



# The Sizewell C Project

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

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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



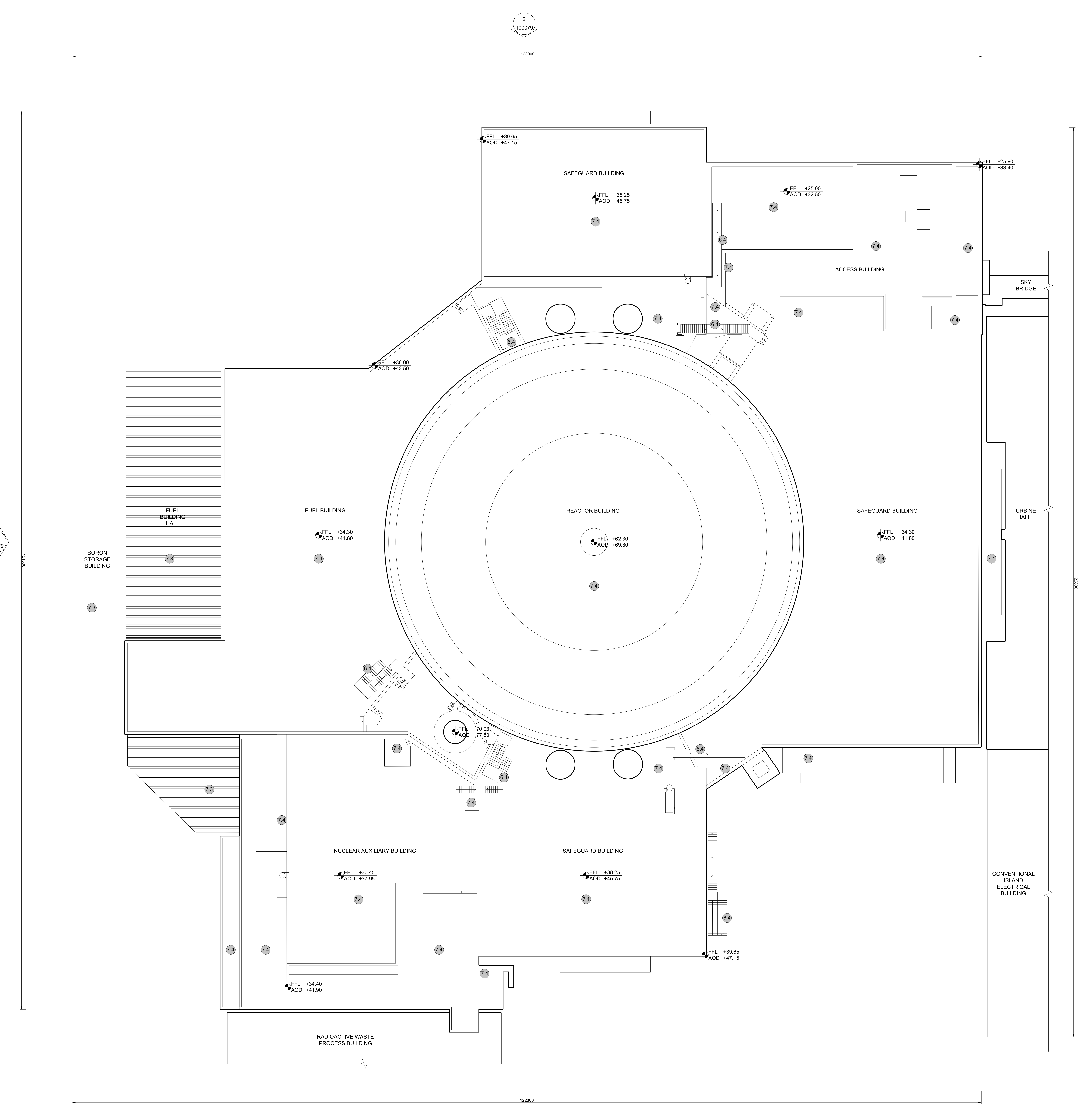


# Main Development Site, Nuclear Island Plans (Unit 1) – For Approval

Drawing Number	Revision	Drawing Title	Scale	Sheet Size
<b>Unit 1: Reactor Building / Fuel Building / Fuel Building Hall / Boron Storage / Safeguard Buildings / Nuclear Auxiliary Building / Access Tower</b>				
SZC-SZ0701-XX-000-DRW-100078	02	Roof Plan	1:200	A0
SZC-SZ0701-XX-000-DRW-100079	02	West & North Elevations	1:200	A0
SZC-SZ0701-XX-000-DRW-100080	02	East & South Elevations	1:200	A0
<b>Unit 1: Radioactive Waste Storage / Radioactive Waste Process Building</b>				
SZC-SZ0701-XX-000-DRW-100081	02	Roof Plan	1:200	A1
SZC-SZ0701-XX-000-DRW-100082	02	Elevations	1:200	A1
<b>Unit 1: Hot Laundry Building / Hot workshop / Hot warehouse / Facilities for Decontamination / Effluent Tanks/ Refuelling Water Storage Tank</b>				
SZC-SZ0701-XX-000-DRW-100083	02	Roof Plan	1:200	A1
SZC-SZ0701-XX-000-DRW-100084	02	Elevations	1:200	A1
<b>Unit 1: Emergency Diesel Generator Building – A/ Cooling Water Discharge Weir Building (Type 2)</b>				
SZC-SZ0701-XX-000-DRW-100085	02	Roof Plan	1:200	A1
SZC-SZ0701-XX-000-DRW-100086	02	Elevations	1:200	A1
<b>Unit 1: Emergency Diesel Generator Building – B/ Cooling Water Discharge Weir Building (Type 1)</b>				
SZC-SZ0701-XX-000-DRW-100087	02	Roof Plan	1:200	A1
SZC-SZ0701-XX-000-DRW-100088	02	Elevations	1:200	A1

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

Drawing Number	Revision	Drawing Title	Amendments
<b>Unit 1: Reactor Building / Fuel Building / Fuel Building Hall / Boron Storage / Safeguard Buildings / Nuclear Auxiliary Building / Access Tower</b>			
SZC-SZ0701-XX-000-DRW-100078	02	Roof Plan	Update to drawing title to ensure consistency with the DCO schedules
SZC-SZ0701-XX-000-DRW-100079	02	West & North Elevations	Update to drawing title to ensure consistency with the DCO schedules
SZC-SZ0701-XX-000-DRW-100080	02	East & North Elevations	Update to drawing title to ensure consistency with the DCO schedules
<b>Unit 1: Radioactive Waste Storage / Radioactive Waste Process Building</b>			
SZC-SZ0701-XX-000-DRW-100081	02	Roof Plan	Update to drawing title to ensure consistency with the DCO schedules
SZC-SZ0701-XX-000-DRW-100082	02	Elevations	Update to drawing title to ensure consistency with the DCO schedules
<b>Unit 1: Hot Laundry Building / Hot Workshop / Hot Warehouse / Facilities for Decontamination / Effluent Tanks / Refuelling Water Storage Tank</b>			
SZC-SZ0701-XX-000-DRW-100083	02	Roof Plan	Update to drawing title to ensure consistency with the DCO schedules
SZC-SZ0701-XX-000-DRW-100084	02	Elevations	Update to drawing title to ensure consistency with the DCO schedules
<b>Unit 1: Emergency Diesel Generator Building – A/ Cooling Water Discharge Weir Building (Type 2)</b>			
SZC-SZ0701-XX-000-DRW-100085	02	Roof Plan	Update to drawing title to ensure consistency with the DCO schedules
SZC-SZ0701-XX-000-DRW-100086	02	Elevations	Update to drawing title to ensure consistency with the DCO schedules
<b>Unit 1: Emergency Diesel Generator Building – B/ Cooling Water Discharge Weir Building (Type 1)</b>			
SZC-SZ0701-XX-000-DRW-100087	02	Roof Plan	Update to drawing title to ensure consistency with the DCO schedules
SZC-SZ0701-XX-000-DRW-100088	02	Elevations	Update to drawing title to ensure consistency with the DCO schedules



**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:**
- |   |                                |
|---|--------------------------------|
| <b>Vertical Enclosure</b>                 | <b>Horizontal Enclosure</b>    |
| <b>Wall</b>                               | <b>Roof</b>                    |
| 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              |
| <b>2 Cladding</b>                         | <b>8 Roofing Accessories</b>   |
| 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             |                                |
| <b>3 Glazing / translucent materials</b>  |                                |
| 3.1 Glazed curtain wall                   |                                |
| 3.2 Frameless glazing                     |                                |
| 3.3 Framed glazing                        |                                |
| 3.4 Opaque glazed spandrel panel          |                                |
| <b>4 External wall features</b>           |                                |
| 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            |                                |
| <b>5 Doors</b>                            |                                |
| 5.1 Metal door                            |                                |
| 5.2 Metal louvre door                     |                                |
| 5.3 Glazed door                           |                                |
| 5.4 Access gates                          |                                |
| <b>6 Window / metalwork accessories</b>   |                                |
| 6.1 External fabric blinds                |                                |
| 6.2 Cavity venetian blinds                |                                |
| 6.3 Glazed balustrade                     |                                |
| 6.4 Metal stairs and ladders              |                                |
| 6.5 Steel guardrail                       |                                |

REV	NO	DATE	DRAWN	CHECKED	REASONS FOR REVISION / COMMENTS	APPROVED
02	SEP 21	GA	GA		DCO APPLICATION - DEADLINE 8 SUBMISSION (24 SEPTEMBER 2021)	SZC Co

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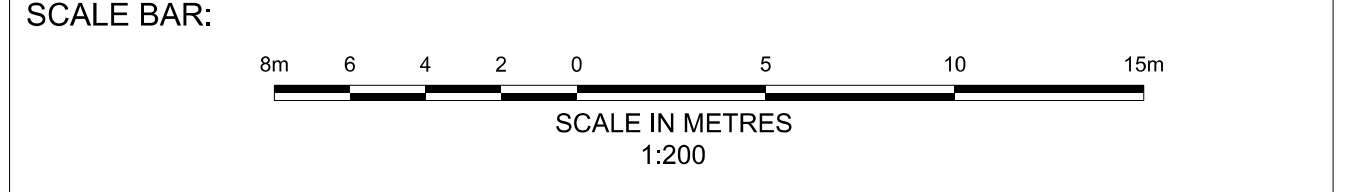
PROJECT:  
**SIZEWELL C**

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

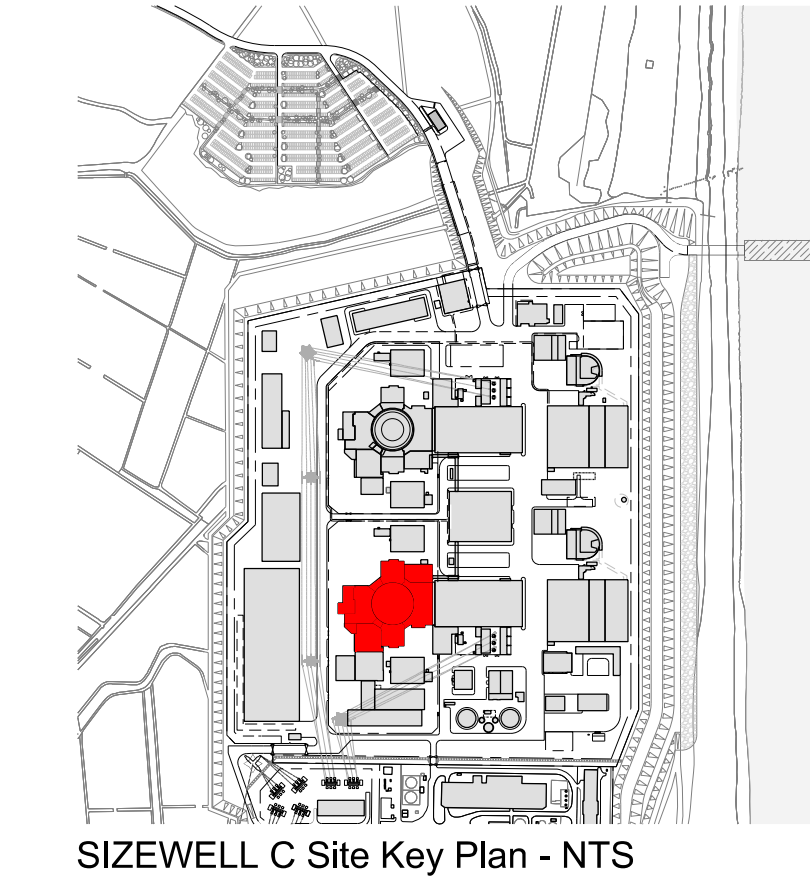
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**MAIN DEVELOPMENT SITE  
UNIT 1: REACTOR BUILDING / FUEL BUILDING / FUEL BUILDING HALL / BORON STORAGE BUILDING / SAFEGUARD BUILDING / NUCLEAR AUXILIARY BUILDING / ACCESS TOWER ROOF PLAN**

