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# ADVERTISED PLAN



Planning Permit Application  
Wimmera Plains Energy Facility

July 2020

Volume 3 - Preliminary Development  
Plans

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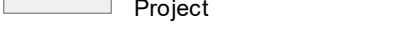
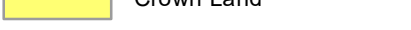
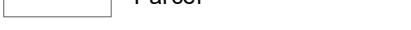







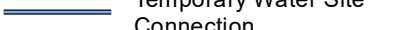
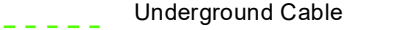

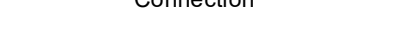
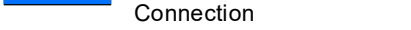
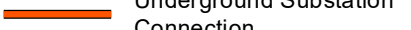
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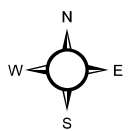
# Wimmera Plains Energy Facility

## Site Plan

# ADVERTISED PLAN

### Legend

-  Turbine Location
-  Proposed Jung Wind Farm Turbine Location
-  220 kV Transmission Line
-  Limit of Development Footprint
-  Land not included in the Project
-  Crown Land
-  Parcel
- Development Footprint**
-  Access Track
-  Turbine Foundation
-  Turbine Hard Stand
-  Substation
-  Temporary Batching Plant Area
-  Construction Compound Laydown Area
-  Temporary Water Site Connection
-  Underground Cable Reticulation
-  Overhead Substation Connection
-  Overhead Transmission Connection
-  Underground Substation Connection
-  Substation Connection Line Power Pole Location
-  Proposed Met Mast Location
-  45,000 L Water Tank

