



Attachment 2 to Item 2.1.1.

Plans used during assessment

Date of meeting: 20 June 2024
Location: Council Chambers or audio-visual link
Time: 10am

**AMPLITEL**

Part of the Telstra Group

CENTRAL MACDONALD

TOWER AMS SITE REF: NSW100010

ADDRESS: 1341 ST ALBANS RD
CENTRAL MACDONALD
NSW 2775



DRAWING/DOCUMENT DESCRIPTION	DRAWING NUMBER	SHEET NO.	ISSUE NO.	ISSUE DATE	DRAWING STATUS				
					CANCELLED	PRELIMINARY	FOR CONSTRUCTION	AS BUILT	REFERENCE ONLY
SITE ACCESS AND LOCALITY PLAN	NSW100010	S1	1	03/08/23		✓			
SITE LAYOUT	NSW100010	S1-1	1	03/08/23		✓			
SITE SETOUT PLAN	NSW100010	S1-2	1	03/08/23		✓			
ANTENNA LAYOUT	NSW100010	S1-3	1	03/08/23		✓			
SOUTH EAST ELEVATION	NSW100010	S3	1	03/08/23		✓			
ANTENNA CONFIGURATION TABLE	NSW100010	S3-1	1	03/08/23		✓			

ORDER	DRAWN	CHKD	AMENDMENT	EXAM	APPD	DATE	ISS
NA24923.01	SS	MA	PRELIMINARY - 30098655W003DEC - L7/L18/L21/5G.85	JK	NB	03.08.23	1



