



**COPPERSTRING 2.0**

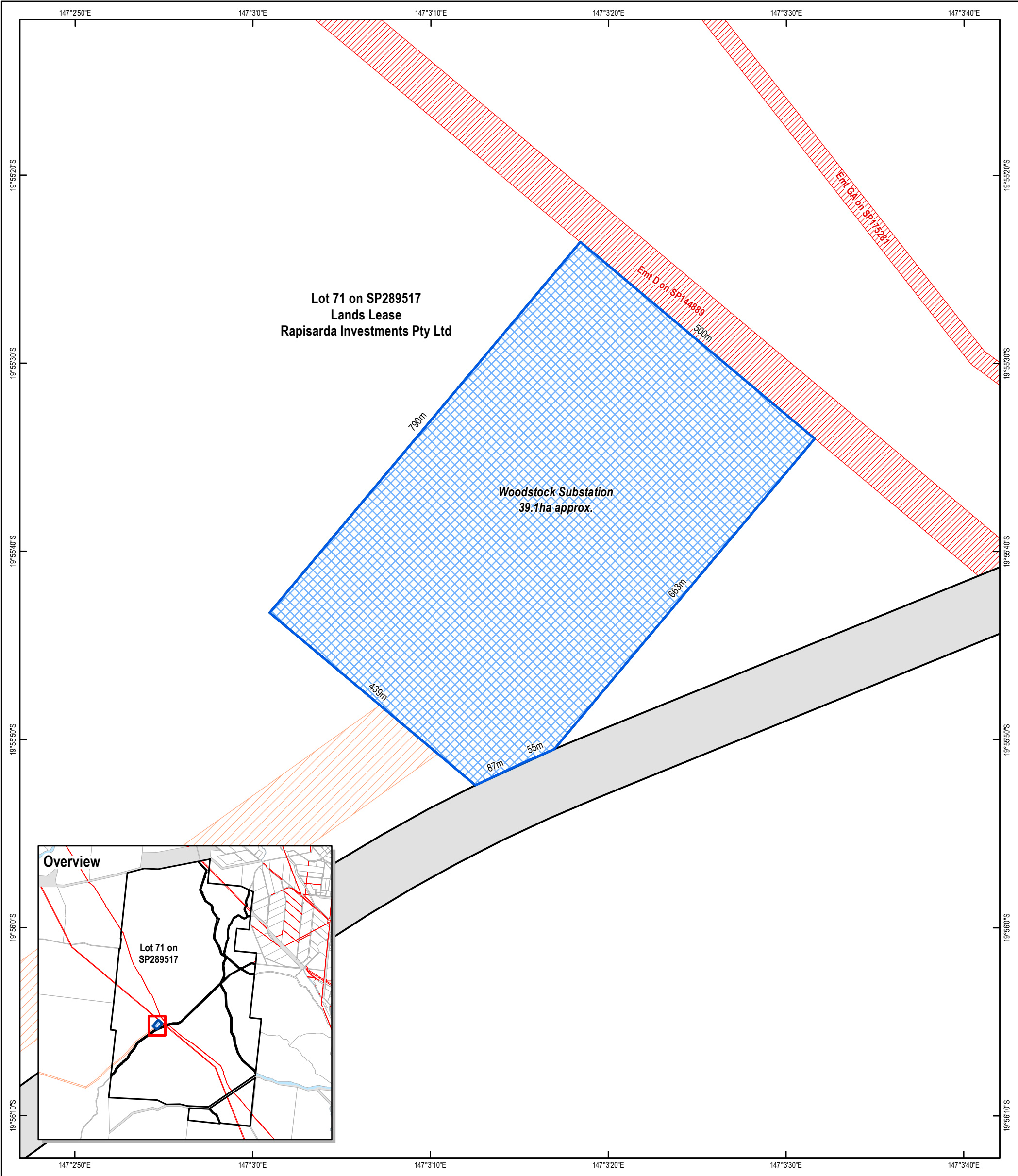
**CopperString 2.0**

# **Indicative infrastructure layout and cross-section drawings**

**Volume 3 Appendix I**

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**Legend**

- Proposed Site
- Subject Parcel
- Proposed CopperString 120m Corridor
- Property Boundary
- Registered Easement
- Road Reserve

metres  
Coordinate System  
GDA 1994 MGA Zone 55

**Notes/Data Sources**  
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WKSP GISWR\_00188\_Woodstock\_Substation

Revision History			
Rev	Drawn	Check	Date
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B	DJ	IB	19/06/2020
C	DJ	IB	29/10/2020
D	DJ	IB	02/11/2020

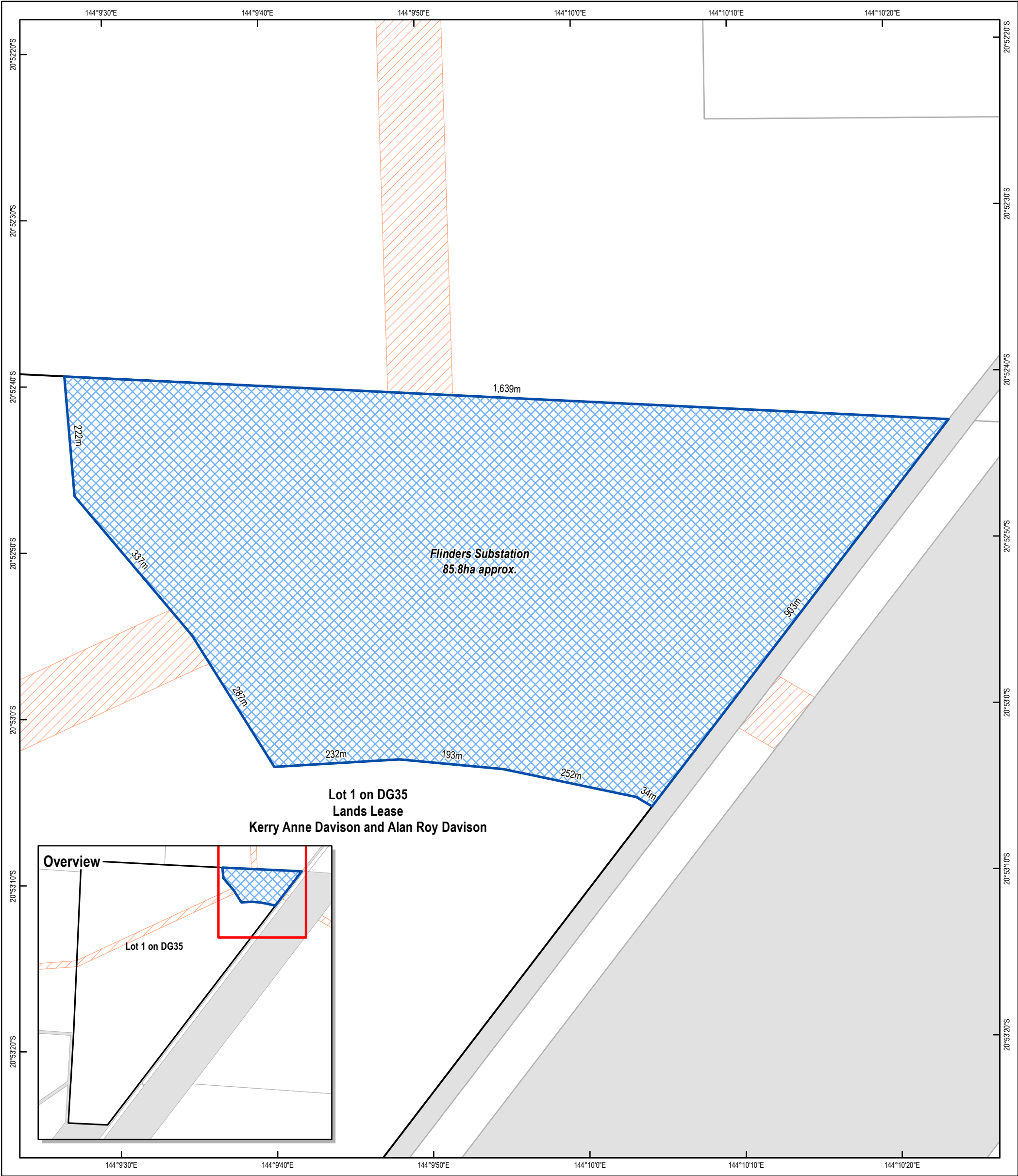
PROJECT **CopperString 2.0**

TITLE **Option Map  
Woodstock Substation**

Prepared by

Prepared for  
  
**COPPERSTRING 2.0**  
BORN, BRED & OWNED IN NQ

Map Revision  
**D**



**Legend**

- Proposed Site
- Subject Parcel
- Proposed CopperString 120m Corridor
- Property Boundary
- Road Reserve

metres  
Coordinate System  
GDA 1994 MGA Zone 55

**Notes/Data Sources**  
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WKSP GISWR\_00188\_Flinders\_Substation

Revision History			
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B	DJ	IB	19/06/2020
C	DJ	IB	29/10/2020