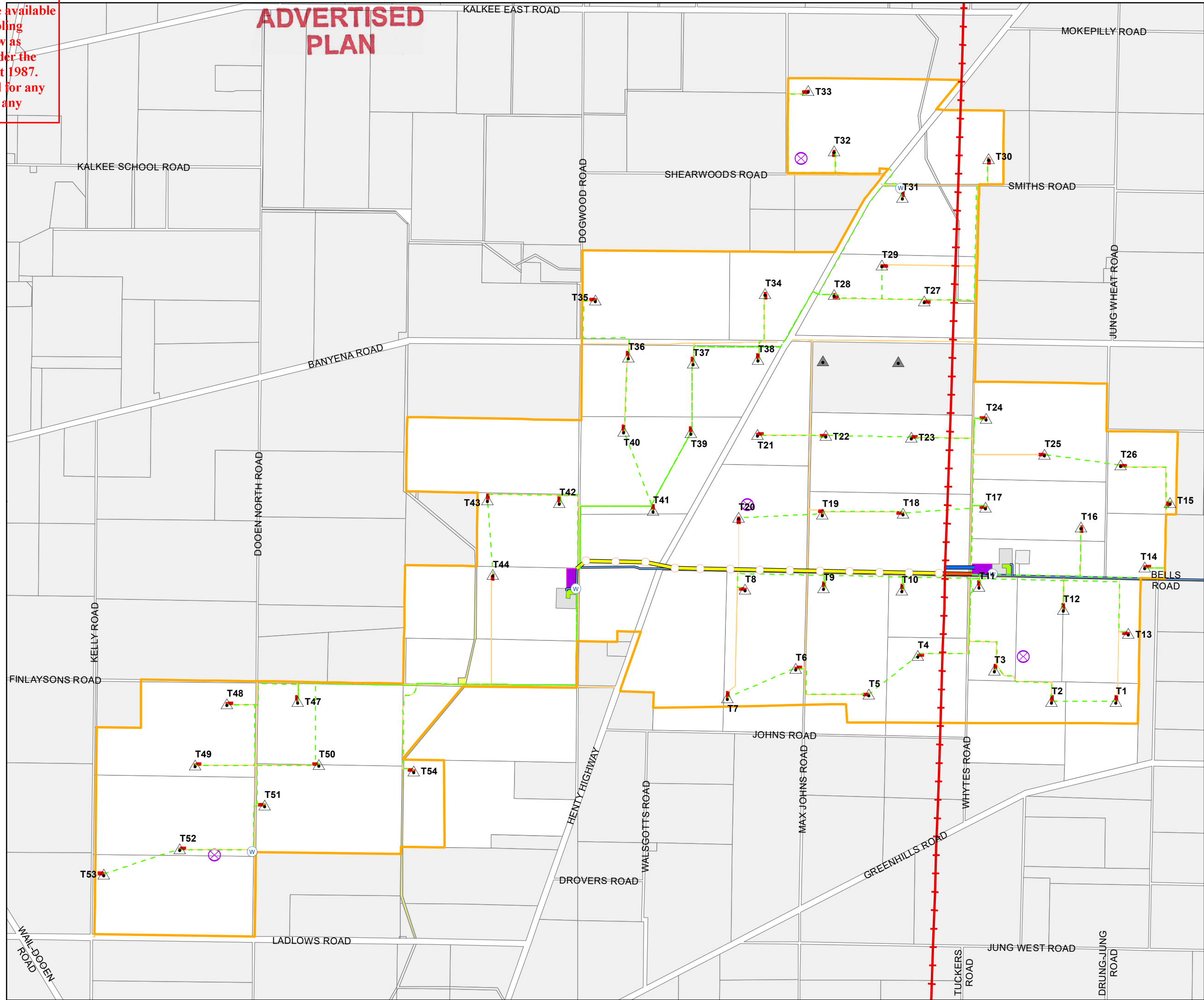


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Date: 08/20/2020





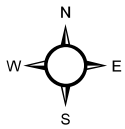


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# ADVERTISED PLAN

## Legend

-  Limit of Development Footprint
-  Site Plan Map Extent

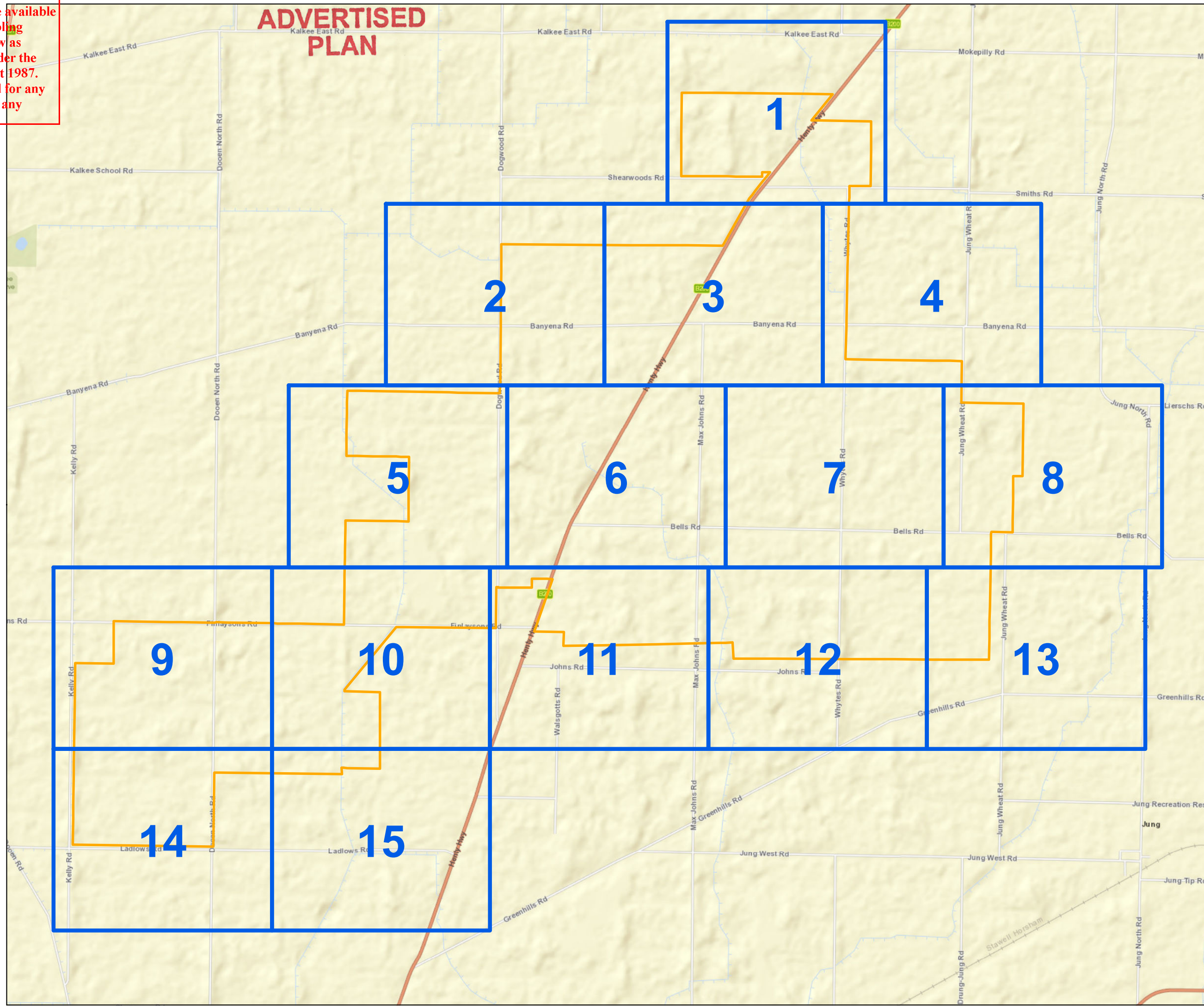


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Date: 04/28/2020



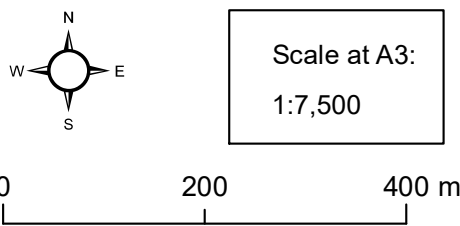
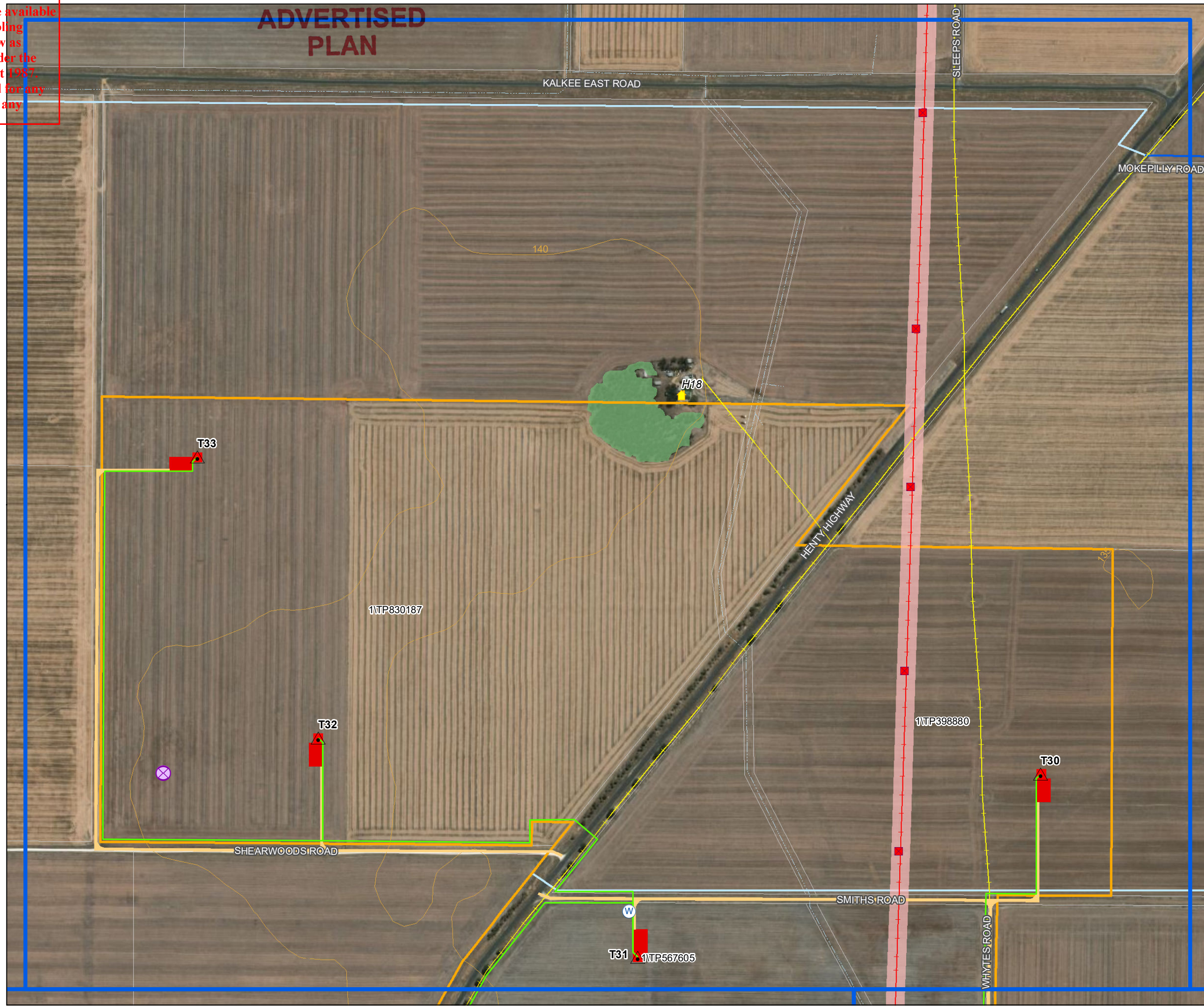


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# ADVERTISED PLAN

Site Plan Map Extent No. 1

- Transmission Line Towers
  - Elevation
  - Decommissioned Channel
  - + + + 220 kV Transmission Line
  - + + + 22 kV Powerline
  - GWM Water 50 mm
  - GWM Water 80 - 150 mm
  - Project Area
  - Site Plan Map Extent
  - 220kV Powerline Easement
  - Vegetation
  - Parcel
- Development Footprint**
- Access Track to be constructed
  - Turbine Foundation
  - Turbine Hard Stand
  - Underground Turbine Cable Reticulation
  - W 45,000 L Static Water Tank
  - ⊗ Met Mast Location





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# ADVERTISED PLAN

Site Plan Map Extent No. 2

**Legend**

- Elevation
- Decommissioned Channel
- GWM Water 50 mm
- GWM Water 80 - 150 mm
- Project Area
- Site Plan Map Extent
- Vegetation
- Parcel

**Development Footprint**

- Access Track to be constructed
- Turbine Foundation
- Turbine Hard Stand
- Underground Turbine Cable Reticulation






Scale at A3:  
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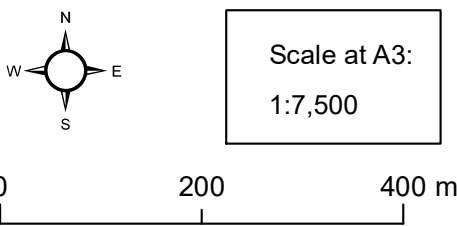
0 200 400 m



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# ADVERTISED PLAN
















-  Scattered Tree
  -  FFG Act Protected
  -  Elevation
  -  Decommissioned Channel
  -  220 kV Transmission Line
  -  22 kV Powerline
  -  GWM Water 80 - 150 mm
  -  Project Area
  -  Site Plan Map Extent
  -  220kV Powerline Easement
  -  Vegetation
  -  Approved Jung Wind Farm and Jung Renewable Energy Facility Footprint
  -  Parcel
- Development Footprint**
-  Access Track to be constructed
  -  Turbine Foundation
  -  Turbine Hard Stand
  -  Underground Turbine Cable Reticulation

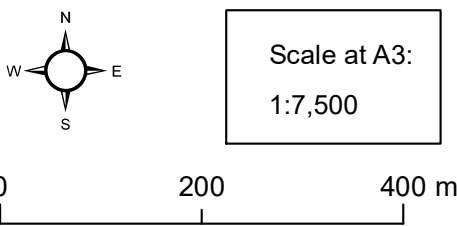




Wimmera Plains Energy Facility  
 Site Plan Map Extent No. 4  
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# ADVERTISED PLAN

-  Scattered Tree
  -  Elevation
  -  Decommissioned Channel
  -  220 kV Transmission Line
  -  22 kV Powerline
  -  GWM Water 50 mm
  -  GWM Water 80 - 150 mm
  -  Project Area
  -  Site Plan Map Extent
  -  220kV Powerline Easement
  -  Vegetation
  -  Approved Jung Wind Farm and Jung Renewable Energy Facility Footprint
  -  Parcel
- Development Footprint**
-  Access Track to be constructed
  -  Underground Turbine Cable Reticulation




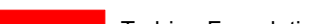
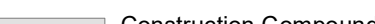


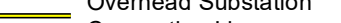


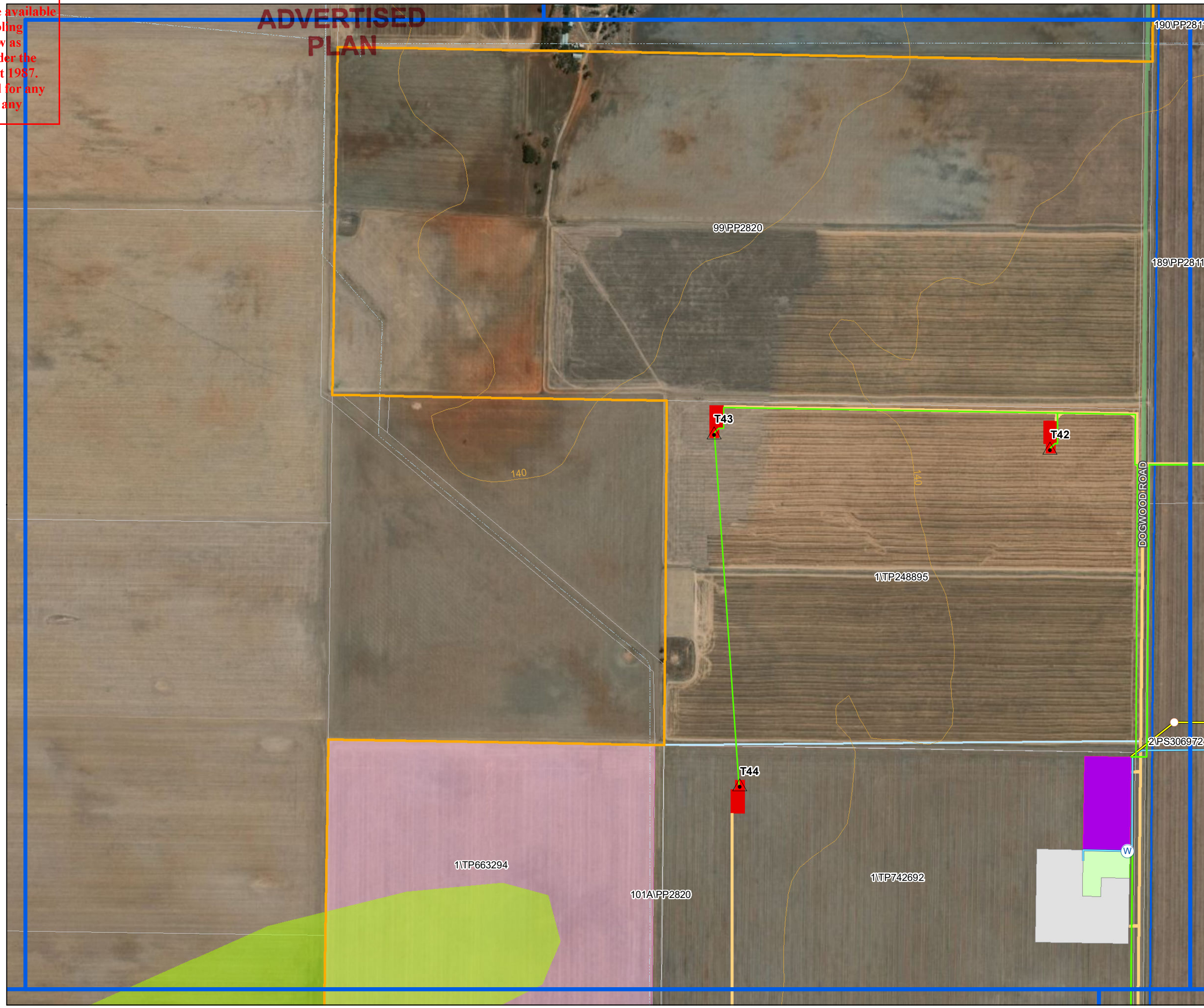
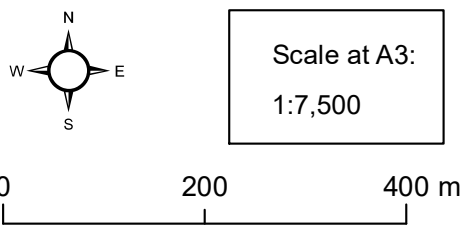


