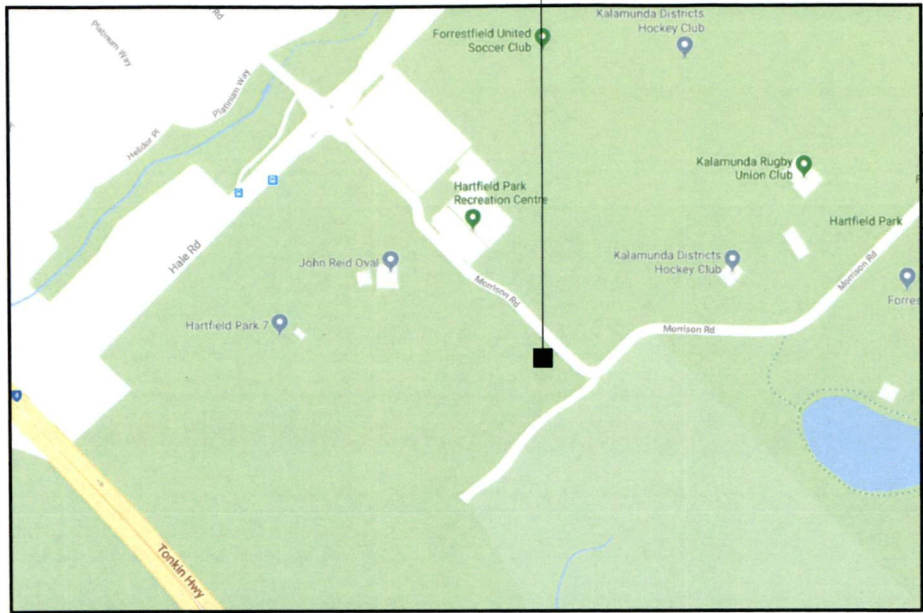


SITE ADDRESS

LOT 300 PLAN 44636  
199 HALE ROAD  
FORRESTFIELD, WA 6058

OPTUS SITE P0642



TOPOGRAPHIC MAP ... COPYRIGHT © GOOGLE MAPS

SITE LOCATION DATA	
SOURCE: SURVEY	
DATUM: MGA (GDA94)	ZONE: 50
REF LOCATION:	€ MONOPOLE
EASTING	405 467
NORTHING	6 459 783
LATITUDE	-31.995297°
LONGITUDE	115.997799°
WGS84 DATUM (USED BY GPS DEVICES) CAN BE CONSIDERED SAME AS GDA94 (SOURCE: "GEOCENTRIC DATUM OF AUSTRALIA TECHNICAL MANUAL" VERSION 2.3)	

EXISTING SITE HAZARDS

- 1. EXISTING EME TRANSMITTING ANTENNAS
- 2. MANUAL HANDLING
- 3. WORKING AT HEIGHTS
- 4. SLIP, TRIP AND FALLS
- 5. ELECTRICAL HAZARDS
- 6. WEATHER / LIGHTNING
- 7. SUN EXPOSURE
- 8. WILDLIFE / INSECTS

WHS SAFETY IN DESIGN RISK ASSESSMENT

ALL HAZARDS ASSOCIATED WITH THE DESIGN OF THE NEW WORKS AS WELL AS ANY EXISTING OR LEGACY DOCUMENTATION "OM38346 - MRD WHS SAFETY IN DESIGN RISK ASSESSMENT MATRIX".

SITE SIGNAGE

- 1. SITE SIGNAGE SHALL BE IN ACCORDANCE WITH OSD-170 (GROUND SITE).
- 2. SPECIFY SPECIAL REQUIREMENTS REQUIRED BY SITE PROVIDER, LOCAL AUTHORITY, ETC

EME EXCLUSION ZONES

- 1. REFER TO RADIO COMMUNICATIONS SITE MANAGEMENT BOOK (RCSMB) FOR LATEST EME EXCLUSION ZONES FOR EXISTING AND NEW ANTENNAS AT THIS SITE.
- 2. REFER TO DRAWING P0642-G3 FOR CONTROL MEASURES AT THIS SITE (IF APPLICABLE).

GENERAL

- 1. THE CONTRACTOR SHALL COMPLY WITH ALL THE RELEVANT OPTUS CONSTRUCTION STANDARDS AND SPECIFICATIONS.
- 2. ALL INFORMATION TO BE CHECKED ON SITE PRIOR TO FABRICATION AND CONSTRUCTION.