DRAWING NO: **SZC-SZ0701-XX-000-DRW-100078** REVISION: **02**

DATE: **SEP 2021** DRAWN: **CH** SCALE: **1:200 @ A0**



**1 ROOF PLAN**  
SCALE 1:200



SIZEWELL C Site Key Plan - NTS



▽ 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

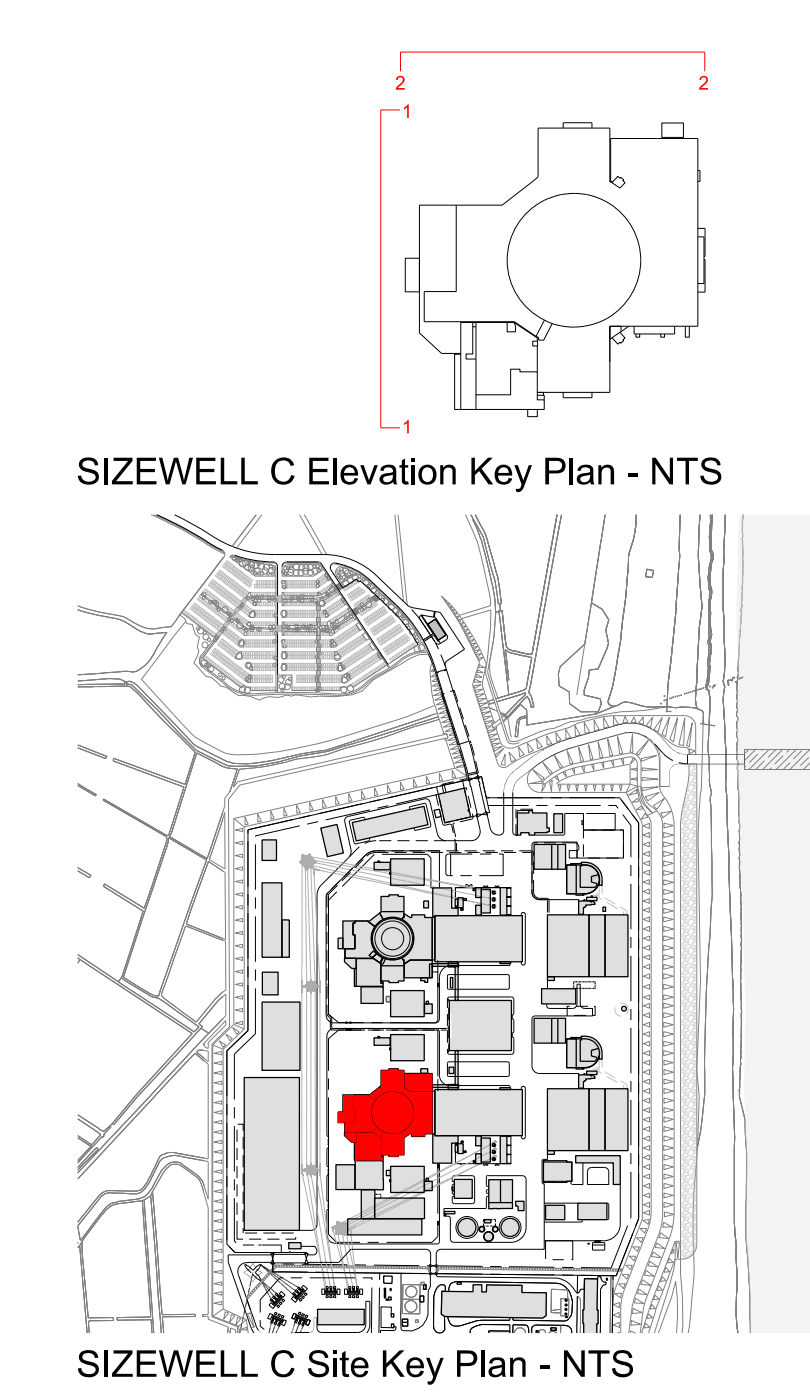
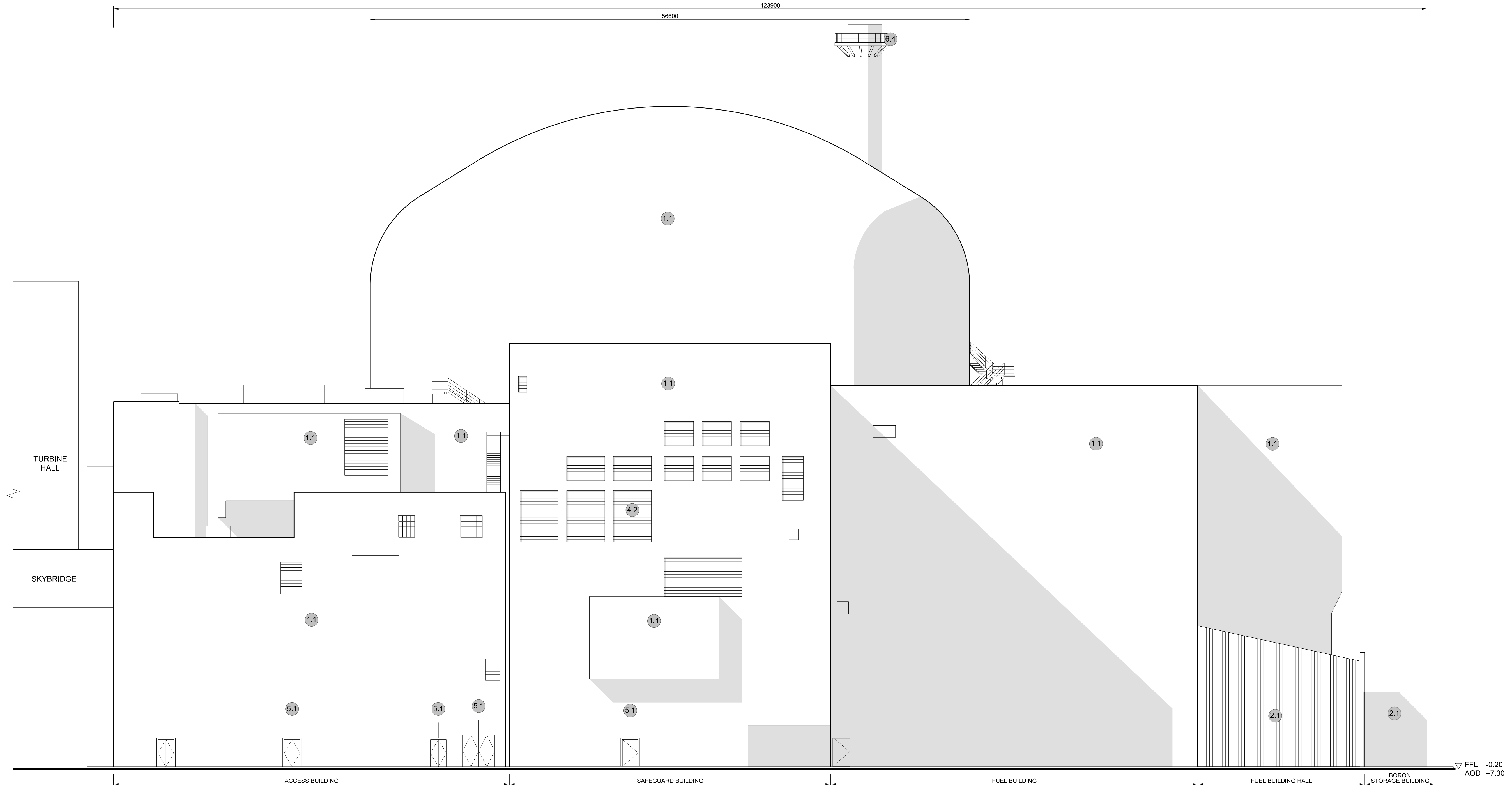
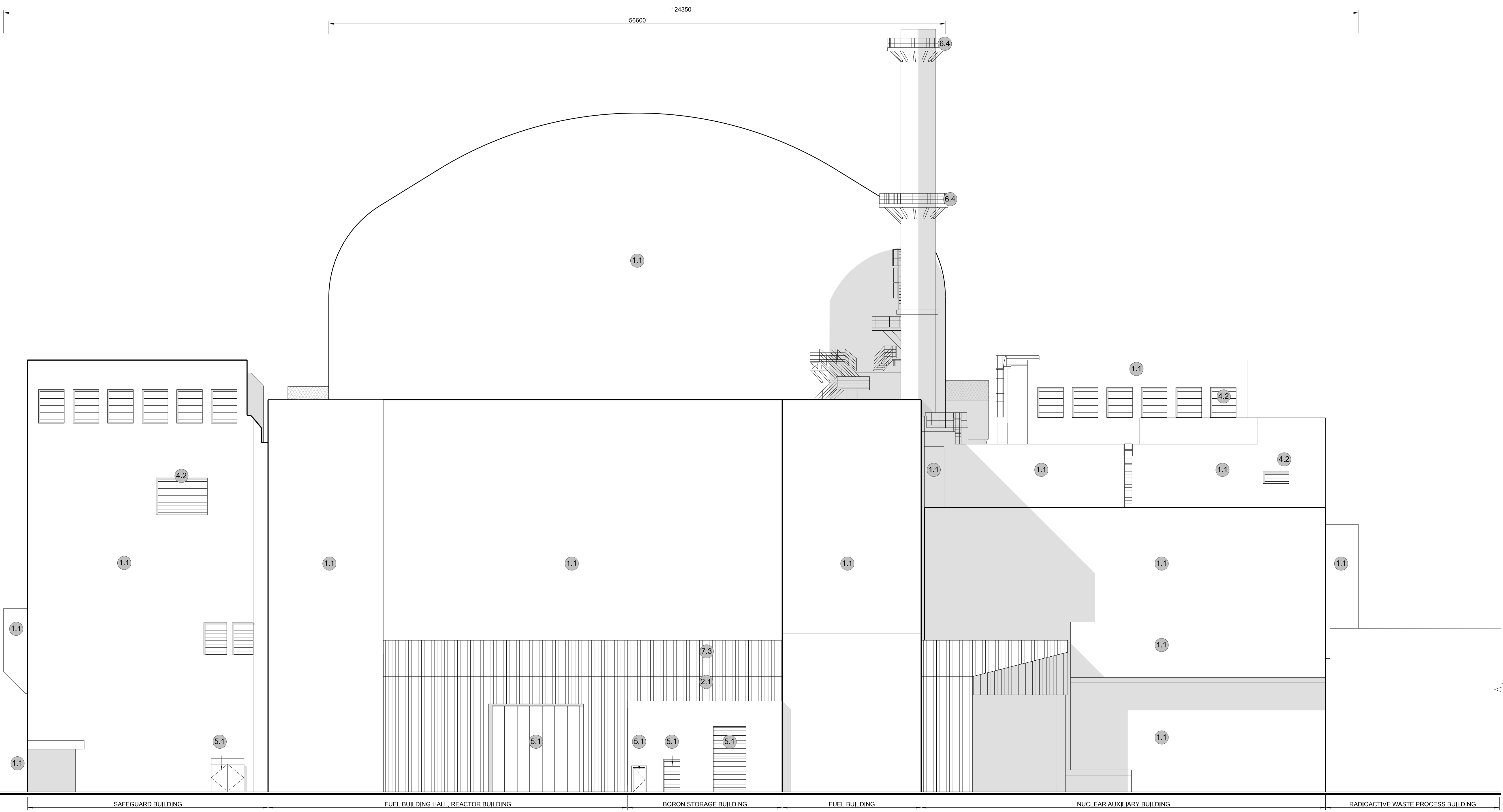
▽ FFL +39.65  
AGD +47.15

▽ FFL +0.00  
AGD +7.50

**2 NORTH ELEVATION**

SCALE 1:200

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- NOTES:**
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  - 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.
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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:**
- |   |                                |
|---|--------------------------------|
| <b>Vertical Enclosure</b>                 | <b>Horizontal Enclosure</b>    |
| <b>Wall</b>                               | <b>Roof</b>                    |
| <b>1 Concrete / render finishes</b>       | <b>7 Roofing</b>               |
| 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              |
| <b>2 Cladding</b>                         | <b>8 Roofing Accessories</b>   |
| 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             |                                |
| <b>3 Glazing / translucent materials</b>  |                                |
| 3.1 Glazed curtain wall                   |                                |
| 3.2 Frameless glazing                     |                                |
| 3.3 Framed glazing                        |                                |
| 3.4 Opaque glazed spandrel panel          |                                |
| <b>4 External wall features</b>           |                                |
| 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            |                                |
| <b>5 Doors</b>                            |                                |
| 5.1 Metal door                            |                                |
| 5.2 Metal louvre door                     |                                |
| 5.3 Glazed door                           |                                |
| 5.4 Access gates                          |                                |
| <b>6 Window / metalwork accessories</b>   |                                |
| 6.1 External fabric blinds                |                                |
| 6.2 Cavity venetian blinds                |                                |
| 6.3 Glazed balustrade                     |                                |
| 6.4 Metal stairs and ladders              |                                |
| 6.5 Steel guardrail                       |                                |

REV	DATE	DRAWN	CHECKED	REASONS FOR REVISION / COMMENTS	APPROVED
02	SEP 21	GA	GA	DCO APPLICATION - DEADLINE 8 SUBMISSION (24 SEPTEMBER 2021)	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: REACTOR BUILDING / FUEL BUILDING /  
FUEL BUILDING HALL / BORON STORAGE  
BUILDING / SAFEGUARD BUILDINGS / NUCLEAR  
AUXILIARY BUILDING / ACCESS TOWER  
WEST & NORTH ELEVATIONS**

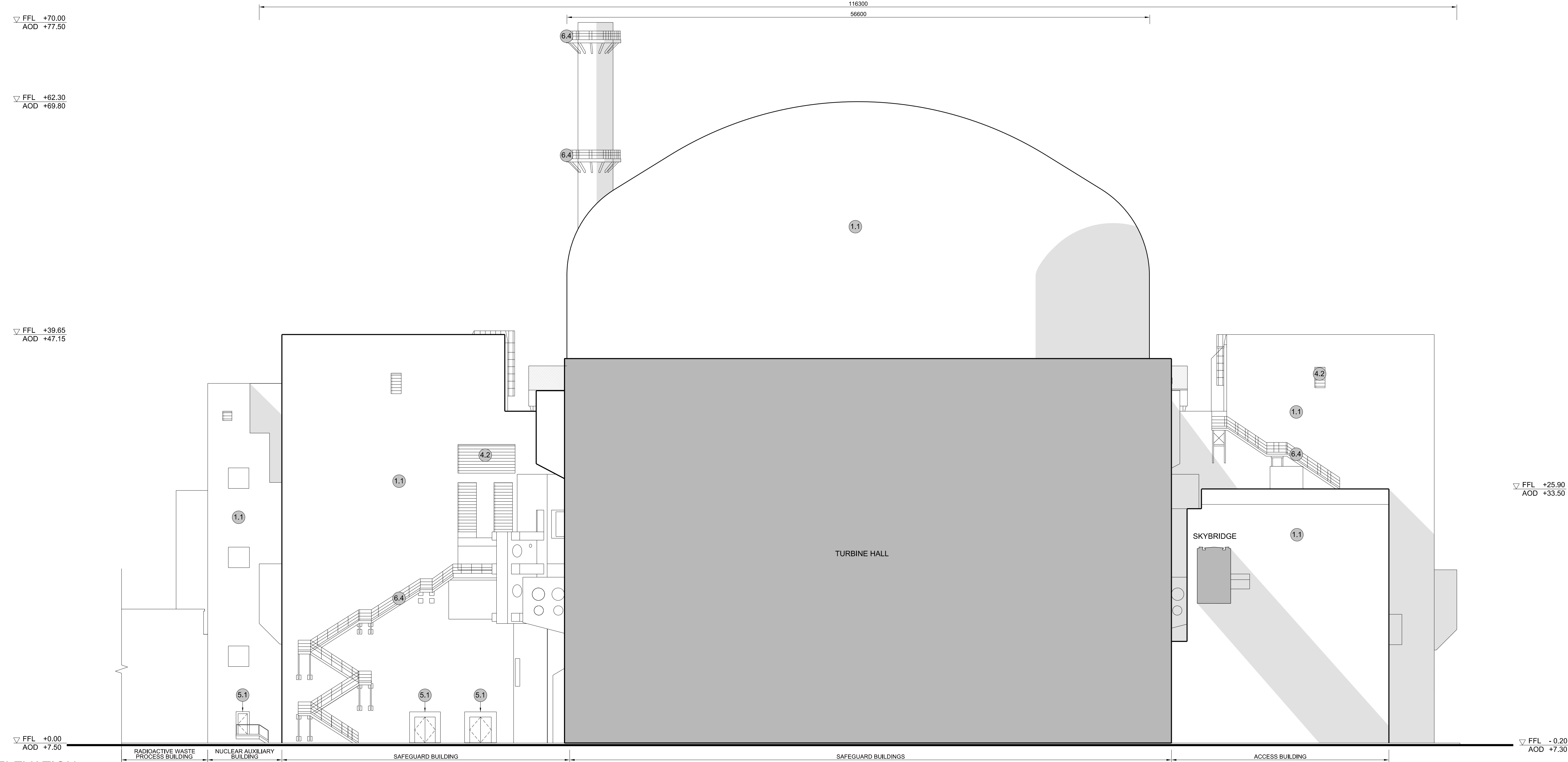
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REVISION:  
**02**

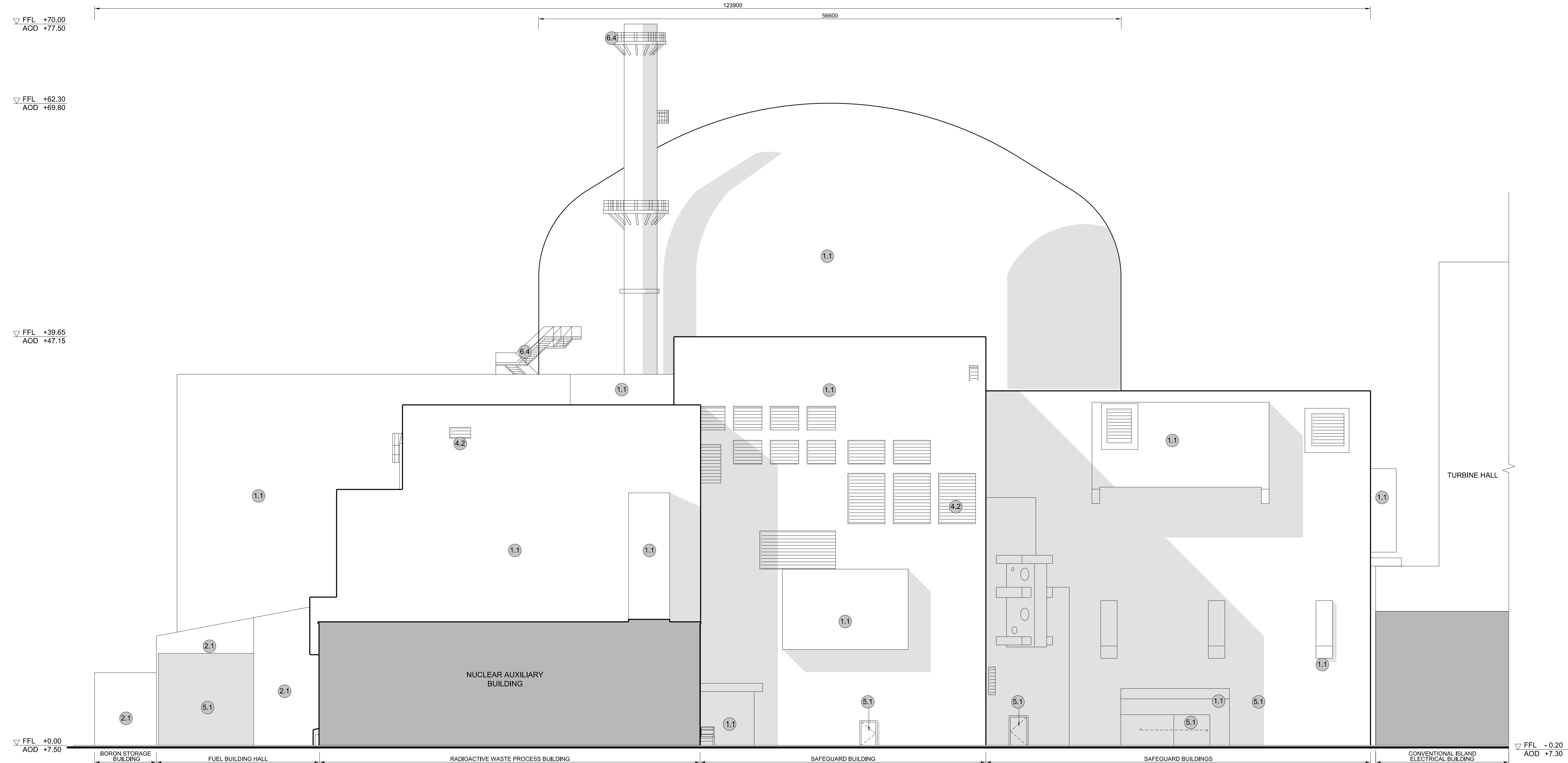
DATE: **SEP 2021** DRAWN: **CH** SCALE: **1:200 @ A0**







