



# HOTHAM VILLAGE EXCHANGE SMALLCELL

TOWER AMS SITE REF: VIC008298

ADDRESS: 34A GREAT ALPINE ROAD (LOT 2029)  
HOTHAM HEIGHTS  
VIC 3741

ITEM	CADLINK O365 DRAWING / DOCUMENT DESCRIPTION	CADLINK O365 DRAWING NUMBER	CADLINK O365 WORKGROUP	SHEET NO.	ISSUE NO.	ISSUE DATE
NOTES	STANDARD CONSTRUCTION NOTES	017866P05	NATIONAL	1	2	19/11/10
ISOLATION SWITCH	AS 3000 COMPLIANT AC BREAKOUT - 3 WAY JUNCTION BOX WITH PLUGS - LAYOUT & SCHEMATIC	017866P188	NATIONAL	24	1	29/07/21
ANTENNA MOUNT	AIR5322 OR 6525/4402 UNIVERSAL INTERFACE PLATE FOR CUE-DEE BRACKET - UNIVERSAL INTERFACE PLATE	017866P187	NATIONAL	75	2	23/08/21
ANTENNA MOUNT	AIR5322 OR 6525/4402 MULTIFACETED INSTALLATION - FOR CUE-DEE BRACKET - SINGLE BAND	017866P187	NATIONAL	91	1	01/08/22

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ORDER	DRAWN	CHKD	AMENDMENT	EXAM	APPD	DATE	ISS
VT23421.01	DN	PH	PRELIMINARY - BTS-22334 L2600/R2600	FJ	VD	16/03/23	1

**UNAPPROVED  
DRAWING**



TOWER AMS SITE VIC008298  
HOTHAM VILLAGE EXCHANGE SMALLCELL  
DRAWING INDEX AND DOCUMENT CONTROL  
34A GREAT ALPINE ROAD (LOT 2029), HOTHAM HEIGHTS, VIC 3741

DWG NO. **V115026** SHT NO. DC

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Cad file: TP003T02\_Mount Hotham\_Amplitel CAD.DWG A3

DRAWING/DOCUMENT DESCRIPTION	DRAWING NUMBER	SHEET NO.	ISSUE NO.	ISSUE DATE	DRAWING STATUS				
					CANCELLED	PRELIMINARY	FOR CONSTRUCTION	AS BUILT	REFERENCE ONLY
SITE SPECIFIC NOTES	V115026	S0	1	16/03/23		✓			
PHOTOS AND LOCALITY PLAN	V115026	S1	1	16/03/23		✓			
PHOTOS AND SITE LAYOUT	V115026	S2	1	16/03/23		✓			
PHOTOS AND ELEVATIONS	V115026	S3	1	16/03/23		✓			
EME EXCLUSION ZONES	V115026	S4	1	16/03/23		✓			
CONNECTION SCHEMATIC	V115026	A2	1	16/03/23		✓			
AC POWER ELECTRICAL SPECIFICATION	V115026	E0	1	16/03/23		✓			
EQUIPMENT LAYOUT	V115026	E1	1	16/03/23			✓		
AC POWER CONNECTION	V115026	E2	1	16/03/23		✓			
SITE EARTHING	V115026	G4	1	16/03/23			✓		
STRUCTURAL DESIGN CERTIFICATION F01 PROJECT NO. BTS-22334	V115026	Z1	1	16/03/23			✓		
GEOTECHNICAL REPORT PROJ. NO. BTS-22334	V115026	Z1-1	1	16/03/23					✓
AS BUILT CONSTRUCTION CERTIFICATION F02 PROJECT NO. BTS-22334	V115026	Z1-3	1	16/03/23				✓	
AS BUILT CONSTRUCTION & EME COMPLIANCE CERTIFICATION F04 PROJECT NO. BTS-22334	V115026	Z1-X	1	16/03/23				✓	

# SITE SPECIFIC NOTES

## STRUCTURE

TYPE: AMPLITEL POLE  
 FEEDER ENTRY WINDOW: FROM FOOTING, RUNNING INTERNALLY THROUGH POLE  
 REFERENCE DRAWING: TBC

## ANTENNA ACCESS

TELSTRA: ELEVATED WORK PLATFORM

## EARTHING DETAIL

WHEN A GENERIC EARTHING DESIGN IS ISSUED, REFERENCE DRAWING: V115026 SHEET E2. REFER TO 017866a07 EARTHING STANDARDS MANUAL.

## ENVIRONMENTAL ISSUES

REFER TO ENVIRONMENTAL RISK ASSESSMENT CHECKLIST 018422f10.

## POWER SUPPLY

INDICATIVE POWER SUPPLY (SINGLE PHASE/6 AMP) FROM EXISTING LV PIT SUPPLY, METERED AT MAIN SWITCHBOARD INSIDE HOTHAM EXCHANGE. DIAL 1100 BEFORE YOU DIG.

## PROPERTY SIGNAGE

SPECIFY PROPERTY SIGNAGE AS PER DOCUMENT 017866A12.  
 PROPERTY SIGN INCLUDES RFNSA SITE NUMBER.  
 SITE NAME: BRANDED SITE IDENTIFICATION REGULAR (BSr).  
 TELSTRA S/I NUMBER 187/00929.  
 JABAC PART NUMBER TFMS929-M.

## SITE ACCESS

VIA MOUNT HOTHAM ALPINE RESORT CARPARK REFER TO SHEET S1  
 SITE S.A.C. TO ADVISE C.D.C. LOCATION DETAILS

## SITE SIGNAGE

ALL EME SIGNAGE IS REFERENCED ON DRAWINGS S1 & S3. REFER TO DOCUMENT 005486 FOR DETAILS.

## SITE HAZARDS

1. ASBESTOS
2. WORKING AT HEIGHTS
3. TRIP HAZARD
4. SLIPPERY ROAD
5. LOCAL TRAFFIC

## GENERAL NOTES

1. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS SPECIFIED OTHERWISE.
2. FEEDER CONNECTION DETAILS, ELECTRICAL AND MECHANICAL TILTS ARE TO BE OBTAINED FROM CANRAD REPORTS.
3. CONSTRUCTORS ARE TO BE AWARE OF TELSTRA DOCUMENT 007338-C8-11 AND IN PARTICULAR CLAUSE 7.3 & 10.3 WHICH DESCRIBES REQUIREMENTS PERSONNEL MUST UNDERTAKE IN RESPECT TO ASBESTOS MANAGEMENT AT TELSTRA FACILITIES.