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# ADVERTISED PLAN

Site Plan Map Extent No. 5

-  Turbine Location
-  Elevation
-  Decommissioned Channel
-  GWM Water 50 mm
-  GWM Water 80 - 150 mm
-  Project Area
-  Site Plan Map Extent
-  Mining Quarry Licence
-  Cultural Heritage Sensitivity Area
-  Vegetation
-  Parcel
- Development Footprint**
-  Access Track to be constructed
-  Turbine Foundation
-  Turbine Hard Stand
-  Substation Area
-  Construction Compound Laydown Area
-  Batching Plant
-  Temporary Water Pipeline
-  Underground Turbine Cable Reticulation
-  Overhead Substation Connection Line
-  Connection Line Power Pole
-  45,000 L Static Water Tank

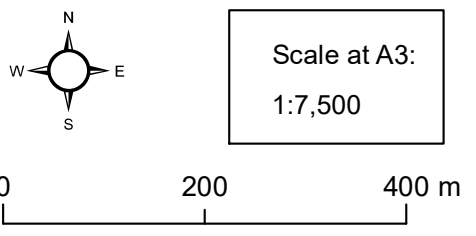




Wimmera Plains Energy Facility  
 Site Plan Map Extent No. 6  
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# ADVERTISED PLAN

- Scattered Tree
  - Elevation
  - Decommissioned Channel
  - 22 kV Powerline
  - GWM Water 50 mm
  - Project Area
  - Site Plan Map Extent
  - Cultural Heritage Sensitivity Area
  - Vegetation
  - Parcel
- Development Footprint**
- Access Track to be constructed
  - Turbine Foundation
  - Turbine Hard Stand
  - Temporary Water Pipeline
  - Underground Turbine Cable Reticulation
  - Overhead Substation Connection Line
  - Connection Line Power Pole
  - Met Mast Location

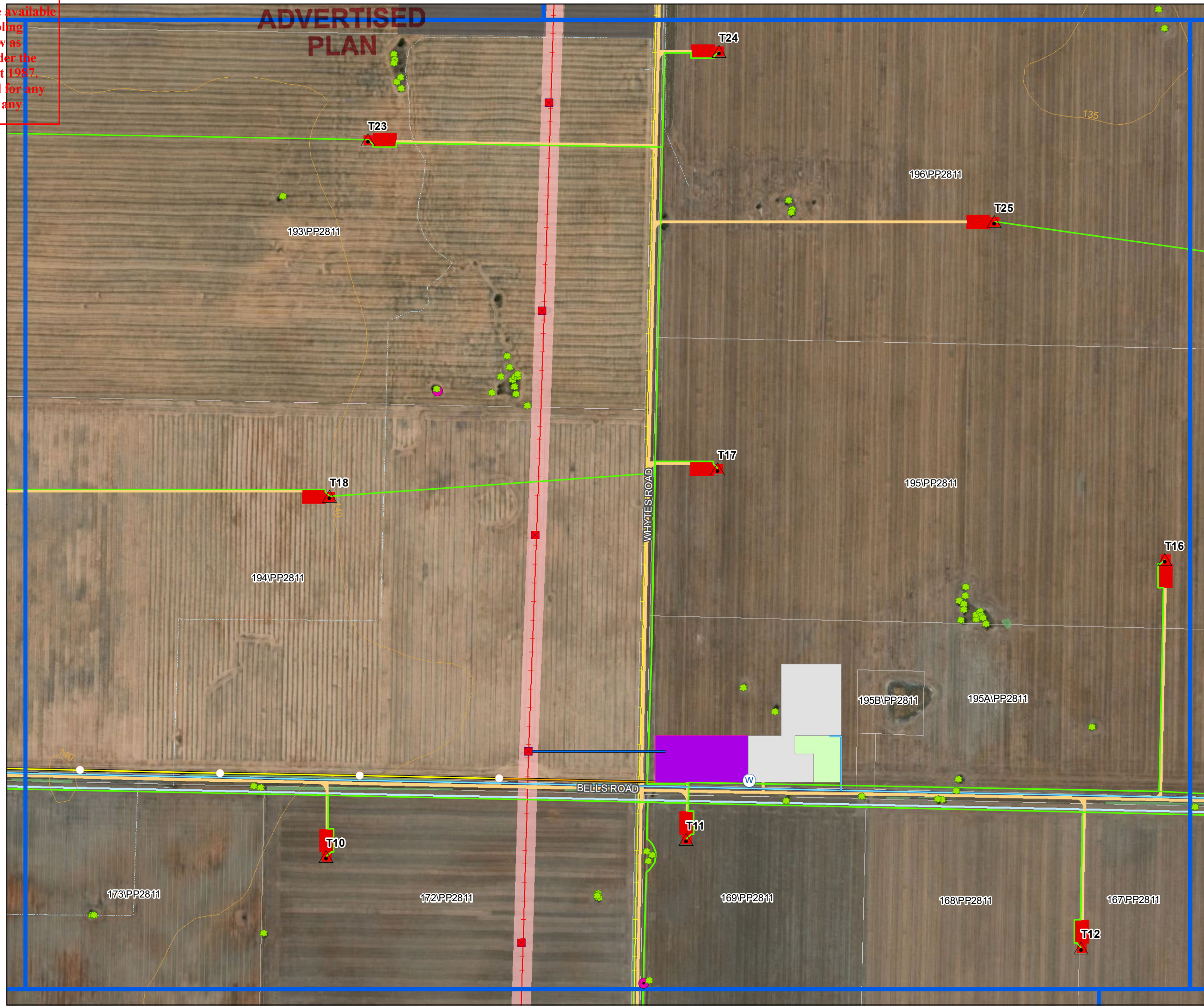
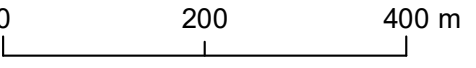




Wimmera Plains Energy Facility  
 Site Plan Map Extent No. 7  
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# ADVERTISED PLAN

- Scattered Tree
  - FFG Act Protected
  - Elevation
  - Decommissioned Channel
  - 220 kV Transmission Line
  - 22 kV Powerline
  - GWM Water 50 mm
  - Project Area
  - Site Plan Map Extent
  - 220kV Powerline Easement
  - Vegetation
  - Approved Jung Wind Farm and Jung Renewable Energy Facility Footprint
  - Parcel
- Development Footprint**
- Access Track to be constructed
  - Turbine Foundation
  - Turbine Hard Stand
  - Substation Area
  - Construction Compound Laydown Area
  - Batching Plant
  - Temporary Water Pipeline
  - Underground Turbine Cable Reticulation
  - Overhead Substation Connection Line
  - Underground Substation Connection Line
  - Overhead Transmission Connection Line
  - Connection Line Power Pole
  - 45,000 L Static Water Tank

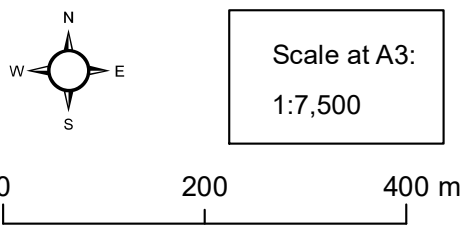




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# ADVERTISED PLAN

- Stakeholder Dwelling
  - Scattered Tree
  - Elevation
  - Decommissioned Channel
  - GWM Water 50 mm
  - GWM Water 450 mm Main
  - Project Area
  - Site Plan Map Extent
  - Vegetation
  - Parcel
- Development Footprint**
- Access Track to be constructed
  - Turbine Foundation
  - Turbine Hard Stand
  - Temporary Water Pipeline
  - Underground Turbine Cable Reticulation





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# ADVERTISED PLAN

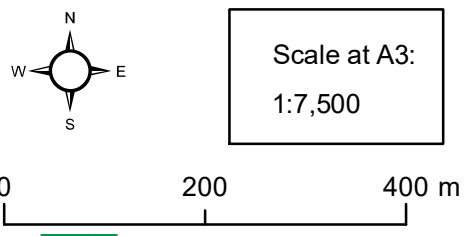
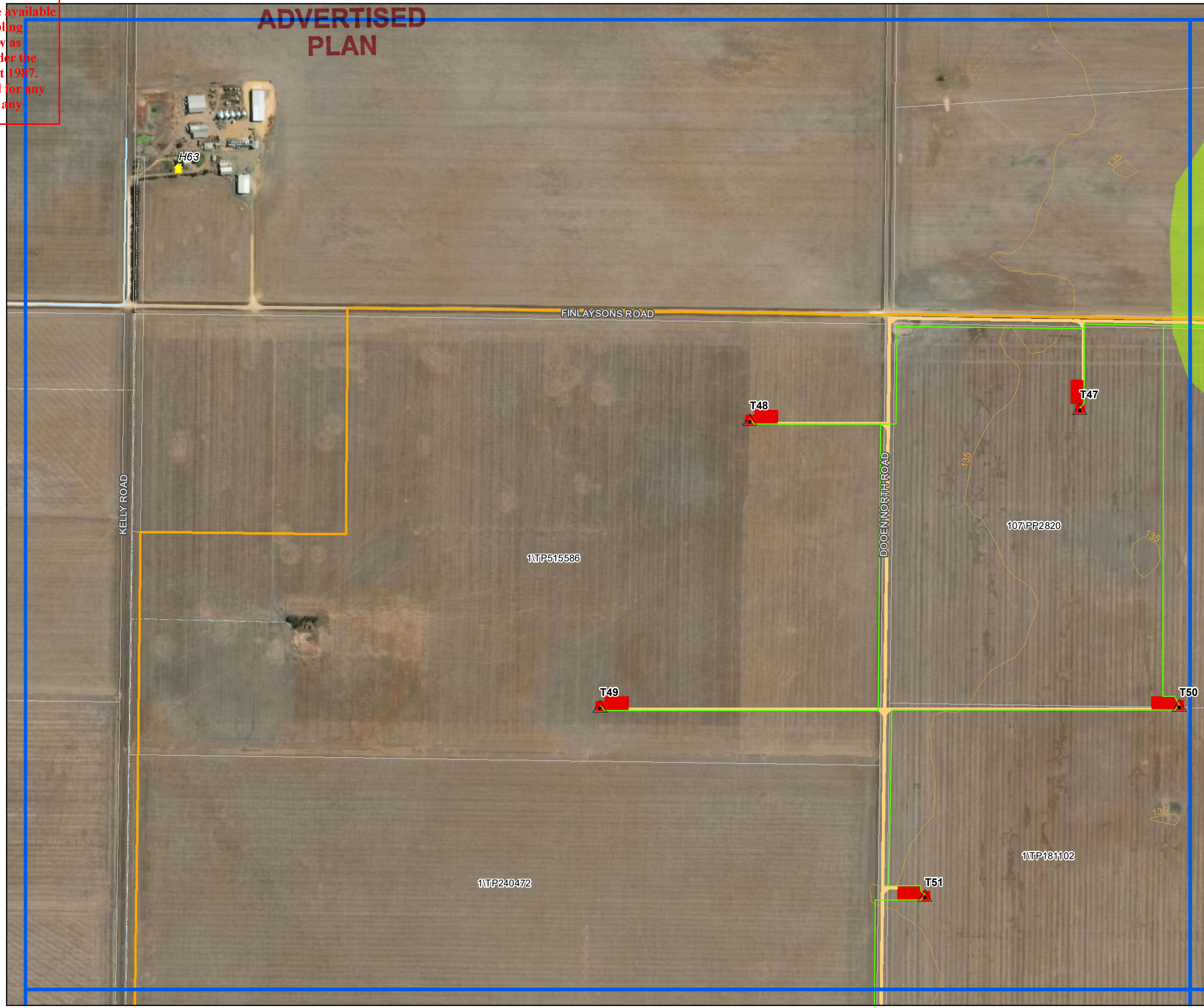
Site Plan Map Extent No. 9