1 EAST ELEVATION  
SCALE 1:200



2 SOUTH ELEVATION  
SCALE 1:200

**NOTES:**

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- KEY:**
- |   |                                |
|---|--------------------------------|
| <b>Vertical Enclosure</b>                 | <b>Horizontal Enclosure</b>    |
| <b>Wall</b>                               | <b>Roof</b>                    |
| 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              |
| <b>2 Cladding</b>                         | <b>8 Roofing Accessories</b>   |
| 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             |                                |
| <b>3 Glazing / translucent materials</b>  |                                |
| 3.1 Glazed curtain wall                   |                                |
| 3.2 Frameless glazing                     |                                |
| 3.3 Framed glazing                        |                                |
| 3.4 Opaque glazed spandrel panel          |                                |
| <b>4 External wall features</b>           |                                |
| 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            |                                |
| <b>5 Doors</b>                            |                                |
| 5.1 Metal door                            |                                |
| 5.2 Metal louvre door                     |                                |
| 5.3 Glazed door                           |                                |
| 5.4 Access gates                          |                                |
| <b>6 Window / metalwork accessories</b>   |                                |
| 6.1 External fabric blinds                |                                |
| 6.2 Cavity venetian blinds                |                                |
| 6.3 Glazed balustrade                     |                                |
| 6.4 Metal stairs and ladders              |                                |
| 6.5 Steel guardrail                       |                                |

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

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PROJECT:  
**SIZEWELL C**

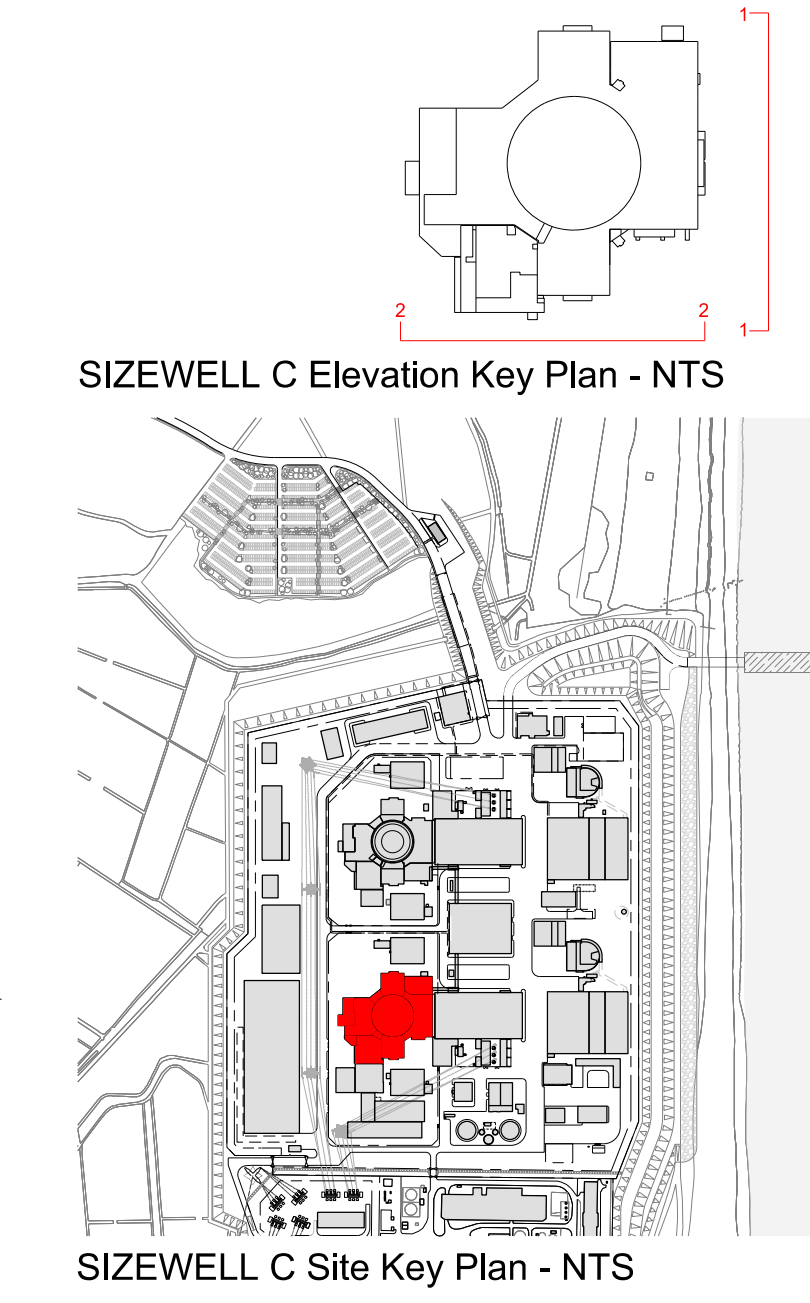
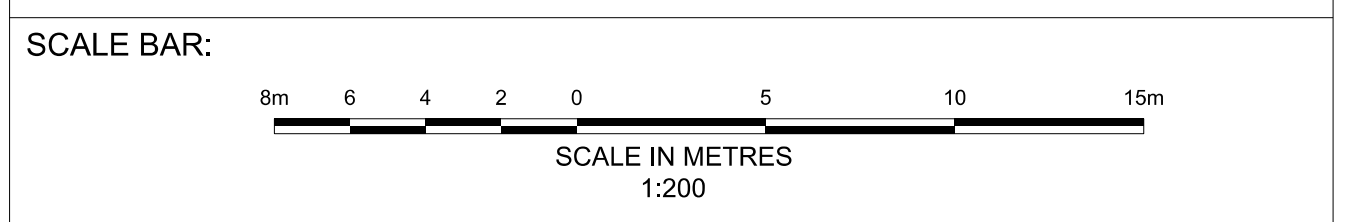
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DRAWING TITLE:  
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UNIT 1: REACTOR BUILDING / FUEL BUILDING /  
FUEL BUILDING HALL / BORON STORAGE  
BUILDING / SAFEGUARD BUILDINGS / NUCLEAR  
AUXILIARY BUILDING / ACCESS TOWER  
EAST & SOUTH ELEVATIONS**

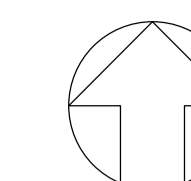
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**SZC-SZ0701-XX-000-DRW-100080**

REVISION:  
**02**

DATE: **SEP 2021**      DRAWN: **CH**      SCALE: **1:200 @ A0**







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

**KEY:**

**Vertical Enclosure**

**Wall**

- |                                     |                       |
|-------------------------------------|-----------------------|
| <b>1 Concrete / render finishes</b> | <b>5 Doors</b>        |
| 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               | <b>6 Window / metalwork accessories</b> |
| 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          | <b>Horizontal Enclosure Roof</b> |
| 3.2 Frameless glazing            | <b>7 Roofing</b>                 |
| 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 | <b>8 Roofing Accessories</b>   |
| 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           |                                |

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

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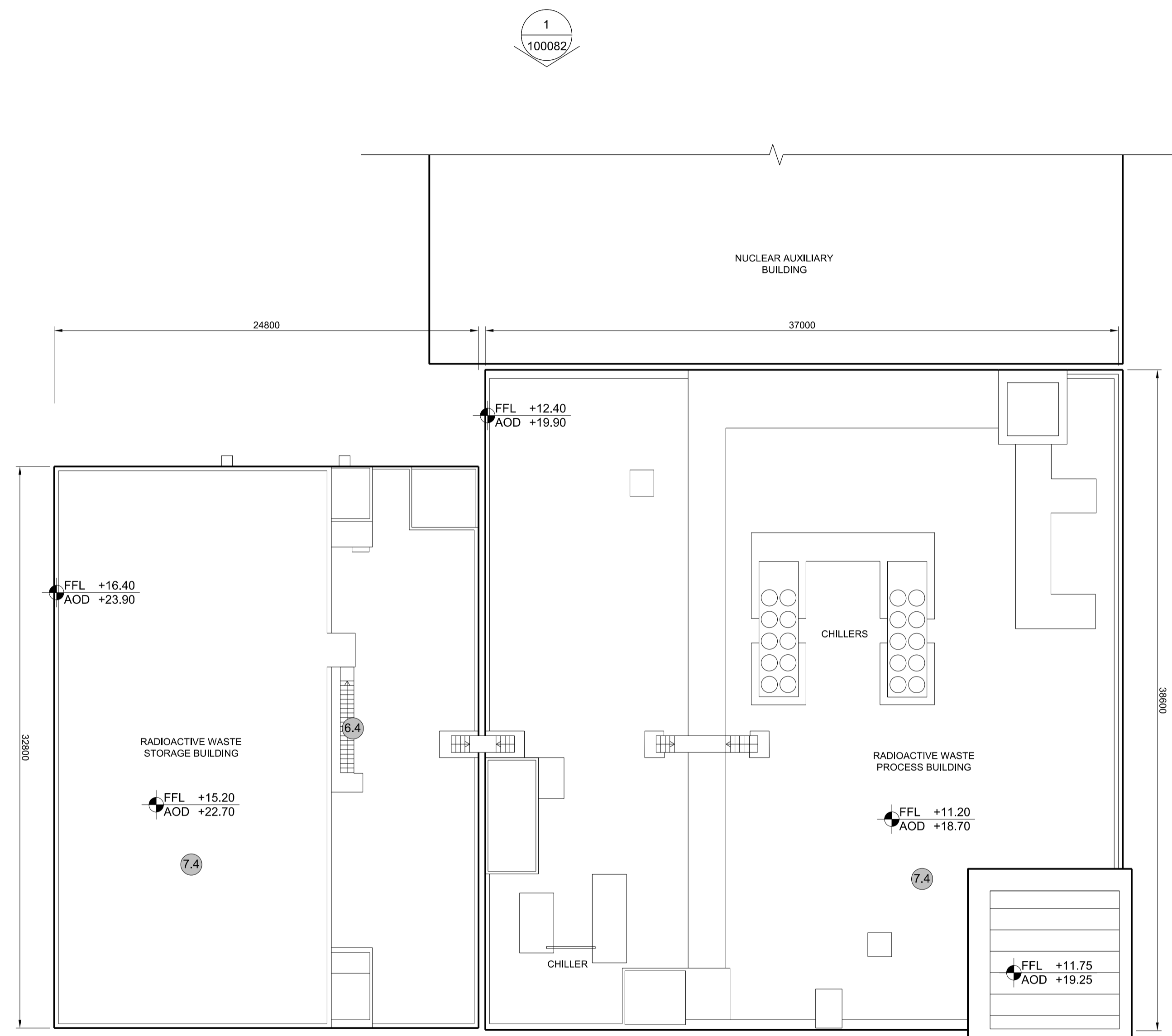
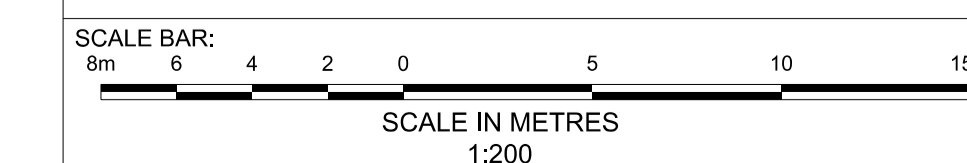
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SIZEWELL C

DOCUMENT:  
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REGULATION 5(2)(c)

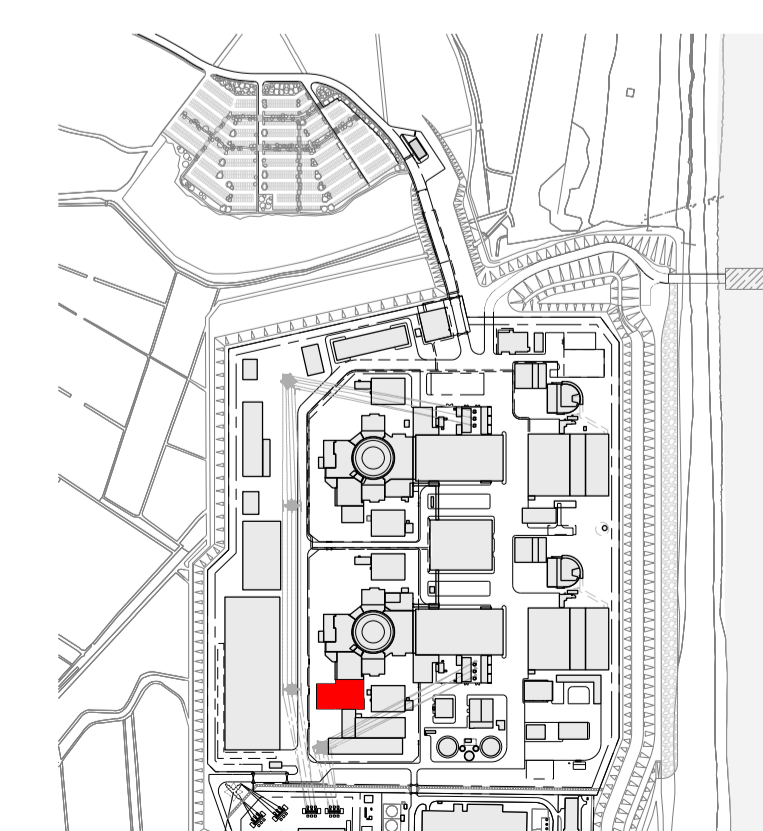
DRAWING TITLE:  
MAIN DEVELOPMENT SITE  
UNIT 1:RADIOACTIVE WASTE STORAGE  
BUILDING / RADIOACTIVE WASTE PROCESS  
BUILDING  
ROOF PLAN

DRAWING NO: SZC-SZ0701-XX-000-DRW-100081 REVISION: 02

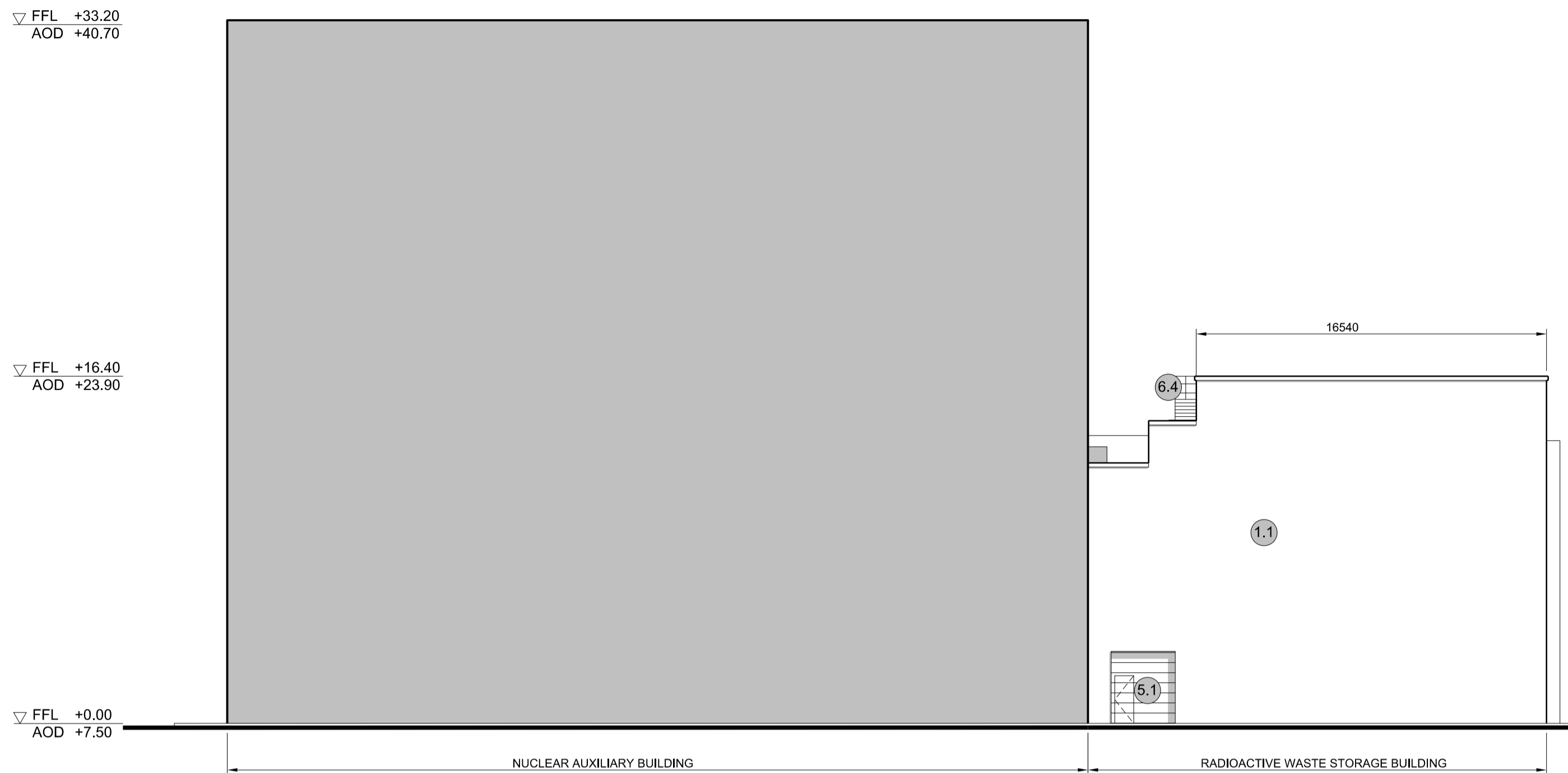
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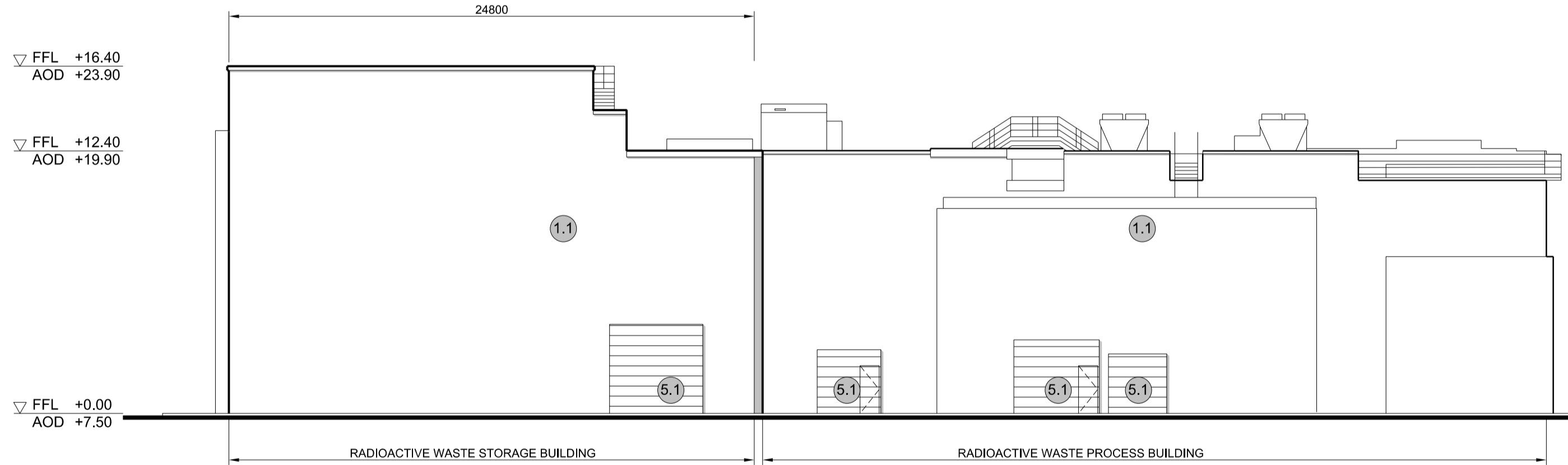
**5 ROOF PLAN**  
SCALE 1:200