TOWER AMS SITE NSW100010
CENTRAL MACDONALD

DRAWING INDEX AND DOCUMENT CONTROL
1341 ST ALBANS RD, CENTRAL MACDONALD, NSW 2775

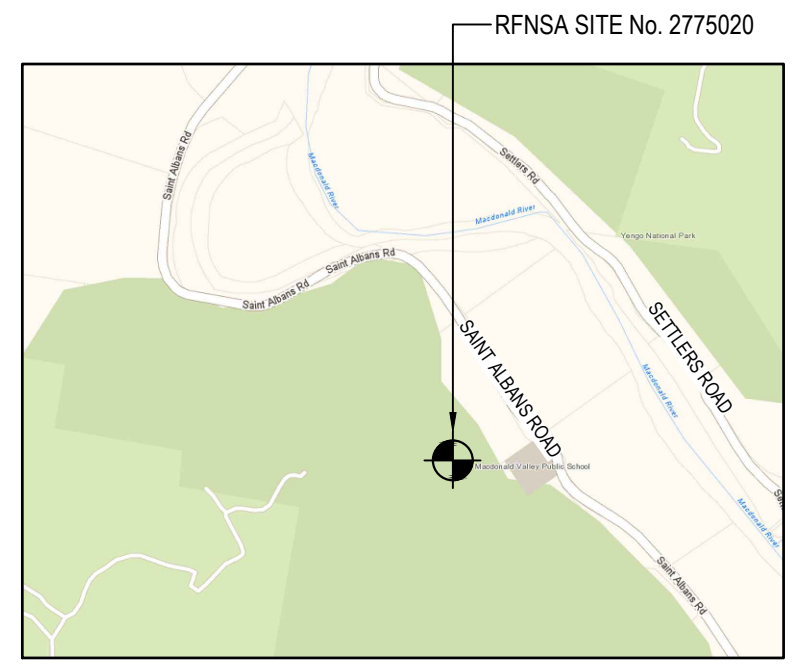
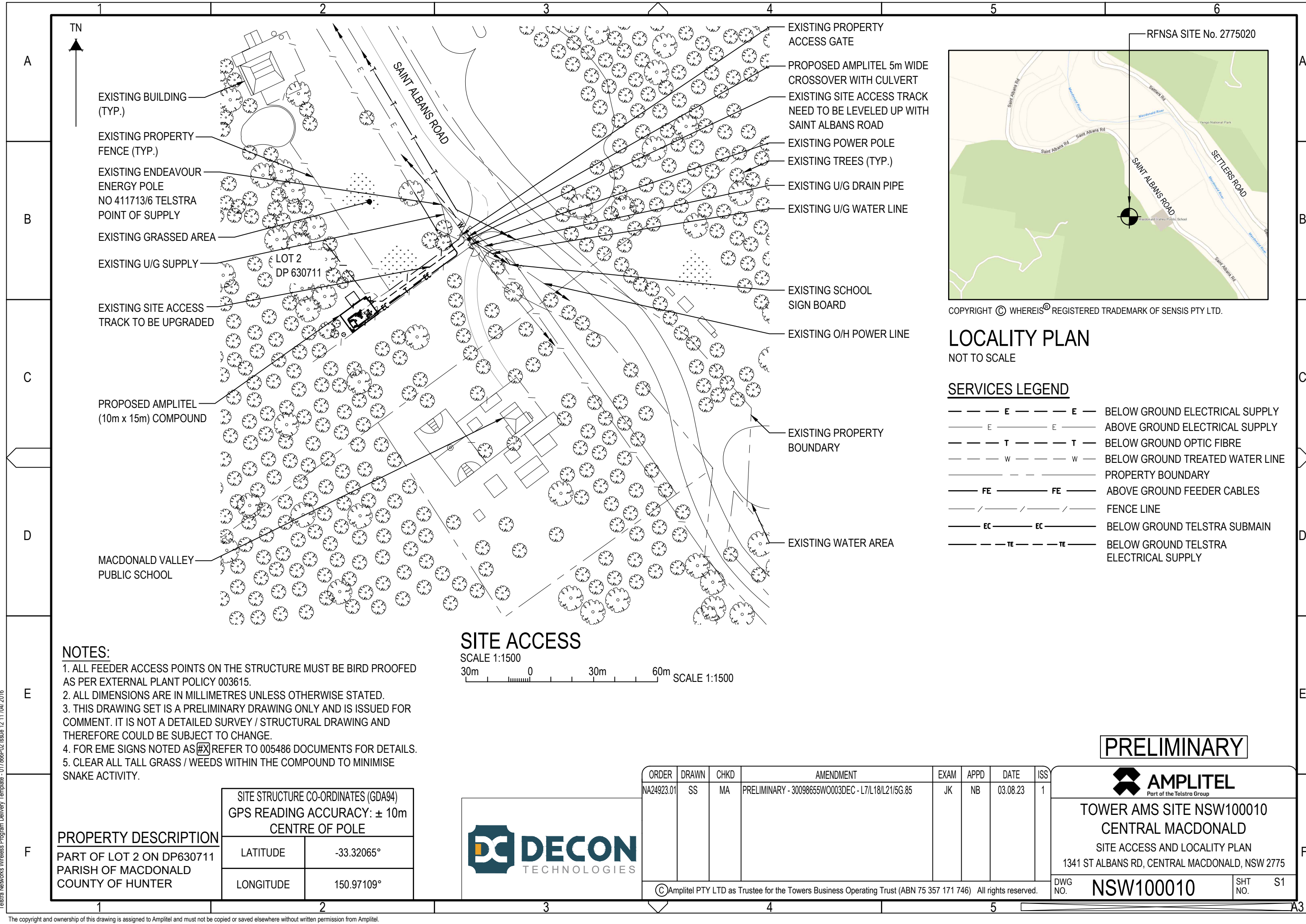
DWG NO. **NSW100010**

SHT NO. **DC**

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LOCALITY PLAN

NOT TO SCALE

SERVICES LEGEND

- E --- E --- BELOW GROUND ELECTRICAL SUPPLY
- E — E — ABOVE GROUND ELECTRICAL SUPPLY
- T --- T --- BELOW GROUND OPTIC FIBRE
- W --- W --- BELOW GROUND TREATED WATER LINE
- --- --- PROPERTY BOUNDARY
- FE — FE — ABOVE GROUND FEEDER CABLES
- / — / — FENCE LINE
- EC — EC — BELOW GROUND TELSTRA SUBMAIN
- TE --- TE --- BELOW GROUND TELSTRA ELECTRICAL SUPPLY

NOTES:

1. ALL FEEDER ACCESS POINTS ON THE STRUCTURE MUST BE BIRD PROOFED AS PER EXTERNAL PLANT POLICY 003615.
2. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE STATED.
3. THIS DRAWING SET IS A PRELIMINARY DRAWING ONLY AND IS ISSUED FOR COMMENT. IT IS NOT A DETAILED SURVEY / STRUCTURAL DRAWING AND THEREFORE COULD BE SUBJECT TO CHANGE.
4. FOR EME SIGNS NOTED AS #X REFER TO 005486 DOCUMENTS FOR DETAILS.
5. CLEAR ALL TALL GRASS / WEEDS WITHIN THE COMPOUND TO MINIMISE SNAKE ACTIVITY.