**Legend**

- Elevation
- Decommissioned Channel
- GWM Water 50 mm
- Project Area
- Site Plan Map Extent
- Cultural Heritage Sensitivity Area
- Parcel

**Development Footprint**

- Access Track to be constructed
- Turbine Foundation
- Turbine Hard Stand
- Underground Turbine Cable Reticulation





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# ADVERTISED PLAN

Site Plan Map Extent No. 10

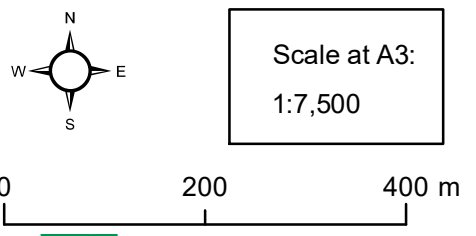
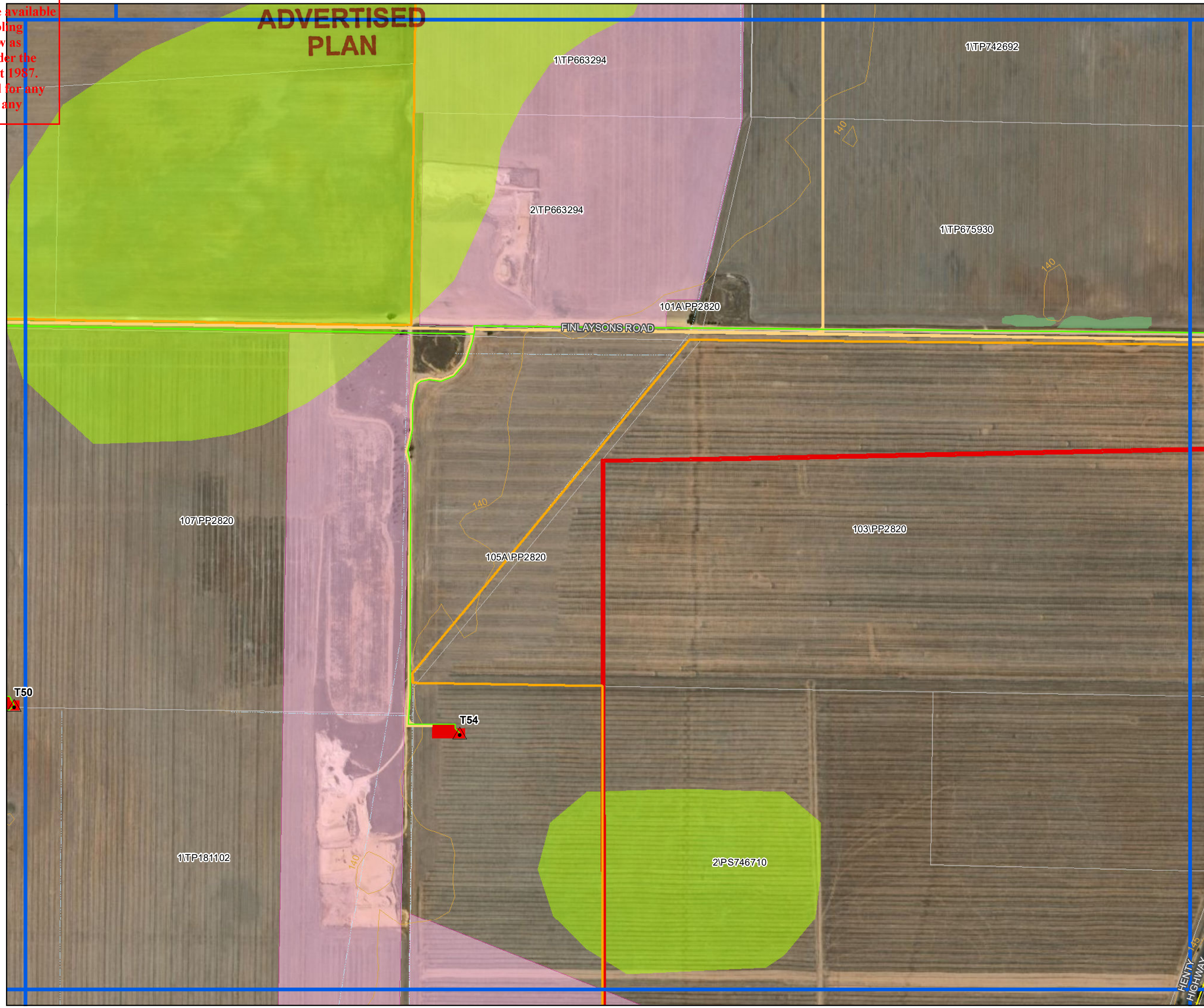
- Turbine Location
- Elevation
- Decommissioned Channel
- 22 kV Powerline
- Project Area
- Site Plan Map Extent
- Mining Quarry Licence
- Cultural Heritage Sensitivity Area
- Vegetation
- Parcel

**Development Footprint**

- Access Track to be constructed
- Turbine Foundation
- Turbine Hard Stand
- Underground Turbine Cable Reticulation

**Avonbank Mineral Sands Mine Area**

- Project Area

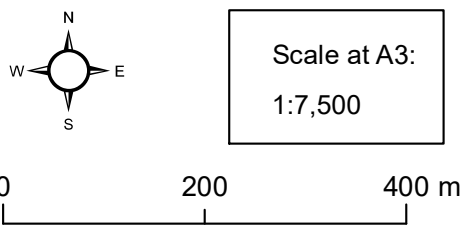




Winimera Plains Energy Facility  
 Site Plan Map Extent No. 11  
 The turbine location must not be used for any purpose which may breach any copyright

# ADVERTISED PLAN

- Stakeholder Dwelling
  - Scattered Tree
  - Elevation
  - Decommissioned Channel
  - 22 kV Powerline
  - GWM Water 50 mm
  - GWM Water 80 - 150 mm
  - Project Area
  - Site Plan Map Extent
  - Cultural Heritage Sensitivity Area
  - Vegetation
  - Parcel
- Development Footprint**
- Access Track to be constructed
  - Turbine Foundation
  - Turbine Hard Stand
  - Underground Turbine Cable Reticulation
- Avonbank Mineral Sands Mine Area**
- Project Area
  - Mineral Resource
  - Preliminary Mine Footprint

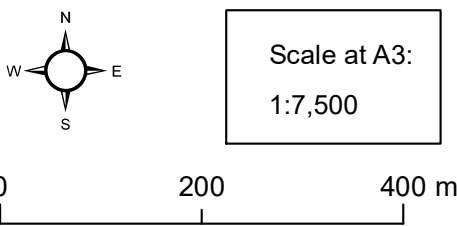




Winimera Plains Energy Facility  
 Site Plan Map Extent No. 12  
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# ADVERTISED PLAN

- Scattered Tree
  - FFG Act Protected
  - Elevation
  - Decommissioned Channel
  - 220 kV Transmission Line
  - 22 kV Powerline
  - GWM Water 50 mm
  - Project Area
  - Site Plan Map Extent
  - 220kV Powerline Easement
  - Vegetation
  - Parcel
- Development Footprint**
- Access Track to be constructed
  - Turbine Foundation
  - Turbine Hard Stand
  - Underground Turbine Cable Reticulation
  - Met Mast Location
- Avonbank Mineral Sands Mine Area**
- Project Area
  - Mineral Resource
  - Preliminary Mine Footprint

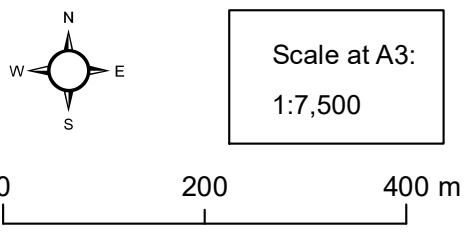




Wimmera Plains Energy Facility  
 Site Plan Map Extent No. 13  
 The turbine location must not be used for any purpose which may breach any copyright

# ADVERTISED PLAN








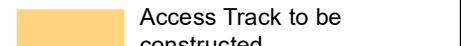

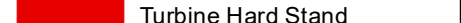

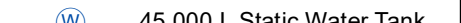

- Scattered Tree
  - Elevation
  - Decommissioned Channel
  - GWM Water 50 mm
  - GWM Water 450 mm Main
  - Project Area
  - Site Plan Map Extent
  - Vegetation
  - Parcel
- Development Footprint**
- Access Track to be constructed
  - Turbine Foundation
  - Turbine Hard Stand
  - Underground Turbine Cable Reticulation
- Avonbank Mineral Sands Mine Area**
- Project Area
  - Mineral Resource
  - Preliminary Mine Footprint

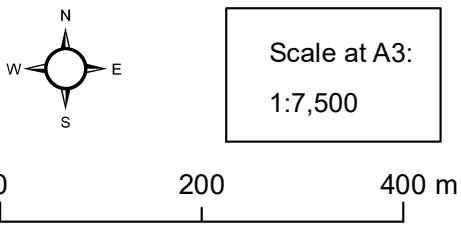




Winmura Plains Energy Facility  
 Site Plan Map Extent No. 14  
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# ADVERTISED PLAN









