



Preliminary Concept Layout Plan

2545 - WRESST

LEGEND

Proposed Features

- BESS Components
- Substation
- 220kV Underground Transmission Cable
- Fencing
- Emergency Access Gate
- Storage Shed
- O&M Building
- Control Building
- Temporary Laydown Area
- Native Vegetation Buffer
- Water Tanks
- Retention Basin

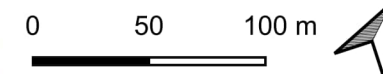
Existing Features

- Winton SF Substation
- Glenrowan Terminal Station
- 220 kV Transmission Line
- 66 kV Transmission Line
- Cadastre

Version: 3.0

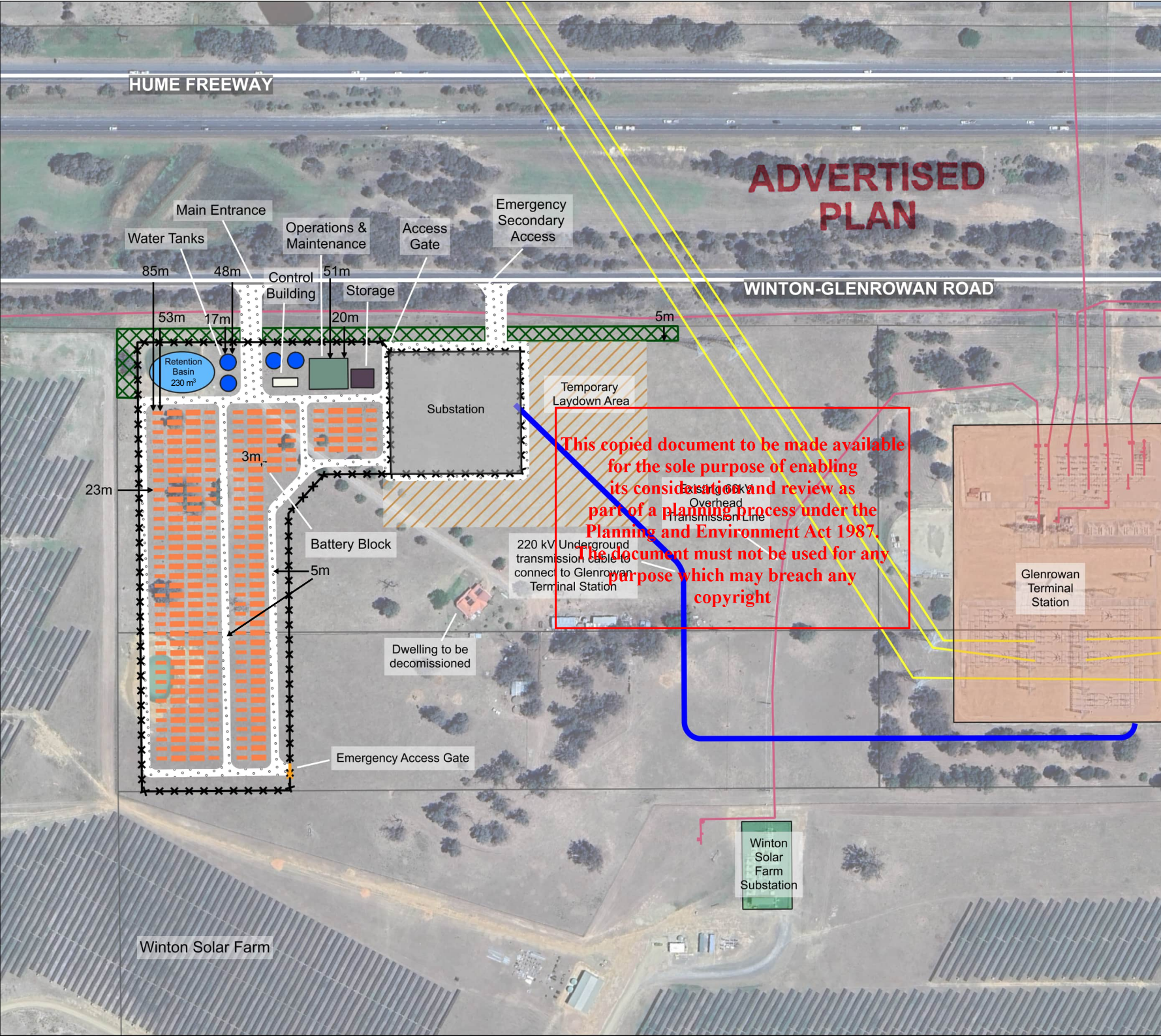
Date: 10/07/2026

Disclaimer: This plan is preliminary and subject to detailed studies and approval.