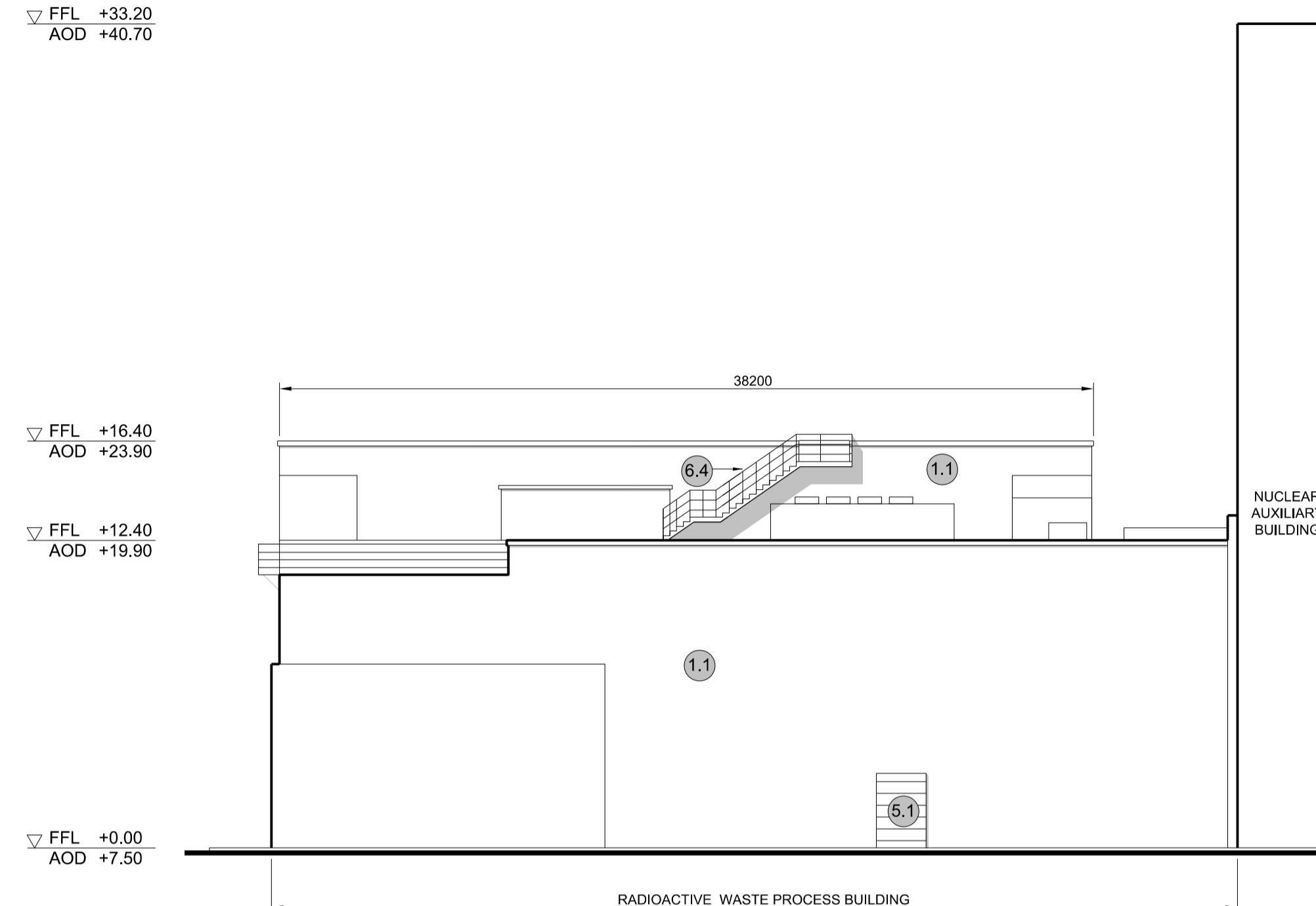




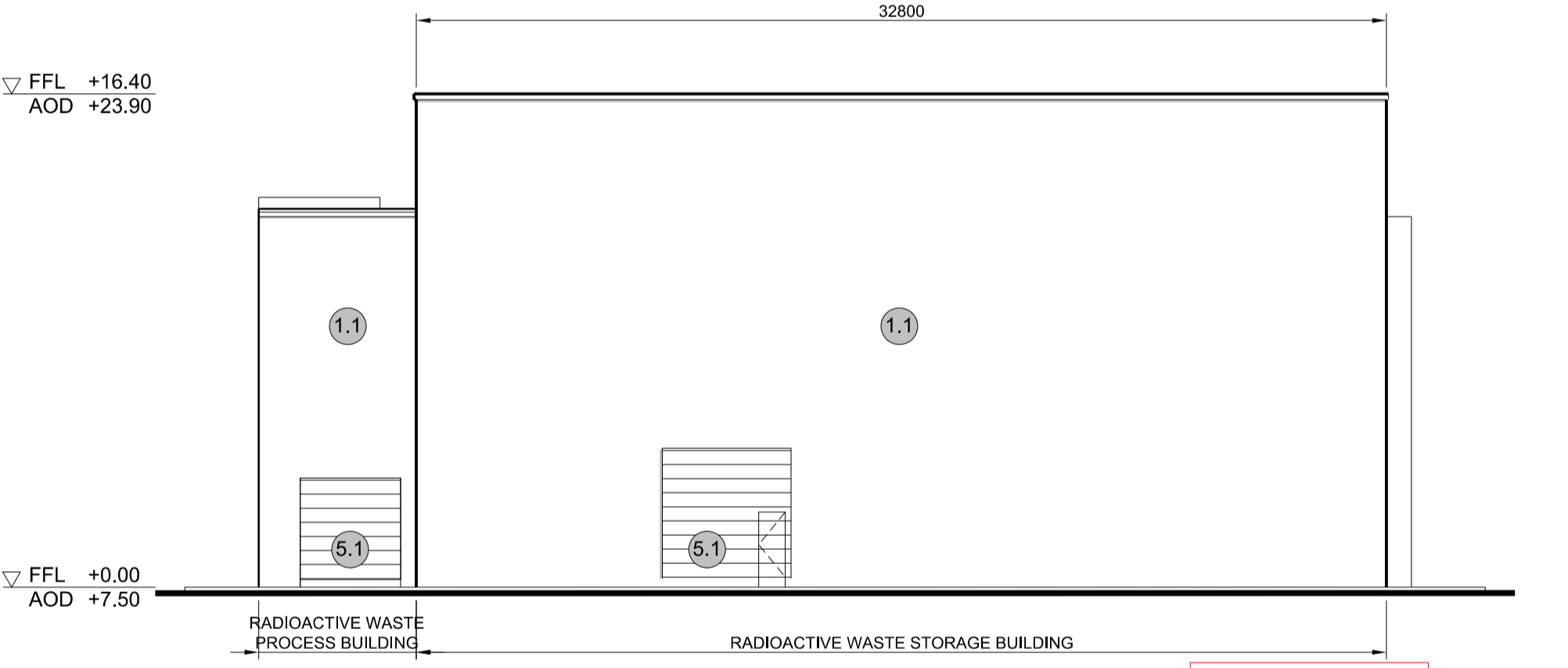
**1 NORTH ELEVATION**  
SCALE 1:200



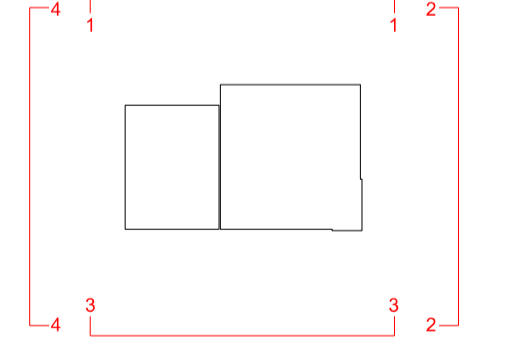
**3 SOUTH ELEVATION**  
SCALE 1:200



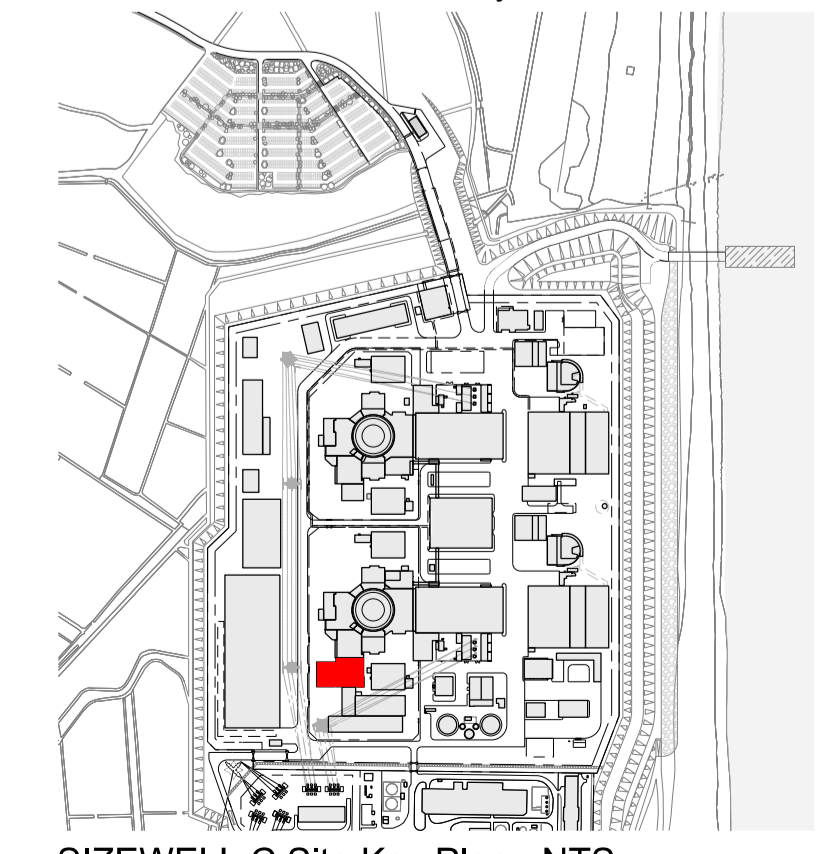
**2 EAST ELEVATION**  
SCALE 1:200



**4 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**
- |                                     |                       |
|-------------------------------------|-----------------------|
| <b>1 Concrete / render finishes</b> | <b>5 Doors</b>        |
| 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                  | <b>6 Window / metalwork accessories</b> |
| 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          | <b>Horizontal Enclosure Roof</b> |
| 3.2 Frameless glazing            | <b>7 Roofing</b>                 |
| 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 | <b>8 Roofing Accessories</b>   |
| 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           |                                |

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

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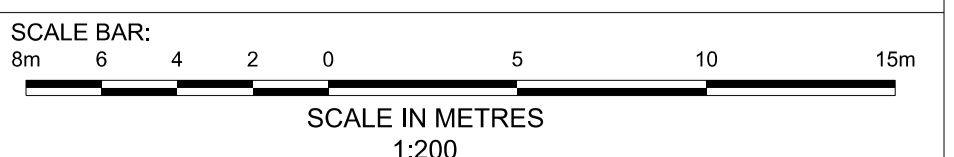
PROJECT:  
**SIZEWELL C**

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

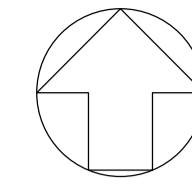
DRAWING TITLE:  
**MAIN DEVELOPMENT SITE  
UNIT 1: RADIOACTIVE WASTE STORAGE BUILDING / RADIOACTIVE WASTE PROCESS BUILDING  
ELEVATIONS**