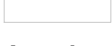


-  Decommissioned Channel
  -  66 kV Powerline
  -  GWM Water 50 mm
  -  GWM Water 80 - 150 mm
  -  Project Area
  -  Site Plan Map Extent
  -  Parcel
- Development Footprint**
-  Access Track to be constructed
  -  Turbine Foundation
  -  Turbine Hard Stand
  -  Underground Turbine Cable Reticulation
  -  45,000 L Static Water Tank
  -  Met Mast Location

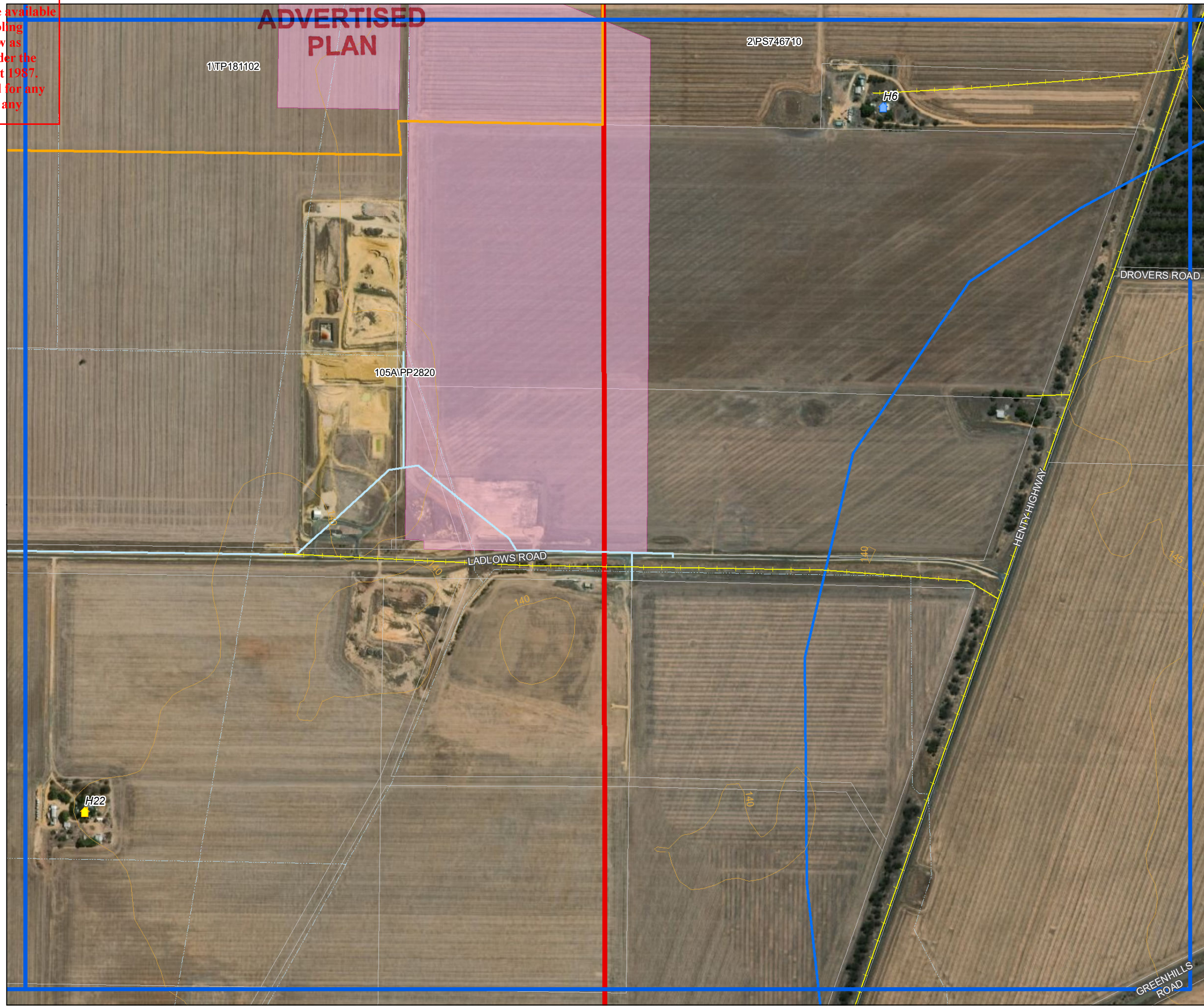
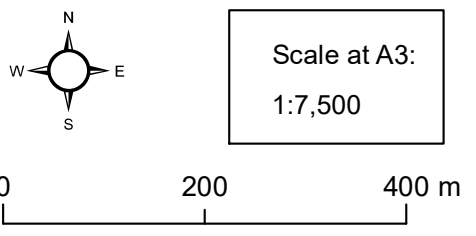




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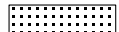











-  Elevation
  -  Decommissioned Channel
  -  22 kV Powerline
  -  GWM Water 50 mm
  -  Project Area
  -  Site Plan Map Extent
  -  Mining Quarry Licence
  -  Cultural Heritage Sensitivity Area
  -  Parcel
- Avonbank Mineral Sands Mine Area**
-  Project Area
  -  Mineral Resource

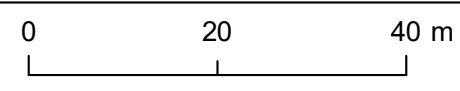




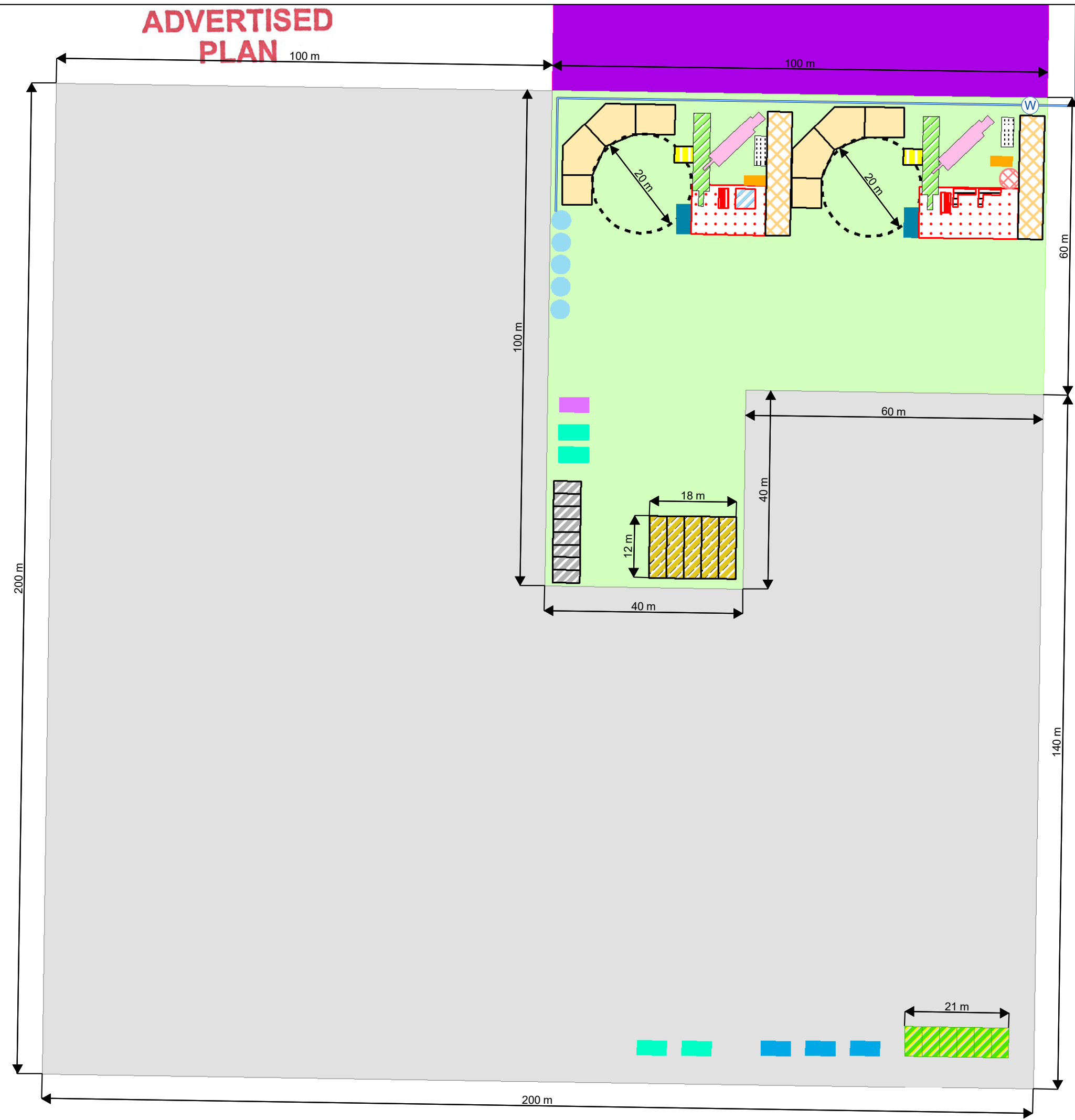
**Winmura Plains Energy Facility**  
 Construction of Compound West under the Planning and Environment Act 1987.  
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# ADVERTISED PLAN

- Development Footprint**
-  Substation
  -  Temporary Office
  -  Ablution
  -  Batching Plant
  -  Construction Compound Laydown Area
  -  Car Park
- Indicative Batching Plant Layout**
-  Ablutions
  -  Admixture Store
  -  Batch Office
  -  Batching Plant Unit
  -  Car Bay
  -  Cement Silo
  -  FEL Ramp
  -  Generator
  -  Ground Bin
  -  Horizontal Silo
  -  Lunch Room
  -  Slump Stand
  -  Wet Area
  -  Stirrer Tank
  -  Tanker Area
  -  Truck Bay
  -  Washout box
  -  Water Tank
  -  Wedge Pit
  -  Temporary Water Pipeline
  -  45,000 L Static Water Tank



Date: 04/29/2020






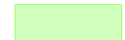




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# ADVERTISED PLAN

Construction Compound East

## Development Footprint

-  Substation
-  Temporary Office
-  Ablution
-  Batching Plant
-  Construction Compound Laydown Area
-  Car Park

