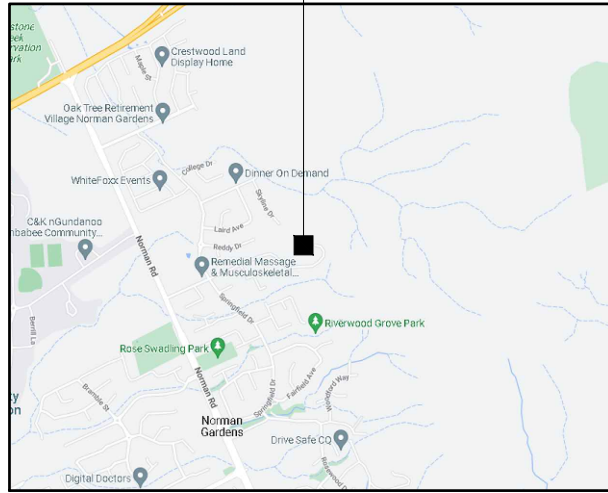




PROPOSED OPTUS  
BASE STATION



### LOCALITY MAP

COPYRIGHT © - GOOGLE MAPS

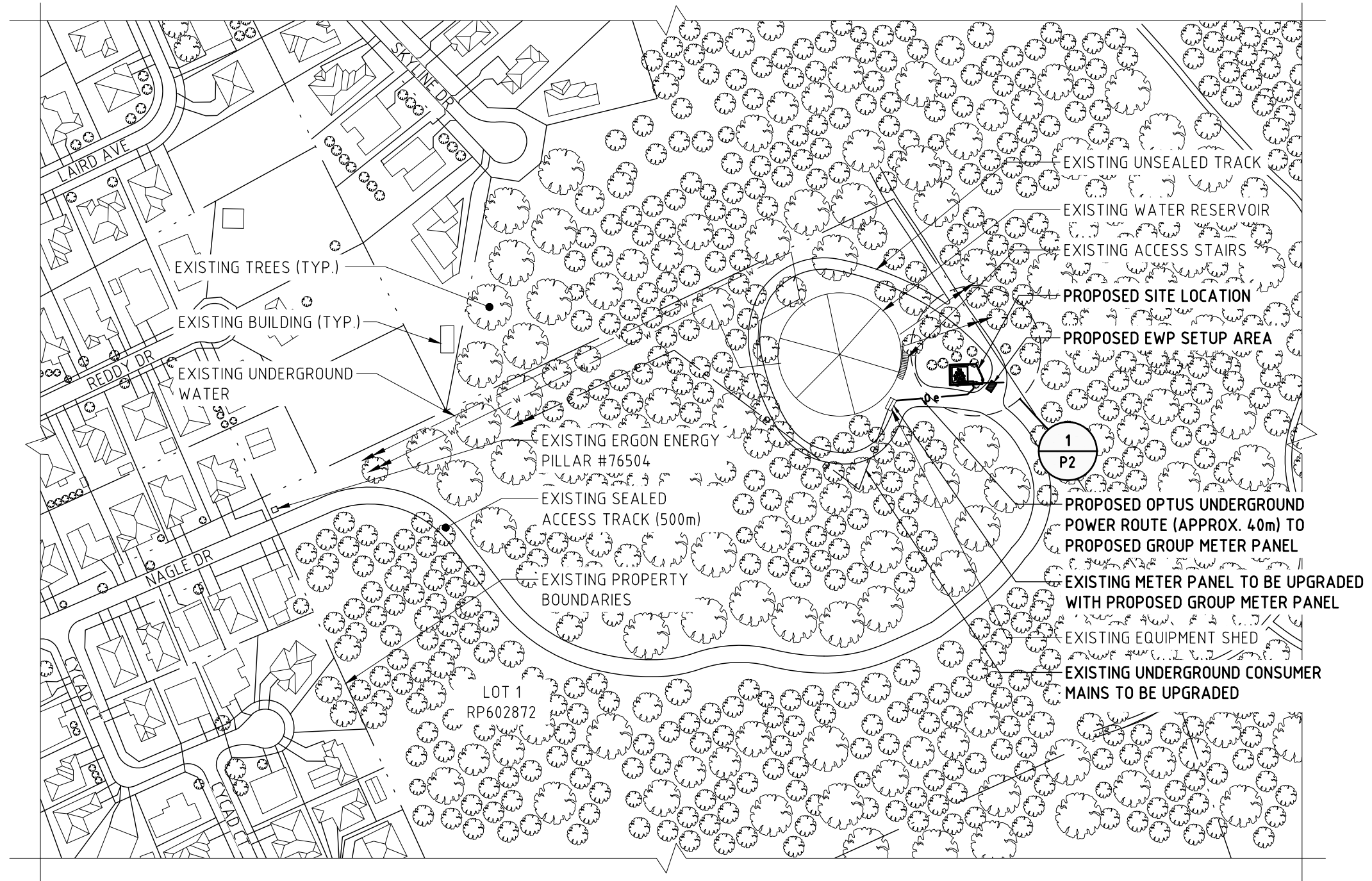
### ROCKHAMPTON REGIONAL COUNCIL

#### APPROVED PLANS

These plans are approved subject to the current conditions of approval associated with

**Development Permit No.:** D/82-2023

**Dated:** 25 July 2024



### OVERALL SITE PLAN

SCALE 1:2000

Rev	Date	Revision Details	Consultant	CAD	Designer	Verifier	Approver
02	04.05.23	ISSUED FOR APPROVAL	KORDIA	SP	JW	AS	BL
01	28.06.22	ISSUED FOR APPROVAL	KORDIA	SP	JW	AS	MI