## EQUIPMENT ROOM

TYPE: ROOM IN EXISTING EXCHANGE BUILDING.  
 SIZE (mm): APPROX. 15.8m (L) x 10.6m (W).  
 BASE TYPE: CONCRETE SLAB  
 WALL TYPE: CORRUGATED STEEL  
 SUPPORT TYPE: CONCRETE FOUNDATION

## ANTENNA MOUNTS

TYPE: DIRECT MOUNT MULTIFACETED  
 COLOUR: GALVANISED FINISH  
 REFERENCE DRAWING: 017866P187 SHT 91

# SITE REFERENCE DETAILS

OCCUPIER	SITE NAME	SITE CODE
TELSTRA	HOTHAM VILLAGE EXCHANGE SMALLCELL	HVSY
RFNSA SITE NUMBER - 3741015 STRUCTURE OWNER - AMPLITEL		

## LEGEND

- EXISTING TELSTRA ANTENNA SECTOR A1
- PROPOSED TELSTRA ANTENNA SECTOR A1

## SERVICES LEGEND

- OPTICAL FIBRE ABOVE GROUND
- OPTICAL FIBRE BELOW GROUND
- ABOVE GROUND ELECTRICAL SUPPLY
- BELOW GROUND ELECTRICAL SUPPLY
- GAS SUPPLY BELOW GROUND
- HIGH VOLTAGE ELECTRICAL SUPPLY
- WATER SUPPLY ABOVE GROUND
- WATER SUPPLY BELOW GROUND
- SEWER LINE
- STORM WATER
- ABOVE GROUND FEEDER CABLES
- BELOW GROUND FEEDER CABLES

**ADVERTISED PLAN**

COMPLIANCE BOX

COMPLETED AS PER DESIGN

ALTERATIONS IN RED

NAME (PRINT) \_\_\_\_\_

SIGNATURE \_\_\_\_\_ DATE \_\_\_\_\_

PRELIMINARY

TO BE READ IN CONJUNCTION WITH SHEETS S1, S1-x, S3 & S3-x.

ORDER	DRAWN	CHKD	AMENDMENT	EXAM	APPD	DATE	ISS
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UNAPPROVED DRAWING



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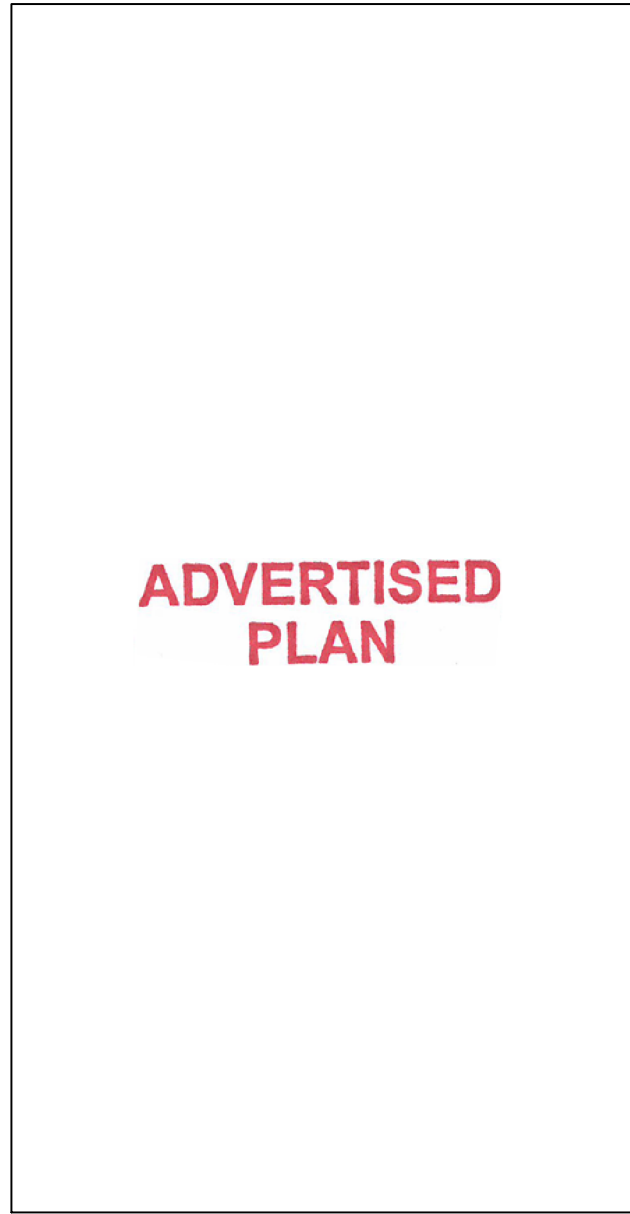
TOWER AMS SITE VIC008298  
HOTHAM VILLAGE EXCHANGE SMALLCELL

