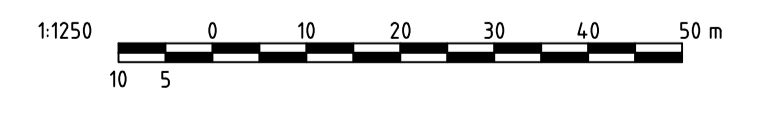


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 - MAPPING SYSTEM IS MGA/20CD-55 (ZONE 55, MGA 2020)
 - THE FIRE HYDRANT SYSTEM TO BE CONFIRMED WITH THE PROGRESS OF THE DESIGN
 - THE ROAD DESIGN TO BE CONFIRMED WITH THE PROGRESS OF THE DESIGN
 - REFER TO DRAWING EHV-YGB-EL-DR-0002 FOR OVERALL LAYOUT.
 - FINAL FIRE SERVICE ARRANGEMENT TO BE CONFIRMED WITH THE PROGRESS OF DETAILED DESIGN WITH THE BELOW POTENTIAL ARRANGEMENT FOR WATER TANKS:
 - OPTION 1**
 - A MINIMUM 576kl FIRE WATER SUPPLY, IN 2 INTERCONNECTED 288kl TANKS IN A SINGLE LOCATION, IN ACCORDANCE WITH AS2419.1 AND
 - A SINGLE FIRE HYDRANT SYSTEM IN ACCORDANCE WITH AS2419.1-2021 THE PROVIDES COVERAGE TO THE ENTIRETY OF BOTH (NORTH AND SOUTH) BESS AREAS.
 - OPTION 2**
 - A MINIMUM 576kl FIRE WATER SUPPLY, ACROSS TWO MIN 288kl LOCATIONS (EG. 2x144kl INTERCONNECTED TANKS AT EACH OF THE NORTH AND SOUTH BESS AREAS) IN ACCORDANCE WITH AS2419.1-2021, ONE FOR EACH OF THE NORTH AND SOUTH BESS AREAS, PROVIDING FULL COVERAGE TO EACH AREA.

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- LEGEND**
- SWG BUILDING - DEMOUNTABLE BUILDING CONTAINING 33kV SWITCHGEAR & CONTROL EQUIPMENT
 - HV SWG - 66kV SWITCHGEAR
 - AUX TRFR - AUXILIARY TRANSFORMER
 - PTRFR - 66/33kV POWER TRANSFORMER
 - GEN - DIESEL GENERATOR
 - RPC - 33kV REACTIVE POWER COMPENSATION EQUIPMENT
 - BESS - BATTERY ENERGY STORAGE SYSTEM
 - PCS - POWER CONVERSION SYSTEM
 - PH - PUMP HOUSE
 - O&M - OPERATIONS AND MAINTENANCE BUILDING
 - FENCE
 - ARTIFACT SCATTER
 - SOUND WALL UP TO 7m



ADVERTISED PLAN

DRAWING STATUS
PRELIMINARY ISSUE

No	DESCRIPTION	DRAWN	CHKD	APPRD	DATE	DESCRIPTION	DRAWING No.
D	ISSUED FOR REVIEW	G.L.S.	K.R.G.	P.N.	05/01/26		
C	REVISED LAYOUT	G.L.S.	K.R.G.	P.N.	19/11/25		
B	ISSUED FOR REVIEW	G.L.S.	K.R.G.	P.N.	15/10/25		
A	ISSUED FOR REVIEW	G.L.S.	K.R.G.	P.N.	08/10/25		

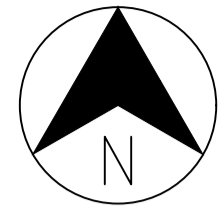


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DRAWING TITLE
YANGERY BESS 120MW COLLECTOR STATION & BESS PROPOSED SITE PLAN

DESIGN	G.L.SMITH	DRAWN	G.L.SMITH	DATE	22/04/2025
AT SCALE	1:1250	CAD FILE	EHV-YGB-EL-DR-0001	FOLDER	YGB
DRAWING NUMBER	EHV-YGB-EL-DR-0001	SHEET NUMBER	1	OF	1
				REV	D

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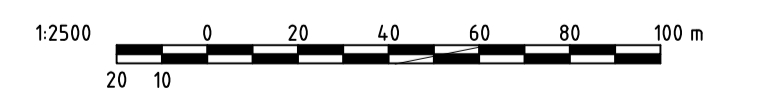
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6. MAPPING SYSTEM IS MGA/20CD-55 (ZONE 55, MGA 2020)
7. THE FIRE HYDRANT SYSTEM TO BE CONFIRMED WITH THE PROGRESS OF THE DESIGN
8. REFER TO DRAWING EHV-YGB-EL-DR-0001 FOR DETAILS.
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 - OPTION 2
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LEGEND

- HOLDING POND
- SOUND WALL UP TO 7.5m
- PUMP HOUSE
- WATER TANK
- BESS OR PCS
- FENCE
- ARTIFACT SCATTER



ADVERTISED PLAN



PRELIMINARY ISSUE

No	DESCRIPTION	DRAWN	CHKD	APPRD	DATE	DESCRIPTION	REFERENCES	DRAWING No.
D	ISSUED FOR REVIEW	G.L.S.	K.R.G.	P.N.	05/01/26			
C	ADDED NOTES AND LEGEND	G.L.S.	K.R.G.	P.N.	19/11/25			
B	REVISED LAYOUT	G.L.S.	K.R.G.	P.N.	14/11/25			
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DRAWING TITLE

**YANGERY BESS 120MW
COLLECTOR STATION & BESS
PROPOSED OVERALL SITE PLAN**

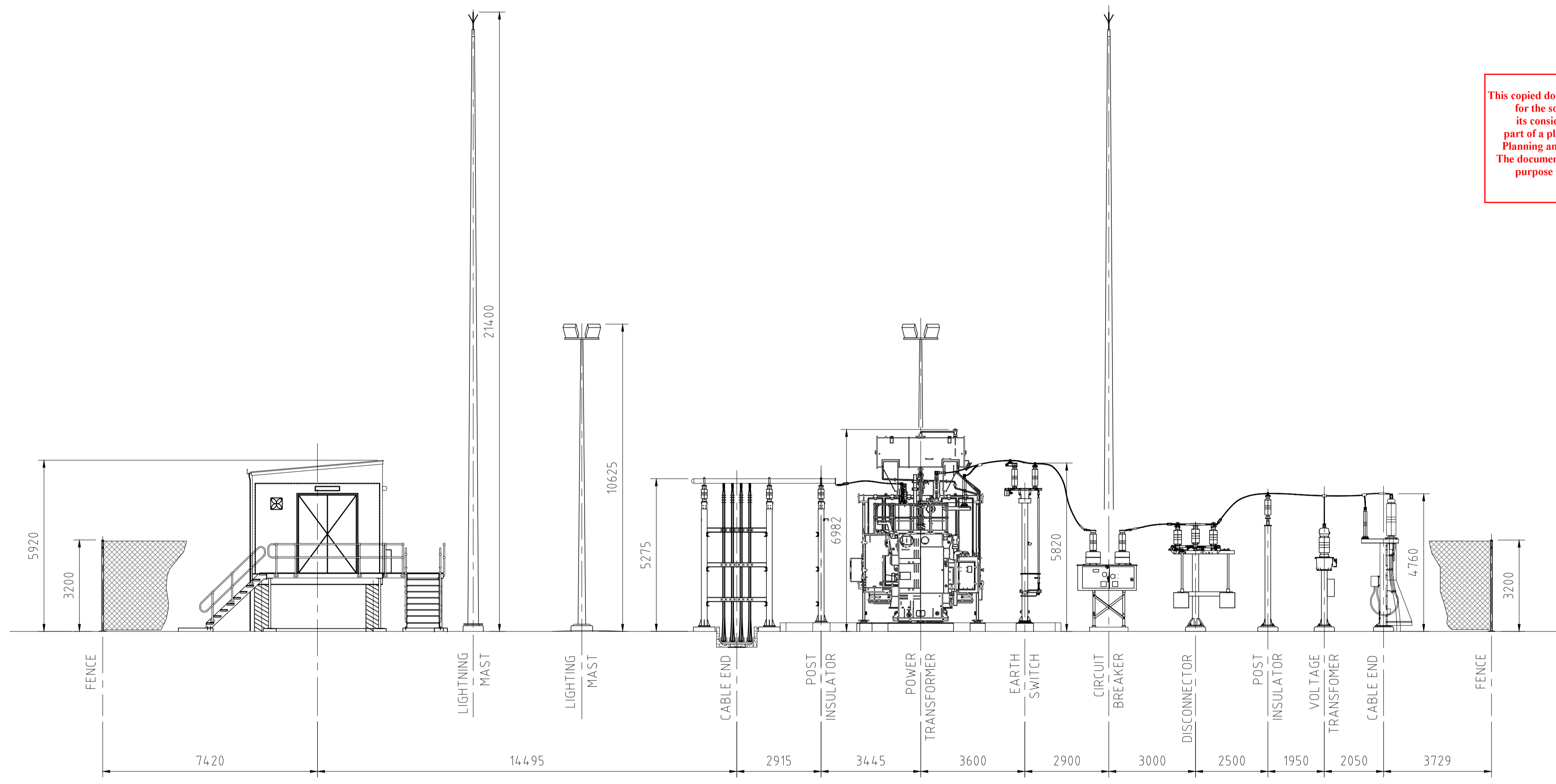
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AT SCALE	1:2500	CAD FILE	EHV-YGB-EL-DR-0002	FOLDER	YGB
DRAWING NUMBER	EHV-YGB-EL-DR-0002	SHEET NUMBER	1	OF	1
REV					D