DRAWING NO: **SZC-SZ0701-XX-000-DRW-100082** REVISION: **02**

DATE: **SEP 2021** DRAWN: SCALE: **1:200 @ A1**



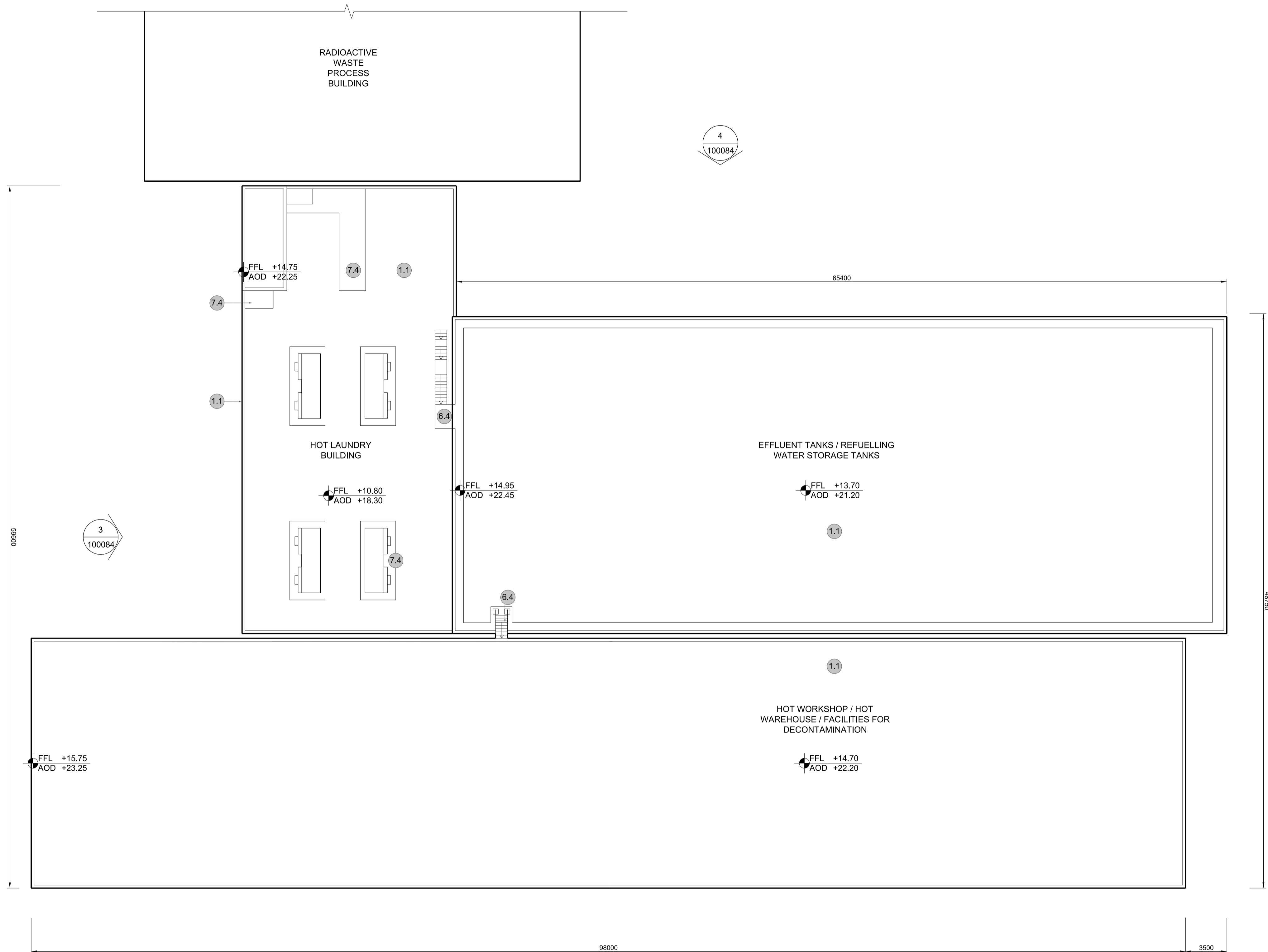




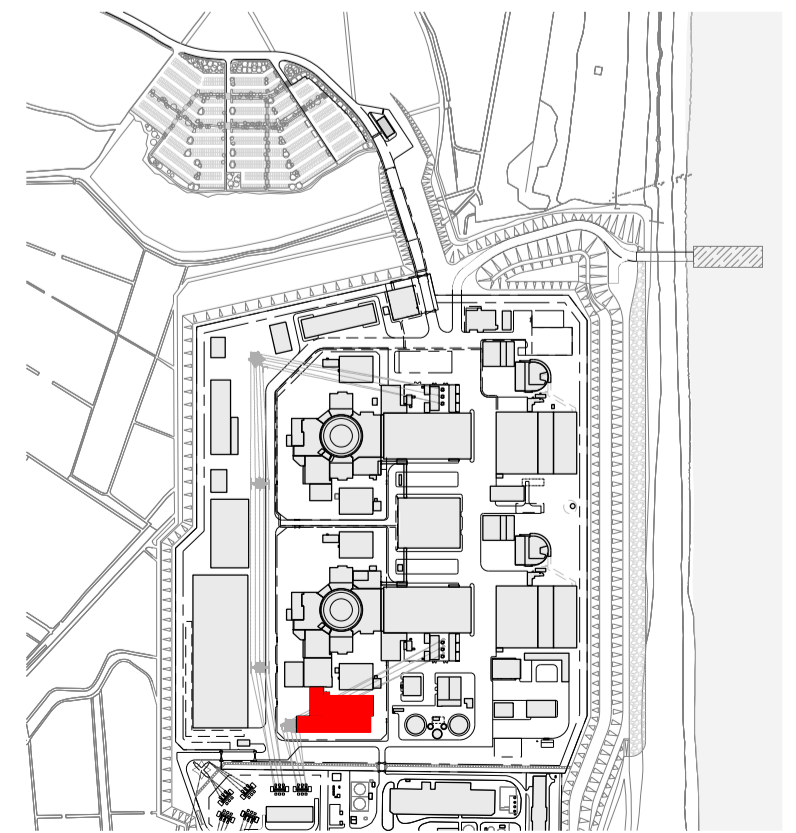
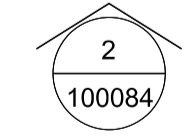
**NOTES:**

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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**
- |                                     |                       |
|-------------------------------------|-----------------------|
| <b>1 Concrete / render finishes</b> | <b>5 Doors</b>        |
| 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                  | <b>6 Window / metalwork accessories</b> |
| 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          | <b>Horizontal Enclosure Roof</b> |
| 3.2 Frameless glazing            | <b>7 Roofing</b>                 |
| 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 | <b>8 Roofing Accessories</b>   |
| 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

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

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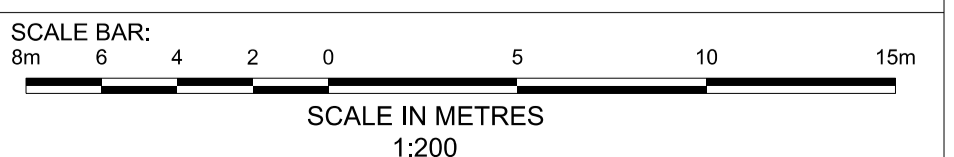
PROJECT:  
SIZEWELL C

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

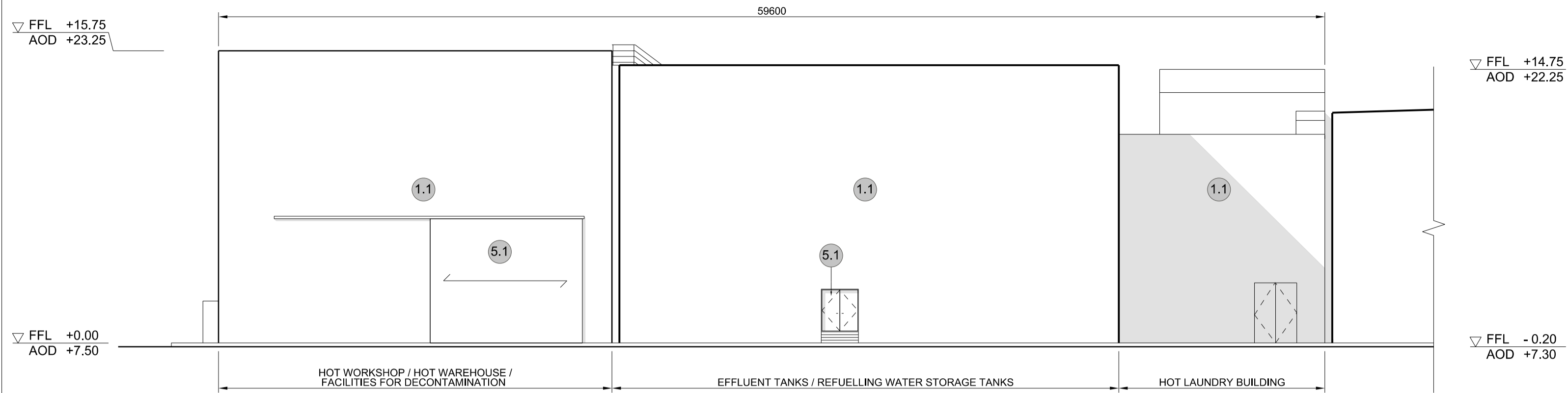
DRAWING TITLE:  
MAIN DEVELOPMENT SITE  
UNIT 1: HOT LAUNDRY BUILDING / HOT WORKSHOP / HOT WAREHOUSE / FACILITIES FOR DECONTAMINATION / EFFLUENT TANKS / REFUELLING WATER STORAGE TANK  
ROOF PLAN

DRAWING NO: SZC-SZ0701-XX-000-DRW-100083 REVISION: 02

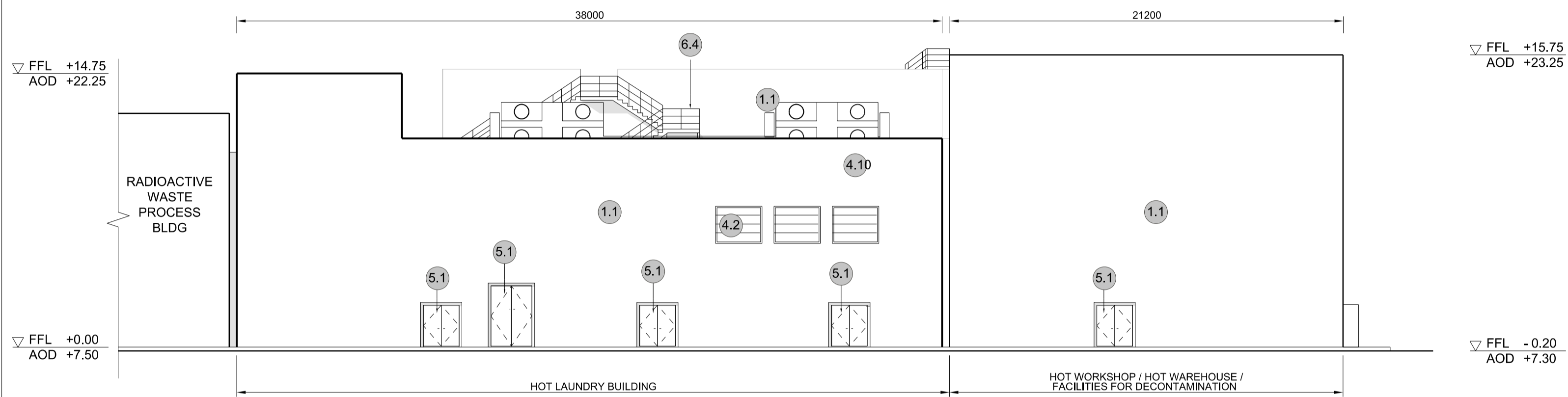
DATE: SEP 2021 DRAWN: EDH SCALE: 1:200 @ A1



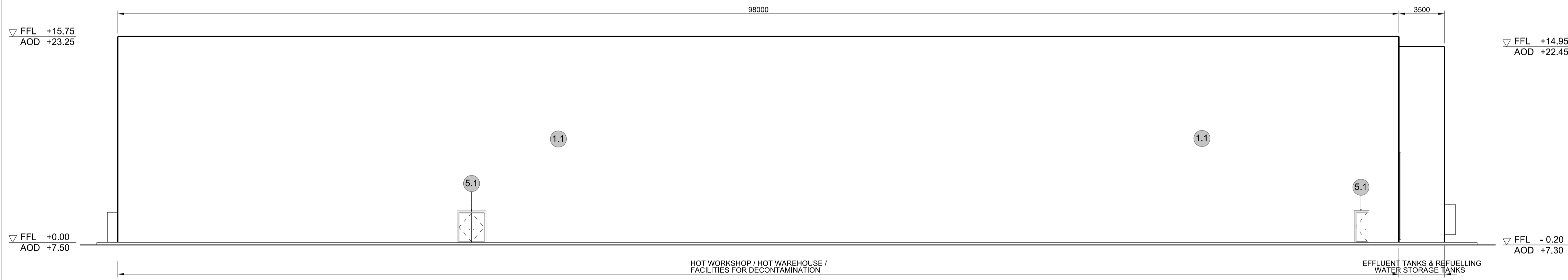




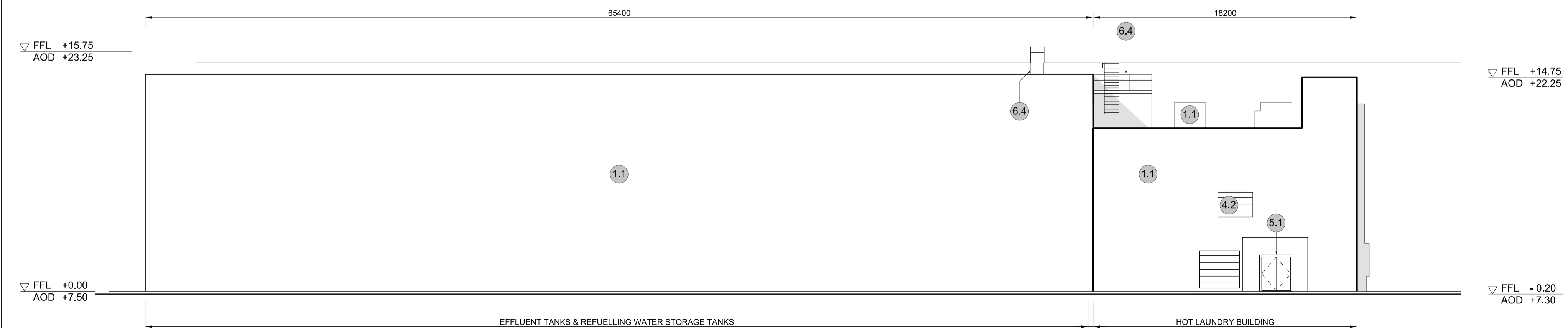
**1 EAST ELEVATION**  
SCALE 1:200



**2 WEST ELEVATION**  
SCALE 1:200



**3 SOUTH ELEVATION**  
SCALE 1:200



**4 NORTH ELEVATION**  
SCALE 1:200

**NOTES:**

- Definitions: FFL - Finished Floor Level  
AOD - Above Ordnance Datum
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- 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**
- |                                     |                       |
|-------------------------------------|-----------------------|
| <b>1 Concrete / render finishes</b> | <b>5 Doors</b>        |
| 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               | <b>6 Window / metalwork accessories</b> |
| 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          | <b>Horizontal Enclosure Roof</b> |
| 3.2 Frameless glazing            | <b>7 Roofing</b>                 |
| 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 | <b>8 Roofing Accessories</b>   |
| 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           |                                |

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

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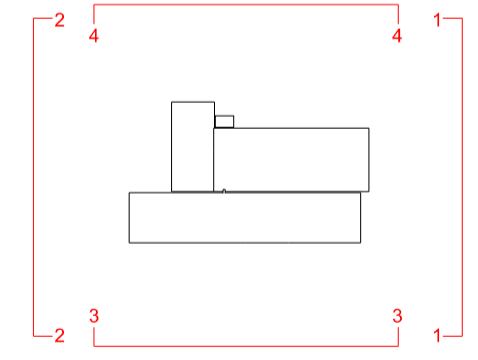
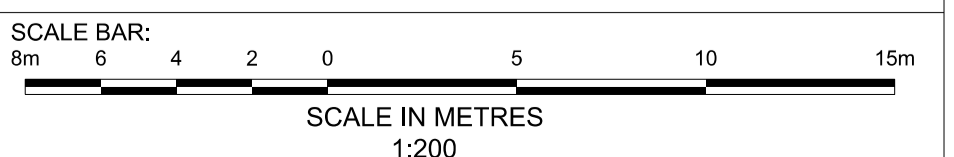
PROJECT:  
**SIZEWELL C**

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

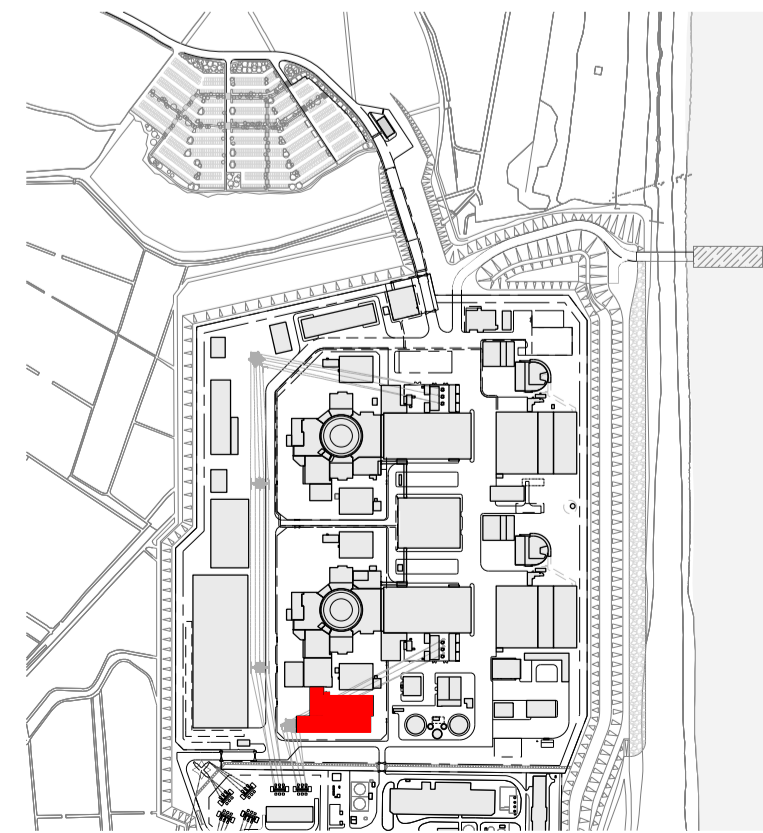
DRAWING TITLE:  
**MAIN DEVELOPMENT SITE UNIT 1 : HOT LAUNDRY BUILDING / HOT WORKSHOP / HOT WAREHOUSE / FACILITIES FOR DECONTAMINATION / EFFLUENT TANKS / REFUELLING WATER STORAGE TANK ELEVATIONS**

DRAWING NO: **SZC-SZ0701-XX-000-DRW-100084** REVISION: **02**

DATE: **SEP 2021** DRAWN: **CH** SCALE: **1:200 @ A1**

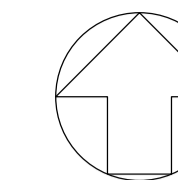


SIZEWELL C Elevation Key Plan - NTS



SIZEWELL C Site Key Plan - NTS





**NOTES:**

- 1. Definitions: FFL - Finished Floor Level  
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.