SITE ACCESS

SCALE 1:1500
 30m 0 30m 60m SCALE 1:1500

PROPERTY DESCRIPTION

PART OF LOT 2 ON DP630711
 PARISH OF MACDONALD
 COUNTY OF HUNTER

SITE STRUCTURE CO-ORDINATES (GDA94) GPS READING ACCURACY: ± 10m CENTRE OF POLE	
LATITUDE	-33.32065°
LONGITUDE	150.97109°



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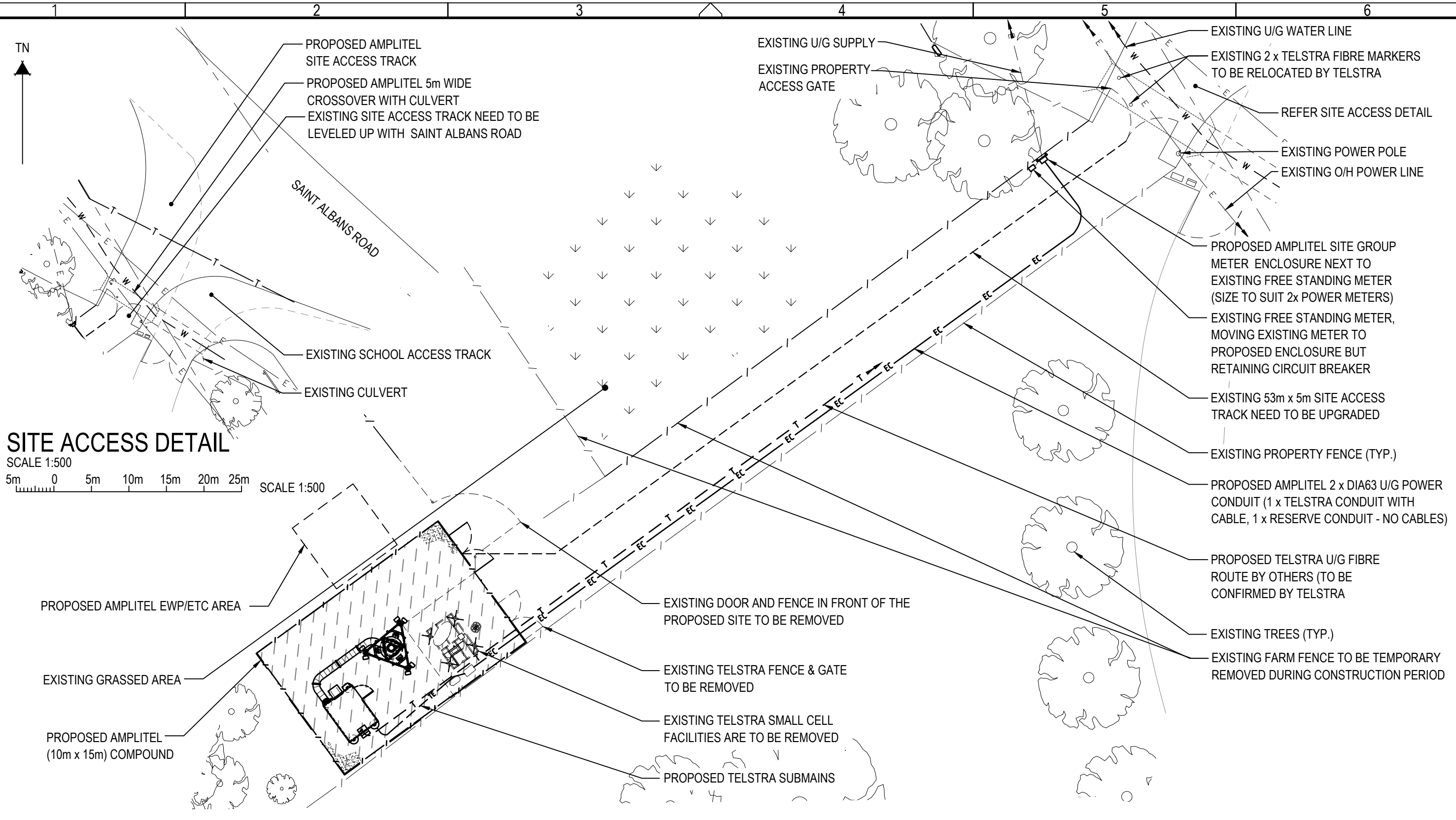