66kV CLEARANCES
 SECTION CLEARANCE (S) = 3135mm
 GROUND CLEARANCE (G) = 2440mm
 PHASE - PHASE (P-P) = 725mm
 PHASE - EARTH (P-E) = 630mm

33kV CLEARANCES
 SECTION CLEARANCE (S) = 2860mm
 GROUND CLEARANCE (G) = 2440mm
 PHASE - PHASE (P-P) = 440mm
 PHASE - EARTH (P-E) = 380mm

NOTE:
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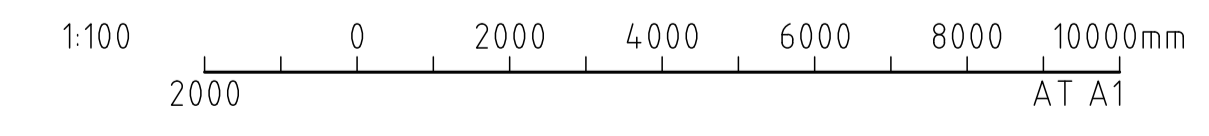
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EAST ELEVATION

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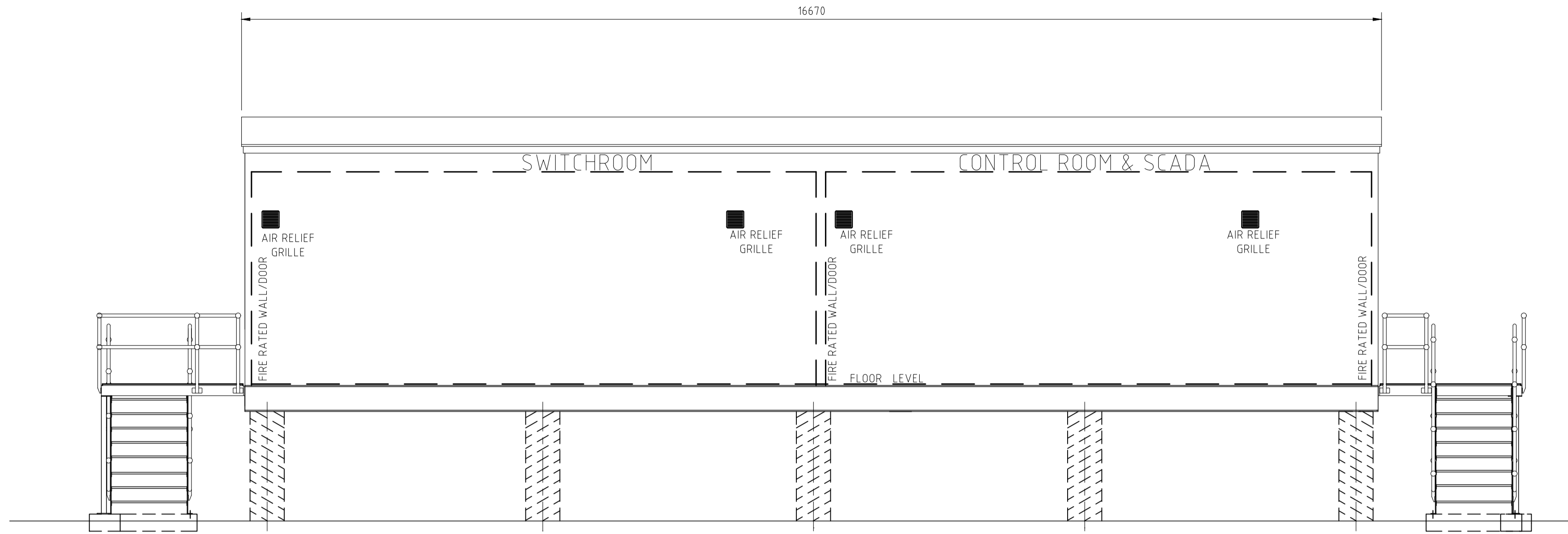
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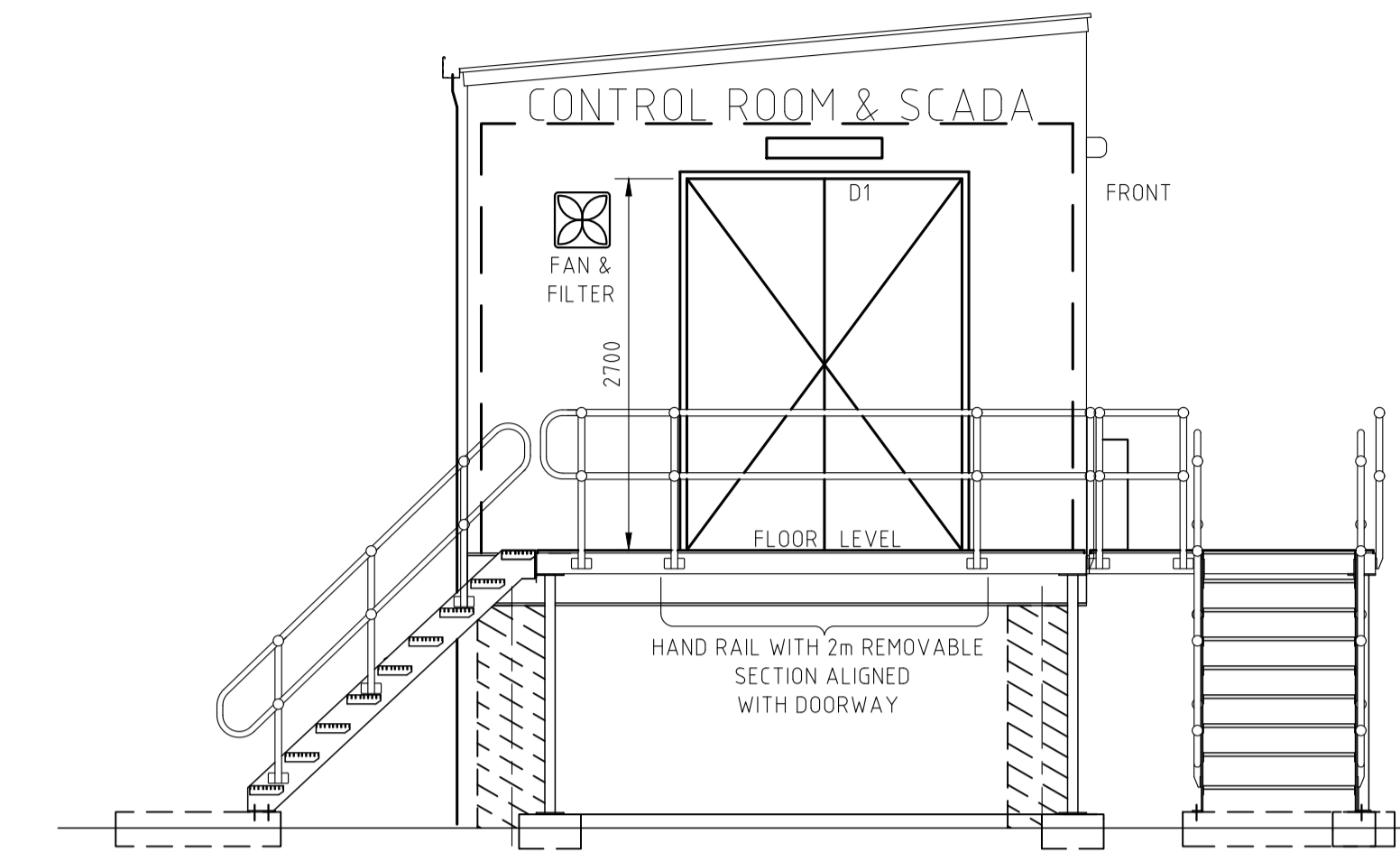
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DRAWING TITLE
**YANGERY BESS
 66/33kV COLLECTOR STATION
 PROPOSED ELEVATION**

