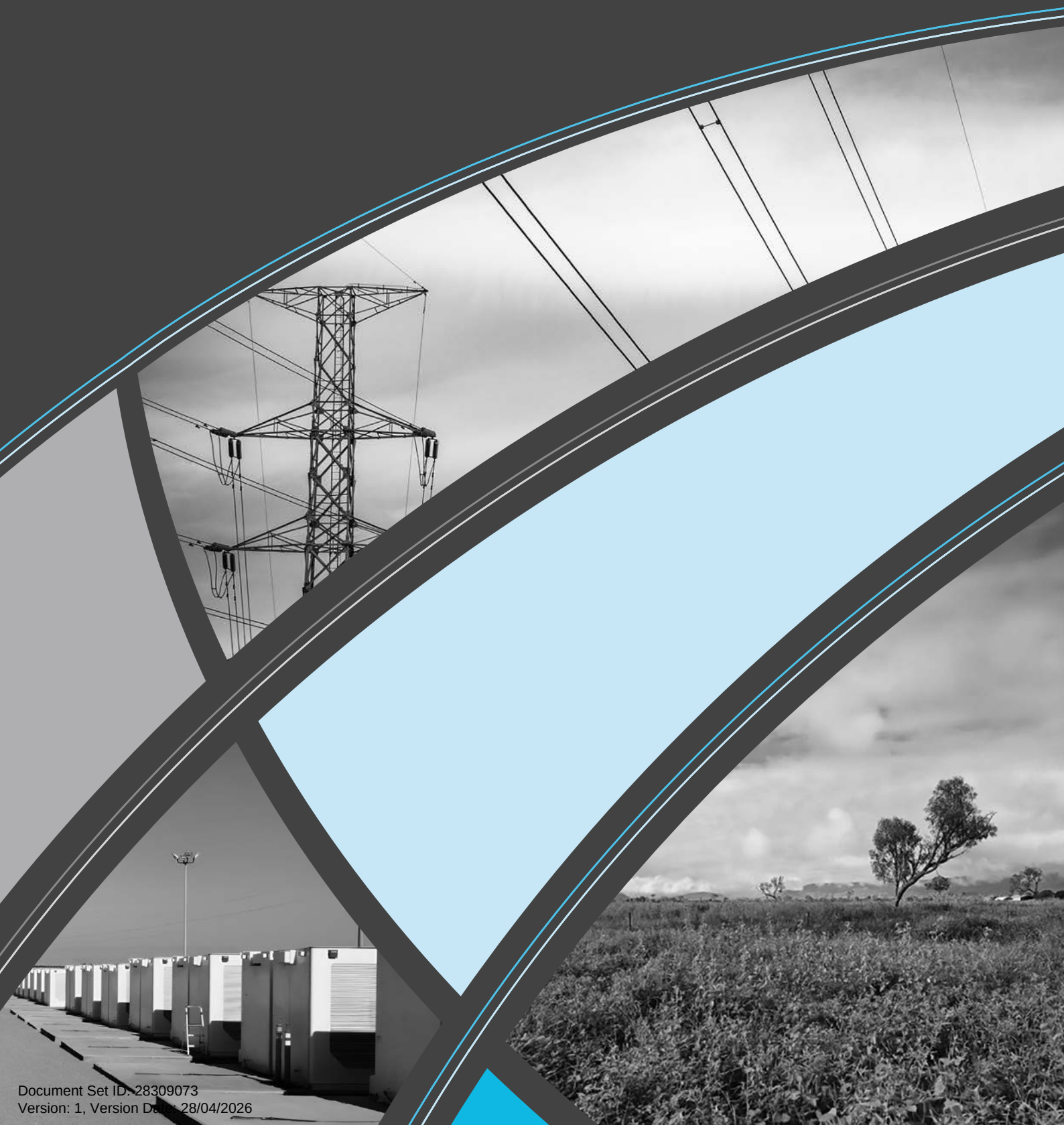
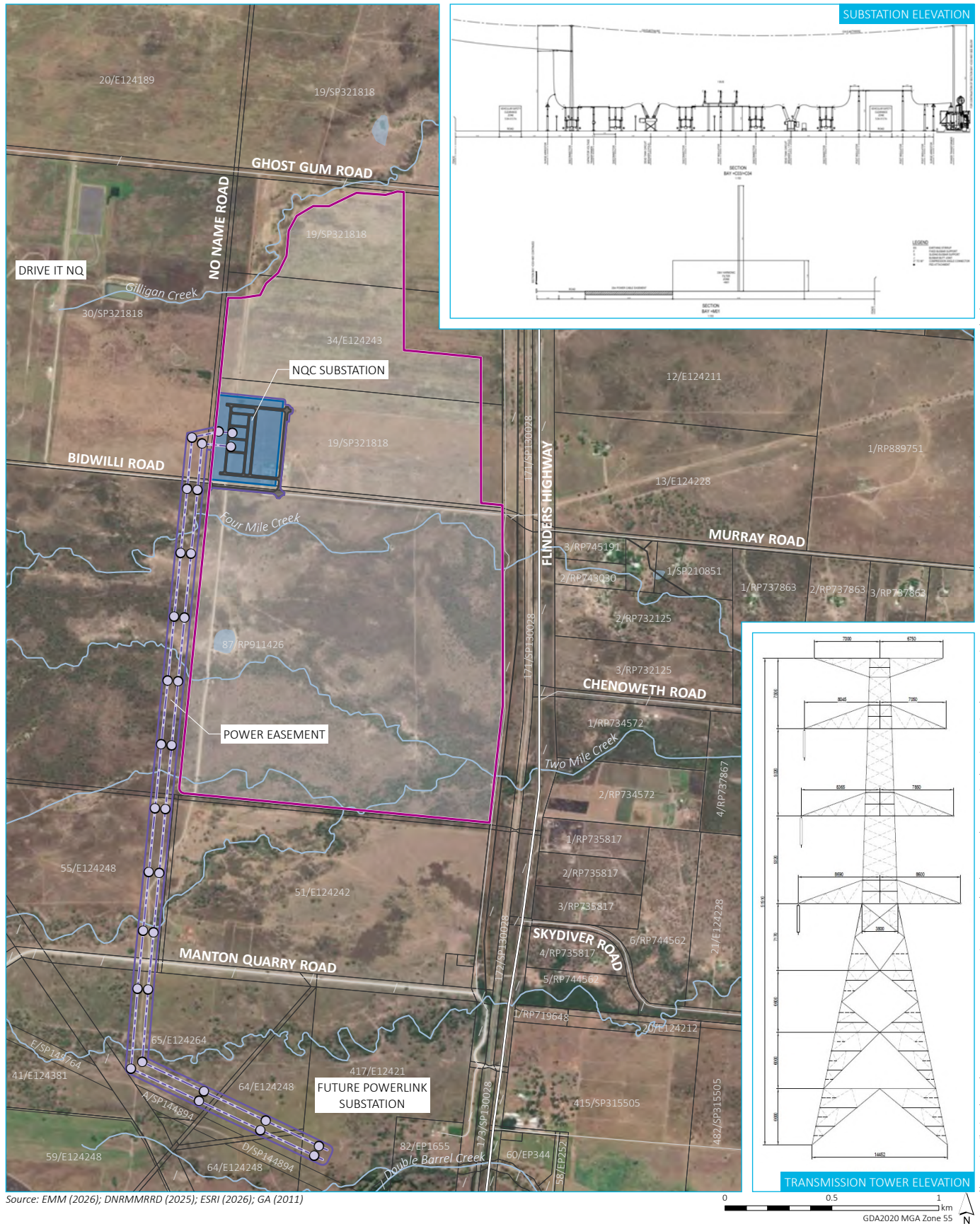


# C

## Relevant plans

---





## KEY

|                                                                                     |                                                                                                        |
|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|
| <span style="border: 2px solid pink; padding: 2px;"> </span> Northern Quartz Campus | <span style="background-color: #4682B4; border: 1px solid black; padding: 2px;"> </span> Substation    |
| <span style="border: 2px solid blue; padding: 2px;"> </span> Premises               | <span style="background-color: #808080; border: 1px solid black; padding: 2px;"> </span> Internal road |
| Existing environment                                                                | <span style="border-bottom: 2px solid blue;"> </span> Transmission line                                |
| <span style="border-bottom: 2px solid black;"> </span> Major road                   | <span style="border: 1px solid blue; border-radius: 50%; padding: 2px;"> </span> Transmission pole     |
| <span style="border-bottom: 1px solid grey;"> </span> Minor road                    |                                                                                                        |
| <span style="border-bottom: 1px solid blue;"> </span> Watercourse/drainage line     |                                                                                                        |
| <span style="border: 1px solid black; padding: 2px;"> </span> Cadastral boundary    |                                                                                                        |