TOWER AMS SITE NSW100010
CENTRAL MACDONALD
 SITE ACCESS AND LOCALITY PLAN
 1341 ST ALBANS RD, CENTRAL MACDONALD, NSW 2775

DWG NO. **NSW100010** SHT NO. **S1**

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SITE ACCESS DETAIL

SCALE 1:500
 5m 0 5m 10m 15m 20m 25m SCALE 1:500

SITE LAYOUT

SCALE 1:250
 5m 0 5m 10m SCALE 1:250

- NOTES:**
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 4. FOR EME SIGNS NOTED AS #X REFER TO 005486 DOCUMENTS FOR DETAILS.
 5. CLEAR ALL TALL GRASS / WEEDS WITHIN THE COMPOUND TO MINIMISE SNAKE ACTIVITY.
- PROPOSED AMPLITEL LEASE AREA.



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CENTRAL MACDONALD
 SITE LAYOUT
 1341 ST ALBANS RD, CENTRAL MACDONALD, NSW 2775

DWG NO. **NSW100010** SHT NO. S1-1

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EXISTING TREES (TYP.)

PROPOSED STANDARD GRADE BLACK WOVEN POLYPROPYLENE WEED MAT COVERED WITH 75mm DEEP 20mm AGGREGATE & RETAINED USING CCA TREATED TIMBER (TYP.)

PROPOSED AMPLITEL EWP/ETC AREA

PROPOSED AMPLITEL 40m HIGH MONOPOLE

4 1.5m AGL

REFER TO SHEET S1-3 FOR ANTENNA LAYOUT

PROPOSED LEASE AREA BOUNDARY SHOWN ON OUTSIDE OF FENCE LINE

PROPOSED TELSTRA 450W NEMA 20B CABLE LADDER WITH SUPPORT POSTS (2 OFF)

PROPOSED TELSTRA GPS ANTENNA (1 OFF A100) MOUNTED ON PROPOSED ANTENNA BRACKET NEAR FEEDER WINDOW ON SHELTER ROOF

PROPOSED TELSTRA Mk5.1 EQUIPMENT SHELTER 3000 (L) x 2380 (W) x 2950 (H) ON PIER FOOTING (REFER TO NOTE 7)

PROPOSED AMPLITEL (10m x 15m) COMPOUND

PROPOSED AMPLITEL 2.35m HIGH COMPOUND SECURITY FENCE WITH 3.0m WIDE DOUBLE ACCESS GATES

EXISTING GRASSED AREA

EXISTING DOOR AND FENCE IN FRONT OF THE PROPOSED SITE TO BE REMOVED

EXISTING SITE ACCESS TRACK TO BE UPGRADED

PROPOSED TELSTRA U/G FIBRE ROUTE BY OTHERS (TO BE CONFIRMED BY TELSTRA)

EXISTING PROPERTY FENCE (TYP.)