Level 8, 80 Pacific Hwy, North Sydney, NSW 2060  
www.ventia.com

Client:

Project:

**MOBILE NETWORK AUSTRALIA**  
SITE No:- B2621  
**NORMAN GARDENS EAST**  
50 NAGLE DRIVE

Drawing Title:

**DRAFT SITE LAYOUT SHEET 1 OF 2**

Drawing Status:  
**FOR APPROVAL**

Drawing No.  
**B2621-P1**

Revision  
**02**



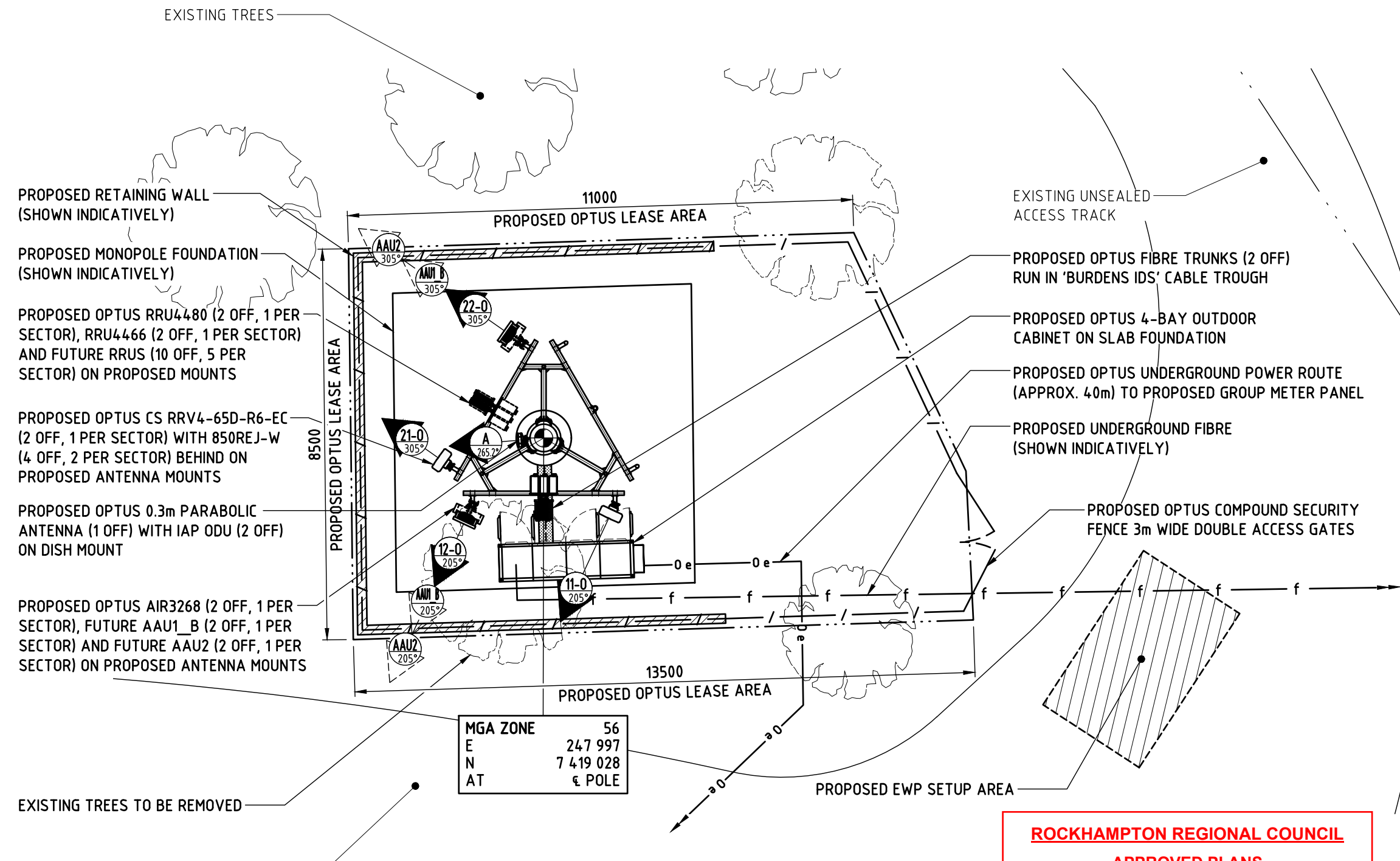
**NOTES:**  
 1. THIS DRAWING IS DIAGRAMMATIC ONLY AND SHOULD NOT BE SCALED.  
 2. DIMENSIONS, COORDINATES, AND LEVELS SHOWN ARE NOMINAL AND SUBJECT TO CONFIRMATION BY SURVEYOR.