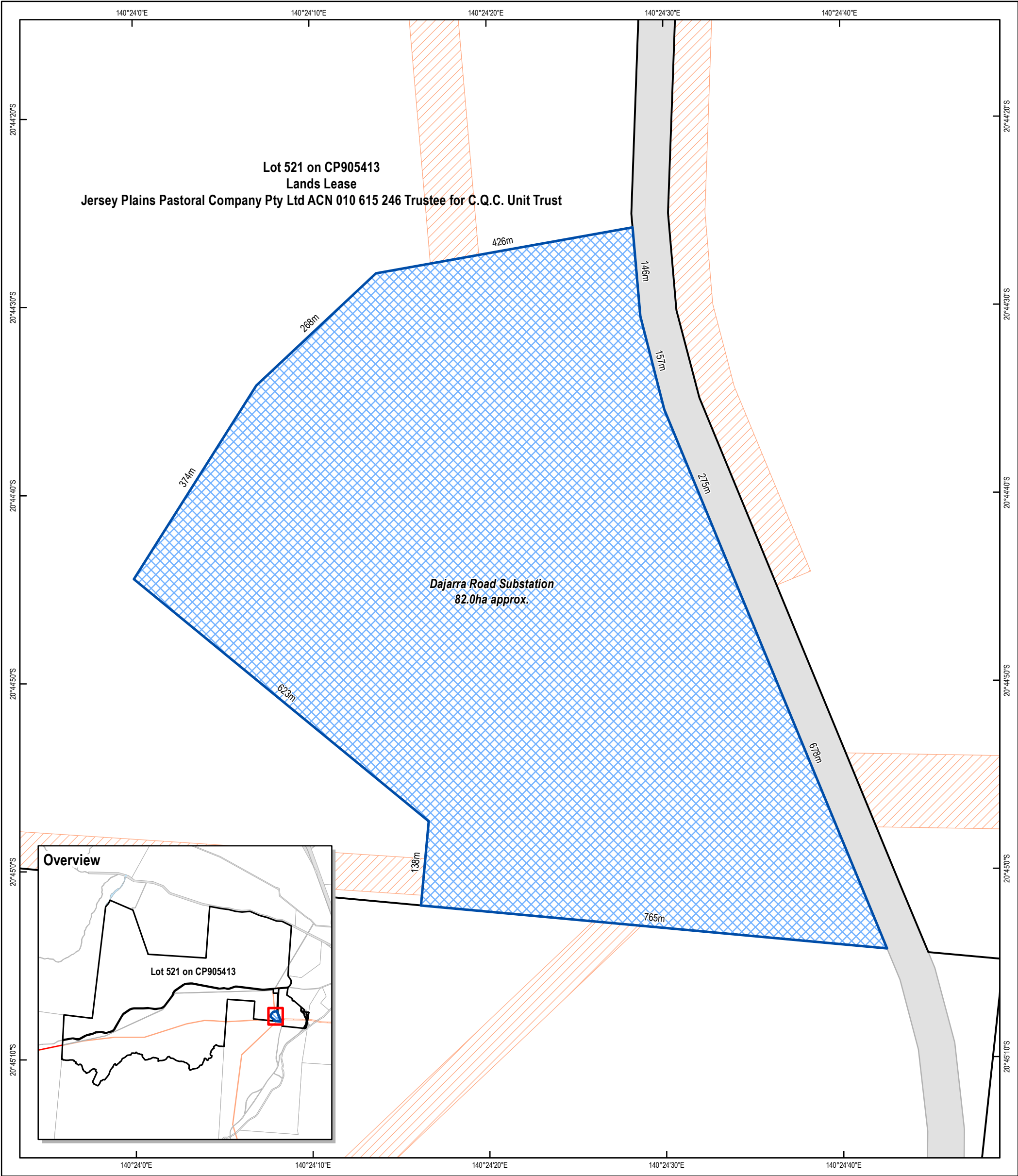
PROJECT **CopperString 2.0**

TITLE **Option Map  
Flinders Substation**

Prepared by

Prepared for **COPPERSTRING 2.0**  
BORN, BRED & OWNED IN HQ

Map Revision **C**



**Legend**

- Proposed Site
- Subject Parcel
- Proposed CopperString 120m Corridor
- Property Boundary
- Road Reserve

metres  
Coordinate System  
GDA 1994 MGA Zone 54

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WKSP GISWR\_00188\_Dajarra\_Road\_Substation

Revision History			
Rev	Drawn	Check	Date
A	DJ	IB	26/08/2019
B	DJ	IB	19/06/2020
C	DJ	IB	18/08/2020
D	DJ	IB	29/10/2020

PROJECT **CopperString 2.0**

TITLE **Option Map  
Dajarra Road Substation**

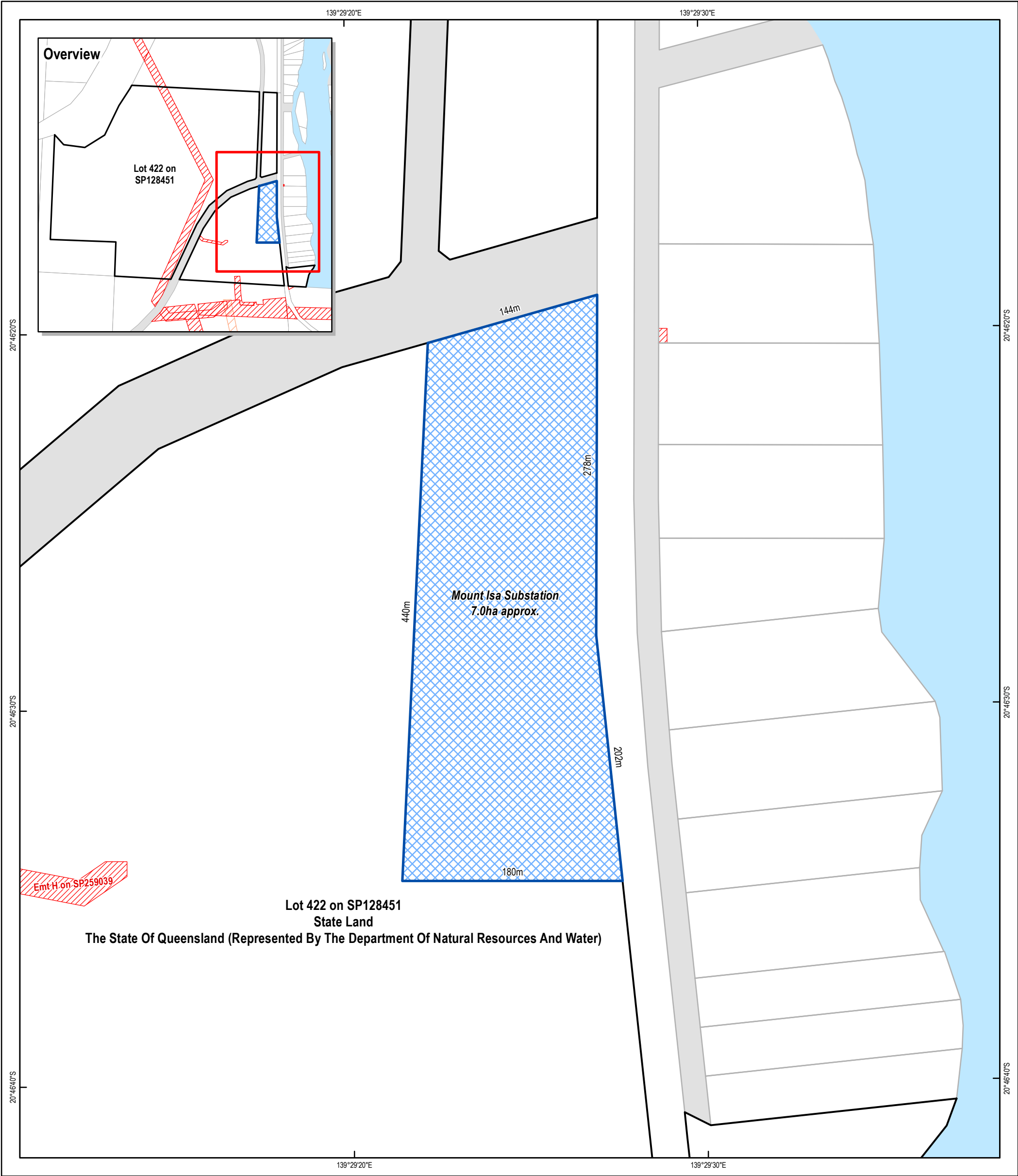
Prepared by

Prepared for

  
BORN, BRED & OWNED IN NQ

Map Revision  
**D**





Legend

Proposed Site

Subject Parcel

Property Boundary

Registered Easement

Road Reserve

Watercourse

0

50

100

150

metres

Coordinate System

GDA 1994 MGA Zone 54

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WKSP GISWR\_00188\_Mount\_Isa\_Substation

Revision History			
Rev	Drawn	Check	Date
A	DJ	IB	13/08/2020
B	DJ	IB	29/10/2020

PROJECT

CopperString 2.0

TITLE

Option Map

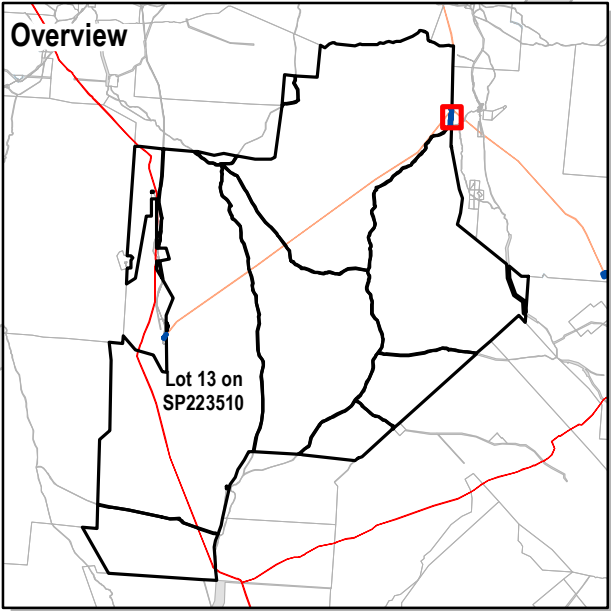
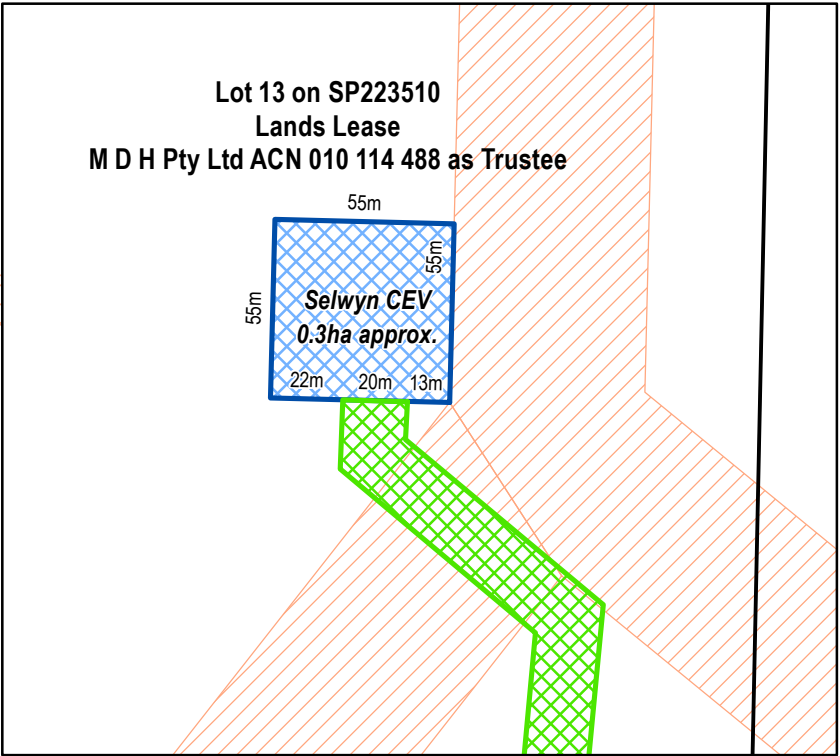
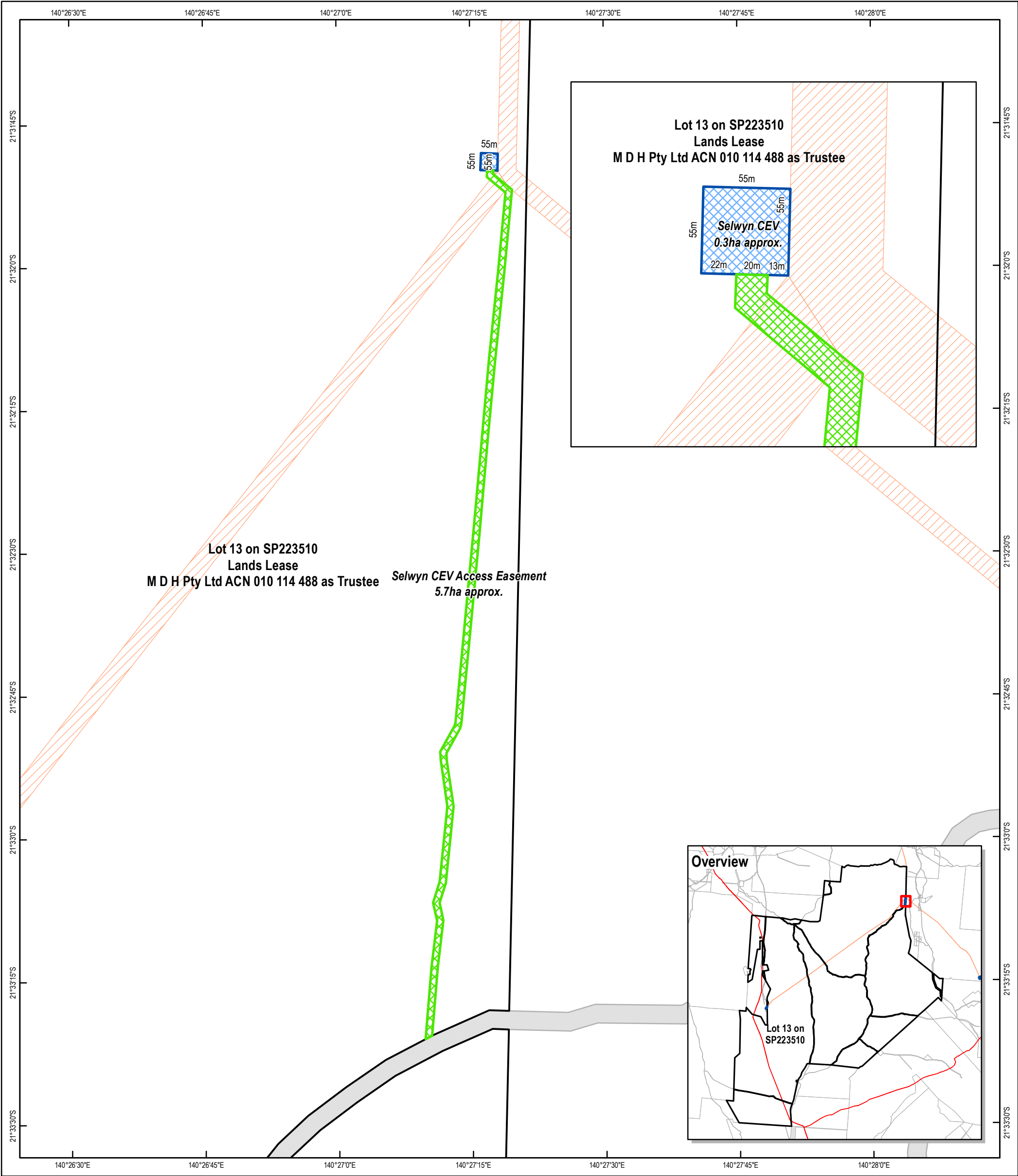
Mount Isa Substation