PROPOSED AMPLITEL 2x DIA63 U/G POWER CONDUIT (1x TELSTRA CONDUIT WITH CABLE, 1x RESERVE CONDUIT - NO CABLES)

#13 PROPOSED RFNSA SIGN

EXISTING TELSTRA FENCE & GATE TO BE REMOVED

EXISTING MONOPOLE TO BE REMOVED

EXISTING TELSTRA OMNI ANTENNA TO BE RELOCATED TO PROPOSED MONOPOLE

EXISTING TELSTRA SMALL CELL FACILITIES ARE TO BE REMOVED

EXISTING TELSTRA POWER PIT

EXISTING TELSTRA EARTH PIT

PROPOSED TELSTRA SUBMAINS

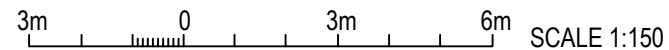
NOTES:

1. ALL FEEDER ACCESS POINTS ON THE STRUCTURE MUST BE BIRD PROOFED AS PER EXTERNAL PLANT POLICY 003615.
2. FOR EME SIGNS NOTED AS (#X) REFER TO 005486 DOCUMENTS FOR DETAILS.
3. (#4) EME SIGN TO BE SECURED AT 1.5m AGL BASE TO MONOPOLE. (SIZE: 400 x 350)
4. (#13) RFNSA SIGN JABAC PRODUCT CODE TEMC2005-M TO BE SECURED ON AMPLITEL COMPOUND GATE. (SIZE: 250 x 180)
5. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE STATED.
6. THIS DRAWING SET IS A PRELIMINARY DRAWING ONLY AND IS ISSUED FOR COMMENT. IT IS NOT A DETAILED SURVEY / STRUCTURAL DRAWING AND THEREFORE COULD BE SUBJECT TO CHANGE.
7. EQUIPMENT SHELTER TO BE 500mm ABOVE GROUND LEVEL TO AVOID FLOOD ON RAINY SEASON.

PROPOSED AMPLITEL LEASE AREA.

SITE SETOUT PLAN

SCALE 1:150



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**TOWER AMS SITE NSW100010
CENTRAL MACDONALD**

SITE SETOUT PLAN
1341 ST ALBANS RD, CENTRAL MACDONALD, NSW 2775

DWG NO. **NSW100010** SHT NO. S1-2

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ANTENNA LEGEND

— (X) AX PROPOSED TELSTRA PANEL ANTENNA

PROPOSED AMPLITEL 40m HIGH MONOPOLE

3000 (TYP.)

PROPOSED TELSTRA LTE700 / LTE1800 / LTE2100 / NR850 PANEL ANTENNAS (3 OFF A1, A3 & A5) ON PROPOSED MOUNTS

#2 BEHIND EACH PANEL ANTENNAS

PROPOSED TELSTRA TMA KA-1033 (6 OFF) TO BE ATTACHED BEHIND PANEL ANTENNAS (A1, A2, A3, A4, A5 & A6) ON PROPOSED MOUNTS

PROPOSED TELSTRA RRU4466 (B1/B3/B7) (3 OFF) WITH JUNCTION BOXES (3 OFF) (BELOW) ON PROPOSED MOUNTS

PROPOSED TELSTRA TRIANGULAR HEADFRAME

PROPOSED TELSTRA LTE700 / NR850 PANEL ANTENNAS (3 OFF A2, A4 & A6) ON PROPOSED MOUNTS

ANTENNA LAYOUT AT EL'S 40.0m

SCALE 1:20
200 0 1000 SCALE 1:20

PRELIMINARY

- NOTES:**
1. ALL FEEDER ACCESS POINTS ON THE STRUCTURE MUST BE BIRD PROOFED AS PER EXTERNAL PLANT POLICY 003615.
 2. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS SPECIFIED OTHERWISE.
 3. THIS DRAWING SET IS A PRELIMINARY DRAWING ONLY AND IS ISSUED FOR COMMENT. IT IS NOT A DETAILED SURVEY / STRUCTURAL DRAWING AND THEREFORE COULD BE SUBJECT TO CHANGE.
 4. FOR EME SIGNS NOTED AS #X REFER TO 005486 DOCUMENTS FOR DETAILS.
 5. #2 EME SIGN TO BE SECURED BEHIND EACH PANEL ANTENNAS. (SIZE: 100 x 100)



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TOWER AMS SITE NSW100010
CENTRAL MACDONALD
 ANTENNA LAYOUT
 1341 ST ALBANS RD, CENTRAL MACDONALD, NSW 2775

DWG NO. **NSW100010** SHT NO. S1-3

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BEHIND EACH PANEL ANTENNA # 2