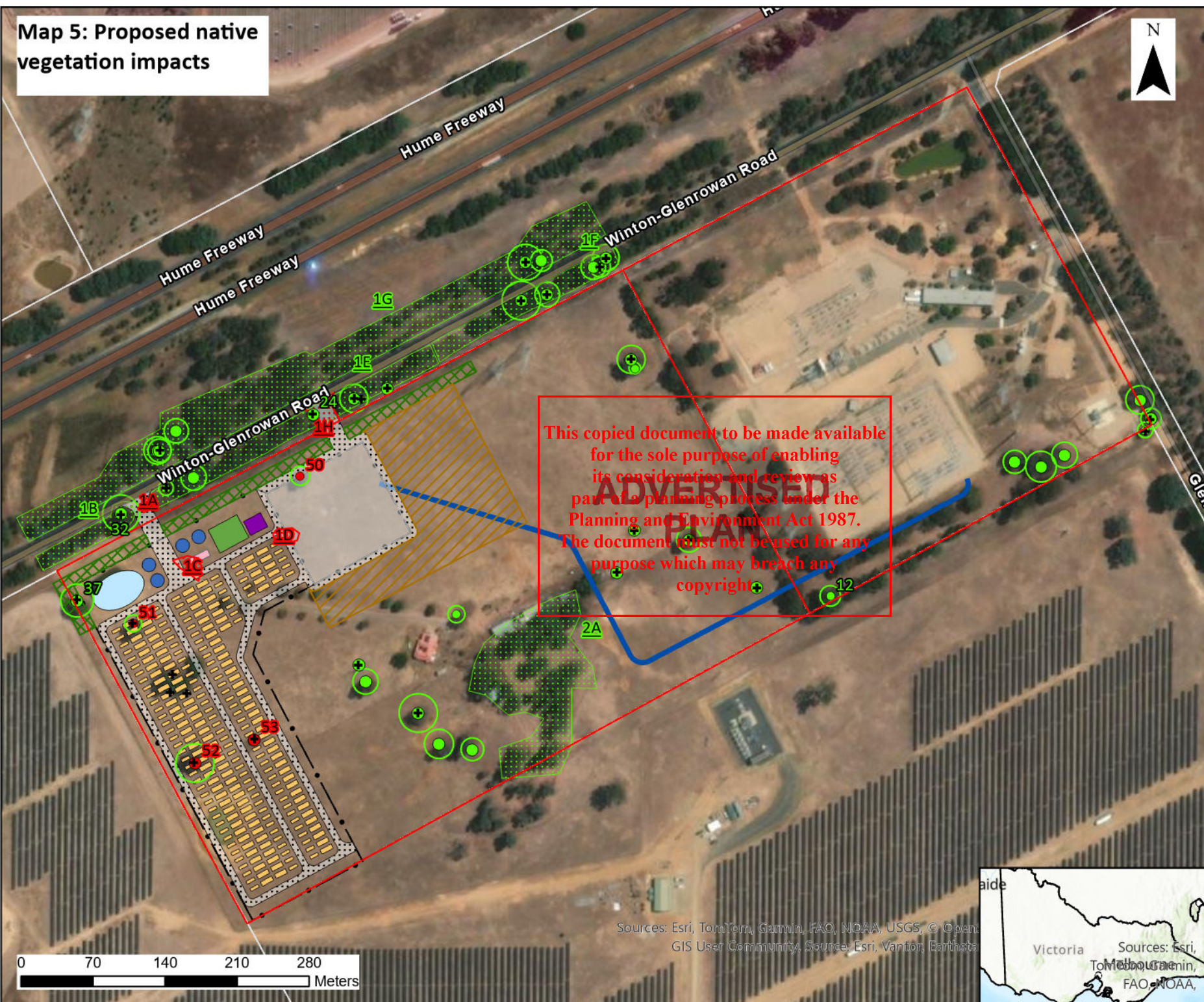


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Map 5: Proposed native vegetation impacts



Ecological Assessment

Winton Renewable Energy Storage & Stability Terminal (RESST)

Legend

Study Area

+ Habitat Tree

Native Trees

Impact, Tree Size

● Assumed Loss, Large

● Remove, Large

● Remove, Small

● Retain, Large

● Retain, Small

NRZ

Native Vegetation Patch

Status

Remove

Retain

Project Layout

Access Roads

BESS units

Control Building

Native vegetation Screening

O&M Building

Retention Pond

Storage Shed

Substation

Temporary Laydown Area

Water tanks

Project Fencing

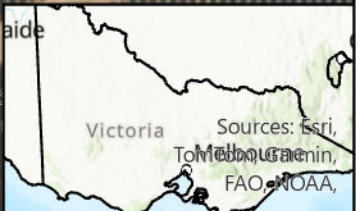
220 kv Transmission line

VicMap

Property Boundary

Property Boundary

Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © Open GIS User Community, Source: Esri, Vantor, Earthstar