Prepared by

Prepared for

Map Revision

B



Proposed Site

Access Easement

Subject Parcel

Proposed CopperString Corridor

Property Boundary

Road Reserve

Notes/Data Sources

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WKSP GISWR\_00188\_Selwyn\_CEV

Revision History			
Rev	Drawn	Check	Date
A	DJ	IB	26/08/2019
B	DJ	IB	29/10/2020

PROJECT

CopperString 2.0

TITLE

Option Map  
Selwyn CEV

Prepared by

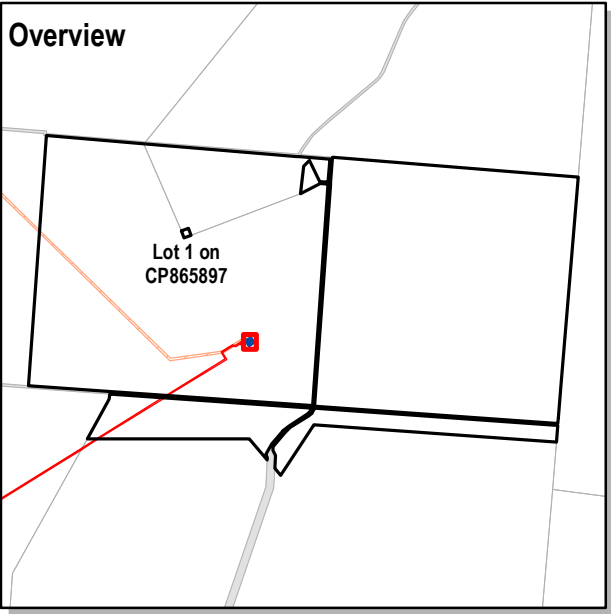
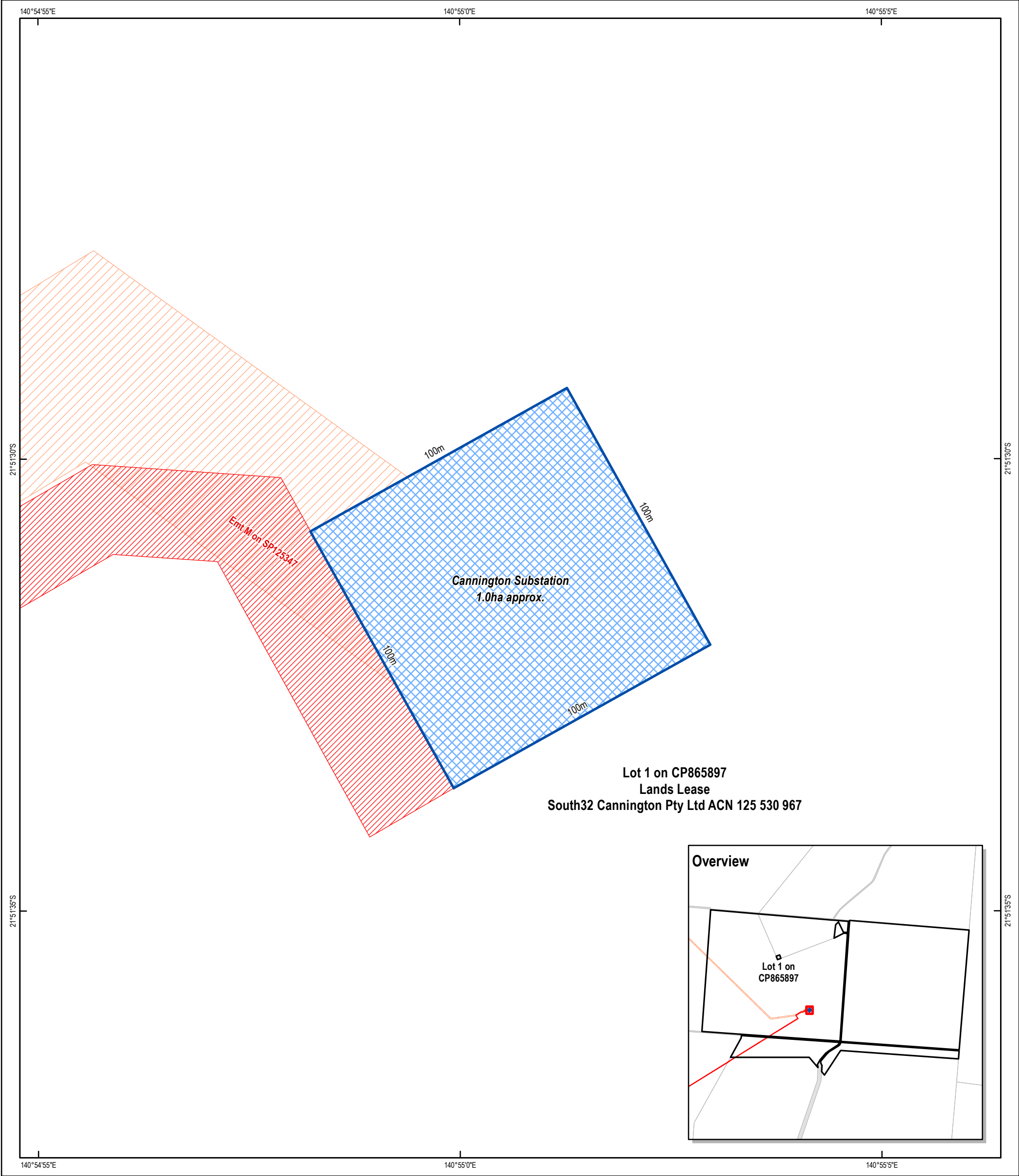
RLMS

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Map Revision

B



**Legend**

- Proposed Site
- Subject Parcel
- Proposed CopperString 120m Corridor
- Property Boundary
- Registered Easement

metres  
Coordinate System  
GDA 1994 MGA Zone 54

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WKSP GISWR\_00188\_Cannington\_Substation

Revision History			
Rev	Drawn	Check	Date
A	DJ	IB	26/08/2019
B	DJ	IB	19/06/2020
C	DJ	IB	29/10/2020

