

APPENDIX A

LOCALITY MAPS AND PHOTOS

North-West



North



North-East



West



East



Site Photographs

South-West

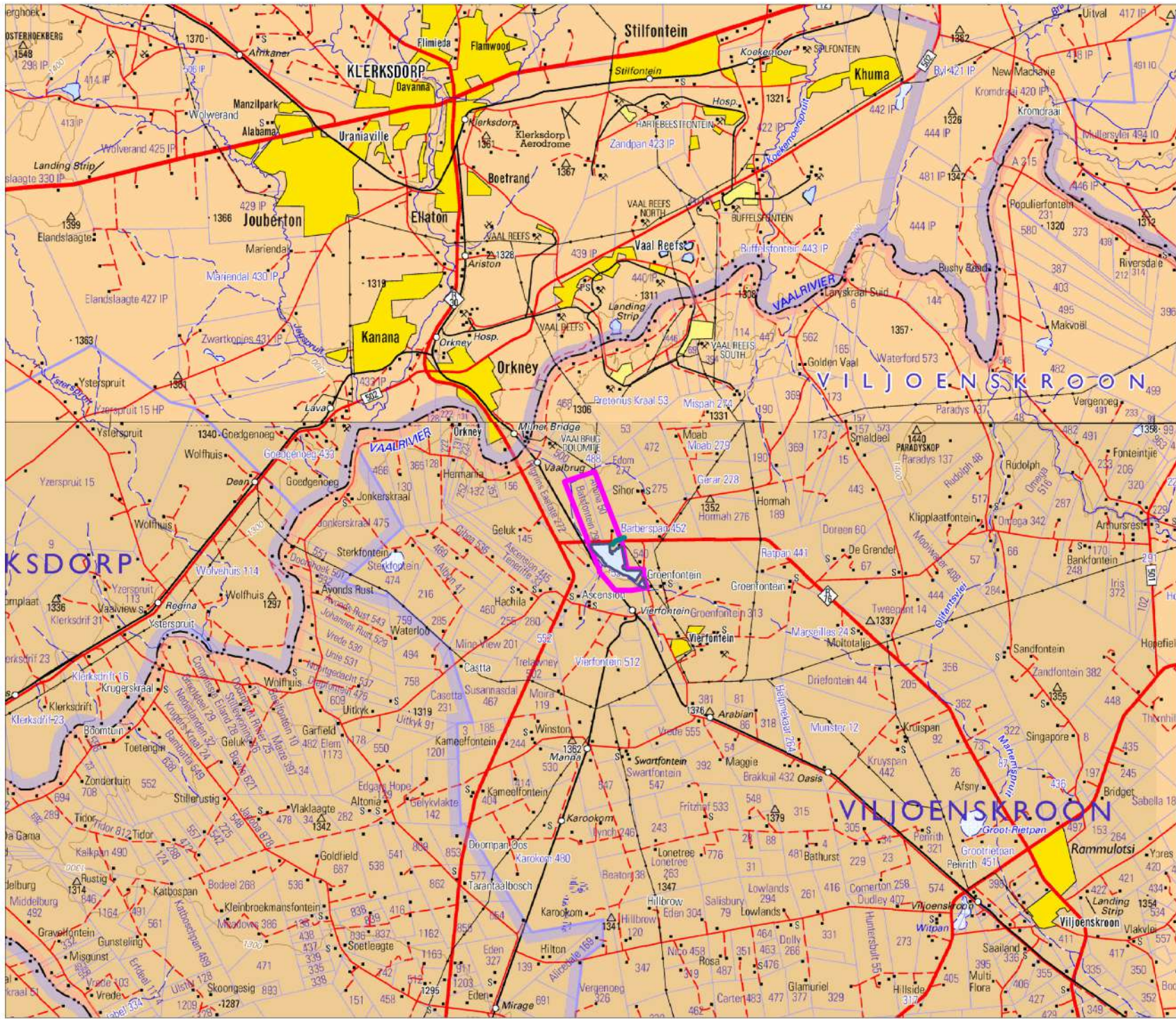


South



South-East





Altina 120MW Solar PV Project

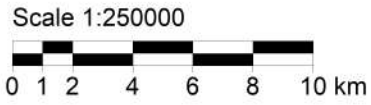
Regional Locality Map

Legend

ALTINA PV PROJECT

- Project Boundary
- PV Footprint Area
- HV Cable Route

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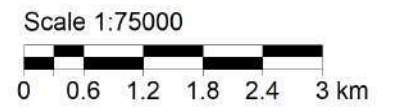
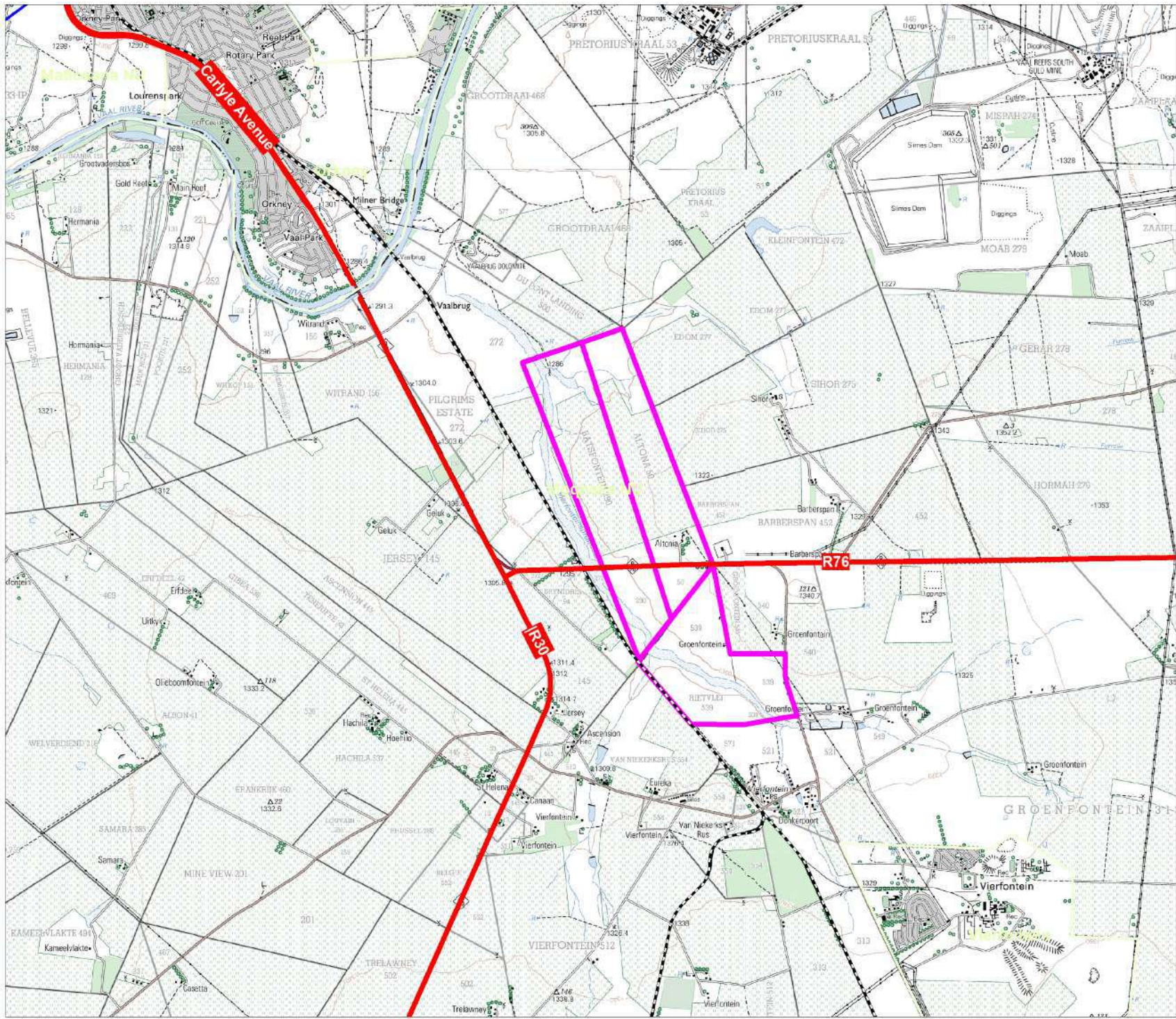