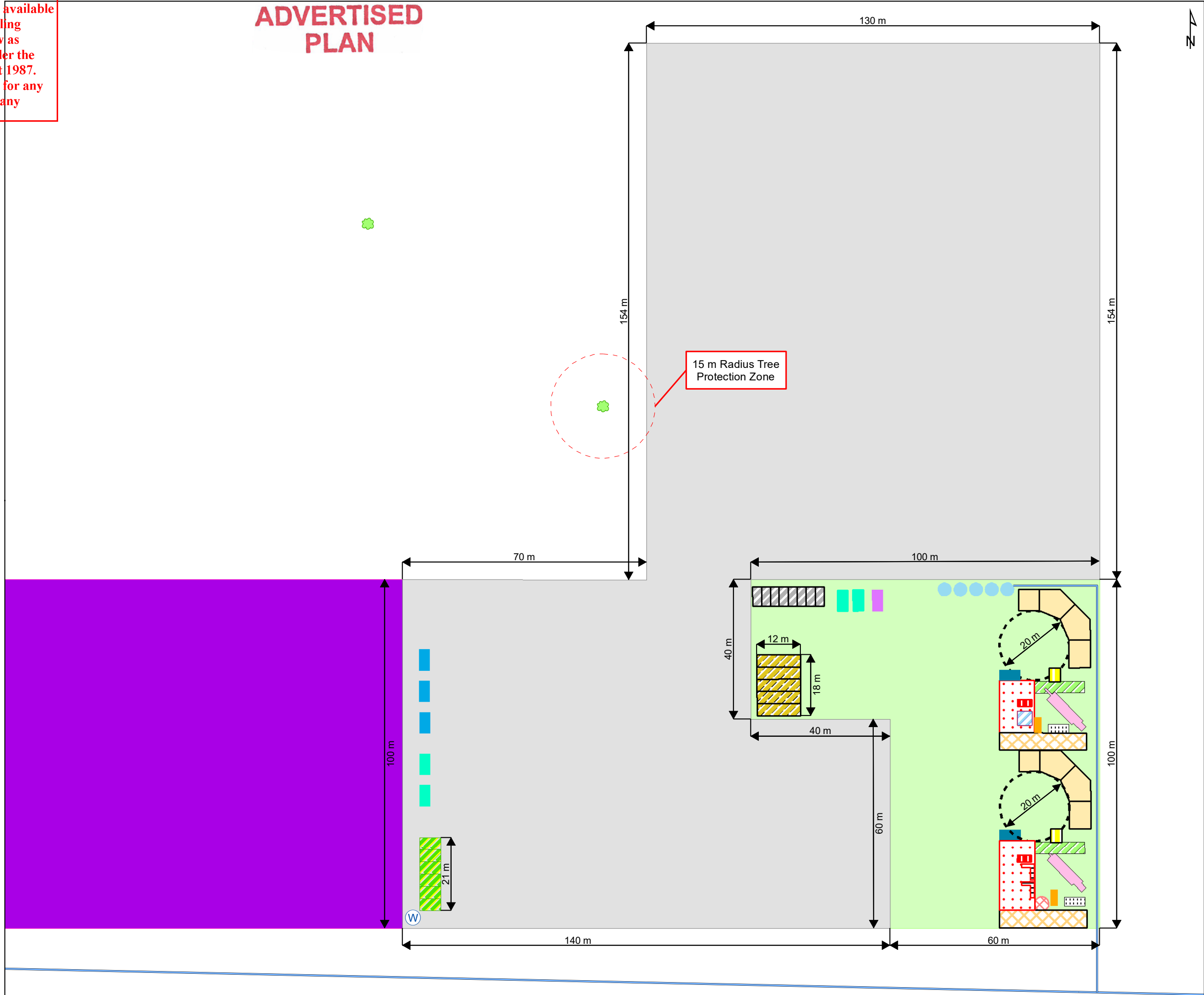
## Indicative Batching Plant Layout

-  Ablutions
-  Admixture Store
-  Batch Office
-  Batching Plant Unit
-  Car Bay
-  Cement Silo
-  FEL Ramp
-  Generator
-  Ground Bin
-  Horizontal Silo
-  Lunch Room
-  Slump Stand
-  Wet Area
-  Stirrer Tank
-  Tanker Area
-  Truck Bay
-  Washout box
-  Water Tank
-  Wedge Pit
-  Temporary Water Pipeline
-  45,000 L Static Water Tank

0 20 40 m



Date: 04/29/2020



2-1



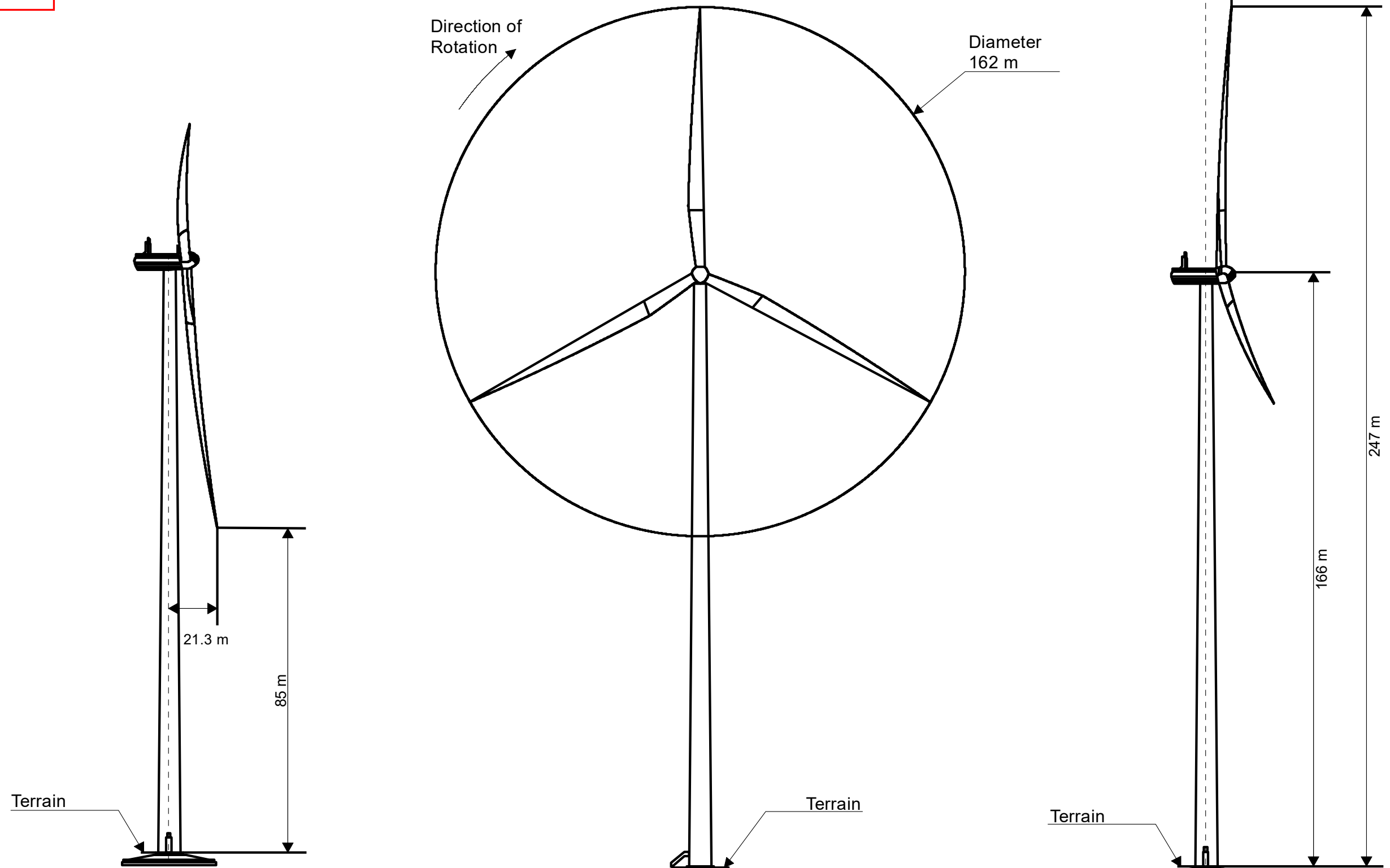
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**Wimmera Plains Energy Facility**

Vestas V162 Turbine  
Elevation Profile

**ADVERTISED PLAN**

NOT FOR CONSTRUCTION



**NOT TO SCALE**

Make: VESTAS  
 Model: V162  
 Capacity: 5.6 MW  
 Nacelle, Cooler Top/ Rotor Hub Material: Steel framed construction with fibreglass composite cover  
 Blade Material: Fibreglass composite  
 Tower Material: Steel  
 Foundation Material: Concrete with steel reinforcement  
 Stair Material: Aluminium  
 Colour and Finish of Stairs: Natural Aluminium  
 Colour and Finish of Turbines (nacelles, cooler tops, rotor hubs, blades and towers): "Light Grey (RAL 7035). {Industry Standard, Non-reflective}  
 Colour and Finish of Foundations: Cement Grey, Natural Concrete



Date: 05/11/2020



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# Wimmera Plains Energy Facility

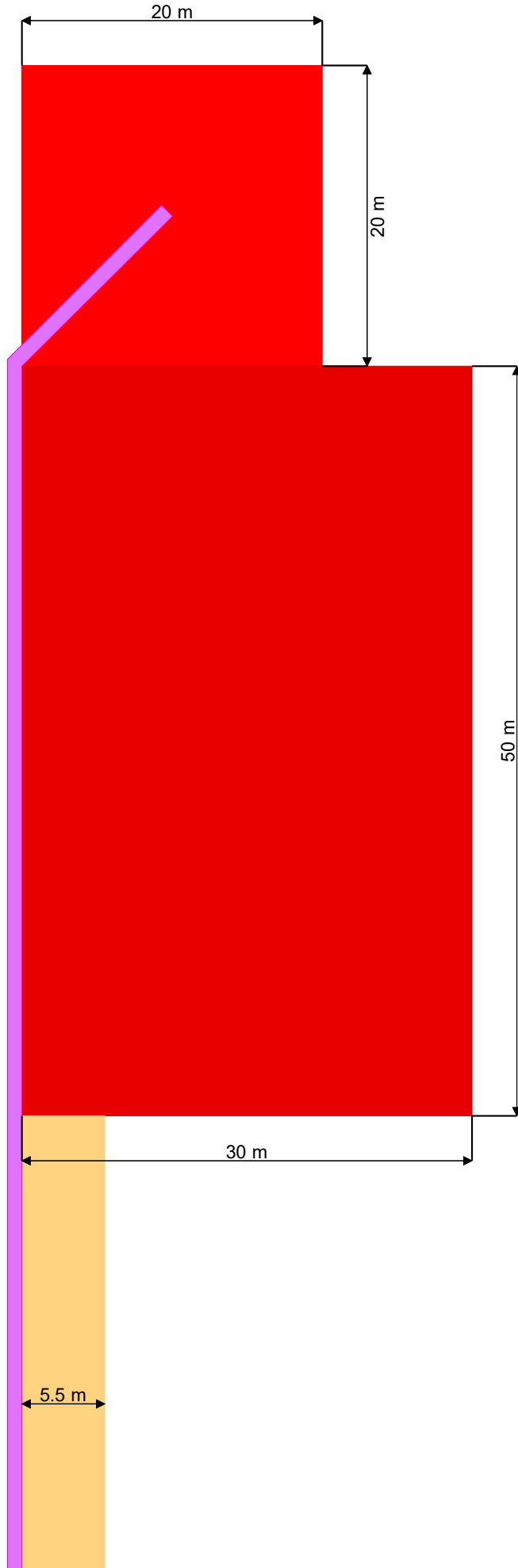
Typical Turbine Foundation, Hardstand and Access Track

## ADVERTISED PLAN

**Legend**

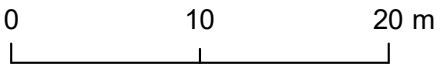
**Development Footprint**

- Access Track
- Turbine Foundation
- Turbine Hard Stand
- Cable Trench



NOT FOR CONSTRUCTION

Scale at A3:  
1:400



Date: 04/29/2020

Note: Indicative Layout ONLY.



