		12.10.16	13.10.16	29.03.17		
DATE OF ISSUE						
DRAWING PACKA	1	2	3			
GENERAL						
3M00-51-01-BELR-T1	COVER SHEET	01		03		
3M00-51-01-BELR-C1	SITE SPECIFIC NOTES	01	02	03		
3M00-51-01-BELR-C2 3M00-51-01-BELR-C3	OVERALL SITE PLAN SITE SETOUT PLAN	01	02	03		
3M00-51-01-BELR-C4	SITE SETOOT PEAN SITE ELEVATION AND DETAILS	01	02	03	 1	
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ELECTRICAL	_					
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	CONFIGURATIONS NBN ANTENNA CONFIGURATION & SETOUT PLAN	01	02	03	I	
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SITE CODE: 3MOO-51-01-BELR **BELLBRAE**

1435 ANGELSEA ROAD **BELLBRAE VIC 3228**

RFNSA No: 3228017



PROJECT SUMMARY

PROPOSED NBN GREENFIELD 45m HIGH MONOPOLE WITH CIRCULAR HEADFRAME PROPOSED NBN OUTDOOR CABINETS ON CONCRETE SLAB ON GROUND





NATIONAL BROADBAND **NETWORK** SITE No: 3MOO-51-01-BELR **BELLBRAE** 1435 ANGELSEA ROAD **BELLBRAE**

PRELIMINARY

VIC 3228

02 13.10.16 PRELIMINARY ISSUE



KW CHECKED: LS GM APPROVED:

COVER SHEET

3MOO-51-01-BELR-T1

03

SITE INFORMATION:

1. SITE ADDRESS

1435 ANGELSEA ROAD, BELLBRAE VIC 3228

2. GENERA

THE CONTRACTOR SHALL COMPLY WITH ALL RELEVANT NBN CONSTRUCTION STANDARDS, CURRENT AUSTRALIAN STANDARDS AND SPECIFICATIONS.

3. SITE ACCESS

2WD ACCESS OFF ANGLESEA ROAD VIA EXISTING ACCESS TRACK LEADING TO SITE LOCATION (APPROX. 535m).

4. EQUIPMENT

PROPOSED NEW NBN OUTDOOR CABINETS TO BE INSTALLED ON CONCRETE SLAB WITHIN NBN LEASE AREA.

5. STRUCTURE

PROPOSED NBN GREENFIELD 45m MONOPOLE WITH CIRCULAR HEADFRAME.

6. ANTENNA ACCESS

PROPOSED ANTENNA ACCESS USING ACCESS LADDER WITH LAD-SAF OR EWP, BY RIGGER QUALIFIED PERSONNEL ONLY.

7. EXISTING SERVICES

THE CONTRACTOR SHALL IDENTIFY AND CONFIRM THE LOCATION OF ALL RELEVANT EXISTING SERVICES AS REQUIRED PRIOR TO THE COMMENCEMENT OF WORKS.

8. EXISTING SITE HAZARDS

THE FOLLOWING HAZARDS ARE PRESENT ON THIS SITE:

- OVERHEAD POWER LINE ALONG ACCESS TRACK.
- AGRICULTURAL HOLDING WITH LIVESTOCK.
- ELECTRIC FENCE WITHIN VICINITY.

9. ELECTRICAL SUPPLY

REFER TO DRAWINGS 3M00-51-01-BELR-C2, C3 FOR DETAILS.

10. TRANSMISSION LINK & RF CONFIGURATION

REFER TABLE ON DRAWING 3M00-51-01-BELR-A1 FOR DETAILS.

