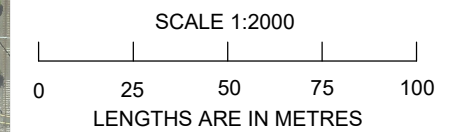


**NOTES:**

1. DESIGN SUBJECT TO EQUIPMENT SELECTION.
2. BATTERY SYSTEM, TX & RMU ARE INDICATIVE ONLY. ACTUAL SIZE & FOUNDATION MAY BE DIFFERENT AND ARE TO BE CONFIRMED.
3. DIMENSIONS ARE APPROX.. ACTUAL POLE LOCATION TO BE DETERMINED BY LINE DESIGNER DURING DETAILED DESIGN.

**LEGEND:**

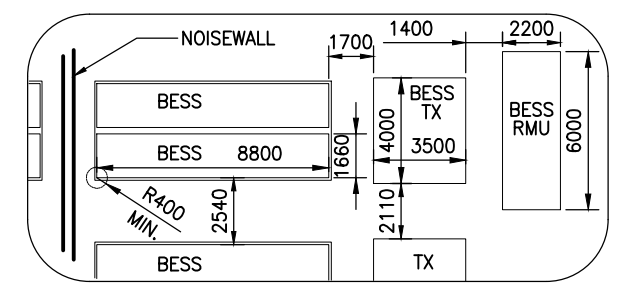
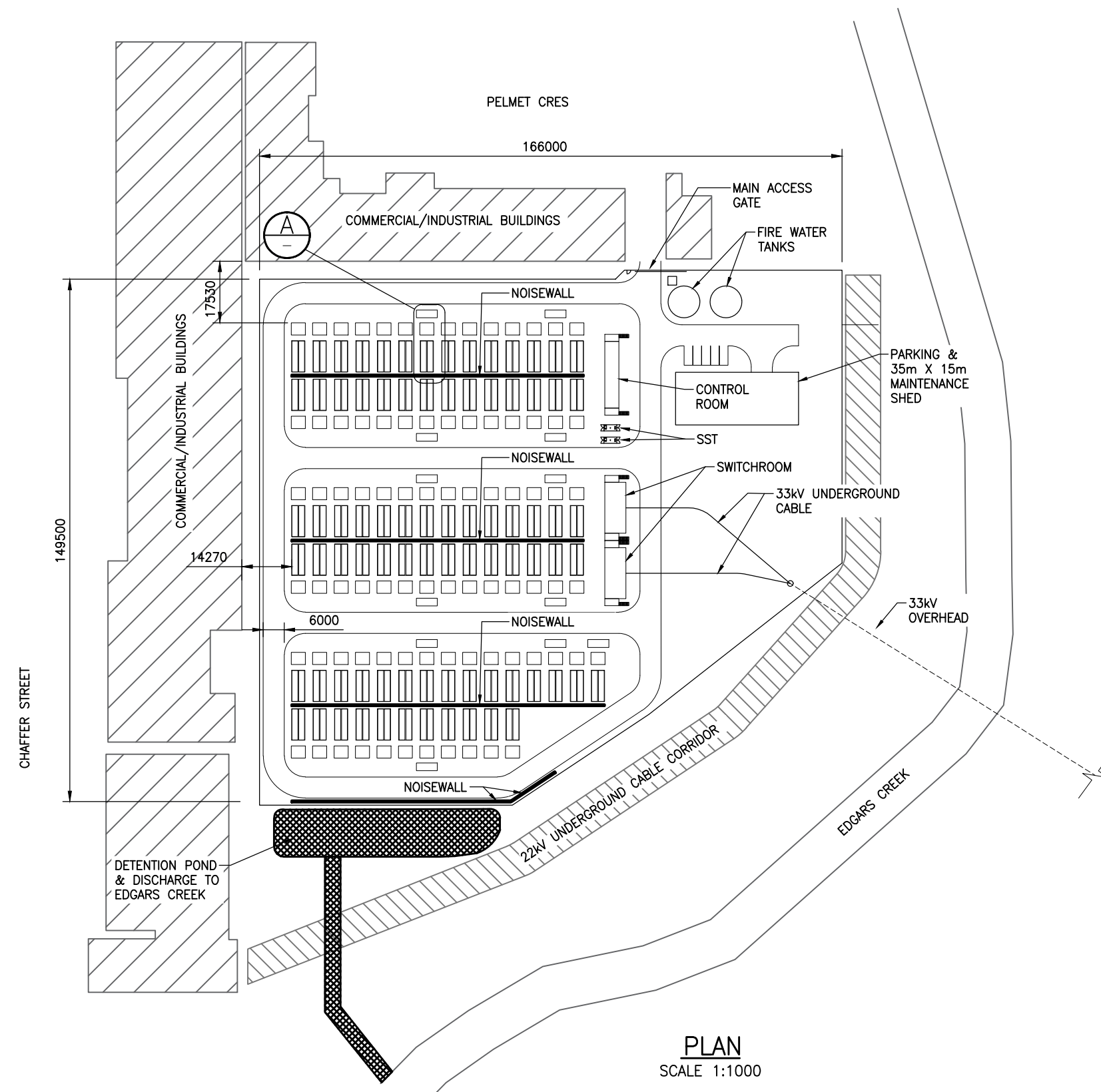
- PROJECT INFRASTRUCTURE
- 22kV UNDERGROUND CABLES
- 66kV OVERHEAD LINES
- SITE BOUNDARY
- DETENTION POND
- DISCHARGE TO EDGARS CREEK
- 33kV OVERHEAD LINE
- FENCE
- EASEMENT – REFER TO TITLE FOR DETAILS
- PARCEL BOUNDARY



N°.	DATE

SCALE: 1:2000 (A3)
DESIGNED:
DRAWN: NRG 25-07-22
APPROVED:





**DETAIL A**  
SCALE 1: 200

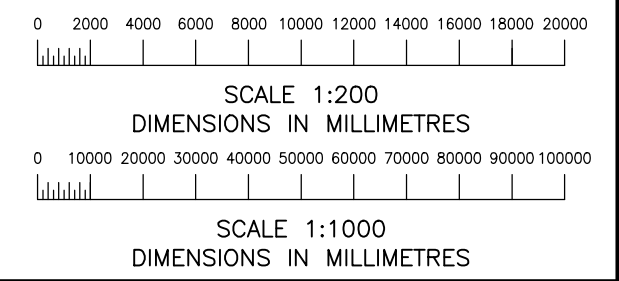
**LEGEND**

- SST STATION SERVICE TRANSFORMER
- TX TRANSFORMER
- RMU RING MAIN UNIT
- / — TERMINAL STATION FENCE
- 33kV OVERHEAD LINE
- 33kV UNDERGROUND HV CABLE
- ⊗ FIRE HYDRANT (TBA)

**NOTES:**

1. THIS DRAWING IS FOR ESTIMATING PURPOSES ONLY. AND IS NOT FOR CONSTRUCTION. DIMENSIONS AND RATINGS ARE SUBJECT TO DETAILED DESIGN.
2. DESIGN SUBJECT TO EQUIPMENT SELECTION AND ELECTRICAL AND MAGNETIC FIELD STUDY.
3. BESS, TX & RMU ARE INDICATIVE ONLY. ACTUAL SIZE & FOUNDATION MAY BE DIFFERENT AND ARE TO BE CONFIRMED.
4. DIMENSION IS INDICATIVE, ACTUAL POLE LOCATION TO BE DETERMINED BY LINE DESIGNER DURING DETAILED DESIGN.