PROPOSED TELSTRA TMA KA-1033 (6 OFF) TO BE ATTACHED BEHIND PANEL ANTENNAS (A1, A2, A3, A4, A5 & A6) ON PROPOSED MOUNTS

PROPOSED TELSTRA TRIANGULAR HEADFRAME

PROPOSED TELSTRA LCF78-50JA FEEDER CABLES (12 OFF) AND 7/8 W&B HYBRID CABLES (3 OFF) TO RUN INSIDE MONOPOLE

PROPOSED AMPLITEL 40m HIGH MONOPOLE

SITE EME SIGNAGE

- # 2 EME TELSTRA #2 SIGN
PROPOSED SIGNS TO BE UV STABLE STICKERS AND FIXED TO BEHIND OF EACH PANEL ANTENNAS (SIZE: 100 x 100)
- # 4 EME AMPLITEL #4 SIGN
PROPOSED SIGN TO BE SECURED 1.5m AGL TO MONOPOLE USING STAINLESS STEEL STRAPS (SIZE: 400 x 350)
- #13 EME AMPLITEL #13 SIGN
PROPOSED RFNSA SIGNAGE
JABAC PRODUCT CODE TEMC2005-M TO BE SECURED ON AMPLITEL COMPOUND GATE (SIZE: 250 x 180)

PROPOSED TELSTRA 450W NEMA 20B CABLE LADDER WITH SUPPORT POSTS (2 OFF)

PROPOSED TELSTRA Mk5.1 EQUIPMENT SHELTER 3000 (L) x 2380 (W) x 2950 (H) ON PIER FOOTING (REFER TO NOTE 4)

PROPOSED TELSTRA GPS ANTENNA (1 OFF A100) MOUNTED ON PROPOSED ANTENNA BRACKET NEAR FEEDER WINDOW ON SHELTER ROOF

1.5m AGL # 4

EXISTING TREE (TYP.)

EXISTING WIRE FENCE

PROPOSED AMPLITEL BORED PIER FOOTING (SHOWN INDICATIVELY)

- ▽ E.L. 41.3m (±100mm) R.L. 50.8m AHD
OVERALL HEIGHT
- ▽ E.L. 40.8m (±100mm) R.L. 50.3m AHD
C/L PROPOSED TELSTRA RRU4466 (B1/B3/B7) (3 OFF)
C/L PROPOSED TELSTRA TMA KA-1033 (3 OFF)
- ▽ E.L. 40.0m (±100mm) R.L. 49.5m AHD
C/L PROPOSED TELSTRA LTE700 / LTE1800 / LTE2100 / NR850 RVVPX310.11B-T2H PANEL ANTENNAS (3 OFF A1, A3 & A5)
C/L PROPOSED TELSTRA LTE700 / NR850 RVVPX310.11B-T2H PANEL ANTENNAS (3 OFF A2, A4 & A6)
C/L PROPOSED TELSTRA HEADFRAME
TOP OF PROPOSED AMPLITEL MONOPOLE
- ▽ E.L. 39.5m (±100mm) R.L. 49.0m AHD
C/L PROPOSED TELSTRA TMA KA-1033 (3 OFF)
- ▽ E.L. 39.0m (±100mm) R.L. 48.5m AHD
C/L PROPOSED TELSTRA JUNCTION BOXES (3 OFF)

TELSTRA EQUIPMENT EXTERNAL COLOUR SCHEDULE

FEATURE	EXTERNAL MATERIAL	COLOUR
MONOPOLE	TBC	NATURAL
MOUNTING BRACKETS & PIPES	GALVANISED STEEL	NATURAL
HEADFRAME	GALVANISED STEEL	NATURAL
PANEL ANTENNA	PLASTIC	FACTORY COLOUR (LIGHT GREY)
RRU	PLASTIC	FACTORY COLOUR (LIGHT GREY)
COMPOUND FENCE	GALVANISED STEEL	NATURAL
CABLE LADDER	GALVANISED STEEL	NATURAL
EQUIPMENT SHELTER	SANDWICH PANEL	PALE EUCALYPT (TBC)
POWER DISTRIBUTION BOARD	METAL POWDER COATED	NATURAL

NOTES:

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2. FOR EME SIGNS NOTED AS #X REFER TO 005486 DOCUMENTS FOR DETAILS.
3. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE STATED.
4. EQUIPMENT SHELTER TO BE 500mm ABOVE GROUND LEVEL TO AVOID FLOOD ON RAINY SEASON.
5. THIS DRAWING SET IS A PRELIMINARY DRAWING ONLY AND IS ISSUED FOR COMMENT. IT IS NOT A DETAILED SURVEY / STRUCTURAL DRAWING AND THEREFORE COULD BE SUBJECT TO CHANGE.