**KEY:**

**Vertical Enclosure**

**Wall**

- 1 Concrete / render finishes
- 1.1 In-situ concrete
- 1.2 Pre-cast concrete
- 1.3 Render finish

- 5 Doors
- 5.1 Metal door
- 5.2 Metal louvre door
- 5.3 Glazed door
- 5.4 Access gates

**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 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**

- 7 Roofing
- 7.1 Sedum roof
- 7.2 Ballast
- 7.3 Standing seam roof
- 7.4 Concrete roof

**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

**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

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

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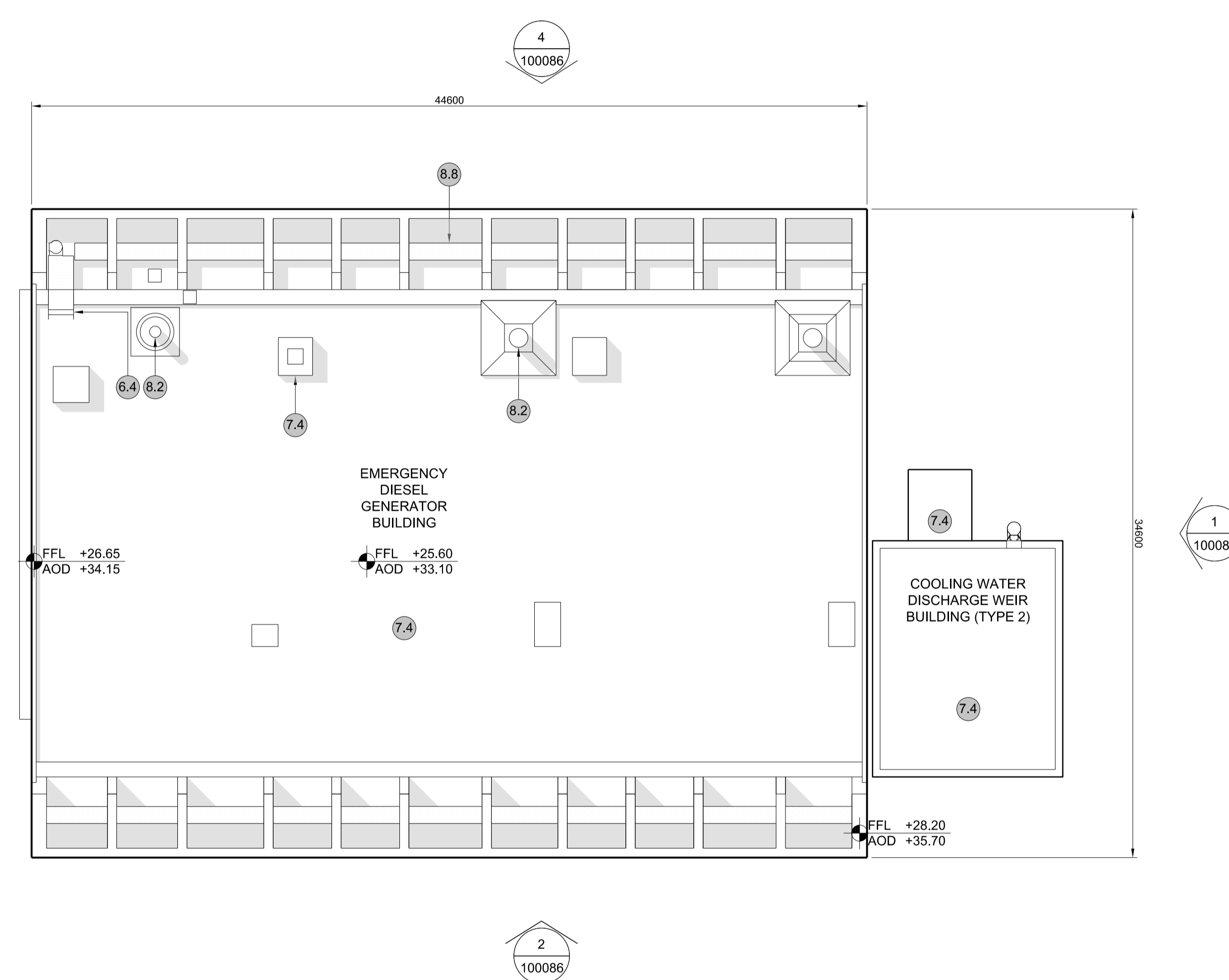
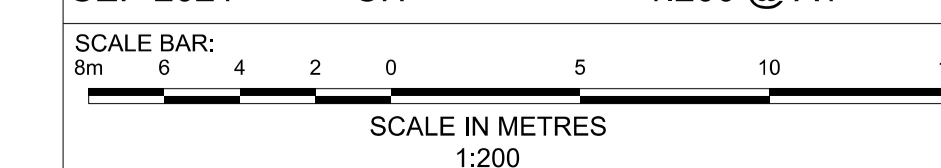
PROJECT:  
SIZEWELL C

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

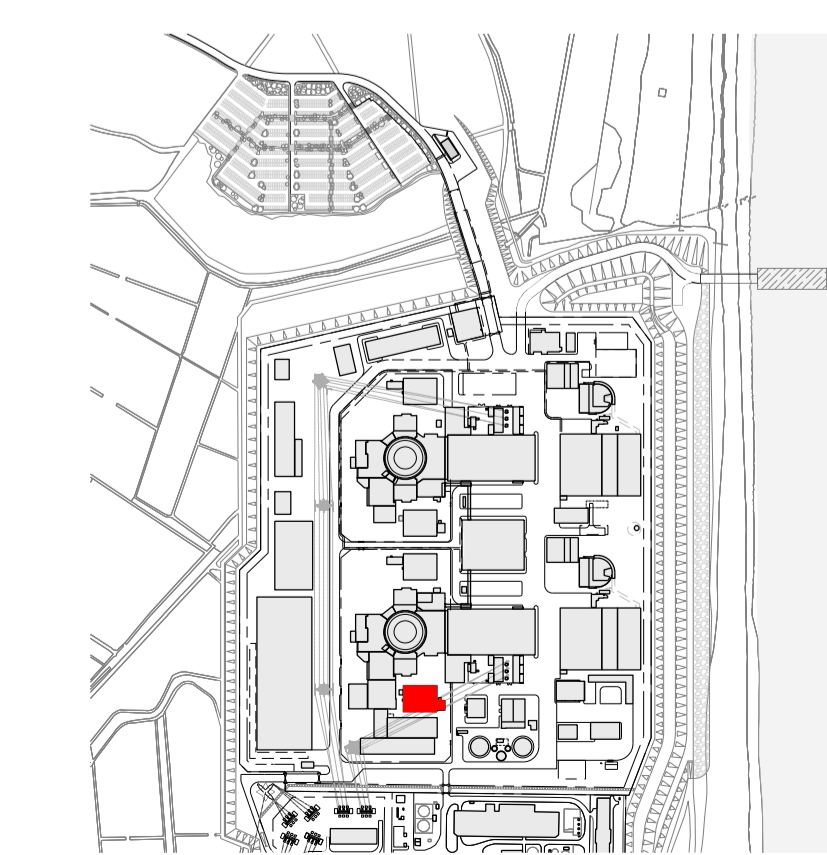
DRAWING TITLE:  
MAIN DEVELOPMENT SITE  
UNIT 1: EMERGENCY DIESEL GENERATOR  
BUILDING - A / COOLING WATER  
DISCHARGE WEIR BUILDING (TYPE 2)  
ROOF PLAN

DRAWING NO: SZC-SZ0701-XX-000-DRW-100085  
REVISION: 02

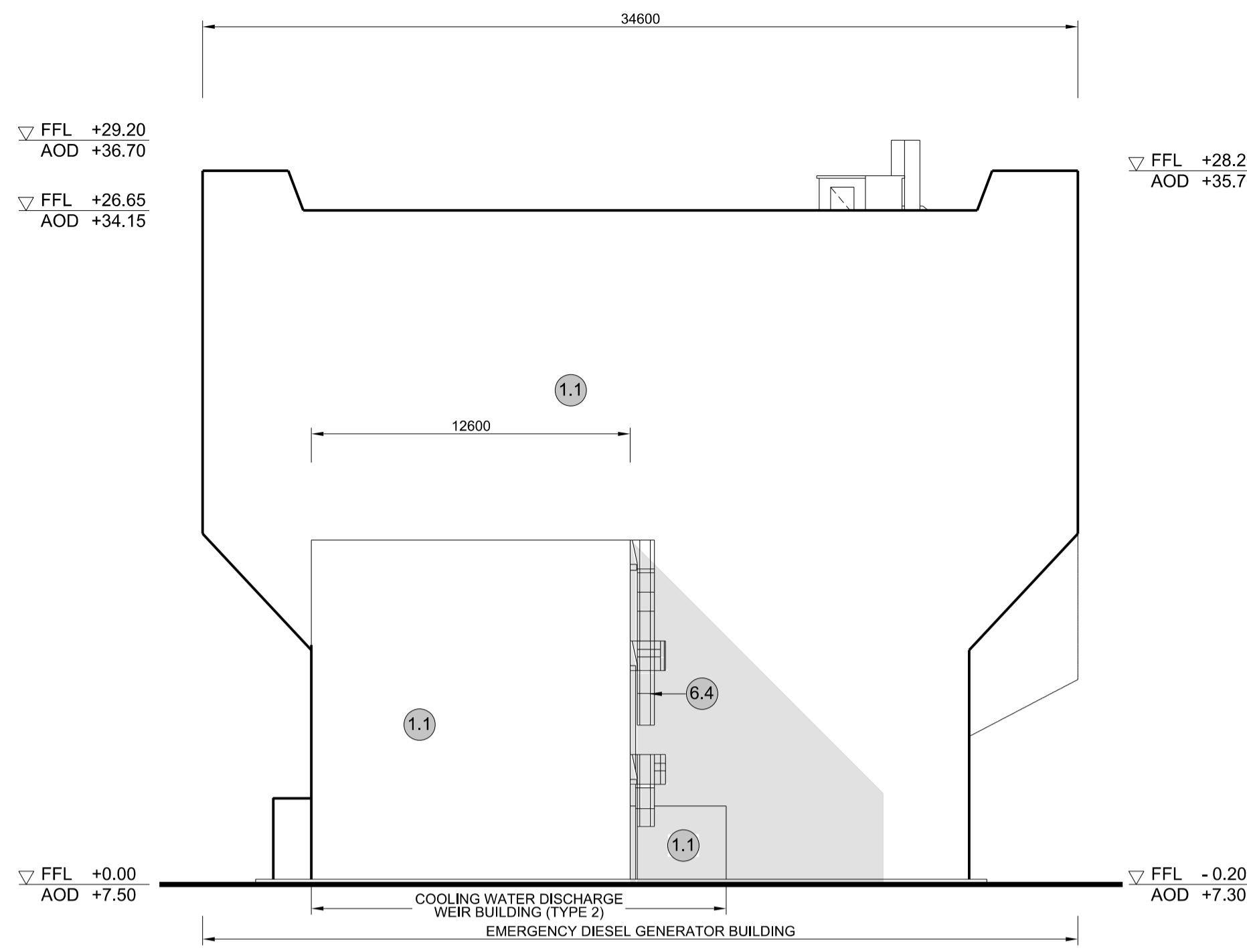
DATE: SEP 2021  
DRAWN: CH  
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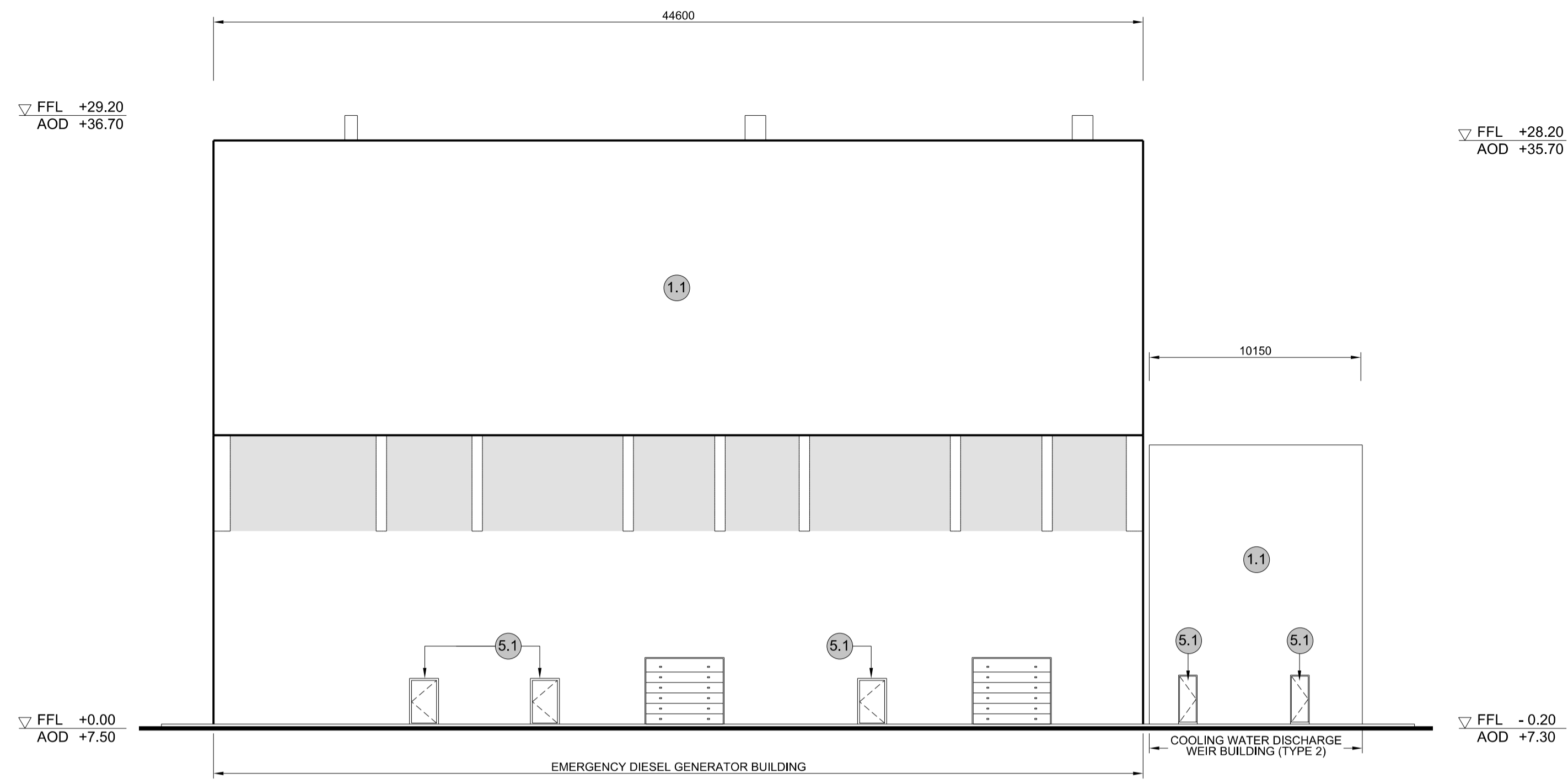
1 **ROOF PLAN**  
SCALE 1:200