Altina 120MW Solar PV Project

Locality Map

Legend

- ALTINA PV PROJECT
- Railway Line
- Administrative
- Main Places



Altina 120MW Solar PV & BESS Project

Alternative Layout 1 Map

Legend

Watercourses

— Perennial River

— Non-perennial River

■ Dam

■ National Wetland Map 5

Altina Alternative 1 Layout

— Layout Features

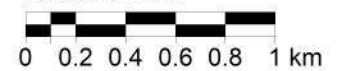


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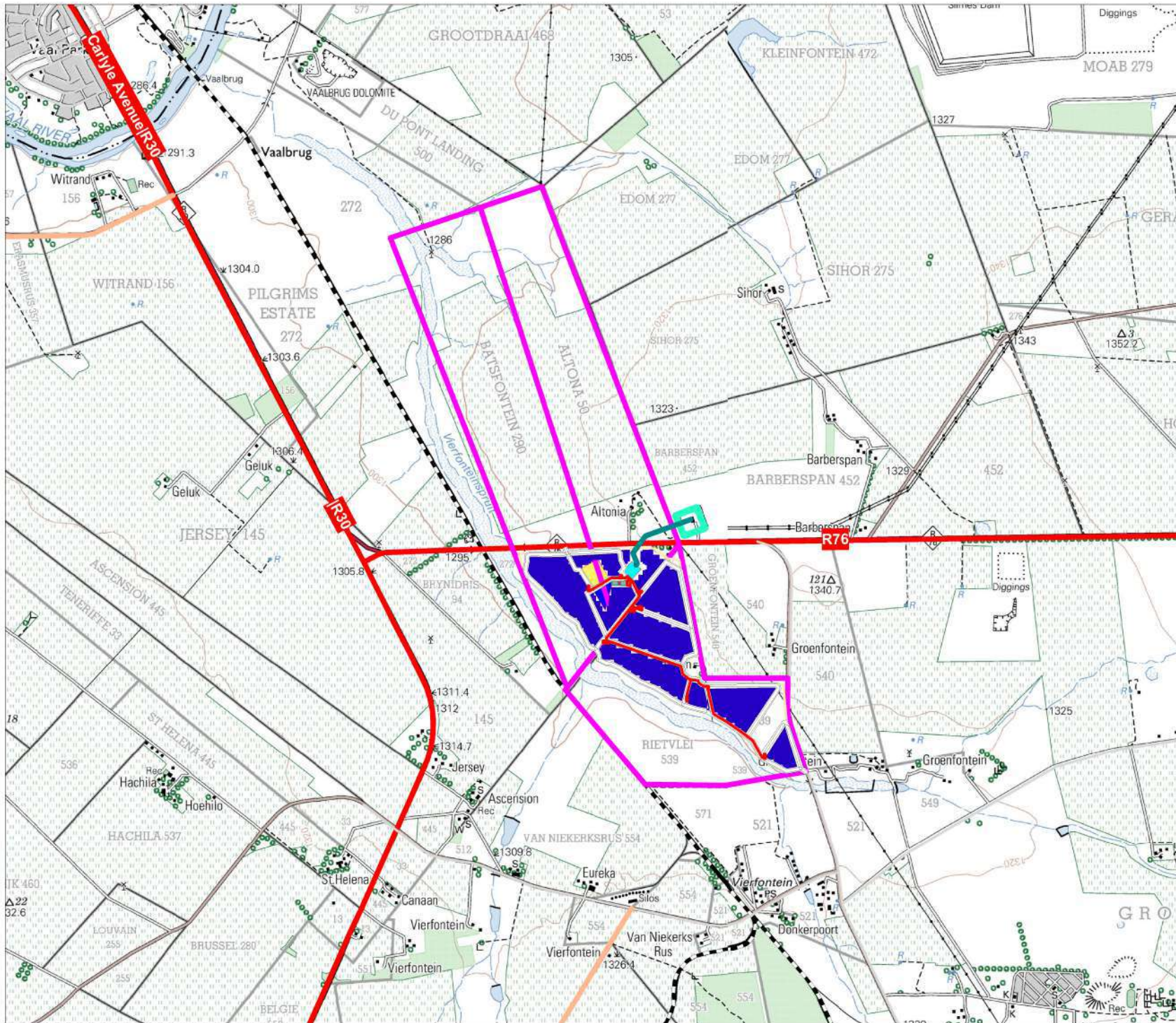
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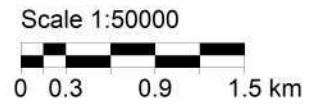
Altina 120MW Solar PV & BESS Project

Preferred Alternative Locality Map
Legend

- +— Railway Line
- ALTINA PV PROJECT**
- Property Boundary
- Existing Substation
- Altina Solar Revised Alternative 2 Layout**
- Fencing
- Hardened Area
- O&M Building
- Laydown Areas
- BESS
- Proposed Grid**
- Proposed Overhead Powerline
- On-Site Substation
- Solar Panels N/S
- Roads
- Inverters and Internal Cables