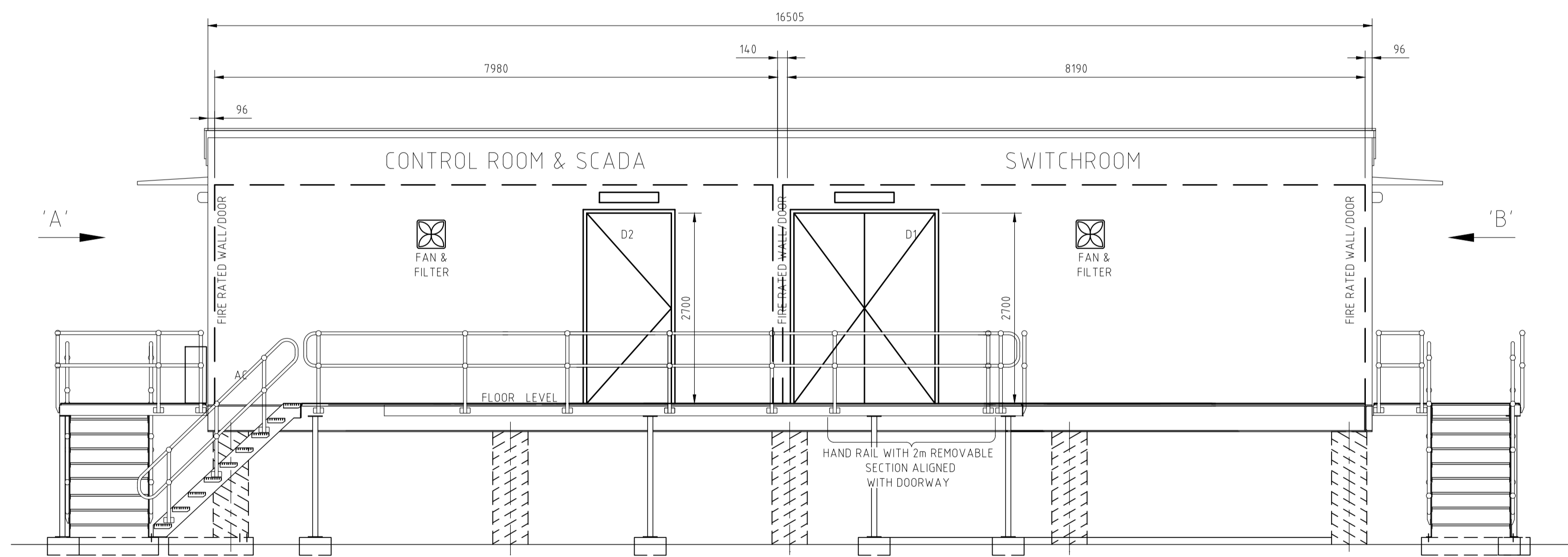
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DRAWING NUMBER	EHV-YGB-EL-DR-0005	SHEET NUMBER	1	OF	1
		REV			B



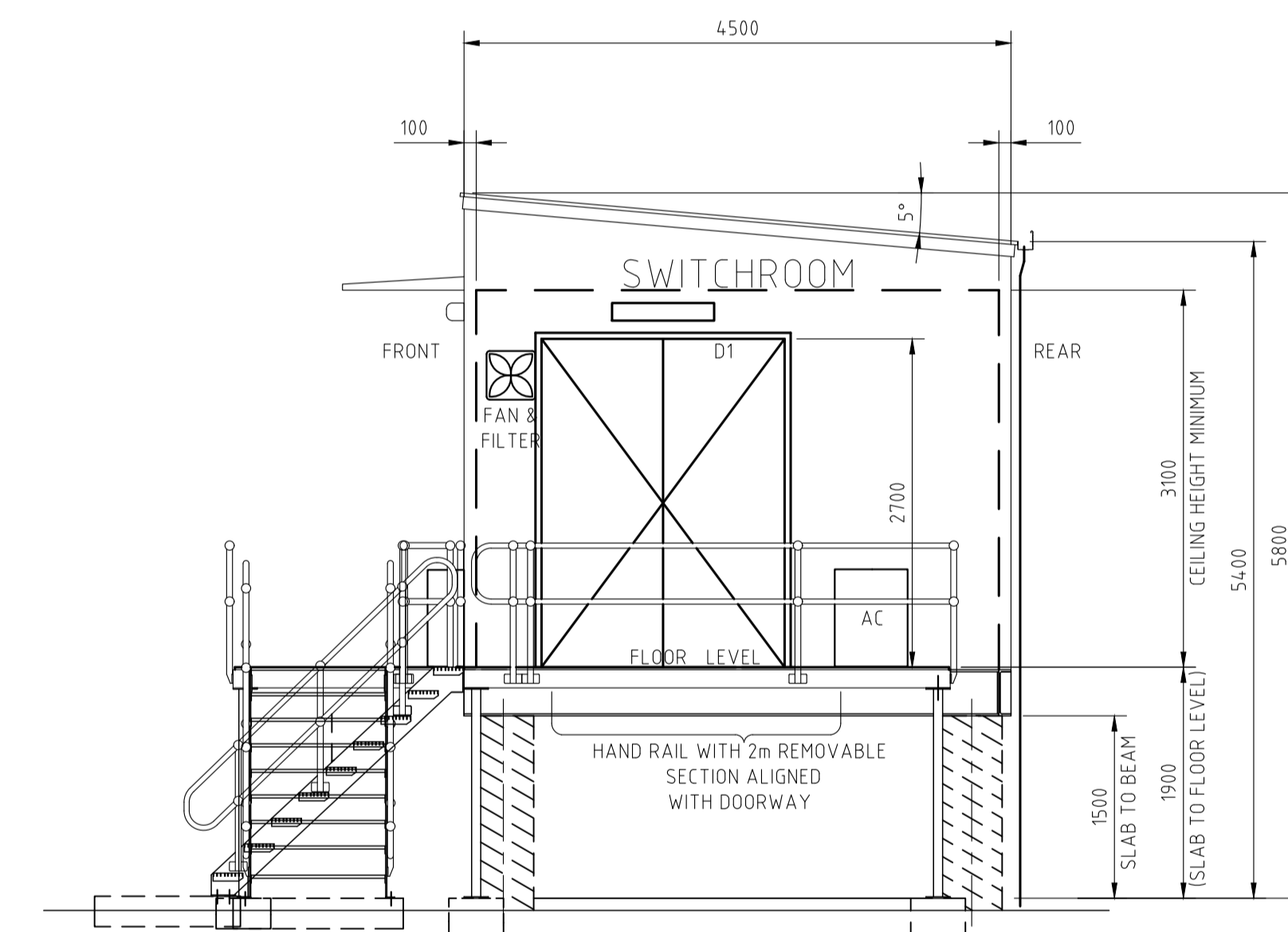
FRONT VIEW



END VIEW 'A'



REAR VIEW



END VIEW 'B'

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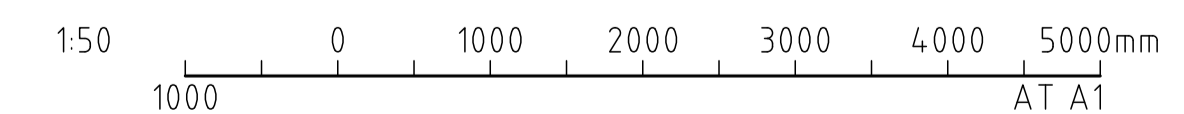
NOTES:

THESE NOTES TO BE READ IN CONJUNCTION WITH CONTROL BUILDING DESIGN SPECIFICATION.