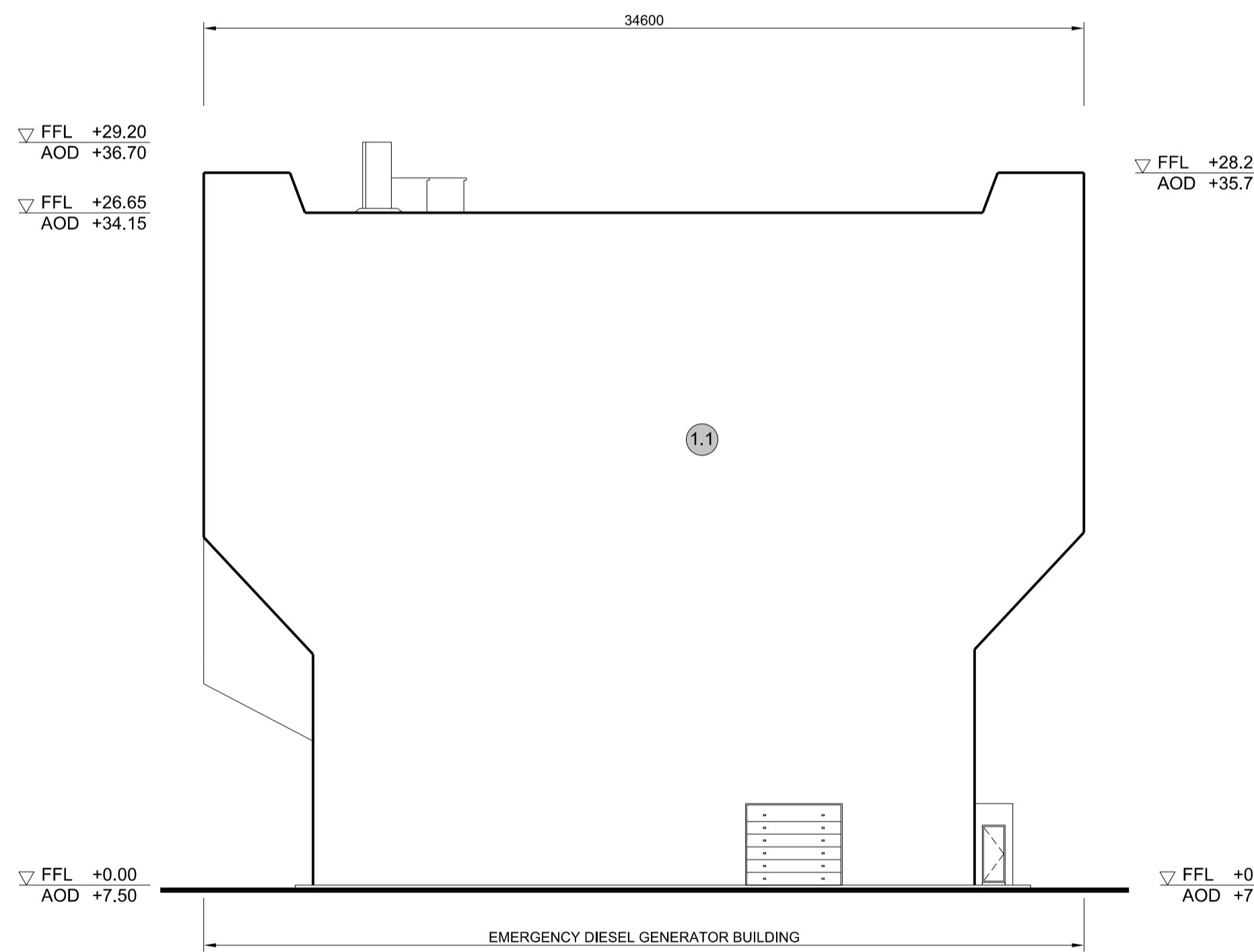




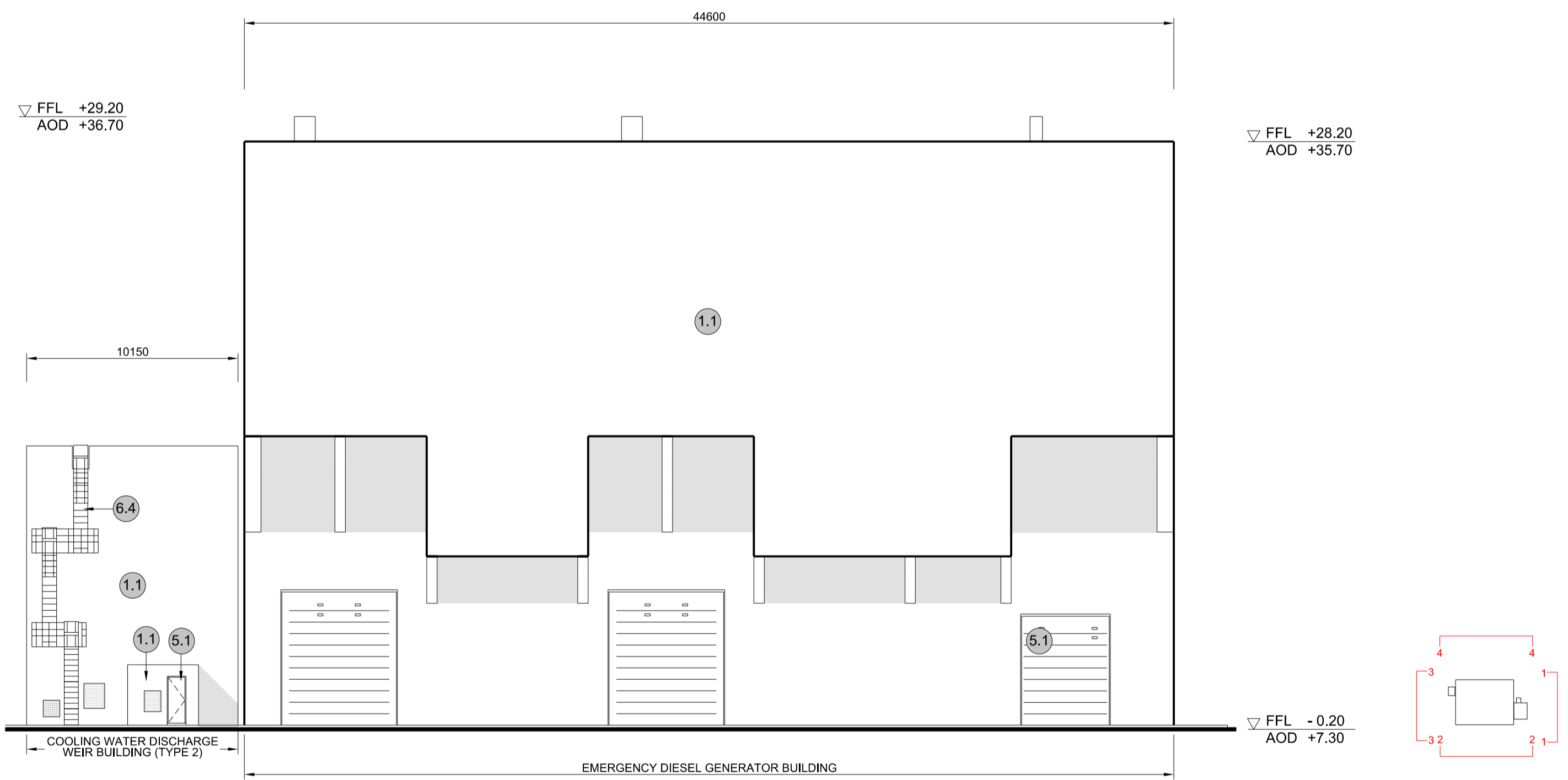
**1 EAST ELEVATION**  
SCALE 1:200



**2 SOUTH ELEVATION**  
SCALE 1:200



**3 WEST ELEVATION**  
SCALE 1:200



**4 NORTH ELEVATION**  
SCALE 1:200

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- KEY:**
- Vertical Enclosure**
- Wall**
- |                                     |                       |
|-------------------------------------|-----------------------|
| <b>1 Concrete / render finishes</b> | <b>5 Doors</b>        |
| 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               | <b>6 Window / metalwork accessories</b> |
| 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          | <b>Horizontal Enclosure Roof</b> |
| 3.2 Frameless glazing            | <b>7 Roofing</b>                 |
| 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 | <b>8 Roofing Accessories</b>   |
| 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           |                                |

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

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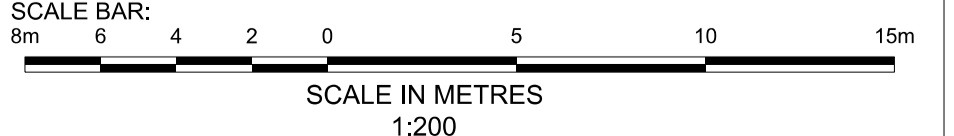
PROJECT:  
**SIZEWELL C**

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

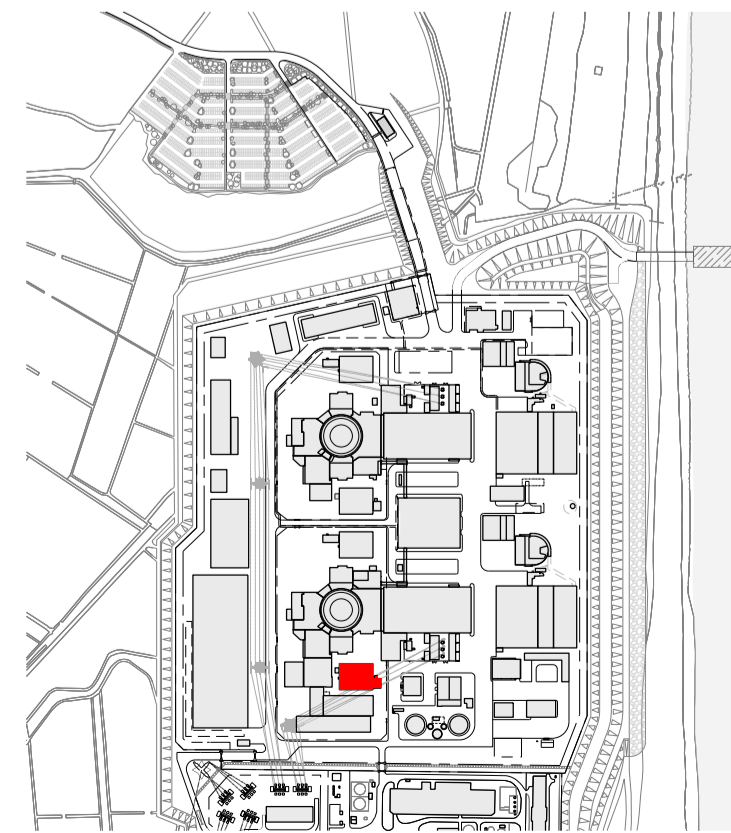
DRAWING TITLE:  
**MAIN DEVELOPMENT SITE  
UNIT 1: EMERGENCY DIESEL GENERATOR BUILDING - A / COOLING WATER DISCHARGE WEIR BUILDING (TYPE 2) ELEVATIONS**

DRAWING NO: SZC-SZ0701-XX-000-DRW-100086 REVISION: 02

DATE: SEP 2021 DRAWN: CH SCALE: 1:200 @ A1

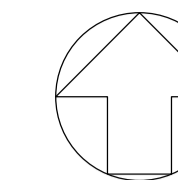


SIZEWELL C Elevation Key Plan - NTS



SIZEWELL C Site Key Plan - NTS





**NOTES:**

- 1. Definitions: FFL - Finished Floor Level  
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.

**KEY:**

**Vertical Enclosure**

**Wall**

- 1 Concrete / render finishes
- 1.1 In-situ concrete
- 1.2 Pre-cast concrete
- 1.3 Render finish

- 5 Doors
- 5.1 Metal door
- 5.2 Metal louvre door
- 5.3 Glazed door
- 5.4 Access gates

**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 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**

- 7 Roofing
- 7.1 Sedum roof
- 7.2 Ballast
- 7.3 Standing seam roof
- 7.4 Concrete roof

**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

**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

02	SEP 21	GA	GA	DCO APPLICATION - DEADLINE 8 SUBMISSION (24 SEPTEMBER 2021)	SZC Co
REVISION	DATE	DRAWN/CHECKED		REASONS FOR REVISION / COMMENTS	APPROVED
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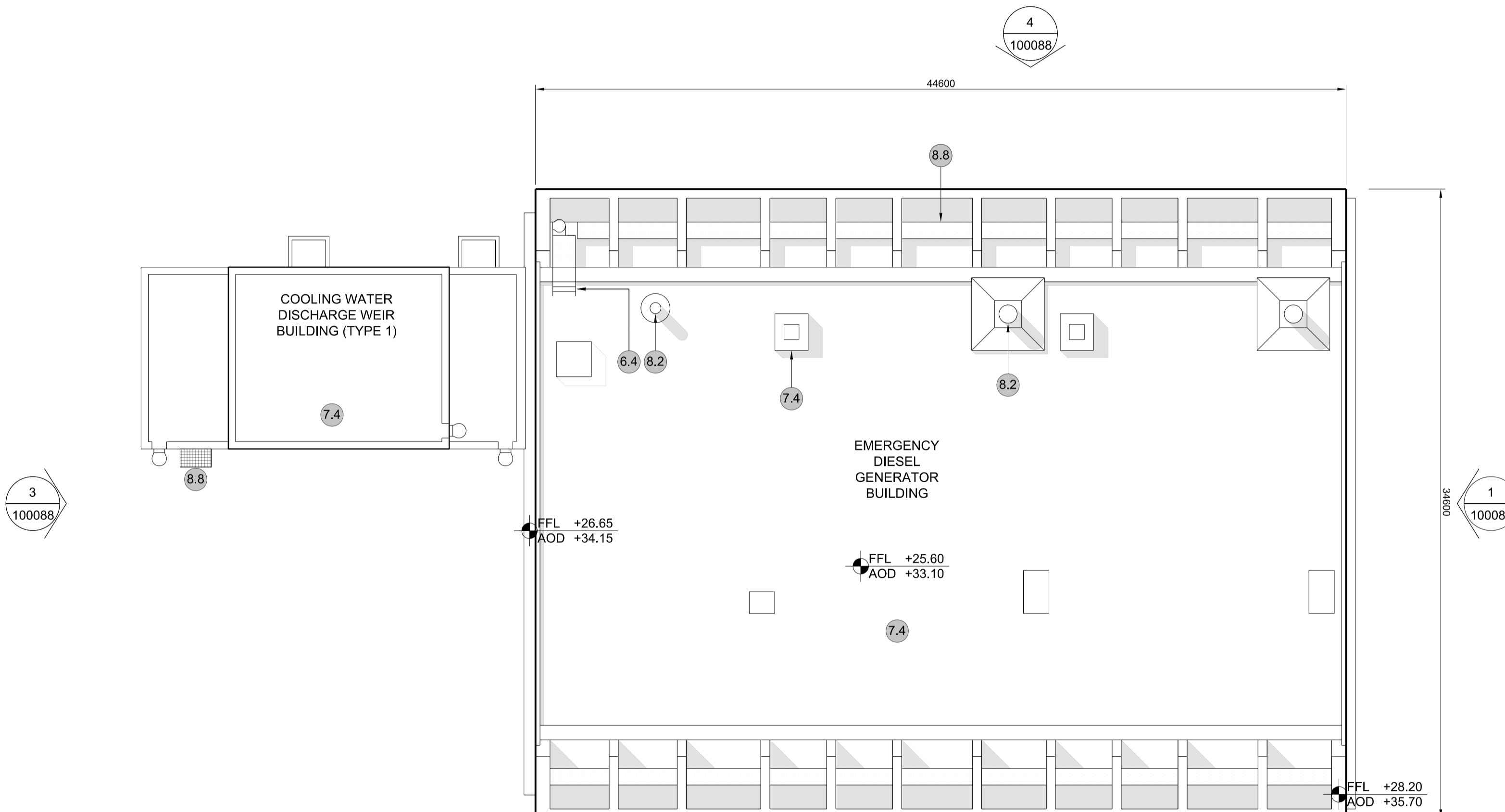
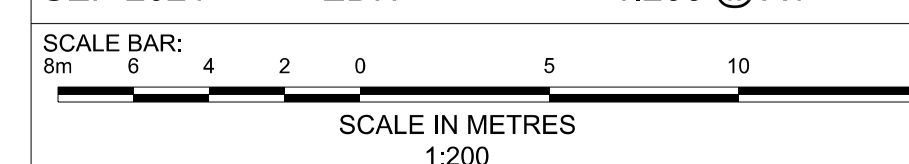
PROJECT:  
SIZEWELL C

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

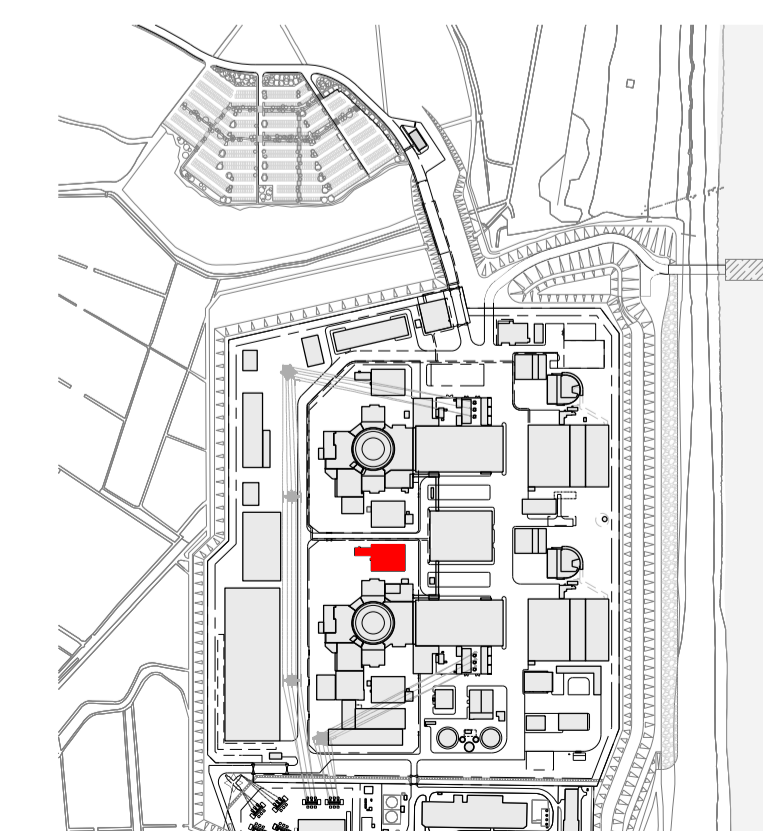
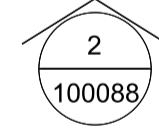
DRAWING TITLE:  
MAIN DEVELOPMENT SITE  
UNIT 1: EMERGENCY DIESEL GENERATOR  
BUILDING - B / COOLING WATER DISCHARGE  
WEIR BUILDING (TYPE 1)  
ROOF PLAN