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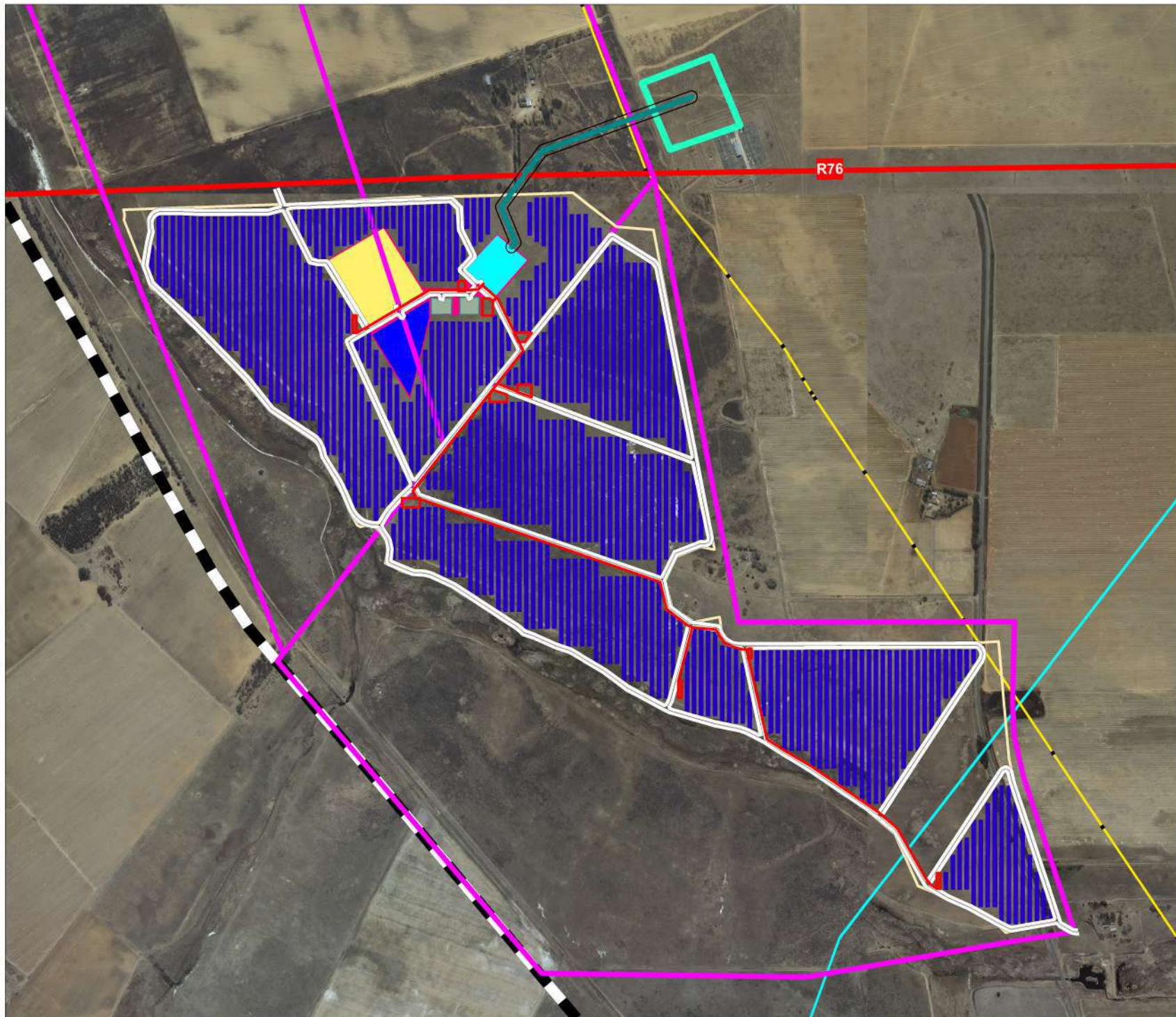


Altina 120MW Solar PV & BESS Project

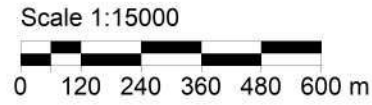
Preferred Alternative Layout Map

Legend

- Railway Line
- Main Transmission Powerline_existing
- Existing Power Lines
- ALTINA PV PROJECT**
- Property Boundary
- Existing Substation
- Altina Solar Revised Alternative 2 Layout**
- Fencing
- Hardened Area
- O&M Building
- Laydown Areas
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- 31m_servitude_132kV
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Alternative 1 Avifauna Sensitivity

Legend

SPECIALIST STUDIES

ALTINA

Avifaunal Sensitivity

High

Moderate

Low

Very Low

41m No-Go Buffer on High Sensitivity

Altina Old Layout

Altina Southern Block

Altina Central Block

Altina Northern Block

Plant Fence

HV Cable Route

BESS

O&M Building

Laydown Area

Facility Substation

Inverter Station

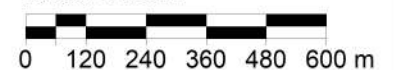
MV Cable Route 33 KV

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Scale 1:15000



Altina 120MW Solar PV & BESS Project

Alternative 1 Terrestrial Ecological Sensitivity

Legend

SPECIALIST STUDIES

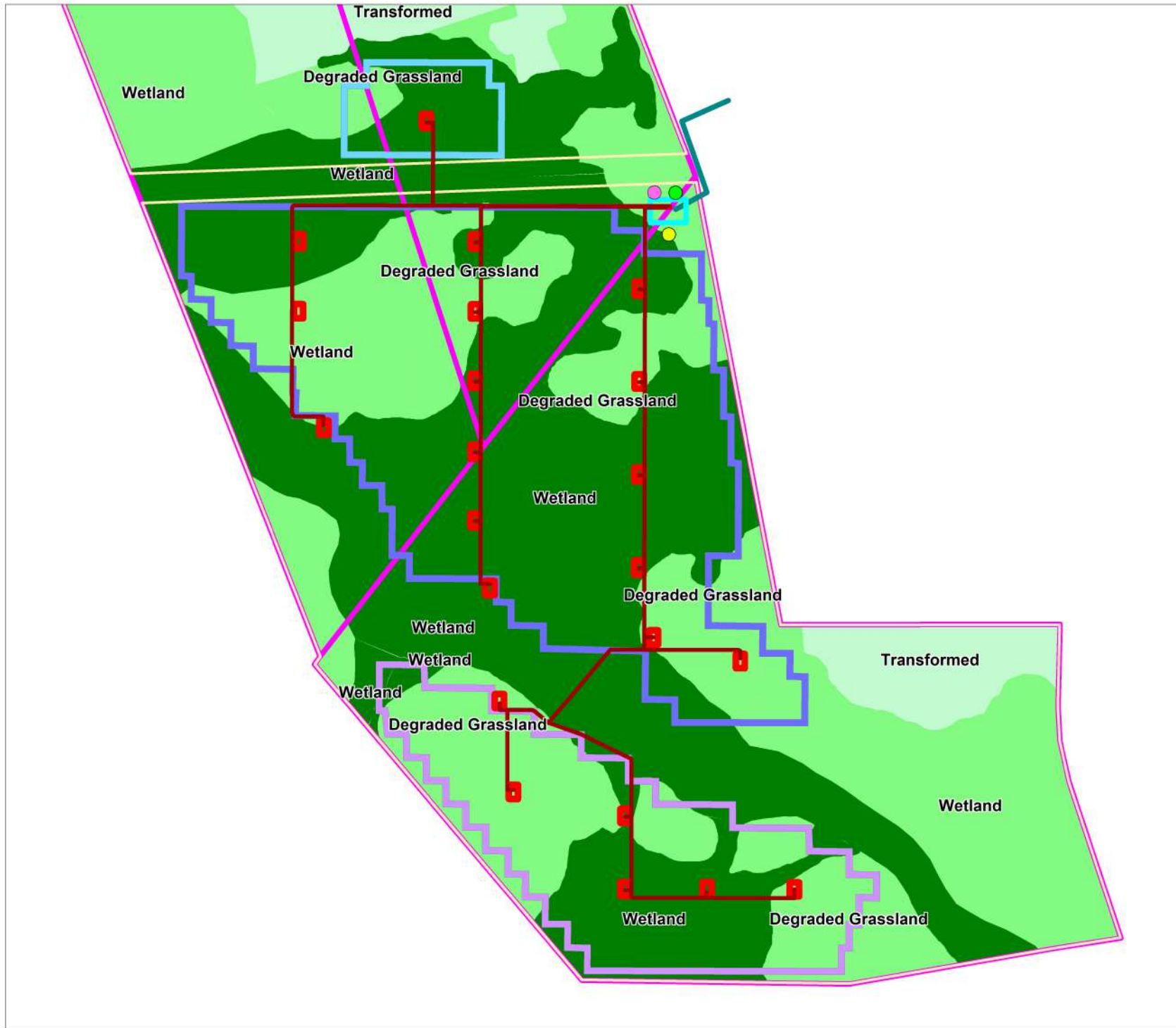
ALTINA

Terrestrial Ecological Sensitivity

- High
- Medium
- Low

Altina Old Layout

- Altina Southern Block
- Altina Central Block
- Altina Northern Block
- Plant Fence
- HV Cable Route
- BESS
- O&M Building
- Laydown Area
- Facility Substation
- Inverter Station
- MV Cable Route 33 KV