**PLAN**  
SCALE 1:1000



AusNet Services STD A2

REFERENCE DRAWINGS	DRAWING TITLE	DRAWING No.	REVISION		DATE	REV	DESCRIPTION	BY	CONTRACTOR
			DATE	REV					
			15.07.22	1.0			CONCEPT DESIGN (TC-0012312)	WCS	JACOBS

**AusNet SERVICES**

DRAWN WCS  
ENDORSED REV 0.3

ENDORSED DATE  
ISSUED

**THOMASTOWN BESS  
GENERAL ARRANGEMENT  
OVERALL**

Spec No. Order No. Legacy No.

Contractors No. Drawing No.

**TTBESS-P01-001**

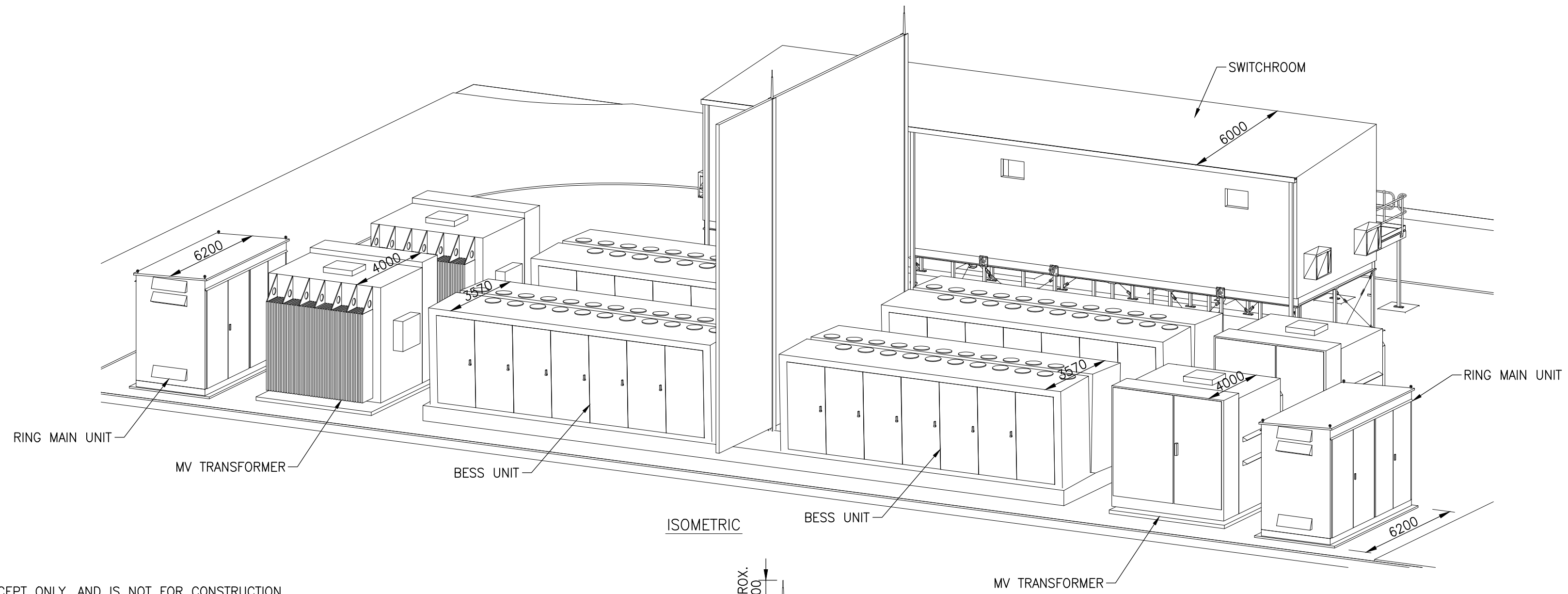
400 X 566mm  
A2

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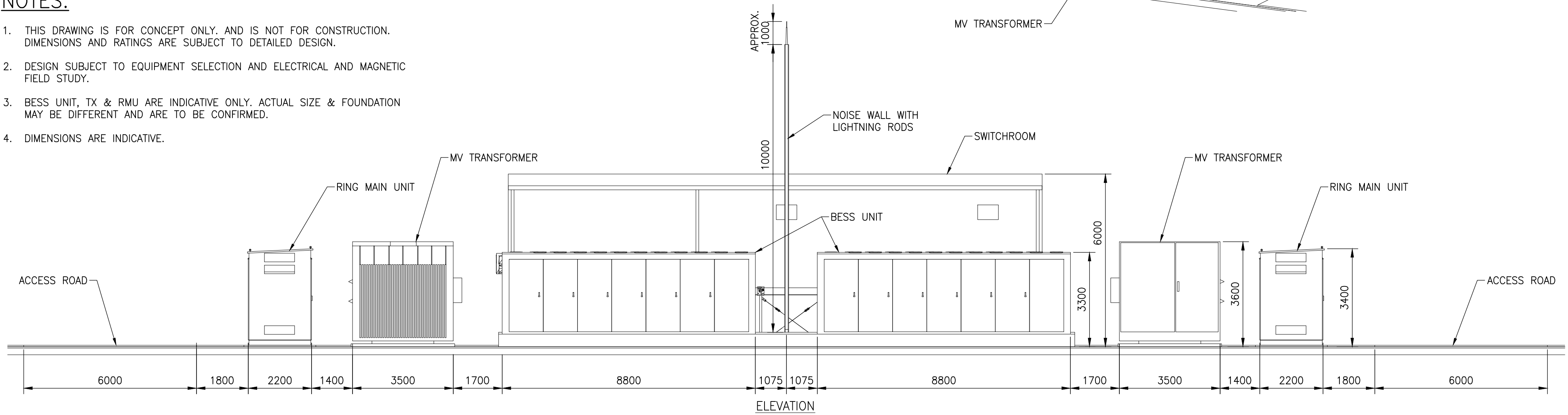
**PRELIMINARY FOR INFORMATION ONLY**

[A2]



NOTES:

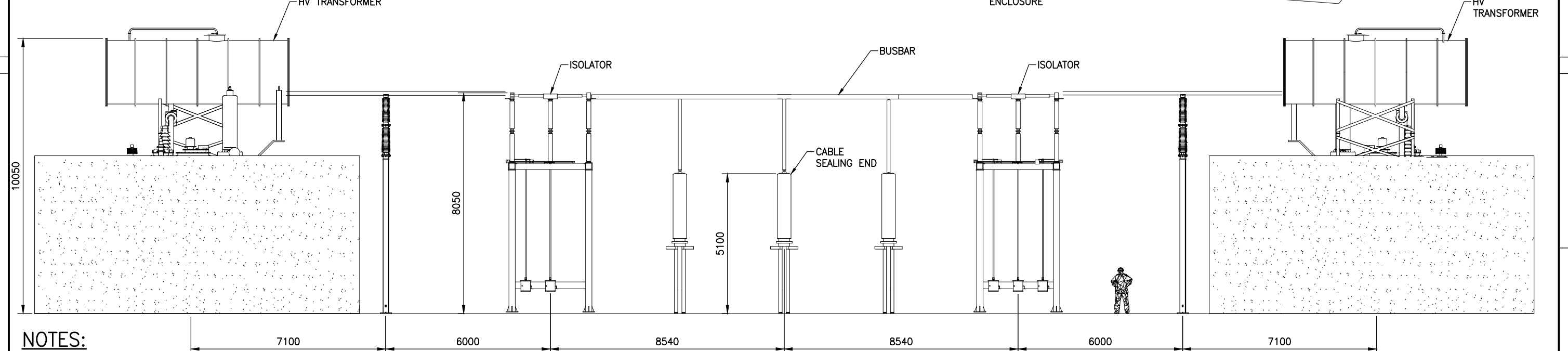
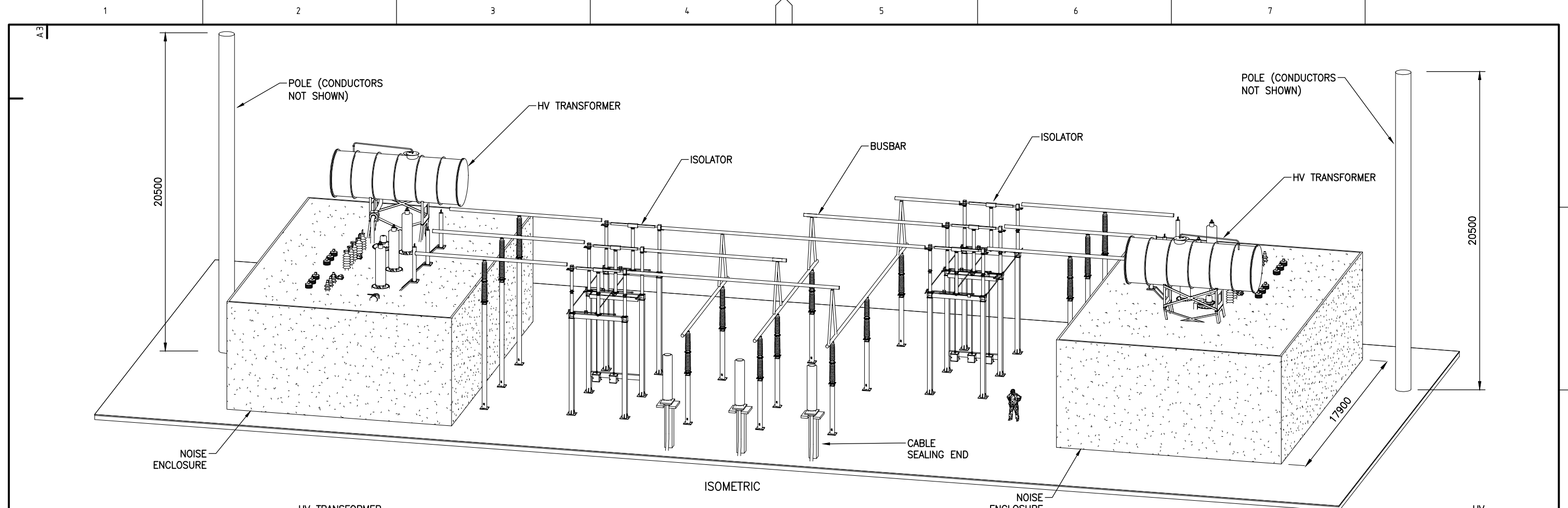
1. THIS DRAWING IS FOR CONCEPT ONLY. AND IS NOT FOR CONSTRUCTION. DIMENSIONS AND RATINGS ARE SUBJECT TO DETAILED DESIGN.
2. DESIGN SUBJECT TO EQUIPMENT SELECTION AND ELECTRICAL AND MAGNETIC FIELD STUDY.
3. BESS UNIT, TX & RMU ARE INDICATIVE ONLY. ACTUAL SIZE & FOUNDATION MAY BE DIFFERENT AND ARE TO BE CONFIRMED.
4. DIMENSIONS ARE INDICATIVE.



SECTION 1

SCALE 1: 100 001

REFERENCE DRAWINGS		REVISION				AusNet SERVICES	THOMASTOWN BESS GENERAL ARRANGEMENT SITE OVERVIEW ELEVATIONS					
DRAWING TITLE	DRAWING No.	DATE	REV	DESCRIPTION	BY	CONTRACTOR	ENDORSED DATE	Spec No.	Order No.	Legacy No.	Drawing No. <b>TTBESS-P03-002</b>	0.3
		28.09.22	1.0	FIRST ISSUE - CONCEPT DESIGN (TC-0012312)	WCS	JACOBS	ENDORSED					



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3. TX IS INDICATIVE ONLY. ACTUAL SIZE & FOUNDATION MAY BE DIFFERENT AND ARE TO BE CONFIRMED.
4. DIMENSIONS ARE INDICATIVE.