11. SITE SPECIFIC INFORMATION

- EXCAVATED MATERIAL TO BE STOCKPILED AT LAND OWNERS DIRECTION.
- OVERHEAD POWER LINE ALONG ACCESS TRACK.
- AGRICULTURAL HOLDING WITH LIVESTOCK.
- ELECTRIC FENCE WITHIN VICINITY.
- APPROX 4No TREES TO BE SIDE TRIMMED FOR CONSTRUCTION ACCESS, REFER TO DWG C1

Client



Client:



Client:

Project

NATIONAL BROADBAND NETWORK SITE No: 3M00-51-01-BELR BELLBRAE 1435 ANGELSEA ROAD BELLBRAE

VIC 3228

PRELIMINARY

03 29.03.17 TX TOPOLOGY RE-ROUTE AND ADD FIBRE RUI
02 13.10.16 PRELIMINARY ISSUE

01 12.10.16 PRELIMINARY ISSUE DRAFT
Rev Date Revision Details



DESIGNER: KW
CHECKED: LS
APPROVED: GM

Drawing Title:

SITE SPECIFIC NOTES

Drawing No. 3MOO-51-01-BELR-C1

20 10 0

20

03

SITE LOCATION GROSSMAN ROAD PROPOSED **NBN SITE** MOORES ROAD

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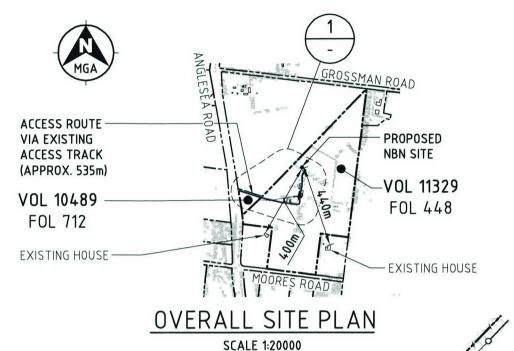
http://www.openstreetmap.org

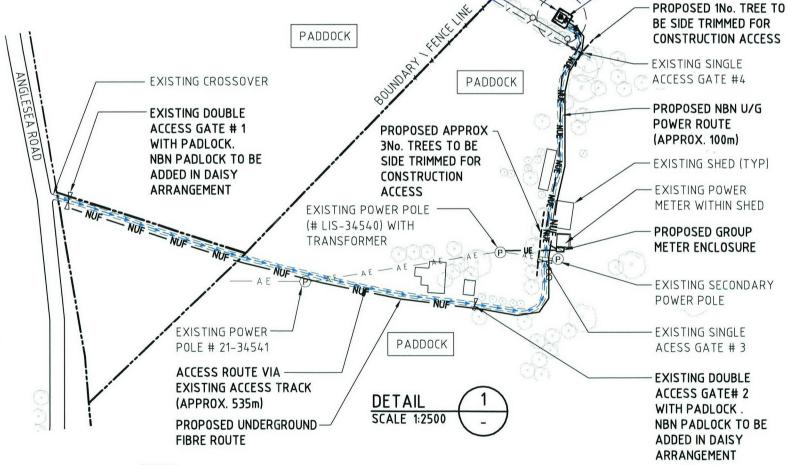
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SITE CO-ORDINATES MONOPOLE LOCATION **ZONE**: 55 DATUM: MGA (GDA94) -38.32076° LATITUDE LONGITUDE 144.26881° **EASTING** 261 236 5 755 065 **NORTHING**

LEGEND

EXISTING ACCESS GATE P EXISTING POWER POLE NBN UNDERGROUND FIBRE NBN UNDERGROUND ELECTRICAL ROUTE PROPERTY BOUNDARY EXISTING FENCE EXISTING ELECTRIC FENCE





NOTES:

- 1. THE NBN CONSUMERS MAINS ROUTE SHOWN ON THE DRAWINGS IS INDICATIVE ONLY. ELECTRICAL CONTRACTOR TO DETERMINE EXACT ROUTE. ELECTRICAL CONTRACTOR TO LOCATE AND IDENTIFY EXISTING U/G SERVICES PRIOR TO COMMENCEMENT OF WORK.
- 2. THIS DRAWING IS DIAGRAMMATIC ONLY AND SHOULD NOT BE SCALED. ALL DIMENSIONS. COORDINATES AND LEVELS ARE APPROXIMATE ONLY AND SUBJECT TO CONFIRMATION BY SURVEY.