**SITE ADDRESS:**

50 NAGLE DRIVE  
 NORMAN GARDENS  
 QLD 4701

**NOTES:**

1. BASIS OF DESIGN
  - > SITE INSPECTION ON 16/05/2022
2. PANEL ANTENNAS
  - > PROPOSED 1 OFF CS RRV4-65D-R6-EC 1 PER SECTOR (2 OFF TOTAL) AT EL 30.0m
  - > PROPOSED 1 OFF AIR3268 PER SECTOR (2 OFF TOTAL) AT EL 31.50m
  - > FUTURE 1 OFF AAU1\_B PER SECTOR (2 OFF TOTAL) AT EL 30.40m
  - > FUTURE 1 OFF AAU2 PER SECTOR (2 OFF TOTAL) AT EL 28.90m
  - > MOUNTED ON PROPOSED TRIANGULAR HEADFRAME
3. TRANSMISSION
  - > TRANSMISSION VIA PARABOLIC ANTENNA
  - > ONLY ONE RADIO LINK REQUIRED - 5 RADIO B-ENDS IDENTIFIED FROM DESPTOP
  - > PA LINK IN ORDER OF PREFERENCE
  - > B2621\_B0401 NEC 2 + 0 WITH IAP ODU, 0.3m ANTENNA AT 25m BEARING 265.2°
  - > B2621\_B1411 NEC 2 + 0 WITH IAP ODU, 0.6m ANTENNA AT 15m BEARING 277.56°
  - > B2621\_B8611 NEC 2 + 0 WITH IAP ODU, 0.6m ANTENNA AT 15m BEARING 181.48°
  - > B2621\_B0401 NEC 2 + 0 WITH IAP ODU, 0.6m ANTENNA AT 15m BEARING 211.08°
  - > B2621\_B2621 NEC 2 + 0 WITH IAP ODU, 1.2m ANTENNA AT 15m BEARING 219.06°
4. EQUIPMENT SHELTER
  - > PROPOSED 4 BAY OPTUS OUTDOOR CABINET
  - > ON PROPOSED SLAB FOUNDATION
5. OPTUS MONOPOLE
  - > PROPOSED OPTUS 30M HIGH MONOPOLE WITH TRIANGULAR HEADFRAME AT EL 30M
6. FEEDER CABLES
  - > PROPOSED 2 OFF 9/18 MLEH ALL SECTORS
  - > LENGTH: 40M ALL SECTORS
  - > PROPOSED SLAB MOUNTED CABLE LADDER
7. SITE ACCESS
  - > VIA EXISTING SEALED ACCESS TRACK (APPROX. 500M) OFF NAGLE DRIVE
8. ANTENNA ACCESS
  - > ONLY BY QUALIFIED PERSONNEL VIA EWP/CHERRY PICKER
9. POWER SUPPLY
  - > RUN UNDERGROUND (APPROX. 50M) FROM EXISTING SITE SUPPLY. TBC