**SECTION 2**  
SCALE 1: NTS 001  
ELEVATION

REFERENCE DRAWINGS		REVISION			BY	CONTRACTOR		THOMASTOWN BESS GENERAL ARRANGEMENT SITE OVERVIEW ELEVATIONS			
								ENDORSED DATE	Spec No.	Order No.	Legacy No.
DRAWING TITLE	DRAWING No.	DATE	REV	DESCRIPTION			ISSUED	Contractors No.		Drawing No. <b>TTBESS-P03-003</b>	0.2

400 X 566mm  
A2

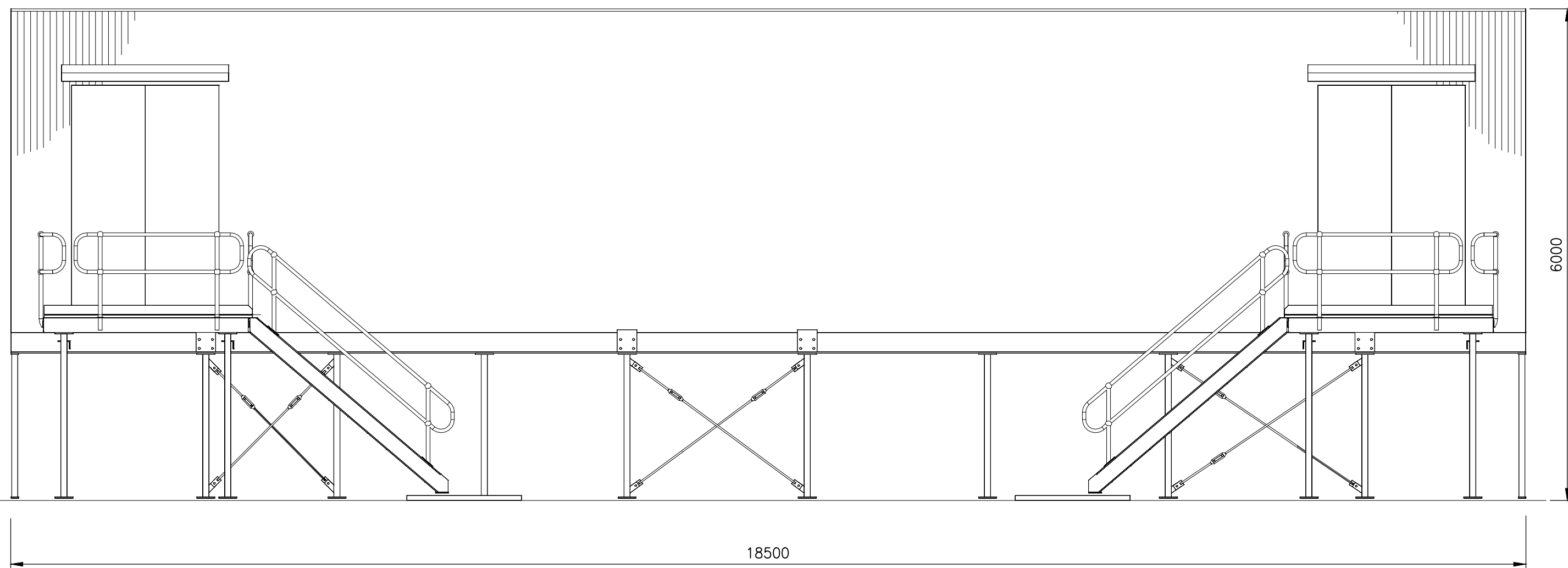
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FOR INFORMATION

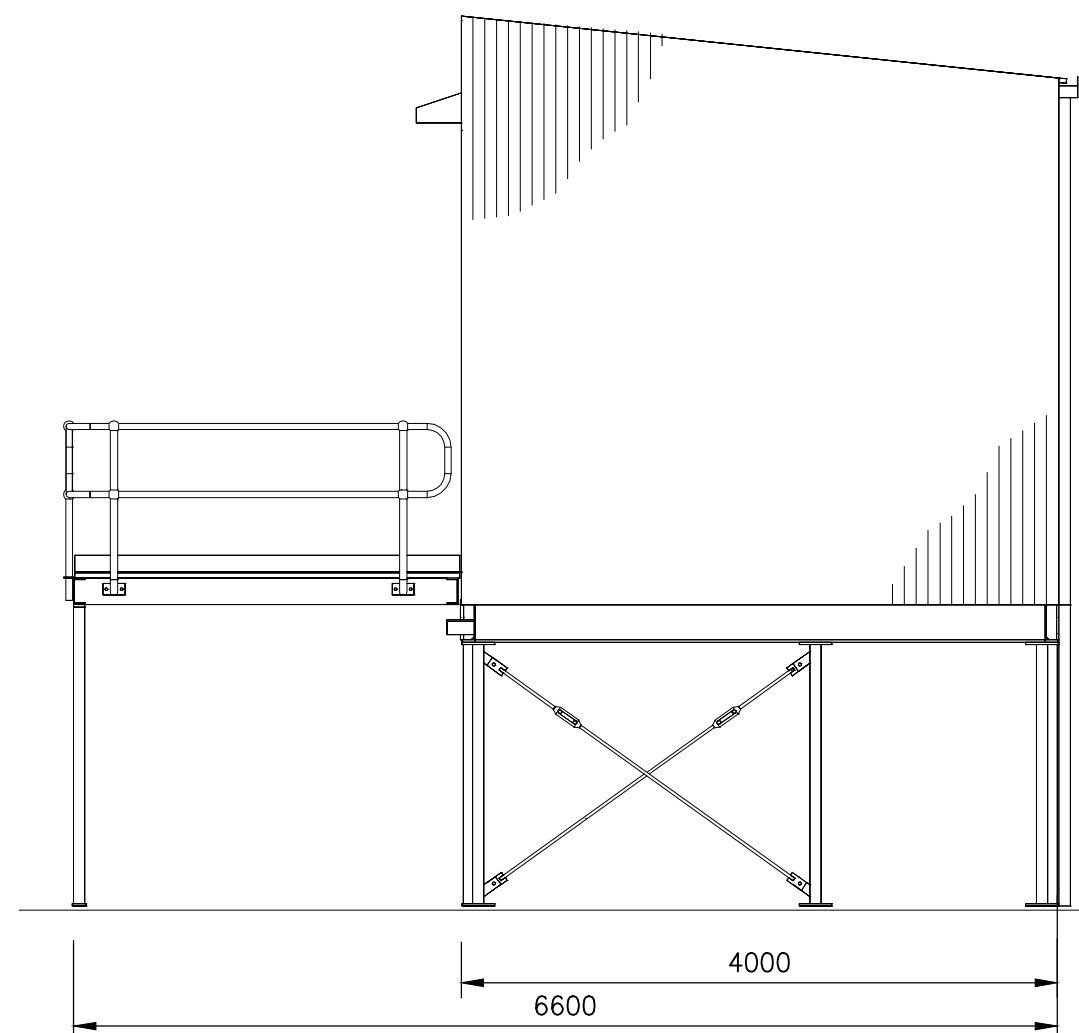
[A2]