## NOTES:

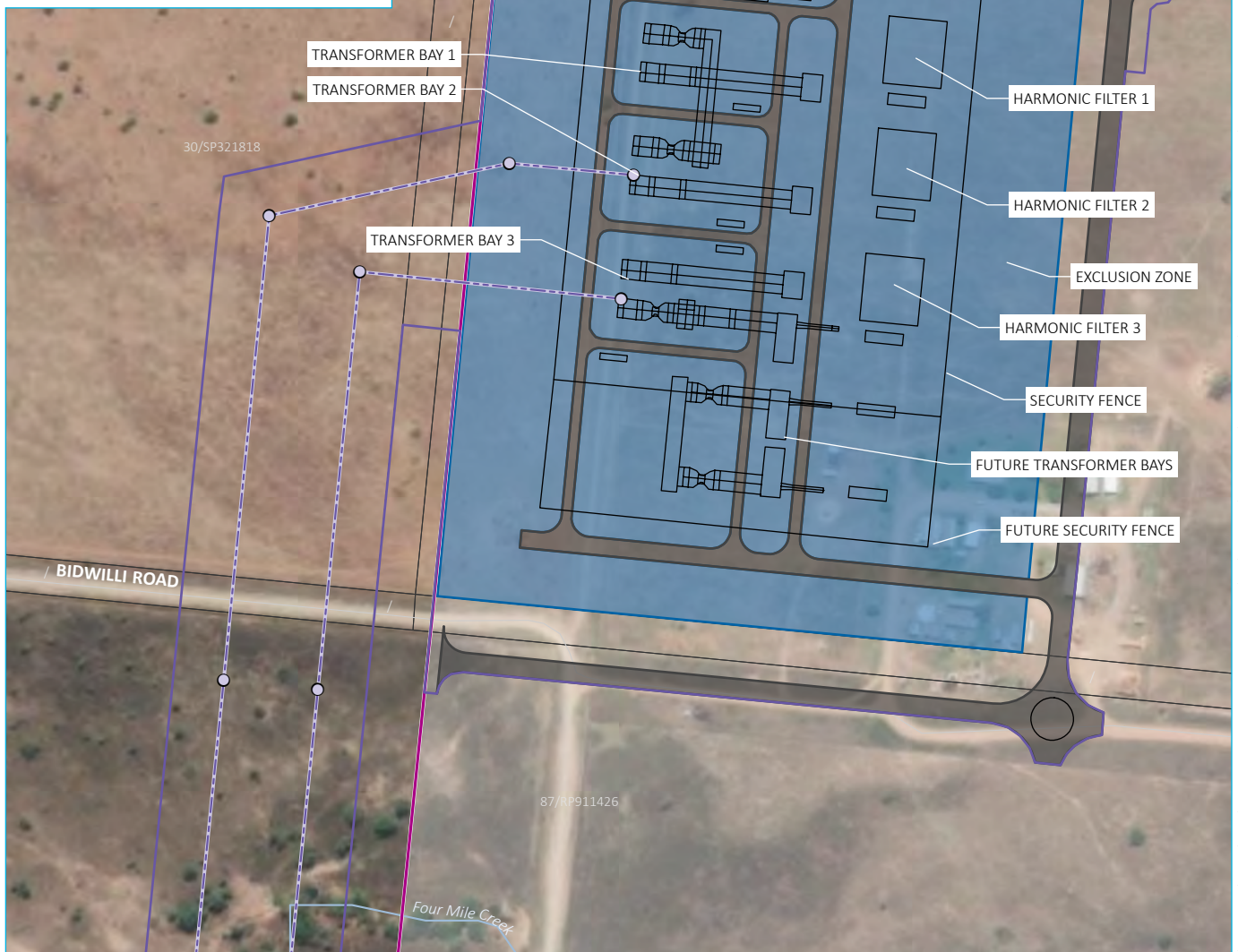
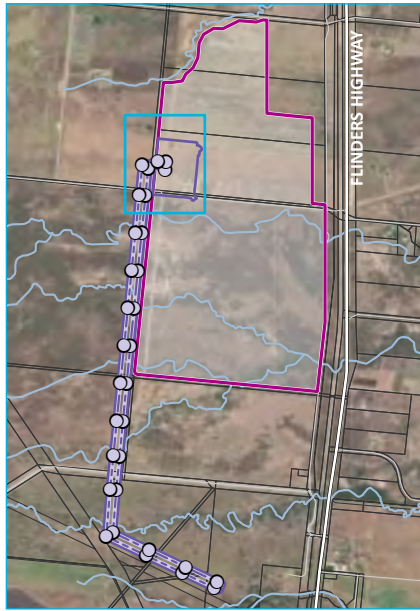
1. Development to be generally in accordance with the Relevant Plans herein.
  2. Premises boundary is subject to detailed site survey and final TCC LEIP design.
  3. An integrated construction approach to be adopted inclusive of the BESS development. This is subject to future operational works applications.
  4. The proposed site wide drainage philosophy considers the wider development that is inclusive of the BESS development and water management pond. The delivery will culminate in an integrated water management delivery method.
  5. NQC Substation - AIS or GIS subject to detailed design
  6. Transmission lines will connect into future PLQ Substation
  7. PLQ Substation (65/E124264) - design and approvals by others
  8. Tie-in point to Powerlink Calcium Substation is proposed to be located in the vicinity of Lots 65/E124264, Lot 64/E124248, Lot 417/E12421 (to be confirmed during detailed design).
- Therefore, the Transmission Line location across Lots 65/E124264, Lot 64/E124248, and Lot 417/E12421 is indicative only and subject to detailed design of the Calcium Substation.

## Project Layout

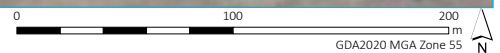
Northern Quartz Campus  
NQC Substation and Transmission Line  
Planning Assessment Report - Relevant Plans  
Figure 1



\\emm.local\drive\2025\E250401 - Project Green Poly MCU DAs\GIS\02\_Maps\_NQCSubTL\_RelevantPlans\RP001\_SubTLProjectPremise\_20260414\_03.aprx 14/04/2026



Source: EMM (2026); DNRMMRRD (2025); ESRI (2026); GA (2011)



## KEY

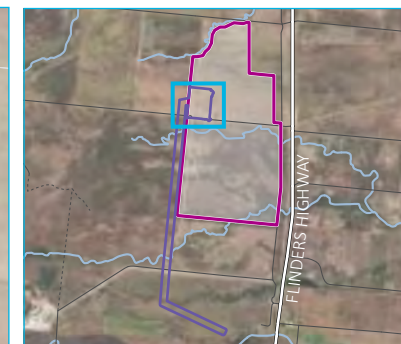
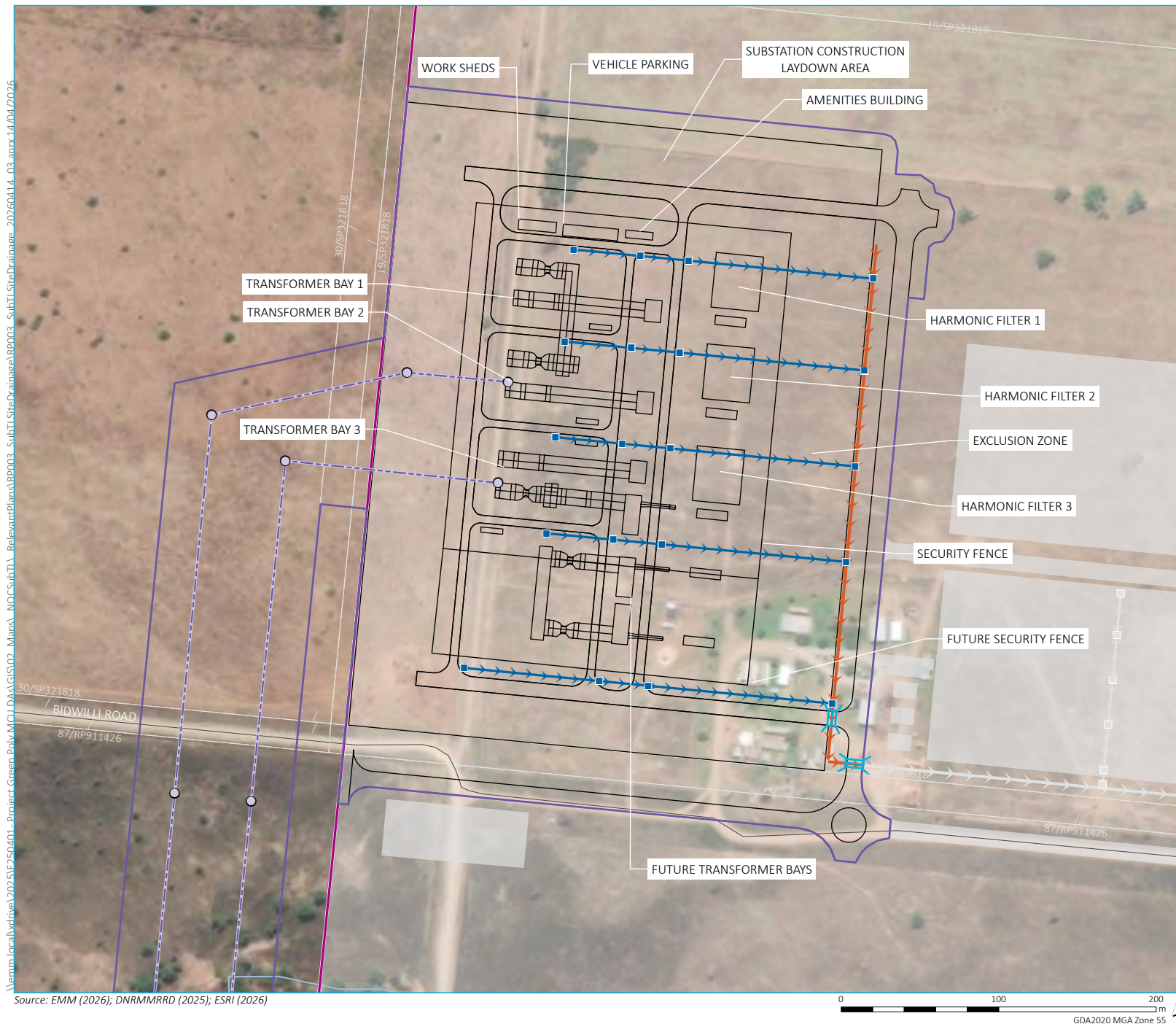
|                                                                                                     |                                                                                                      |
|-----------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|
| <span style="border: 2px solid magenta; padding: 2px;"> </span> Northern Quartz Campus              | <span style="color: grey;">—</span> Existing environment                                             |
| <span style="border: 2px solid blue; padding: 2px;"> </span> Premises                               | <span style="color: grey;">—</span> Minor road                                                       |
| Proposed site layout                                                                                | <span style="color: blue;">—</span> Watercourse/drainage line                                        |
| <span style="background-color: blue; border: 1px solid black; padding: 2px;"> </span> Substation    | <span style="background-color: lightblue; border: 1px solid black; padding: 2px;"> </span> Waterbody |
| <span style="background-color: grey; border: 1px solid black; padding: 2px;"> </span> Internal road | <span style="border: 1px solid black; padding: 2px;"> </span> Cadastral boundary                     |
| <span style="color: grey;">—</span> Substation infrastructure                                       |                                                                                                      |
| <span style="color: blue;">—</span> Transmission line                                               |                                                                                                      |
| <span style="color: blue;">●</span> Transmission pole                                               |                                                                                                      |