**ROCKHAMPTON REGIONAL COUNCIL**  
**APPROVED PLANS**  
 These plans are approved subject to the current conditions of approval associated with  
**Development Permit No.: D/82-2023**  
**Dated: 25 July 2024**

**DETAIL**  
 SCALE 1:100

Rev	Date	Revision Details	Consultant	CAD	Designer	Verifier	Approver
02	04.05.23	ISSUED FOR APPROVAL	KORDIA	SP	JW	AS	BL
01	28.06.22	ISSUED FOR APPROVAL	KORDIA	SP	JW	AS	MI



Client:  
 Project: **MOBILE NETWORK AUSTRALIA**  
 SITE No:- B2621  
 NORMAN GARDENS EAST  
 50 NAGLE DRIVE

Drawing Title:  
**DRAFT SITE LAYOUT SHEET 2 OF 2**  
 Drawing Status:  
**FOR APPROVAL**  
 Drawing No.  
**B2621-P2**  
 Revision  
**02**

CAD File: C:\Temp\B2621 - Norman Gardens East - DSL - Rev 01 - 20220628.dwg  
 Plot By: Milan Shakya Date: 05.05.23 3:58 PM

**NOTES:**

1. THIS DRAWING IS DIAGRAMMATIC ONLY AND SHOULD NOT BE SCALED.

**ROCKHAMPTON REGIONAL COUNCIL  
APPROVED PLANS**

These plans are approved subject to the current conditions of approval associated with  
**Development Permit No.: D/82-2023**  
**Dated: 25 July 2024**

PROPOSED OPTUS RRU4480 (2 OFF, 1 PER SECTOR), RRU4466 (2 OFF, 1 PER SECTOR) AND FUTURE RRU5 (10 OFF, 5 PER SECTOR) ON PROPOSED MOUNTS

- EL. 31.50m  
⊕ PROPOSED AIR3268 (2 OFF, 1 PER SECTOR)
- EL. 30.40m  
⊕ FUTURE AAU1\_B (2 OFF, 1 PER SECTOR)
- EL. 30.00m  
⊕ PROPOSED CS RRV4-65D-R6-EC (2 OFF, 1 PER SECTOR) TOP OF PROPOSED MONOPOLE
- EL. 28.90m  
⊕ FUTURE AAU2 (2 OFF, 1 PER SECTOR)
- PROPOSED OPTUS 30m HIGH MONOPOLE WITH TRIANGULAR HEADFRAME ON TOP
- EL. 25.00m  
⊕ PROPOSED 0.3m ANTENNA (1 OFF) WITH IAP ODU (2 OFF)

PROPOSED OPTUS FIBRE TRUNKS (2 OFF) RUN INSIDE MONOPOLE

PROPOSED OPTUS 4-BAY OUTDOOR CABINET ON SLAB FOUNDATION

PROPOSED OPTUS COMPOUND SECURITY FENCE 3m WIDE DOUBLE ACCESS GATES

PROPOSED RETAINING WALL (SHOWN INDICATIVELY)

PROPOSED OPTUS UNDERGROUND POWER ROUTE (APPROX. 4.0m) TO PROPOSED GROUP METER PANEL

**SOUTH ELEVATION**  
SCALE 1:100

Rev	Date	Revision Details	Consultant	CAD	Designer	Verifier	Approver
02	04.05.23	ISSUED FOR APPROVAL	KORDIA	SP	JW	AS	BL
01	28.06.22	ISSUED FOR APPROVAL	KORDIA	SP	JW	AS	MI



Level 8, 80 Pacific Hwy, North Sydney, NSW 2060  
www.ventia.com

Client:



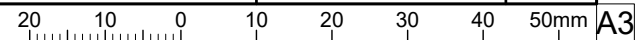
Project:  
**MOBILE NETWORK AUSTRALIA**  
SITE No:- B2621  
**NORMAN GARDENS EAST**  
50 NAGLE DRIVE