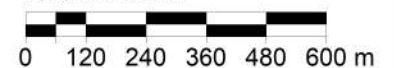


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Alternative 1 Wetland Sensitivity

Legend

SPECIALIST STUDIES

ALTINA

Wetland Sensitivity

- Very High
- High
- High Mod
- Moderate
- Low

Wetland Buffers

Altina Old Layout

- Altina Southern Block
- Altina Central Block
- Altina Northern Block

Plant Fence

HV Cable Route

BESS

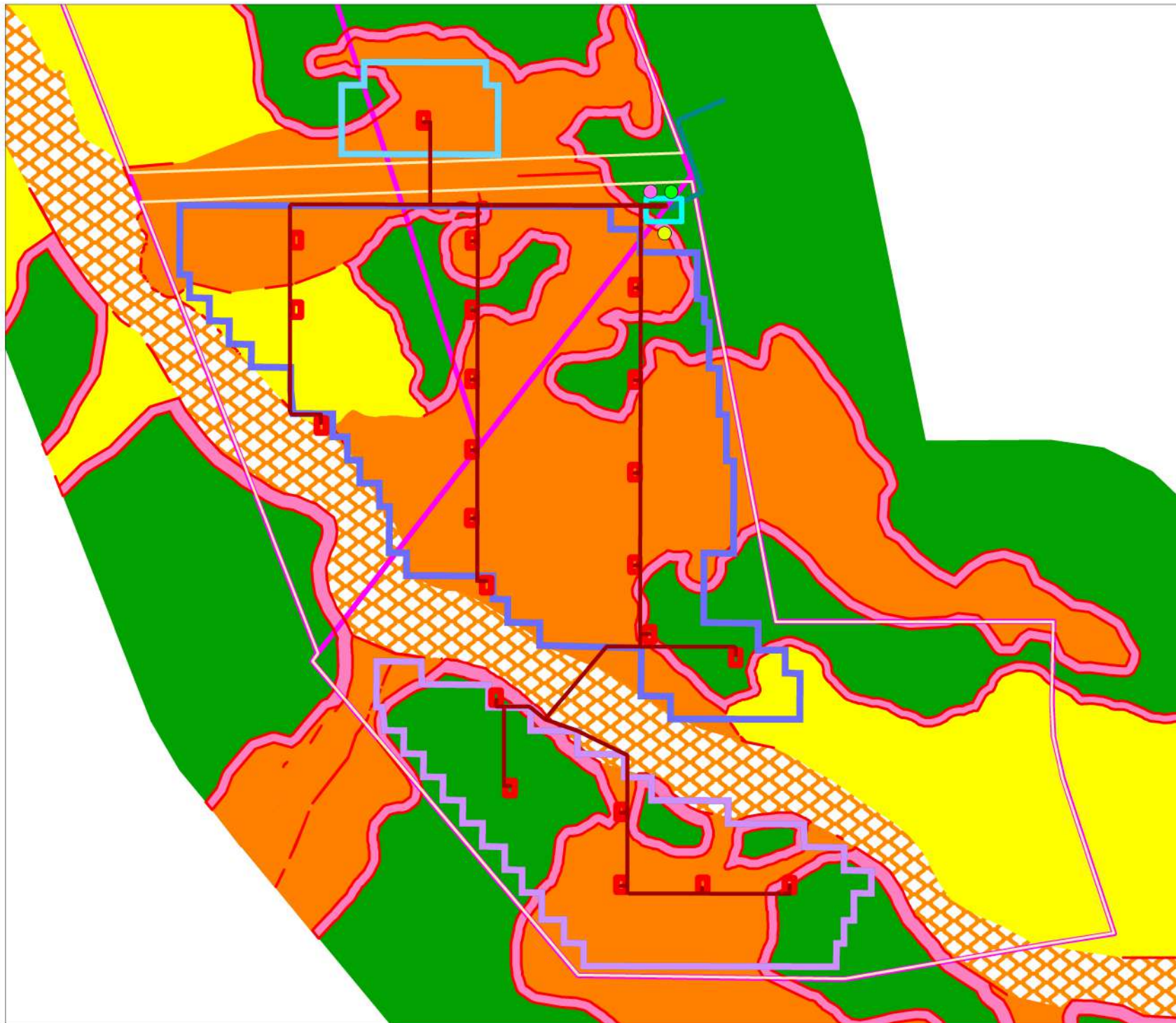
O&M Building

Laydown Area

Facility Substation

Inverter Station

MV Cable Route 33 KV

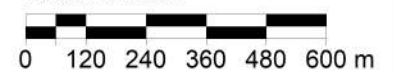


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Alternative 1 - Agricultural Sensitivity Map

Legend

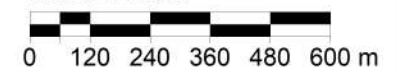
- Main Transmission Powerline_existing
- Existing Power Lines
- Railway Line
- SPECIALIST STUDIES**
- ALTINA**
- Agricultural Sensitivity**
- High
- Low
- Medium
- Altina Solar Alternative 1 Layout**
- Altina Southern Block
- Altina Central Block
- Altina Northern Block
- HV Cable Route
- BESS
- O&M Building
- Laydown Area
- Facility Substation
- Inverter Station
- Internal Road
- MV Cable Route 33 KV
- ALTINA PV PROJECT**
- Property Boundary
- Existing Substation

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Altina 120MW Solar PV & BESS Project