FRONT ELEVATION

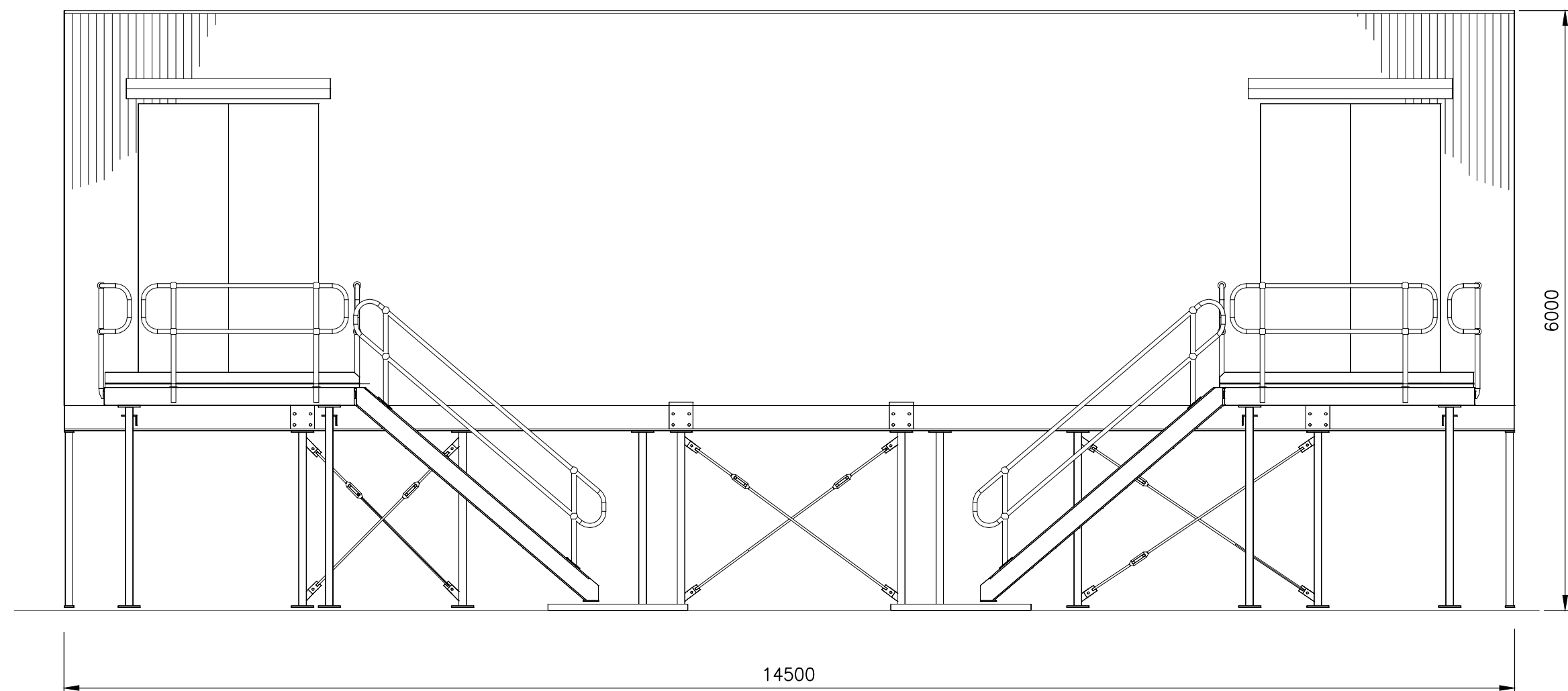
CONTROL ROOM



RIGHT ELEVATION

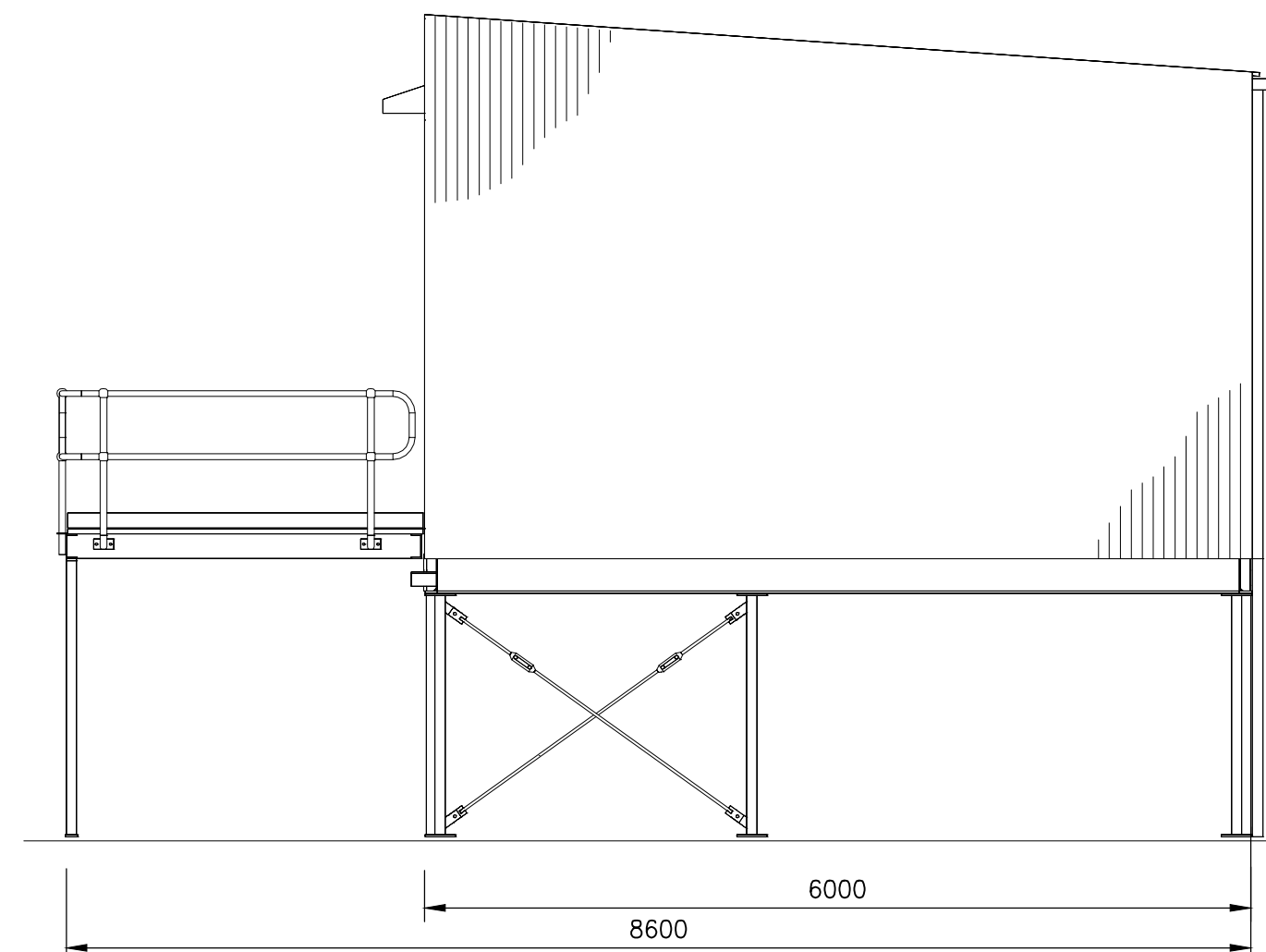
**NOTES:**

1. THIS DRAWING IS FOR CONCEPT ONLY. AND IS NOT FOR CONSTRUCTION. DIMENSIONS AND RATINGS ARE SUBJECT TO DETAILED DESIGN.
2. DIMENSIONS ARE INDICATIVE.