- EXISTING TELSTRA SMALL CELL FACILITIES ARE TO BE REMOVED
- PROPOSED AMPLITEL 2.35m HIGH COMPOUND SECURITY FENCE WITH 3.0m WIDE DOUBLE ACCESS GATES
- ▽ E.L. 3.5m (±100mm) R.L. 13.0m AHD
BASE OF PROPOSED TELSTRA GPS ANTENNA (1 OFF A100)
- #13 PROPOSED RFNSA SIGN
- EXISTING BUSHES
E.L. 0.0m
GROUND LEVEL (R.L. 9.5m AHD)

SOUTH EAST ELEVATION

SCALE 1:150
3m 0 3m 6m SCALE 1:150

PRELIMINARY

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CENTRAL MACDONALD
SOUTH EAST ELEVATION
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TELSTRA MOBILES ANTENNA CONFIGURATION TABLE

ANTENNA No	ANTENNA TYPE & SIZE H x W x D	ANTENNA ACTION REQUIRED	ANTENNA HEIGHT C/L A.G.L.	PHYSICAL ANTENNA BEARING (°T)	SECTOR NO. & TECHNOLOGY
A1	ARGUS RVVPX310.11B-T2H PANEL 2533 x 350 x 208mm	INSTALL	40.0m	40°	S1: LTE700 / NR850 S1: LTE700 / NR850
					S1: LTE1800 / LTE2100 S1: LTE1800 / LTE2100
					S1: LTE1800 / LTE2100 S1: LTE1800 / LTE2100
A2	ARGUS RVVPX310.11B-T2H PANEL 2533 x 350 x 208mm	INSTALL	40.0m	40°	S1: LTE700 / NR850 S1: LTE700 / NR850
					S1: SPARE S1: SPARE
					S1: SPARE S1: SPARE
A3	ARGUS RVVPX310.11B-T2H PANEL 2533 x 350 x 208mm	INSTALL	40.0m	170°	S2: LTE700 / NR850 S2: LTE700 / NR850
					S2: LTE1800 / LTE2100 S2: LTE1800 / LTE2100
					S2: LTE1800 / LTE2100 S2: LTE1800 / LTE2100

TELSTRA MOBILES ANTENNA CONFIGURATION TABLE

ANTENNA No	ANTENNA TYPE & SIZE H x W x D	ANTENNA ACTION REQUIRED	ANTENNA HEIGHT C/L A.G.L.	PHYSICAL ANTENNA BEARING (°T)	SECTOR NO. & TECHNOLOGY
A4	ARGUS RVVPX310.11B-T2H PANEL 2533 x 350 x 208mm	INSTALL	40.0m	170°	S2: LTE700 / NR850 S2: LTE700 / NR850
					S2: SPARE S2: SPARE
					S2: SPARE S2: SPARE
A5	ARGUS RVVPX310.11B-T2H PANEL 2533 x 350 x 208mm	INSTALL	40.0m	320°	S3: LTE700 / NR850 S3: LTE700 / NR850
					S3: LTE1800 / LTE2100 S3: LTE1800 / LTE2100
					S3: LTE1800 / LTE2100 S3: LTE1800 / LTE2100
A6	ARGUS RVVPX310.11B-T2H PANEL 2533 x 350 x 208mm	INSTALL	40.0m	320°	S3: LTE700 / NR850 S3: LTE700 / NR850
					S3: SPARE S3: SPARE
					S3: SPARE S3: SPARE
A100	ERICSSON GPS KRE 101 2082/1 OMNI Ø68 x 96mm	INSTALL	BASE OF GPS 3.5m	0°	-

PRELIMINARY



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CENTRAL MACDONALD
 ANTENNA CONFIGURATION TABLE
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