Alternative 1 - Combined Sensitivity Map

Legend

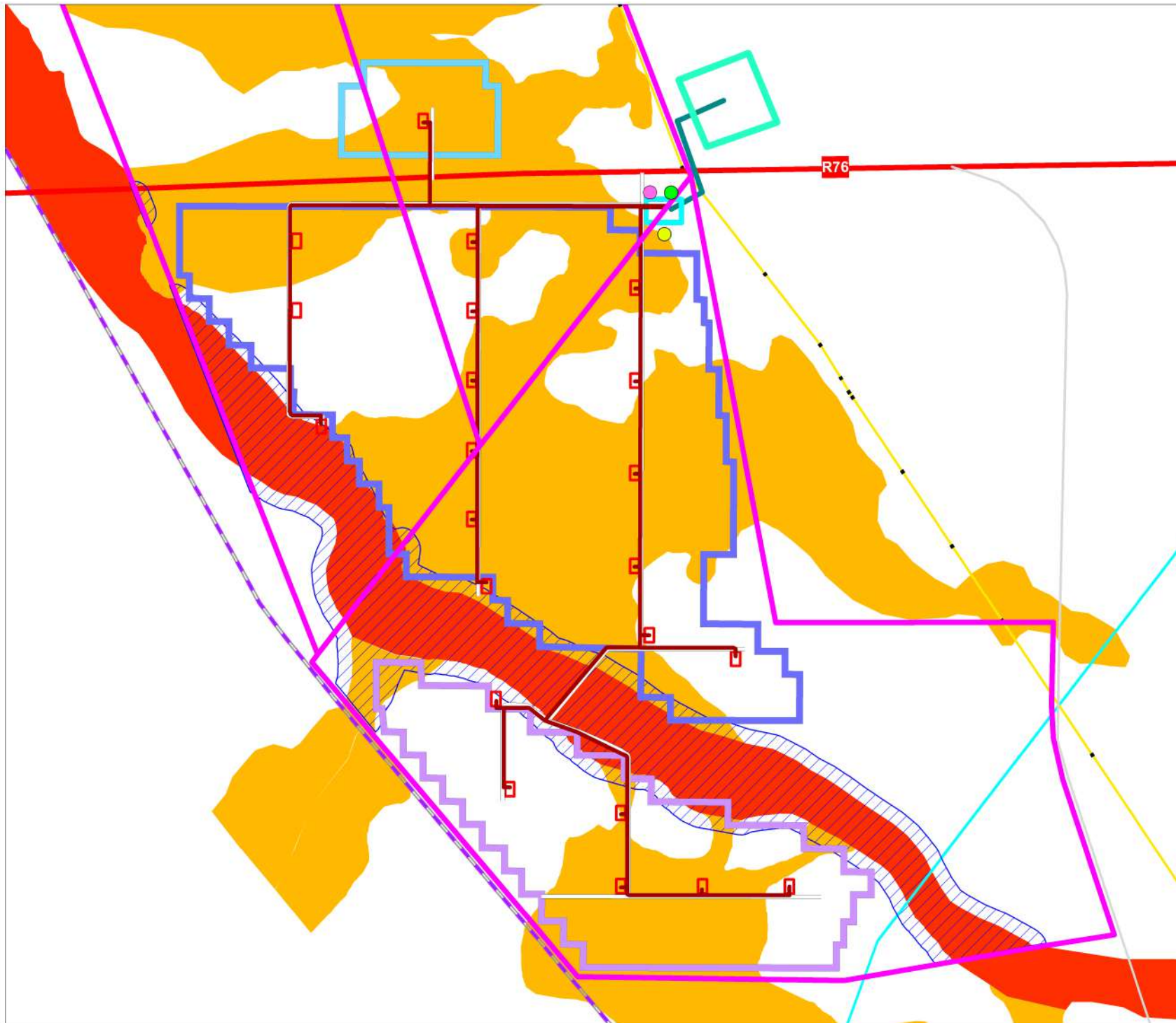
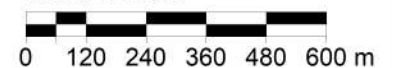
- Main Transmission Powerline_existing
- Existing Power Lines
- Railway Line
- SPECIALIST STUDIES**
- ALTINA**
- Combined Sensitivity**
- High
- Very High
- 41m No-Go Buffer on High Sensitivity
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Altina 120MW Solar PV & BESS Project

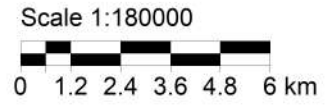
Alternative 1 - Cumulative Sensitivity Map

Legend

- REEA
 - REEA_OR_2021_Q4
 - Mine dump
 - Tailings Storage Facility
 - Main Transmission Powerline_existing
 - Existing Power Lines
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- SPECIALIST STUDIES
- ALTINA
 - Combined Sensitivity
 - Low
 - Medium
 - High
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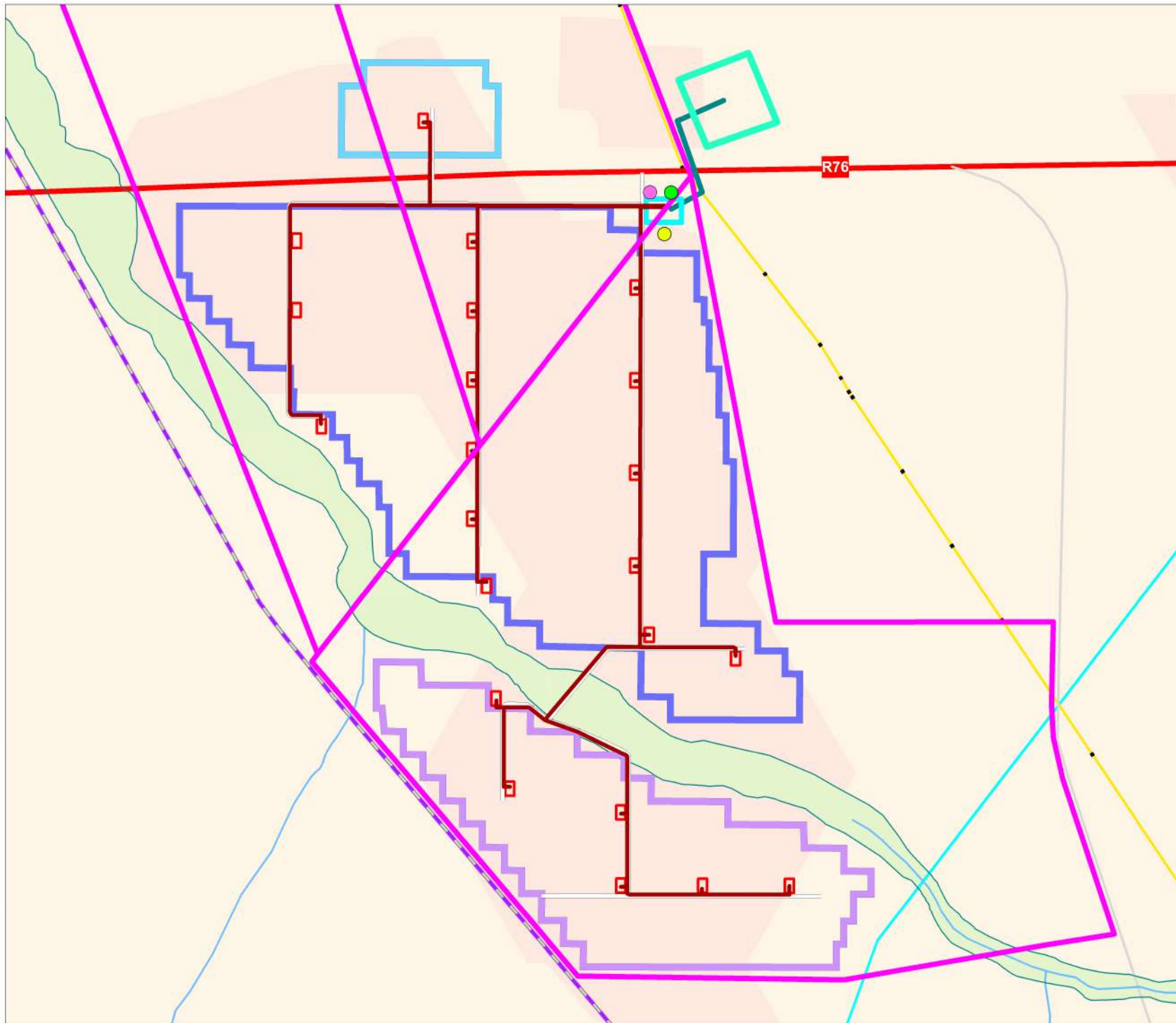