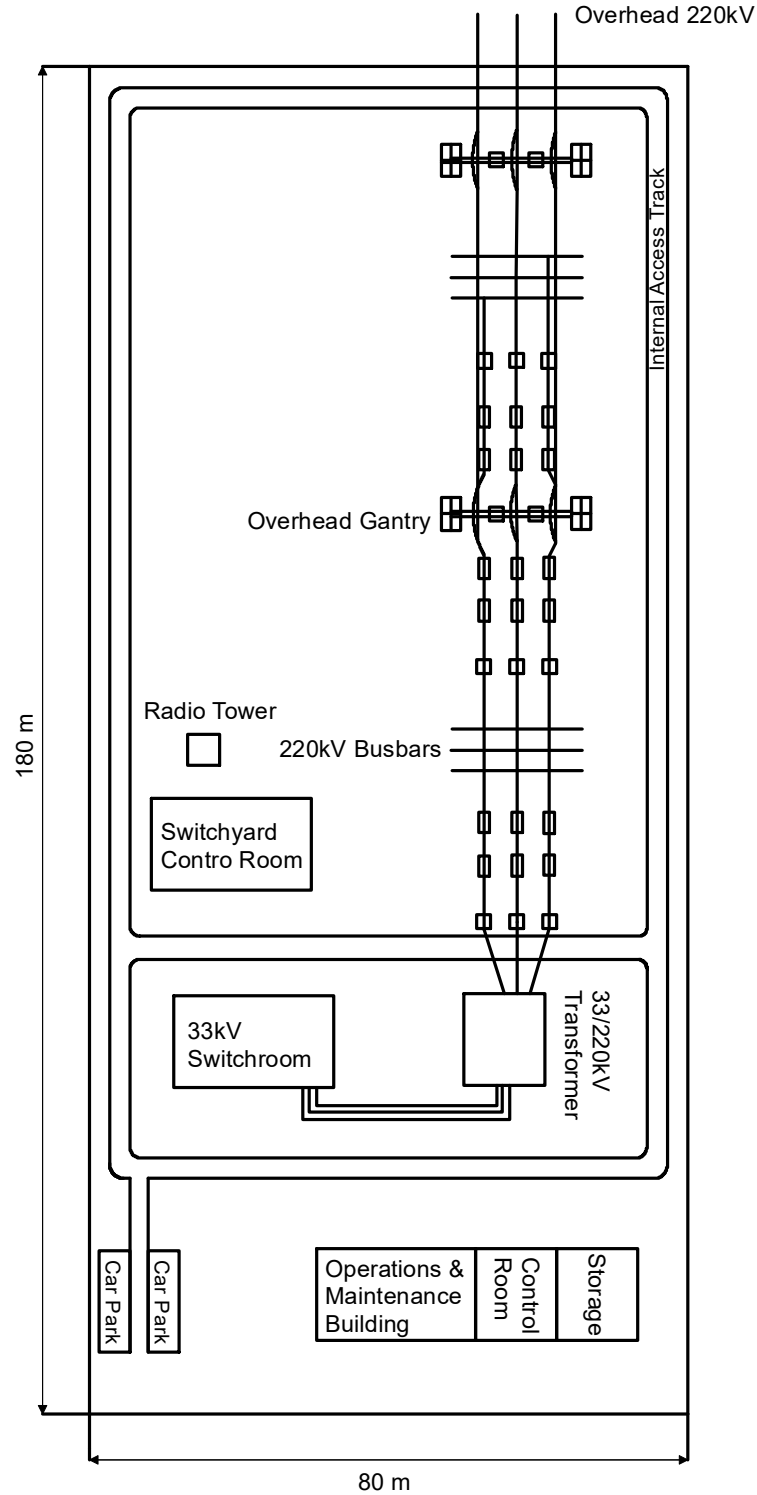
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INDICATIVE LAYOUT AND ELEVATION PLAN

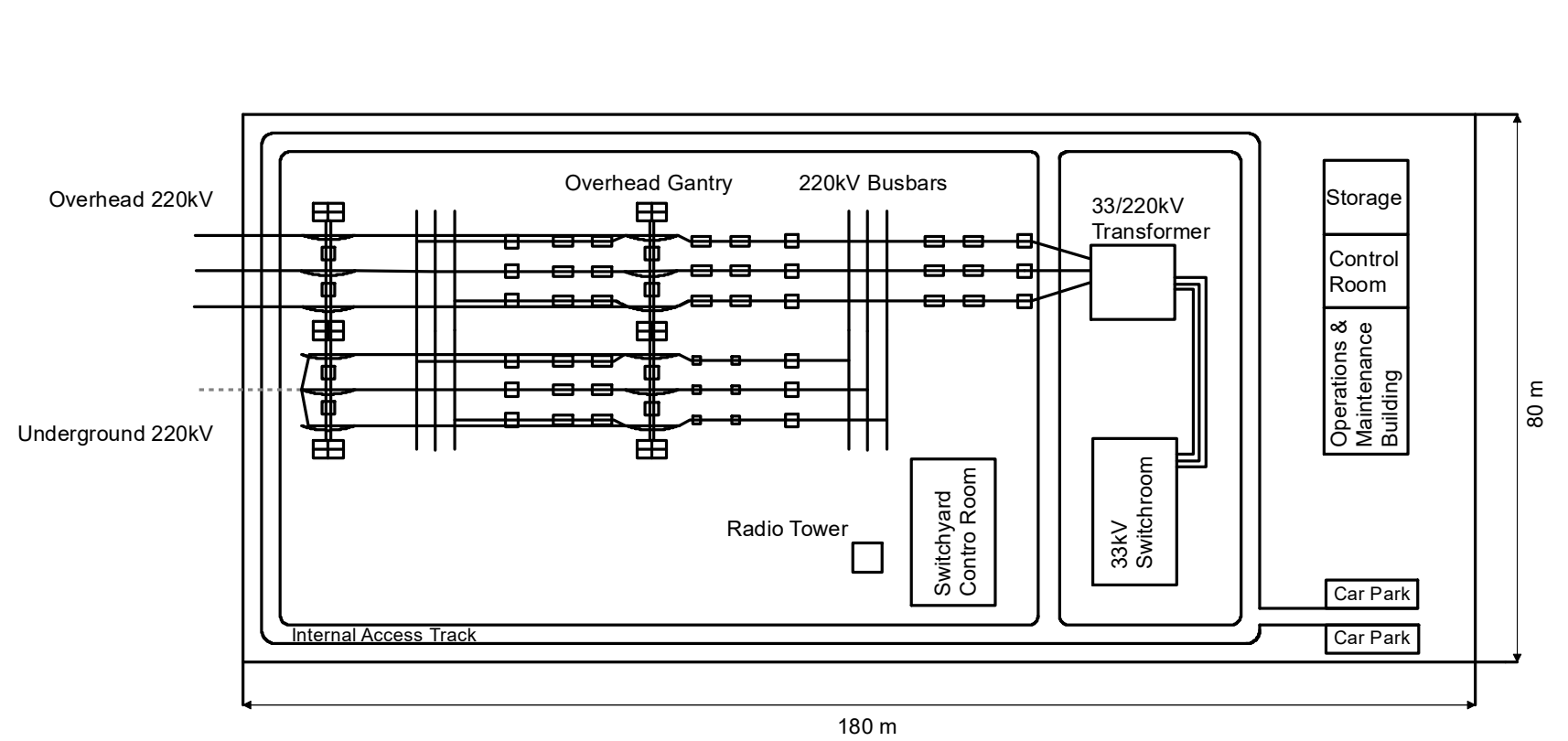
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# ADVERTISED PLAN

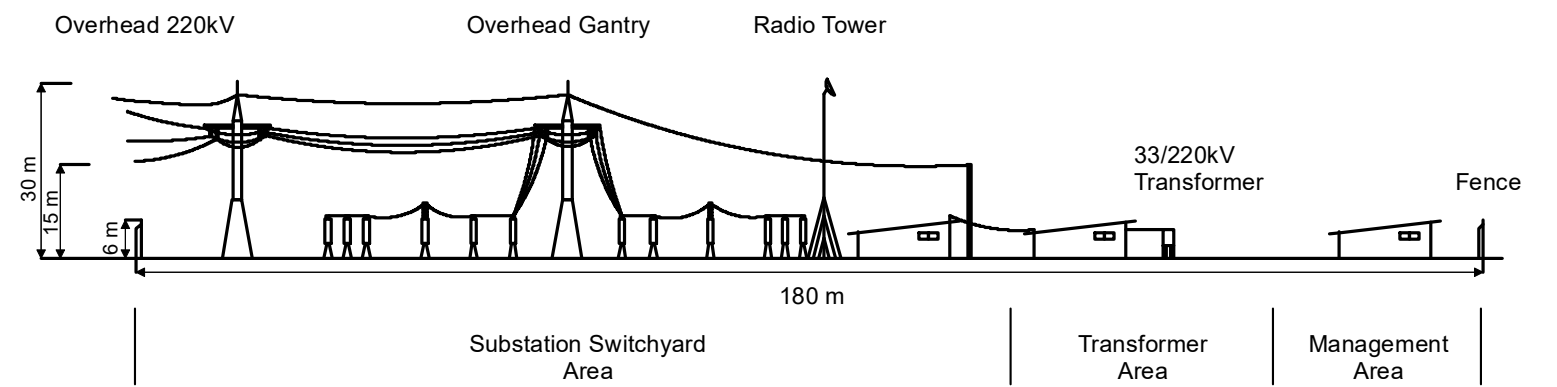
**Substation West**



**Substation East**



**Elevation Profile**



NOT TO SCALE



Date: 04/29/2020

NOTE: The substation layout is INDICATIVE ONLY.