1. ALL DIMENSIONS, LAYOUTS AND SPECIFICATIONS INDICATED ARE NOMINAL.
2. INTERNAL WALLS SHALL BE ACOUSTICALLY INSULATED.
3. BUILDING SHALL BE DESIGNED FOR A XX YEAR DESIGN LIFE.
4. BUILDING INTRUSION DETECTION SYSTEM SHALL BE PROVIDED. THE SYSTEM SHALL MONITOR THE WHOLE BUILDING INCLUDING DOORS.
5. AUXILIARY SUPPLIES, COOLING AND HEATING, INTERNAL AND EXTERNAL LIGHTING, POWER, DATA AND TELEPHONE CONNECTIONS SHALL BE PROVIDED.
6. A KEY SAFE SHALL BE PROVIDED.
7. THE BUILDING SHALL BE MOUNTED ON A STEEL BASE FRAME AND ELEVATED ABOVE GROUND LEVEL AS SHOWN TO ENABLE CONNECTION OF FIELD CABLES AND SERVICES.
8. BUILDING SHALL BE CONSTRUCTED TO PROVIDE A FIRE RATING IN ACCORDANCE WITH THE RELEVANT LAWS AND AUTHORIZATIONS, INCLUDING WALLS, CEILING AND FLOOR.
9. IN ACCORDANCE WITH THE TRANSPORTABLE BUILDING DESIGN SPECIFICATION, THE BUILDING SHALL BE PROVIDED WITH AN APPROVED FIRE ALARM SYSTEM.
10. ALL DOORS TO BE KEYPED ALIKE.
11. ALL ROOMS TO BE POSITIVELY PRESSURISED AS STATED IN THE TRANSPORTABLE CONTROL BUILDING DESIGN SPECIFICATION.
12. CEILING HEIGHT TO BE A MINIMUM 3100mm.
13. ALL FOOTINGS SHALL BE CAST IN MATERIAL WITH A MINIMUM ALLOWABLE BEARING CAPACITY OF XXIPa.

ADVERTISED PLAN

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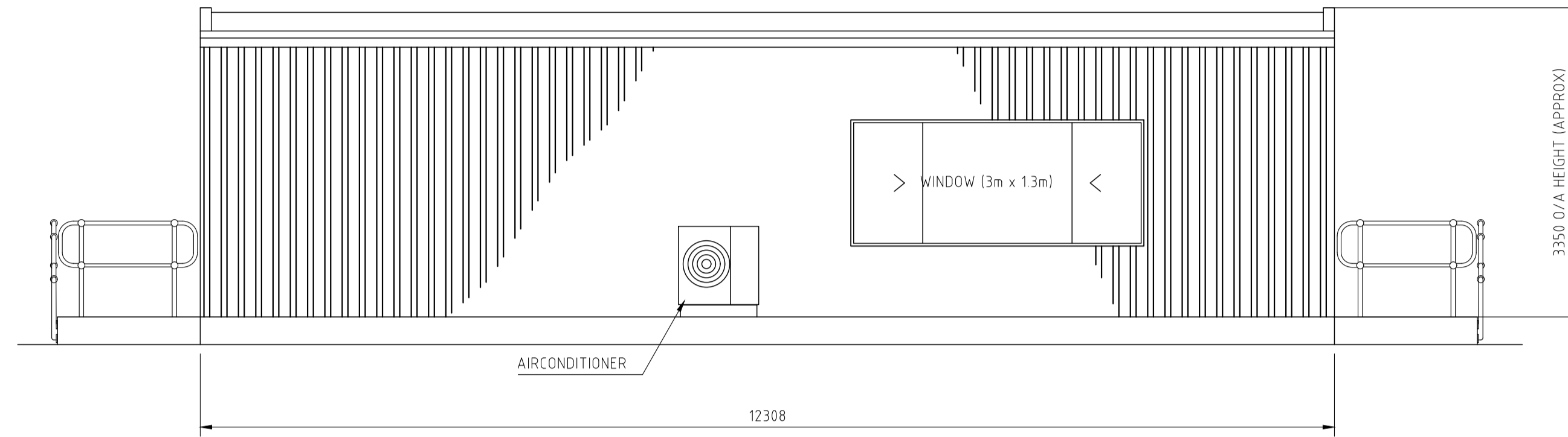
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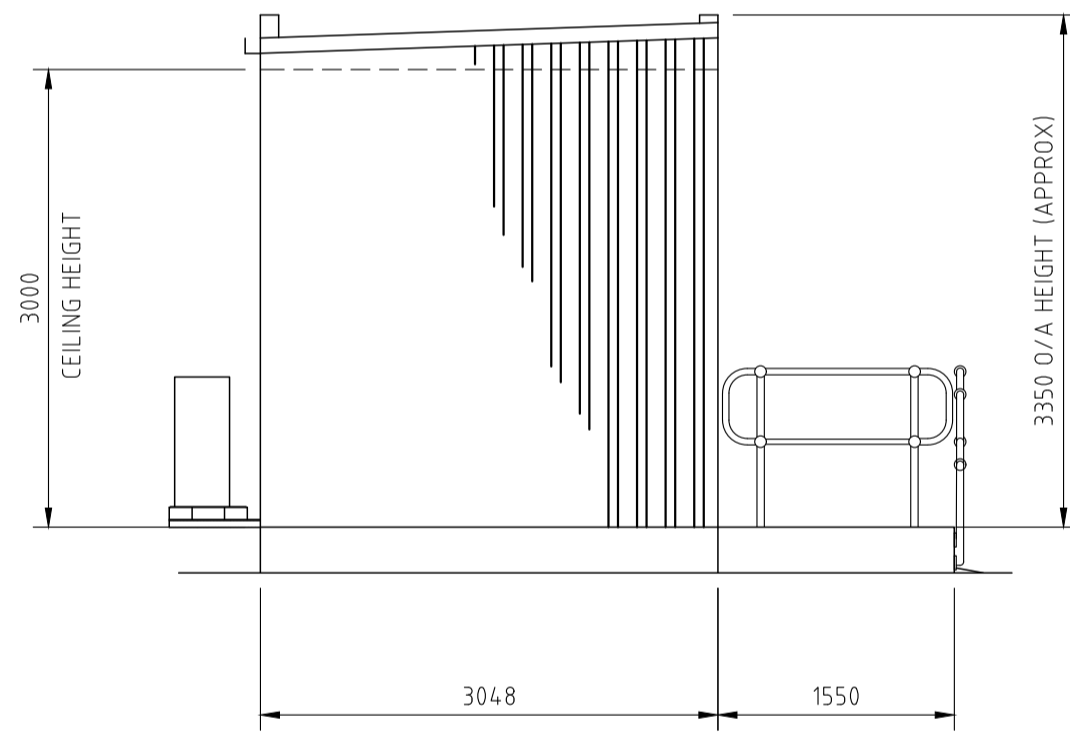
DRAWING TITLE
YANGERY BESS AND 66/33kV COLLECTOR STATION PROPOSED SWITCHGEAR/CONTROL BUILDING ELEVATIONS