## Site infrastructure General arrangement

Northern Quartz Campus  
NQC Substation and Transmission Line  
Planning Assessment Report- Relevant Plans  
Figure 2



\\emmm.local\drive\2025\E250401- Project Green Poly MCU DAs\GIS\02\_Maps\NQCsubTL\RelevantPlans\RP002\_SubTLGeneralArrangement\RP002\_SubTLGeneralArrangement\_20260414\_03.aprx 14/04/2026



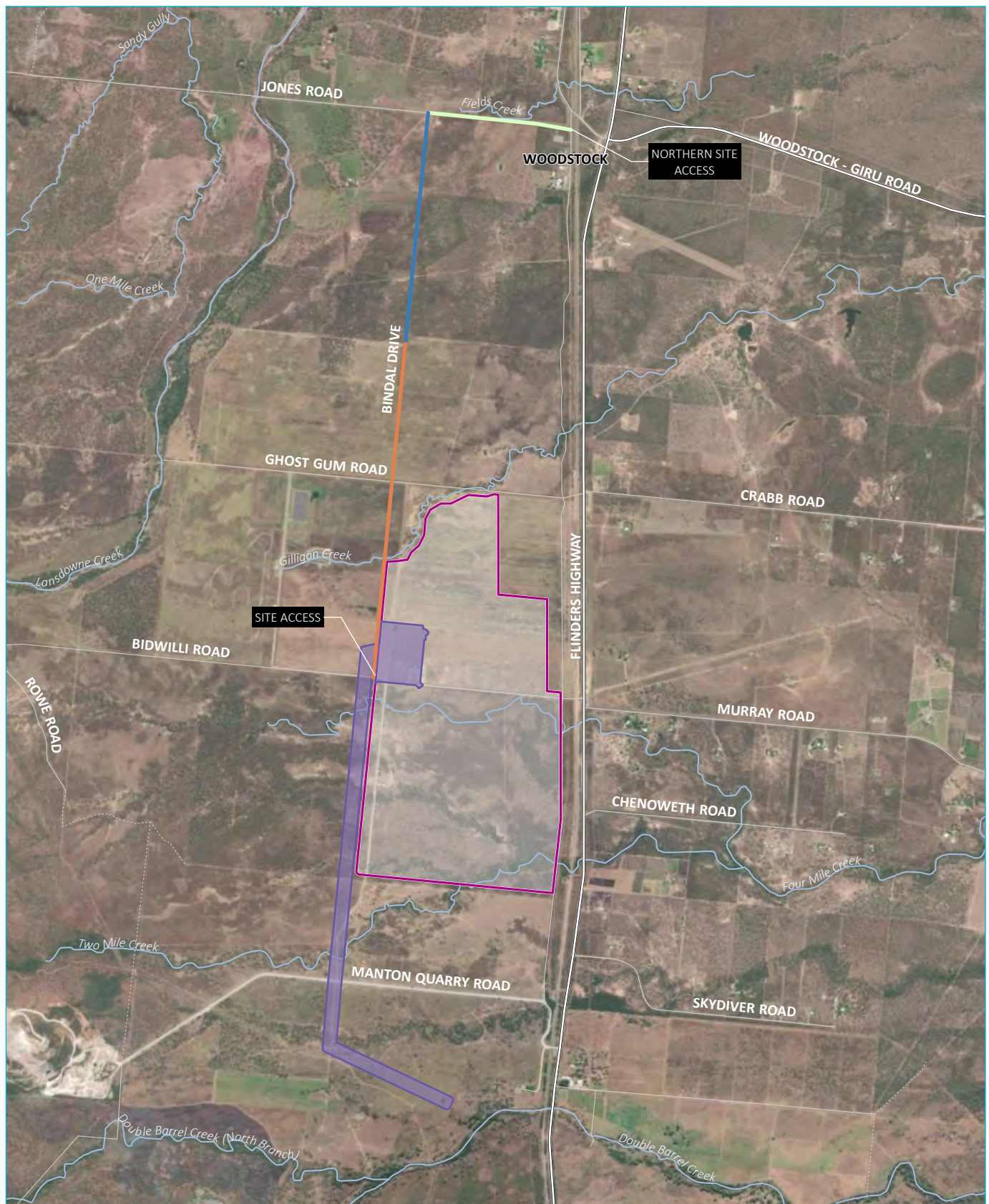
#### KEY

- ▬ Northern Quartz Campus
- ▬ Premises
- BESS area (separate package)
- Substation infrastructure
- Transmission line
- Transmission pole
- Proposed site drainage
  - Stormwater pit
  - Stormwater drainage pipe
  - Channel drain
  - Culvert
- Existing environment
  - Major road
  - Minor road
  - Vehicular track
  - Named watercourse
  - Cadastral boundary

Civil works  
Site drainage and runoff

Northern Quartz Campus  
NQC Substation and Transmission Line  
Planning Assessment Report- Relevant Plans  
Figure 3





Source: EMM (2026); DNRMMRRD (2025); ESRI (2026)

## KEY

- Northern Quartz Campus
- Premises
- Site access route
- Jones Road
- No named road- Internal road (constructed)
- No named road- Internal road (to be constructed)

- Existing environment
- Major road
- Minor road
- Vehicular track
- Named watercourse