1

33kV SWITCHGEAR & CONTROL BUILDING PLAN VIEW
SCALE 1:100

BESS CONTROL BUILDING PLAN VIEW
SCALE 1:100

NOTES:

1. THIS DRAWING IS A CONCEPT DESIGN AND INTENDED FOR FURTHER DEVELOPMENT PURPOSES.

2. EQUIPMENT FOOTPRINTS AND DIMENSIONS ARE FOR CONCEPT DESIGN PURPOSES ONLY.

3. BESS CONTROL AND 33kV SWITCHGEAR/ CONTROL BUILDING SHOULD FOLLOW THE INFORMATION IN THE BUILDING DETAILS TABLE.

ABBREVIATIONS

BESS

FSL

BATTERY ENERGY STORAGE SYSTEM

FINISHED SURFACE LEVEL

BUILDING DETAILS		
BUILDING SURFACE	MATERIAL	COLOUR/FINISH
FRAME	310 UB 46 STEEL	HOT DIPPED GALVANISED
EXTERNAL WALLS	COLORBOND STEEL	PALE EUCALYPT
EXTERNAL ROOF	COLORBOND STEEL	PALE EUCALYPT

2

33kV SWITCHGEAR & CONTROL BUILDING BACK ELEVATION
SCALE 1:100

BESS CONTROL BUILDING BACK ELEVATION
SCALE 1:100

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3

33kV SWITCHGEAR & CONTROL BUILDING FRONT ELEVATION
SCALE 1:100

BESS CONTROL BUILDING FRONT ELEVATION
SCALE 1:100

4

33kV SWITCHGEAR & CONTROL BUILDING LEFT ELEVATION
SCALE 1:100

33kV SWITCHGEAR & CONTROL BUILDING RIGHT ELEVATION
SCALE 1:100

BESS CONTROL BUILDING LEFT ELEVATION
SCALE 1:100

BESS CONTROL BUILDING LEFT ELEVATION
SCALE 1:100

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SCALE 1:100 (m)

DRAWING TO BE SCALED FROM A1 SHEET

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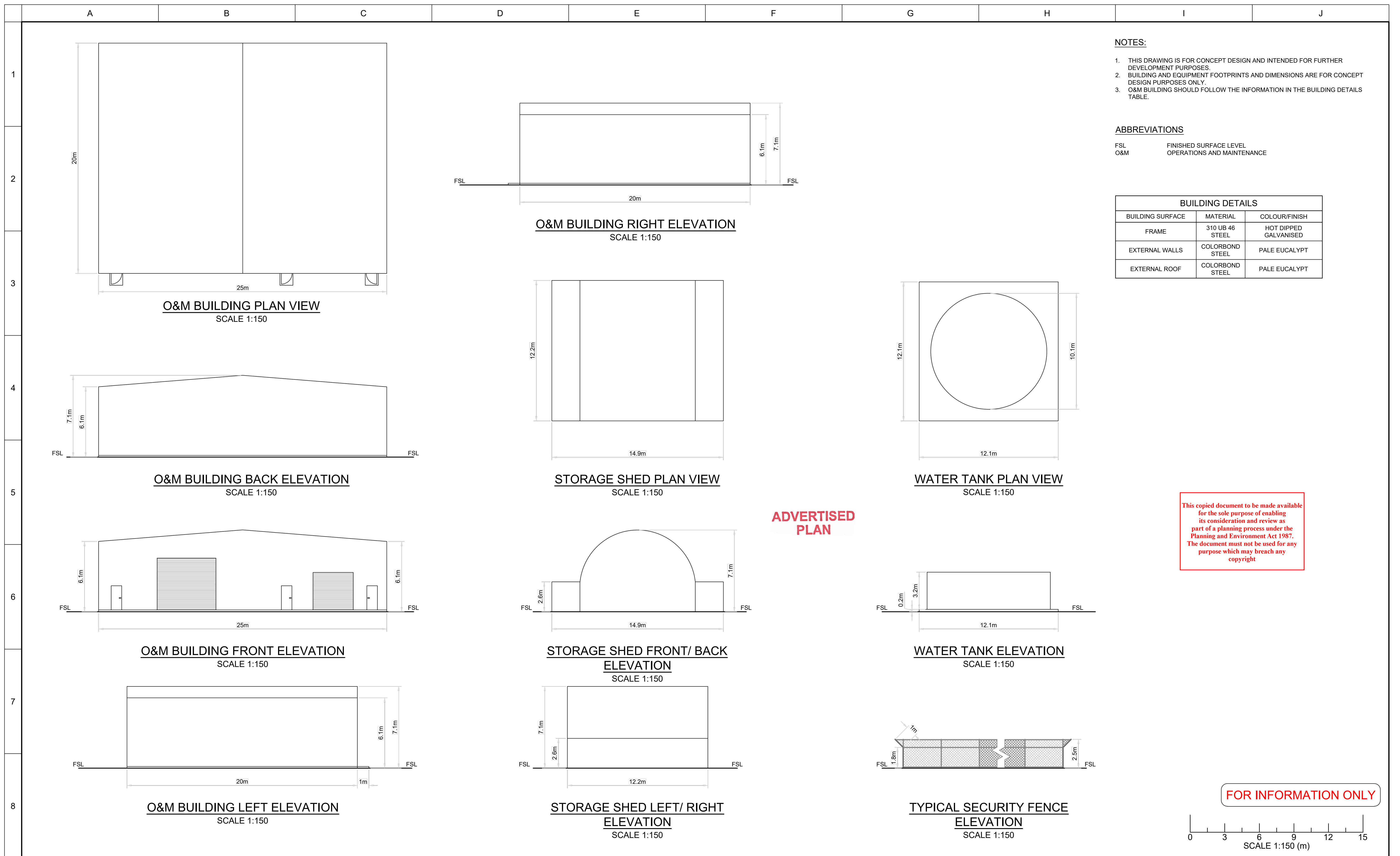
CELERO INFRASTRUCTURE

