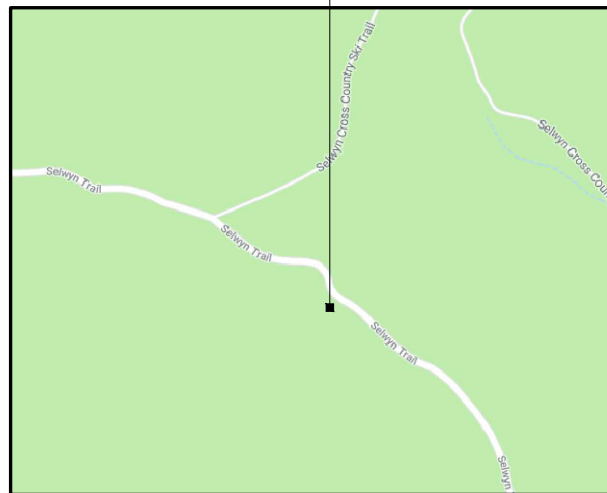


PROPOSED OPTUS
SITE S8597



LOCALITY MAP

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PROPOSED OPTUS 12 PORT
PANEL ANTENNAS
(3 OFF-1 OFF PER SECTOR).

PROPOSED OPTUS ϕ 1800
PARABOLIC ANTENNA ON
PROPOSED DISH MOUNT

PROPOSED OPTUS
TRIANGULAR HEADFRAME

PROPOSED OPTUS RRUs
(9 OFF-3 OFF PER SECTOR)
AND FUTURE RRUs
(3 OFF-1 OFF PER SECTOR)

PROPOSED OPTUS
2.5m x 1.8m ELEVATED
EQUIPMENT SHELTER (A2).

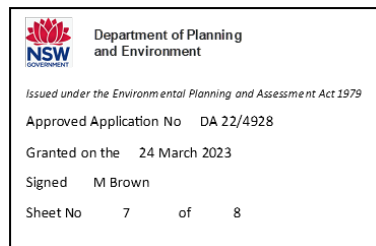
LOT NO. 36
DP 46316

PROPOSED SHELTER
SNOW ROOF

PROPOSED OPTUS U/G
POWER ROUTE (APPROX.
120m LONG).

PROPOSED NEW GOV
AGENCY COMPOUND
(INDICATIVE ONLY)

PROPOSED GOV. AGENCY
EQUIPMENT SHELTER
(INDICATIVE ONLY)



MGA ZONE 55
E 631 795
N 6 025 420
AT € MONOPOLE

DETAIL 1
SCALE 1:100

FUTURE OPTUS AAU2
ANTENNAS (3 OFF-
1 OFF PER SECTOR).

MONOPOLE FOOTING
(INDICATIVE SHOWN)

EXISTING TREES
TO BE REMOVED

HEADFRAME
ALIGNMENT 80° TN

PROPOSED OPTUS 35m
HIGH MONOPOLE.

FUTURE OPTUS ϕ 1200
PARABOLIC ANTENNA
ON OPTUS MOUNT

PROPOSED OPTUS
450 WIDE NEMA 16A
ELEVATED CABLE
LADDER.

PROPOSED EWP
SETUP LOCATION

PROPOSED OPTUS
ACCESS TRACK
(APPROX. 10m)

PROPOSED OPTUS
SECURITY FENCE
AND ACCESS GATE

TREE TO BE
REMOVED

10m APZ AREA

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

SITE ADDRESS:

ROCKY KNOB,
OFF KINGS CROSS RD, ON SELWYN TRAIL
MOUNT SELWYN NSW 2630

NOTES:

1. BASIS OF DESIGN

> SITE INSPECTION 23/05/2018

2. PANEL ANTENNAS

> COMMScope RRV4-65D-R6 1-OFF PER SECTOR (EACH
2.688m LONG) AT EL 36m & 1-OFF PER SECTOR
(FUTURE)

> SECTOR 1 - 40°, SECTOR 2 - 240°, SECTOR 3 - 320°
> MOUNTED ON PROPOSED TRIANGULAR HEADFRAME

3. TRANSMISSION

> PROPOSED ϕ 1800 PARABOLIC ANTENNA AT EL 33.20m
> LINK SITE: TUMBARUMBA (S5921)
> FUTURE ϕ 1200 PARABOLIC ANTENNA AT EL 33.20m