## NOTES:

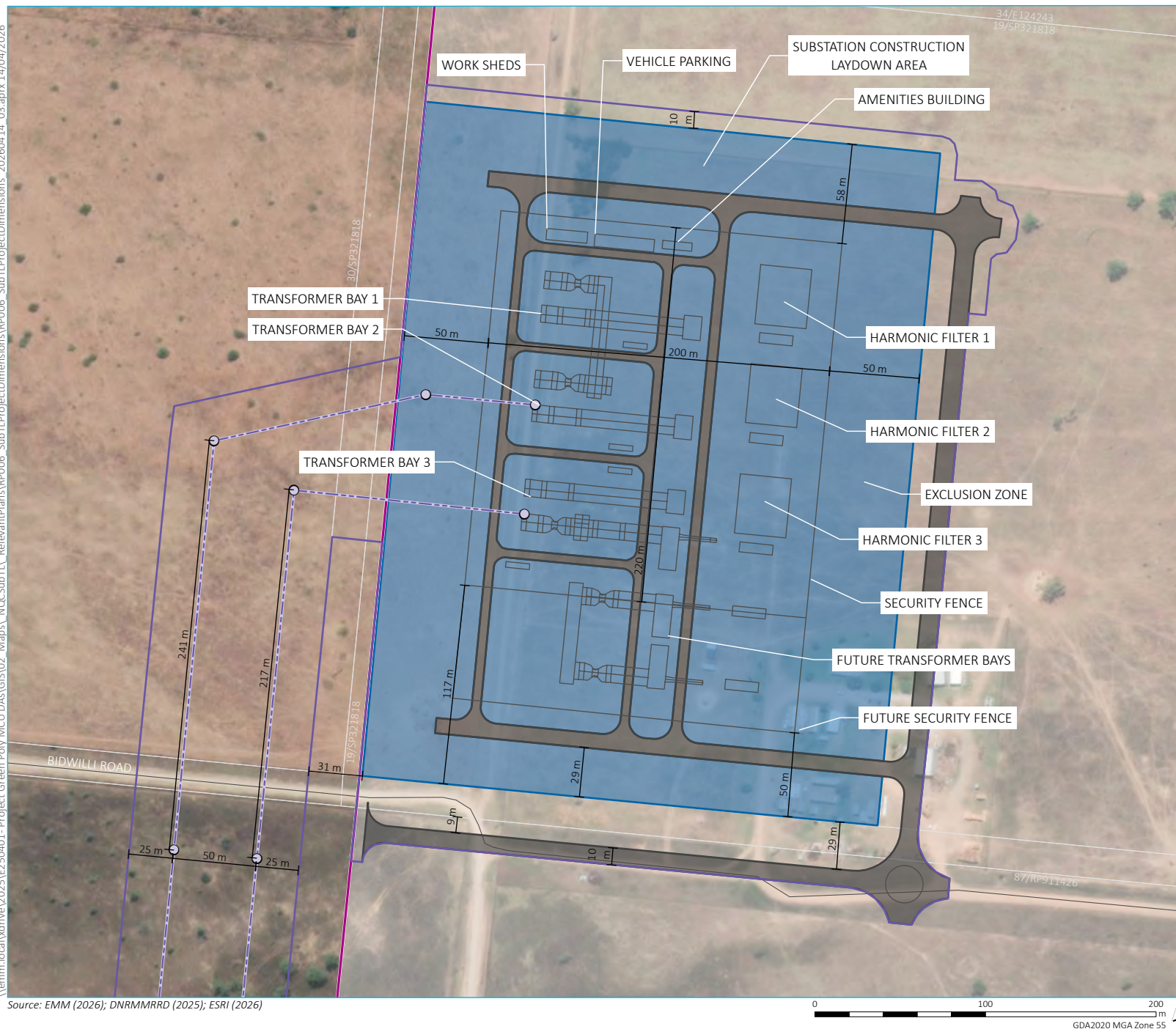
1. Northern Site Access intersection designed, constructed and delivered by others.
2. Construction and operational use of the Site Access point to be shared with the BESS development.

## Site access plan

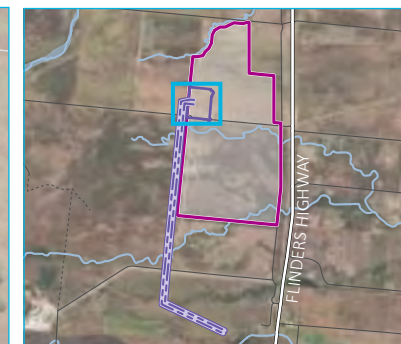
Northern Quartz Campus  
 NQC Substation and Transmission Line  
 Planning Assessment Report- Relevant Plans  
 Figure 4



\\emm.local\vdrive\2025\E250401 - Project Green Poly MCU DAs\GIS\02\_Maps\ NQCSubTL\_RelevantPlans\RP006\_SubTLProjectDimensions\_20260414\_03.aprx 14/04/2026



Source: EMM (2026); DNRMMRRD (2025); ESRI (2026)



## KEY

■ Northern Quartz Campus

■ Premises

— Distance

Proposed site layout

■ Substation

■ Internal road

— Substation infrastructure

— Transmission line

○ Transmission pole

Existing environment

— Major road

— Minor road

... Vehicular track

— Named watercourse

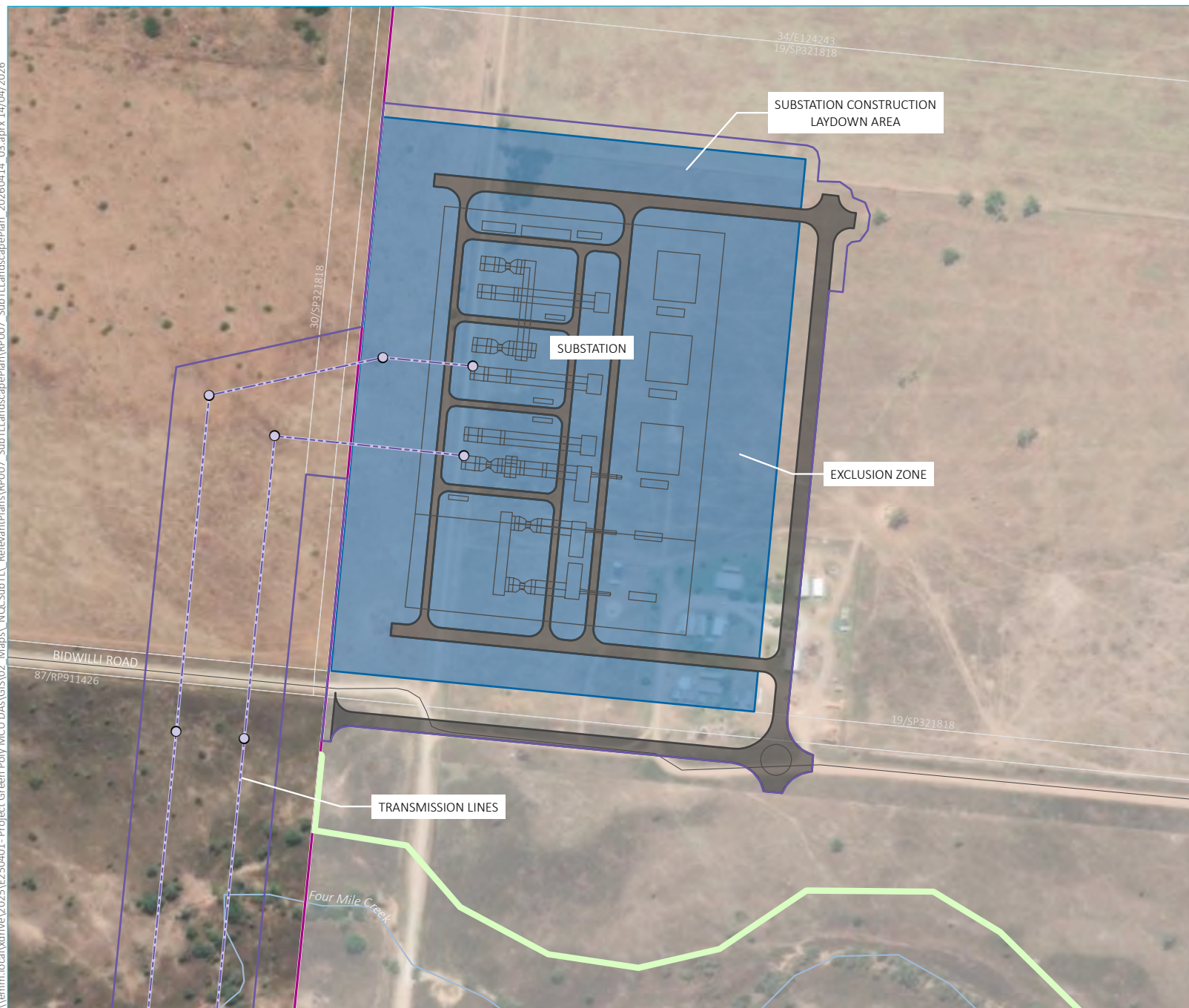
□ Cadastral boundary

## Dimensions plan

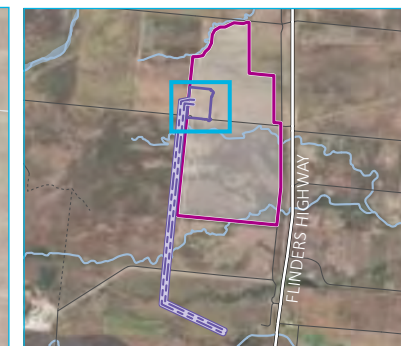
Northern Quartz Campus  
 NQC Substation and Transmission Line  
 Planning Assessment Report- Relevant Plans  
 Figure 5



\\emm.local\drive\2025\E250401 - Project Green Poly MCU DAs\GIS\02\_Maps\ NQCSubTL\ RelevantPlans\RP007\_SubTL LandscapePlan\RP007\_SubTL LandscapePlan\_20260414\_03.aprx 14/04/2026



Source: EMM (2026); DNRMMRRD (2025); ESRI (2026)