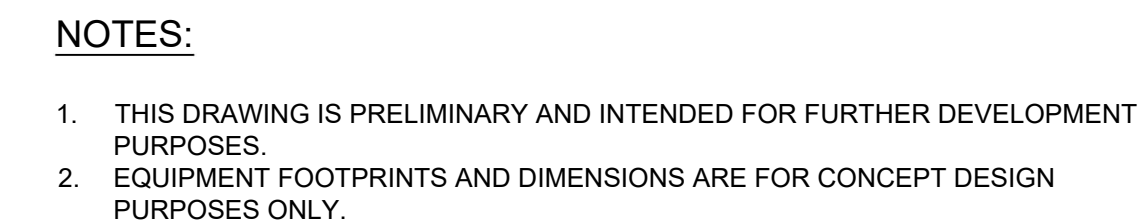
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REV	DESCRIPTION	DRN	DES	RVD	APP	DATE

DRAWN	R.RIVERSON	27/03/2026
DESIGNED	W.ROGAN	27/03/2026
REVIEWED	H.SHAHI	27/03/2026
APPROVED	K.HARINDER	27/03/2026
CONCEPT DESIGN		
SCALE	1:100	

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PROJECT	WINTON RENEWABLE ENERGY STABILITY & STORAGE TERMINAL	
TITLE	BESS CONTROL AND SUBSTATION 33kV SWITCHGEAR & CONTROL BUILDINGS PLAN VIEW AND ELEVATIONS	
A1	WTBS-EP-DWG-CBD-01-001	B
SIZE	DRAWING NUMBER	REV

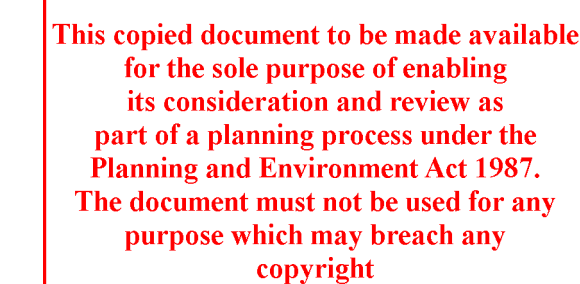




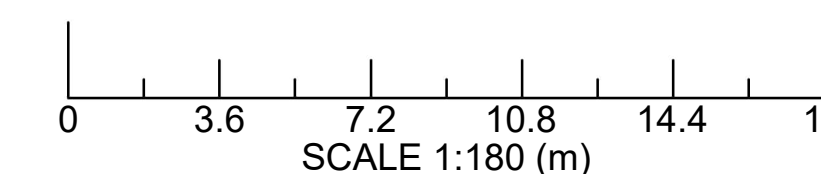
ABBREVIATIONS

AUX TX	AUXILIARY/NEUTRAL EARTHING TRANSFORMER
CBLT	220KV CABLE TERMINATION
CT	CURRENT TRANSFORMER
CVT	CAPACITIVE VOLTAGE TRANSFORMER
DSES	DISCONNECTOR EARTHSWITCH
DTCB	DEAD TANK CIRCUIT BREAKER
FSL	FINISHED SURFACE LEVEL
LM	LIGHTNING MAST
NET	NEUTRAL EARTHING TRANSFORMER KIOSK TYPE
PI	POST INSULATOR
SA	SURGE ARRESTOR
TX	MAIN 220/33KV POWER TRANSFORMER

220/33kV SUBSTATION ELEVATION
SCALE 1:180



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DRAWING TO BE PRINTED IN COLOUR

220/33kV SUBSTATION PLAN VIEW A
SCALE 1:180 LAY-01-005

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