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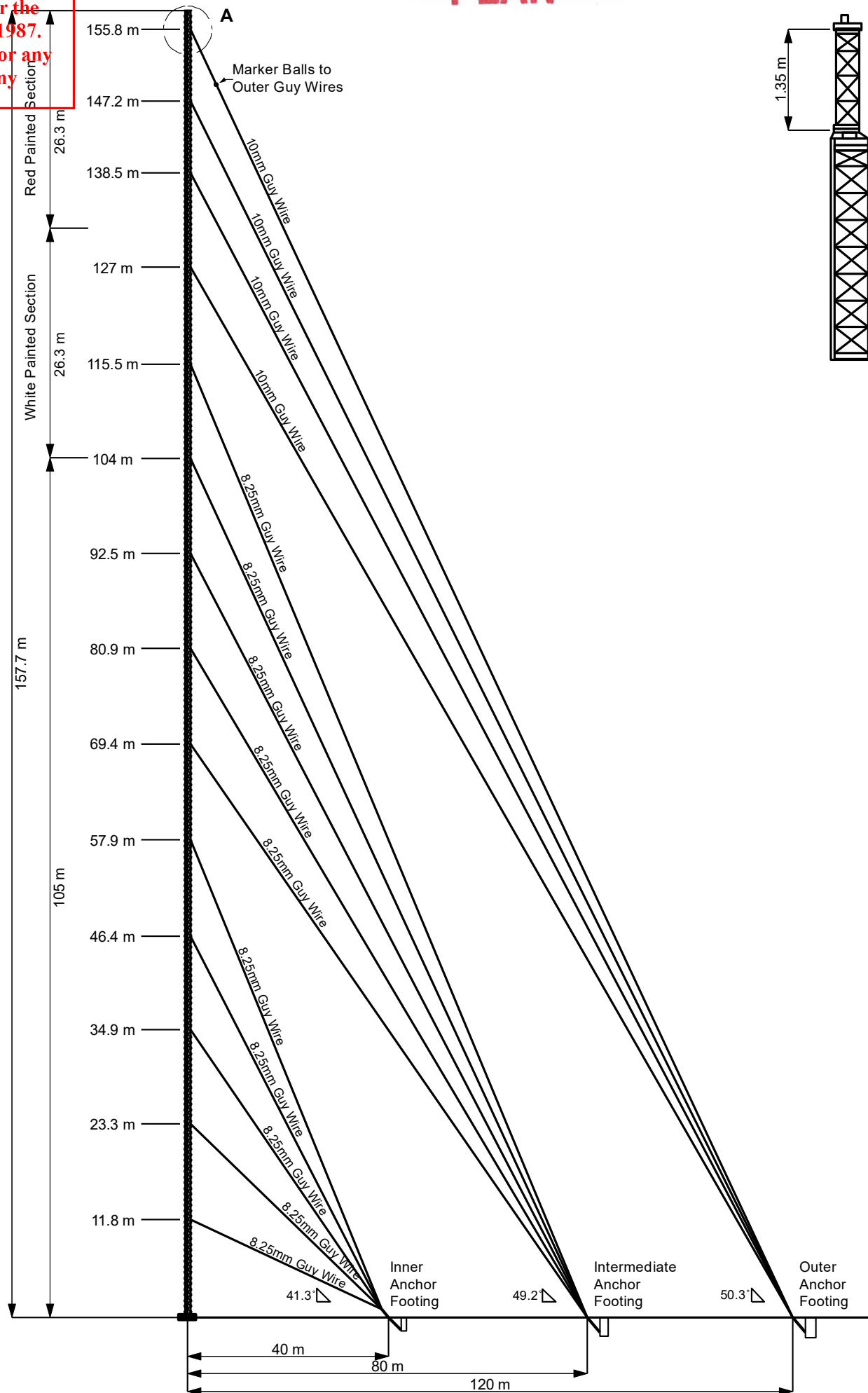
**Wimmera Plains Energy Facility**

160 m Meteorological Tower  
INDICATIVE ELEVATION AND PLAN

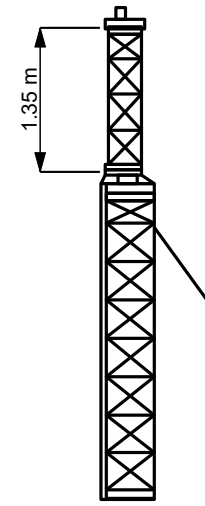
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**ADVERTISED PLAN**

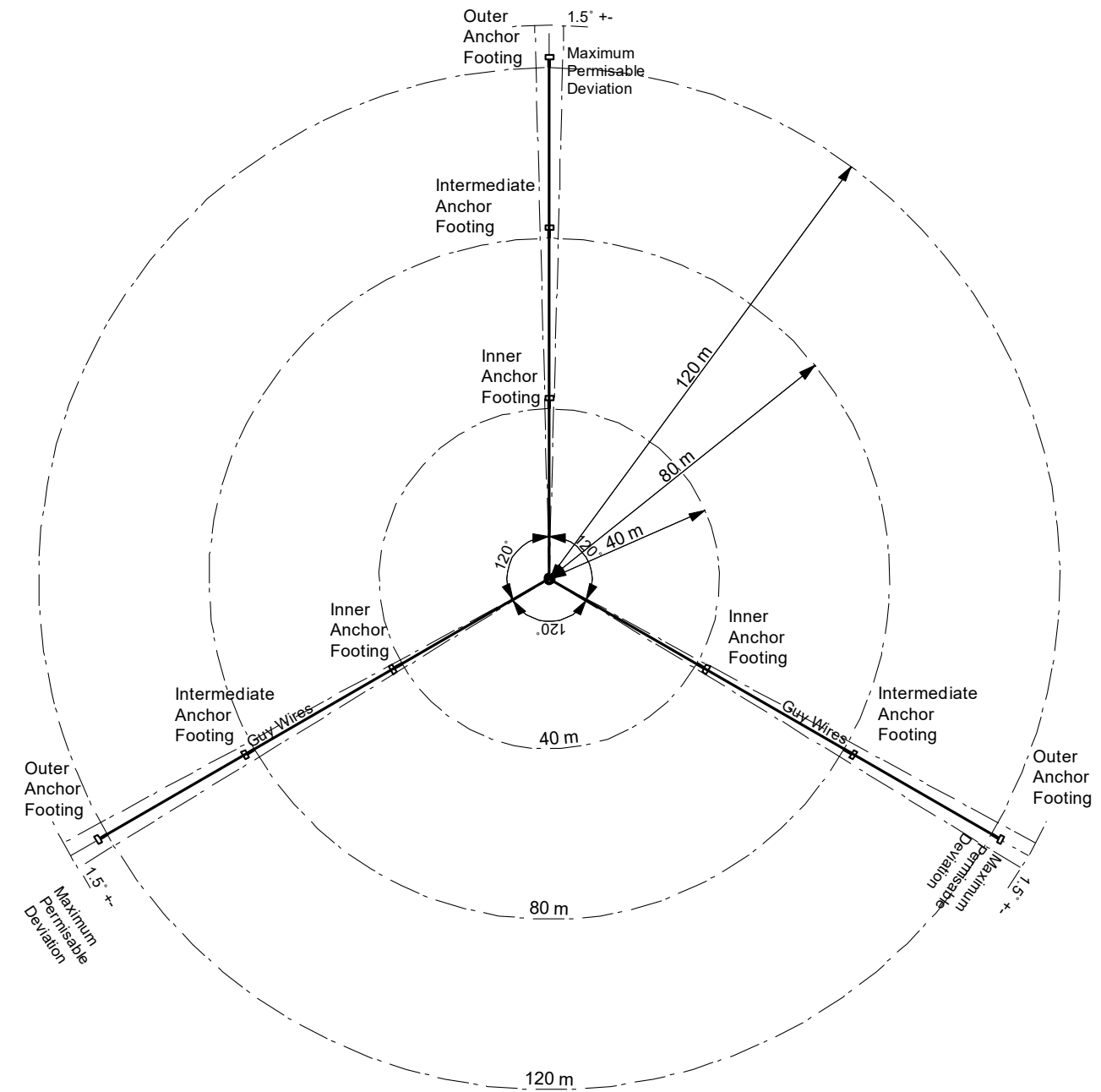
**ELEVATION PROFILE**



**DETAIL A**



**PLAN VIEW LAYOUT**



**NOT TO SCALE**

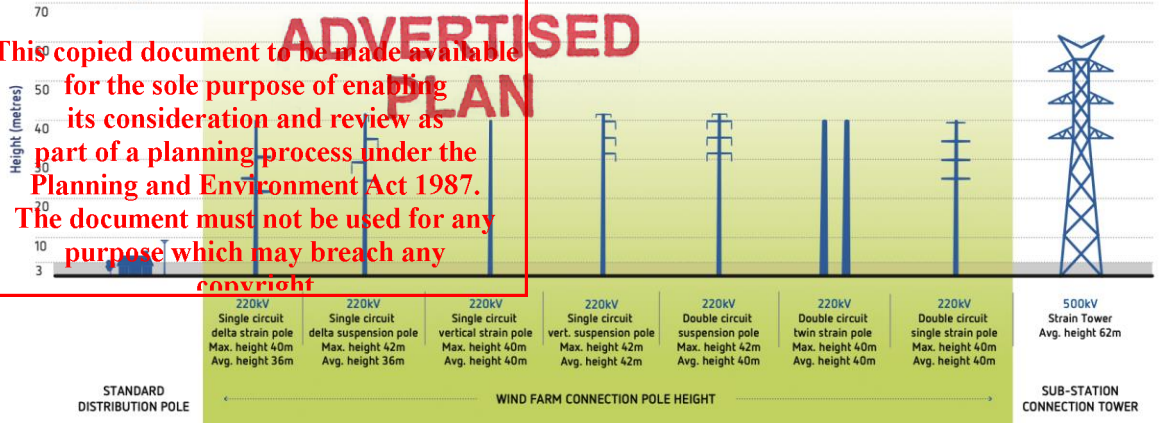


Date: 06/23/2020



**ADVERTISED  
PLAN**

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WIND FARM CONNECTION POLE HEIGHT

SUB-STATION CONNECTION TOWER