

PROPOSED OPTUS
BASE STATION

PROPOSED OPTUS 2.4m

PROPOSED OPTUS P
ANTENNAS (6 OFF) (TYP.)

PROPOSED OPTUS Ø600
PARABOLIC ANTENNA
(1 OFF)

RECYCLED CONCRETE
GROUND COVER

PROPOSED OPTUS RRUs
(16 OFF AT 34m AND 16
OFF AT 31.2m) (TYP.)

TREES TO BE TRIMMED
ACCORDANCE WITH EIS AND
SURVEY COMPLETION-TBC

EXISTING OPTUS ACCESS
TRACK APPROX. 45m
EXISTING PROPERTY
BOUNDARY (TBC AT SURVEY)
EXISTING BUILDING (TYP.)
EXISTING ACCESS ROUTE

PROPOSED OPTUS
INSTALLATION
EXISTING TREES TYP

EXISTING DISTRIBUTION
BOARD & PROPERTY
POWER POLE #71486

LOCALITY MAP

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SITE ADDRESS:

LOT 100/DP1178907
NORTH BYRON PARKLANDS
2 JONES ROAD
WOYUNG NSW 2483

NOTES:

PROPOSED CRANE/EWP
LOCATION (TBC BY
CONSTRUCTION CONTRACTOR)

1. BASIS OF DESIGN
 - > SITE INSPECTION 24/08/2016
2. PANEL ANTENNAS
 - > 3-OFF AT EL 36.5m (2-OFF TTB_609019 (6P) 2m LONG AND 1-OFF ASI4517R1 (12P) 2.6m LONG)
 - > SECTOR 1 - 0°, SECTOR 4 - 130°, SECTOR 5 - 230°
 - > MOUNTED ON PROPOSED TURRET HEADFRAME
 - > 3-OFF AT 31.7m (2-OFF TTB_609019 (6P) 2m LONG AND 1-OFF ASI4517R1 (12P) 2.6m LONG)
 - > SECTOR 2 - 25°, SECTOR 3 - 60°, SECTOR 6 - 325°
 - > MOUNTED ON PROPOSED STRAP MOUNT
3. TRANSMISSION - TBC
 - > PROPOSED Ø600 PARABOLIC ANTENNA AT EL 20m-TBC
 - > FUTURE Ø1200 PARABOLIC ANTENNA (1 OFF) AT EL 28.7m-TBC
 - > LINK SITE: B0813 BEARING 358.01°
4. OUTDOOR CABINET
 - > PROPOSED OPTUS 2-BAY OTC (FUTURE 3-BAY OTC), COLOURED "PALE EUCALYPT"
 - > SUPPORTED ON SHARED PAD FOUNDATION
5. OPTUS MONOPOLE
 - > 35m HIGH MONOPOLE WITH TURRET HEADFRAME AT EL 36.5m AND STRAP MOUNT AT 31.7m
6. FEEDER CABLES/HYBRID TRUNK CABLES
 - > 6-OFF 6/12 MLEH & 1 OFF LDF 4-50 FOR MW IF CABLE ALL SECTORS
 - > LENGTH: 45m ALL SECTORS
 - > 450mm WIDE HORIZONTAL CABLE LADDER
7. SITE ACCESS
 - > OFF JONES ROAD ON LHS TRAVELING EAST APPROXIMATELY 400m FROM INTERSECTION OF TWEED VALLEY WAY JONES ROAD
8. ANTENNA ACCESS
 - > ACCESS VIA EWP AS NON-ACCESSIBLE HEADFRAME AND MONOPOLE
9. POWER SUPPLY
 - > 3-PHASE LV SUPPLY IS AVAILABLE FROM ESSENTIAL ENERGY POWER POLE #71486
 - > DETAILS TO BE CONFIRMED/ADV
10. OTHER (PAINTING,
 - > THIS SITE IS IN A BUSHFIRE INTENDED
 - > PROPOSED OPTUS PALE EUCALYPT
 - > VEGETATION SURVEY COMPLETED