DESIGN	G.L.SMITH	DRAWN	N.OCHOA	DATE	08/12/2025
A1 SCALE	1:50	CAD FILE	EHV-YGB-EL-DR-0006	FOLDER	YGB
DRAWING NUMBER	EHV-YGB-EL-DR-0006	SHEET NUMBER	1	OF	1
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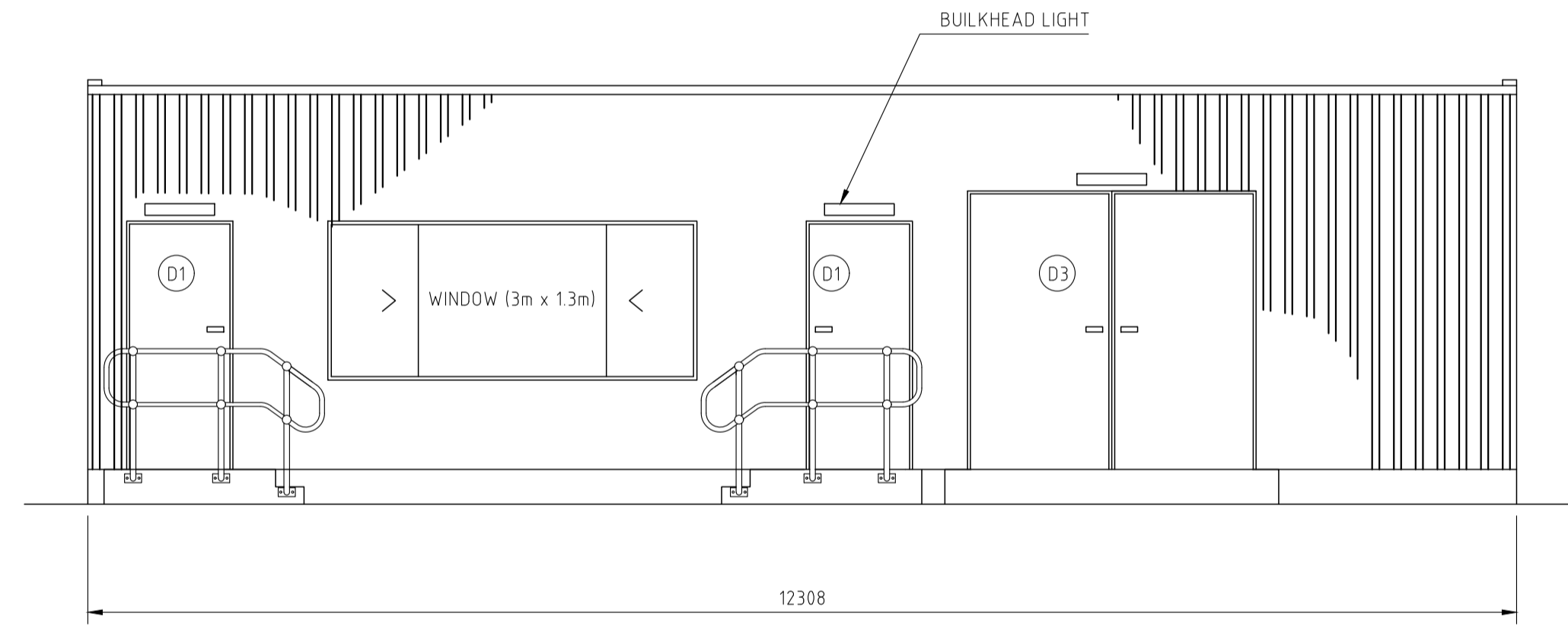
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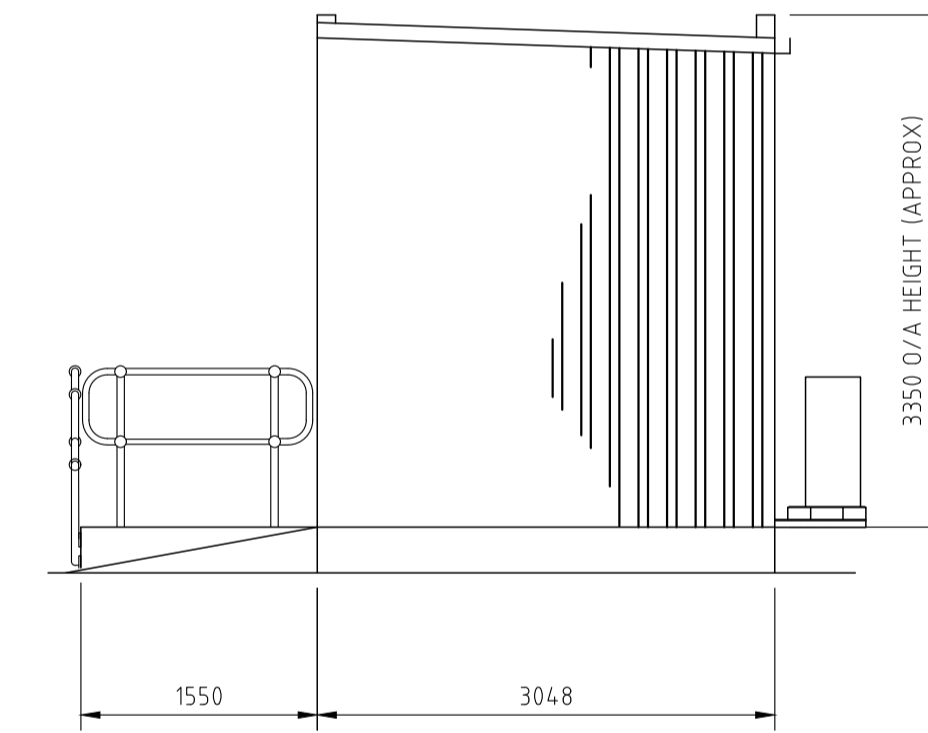
REAR ELEVATION



END ELEVATION



FRONT ELEVATION



END ELEVATION

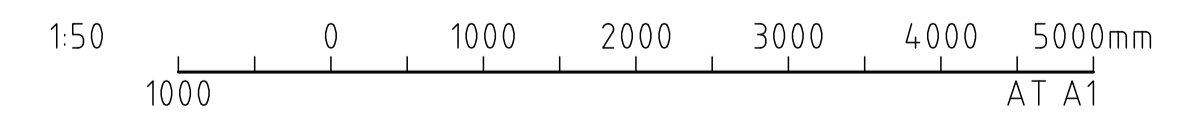
GENERAL BUILDING NOTES:

- DOORS:
 - D1 2040 X 820 SINGLE DOOR.
 - D2 2500 X 1200 SINGLE DOOR.
 - D3 2400 X 1200 DOUBLE DOORS.

- COLOR GUIDE:
 - Ceilings - SURF MIST
 - Ext. WALLS - SURF MIST
 - Int. WALLS - SURF MIST
 - Partitions - SURF MIST
 - Internal Trim - SURF MIST
 - Top Trim Ext. - SURF MIST
 - Ext. Doors - SURF MIST
 - Ext. Windows - SURF MIST
 - Int. Doors - SURF MIST
 - Floors - VINYL

ADVERTISED PLAN

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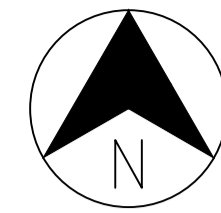
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DRAWING TITLE

**YANGERY BESS
AND 66/33KV COLLECTOR STATION
PROPOSED OPERATIONS AND MAINTENANCE
BUILDING ELEVATIONS**

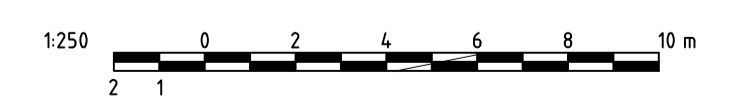
DESIGN	G.L.SMITH	DRAWN	N.OCHOA	DATE	08/12/2025
A1 SCALE	CAD FILE			FOLDER	
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DRAWING NUMBER	SHEET NUMBER		OF	REV	
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ADVERTISED PLAN



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REVISIONS								

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Web: www.southenergy.com.au

DRAWING TITLE

**YANGERY BESS 120MW
66/33kV COLLECTOR STATION
PROPOSED SITE PLAN**

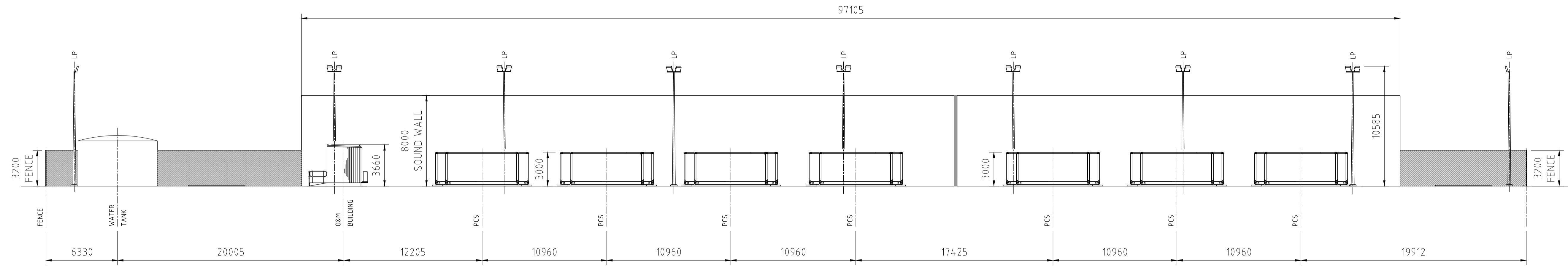
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A1 SCALE		CAD FILE			FOLDER
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 4. DESIGN OF EXTERNAL LIGHTS IS INDICATIVE.