FRONT ELEVATION

SWITCHROOM



RIGHT ELEVATION

REFERENCE DRAWINGS		REVISION					THOMASTOWN BESS GENERAL ARRANGEMENT SITE OVERVIEW ELEVATIONS									
	DRAWING TITLE		DRAWING No.	DATE	REV		DESCRIPTION	BY	CONTRACTOR	ISSUED	Spec No.	Order No.	Legacy No.	Contractors No.	Drawing No.	TTBESS-P03-004
			28.09.22	1.0	FIRST ISSUE - CONCEPT DESIGN (TC-0012312)	WCS	JACOBS	ENDORSED DATE								
								ENDORSED	REV 0.2							

400 X 566mm  
A2

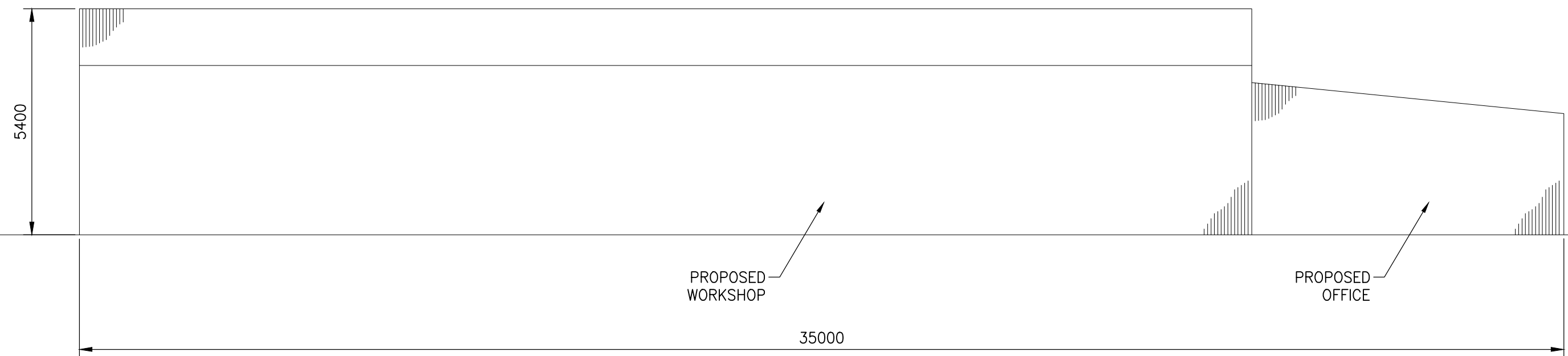
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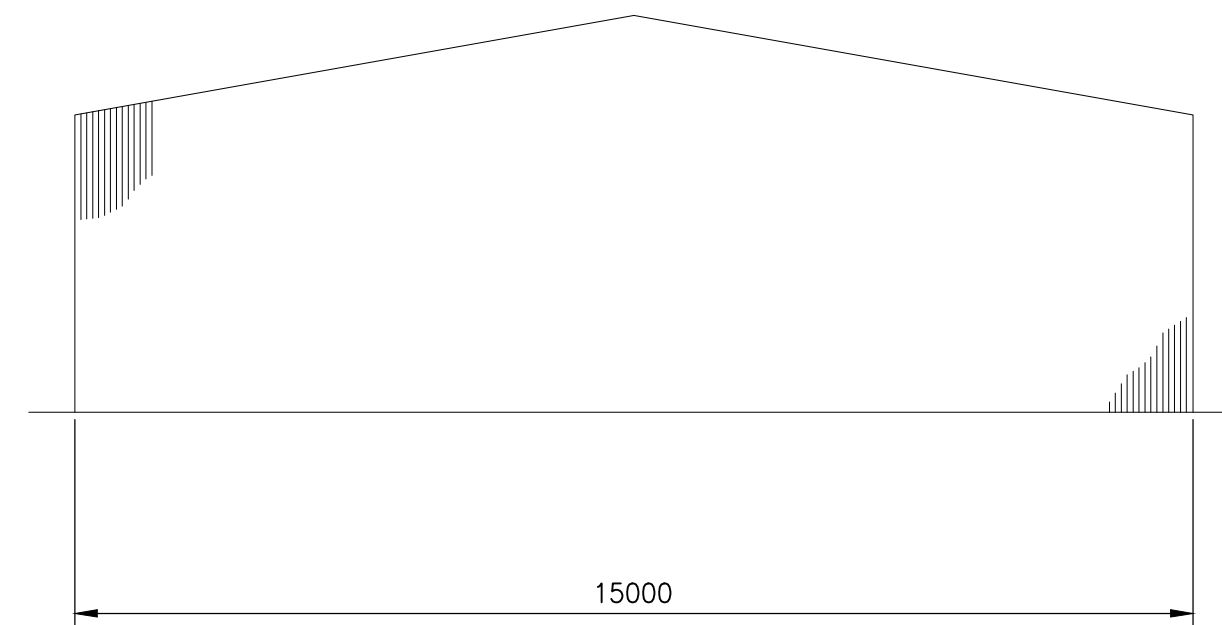
[A2]

AusNet Services STD A2





FRONT ELEVATION




RIGHT ELEVATION

O&M BUILDING

NOTES:

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- 2. DIMENSIONS ARE INDICATIVE.