Drawing Title:  
**DRAFT SITE ELEVATION**

Drawing Status:  
**FOR APPROVAL**

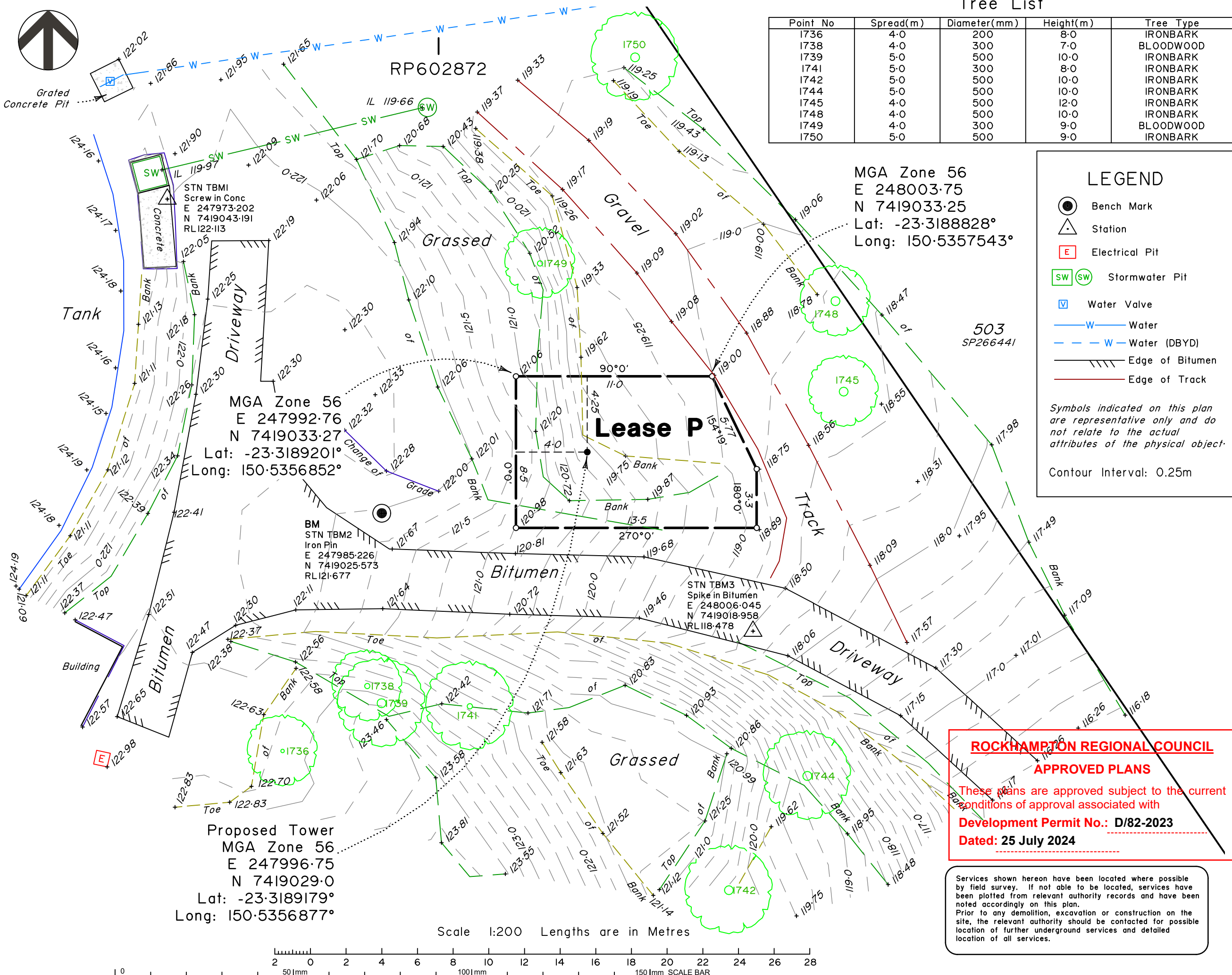
Drawing No.  
**B2621-P3**

Revision  
**02**





Grated Concrete Pit



**Tree List**

Point No	Spread(m)	Diameter(mm)	Height(m)	Tree Type
1736	4.0	200	8.0	IRONBARK
1738	4.0	300	7.0	BLOODWOOD
1739	5.0	500	10.0	IRONBARK
1741	5.0	300	8.0	IRONBARK
1742	5.0	500	10.0	IRONBARK
1744	5.0	500	10.0	IRONBARK
1745	4.0	500	12.0	IRONBARK
1748	4.0	500	10.0	IRONBARK
1749	4.0	300	9.0	BLOODWOOD
1750	5.0	500	9.0	IRONBARK