# KEY

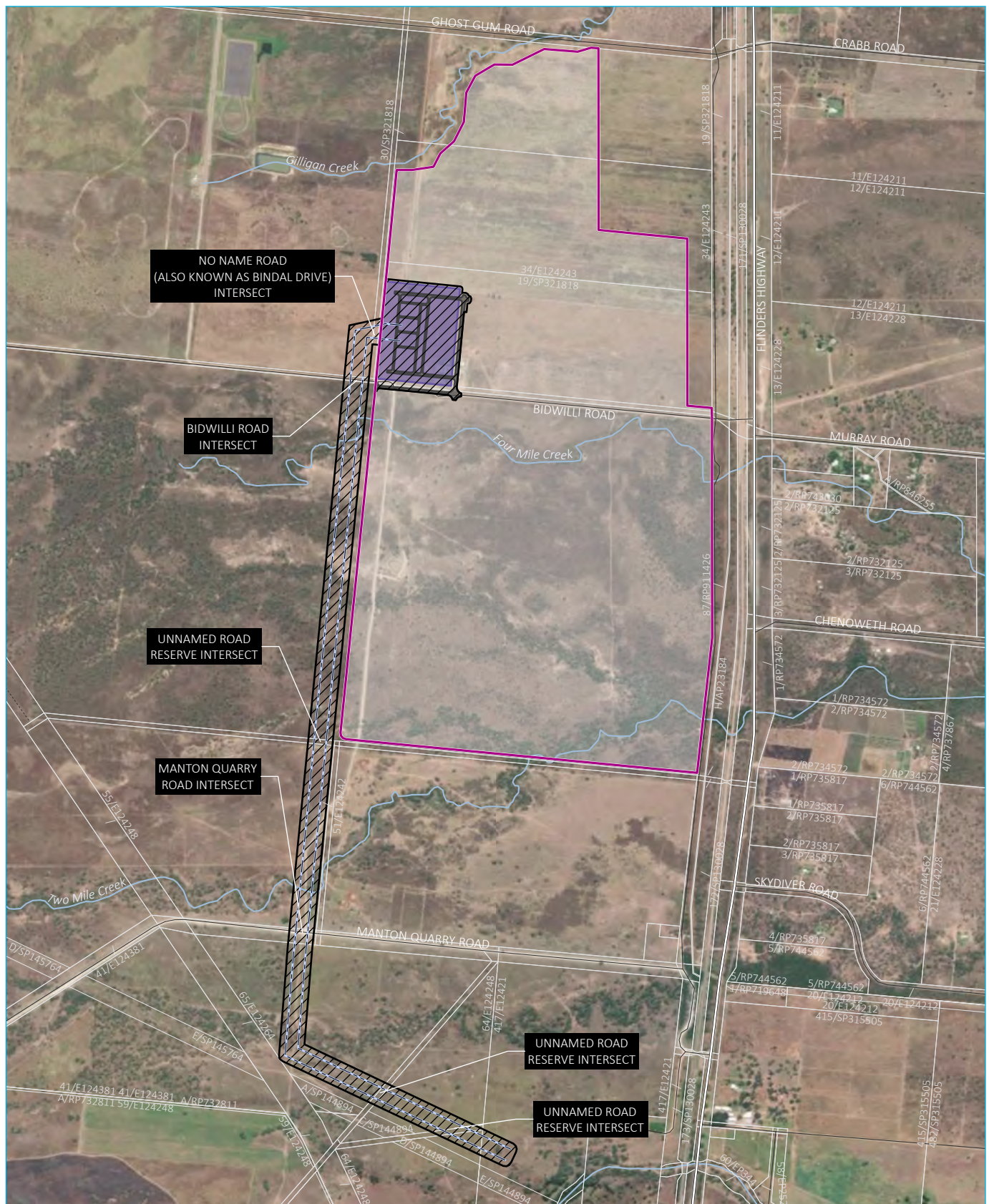
- Northern Quartz Campus
- Premises
- Landscape zone
- Proposed site layout
  - Substation
  - Internal road
  - Substation infrastructure
  - Transmission line
  - Transmission pole
- Existing environment
  - Major road
  - Minor road
  - Vehicular track
  - Named watercourse
  - Cadastral boundary

Concept landscape plan

Northern Quartz Campus  
 NQC Substation and Transmission Line  
 Planning Assessment Report- Relevant Plans  
 Figure 6



0 100 200  
 m  
 GDA2020 MGA Zone 55



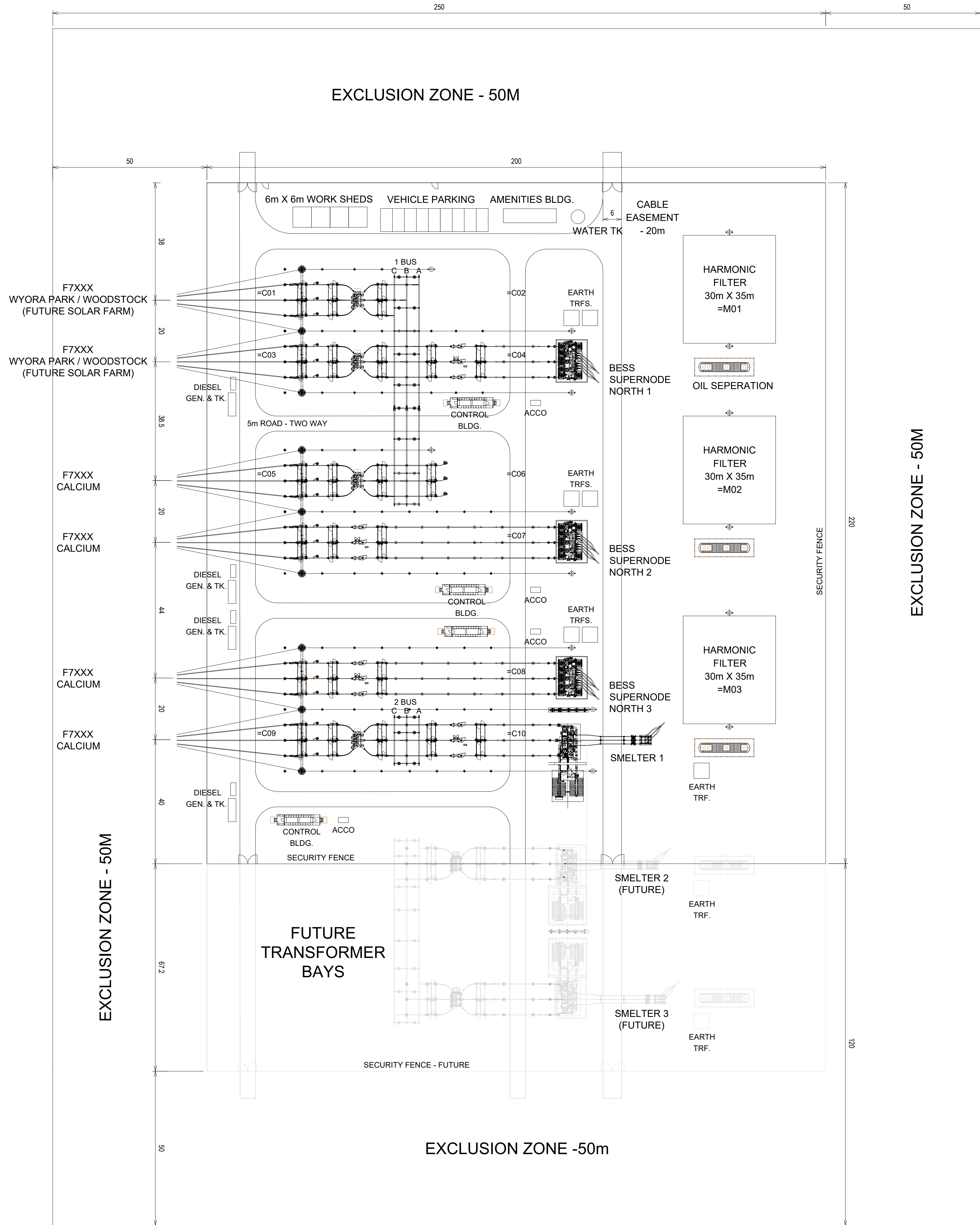
## KEY

|                                                                                                                                           |                                                                                                                         |
|-------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| <span style="border: 2px solid pink; display: inline-block; width: 20px; height: 10px;"></span> Project area                              | <span style="background-color: #d3d3d3; display: inline-block; width: 20px; height: 10px;"></span> Existing environment |
| <span style="background-color: #d3d3d3; border: 2px solid black; display: inline-block; width: 20px; height: 10px;"></span> Premises      | <span style="border-bottom: 2px solid black; display: inline-block; width: 20px;"></span> Major road                    |
| <span style="background-color: #d3d3d3; border: 2px solid blue; display: inline-block; width: 20px; height: 10px;"></span> Substation     | <span style="border-bottom: 2px solid gray; display: inline-block; width: 20px;"></span> Minor road                     |
| <span style="background-color: #d3d3d3; border: 2px solid black; display: inline-block; width: 20px; height: 10px;"></span> Internal road | <span style="border-bottom: 2px dashed gray; display: inline-block; width: 20px;"></span> Vehicular track               |
| <span style="border-bottom: 2px solid blue; display: inline-block; width: 20px;"></span> Transmission line                                | <span style="border-bottom: 2px solid blue; display: inline-block; width: 20px;"></span> Named watercourse              |
|                                                                                                                                           | <span style="border: 1px solid black; display: inline-block; width: 20px; height: 10px;"></span> Cadastral boundary     |

## Interaction with road reserves

Package 1 Transmission Line and Substation  
Owners Consent  
Figure 1.1





PRINT ALL COPIES  
IN COLOUR

Coordinate system  
MGA

Height datum  
AHD

All written dimensions take  
precedence over scaled dimensions.