PROJECT **CopperString 2.0**

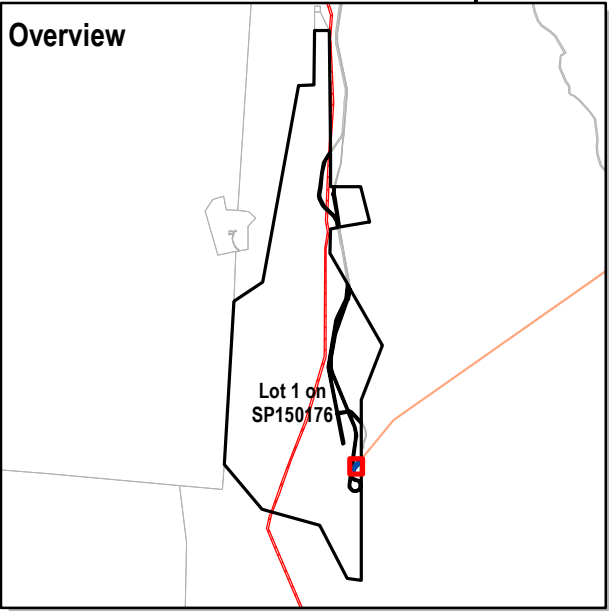
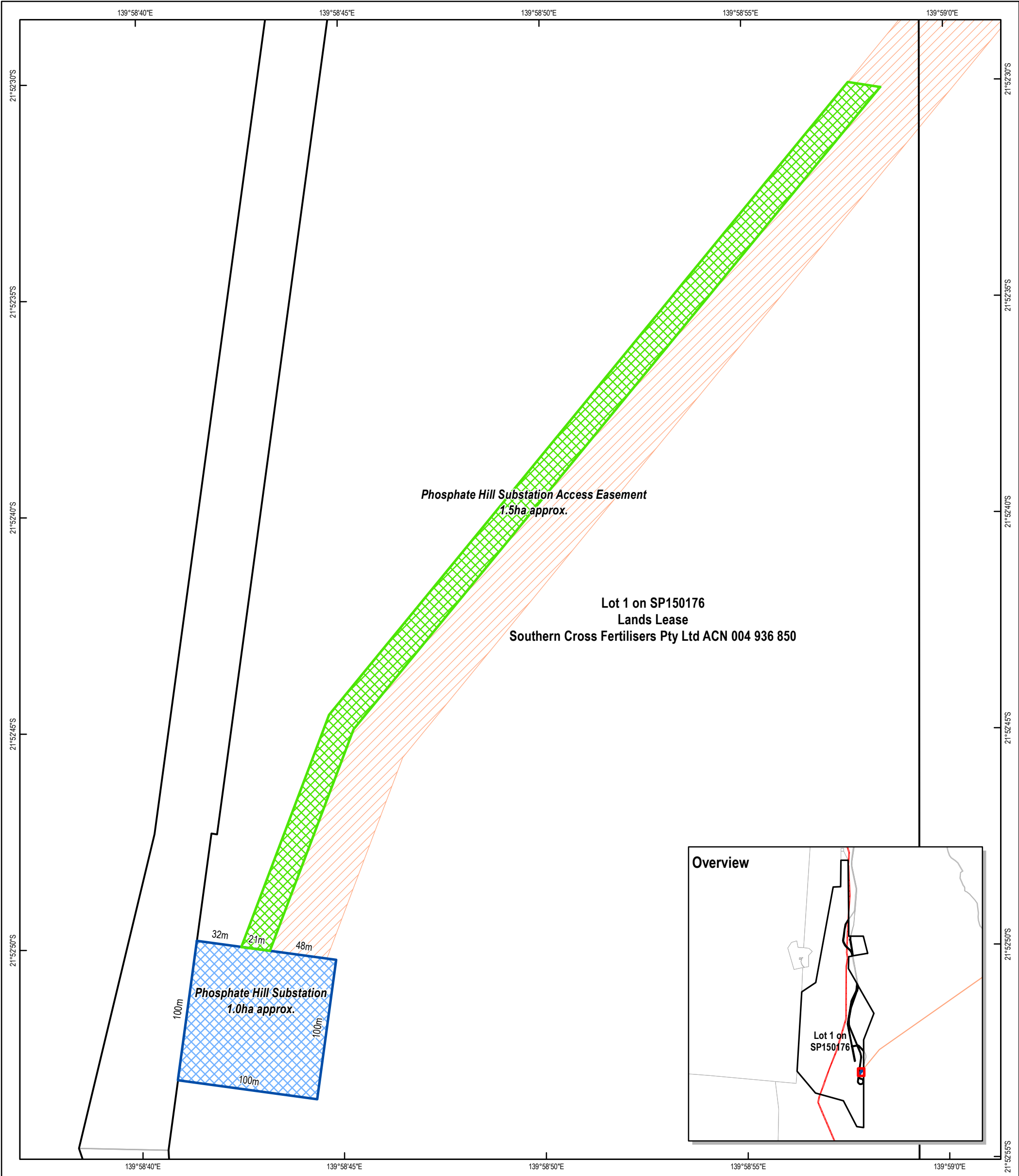
TITLE **Option Map  
Cannington Substation**

Prepared by

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BORN, BRED & OWNED IN HQ

Map Revision  
**C**





**Legend**

- Proposed Site
- Access Easement
- Subject Parcel
- Proposed CopperString 120m Corridor
- Property Boundary

**Notes/Data Sources**  
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WKSP GISWR\_00188\_Phosphate\_Hill\_Substation

Revision History			
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A	DJ	IB	26/08/2019
B	DJ	IB	19/06/2020
C	DJ	IB	29/10/2020

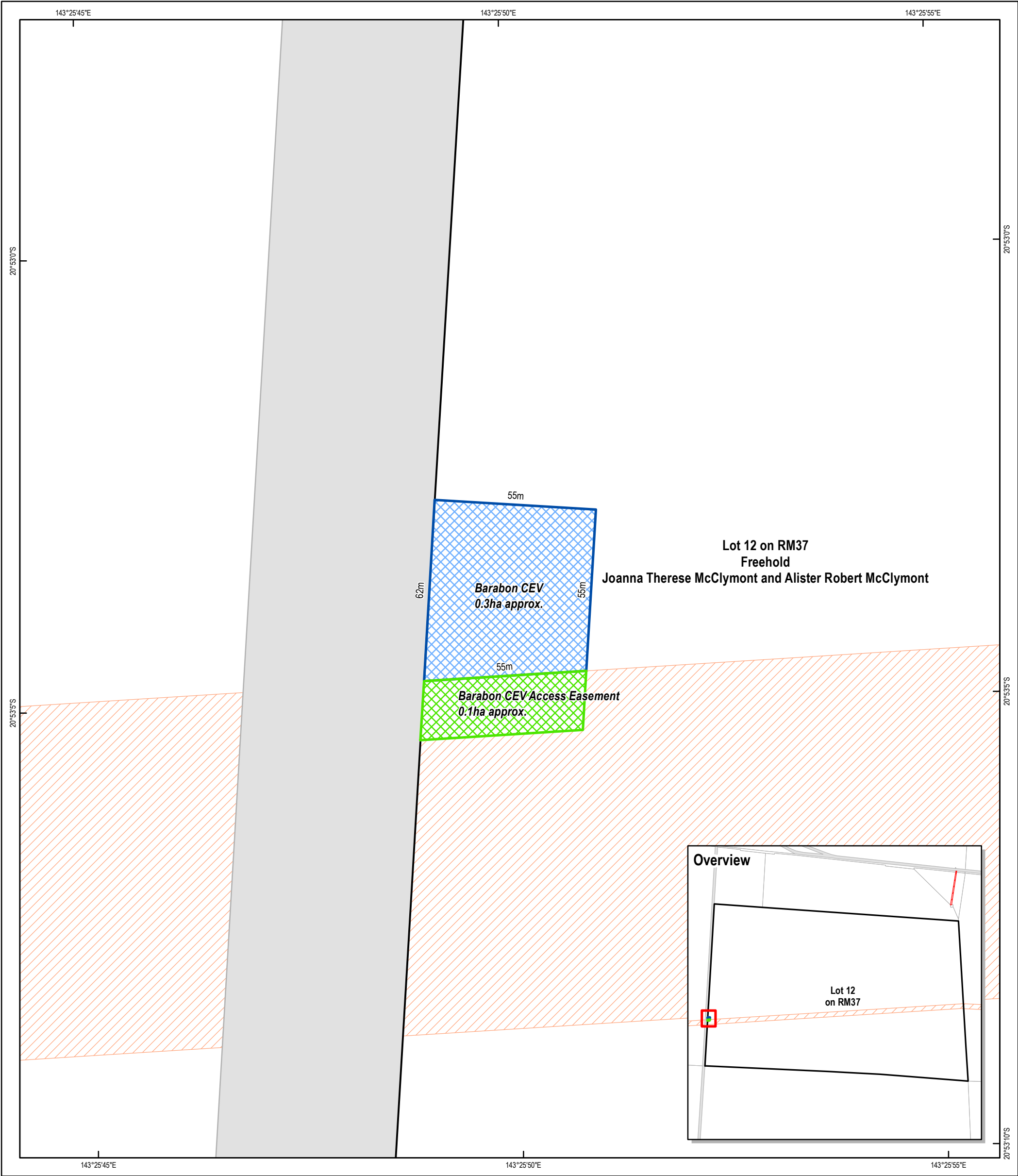
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TITLE **Option Map  
Phosphate Hill Substation**

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**COPPERSTRING 2.0**  
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Map Revision  
**C**



**Legend**

- Proposed Site
- Access Easement
- Subject Parcel
- Proposed CopperString 120m Corridor
- Property Boundary
- Road Reserve

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WKSP GISWR\_00188\_Barabon\_CEV

Revision History			
Rev	Drawn	Check	Date
A	DJ	IB	26/08/2019
B	DJ	IB	31/01/2020
C	DJ	IB	19/06/2020
D	DJ	IB	29/10/2020