OPTUS 'ACO
CABLEMATE' POLYMER
CONCRETE DUCT CAST INTO
FOUNDATION

PROPOSED OPTUS 2-BAY
OTC ON SHARED PAD
FOUNDATION

FUTURE OPTUS 3-BAY OTC

PROPOSED OPTUS MONOPOLE
FOUNDATION (SHOWN
INDICATIVE ONLY) - TBC

FUTURE OPTUS Ø1200
PARABOLIC ANTENNA (1 OFF)

PROPOSED OPTUS 35m HIGH
MONOPOLE WITH PROPOSED 3m
TURRET HEADFRAME AT 36.5m
AND PROPOSED OPTUS STRAP
MOUNT AT 31.7m. REFER NOTE
2 FOR ANTENNA DETAILS.

SECTOR 3

OPTUS
POWER ROUTE APPROX. 15m
(INDICATIVE ONLY) - TBC

SECTOR 1

DETAIL
SCALE 1:100

SECTOR 6

SECTOR 2

OVERALL SITE PLAN

SCALE 1:2500

**OPTUS ANTENNAS PLAN
AT LEVEL EL 36.50m**

SCALE 1:100

**OPTUS ANTENNAS PLAN
AT LEVEL EL 31.70m**

SCALE 1:100

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Project:
**MOBILE NETWORK
AUSTRALIA**
SITE No:- B8902 - 0

Drawing Title:
DRAFT SIT

EL 38.28m ▽
OVERALL HEIGHT

NOTE:
THIS DRAWING IS DIAGRAMMATIC ONLY
AND SHOULD NOT BE SCALED.

€ PROPOSED OPTUS PANEL ANTENNAS (3 OFF)

€ PROPOSED OPTUS RRU'S (16 OFF)
€ PROPOSED OPTUS COMBINER (10 OFF)
€ FUTURE OPTUS MHAS (3 OFF)

▽ EL 31.70m
€ PROPOSED OPTUS PANEL ANTENNAS (3 OFF)

▽ EL 31.20m
€ PROPOSED OPTUS RRU'S (16 OFF)
€ PROPOSED OPTUS COMBINER (10 OFF)
€ FUTURE OPTUS MHAS (3 OFF)

EL 28.70m
€ FUTURE OPTUS Ø1200 PARABOLIC ANTENNA (1 OFF) (TBC)
€ FUTURE OPTUS ODU'S (7 OFF)

PROPOSED OPTUS 35m HIGH MONOPOLE

PROPOSED OPTUS FEEDER CABLES TO RUN INTERNALLY TO THE MONOPOLE

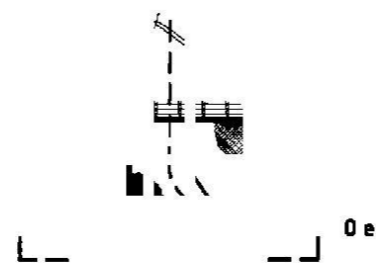
▽ EL 20.00m
€ PROPOSED OPTUS Ø600 PARABOLIC ANTENNA (1 OFF)
€ PROPOSED OPTUS ODU (1 OFF)

EXISTING TREES TYP

EXISTING DISTRIBUTION BOARD & PROPERTY POWER POLE #71486

PROPOSED OPTUS 2.4m HIGH WITH 3m WIDE ACCESS GATE

Y FEN



PROPOSED OPTUS MONOPOLE FOUNDATION (SHOWN INDICATIVE ONLY)-TBC

OPTUS 2-BAY OTC ON SHARED AD FOUNDATION
FUTURE 3-BAY OTC

EL 0.00m
GROUND LEVEL

PROPOSED OPTUS U/G POWER ROUTE APPROX. 15m (INDICATIVE ONLY)-TBC

'ACO CABLEMATE' POLYMER CONCRETE DUCT CAST INTO FOUNDATION

SOUTH WEST ELEVATION

SCALE 1:200

Centre

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Project: **MOBILE NETWORK AUSTRALIA**
SITE No:- **B8902 - O**

Drawing Title: **DRAFT SITE**

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