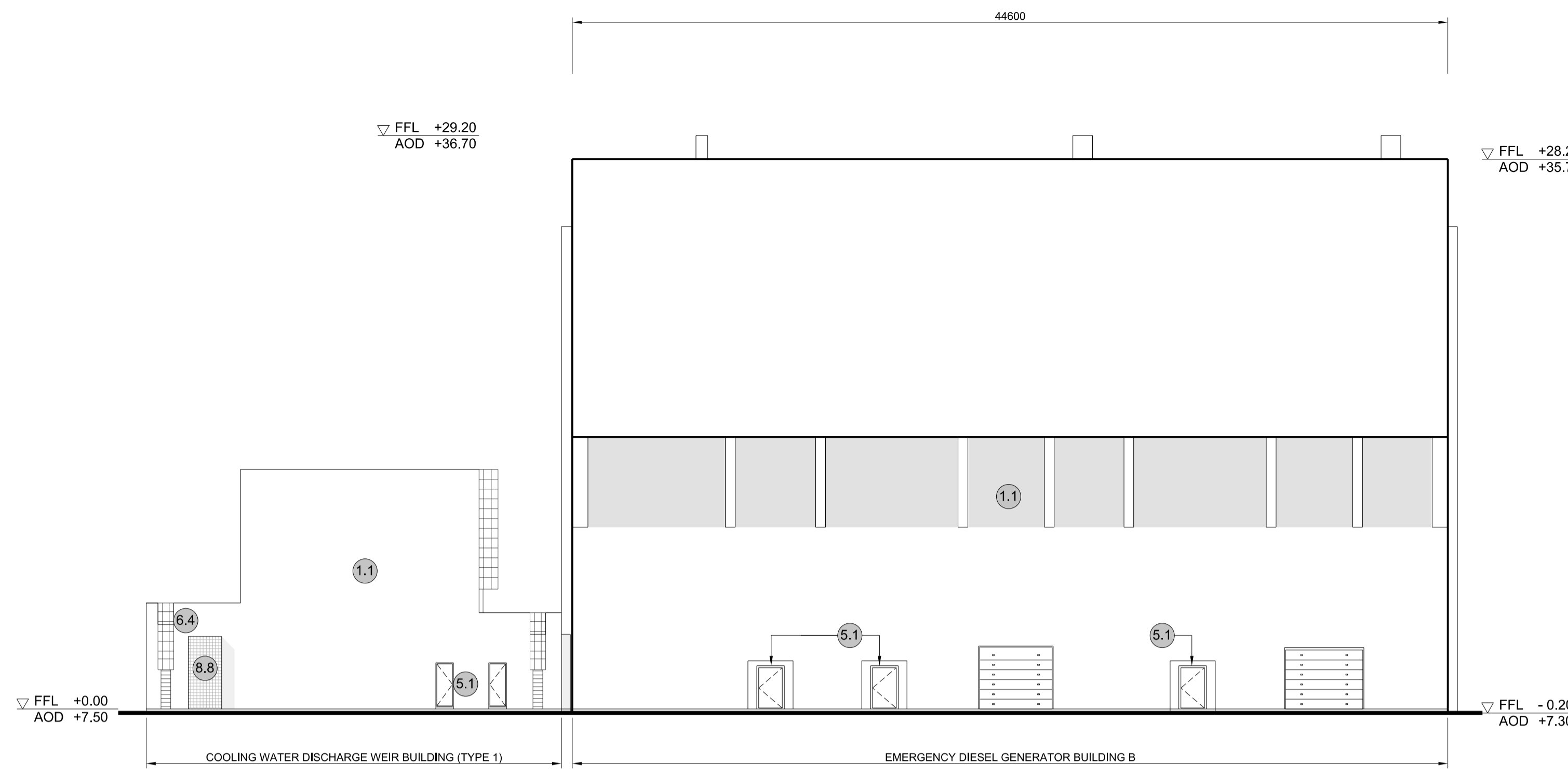
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DATE: FEB 2020 **DRAWN:** EDH **SCALE:** 1:200 @ A1