PROJECT **CopperString 2.0**

TITLE **Option Map  
Barabon CEV**

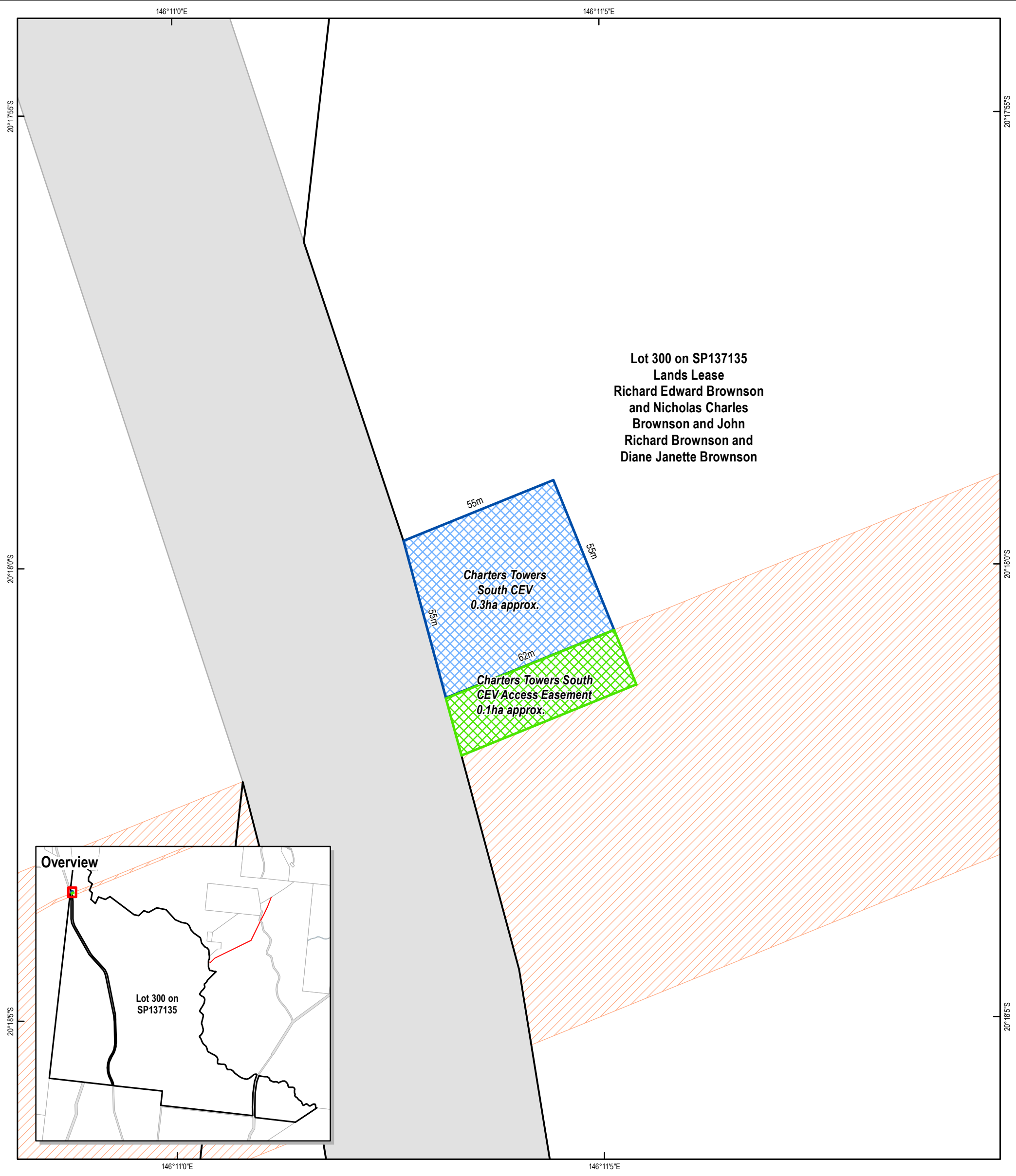
Prepared by

Prepared for

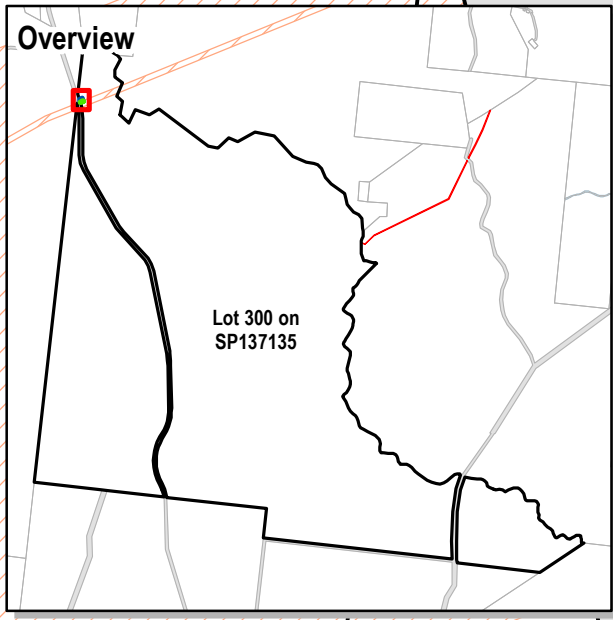
**COPPERSTRING 2.0**  
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Map Revision

**D**



Lot 300 on SP137135  
Lands Lease  
Richard Edward Brownson  
and Nicholas Charles  
Brownson and John  
Richard Brownson and  
Diane Janette Brownson



**Legend**

- Proposed Site
- Access Easement
- Subject Parcel
- Proposed CopperString 120m Corridor
- Property Boundary
- Road Reserve

metres  
Coordinate System  
GDA 1994 MGA Zone 55

**Notes/Data Sources**  
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WKSP GISWR\_00188\_Charters\_Towers\_South\_CEV

Revision History			
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B	DJ	IB	31/01/2020
C	DJ	IB	19/06/2020
D	DJ	IB	29/10/2020

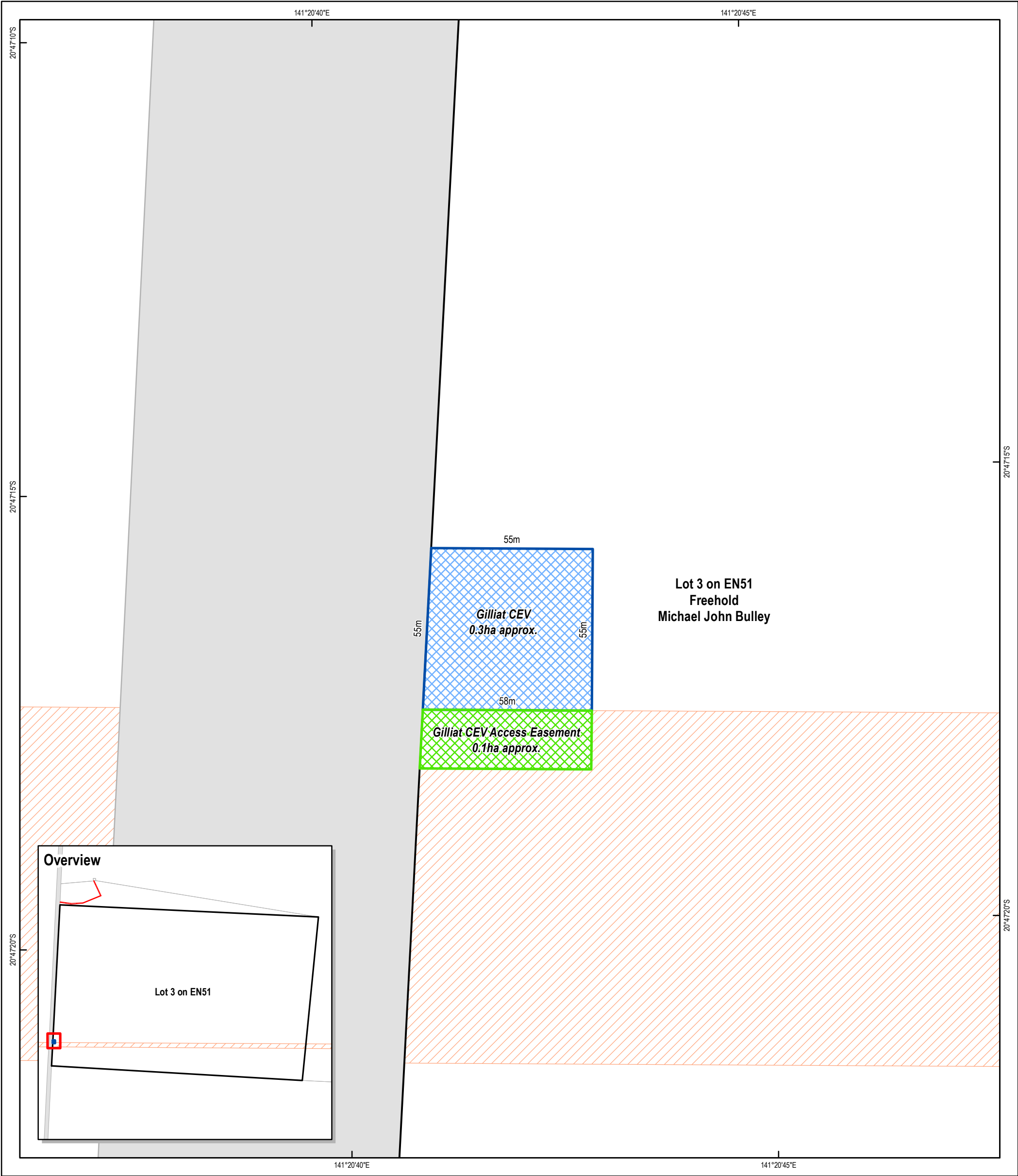
PROJECT **CopperString 2.0**

TITLE **Option Map  
Charters Towers South CEV**

Prepared by

Prepared for  
  
**COPPERSTRING 2.0**  
BORN, BRED & OWNED IN HQ

Map Revision  
**D**



**Legend**

- Proposed Site
- Access Easement
- Subject Parcel
- Proposed CopperString 120m Corridor
- Property Boundary
- Road Reserve

**Notes/Data Sources**  
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WKSP GISWR\_00188\_Gilliat\_CEV

Revision History			
Rev	Drawn	Check	Date
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B	DJ	IB	31/01/2020
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D	DJ	IB	29/10/2020

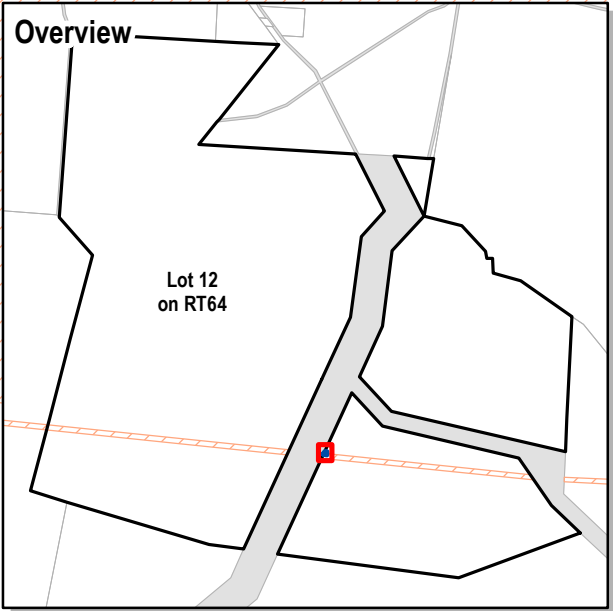
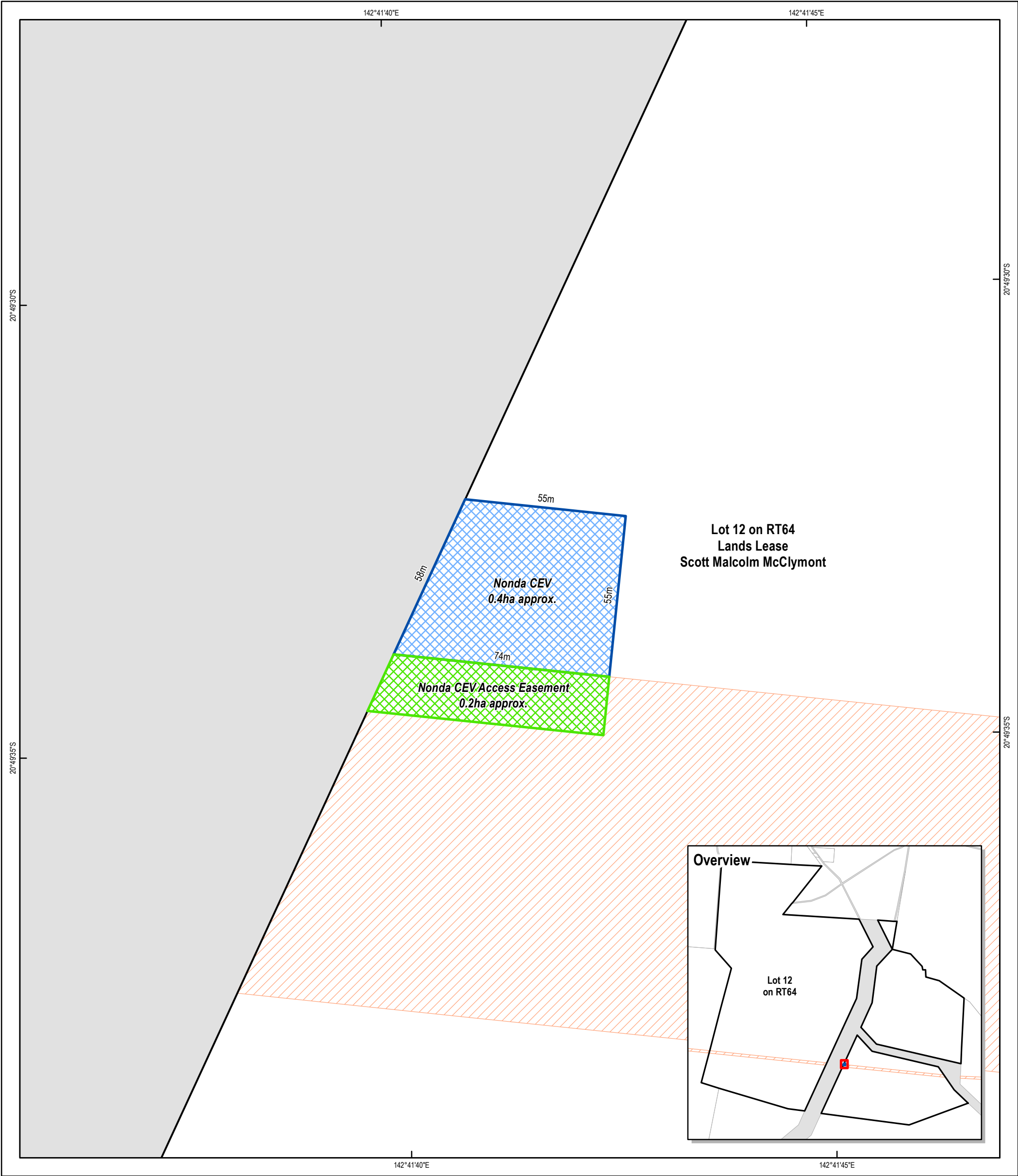
PROJECT **CopperString 2.0**