MGA Zone 56  
 E 248003.75  
 N 7419033.25  
 Lat: -23.3188828°  
 Long: 150.5357543°

**LEGEND**

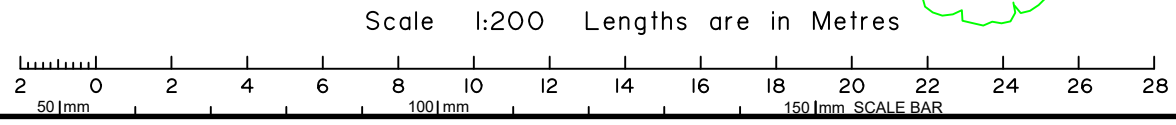
- Bench Mark
- Station
- Electrical Pit
- Stormwater Pit
- Water Valve
- Water
- Water (DBYD)
- Edge of Bitumen
- Edge of Track

*Symbols indicated on this plan are representative only and do not relate to the actual attributes of the physical object.*

Contour Interval: 0.25m

MGA Zone 56  
 E 247992.76  
 N 7419033.27  
 Lat: -23.3189201°  
 Long: 150.5356852°

Proposed Tower  
 MGA Zone 56  
 E 247996.75  
 N 7419029.0  
 Lat: -23.3189179°  
 Long: 150.5356877°



Optus Mobile Site: B2621  
 Norman Gardens East  
 For  
 Ventia

**IMPORTANT NOTES:**  
 (These notes are an integral part of this plan)  
 This plan has been prepared for Ventia for the purposes of design.  
 It is not to be used by any other person or corporation or for any other purposes.

Copyright © Veris Australia Pty Ltd.  
 7 September 2023

THESE DESIGNS AND DRAWINGS ARE COPYRIGHT AND ARE NOT TO BE USED OR REPRODUCED WITHOUT THE WRITTEN PERMISSION OF VERIS

Data Sources		
Cadastral Boundaries	N/A	
Contours / Topographic	N/A	
Aerial Images	N/A	
Flood Level	N/A	
Engineering Design	N/A	
Architectural Design	N/A	
Landscape Design	N/A	

Issue	Revisions	Date	Drawn
A	Added Pole Centre & Co-ord	7.09.2023	MSG
A	Original	25.08.2023	RCS

Locality: Norman Gardens  
 Local Authority: Rockhampton Reg.  
 Horizontal Datum: GDA 2020  
 Horizontal Meridian: MGA Zone 56  
 Vertical Level Datum: AHD  
 Level Origin: PM40035 RL 31.053  
 Scale: 1:200 @ A3  
 Surveyed: RAMS 27/7/23  
 Designed: \*  
 Drawn: RCS 25/8/23  
 Checked: MSG 5/9/23  
 Plot Date: 07 Sep, 2023  
 Computer File Ref: 400844-057-DS01-B.dwg

Plan of Level & Detail  
 Survey over part of  
 Lot 1 on RP602872  
 50 Nagle Drive,  
 Norman Gardens



**ROCKHAMPTON REGIONAL COUNCIL**  
**APPROVED PLANS**

These plans are approved subject to the current conditions of approval associated with  
**Development Permit No.: D/82-2023**  
**Dated: 25 July 2024**

Services shown hereon have been located where possible by field survey. If not able to be located, services have been plotted from relevant authority records and have been noted accordingly on this plan.  
 Prior to any demolition, excavation or construction on the site, the relevant authority should be contacted for possible location of further underground services and detailed location of all services.

veris

BRISBANE (07) 3666 4700 WHITSUNDAYS (07) 4945 6600  
 MACKAY (07) 4957 9700 CAIRNS (07) 4252 9400

veris.com.au  
 ACN 615 735 727  
 Veris Australia Pty Ltd

Drawing No 400844-057-DS01 Issue B