SITE SPECIFIC NOTES  
34A GREAT ALPINE ROAD (LOT 2029), HOTHAM HEIGHTS, VIC 3741

DWG NO. V115026 SHT NO. S0

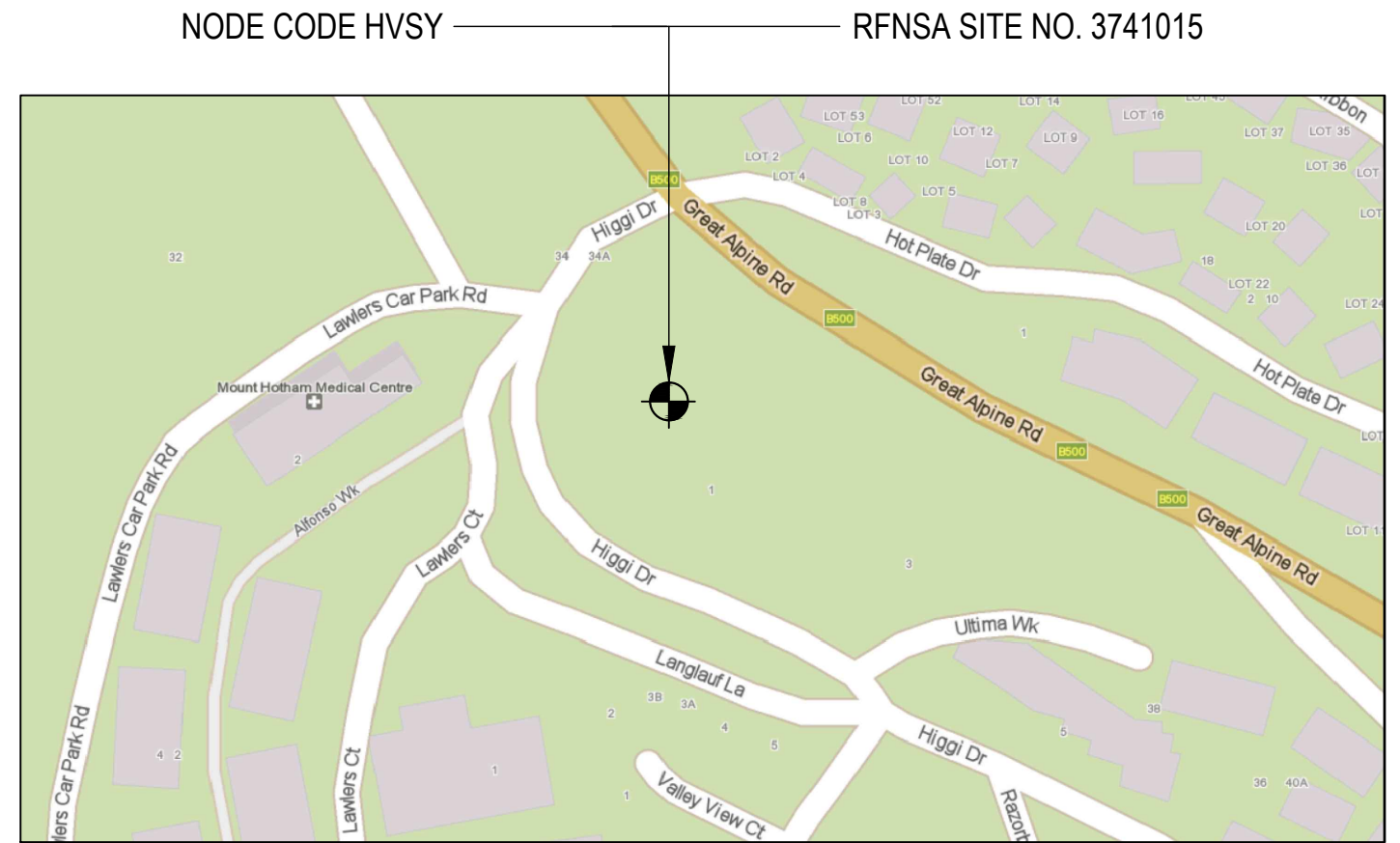


PRE-CONSTRUCTION PHOTO



POST CONSTRUCTION PHOTO

**ADVERTISED  
PLAN**



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**LOCALITY PLAN**  
NOT TO SCALE

**COMPLIANCE BOX**  
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 NAME (PRINT) \_\_\_\_\_  
 SIGNATURE \_\_\_\_\_ DATE \_\_\_\_\_

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 SIGNATURE \_\_\_\_\_ DATE \_\_\_\_\_

**PROPERTY DESCRIPTION**

ROAD AUTHORITY - ALPINE SHIRE

**ASSET DESCRIPTION**

POLE OWNER - AMPLITEL  
 POLE NUMBER - TBC  
 POLE TYPE - TBC

SITE STRUCTURE CO-ORDINATES (GDA94) GPS READING ACCURACY: CENTRE OF MAST/POLE/TOWER	
LATITUDE	-36.98345 (GDA94)
LONGITUDE	147.14291 (GDA94)

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TO BE READ IN CONJUNCTION WITH SHEETS S1-x & S3.

ORDER	DRAWN	CHKD	AMENDMENT	EXAM	APPD	DATE	ISS
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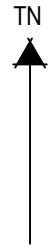
**PRELIMINARY**

<b>TOWER AMS SITE VIC008298</b> <b>HOTHAM VILLAGE EXCHANGE SMALLCELL</b> PHOTOS AND LOCALITY PLAN 34A GREAT ALPINE ROAD (LOT 2029), HOTHAM HEIGHTS, VIC 3741	
DWG NO.	<b>V115026</b>
SHT NO.	S1

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EXISTING TELSTRA EXCHANGE BUILDING

PROPOSED AMPLITEL MONOPOLE



**ADVERTISED PLAN**



**SITE ACCESS**

NOT TO SCALE

TO BE READ IN CONJUNCTION WITH SHEETS S1-x & S3.

**PRELIMINARY**

ORDER	DRAWN	CHKD	AMENDMENT	EXAM	APPD	DATE	ISS
VT23421.01	DN	PH	PRELIMINARY - BT8-22334 L26000 R2600	FJ	VD	16/03/23	1

**UNAPPROVED DRAWING**



**TOWER AMS SITE VIC008298**  
**HOTHAM VILLAGE EXCHANGE SMALLCELL**  
S1-1  
34A GREAT ALPINE ROAD (LOT 2029), HOTHAM HEIGHTS, VIC 3741

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DWG NO. **V115026** SHT NO. S1-1

**SERVICES LEGEND**

- LEASE AREA BOUNDARIES
- - - - - OPTICAL FIBRE BELOW GROUND
- - - - - EA - - - - - EA - - - - - EA - - - - - EARTH ROUTE
- - - - - BELOW GROUND ELECTRICAL SUPPLY
- (X) - - - - - PROPOSED SECTOR ARROW

**SITE LAYOUT**

1m 0 1m 2m 3m 4m 5m SCALE 1:100

PROPOSED TELSTRA SIGN #13 (1 OFF) TO BE INSTALLED ON ENTRANCE DOOR OF THE BUILDING

PROPOSED TELSTRA 6mm<sup>2</sup> ACTIVE / NEUTRAL / EARTH ELECTRICAL SUBCIRCUIT & 10A MSB TO BE INSTALLED WITHIN EXISTING TELSTRA AC SWITCHBOARD. POINT OF SUPPLY AND M.E.N CONNECTION POINT

EXISTING AUSNET LV PIT. 16mm<sup>2</sup> 4C+E LV CABLE SUPPLY TO TELSTRA MSB IN H/D ORANGE PVC P63 CONDUIT AT 600 DEPTH (APPROX XXm OF TRENCHING REQUIRED, ASPHALT SURFACE TO BE REINSTATED)

EXISTING 2.1m RETAINING WALL

PROPOSED MIN 6mm<sup>2</sup> EARTH CABLE IN CONDUIT AND TELSTRA EARTH PIT (WITH AC EARTH ELECTRODE INSIDE) TO BE INSTALLED AS ADDITIONAL LIGHTNING PROTECTIVE EARTH. REFER TO SHT 3 FOR FURTHER DETAILS (2m OF TRENCHING REQUIRED)

PROPOSED TELSTRA P5 PIT INSTALLED OVER PROPOSED TELSTRA FIBRE ROUTE. TELSTRA FIBRE TO BE HAULED FROM EXCHANGE TO P5 PIT TO POLE. PIT FINAL LOCATION SUBJECT TO FINAL TRANSMISSION DESIGN

PROPOSED TELSTRA FIBRE TO BE HAULED U/G FROM NEAREST FAP TO PROPOSED TELSTRA PIT (2m OF TRENCHING REQUIRED)

EXISTING SIGN SHOWING EXISTING HIGH PRESSURE GAS PIPE LINE NEARBY

EXISTING TELSTRA EXCHANGE BUILDING. BUILDING IN AMPLITEL LEASE AREA

EXISTING TELSTRA EXCHANGE S.E.B BAR. PROPOSED 35mm<sup>2</sup> EARTH BONDING CONDUCTOR FROM PROPOSED TELSTRA EARTH GRID TO S.E.B BAR THROUGH RISERS AND EXCHANGE FLOOR MOUNTED GLAND WINDOW. ALL CONNECTIONS AND JOINTS TO BE PROTECTED WITH DENSO TAPE. REFER TO AMPLITEL DRG. TP018ST204-2 FOR MORE DETAILS