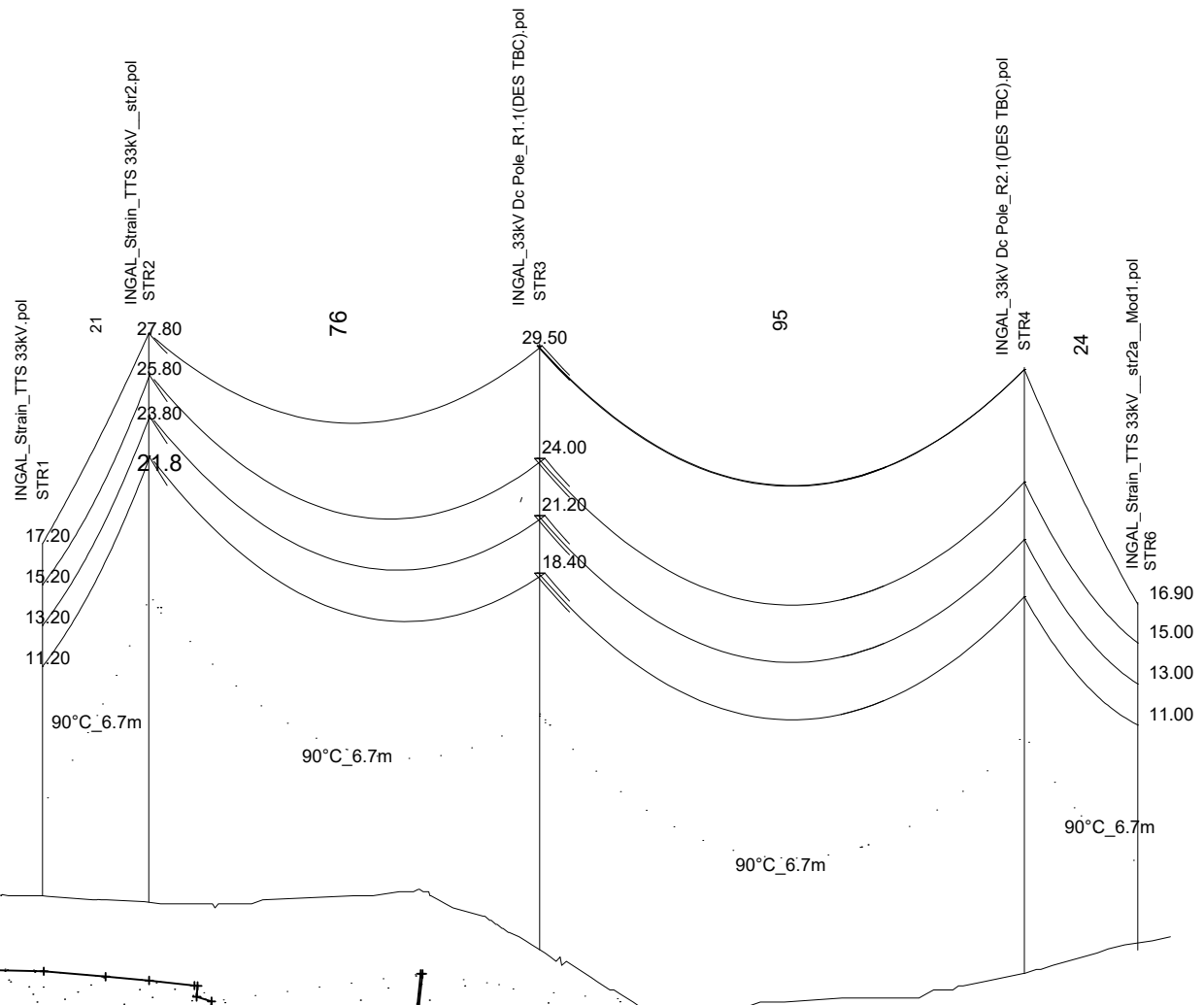
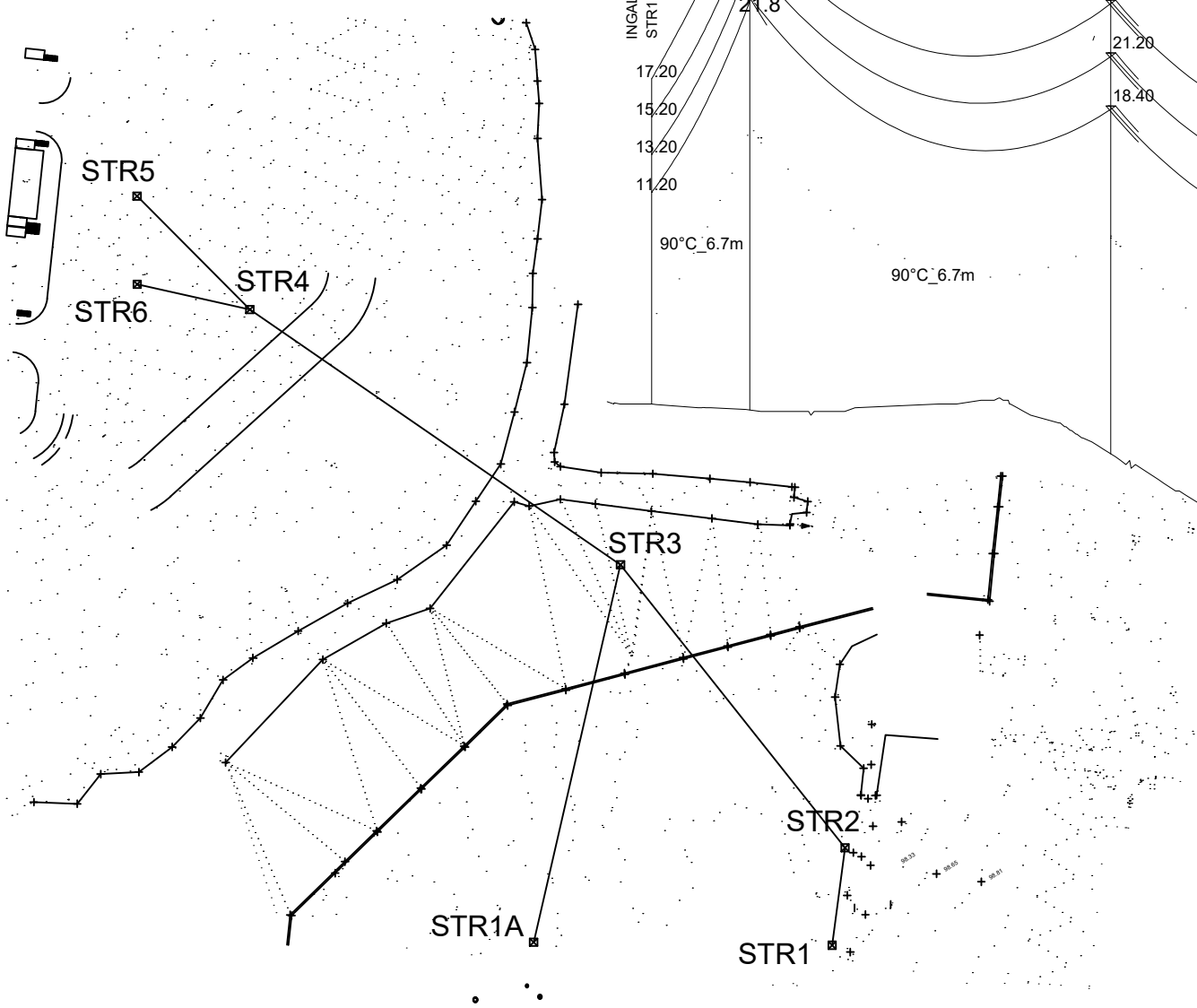
REFERENCE DRAWINGS			REVISION					 THOMASTOWN BESS GENERAL ARRANGEMENT SITE OVERVIEW ELEVATIONS	
								DRAWN WCS ENDORSED REV 0.2 ENDORSED DATE ISSUED	
DRAWING TITLE	DRAWING No.	DATE	REV	DESCRIPTION	BY	CONTRACTOR	ISSUED	Spec No. Order No. Legacy No. Contractors No. Drawing No.	
								TTBESS-P03-005 - 0.2	