OPTUS MONOPOLE

- 1. OPTUS 35m HIGH SLIMLINE MONOPOLE WITH CIRCULAR HEADFRAME.
- 2. OPTUS ANTENNAS TO BE INSTALLED ON CIRCULAR HEADFRAME AT EL 35.0m. MONOPOLE AND HEADFRAME DETAILS, INCLUDING ANTENNA MOUNTS, FEEDER CABLE SUPPORTS, SHALL BE DESIGNED IN ACCORDANCE WITH THE "OPTUS TOWER SPECIFICATION" (OSD-030).
- 3. ANTENNA MAINTENANCE ACCESS BY QUALIFIED PERSONNEL ONLY.
- 4. REFER TO CONSULTANT'S GEOTECHNICAL INVESTIGATION REPORT FOR SUBSOIL CONDITIONS.

EQUIPMENT SHELTER

3 BAY ODU ON CONCRETE SLAB.

TRANSMISSION

THIS SITE SHALL BE LINKED TO THE NETWORK VIA Ø600mm RT DISH (TBC). FOR RADIO LINKS, WORKS AT THE LINK SITE SHALL BE CARRIED OUT IN ACCORDANCE WITH LINK SITE'S TRANSMISSION DRAWINGS, ISSUED SEPARATELY.

REMOTE ELECTRONIC TILT

RET CONTROL FOR THIS SITE TO BE INSTALLED AS PER OPTUS (OM38040) RET/MHA DEPLOYMENT GUIDE LATEST REVISION.

CONSTRUCTION SITE ACCESS


ACCESS VIA MORRISON ROAD.

Rev	Date	Revision Details	Consultant	CAD	Designer	Verifier	Approver
01	09.03.18	ISSUED NOT FOR CONSTRUCTION (ROAD AND RAIL PROJECT)	SSMC	JM	DW	ST	CT



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Client:



Project:

**MOBILE NETWORK AUSTRALIA**  
SITE No:- P0642  
**FORRESTFIELD SOUTH**  
199 HALE ROAD, FORRESTFIELD

Drawing Title:

**SITE SPECIFICATIONS**

Drawing Status:

**NOT FOR CONSTRUCTION**

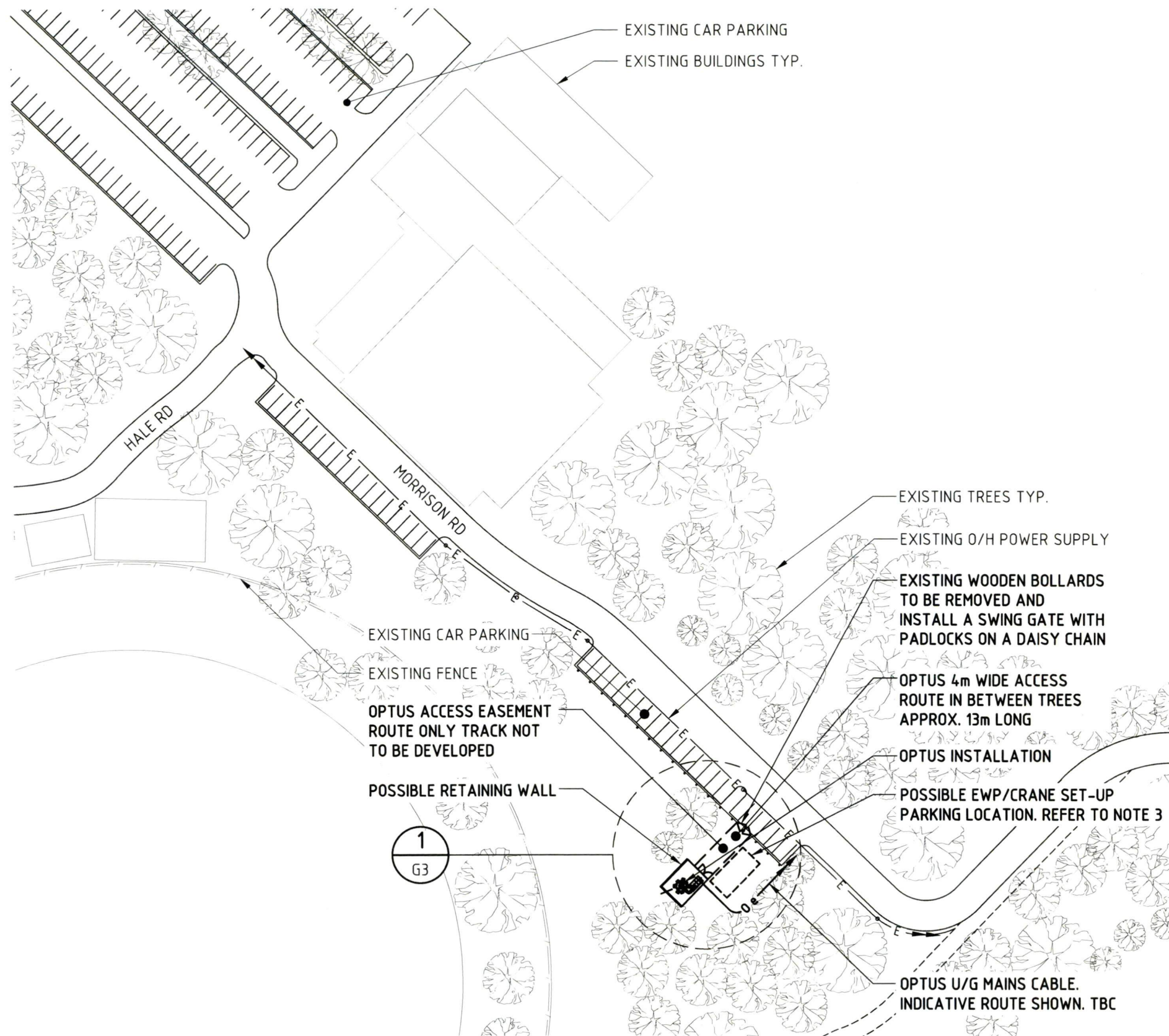
Drawing No.