PROPOSED TELSTRA ANTENNA L2600/NR2600 6525 / RADIO 4402 (3-OFF A1, A2, A3) AS PER MID-MOUNT MOUNTING DRG. 017866P187 SHT 91. REFER TO TELSTRA ANTENNA TABLE FOR CONFIGURATION AND SHT 3 FOR MOUNTING AND FURTHER DETAILS

PROPOSED DWDM (1-OFF) AND AC SPLITTER JUNCTION BOX (1-OFF) TO BE MOUNTED AS PER MID-MOUNT MOUNTING DRG. 017866P187 SHT 91. REFER TO SHT 3 FOR MOUNTING AND FURTHER DETAILS

PROPOSED 10.00m HIGH AMPLITEL POLE #TBC TO BE INSTALLED WITHIN AMPLITEL LEASE AREA. STEELWORK, ANTENNAS AND TELSTRA SC SWITCHBOARD IN ENCLOSURE TO BE INSTALLED ON POLE PER SHEET 3

PROPOSED EARTH GRID TO BE INSTALLED PER AMPLITEL STEEL POLE EARTHING STANDARDS DRG. TP018ST205-1 & TP018ST205-2

**ADVERTISED PLAN**

**NOTES:**

1. FOR SITE PHOTOS REFER TO SHEETS 1 & 3.
2. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS SPECIFIED OTHERWISE, AND MUST BE CHECKED ONSITE.
3. FOR EME SIGNS NOTED AS #X REFER TO DOCUMENT 005486 FOR DETAILS.
4. SITE SHALL BE EARTHED AS PER AS3000, VICTORIAN SERVICE AND INSTALLATION REQUIREMENTS AND AMPLITEL ELECTRICAL REQUIREMENTS.
5. FOR ACCESS TO THE POLE ELECTRICAL ASSET, ANTENNA SHOULD BE ISOLATED BY FOLLOWING TELSTRA ISOLATION SWITCH PROCEDURE.
6. NO CONSTRUCTION WORKS IS TO OCCUR ON THE EXISTING BUILDING ITSELF.
7. INSTALLERS TO ENSURE U/G ASSETS ARE NOT AFFECTED DURING CONSTRUCTION STAGE.



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SHEET MUST BE PLOTTED IN COLOUR.  
TO BE READ IN CONJUNCTION WITH SHEETS 1, 3 & 4.

ORDER	DRAWN	CHKD	AMENDMENT	EXAM	APPD	DATE	ISS
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**PRELIMINARY**



**TOWER AMS SITE VIC008298**  
**HOTHAM VILLAGE EXCHANGE SMALLCELL**  
 PHOTOS AND SITE LAYOUT  
 34A GREAT ALPINE ROAD (LOT 2029), HOTHAM HEIGHTS, VIC 3741

DWG NO. **V115026** SHT NO. S2

### TELSTRA ANTENNA CONFIGURATION TABLE

ANTENNA No	ANTENNA TYPE & SIZE H x W x D	ANTENNA ACTION REQUIRED	ANTENNA HEIGHT C/L A.G.L.	MECHANICAL TILT (+/- x°T)	PHYSICAL ANTENNA BEARING (x°T)	SECTOR NO. & TECHNOLOGY
A1	ERICSSON 6525/4402 213.5H X 200W X 147D	INSTALL	9.50m	+0°	115°	S1: L2600/NR2600
A2	ERICSSON 6525/4402 213.5H X 200W X 147D	INSTALL	9.50m	+0°	215°	S2: L2600/NR2600
A3	ERICSSON 6525/4402 213.5H X 200W X 147D	INSTALL	9.50m	+0°	335°	S3: L2600/NR2600

- NOTES:**
- ALL DIMENSIONS ARE IN MILLIMETRES UNLESS SPECIFIED OTHERWISE, AND MUST BE CHECKED ONSITE.
  - FOR EME SIGNS NOTED AS (#X) REFER TO DOCUMENT 005486 FOR DETAILS.
  - PLEASE REFER TO CANRAD FOR ANTENNA CONFIGURATION DETAILS
  - ALL ELECTRICAL AND EARTH INSTALLATION TO BE COMPLETED AS PER AS3000, VICTORIAN SERVICE AND INSTALLATION REQUIREMENTS AND AMPLITEL ELECTRICAL REQUIREMENTS.
  - INSTALLERS TO ENSURE U/G ASSETS ARE NOT AFFECTED DURING CONSTRUCTION STAGE.
  - REFER TO 017866P187 SHT 73, 74, 78, 80 AND 114 FOR BRACKETS, MOUNTING ARRANGEMENTS AND ASSEMBLY BOM DETAILS.
  - POLE MOUNTED EQUIPMENT TO BE INSTALLED USING SIZE 12 BAND-IT STRAPS.
  - MINIMISE EXTERNAL RUNS ON POLE USING EXISTING ACCESS HOLES
  - ALL CONDUITS TO BE INSTALLED MIN 500 BELOW GROUND LEVEL.
  - HORIZONTAL SEPARATION OF 50 TO BE MAINTAINED FROM ALL 3RD PARTY POLE ATTACHED EQUIPMENT TO ALL TELSTRA EQUIPMENT.



PHOTO TAKEN FROM SOUTH OF SITE

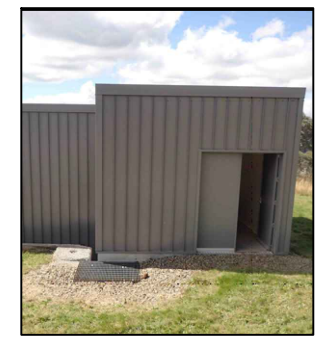


PHOTO TAKEN FROM SOUTH-WEST OF SITE

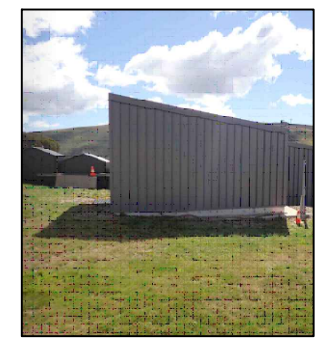


PHOTO TAKEN FROM SOUTH-EAST OF SITE

ADVERTISED PLAN

COMPLIANCE BOX

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ALTERATIONS IN RED

NAME (PRINT) \_\_\_\_\_

SIGNATURE \_\_\_\_\_ DATE \_\_\_\_\_

PRELIMINARY

SHEET MUST BE PLOTTED IN COLOUR.  
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V723421.01	DN	PH	PRELIMINARY - BTS-22334 L2600/NR2600	FJ	VD	16/03/23	1