NATIONAL BROADBAND **NETWORK** SITE No: 3MOO-51-01-BELR **BELLBRAE** 1435 ANGELSEA ROAD

PRELIMINARY

BELLBRAE

VIC 3228

03 29.03.17 TX TOPOLOGY RE-ROUTE AND ADD FIBRE RUI 02 13.10.16 PRELIMINARY ISSUE 01 12.10.16 PRELIMINARY ISSUE DRAFT



DESIGNER: KW CHECKED: LS APPROVED: GM Drawing Title:

OVERALL SITE PLAN

3MOO-51-01-BELR-C2

С3

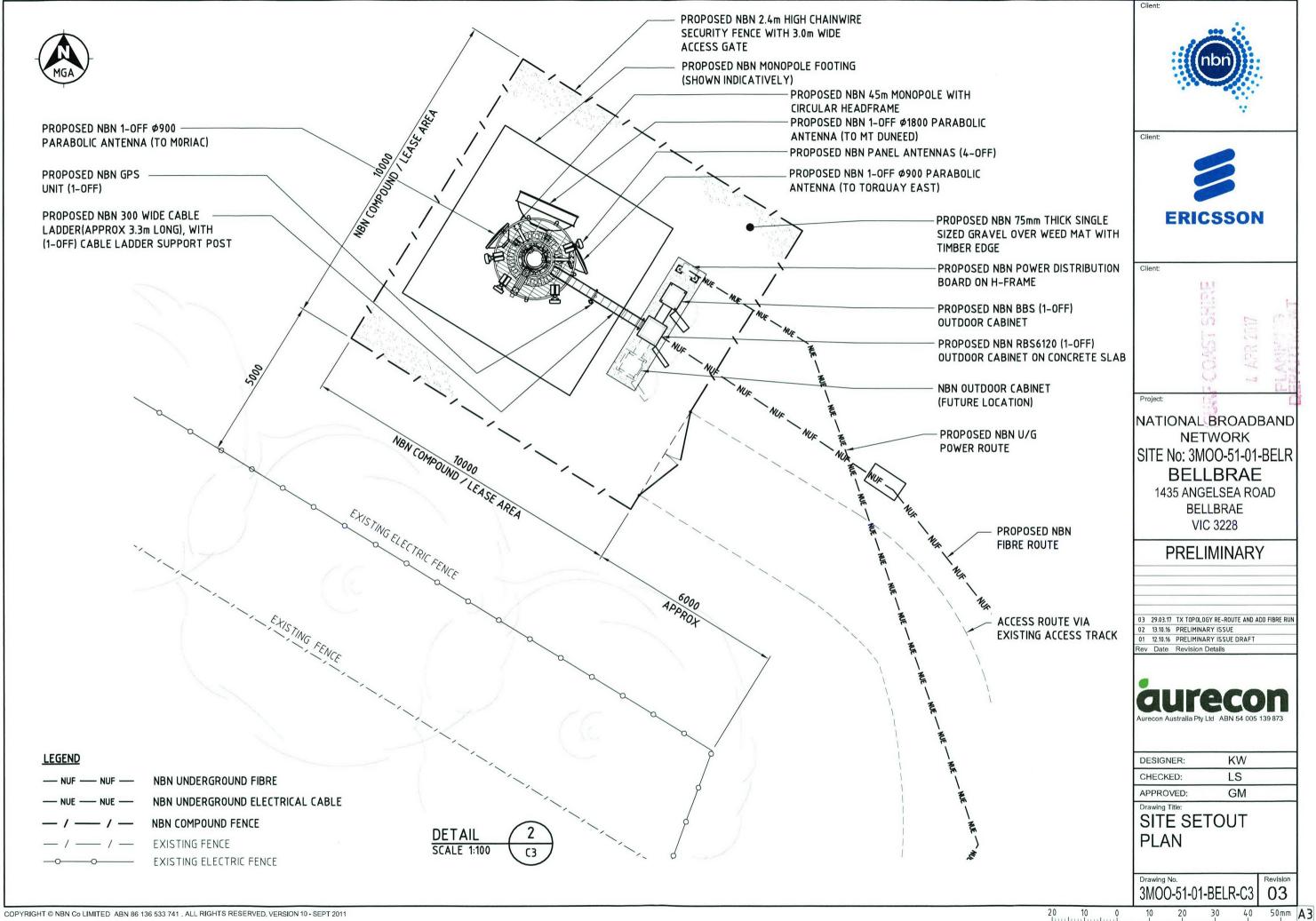
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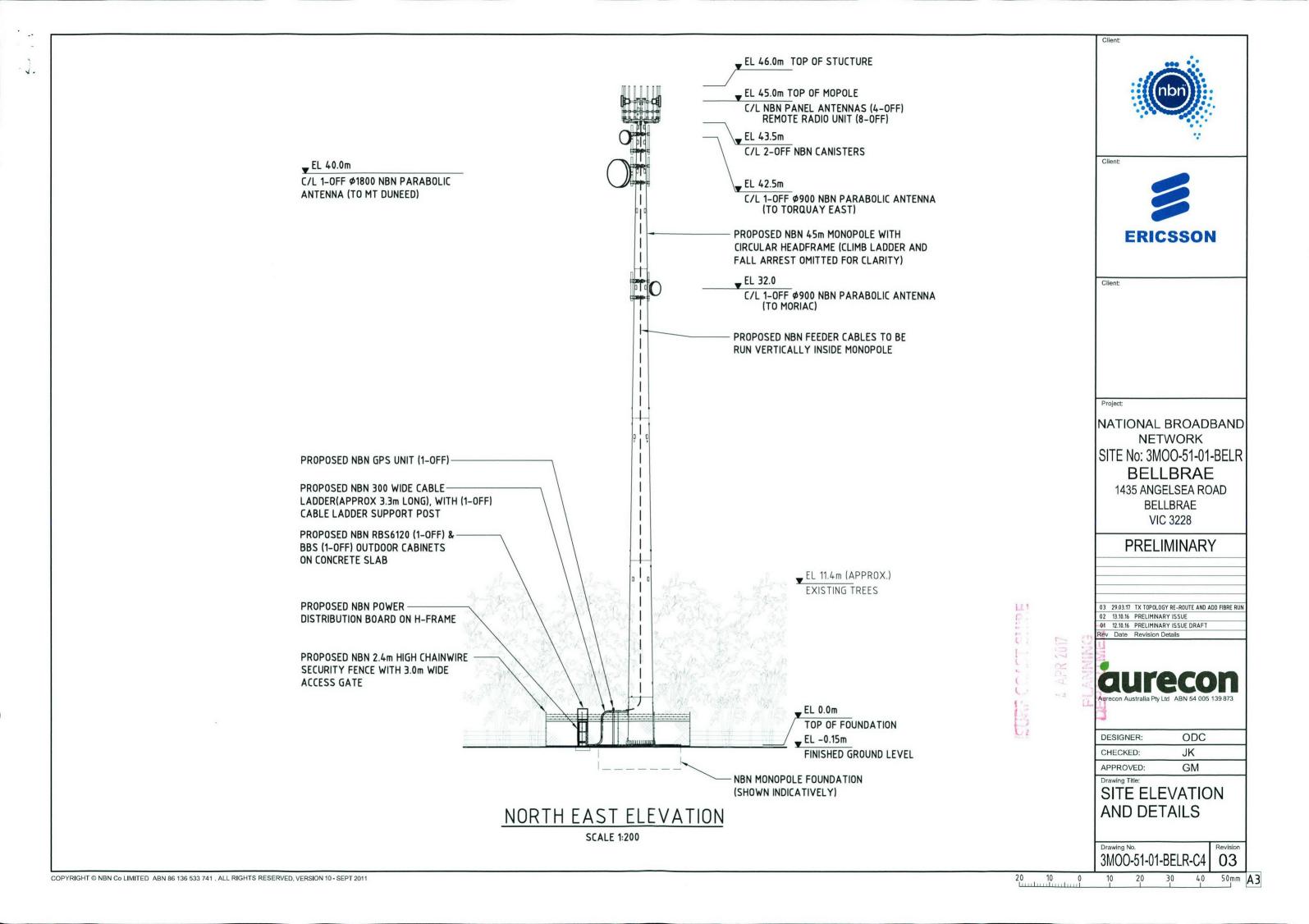
PROPOSED NBN SITE