REFERENCE DRAWINGS

REFERENCE MODELS

| REV    | DATE       | REVISION DETAILS         |
|--------|------------|--------------------------|
| A01.01 | 2025-06-27 | ISSUED FOR CLIENT REVIEW |
| A01.02 | 2025-07-04 | ISSUED FOR USE           |
|        |            |                          |
|        |            |                          |

| REV    | DRAWN    | DESIGNED              | VERIFIED   | APPROVED |
|--------|----------|-----------------------|------------|----------|
| A01.01 | K.CHILDS | K.JANSEN VAN RENSBURG |            |          |
| A01.02 | K.CHILDS | K.JANSEN VAN RENSBURG | M.NURCOMBE | B.JOSEPH |
|        |          |                       |            |          |
|        |          |                       |            |          |

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| CERTIFICATION | No. | CERTIFIER | DATE |
|---------------|-----|-----------|------|
|               |     |           |      |

CLIENT

CLIENT DOCUMENT NUMBER

REV

| CONSTRUCTION STATUS   | DRAWN BY         |
|-----------------------|------------------|
| NOT FOR CONSTRUCTION  | K.CHILDS         |
| STATUS                | CODE             |
| STARTED               | W1               |
| DESIGNED BY           | DOCUMENT STATE   |
| K.JANSEN VAN RENSBURG | WORK IN PROGRESS |

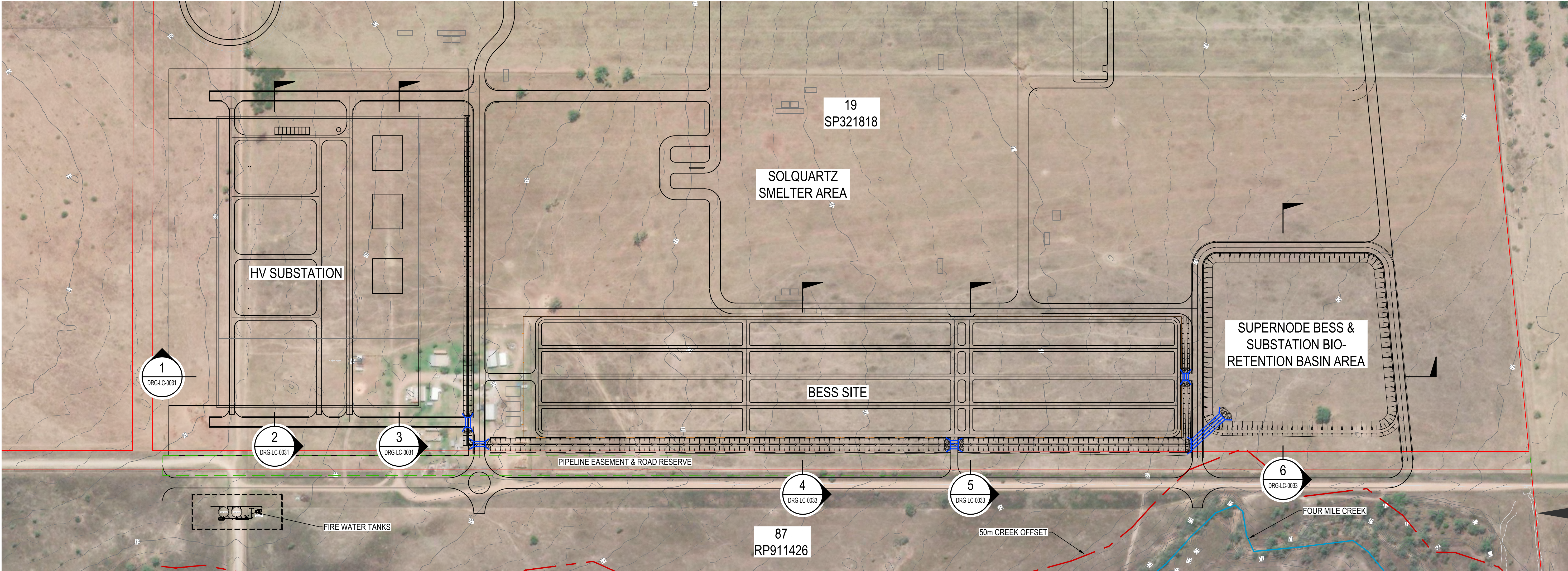
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|-------------------------------------------------------------------|------|---------------|--------|
| SUPERNODE NORTH BESS<br>TECHNICAL SUPPORT                         |      |               |        |
| TITLE                                                             |      |               |        |
| SUPERNODE NORTH BESS QLD<br>OPERATIONS<br>HV SUBSTATION GA LAYOUT |      |               |        |
| DOCUMENT CODE                                                     |      |               |        |
| 529130-W00001-DRG-EL-0092                                         |      |               |        |
| SCALE                                                             | SIZE | REFERENCE No. | REV    |
| AS SHOWN                                                          | A1   | DRG-EL-0092   | A01.02 |

NOTES

- 1. HORIZONTAL DATUM = MGA2020.
- 2. VERTICAL DATUM = AUSTRALIAN HEIGHT DATUM (AHD) U.N.O.
- 3. REDUCED LEVELS (RL) IN METRES (m AHD) U.N.O.
- 4. DIMENSIONS IN METRES (m) U.N.O.

LEGEND:

- PROPERTY BOUNDARY (DCDB)
- EASEMENT BOUNDARY
- EXISTING MINOR CONTOUR
- EXISTING MAJOR CONTOUR



| REFERENCE DRAWINGS |            |                  | REFERENCE MODELS |           |          |          |          |
|--------------------|------------|------------------|------------------|-----------|----------|----------|----------|
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| REV                | DATE       | REVISION DETAILS | REV              | DRAWN     | DESIGNED | VERIFIED | APPROVED |
| A01.01             | 2025-06-10 |                  | A01.01           | W.BUMAGAT |          |          |          |
|                    |            |                  |                  |           |          |          |          |
|                    |            |                  |                  |           |          |          |          |
|                    |            |                  |                  |           |          |          |          |

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CERTIFICATION

No.

CERTIFIER

DATE

CLIENT



CLIENT DOCUMENT NUMBER

REV

20 0 40 80m  
SCALE 1:2000

All written dimensions take precedence over scaled dimensions.