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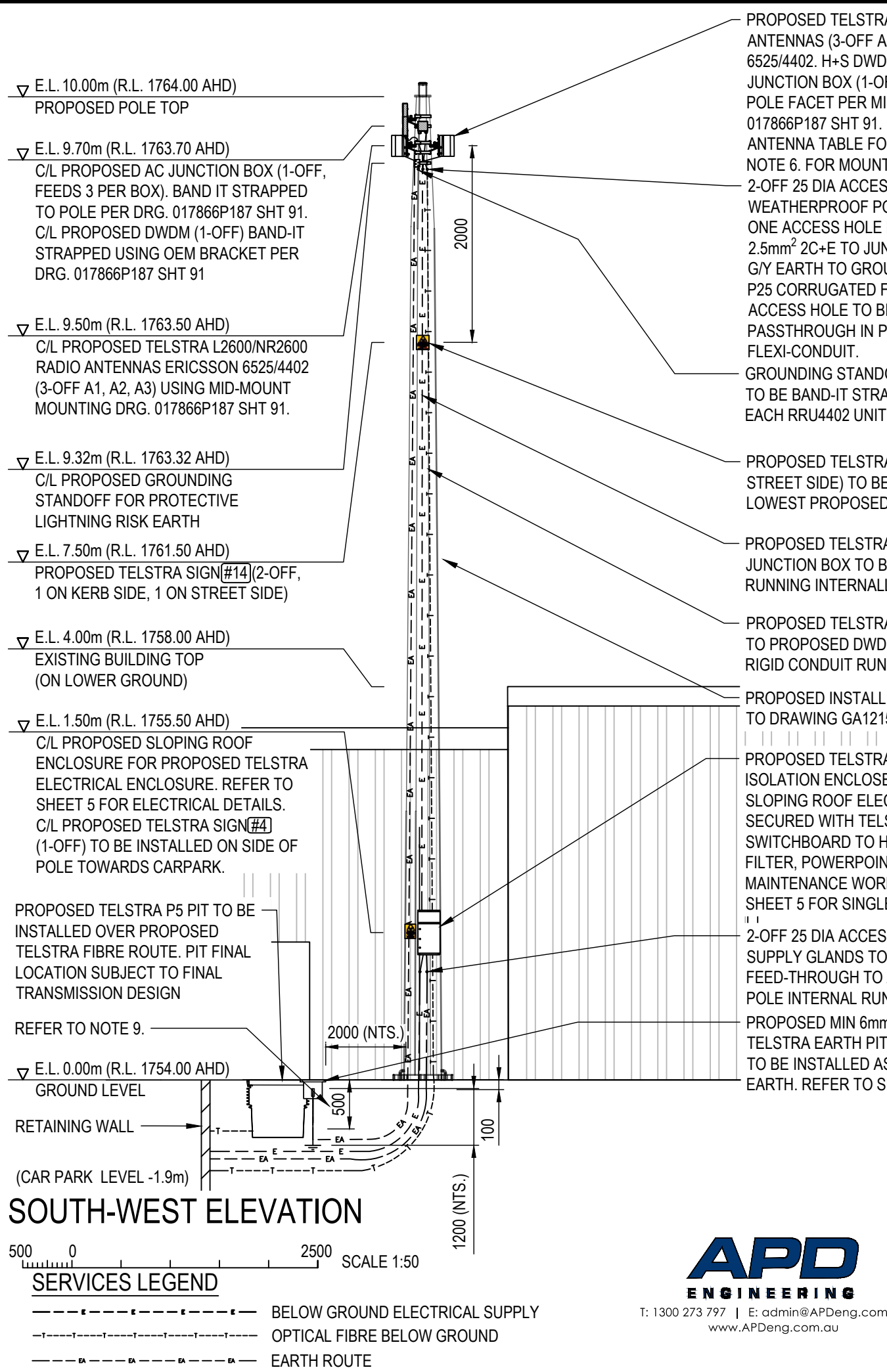
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**TOWER AMS SITE VIC008298**  
**HOTHAM VILLAGE EXCHANGE SMALLCELL**

PHOTOS AND ELEVATIONS  
34A GREAT ALPINE ROAD (LOT 2029), HOTHAM HEIGHTS, VIC 3741

DWG NO. **V115026** SHT NO. **S3**

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PROPOSED TELSTRA L2600/NR2600 RADIO ANTENNAS (3-OFF A1, A2, A3) ERICSSON 6525/4402. H+S DWDM (1-OFF) AND AC JUNCTION BOX (1-OFF) TO BE MOUNTED TO POLE FACET PER MID-MOUNT MOUNTING DRG. 017866P187 SHT 91. REFER TO TELSTRA ANTENNA TABLE FOR CONFIGURATION AND NOTE 6. FOR MOUNTING DETAILS. 2-OFF 25 DIA ACCESS HOLES AND WEATHERPROOF POWER SUPPLY GLANDS. ONE ACCESS HOLE TO BE USED FOR 2.5mm<sup>2</sup> 2C+E TO JUNCTION BOX AND 35mm<sup>2</sup> G/Y EARTH TO GROUNDING STAND-OFF IN P25 CORRUGATED FLEXI-CONDUIT. OTHER ACCESS HOLE TO BE USED FOR FIBRE PASSTHROUGH IN P25 COMMS FLEXI-CONDUIT.

GROUNDING STANDOFF FOR LIGHTNING PROTECTIVE EARTH TO BE BAND-IT STRAPPED TO POLE. 35mm<sup>2</sup> G/Y EARTH TO EACH RRU4402 UNIT TO BE RUN.

PROPOSED TELSTRA SIGN (#14) (2 OFF, 1 ON KERB SIDE, 1 ON STREET SIDE) TO BE INSTALLED AT 12.50m. BELOW C/L OF LOWEST PROPOSED TELSTRA PANEL ANTENNAS.

PROPOSED TELSTRA 2C+E 2.5mm<sup>2</sup> SUBMAINS TO AC SPLITTER JUNCTION BOX TO BE WITHIN P25 PVC GREY RIGID CONDUIT RUNNING INTERNALLY THROUGH POLE

PROPOSED TELSTRA FIBRE FROM PROPOSED TELSTRA P5 PIT TO PROPOSED DWDM. FIBRE TO BE WITHIN P25 PVC AUSTEL RIGID CONDUIT RUNNING INTERNALLY THROUGH POLE

PROPOSED INSTALL NEW AMPLITEL 10m POLE. REFER TO DRAWING GA12157 FOR FURTHER POLE DETAILS.