**P0642-G1**

Revision

**01**





### NOTES:

1. ALL INFORMATION TO BE CHECKED ON SITE PRIOR TO FABRICATION AND CONSTRUCTION.
2. DRAWINGS BASED ON INFORMATION PROVIDED BY OTHERS.
3. CONSTRUCTION CONTRACTOR TO CONFIRM SUITABILITY OF NEW EWP SET-UP/PARKING LOCATION ON SITE PRIOR TO WORK COMMENCING.
4. SERVICES INFORMATION CONTAINED ON THIS DRAWING IS INDICATIVE ONLY AND REFERENCE SHOULD BE MADE TO THE AUTHORITIES DRAWINGS TO CONFIRM ACCURACY AND COMPLETENESS. WHERE INFORMATION IS AVAILABLE, THE SUB-SURFACE SERVICES INSTALLED BY AGENTS OTHER THAN AUTHORITIES HAVE BEEN SHOWN, BUT ADDITIONAL UNDOCUMENTED SERVICES MAY BE PRESENT. SHOULD THE CONTRACTOR BELIEVE THAT SUB-SURFACE SERVICES ARE AT RISK OF DAMAGE DURING CONSTRUCTION, THE CONTRACTOR SHOULD NOTIFY THE RELEVANT AUTHORITIES AND ESTABLISH THE EXACT LOCATION OF THE SERVICES.