Coordinate system  
MGA  
Height datum  
AHD

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CONSTRUCTION STATUS

NOT FOR CONSTRUCTION

DRAWN BY  
W.BUMAGAT

DESIGNED BY

STATUS  
STARTED

CODE  
W1

DOCUMENT STATE  
WORK IN PROGRESS

PROJECT

SUPERNODE NORTH BESS TECHNICAL SUPPORT

TITLE

SUPERNODE BESS TECHNICAL SUPPORT  
CONCEPT DESIGN  
GENERAL ARRANGEMENT

DOCUMENT CODE

529130-W00001-DRG-LC-0010

SCALE  
AS SHOWN

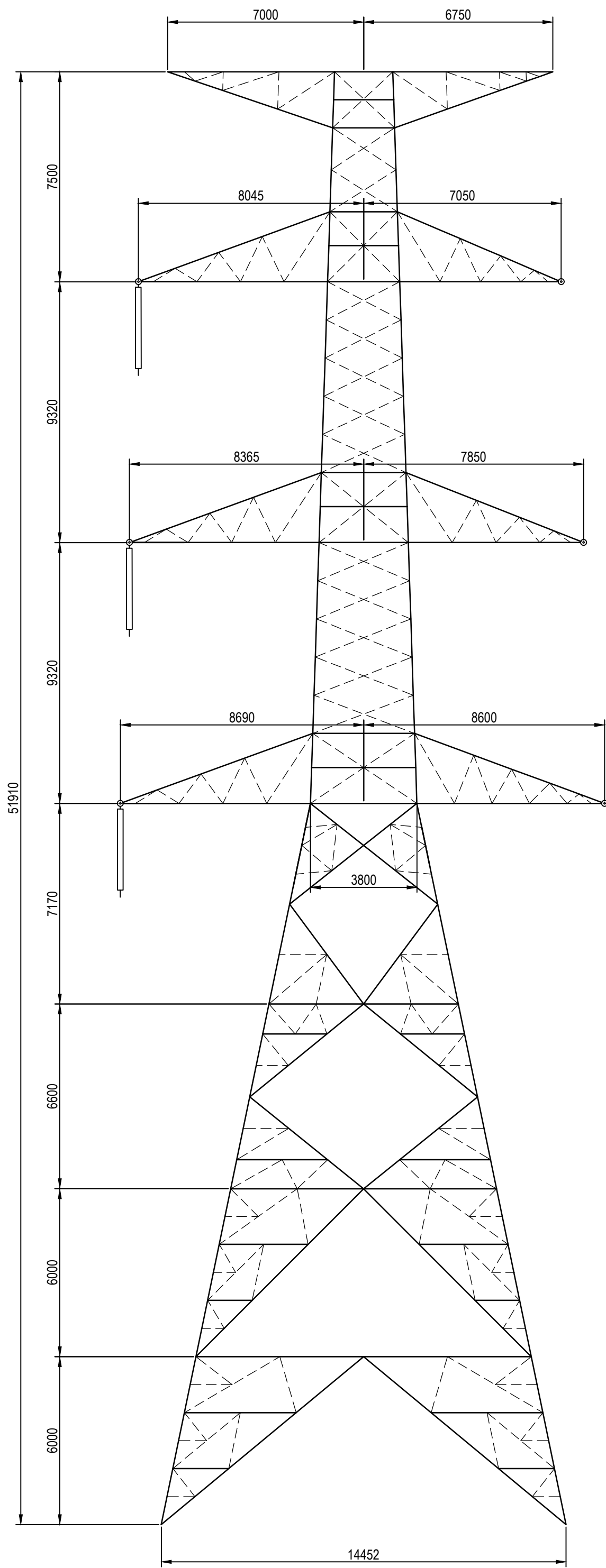
SIZE  
A1

REFERENCE No.  
DRG-LC-0010

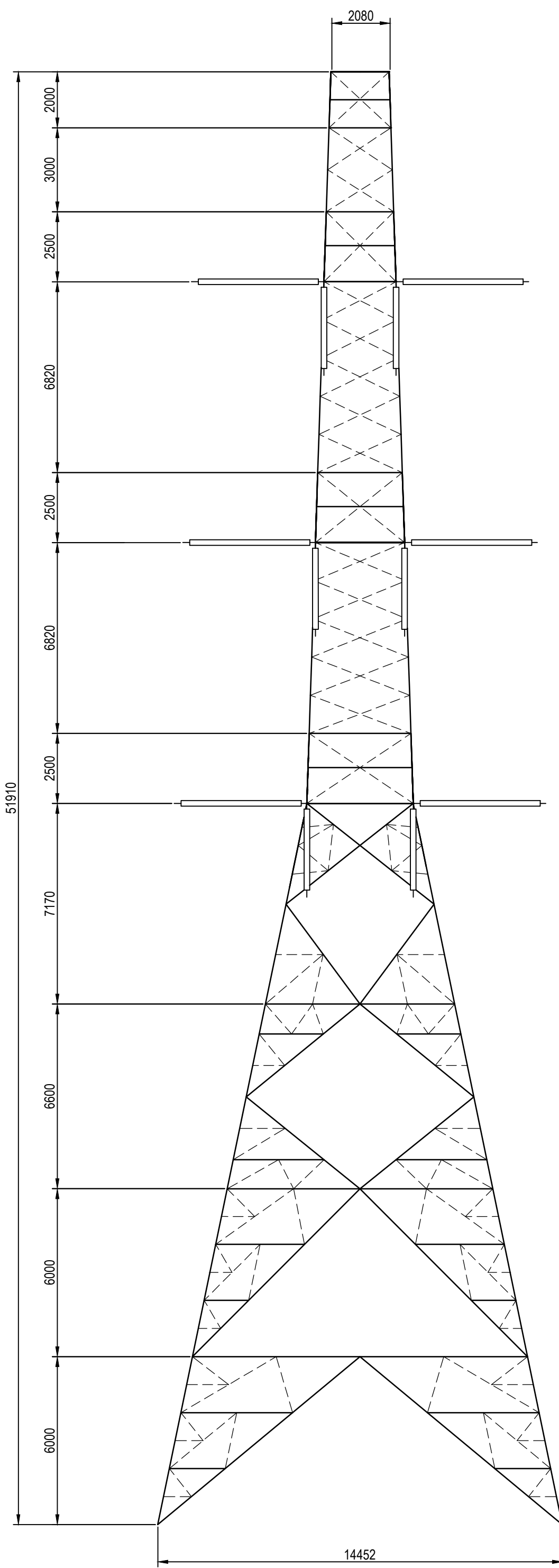
REV  
A01.01



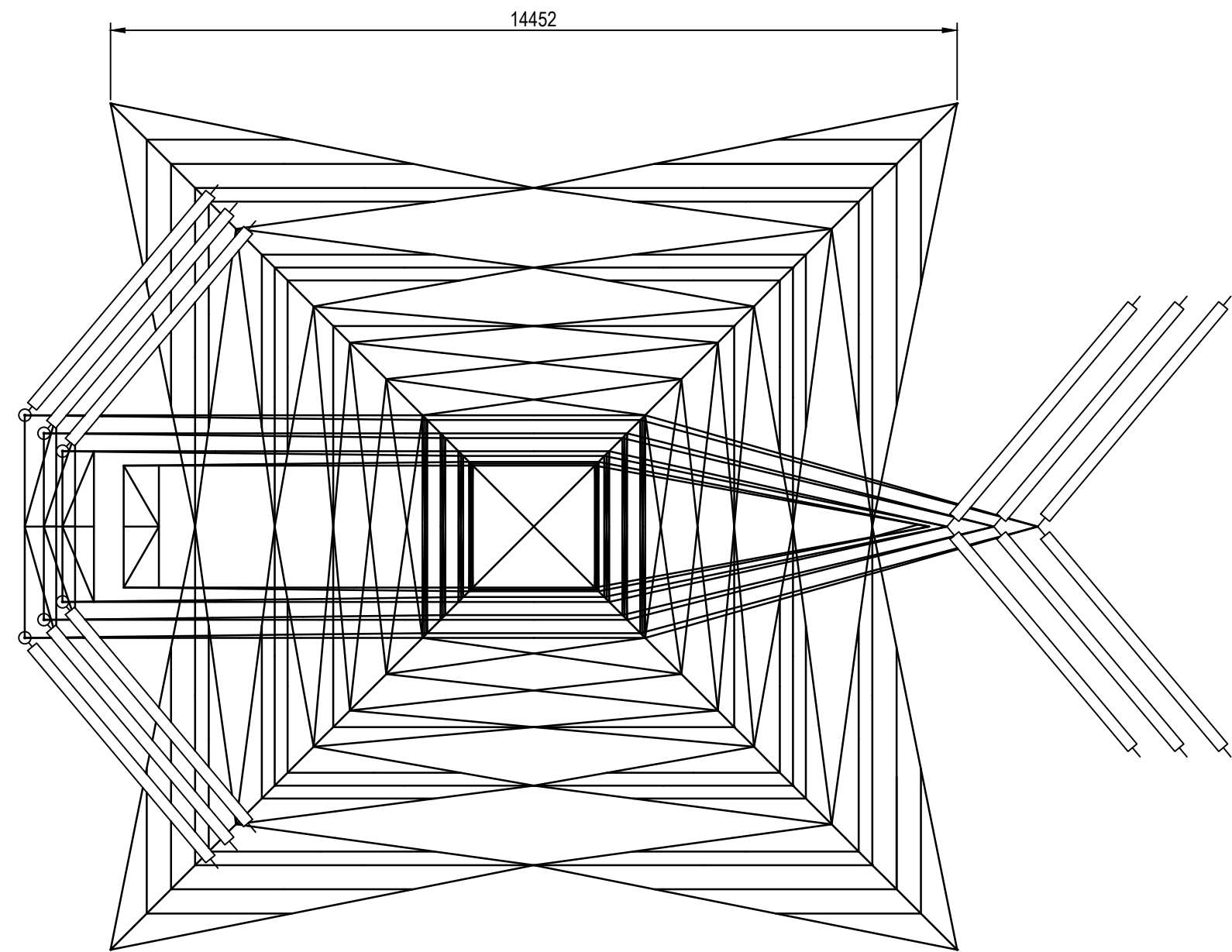
Plot Date: 2025-06-24 7:18 pm      Filename: 529130-W00001-DRG-PL-0004.DWG



**ELEVATION VIEW**  
N.T.S



**SIDE VIEW**  
N.T.S



**PLAN VIEW**  
N.T.S

NOT FOR CONSTRUCTION

| REFERENCE DRAWINGS |            |                   | REFERENCE MODELS |       |          |          |          |
|--------------------|------------|-------------------|------------------|-------|----------|----------|----------|
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| REV                | DATE       | REVISION DETAILS  | REV              | DRAWN | DESIGNED | VERIFIED | APPROVED |
| A01.01             | 2025-06-27 | ISSUED FOR REVIEW | A01.01           | M.C   | D.S      | A.W      | S.K      |
|                    |            |                   |                  |       |          |          |          |
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|                    |            |                   |                  |       |          |          |          |

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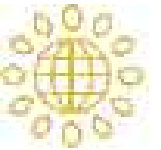
CERTIFICATION

No.