PROPOSED TELSTRA ELECTRICAL SWITCHBOARD FOR ISOLATION ENCLOSED WITHIN AN IP66 316 STAINLESS STEEL SLOPING ROOF ELECTRICAL ENCLOSURE (300H x 200W x 150D) SECURED WITH TELSTRA PADLOCK. SWITCHBOARD TO HOUSE LIGHTNING PROTECTION SURGE FILTER, POWERPOINT AND ISOLATION SWITCH FOR MAINTENANCE WORKS ON THE POLE IF REQUIRED. REFER TO SHEET 5 FOR SINGLE LINE DIAGRAM

2-OFF 25 DIA ACCESS HOLES AND WEATHERPROOF POWER SUPPLY GLANDS TO BE USED FOR AC MAINS AND EARTH FEED-THROUGH TO AND FROM SLOPING ROOF ENCLOSURE TO POLE INTERNAL RUN

PROPOSED MIN 6mm<sup>2</sup> EARTH CABLE IN CONDUIT AND TELSTRA EARTH PIT (WITH AC EARTH ELECTRODE INSIDE) TO BE INSTALLED AS ADDITIONAL LIGHTNING PROTECTIVE EARTH. REFER TO SHT 3 FOR FURTHER DETAILS

▽ E.L. 10.00m (R.L. 1764.00 AHD)  
PROPOSED POLE TOP

▽ E.L. 9.70m (R.L. 1763.70 AHD)  
C/L PROPOSED AC JUNCTION BOX (1-OFF, FEEDS 3 PER BOX). BAND IT STRAPPED TO POLE PER DRG. 017866P187 SHT 91. C/L PROPOSED DWDM (1-OFF) BAND-IT STRAPPED USING OEM BRACKET PER DRG. 017866P187 SHT 91

▽ E.L. 9.50m (R.L. 1763.50 AHD)  
C/L PROPOSED TELSTRA L2600/NR2600 RADIO ANTENNAS ERICSSON 6525/4402 (3-OFF A1, A2, A3) USING MID-MOUNT MOUNTING DRG. 017866P187 SHT 91.

▽ E.L. 9.32m (R.L. 1763.32 AHD)  
C/L PROPOSED GROUNDING STANDOFF FOR PROTECTIVE LIGHTNING RISK EARTH

▽ E.L. 7.50m (R.L. 1761.50 AHD)  
PROPOSED TELSTRA SIGN (#14) (2-OFF, 1 ON KERB SIDE, 1 ON STREET SIDE)

▽ E.L. 4.00m (R.L. 1758.00 AHD)  
EXISTING BUILDING TOP (ON LOWER GROUND)

▽ E.L. 1.50m (R.L. 1755.50 AHD)  
C/L PROPOSED SLOPING ROOF ENCLOSURE FOR PROPOSED TELSTRA ELECTRICAL ENCLOSURE. REFER TO SHEET 5 FOR ELECTRICAL DETAILS. C/L PROPOSED TELSTRA SIGN (#14) (1-OFF) TO BE INSTALLED ON SIDE OF POLE TOWARDS CARPARK.

PROPOSED TELSTRA P5 PIT TO BE INSTALLED OVER PROPOSED TELSTRA FIBRE ROUTE. PIT FINAL LOCATION SUBJECT TO FINAL TRANSMISSION DESIGN

REFER TO NOTE 9.

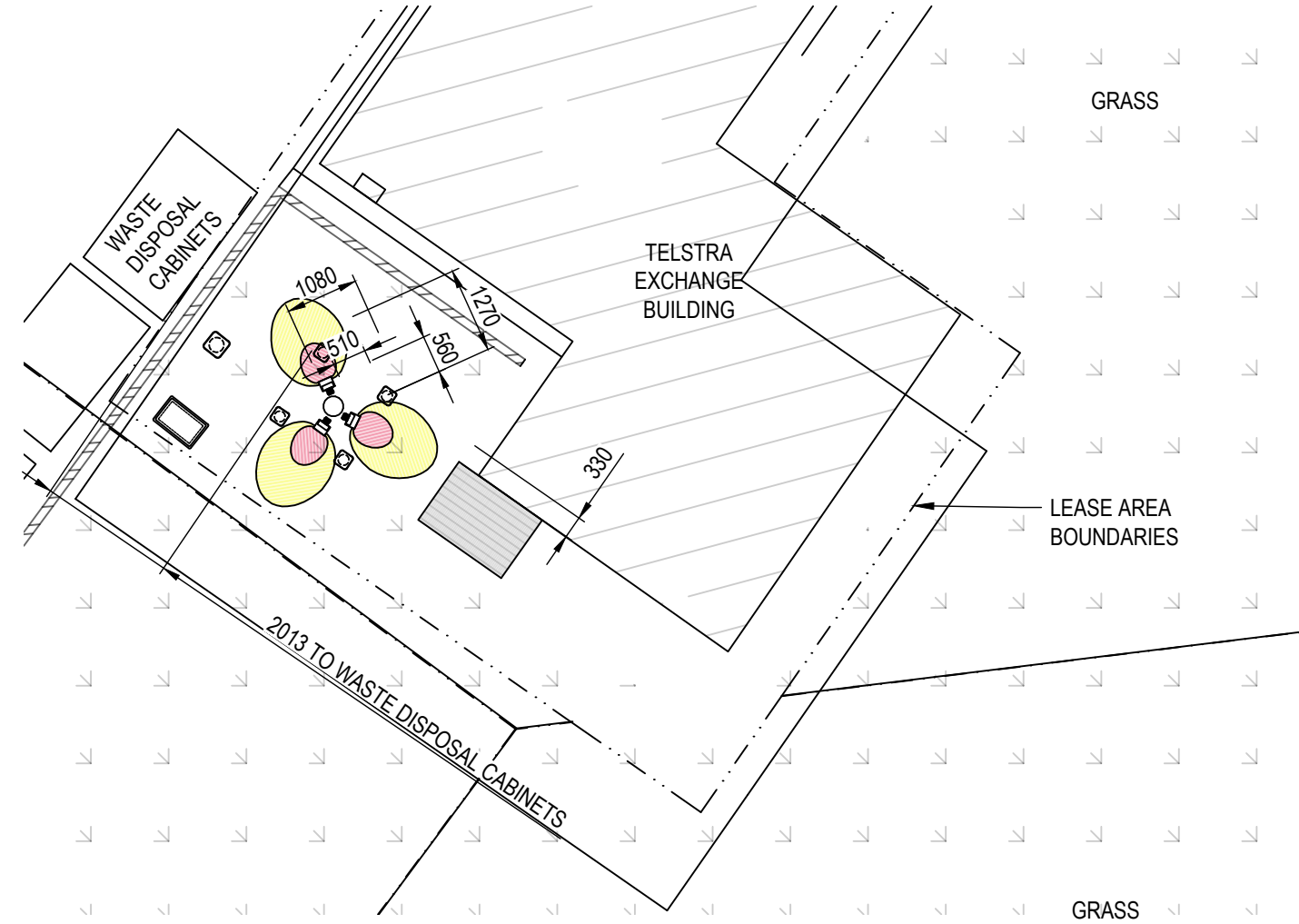
▽ E.L. 0.00m (R.L. 1754.00 AHD)  
GROUND LEVEL

RETAINING WALL

(CAR PARK LEVEL -1.9m)

# ADVERTISED PLAN

- NOTES:
- FOR SITE PHOTOS REFER TO SHEETS 1 & 2, 3.
  - ALL DIMENSIONS ARE IN MILLIMETRES UNLESS SPECIFIED OTHERWISE, AND MUST BE CHECKED ONSITE.
  - FOR EME SIGNS NOTED AS #X REFER TO DOCUMENT 005486 FOR DETAILS.
  - PLEASE REFER TO CANRAD FOR ANTENNA CONFIGURATION DETAILS



## EME EXCLUSION ZONES - PLAN VIEW

ANTENNA TYPE - POWER (PER SECTOR):  
ERICSSON 6525/4402 RADIO SOLUTION - 4 X 5.0W

1m 0 1m 2m 3m 4m 5m SCALE 1:100

## EME EXCLUSION ZONES SOUTH-WEST ELEVATION VIEW

ANTENNA TYPE - POWER (PER SECTOR):  
ERICSSON 6525/4402 RADIO SOLUTION - 4 X 5.0W

500 0 2500 SCALE 1:50

▽ E.L. 9.50m (R.L. 1763.50 AHD)  
C/L PROPOSED TELSTRA  
L2600/NR2600 RADIO ANTENNAS  
ERICSSON 6525/4402 (3-OFF A1, A2,  
A3) USING STEEL MID-MOUNT  
MOUNTING DRG. 017866P187 SHT 91.