TITLE **Option Map  
Gilliat CEV**

Prepared by

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BORN, BRED & OWNED IN HQ

Map Revision **D**



**Legend**

- Proposed Site
- Access Easement
- Subject Parcel
- Proposed CopperString 120m Corridor
- Property Boundary
- Road Reserve

metres  
Coordinate System  
GDA 1994 MGA Zone 55

**Notes/Data Sources**  
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WKSP GISWR\_00188\_Nonda\_CEV

Revision History			
Rev	Drawn	Check	Date
A	DJ	IB	26/08/2019
B	DJ	IB	31/01/2020
C	DJ	IB	19/06/2020
D	DJ	IB	29/10/2020

PROJECT **CopperString 2.0**

TITLE **Option Map  
Nonda CEV**

Prepared by

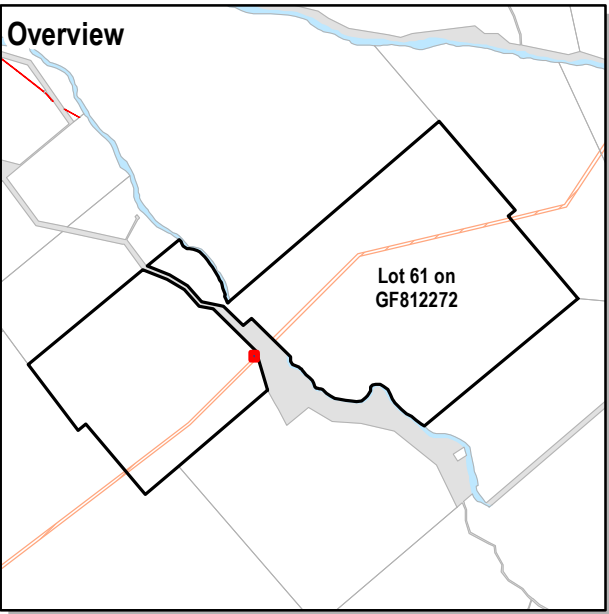
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**COPPERSTRING 2.0**  
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Map Revision  
**D**





Overview









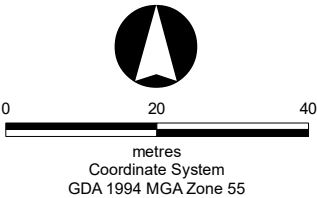
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GF812272

Pentland South CEV Access Easement  
0.3ha approx.

Pentland South CEV  
0.3ha approx.

Lot 61 on GF812272  
Lands Lease  
Christine Liekefett

- Legend**
-  Proposed Site
  -  Access Easement
  -  Subject Parcel
  -  Proposed CopperString 120m Corridor
  -  Property Boundary
  -  Road Reserve



**Notes/Data Sources**  
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WKSP GISWR\_00188\_Pentland\_South\_CEV

Revision History			
Rev	Drawn	Check	Date
A	DJ	IB	31/01/2020
B	DJ	IB	19/06/2020
C	DJ	IB	22/06/2020
D	DJ	IB	29/10/2020

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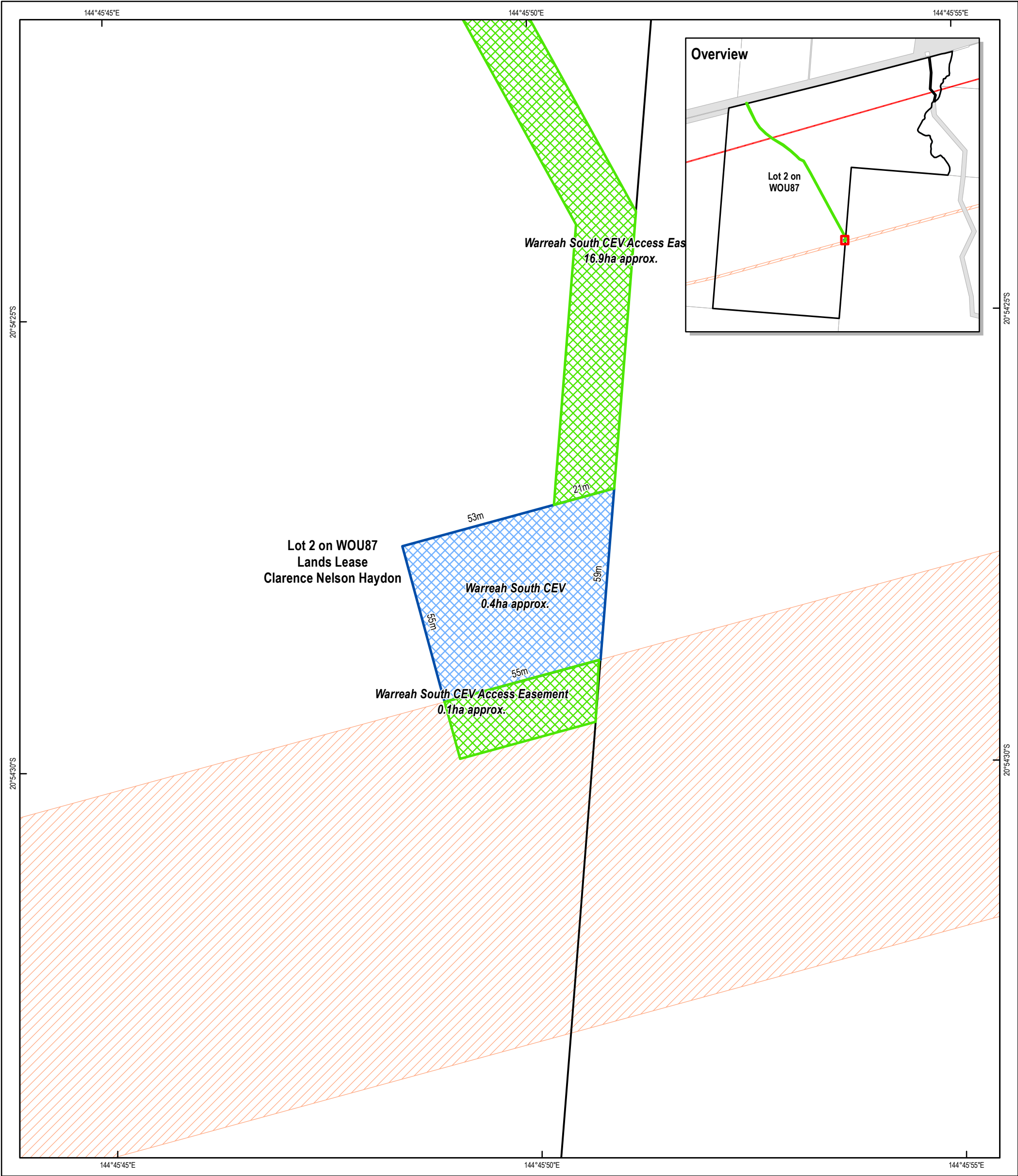
TITLE **Option Map  
Pentland South CEV**

Prepared by 

Prepared for  **COPPERSTRING 2.0**  
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Map Revision **D**





**Legend**

- Proposed Site
- Access Easement
- Subject Parcel
- Proposed CopperString 120m Corridor
- Property Boundary

**Notes/Data Sources**  
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WKSP GISWR\_00188\_Warreah\_South\_CEV

Revision History			
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B	DJ	IB	19/06/2020
C	DJ	IB	29/10/2020

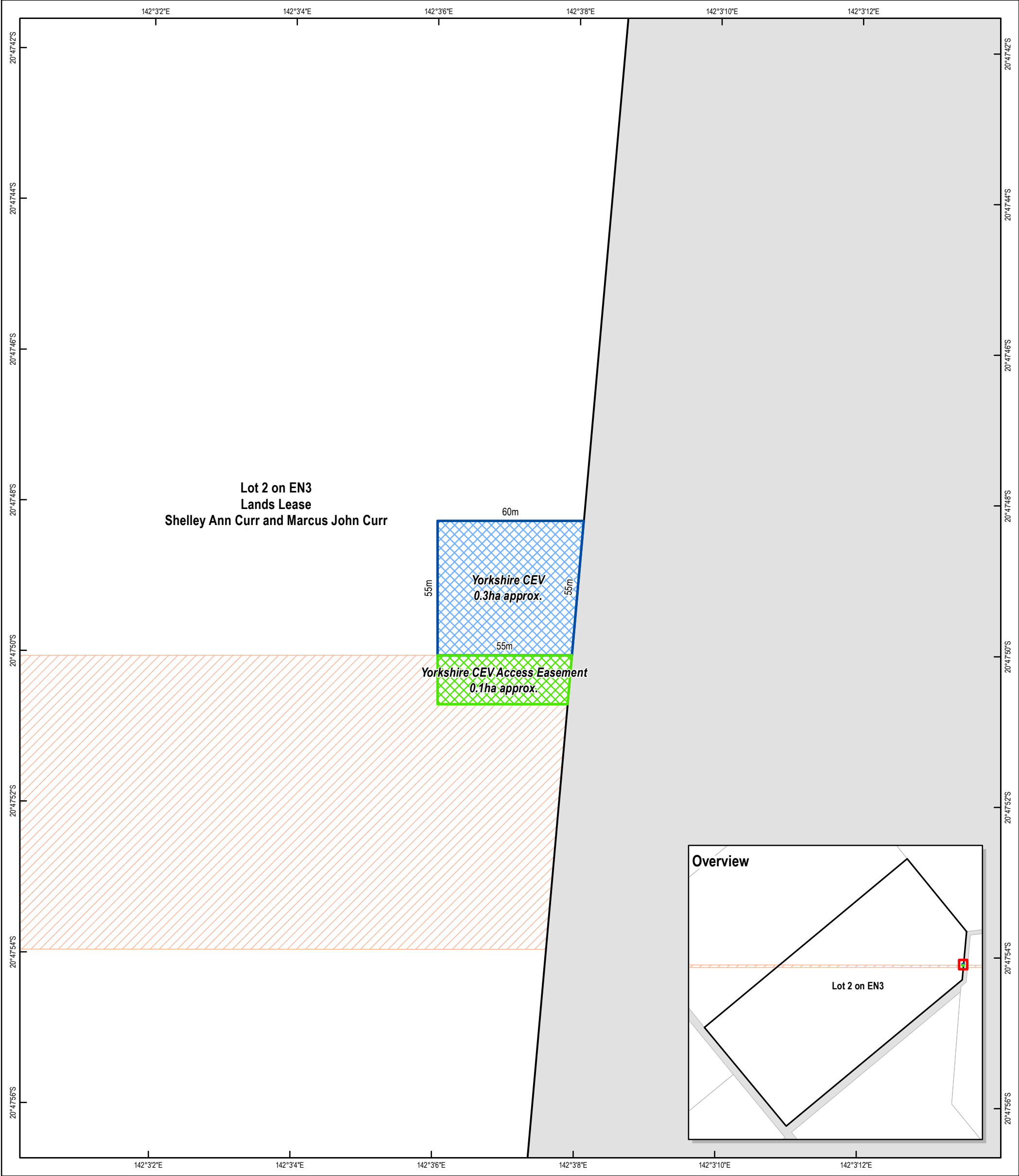
PROJECT **CopperString 2.0**

TITLE **Option Map  
Warreah South CEV**

Prepared by

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Map Revision **C**



**Legend**

- Proposed Site
- Access Easement
- Subject Parcel
- Proposed CopperString Corridor
- Property Boundary
- Road Reserve