Altina 120MW Solar PV & BESS Project

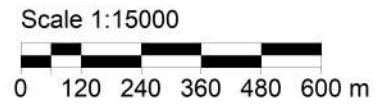
Alternative 1 - Desktop Sensitivity Map

Legend

- Main Transmission Powerline_existing
- Existing Power Lines
- Railway Line
- FS Biodiversity Plan PUs**
- CBA1
- Watercourses**
- Non-perennial River
- National Wetland Map 5
- Altina Solar Alternative 1 Layout**
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- NBA 2018 Threatened Ecosystems**
- Vaal-Vet Sandy Grassland



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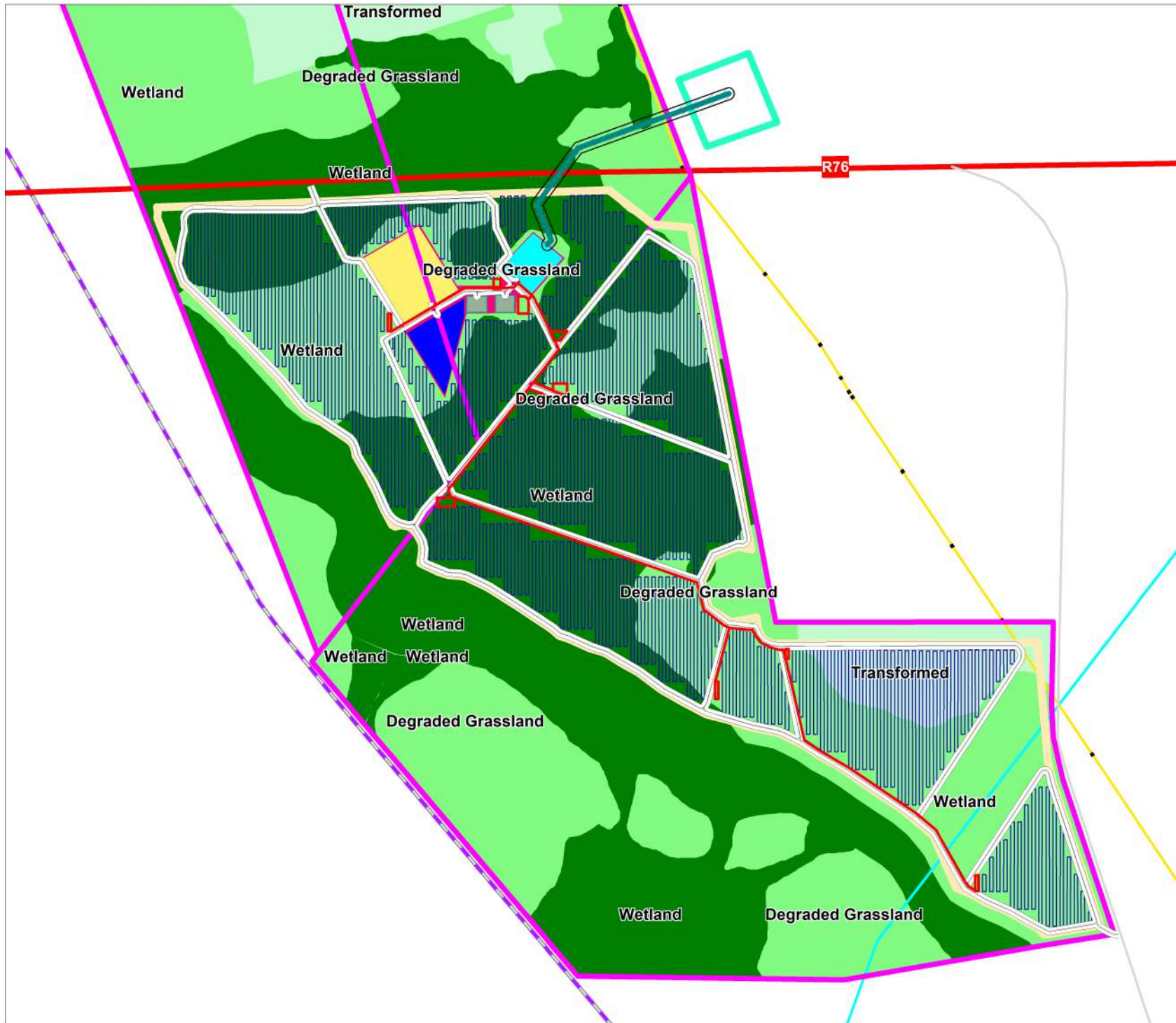
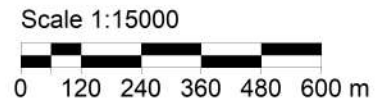
Altina 120MW Solar PV & BESS Project

Alternative 2 - Terrestrial Ecological Sensitivity Map

Legend

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- Existing Power Lines
- Railway Line
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Alternative 2 - Wetland Sensitivity Map