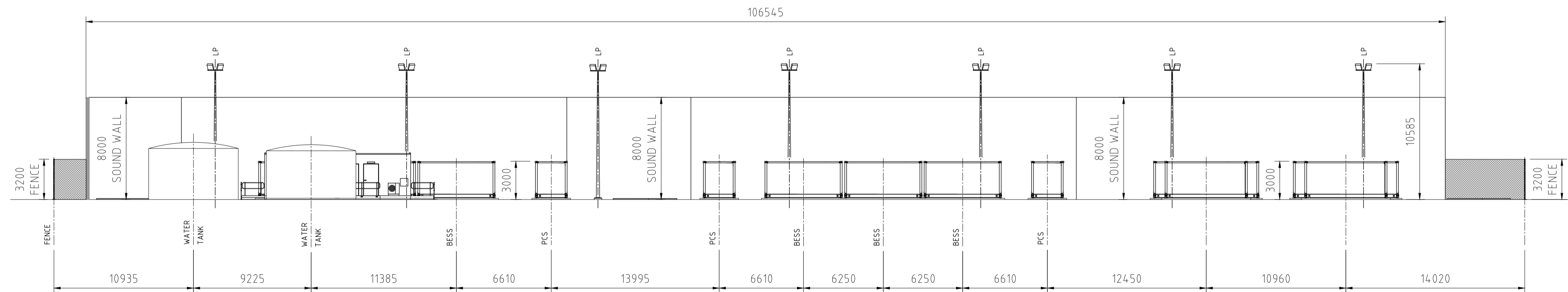
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LEGEND:
 BESS - BATTERY ENERGY STORAGE SYSTEM CONTAINERS
 PCS - INVERTER AND MV TRFR
 PH - PUMP HOUSE
 O&M - OPERATION AND MAINTENANCE FACILITY
 AUX - BESS AUXILIARY TRANSFORMER



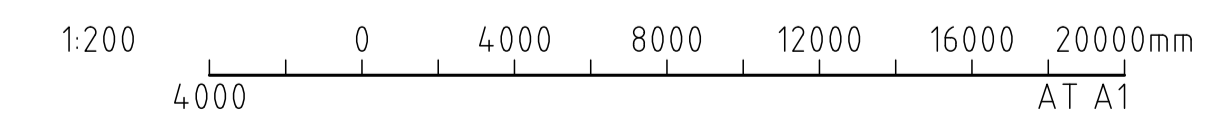
NORTH ELEVATION

ADVERTISED PLAN



EAST ELEVATION

PRELIMINARY ISSUE



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C	ISSUED FOR REVIEW				05/01/26		
B	ISSUED FOR REVIEW	G.L.S.	K.R.G.	P.N.	19/12/25		
A	ISSUED FOR REVIEW	N.O.	K.R.G.	G.L.S.	08/12/25		

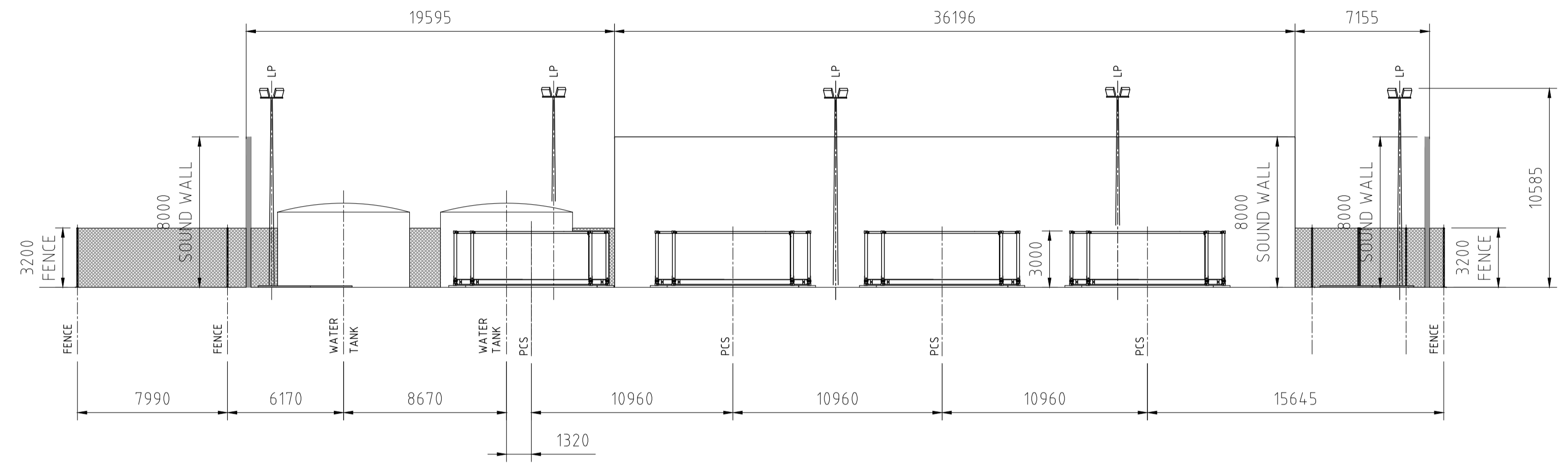
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DRAWING TITLE		DESIGN	G.L.SMITH	DRAWN	N.OCHOA	DATE	08/12/2025
YANGERY BESS 120MW NORTH BESS AREA PROPOSED ELEVATIONS		A1 SCALE	1:200	CAD FILE	EHV-YGB-EL-DR-0009	FOLDER	YGB
DRAWING NUMBER		SHEET NUMBER		OF		REV	
EHV-YGB-EL-DR-0009		1		1		C	

NOTE:
 1. INDICATIVE ONLY, CIVIL DESIGN NOT COMPLETED.
 2. FINAL DESIGN TO FOLLOW AS STANDARDS.
 3. DESIGN OF THE NOISE WALL SHALL CONSIDER THE RECOMMENDATION IN THE NOISE WALL REPORT.
 4. DESIGN OF EXTERNAL LIGHTS IS INDICATIVE.

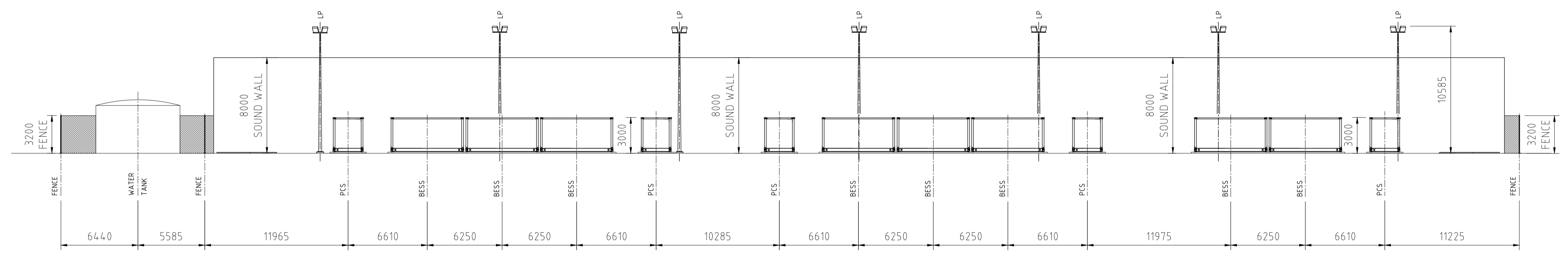
LEGEND:
 BESS - BATTERY ENERGY STORAGE SYSTEM CONTAINERS
 PCS - INVERTER AND MV TRFR
 PH - PUMP HOUSE
 O&M - OPERATION AND MAINTENANCE FACILITY
 AUX - BESS AUXILIARY TRANSFORMER



NORTH ELEVATION

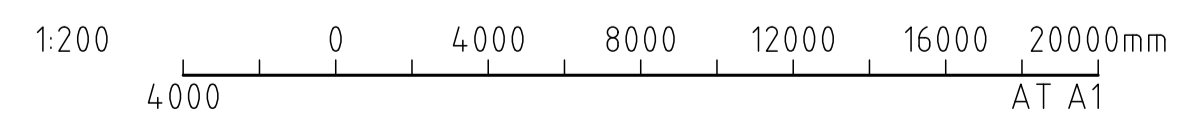
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ADVERTISED PLAN



EAST ELEVATION

PRELIMINARY ISSUE



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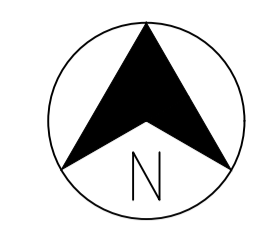
No	DESCRIPTION	DRAWN	CHKD	APPRD	DATE	DESCRIPTION	DRAWING No.
B	ISSUED FOR REVIEW	N.O.	K.R.G.	G.L.S.	19/12/25		
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DRAWING TITLE
YANGERY BESS 120MW SOUTH BESS AREA PROPOSED ELEVATIONS