metres  
Coordinate System  
GDA 1994 MGA Zone 54

**Notes/Data Sources**  
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WKSP GISWR\_00188\_Yorkshire\_CEV

Revision History			
Rev	Drawn	Check	Date
A	DJ	IB	26/08/2019
B	DJ	IB	29/10/2020

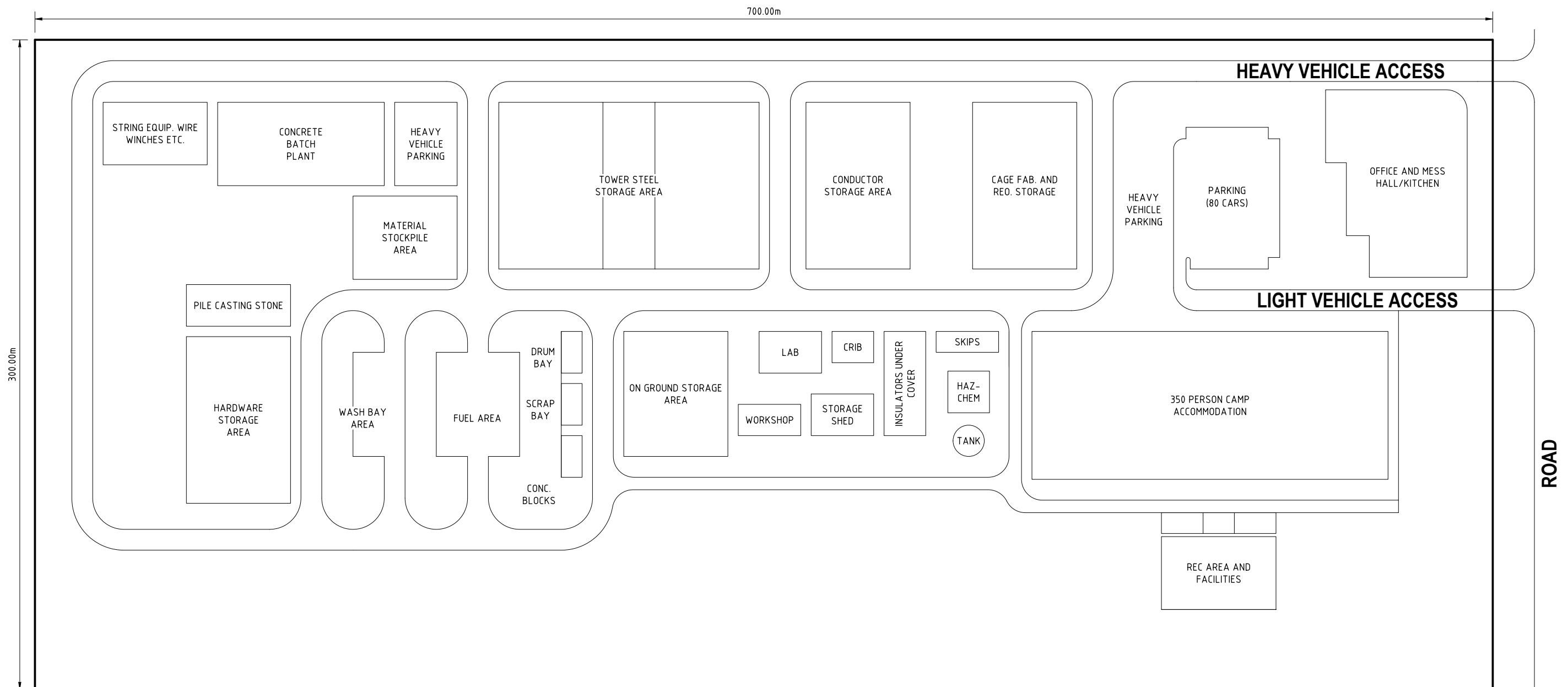
PROJECT **CopperString 2.0**

TITLE **Option Map  
Yorkshire CEV**

Prepared by

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Map Revision  
**B**



REVISION: 1  
10/11/2020

Job No.  
**FC-20-067**

DWG No.  
**Z-011**

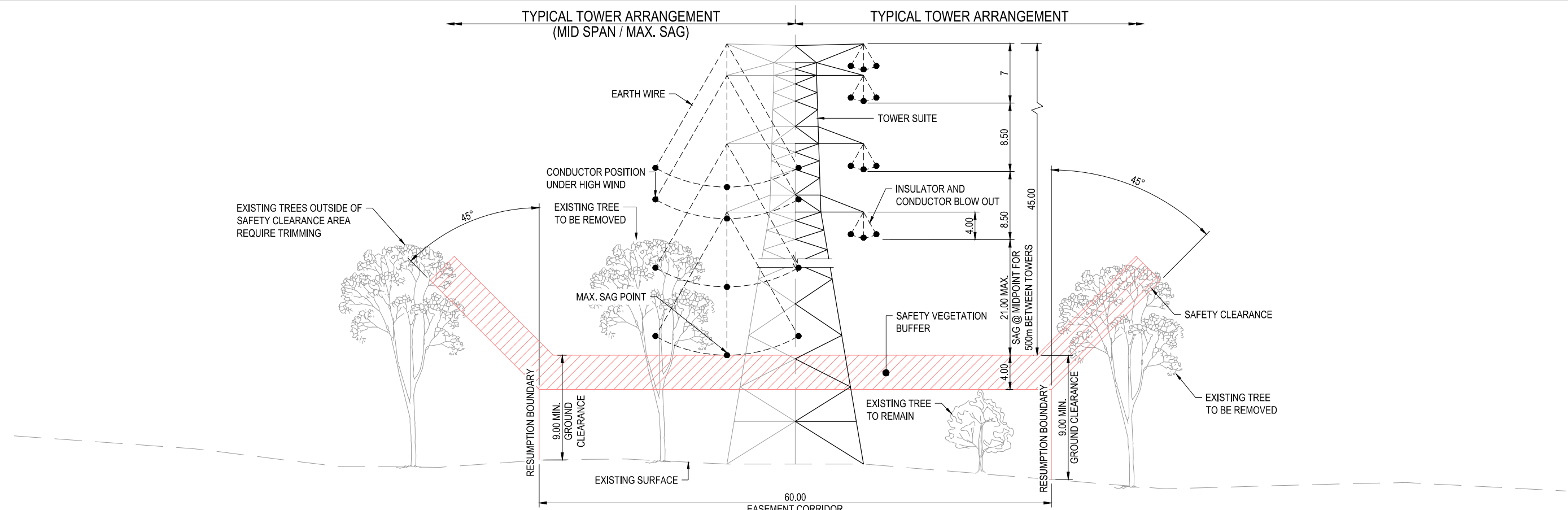
## TYPICAL CAMP & LAYDOWN LAYOUT CU STRING PROJECT

DO NOT SCALE FROM PLAN

**ENGINEERING SOLUTIONS QLD.**  
4/31 MAIN STREET, PIALBA  
PO Box 1050, HERVEY BAY QLD 4655  
T: (07) 4194 1550  
E: [admin@engineeringsolutionsqld.com.au](mailto:admin@engineeringsolutionsqld.com.au)  
W: [www.engineeringsolutionsqld.com.au](http://www.engineeringsolutionsqld.com.au)  
**CLIENTS - SERVICE - SOLUTIONS**

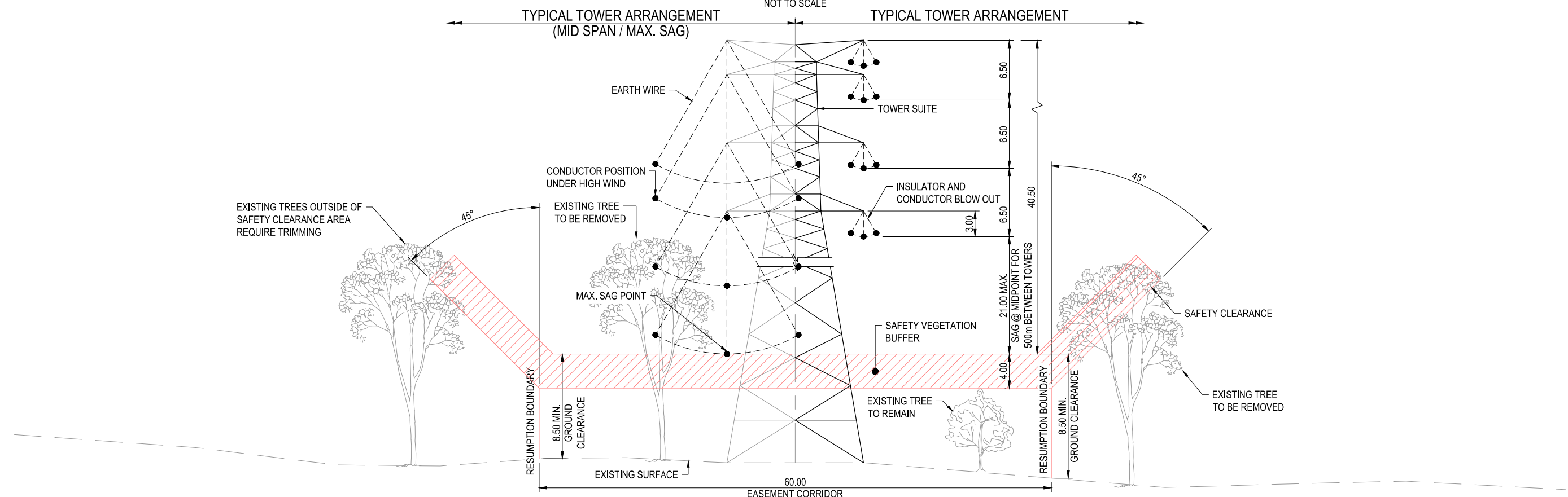






TYPICAL CROSS SECTION - 330kV

NOT TO SCALE



TYPICAL CROSS SECTION - 220kV

NOT TO SCALE

FOR INFORMATION

A	ISSUED FOR INFORMATION			AS	3.07.20
No	Revision	Note: * indicates signatures on original issue of drawing or last revision of drawing			Date