Legend

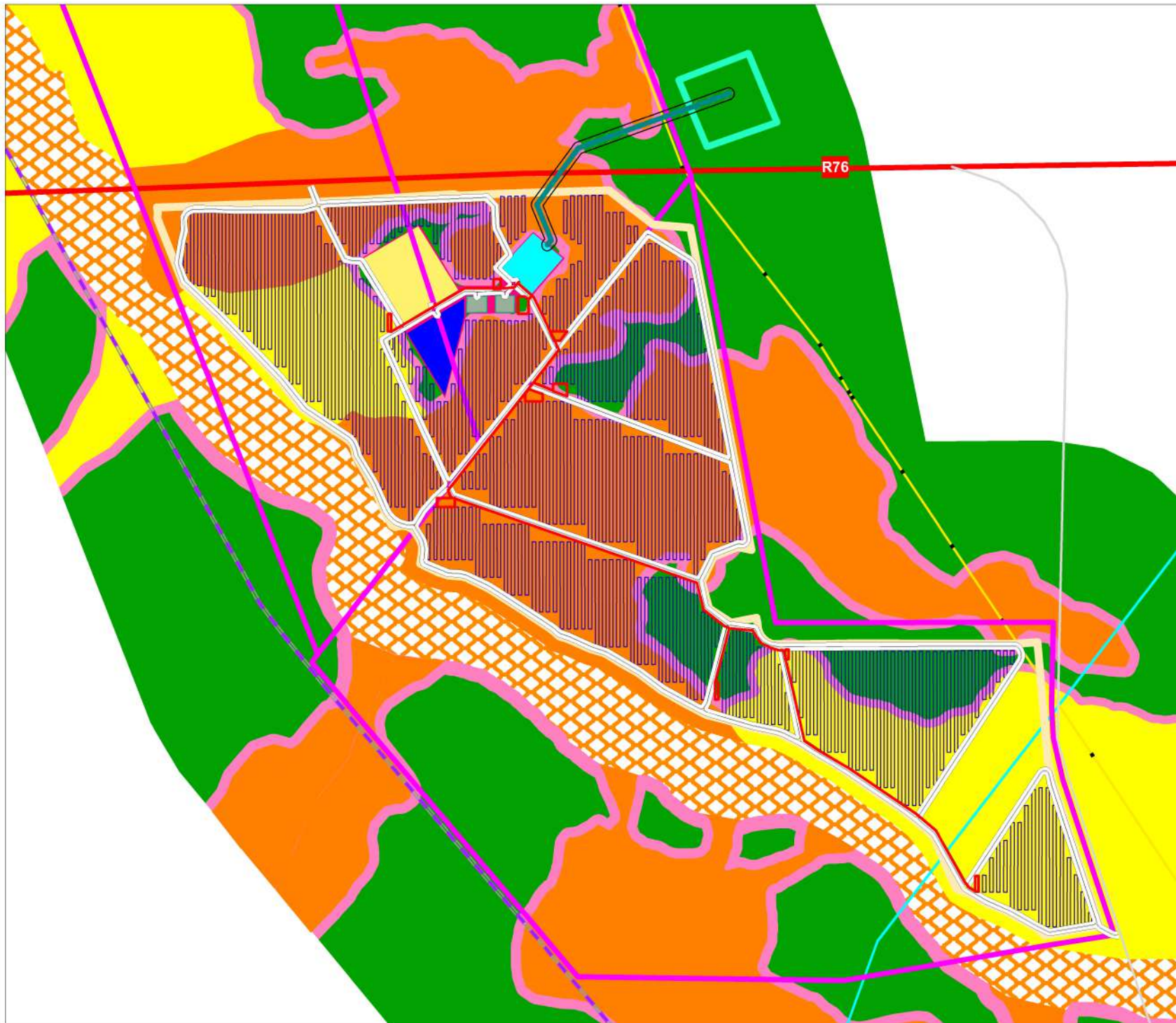
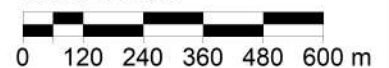
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- ALTINA**
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Alternative 2 - Avifauna Sensitivity Map

Legend

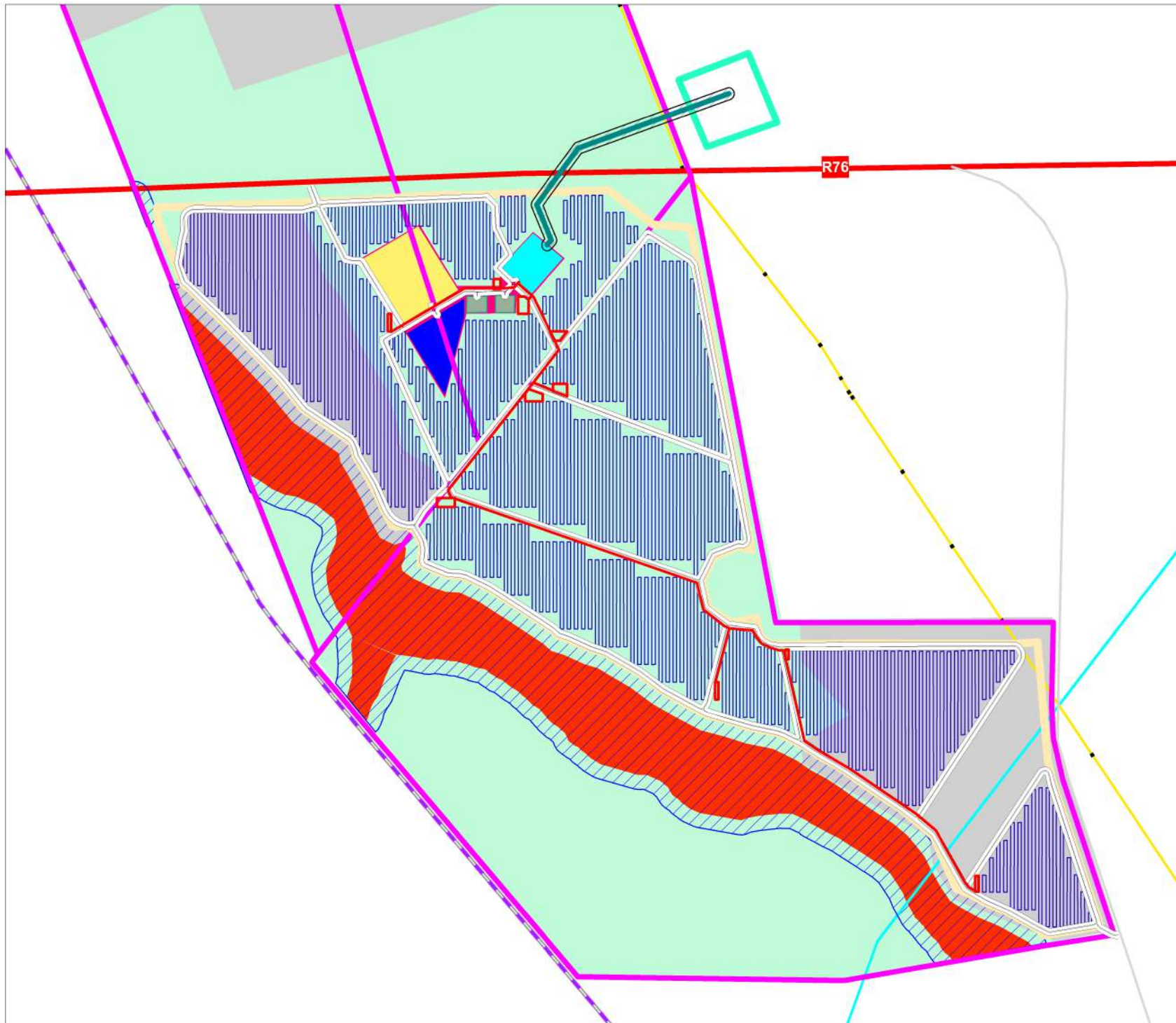
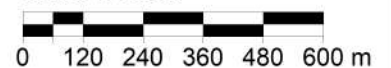
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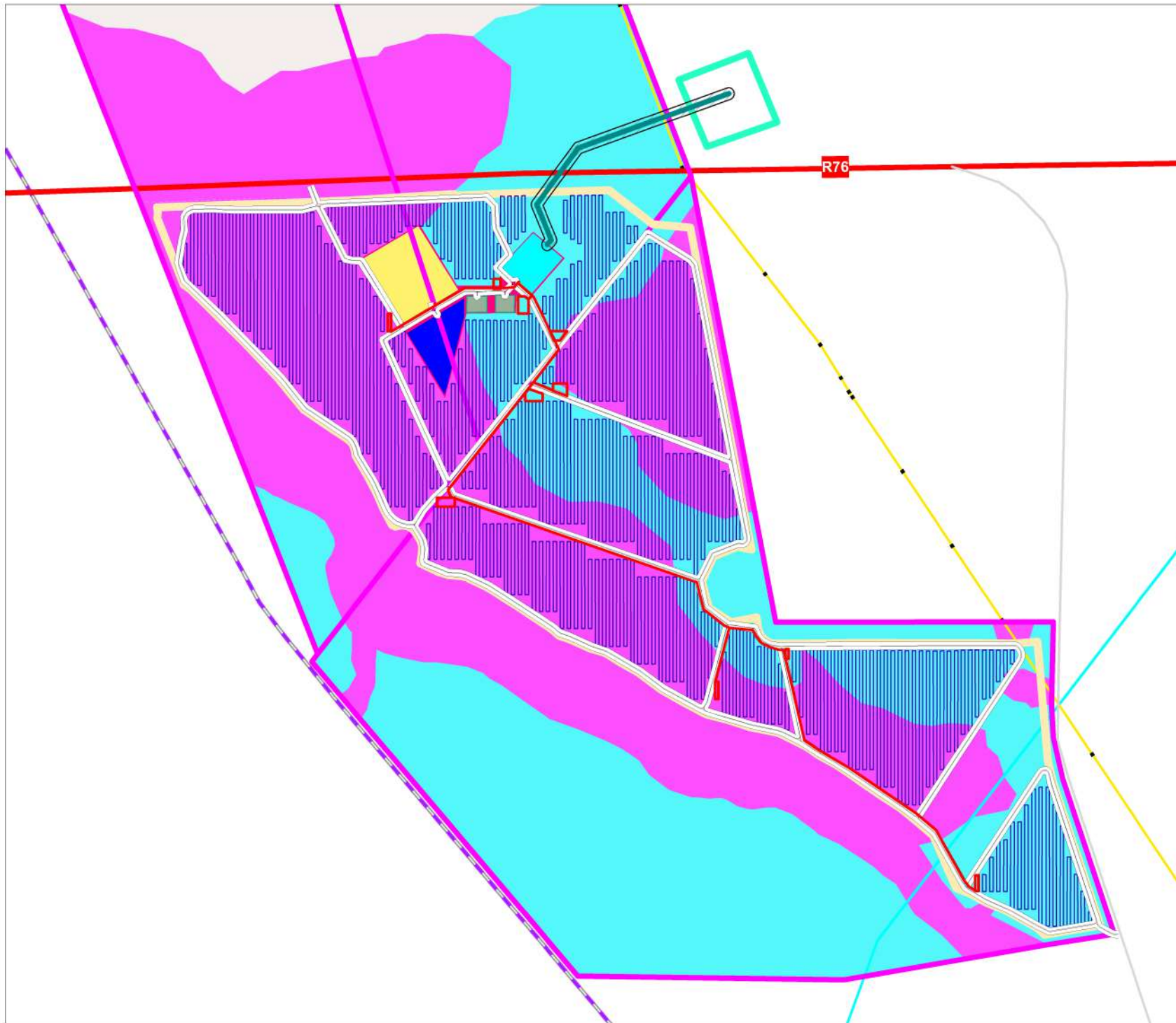
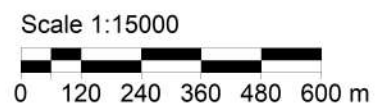
Altina 120MW Solar PV & BESS Project