DESIGN	G.L.SMITH	DRAWN	N.OCHOA	DATE	08/12/2025
A1 SCALE	1:200	CAD FILE	EHV-YGB-EL-DR-0010	FOLDER	YGB
DRAWING NUMBER	EHV-YGB-EL-DR-0010		SHEET NUMBER	1	OF 1
REV	B		REV	1	REV



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 - THE SURVEY HAS BEEN CONDUCTED USING AERIAL IMAGING. ACCURACY IS +/-50mm VERTICAL IN OPEN, HARD FLAT AREAS AND +/-150mm ON GROUND FEATURES IN OPEN, HARD FLAT AREAS.
 - SERVICES SHOWN ARE INDICATIVE ONLY. POSITIONS ARE BASED ON SURFACE INDICATOR(S) LOCATED DURING FIELD SURVEY. CONFIRMATION OF THE EXACT POSITION SHOULD BE MADE TO THE RELEVANT AUTHORITIES PRIOR TO ANY EXCAVATION WORK. OTHER SERVICES MAY EXIST WHICH ARE NOT SHOWN.
 - BUILDINGS HAVE BEEN PLOTTED FOR DIAGRAMMATIC PURPOSES ONLY.
 - MAPPING SYSTEM IS MGA/20CD-55 (ZONE 55, MGA 2020)
 - THE FIRE HYDRANT SYSTEM TO BE CONFIRMED WITH THE PROGRESS OF THE DESIGN
 - THE ROAD DESIGN TO BE CONFIRMED WITH THE PROGRESS OF THE DESIGN
 - REFER TO DRAWING EHV-YGB-EL-DR-002 FOR OVERALL LAYOUT.
 - FINAL FIRE SERVICE ARRANGEMENT TO BE CONFIRMED WITH THE PROGRESS OF DETAILED DESIGN WITH THE BELOW POTENTIAL ARRANGEMENT FOR WATER TANKS:
 - OPTION 1**
 - A MINIMUM 576kl FIRE WATER SUPPLY, IN 2 INTERCONNECTED 288kl TANKS IN A SINGLE LOCATION, IN ACCORDANCE WITH AS2419.1 AND
 - A SINGLE FIRE HYDRANT SYSTEM IN ACCORDANCE WITH AS2419.1-2021 PROVIDES COVERAGE TO THE ENTIRETY OF BOTH (NORTH AND SOUTH) BESS AREAS.
 - OPTION 2**
 - A MINIMUM 576kl FIRE WATER SUPPLY, ACROSS TWO MIN 288kl LOCATIONS (EG 2x144kl INTERCONNECTED TANKS AT EACH OF THE NORTH AND SOUTH BESS AREAS) IN ACCORDANCE WITH AS2419.1-2021, ONE FOR EACH OF THE NORTH AND SOUTH BESS AREAS, PROVIDING FULL COVERAGE TO EACH AREA.

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ADVERTISED PLAN

- LEGEND**
- SWG BUILDING - DEMOUNTABLE BUILDING CONTAINING 33kV SWITCHGEAR & CONTROL EQUIPMENT
 - HV SWG - 66kV SWITCHGEAR
 - AUX TRFR - AUXILIARY TRANSFORMER
 - PTRFR - 66/33kV POWER TRANSFORMER
 - GEN - DIESEL GENERATOR
 - RPC - 33kV REACTIVE POWER COMPENSATION EQUIPMENT
 - BESS - BATTERY ENERGY STORAGE SYSTEM
 - PCS - POWER CONVERSION SYSTEM
 - PH - PUMP HOUSE
 - O&M - OPERATIONS AND MAINTENANCE BUILDING
 - FENCE
 - ARTIFACT SCATTER
 - VEGETATION OUTSIDE YANGERY BESS PROJECT
 - SOUND WALL UP TO 8.0m



DRAWING STATUS
PRELIMINARY ISSUE

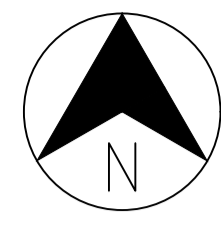
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C	ISSUED FOR REVIEW	G.L.S.	K.R.G.	P.N.	05/01/26		
B	ISSUED FOR REVIEW	G.L.S.	K.R.G.	P.N.	18/12/25		
A	ISSUED FOR REVIEW	G.L.S.	K.R.G.	P.N.	10/12/25		



DRAWING TITLE
YANGERY BESS 120MW COLLECTOR STATION & BESS PROPOSED CONSTRUCTION SITE PLAN

DESIGN	G.L.SMITH	DRAWN	G.L.SMITH	DATE	10/12/25
A1 SCALE	1:1250	CAD FILE	EHV-YGB-EL-DR-0011	FOLDER	YGB
DRAWING NUMBER	EHV-YGB-EL-DR-0011	SHEET NUMBER	1	OF	1
REV					C

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 4. SERVICES SHOWN ARE INDICATIVE ONLY. POSITIONS ARE BASED ON SURFACE INDICATOR(S) LOCATED DURING FIELD SURVEY. CONFIRMATION OF THE EXACT POSITION SHOULD BE MADE TO THE RELEVANT AUTHORITIES PRIOR TO ANY EXCAVATION WORK. OTHER SERVICES MAY EXIST WHICH ARE NOT SHOWN.
 5. BUILDINGS HAVE BEEN PLOTTED FOR DIAGRAMMATIC PURPOSES ONLY.
 6. MAPPING SYSTEM IS MGA/20CD-55 (ZONE 55, MGA 2020)
 7. THE FIRE HYDRANT SYSTEM TO BE CONFIRMED WITH THE PROGRESS OF THE DESIGN
 8. REFER TO DRAWING EHV-YGB-EL-DR-0001 FOR DETAILS.
 9. FINAL FIRE SERVICE ARRANGEMENT TO BE CONFIRMED WITH THE PROGRESS OF DETAILED DESIGN WITH THE BELOW POTENTIAL ARRANGEMENT FOR WATER TANKS:
 - OPTION 1**
 - A MINIMUM 576kl FIRE WATER SUPPLY, IN 2 INTERCONNECTED 288kl TANKS IN A SINGLE LOCATION, IN ACCORDANCE WITH AS2419.1 AND
 - A SINGLE FIRE HYDRANT SYSTEM IN ACCORDANCE WITH AS2419.1-2021 THE PROVIDES COVERAGE TO THE ENTIRETY OF BOTH (NORTH AND SOUTH) BESS AREAS.
 - OPTION 2**
 - A MINIMUM 576kl FIRE WATER SUPPLY, ACROSS TWO MIN 288kl LOCATIONS (EG. 2x144kl INTERCONNECTED TANKS AT EACH OF THE NORTH AND SOUTH BESS AREAS) IN ACCORDANCE WITH AS2419.1-2021, ONE FOR EACH OF THE NORTH AND SOUTH BESS AREAS, PROVIDING FULL COVERAGE TO EACH AREA.

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ADVERTISED PLAN



- LEGEND**
- HOLDING POND
 - SOUND WALL UP TO 7.5m
 - PUMP HOUSE
 - WATER TANK
 - BESS OR PCS
 - FENCE
 - ARTIFACT SCATTER