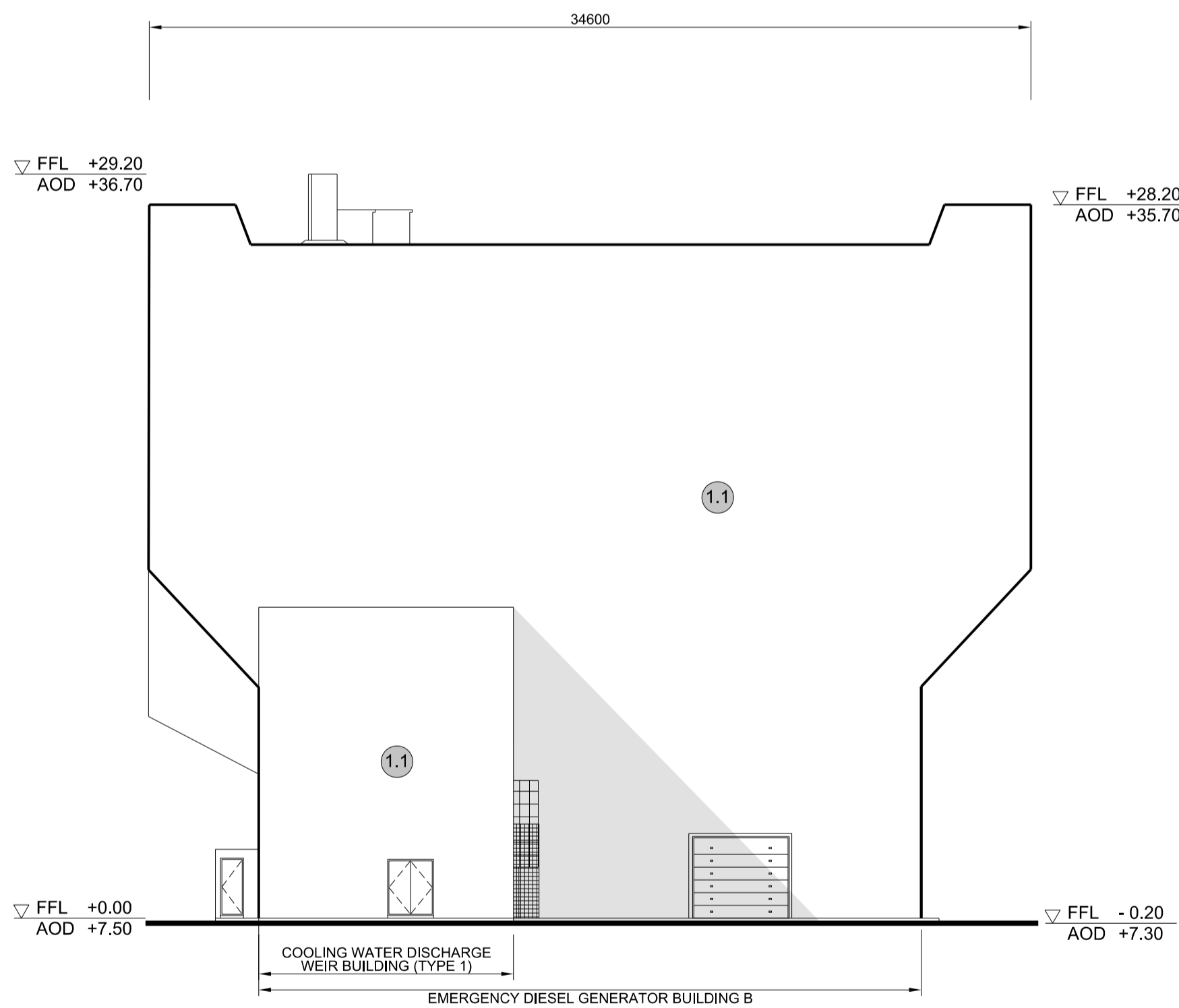




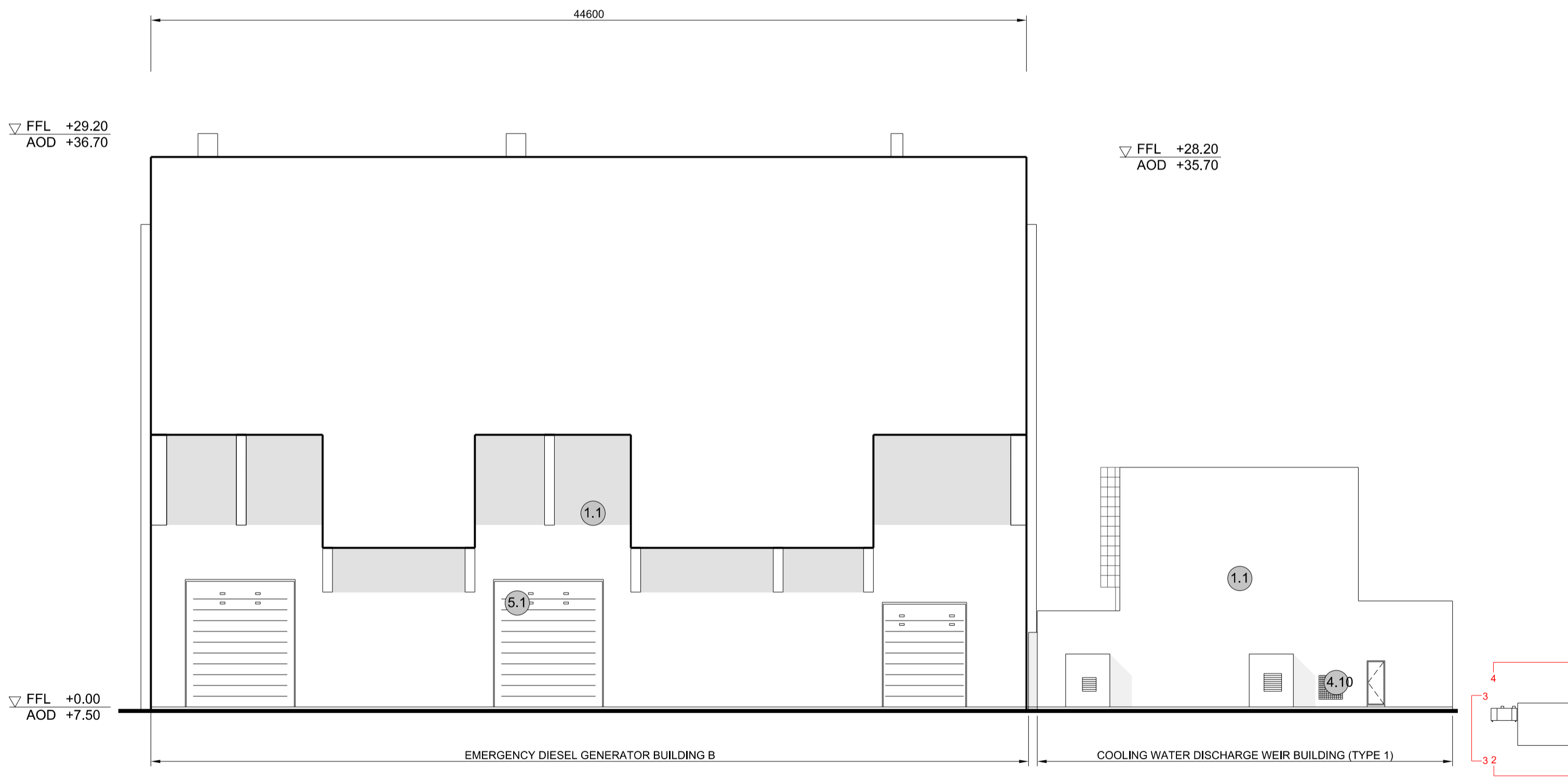
1 EAST ELEVATION
SCALE 1:200



2 SOUTH ELEVATION
SCALE 1:200

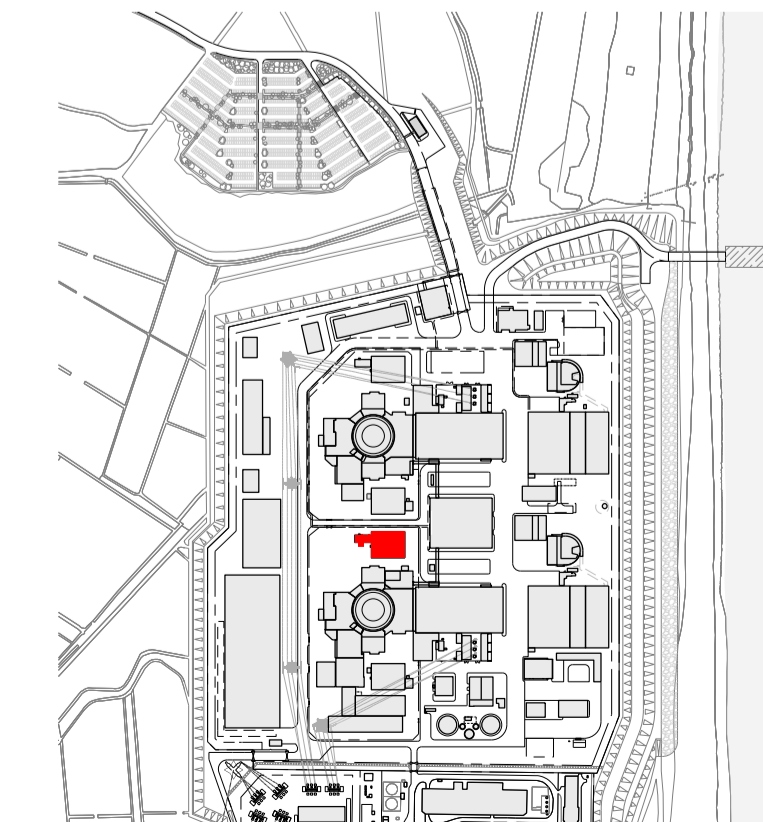


3 WEST ELEVATION
SCALE 1:200



4 NORTH 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 | |
| 2.8 Glassfibre reinforced 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 |
| 4.5 Glass brise-soleil | 8.4 Paving |
| 4.6 Mesh expanded metal panels | 8.5 PVs and solar panels |
| 4.7 Fencing | 8.6 Timber decking |
| 4.8 Barbed tape | 8.7 Roof Plant |
| 4.9 Retractable steel shutters | 8.8 Steel Grid |
| 4.10 Wall vents and hatches | |
| 4.11 Rainwater pipe and hopper | |

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

NOT PROTECTIVELY MARKED

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PROJECT:
SIZEWELL C

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

DRAWING TITLE:
MAIN DEVELOPMENT SITE
UNIT 1: EMERGENCY DIESEL GENERATOR
BLDG - B / COOLING WATER DISCHARGE
WEIR BLDG (TYPE 1)
ELEVATIONS

DRAWING NO: SZC-SZ0701-XX-000-DRW-100088 REVISION: 01

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