Alternative 2 - Agricultural Sensitivity Map

Legend

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Altina 120MW Solar PV & BESS Project

Alternative 2 - Combined Sensitivity Map

Legend

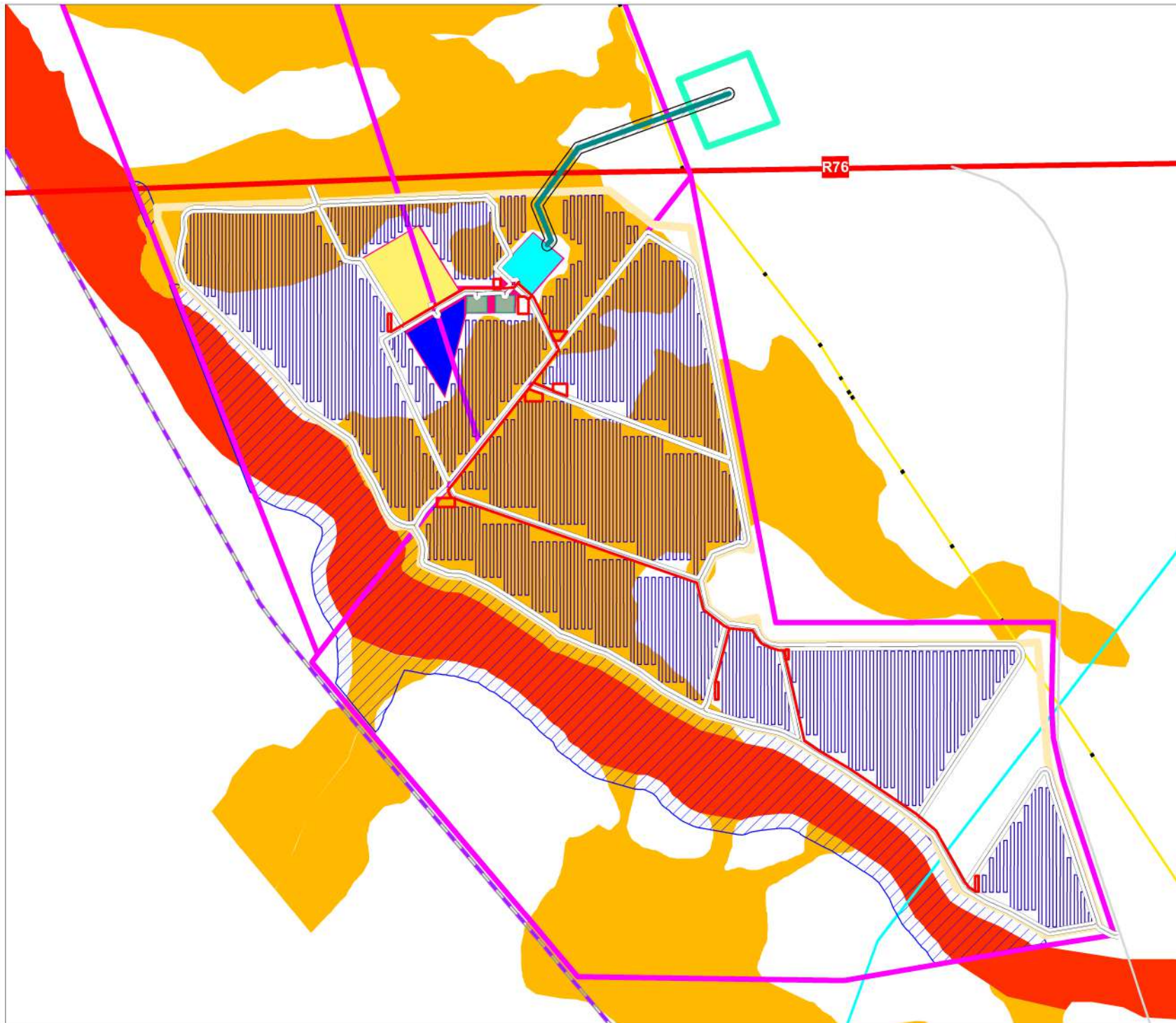
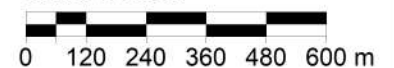
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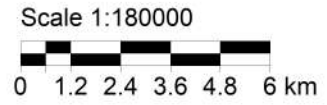
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