CERTIFIER

DATE

CLIENT

  
Solquartz

CLIENT DOCUMENT NUMBER

REV

All written dimensions take precedence over scaled dimensions.

Coordinate system  
MGA  
Height datum  
AHD



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CONSTRUCTION STATUS

NOT FOR CONSTRUCTION

DRAWN BY  
M.CHAPMAN

DESIGNED BY  
D.STRYDOM

STATUS  
STARTED

CODE  
W1

DOCUMENT STATE

WORK IN PROGRESS

PROJECT

SUPERNODE NORTH BESS TECHNICAL SUPPORT

TITLE

SUPERNODE NORTH BESS QLD  
275kV TRANSMISSION LINE  
TYPICAL HEAVY STRAIN GA

DOCUMENT CODE

529130-W00001-DRG-PL-0004

SCALE

NOT TO SCALE

SIZE

A1

REFERENCE No.

DRG-PL-0004

REV

A01.01

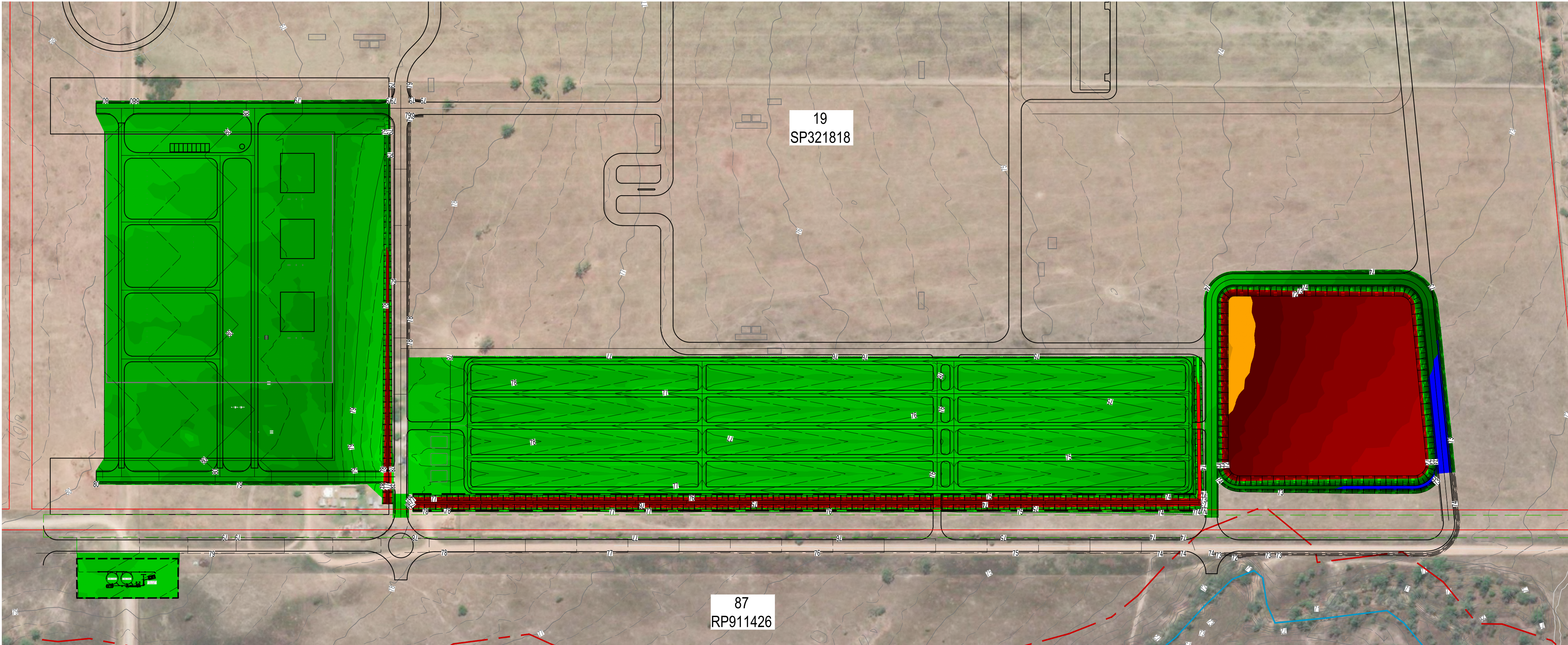
Document Set ID: 28309073  
Version: 1, Version Date: 28/04/2026

- NOTES:
- CONTOUR INTERVAL 0.25m, MGA 2020 COORDINATES.
  - EARTH PADS BATTER SLOPES ARE 1V:2H.

| CUT/FILL SUMMARY |          |      |
|------------------|----------|------|
| ITEM             | QUANTITY | UNIT |
| CUT              | -46,394  | m³   |
| FILL             | 161,118  | m³   |
| TOTAL            | 114,724  | m³   |

- LEGEND:
- PROPERTY BOUNDARY (DCDB)
  - EASEMENT BOUNDARY
  - EXISTING MINOR CONTOUR
  - EXISTING MAJOR CONTOUR
  - PROPOSED MINOR CONTOUR
  - PROPOSED MAJOR CONTOUR

| RANGE DEPTH AT 200MM INTERVAL |             |      |   |        |
|-------------------------------|-------------|------|---|--------|
| Lower_value                   | Upper_value |      |   | Colour |
| -3.0                          | to          | -2.8 | m |        |
| -2.8                          | to          | -2.6 | m |        |
| -2.6                          | to          | -2.4 | m |        |
| -2.4                          | to          | -2.2 | m |        |
| -2.2                          | to          | -2.0 | m |        |
| -2.0                          | to          | -1.8 | m |        |
| -1.8                          | to          | -1.6 | m |        |
| -1.6                          | to          | -1.4 | m |        |
| -1.4                          | to          | -1.2 | m |        |
| -1.2                          | to          | -1.0 | m |        |
| -1.0                          | to          | -0.8 | m |        |
| -0.8                          | to          | -0.6 | m |        |
| -0.6                          | to          | -0.4 | m |        |
| -0.4                          | to          | -0.2 | m |        |
| -0.2                          | to          | 0.0  | m |        |
| 0.0                           | to          | 0.2  | m |        |
| 0.2                           | to          | 0.4  | m |        |
| 0.4                           | to          | 0.6  | m |        |
| 0.6                           | to          | 0.8  | m |        |
| 0.8                           | to          | 1.0  | m |        |
| 1.0                           | to          | 1.2  | m |        |
| 1.2                           | to          | 1.4  | m |        |
| 1.4                           | to          | 1.6  | m |        |
| 1.6                           | to          | 1.8  | m |        |
| 1.8                           | to          | 2.0  | m |        |
| 2.0                           | to          | 2.2  | m |        |
| 2.2                           | to          | 2.4  | m |        |
| 2.4                           | to          | 2.6  | m |        |
| 2.6                           | to          | 2.8  | m |        |
| 2.8                           | to          | 3.0  | m |        |



| REFERENCE DRAWINGS |            |                  | REFERENCE MODELS |           |          |          |          |
|--------------------|------------|------------------|------------------|-----------|----------|----------|----------|
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| A01.01             | 2025-06-17 |                  | A01.01           | W.BUMAGAT |          |          |          |
|                    |            |                  |                  |           |          |          |          |
|                    |            |                  |                  |           |          |          |          |
|                    |            |                  |                  |           |          |          |          |

PREPARED BY

**aurecon**

www.aurecongroup.com

CLIENT

**Solquartz**

CLIENT DOCUMENT NUMBER

REV

20 0 40 80m

SCALE 1:2000

All written dimensions take precedence over scaled dimensions.

Coordinate system MGA

Height datum AHD

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| CONSTRUCTION STATUS   |      | PROJECT                                                               |      |               |        |
|-----------------------|------|-----------------------------------------------------------------------|------|---------------|--------|
| NOT FOR CONSTRUCTION  |      | SUPERNODE NORTH BESS TECHNICAL SUPPORT                                |      |               |        |
|                       |      | TITLE                                                                 |      |               |        |
|                       |      | SUPERNODE BESS TECHNICAL SUPPORT<br>CONCEPT DESIGN<br>EARTHWORKS PLAN |      |               |        |
|                       |      | DOCUMENT CODE                                                         |      |               |        |
| DRAWN BY<br>W.BUMAGAT |      | 529130-W00001-DRG-LC-0050                                             |      |               |        |
| DESIGNED BY           |      |                                                                       |      |               |        |
| STATUS                | CODE | SCALE                                                                 | SIZE | REFERENCE No. | REV    |
| STARTED               | W1   | AS SHOWN                                                              | A1   | DRG-LC-0050   | A01.01 |
| DOCUMENT STATE        |      |                                                                       |      |               |        |
| WORK IN PROGRESS      |      |                                                                       |      |               |        |