Plot Date: 27 October 2020 - 8:36 AM Plotted by: Alan Starmar

Cad File No: C:\12d\ISW\data\P-00-12D-001\42-21176 - CuString 2.0\_651\CADD\Drawings\42-21176-XC\_DESN\_DRAWINGS.dwg



145 Ann St Brisbane QLD 4000 Australia  
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T 61 7 3316 3000 F 61 7 3316 3333  
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Drawn A.STARMER

Designer A.STARMER

Drafting Check

Design Check

Approved  
(Project Director)  
Date

Scale AS SHOWN

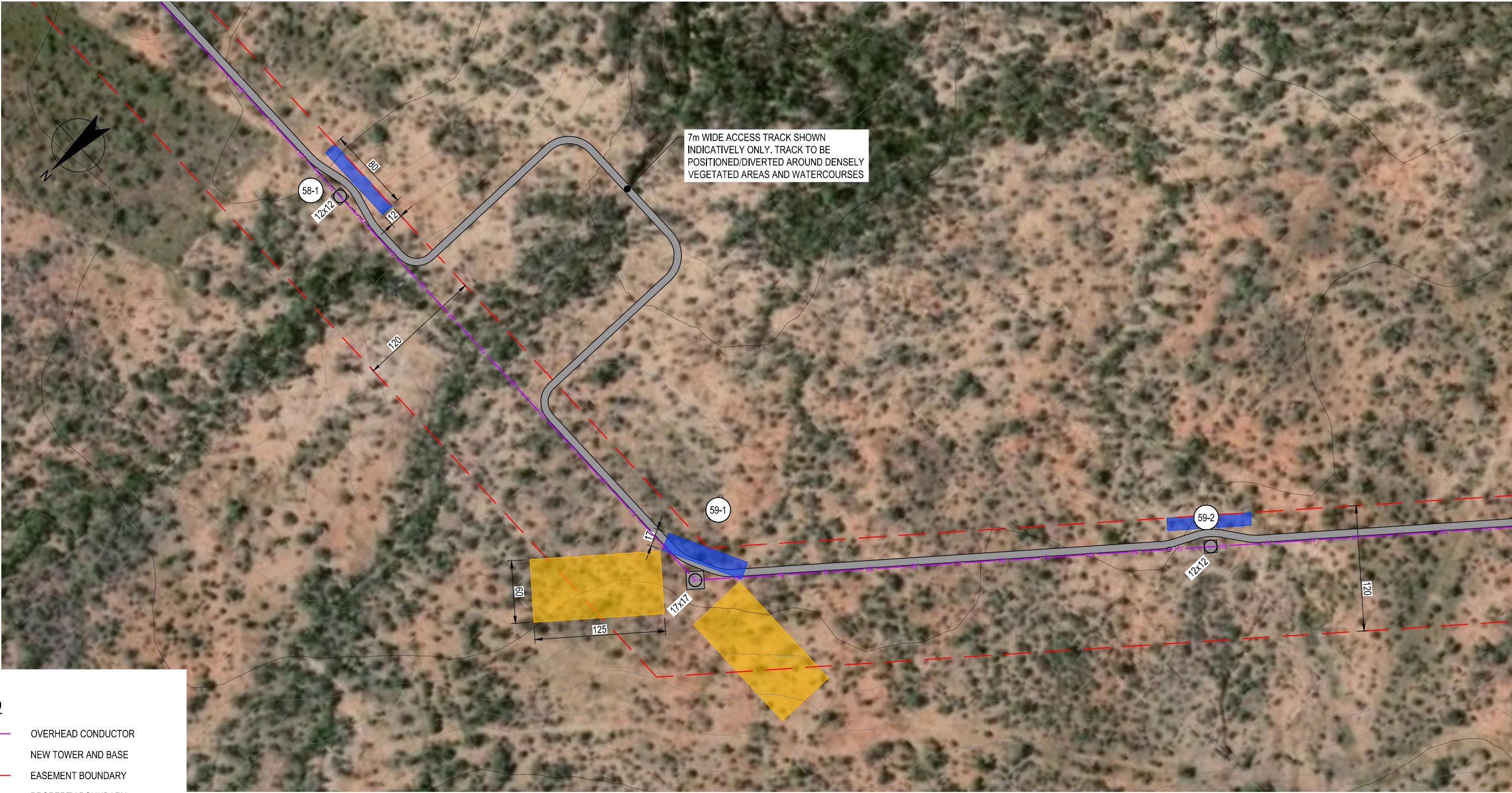
This Drawing must not be  
used for Construction unless  
signed as Approved

Client CUSTRING PTY LTD  
Project COPPERSTRING EIS  
Title TYPICAL CROSS SECTIONS

Original Size  
A1 Drawing No: 42-21176-C0061

Rev: A





LEGEND

- HV OVERHEAD CONDUCTOR
- 12X12 NEW TOWER AND BASE
- EASEMENT BOUNDARY
- PROPERTY BOUNDARY
- E(OH) EXISTING ERGON NETWORK
- EXISTING MINOR CONTOUR (1m)
- EXISTING MAJOR CONTOUR (5m)
- TEMPORARY DISTURBANCE CLEARING FOR TOWER ASSEMBLY
- TEMPORARY DISTURBANCE CLEARING FOR BRAKE AND WINCH

FOR INFORMATION

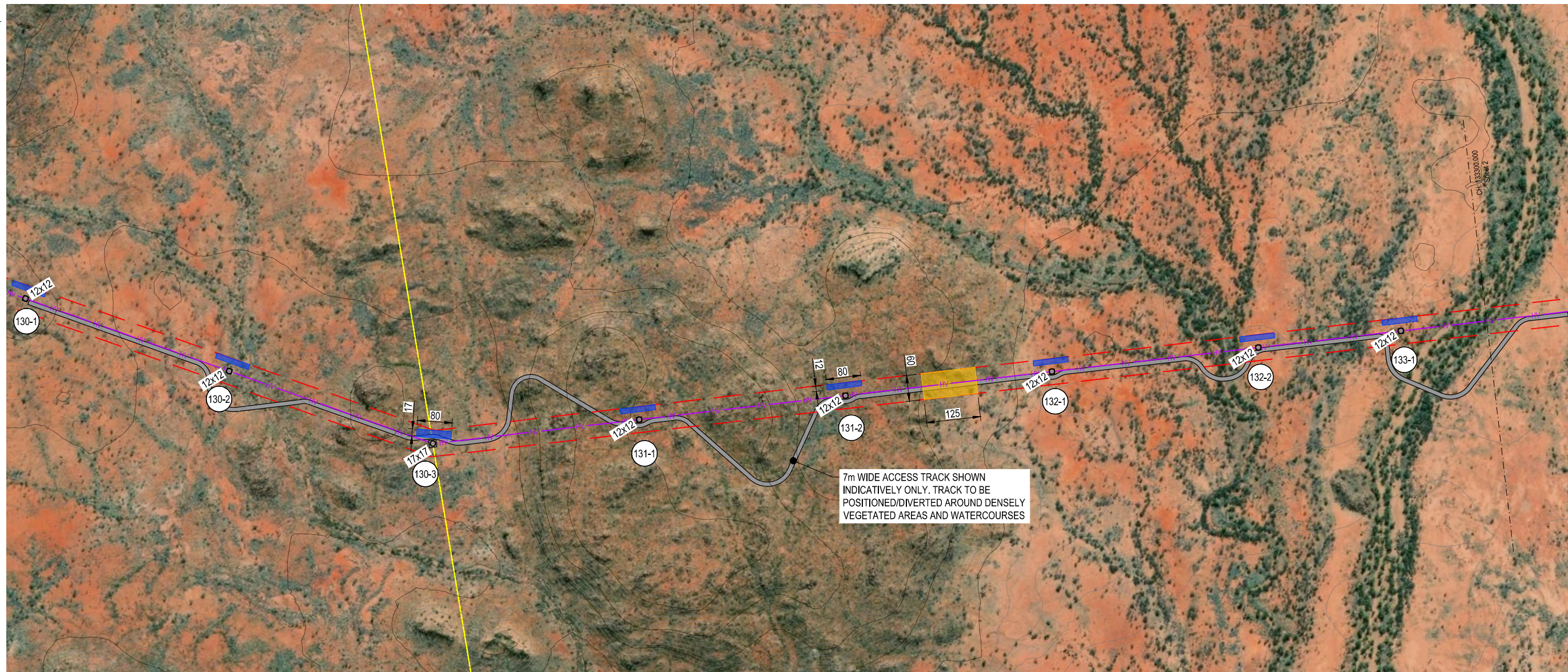
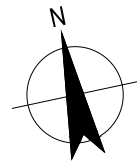
A	ISSUED FOR INFORMATION			AS	3.07.20
No	Revision	Note: * Indicates signatures on original issue of drawing or last revision of drawing			
		Drawn	Job Manager	Project Director	Date



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T 61 7 3316 3000 F 61 7 3316 3333  
E bnm@mail@ghd.com W www.ghd.com

DO NOT SCALE	Drawn	A.STARMER	Designer	A.STARMER	Client	CUSTRING PTY LTD	
					Project	COPPERSTRING EIS	
	Conditions of Use. This document may only be used by GHD's client (and any other person who GHD has agreed can use this document) for the purpose for which it was prepared and must not be used by any other person or for any other purpose.	Approved (Project Director)	Design Check		Title	TYPICAL DETAILS - INDICATIVE DISTURBANCE AREAS FOR TOWERS - SHEET 1 OF 2	
	Date				Original Size	A1	
	Scale	AS SHOWN	This Drawing must not be used for Construction unless signed as Approved		Drawing No:	42-21176-C0071	
						Rev:	A



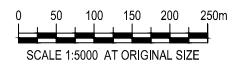


#### LEGEND

	OVERHEAD CONDUCTOR
12x12	NEW TOWER AND BASE
	EASEMENT BOUNDARY
	PROPERTY BOUNDARY
	EXISTING MINOR CONTOUR (1m)
	EXISTING MAJOR CONTOUR (5m)
	TEMPORARY DISTURBANCE CLEARING FOR TOWER ASSEMBLY
	TEMPORARY DISTURBANCE CLEARING FOR BRAKE AND WINCH

FOR INFORMATION

A	ISSUED FOR INFORMATION	AS	3.07.20
No	Revision	Note: * indicates signatures on original issue of drawing or last revision of drawing	Date



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#### DO NOT SCALE

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Drawn	A.STARMER	Designer	A.STARMER
Drafting Check		Design Check	
Approved (Project Director)		Date	
Scale	AS SHOWN	This Drawing must not be used for Construction unless signed as Approved	

Client	CUSTRING PTY LTD
Project	COPPERSTRING EIS
Title	TYPICAL DETAILS - INDICATIVE DISTURBANCE AREAS FOR TOWERS - SHEET 2 OF 2
Original Size	A1
Drawing No:	42-21176-C0081
Rev:	A