▽ E.L. 7.50m (R.L. 1761.50 AHD)  
PROPOSED TELSTRA SIGN #14  
(2-OFF, 1 ON KERB SIDE, 1 ON  
STREET SIDE)

▽ E.L. 4.00m (R.L. 1758.00 AHD)  
EXISTING BUILDING TOP

▽ E.L. 0.00m (R.L. 1754.00 AHD)  
GROUND LEVEL

PROPOSED 10.00m HIGH  
AMPLITEL POLE #TBC TO  
BE INSTALLED WITHIN  
AMPLITEL LEASE AREA

NOTE:  
THE EME EXCLUSION ZONES SHOWN ON THIS DRAWING ARE BASED  
ON 3-OFF A1, A2, A3 PANEL ANTENNAS (1-OFF PER SECTOR)

EXCLUSION ZONE LEGEND  
 AREAS ABOVE RPS3 OCCUPATIONAL LIMITS  
 AREAS ABOVE RPS3 PUBLIC LIMITS



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SHEET MUST BE PLOTTED IN COLOUR.  
TO BE READ IN CONJUNCTION WITH SHEETS 1, 2 & 3.

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VT23421.01	DN	PH	PRELIMINARY - BTS-22334 L2600/NR2600	FJ	VD	16/03/23	1

**UNAPPROVED  
DRAWING**

**COMPLIANCE BOX**  
 COMPLETED AS PER DESIGN   
 ALTERATIONS IN RED   
 NAME (PRINT) \_\_\_\_\_  
 SIGNATURE \_\_\_\_\_ DATE \_\_\_\_\_

**PRELIMINARY**

**AMPLITEL**  
Part of the Telstra Group  
**TOWER AMS SITE VIC008298**  
**HOTHAM VILLAGE EXCHANGE SMALLCELL**  
 EME EXCLUSION ZONES  
 34A GREAT ALPINE ROAD (LOT 2029), HOTHAM HEIGHTS, VIC 3741

DWG NO. **V115026** SHT NO. S4

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**ADVERTISED  
PLAN**

REFER TO STD DWG V115026 SHEET E0 AND LCR0121 for NR/LTE 2600 CONNECTION SCHEMATIC  
ERICSSON 4402 RRUS/SECTOR

REFER TO CSDT FOR NR/LTE 2600 FOR RF CONNECTION SCHEMATICS

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HOTHAM VILLAGE EXCHANGE SMALLCELL  
CONNECTION SCHEMATIC  
34A GREAT ALPINE ROAD (LOT 2029), HOTHAM HEIGHTS, VIC 3741

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DWG NO. **V115026** SHT NO. **A2**



# ELECTRICAL SPECIFICATION

## 1. GENERAL

THE ELECTRICAL INSTALLATION SHALL COMPLY WITH AS/NZ 3000 WIRING RULES AND OTHER RELEVANT STANDARDS, INCLUDING AS/NZ 1768 LIGHTNING PROTECTION AND AS 3015 EXTRA-LOW VOLTAGE DC POWER SUPPLIES AND SERVICE EARTHING WITHIN PUBLIC TELECOMMUNICATIONS NETWORKS. PRIOR TO PLACING THE INSTALLATION IN SERVICE, IT SHALL BE VERIFIED IN ACCORDANCE WITH AS 3017 VERIFICATION GUIDELINES.

## 2. STANDARD OF WORK

ALL INSTALLATION WORK IS TO BE CARRIED OUT IN ACCORDANCE WITH SAFE AND SOUND WORK PRACTICES.

## 3. MAIN SUPPLY

THE CONSUMER MAINS SHALL BE TAKEN FROM THE POINT OF SUPPLY NOMINATED BY THE SUPPLY AUTHORITY. CABLE TYPE AND CONDUCTOR SIZE ARE SPECIFIED IN DRAWING SHEET E2.

## 4. SUBMAINS

CABLE TYPE AND CONDUCTOR SIZE ARE SPECIFIED IN DRAWING SHEET E2.

## 5. METERING

THE EXISTING TELSTRA POWER METER SHALL BE UTILISED IN ACCORDANCE WITH THE SUPPLY AUTHORITY REQUIREMENTS. REFER TO SHEET E2 FOR DETAILS.

## 6. LABELLING

THE CONTRACTOR IS TO CLEARLY LABEL ALL ITEMS OF ELECTRICAL EQUIPMENT INCLUDING METERS, FUSES, SWITCHES AND CIRCUIT BREAKERS. LABELS SHALL BE "TRAFFOLYTE", WITH BLACK LETTERING ON WHITE BACKGROUND.

## 7. NOTICES

THE INSTALLATION CONTRACTOR SHALL PROVIDE ALL NOTICES, MAKE RELEVANT APPLICATIONS, PAY FEES, OBTAIN PERMITS AND CO-ORDINATE WITH RELEVANT AUTHORITIES IN ORDER TO COMPLETE THE INSTALLATION.

## 8. UNDERGROUND SERVICES

BEFORE INSTALLING UNDERGROUND CONDUITS OR SERVICES, THE CONTRACTOR SHALL ESTABLISH THE EXACT LOCATION OF EXISTING UNDERGROUND SERVICES. SEARCHES SHOULD BE CONDUCTED BY "DIAL BEFORE YOU DIG" AND ACCREDITED UNDERGROUND SERVICES LOCATORS TO CONFIRM LOCATIONS.

## 9. EARTHING

REFER TO SHEET G4 (TBC) FOR SITE EARTHING PLAN. ALL EARTHING IS TO BE PROVIDED IN ACCORDANCE WITH TELSTRA DRAWINGS 017866P201 TO 017866P208.