DRAWING NO: SZC-SZ0701-XX-000-DRW-100087 REVISION: 02

DATE: SEP 2021 DRAWN: EDH SCALE: 1:200 @ A1

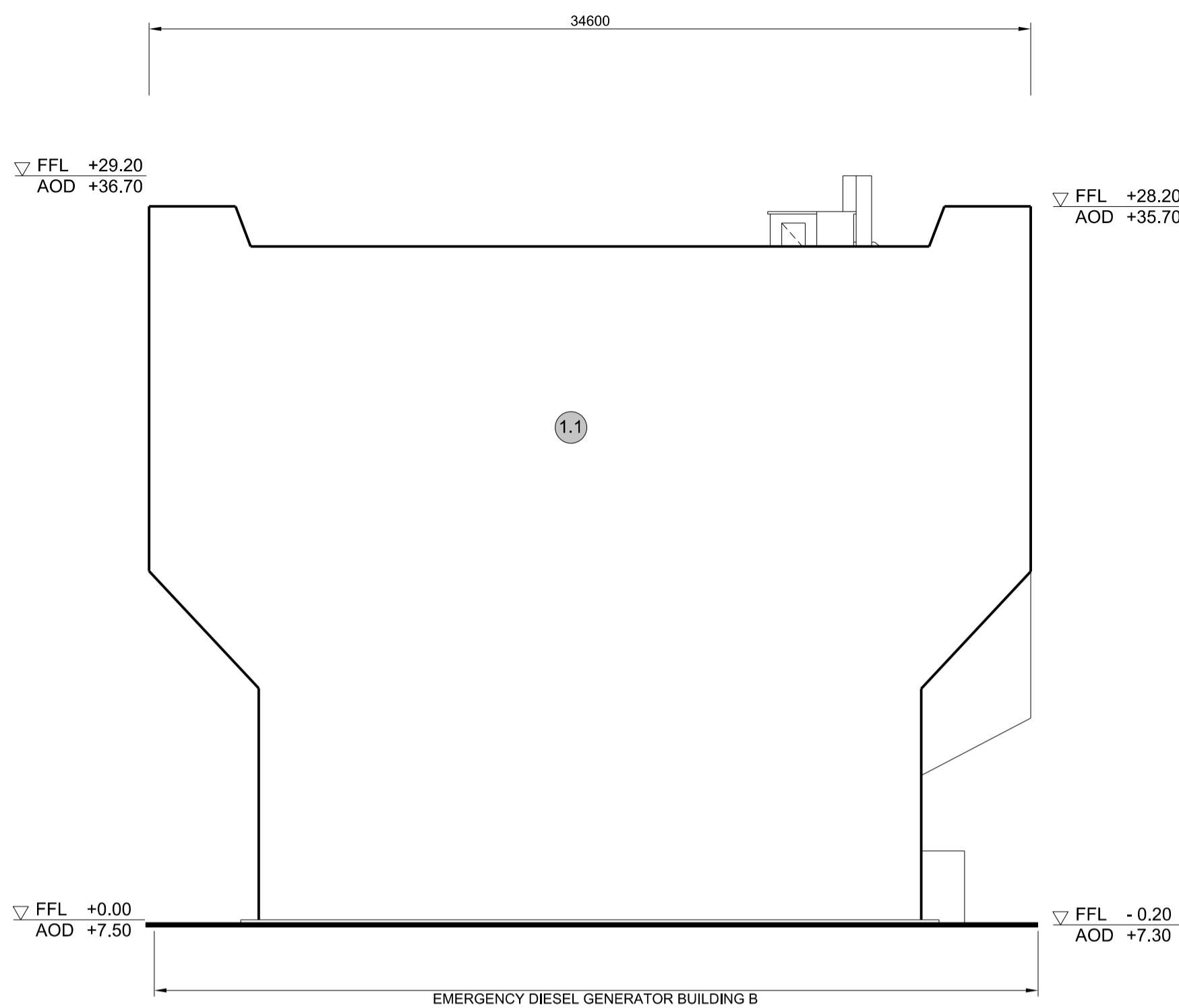


1 ROOF PLAN  
SCALE 1:200

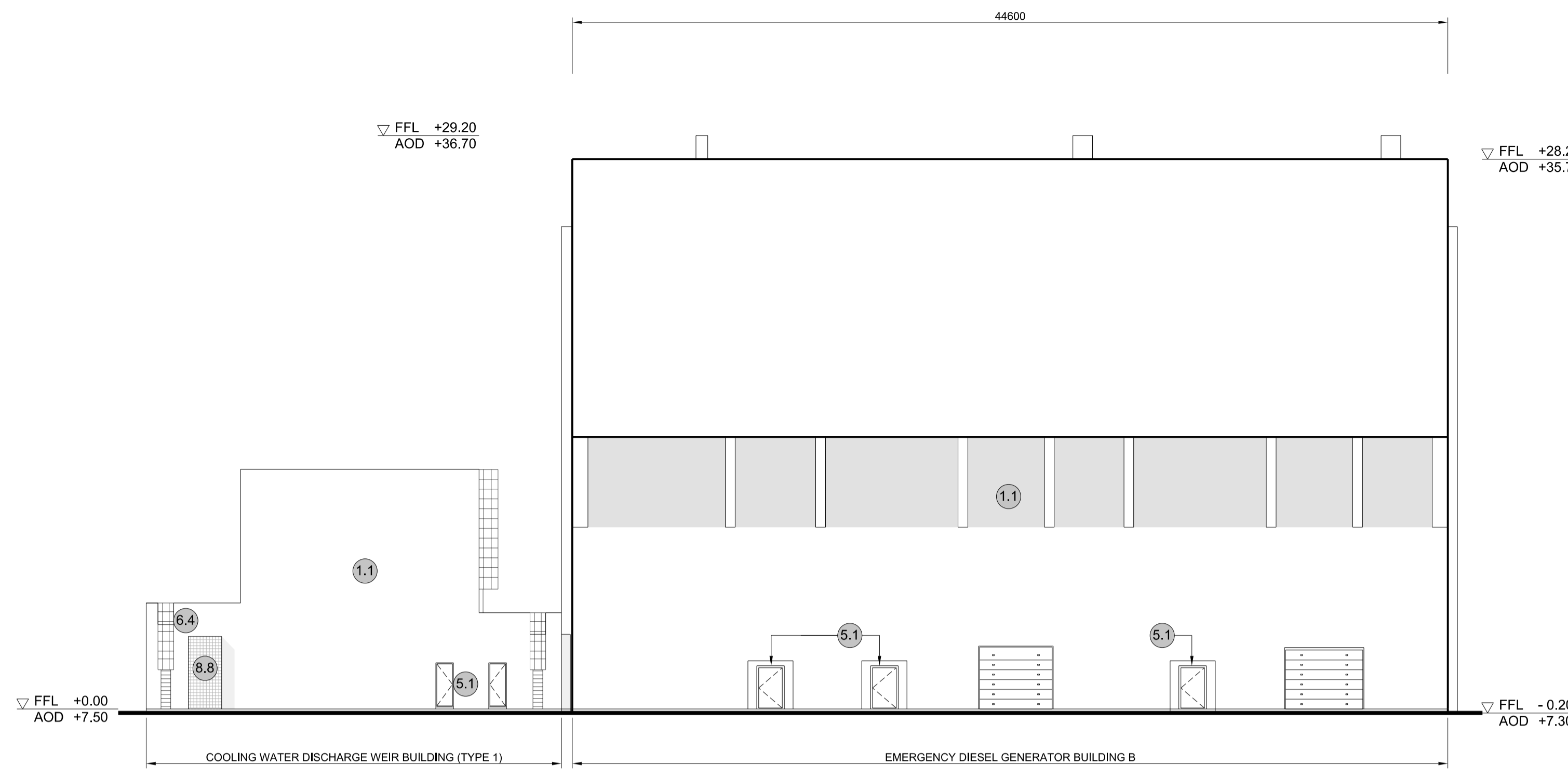


SIZEWELL C Site Key Plan - NTS

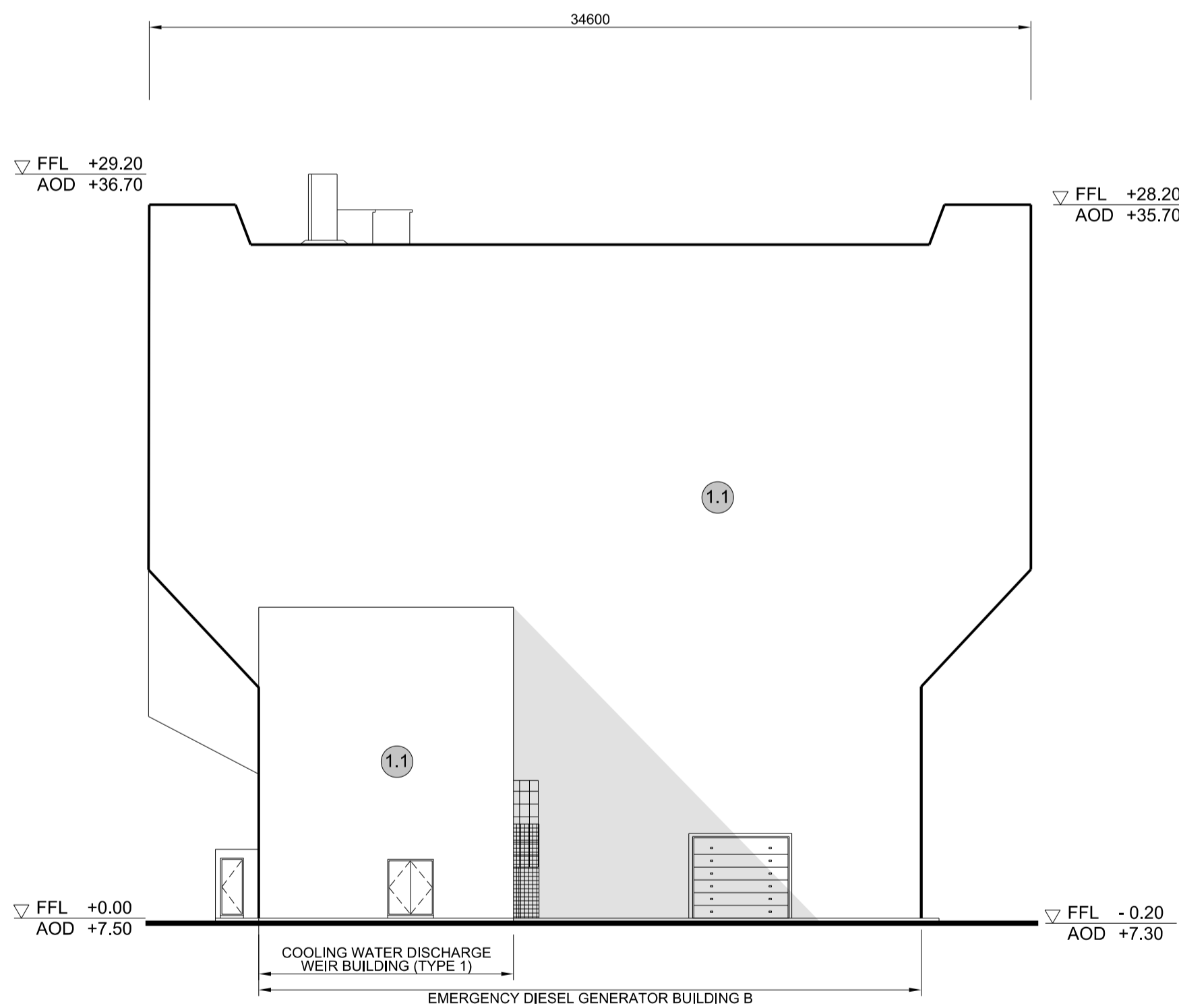




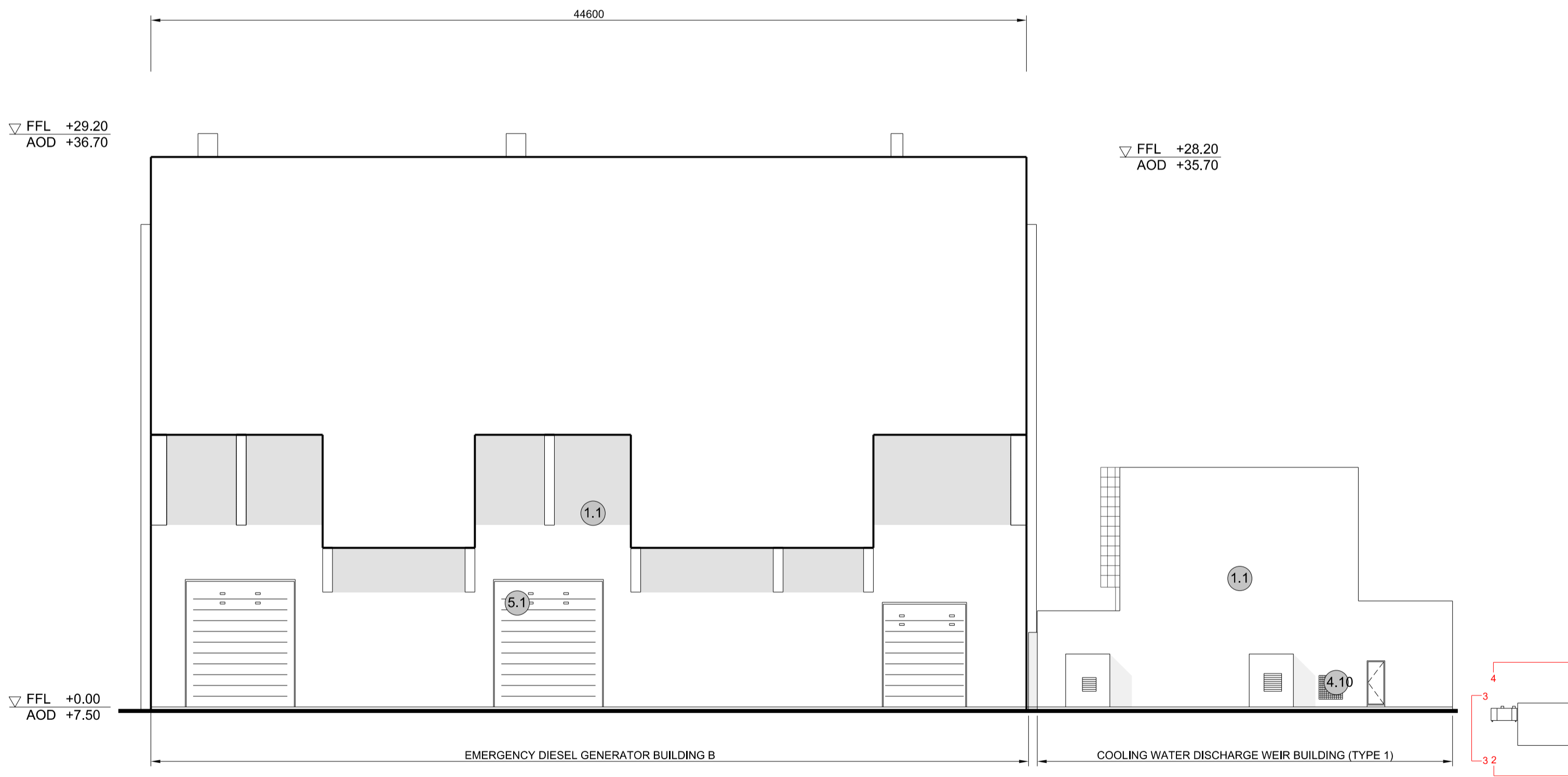
**1 EAST ELEVATION**  
SCALE 1:200



**2 SOUTH ELEVATION**  
SCALE 1:200

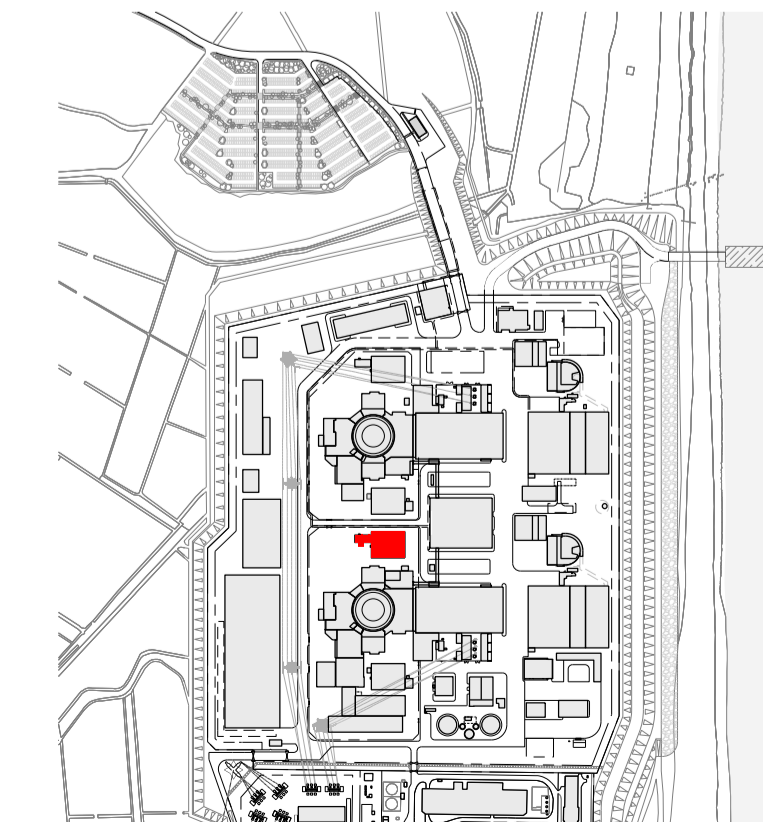


**3 WEST ELEVATION**  
SCALE 1:200



**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 aeriels 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**
- |                                     |                       |
|-------------------------------------|-----------------------|
| <b>1 Concrete / render finishes</b> | <b>5 Doors</b>        |
| 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               | <b>6 Window / metalwork accessories</b> |
| 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          | <b>Horizontal Enclosure Roof</b> |
| 3.2 Frameless glazing            | <b>7 Roofing</b>                 |
| 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 | <b>8 Roofing Accessories</b>   |
| 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           |                                |

02	SEP 21	GA	GA	DCO APPLICATION - DEADLINE 8 SUBMISSION (24 SEPTEMBER 2021)	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  
BUILDING - B / COOLING WATER  
DISCHARGE WEIR BUILDING (TYPE 1)  
ELEVATIONS

DRAWING NO: SZC-SZ0701-XX-000-DRW-100088 REVISION: 02

DATE: SEP 2021 DRAWN: EDH SCALE: 1:200 @ A1