4. EQUIPMENT SHELTER

> 2.5m x 1.8m SHELTER (A2) WITH SNOW ROOF
COLOURED IN PALE EUCALYPT
> SUPPORTED ON PIERS

5. OPTUS MONOPOLE

> 35m HIGH MONOPOLE WITH PROPOSED TRIANGULAR
HEADFRAME AT EL 36m

6. FEEDER CABLES

> SIZE: HYBRID TRUNK CABLE 9/18 (1 OFF)
> LENGTH: 45m ALL SECTORS
> OTHER DETAIL NOT SHOWN ON PLAN

7. SITE ACCESS

> OFF KINGS CROSS ROAD AND VIA SELWYN TRAIL AND
VIA PROPOSED ACCESS ROUTE (APPROX. 10m)
> NOT DURING THE SNOW SEASON

8. ANTENNA ACCESS

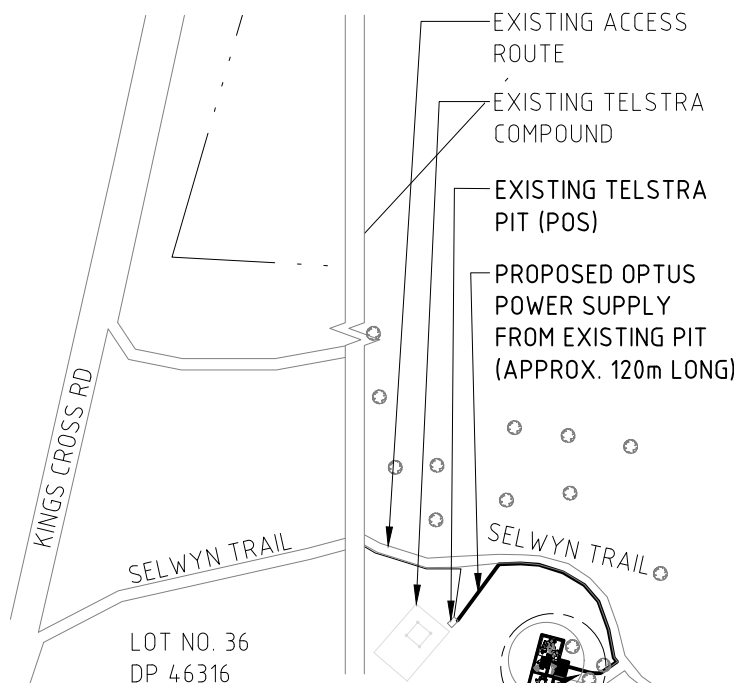
> VIA STEP PEGS-AND LAD-SAF

9. POWER SUPPLY

> 3-PHASE 25 AMPs POWER SUPPLY TO BE PROVIDED
FROM EXISTING PIT
(APPROX. 120m LONG)
> DETAILS TO BE CONFIRMED/ADVISED

10. OTHER (PAINTING, LANDSCAPING, SCREENING)

> ACCESS TRACK MIGHT BE SLIPPERY DURING WET
WEATHER
> TREES TO BE REMOVED (3 OFF)
> COMPOUND LOCATED IN ALPINE AREA
> ELEVATED EQUIPMENT SHELTER ON PIERS DUE TO
ALPINE AREA
> NEW ϕ 1050 DISHES (2 OFF) AT EL 31.2m (WITH
AZIMUTH 99°) AND EL 30.2m (WITH AZIMUTH 273°) TO
BE INSTALLED BY MOUNT SELWYN RESORTS.
> APERTURE HAS BEEN RESERVED FOR NSW GOV.
AGENCY ON MONOPOLE FORM EL 21m TO 27m.



PROPOSED OPTUS
ACCESS ROUTE
(APPROX. 10m)

OVERALL SITE PLAN

SCALE 1:2000



Client:

Project:

MOBILE NETWORK
AUSTRALIA
SITE No:- S8597
MOUNT SELWYN
ROCKY KNOB, OFF KINGS CROSS ROAD

Drawing Title:

SITE LAYOUT

Drawing Status:

FOR APPROVAL

Drawing No.

S8597-P1

Revision

01

PROPOSED NPWS DIPOLE ANTENNA

PROPOSED NPWS OMNI ANTENNA

PROPOSED OPTUS 12 PORT PANEL
ANTENNAS (3 OFF-1 OFF PER
SECTOR)

PROPOSED OPTUS TRIANGULAR HEADFRAME

**PROPOSED OPTUS RRU's —
(9 OFF-3 OFF PER SECTOR)**

**FUTURE OPTUS RRU's —
(1 OFF-3 OFF PER SECTOR)**

PROPOSED OPTUS $\phi 1800$ PARABOLIC
ANTENNA (TO TUMBARUMBA)

FUTURE OPTUS ϕ 1200 PARABOLIC ANTENNA

PROPOSED ICE SHIELD TO PROTECT PARABOLIC ANTENNAS

RESERVED SELWYN RESORT'S —
PARABOLIC ANTENNAS TO BE
INSTALLED BY SELWYN RESORT
CONTRACTOR

RESERVED NSW GOV. AGENCY Ø900
PARABOLIC ANTENNAS (2 OFF) AND
1.8m LONG YAGI ANTENNAS (4 OFF)
WITH WIND LOAD RATING LESS
THAN 120N IN 160KM/H WIND (NOT
TO BE INSTALLED BY OPTUS
CONTRACTOR

**PROPOSED OPTUS 35m HIGH
MONOPOLE**

PROPOSED OPTUS HYBRID TRUNK
CABLES TO RUN INTERNALLY

PROPOSED NSW GOV. AGENCY —
300mm WIDE VERTICAL CABLE
LADDER ON THE BACK OF OPTUS
MONOPOLE (NOT TO BE INSTALLED
BY OPTUS CONTRACTOR

▽ EL 8.00m
CL AVE. TREES HEIGHT

▽ EL 0.50m
CL PROPOSED ELEVATED SHELTER

▽ EL 0.0m
(RI 1602 6m) GROUND LEVEL

**PROPOSED OPTUS U/G POWER
ROUTE (APPROX. 120m LONG)**

WESTERN ELEVATION

SCALE 1:125

01	24.11.21	ISSUED FOR APPROVAL	MYD	AM	HP	AE	PM
Rev	Date	Revision Details	Consultant	CAD	Designer	Verifier	Approver



Client



Project:

MOBILE NETWORK
AUSTRALIA
SITE No:- S8597
MOUNT SELWYN

ROCKY KNOB, OFF KINGS CROSS ROAD

Drawing Title:

SITE ELEVATION

Drawing Status:

FOR APPROVAL

Drawing No.

S8597-P3

Revision

01