400 X 566mm A2

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Row #	Structure Number	Struct. Height (m)
1	STR1	17.2
2	STR2	27.8
3	STR3	29.6
4	STR4	29.6
5	STR5	17
6	STR1A	20.6
7	STR6	17

PLAN VIEW

PROFILE VIEW

REFERENCE DRAWINGS		REVISION					THOMASTOWN BESS GENERAL ARRANGEMENT SITE OVERVIEW ELEVATIONS & PLAN VIEW		
							DRAWN WCS ENDORSED REV 0.1 ENDORSED DATE ISSUED	Spec No.	Order No.
DRAWING TITLE	DRAWING No.	DATE	REV	DESCRIPTION	BY	CONTRACTOR	Contractors No.	Drawing No. TTBESS-P03-003	
		16.05.22	1.0	FIRST ISSUE - CONCEPT DESIGN (TC-0012312)	WCS	JACOBS		- 0.1a	

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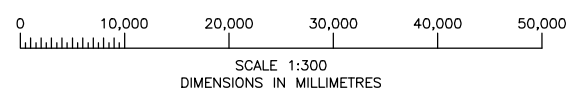
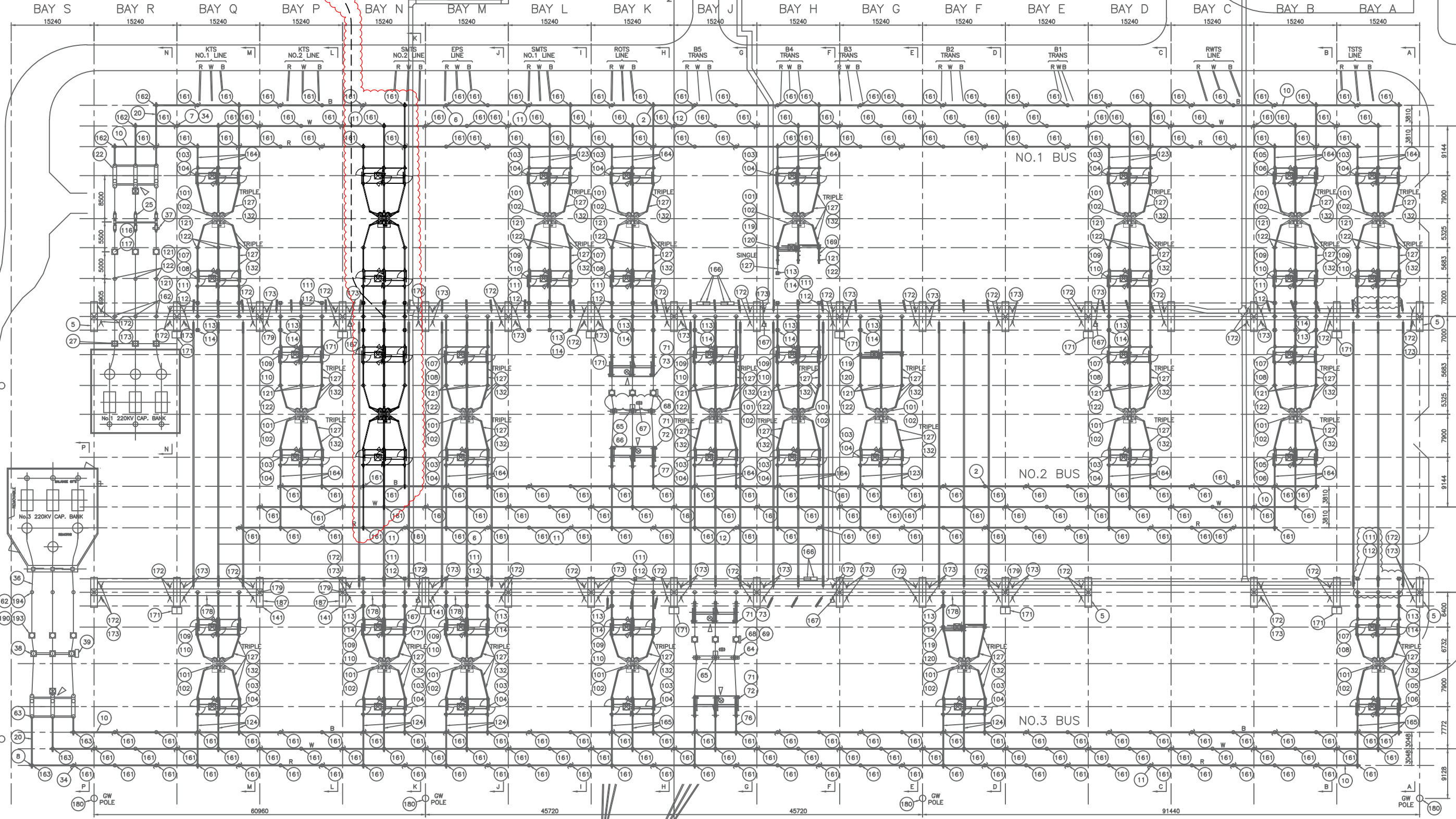
[A2]

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220kV U/G CABLE



REFERENCE DRAWINGS	DATE	REV	DESCRIPTION
SITE PLAN	T2/10/270		
220kV SWITCHYARD SECTIONS	T2/10/1228 - 1242		
220kV SWITCHYARD MATERIAL SCHEDULE SHEET 1 - 5	T2/10/1317 - 1321		
220kV SWITCHYARD EARTHING, TRENCH & CABLE EASEMENT PLAN	T2/10/277		

DATE	REV	DESCRIPTION	BY	CONTRACTOR
19.05.22	4.0	CONCEPT DESIGN (TC-0012312)	WCS	JACOBS
20.02.19	C	REPLACE N03 CAPBANK CT & PI (TD-0007986)	SCC	AusNet
19.05.14	B	AMENDED AS PER CONSTRUCTION MARK-UPS (X785)	IS	BECA
25.06.09	A	TTS REBUILD, FIRST ISSUE (X785)	JL	BECA

THIS DRAWING SUPERSEDES T2/10/272

**THOMASTOWN TERMINAL STATION**  
**220kV SWITCHYARD**  
**PLAN**

Spec No. Order No. Legacy No. **12/10/1227**

Contractors No. Drawing No. **TT-0137074-001**

**3.2**

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