### LEGEND

— 0 e — 0 e —	OPTUS UG ELECTRICITY
— E — E —	O/H POWER SUPPLY
— / — / —	FENCE LINE

## OVERALL SITE PLAN

SCALE 1:1000



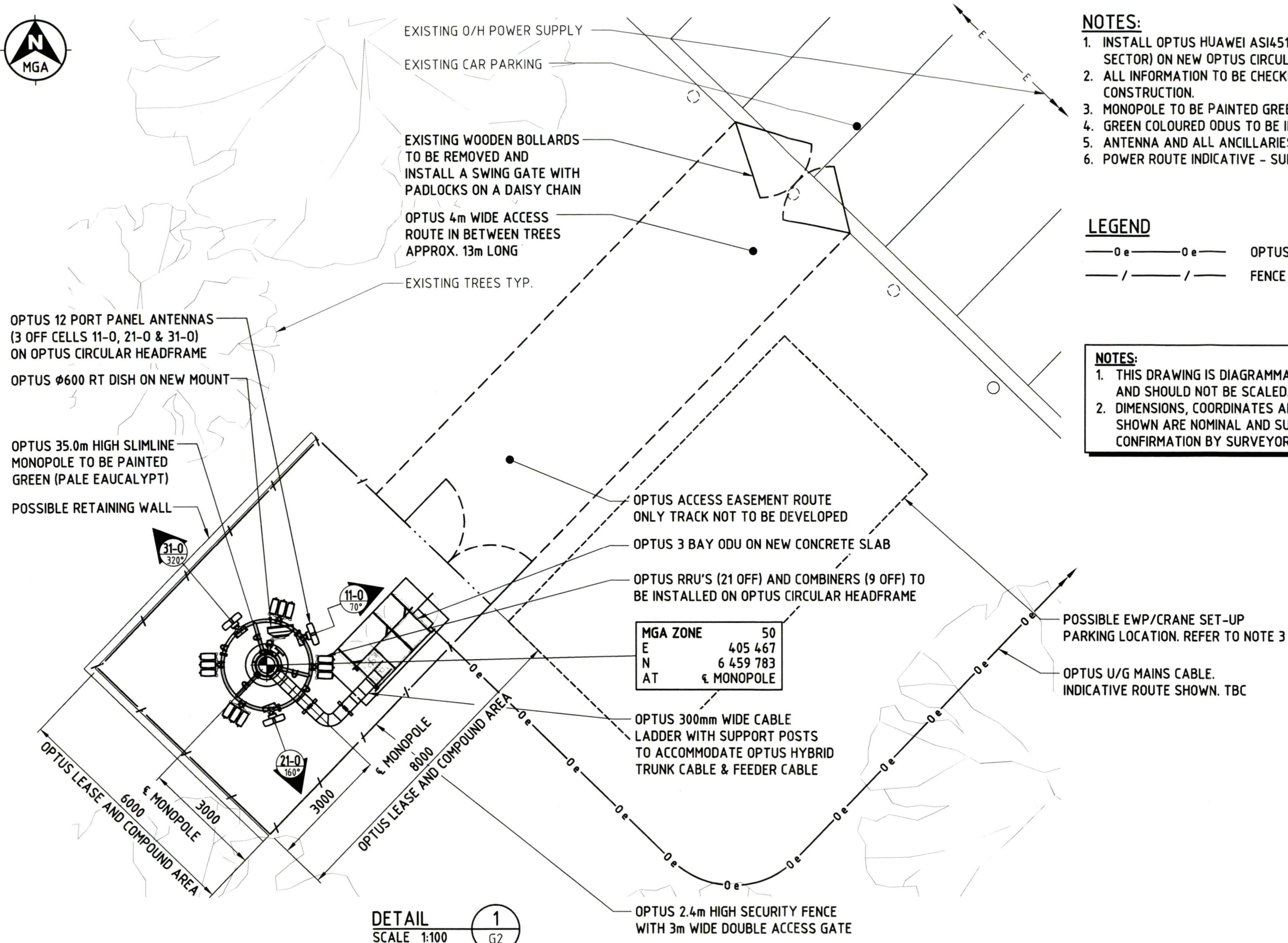
Client:  
Project:  
MOBILE NETWORK  
AUSTRALIA  
SITE No:- P0642  
FORRESTFIELD SOUTH  
199 HALE ROAD, FORRESTFIELD

Drawing Title:  
OVERALL SITE PLAN

Drawing Status: NOT FOR CONSTRUCTION  
Drawing No. P0642-G2  
Revision 01

20 10 0 10 20 30 40 50mm A3





NOTES:

1. INSTALL OPTUS HUAWEI ASI4517R1 12-PORT PANEL ANTENNAS (1 OFF PER SECTOR) ON NEW OPTUS CIRCULAR HEADFRAME.
2. ALL INFORMATION TO BE CHECKED ON SITE PRIOR TO FABRICATION AND CONSTRUCTION.
3. MONOPOLE TO BE PAINTED GREEN.
4. GREEN COLOURED ODUS TO BE INSTALLED.
5. ANTENNA AND ALL ANCILLARIES TO BE PAINTED GREEN.
6. POWER ROUTE INDICATIVE - SUBJECT TO WESTERN POWER DETAIL DESIGN.

### LEGEND

— 0 e — 0 e — OPTUS UG ELECTRICITY  
— / — / — FENCE LINE

**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.

MGA ZONE	50
E	405 467
N	6 459 783
AT	€ MONOPOLE

01	09.03.18	ISSUED NOT FOR CONSTRUCTION (ROAD AND RAIL PROJECT)		SSMC	JM	DW	ST	CT	
Rev	Date	Revision Details		Consultant	CAD	Designer	Verifier	Approver	



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Client:	
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Project:

Project: MOBILE NETWORK  
AUSTRALIA  
SITE No:- P0642  
FORRESTFIELD SOUTH  
199 HALE ROAD, FORRESTFIELD

Drawing Title:
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## SITE LAYOUT AND SETOUT PLAN

Drawing Status:

**NOT FOR CONSTRUCTION**

Drawing No.
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Drawing No.  
**P0642-G3**

Revision

01

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Rev	Date	Revision Details	Consultant	CAD Designer	Verifier	Approver
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						CT



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Client:

OPTUS

Project:

MOBILE NETWORK  
AUSTRALIA  
SITE No: - P0642  
FORESTFIELD SOUTH  
199 HALE ROAD, FORESTFIELD

Drawing Title:

SITE ELEVATION

Drawing Status:

NOT FOR CONSTRUCTION P0642-G4

Drawing No:

P0642-G4

Revision

01

#### NOTES:

1. REFER TO DRAWING P0642-G1 FOR SITE SPECIFIC NOTES.
2. THIS DRAWING IS DIAGRAMMATIC ONLY AND SHOULD NOT BE SCALED.