**ADVERTISED  
PLAN**


**PRELIMINARY**

**COMPLIANCE BOX**  
COMPLETED AS PER DESIGN   
ALTERATIONS IN RED   
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TOWER AMS SITE VIC008298 HOTHAM VILLAGE EXCHANGE SMALLCELL AC POWER ELECTRICAL SPECIFICATION 34A GREAT ALPINE ROAD (LOT 2029), HOTHAM HEIGHTS, VIC 3741	
DWG NO.	V115026
SHT NO.	E0

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**ADVERTISED  
PLAN**

EQUIPMENT AND EXCHANGE LAYOUT TO BE COMPLETED BEFORE FINAL  
SUBMISSION PENDING TECHNICAL REVIEW

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TOWER AMS SITE VIC008298  
HOTHAM VILLAGE EXCHANGE SMALLCELL  
EQUIPMENT LAYOUT  
34A GREAT ALPINE ROAD (LOT 2029), HOTHAM HEIGHTS, VIC 3741

DWG NO. **V115026**

SHT NO. E1

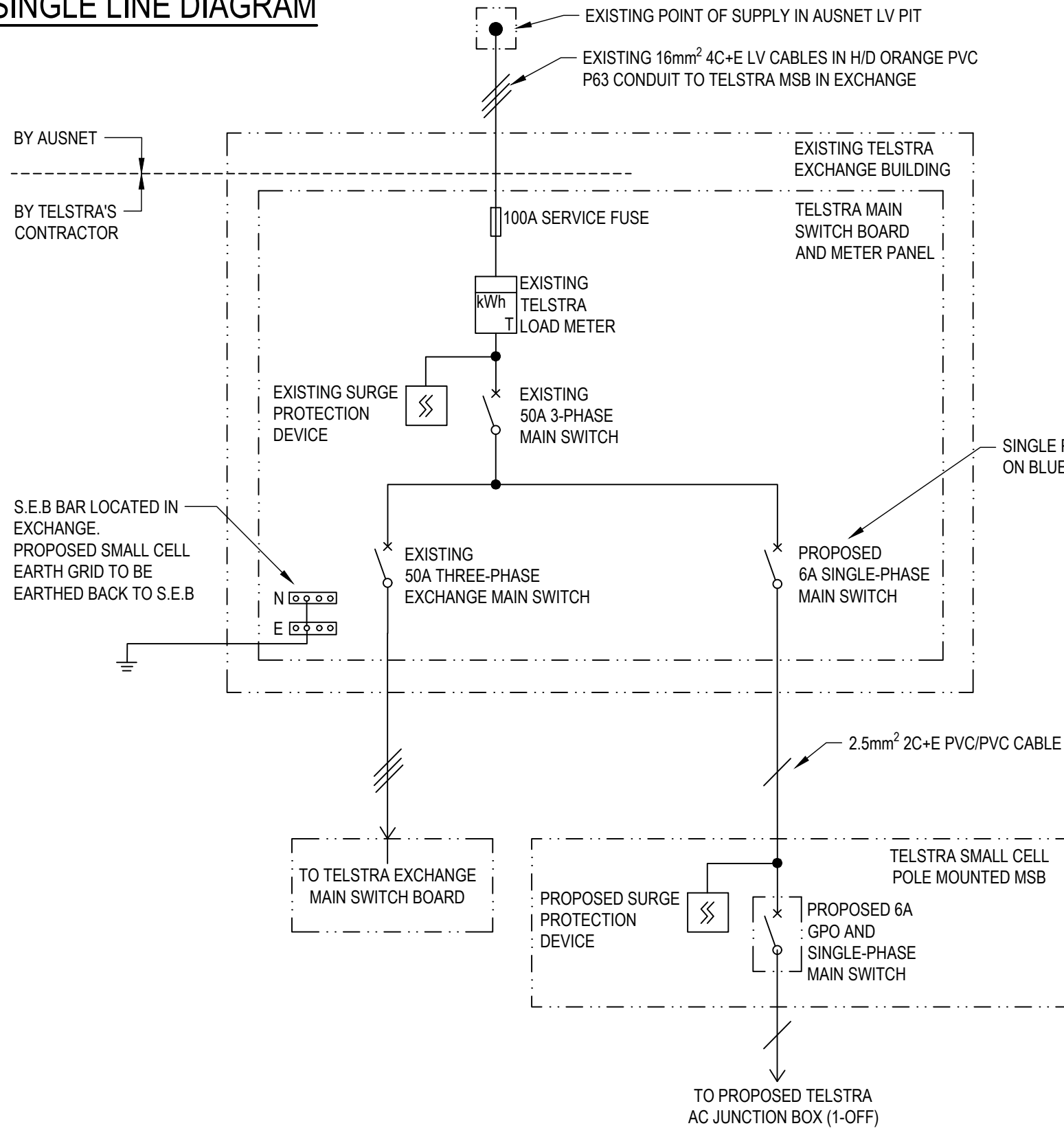
# SINGLE LINE DIAGRAM

# ADVERTISED PLAN

## AC LINE DIAGRAM

### NOTES:

1. ALL WORKS ARE TO COMPLY WITH AS/NZS 3000, AS/NZS 3008, AS/NZS 3015, AS/NZS 3017, AS/NZS 1768, ALL OTHER RELEVANT AUSTRALIAN STANDARDS, AND VICTORIAN SERVICE AND INSTALLATION RULES.
2. DBYD TO BE CONDUCTED PRIOR TO ANY UNDERGROUND WORKS. MAINTAIN MINIMUM CLEARANCES FOR ALL UNDERGROUND SERVICES AS OUTLINED IN AS/NZS 3000.
3. ISOLATION FROM THE POINT OF SUPPLY TO BE ARRANGED WITH A TRUCK APPOINTMENT IF NECESSARY.
4. ALL COMPONENTS OF THE TELSTRA ELECTRICAL INSTALLATION ARE TO BE LABELED.
5. PROPOSED 6A RCBO AS SITE SUPPLY CONTROL DEVICE.
6. TELSTRA SMALL CELL POLE MOUNTED MSB IN ENCLOSURE TO BE LOCKED WITH TELSTRA PADLOCK



COMPLIANCE BOX

COMPLETED AS PER DESIGN

ALTERATIONS IN RED

NAME (PRINT) \_\_\_\_\_

SIGNATURE \_\_\_\_\_ DATE \_\_\_\_\_

PRELIMINARY

SHEET MUST BE PLOTTED IN COLOUR.  
TO BE READ IN CONJUNCTION WITH SHEETS 1, 2, 3, 4 & 6.

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HOTHAM VILLAGE EXCHANGE SMALLCELL  
AC POWER CONNECTION  
34A GREAT ALPINE ROAD (LOT 2029), HOTHAM HEIGHTS, VIC 3741

DWG NO. **V115026** SHT NO. E2

**ADVERTISED  
PLAN**

**SITE EARTHING STILL TO BE FINALISED BEFORE FINAL SUBMSSION PENDING  
TECHNICAL REVIEW**

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**TOWER AMS SITE VIC008298  
HOTHAM VILLAGE EXCHANGE SMALLCELL**  
SITE EARTHING  
34A GREAT ALPINE ROAD (LOT 2029), HOTHAM HEIGHTS, VIC 3741

DWG NO. **V115026** SHT NO. **G4**