DRAWING STATUS
PRELIMINARY ISSUE

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C	ISSUED FOR REVIEW	G.L.S.	K.R.G.	P.N.	05/01/26			
B	ISSUED FOR REVIEW	G.L.S.	K.R.G.	P.N.	19/12/25			
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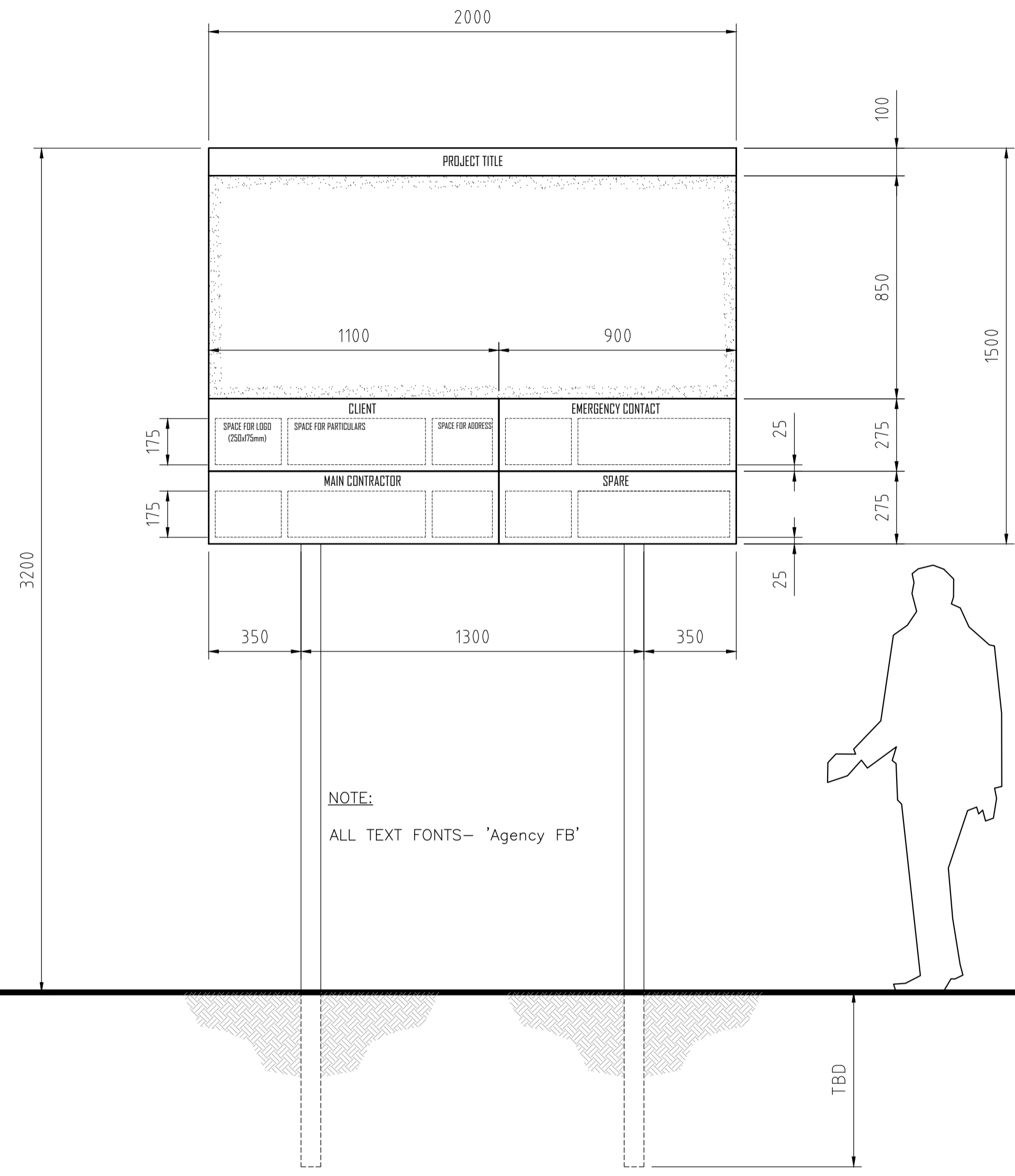
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DRAWING TITLE
 YANGERY BESS 120MW
 COLLECTOR STATION & BESS
 PROPOSED SITE PLAN SETBACKS

DESIGN	G.L.SMITH	DRAWN	G.L.SMITH	DATE	10/12/2025
A1 SCALE		CAD FILE		EHV-YGB-EL-DR-0012	FOLDER YGB
DRAWING NUMBER	EHV-YGB-EL-DR-0012		SHEET NUMBER	1	OF 1 REV C

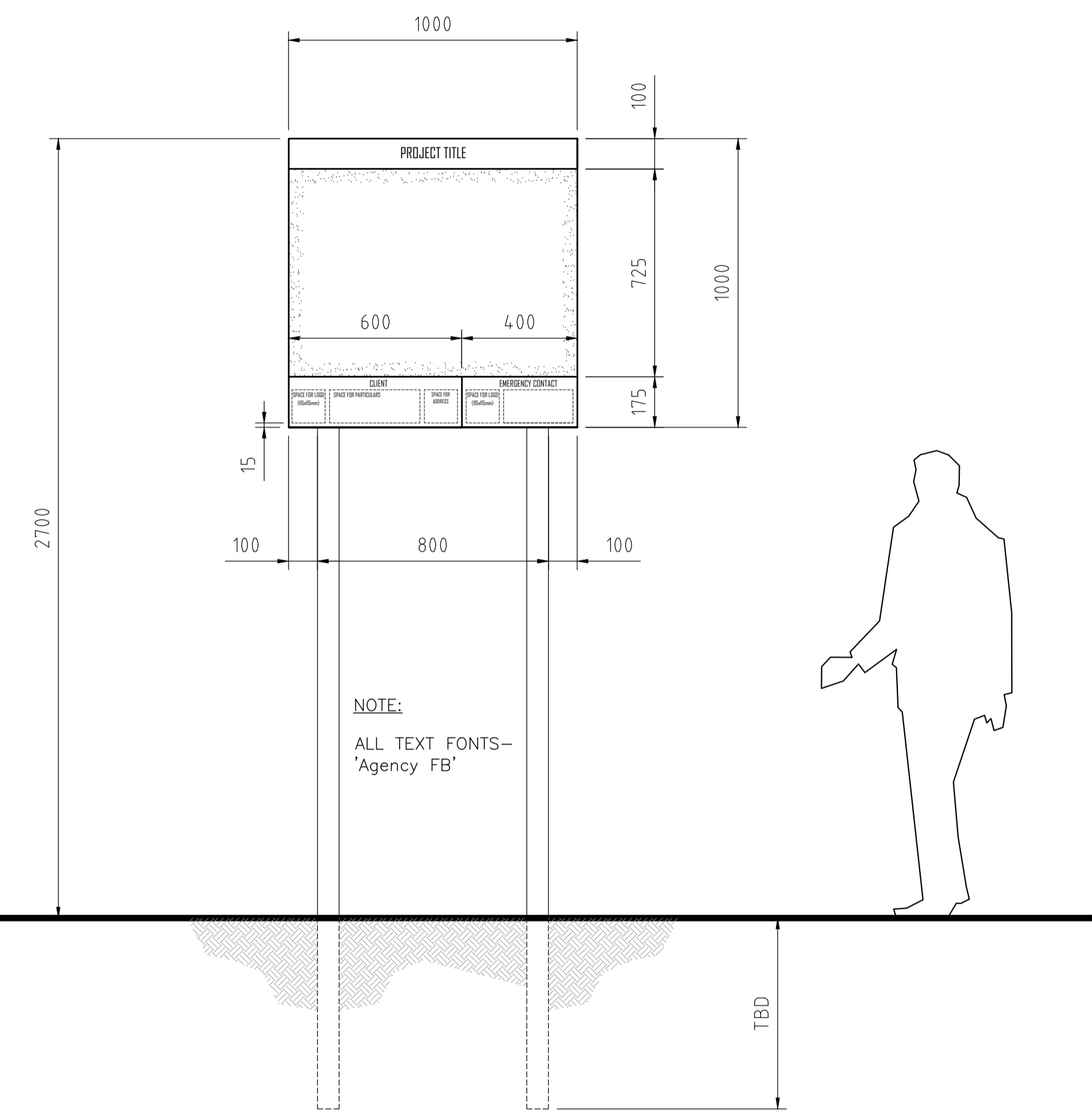
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TYPE - A
FRONT ELEVATION

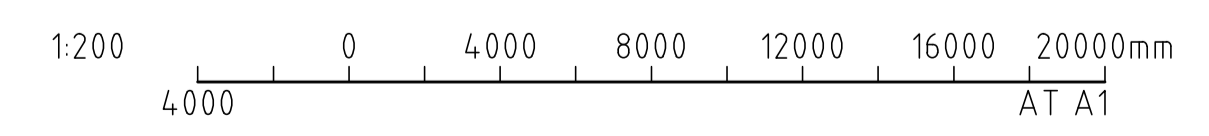
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PLAN



TYPE - B
FRONT ELEVATION

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C	ISSUED FOR REVIEW	N.O.	K.R.G.	G.L.S.	27/01/26		
B	ISSUED FOR REVIEW	N.O.	K.R.G.	G.L.S.	18/12/25		
A	ISSUED FOR REVIEW	N.O.	K.R.G.	G.L.S.	10/12/25		



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DRAWING TITLE
**YANGERY BESS 120MW
 SOUTH BESS AREA
 SIMPLIFIED EXTENDED SIGNAGE**

DESIGN	G.L.SMITH	DRAWN	N.OCHOA	DATE	10/12/2025
A1 SCALE	1:200	CAD FILE	EHV-YGB-EL-DR-0013	FOLDER	YGB
DRAWING NUMBER	EHV-YGB-EL-DR-0013	SHEET NUMBER	1	OF	1
REV					D