REFER TO DETAIL -2/C3

EXISTING OVERHEAD ELECTRICAL LINE

03





NBN ANTENNA CONFIGURATION - 3400MHz

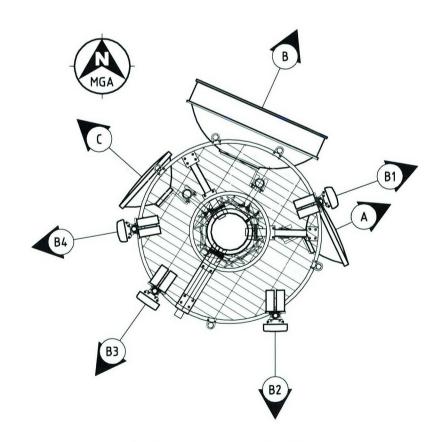
SECTOR		PANEL ANTENNA DETAIL							MAIN FEEDER DETAIL						RR	RF TAIL H&S 1/2" BIRD PROOFED LISCA CABLE	7/TSR 484 21/2000				
	SYMBOL	TYPE	DIMENSION HxWxD	C/L HEIGHT	The second second				ANTENNA ACTION REQ		OVERALL LENGTH	NAME OF STREET	CANISTER TO RRU LENGTH	FEEDER ACTION REQ	TYPE	LOCATION	C/L HEIGHT		RRU ACTION REQ	LENGTH	LENGTH
B1	B1	ARGUS SSPX310R	750×300×115	45m	70°	8°	8°	0°	INSTALL	LIR C LIVEDID	55m		3m 3m			BEHIND ANTENNA BEHIND ANTENNA		1+3	INSTALL INSTALL	1.5m 1.5m	2m
B2	B2	ALPHA AW3497	957x319x100	45m	180°	4°	4°	0°	INSTALL	H&S HYBRID MKII 6/6		43.5m	3m 3m			BEHIND ANTENNA BEHIND ANTENNA		1+3	INSTALL INSTALL	1.5m 1.5m	2m
В3	B3	ALPHA AW3497	957x319x100	45m	215°	4°	4°	0°	INSTALL	(27.5mm)			3m 3m			BEHIND ANTENNA BEHIND ANTENNA		1+3	INSTALL INSTALL	1.5m 1.5m	2m
В4	6 4	ARGUS SSPX310R	750×300×115	45m	260°	4°	4°	0°	INSTALL	H&S HYBRID MKII 3/3	55m	43.5m	3m 3m			BEHIND ANTENNA BEHIND ANTENNA		1+3	INSTALL INSTALL	1.5m 1.5m	2m
										(22mm)											



Client:



ANTENNA S	SYMBOL	ANTENNA DETAIL										MA	RAU DETAIL					
		TYPE	DIMENSION	C/L HEIGHT	AZIMUTH (TN)		DESTINA	ATION		ANTEI ACTION		TYPE		ERALL NGTH	FEEDER ACTION REQ	ACTI	ON RE	.a
Α	A	PARABOLIC	Φ 900	42.5m	65°		TORQUA	Y EAST		INST	ALL	1-0FF LDF1-5		52m	INSTALL	1-OFF	NSTA	.LL
В	6	PARABOLIC	Ø1800	40m	24°		MT DUI	NEED		INST	ALL	1-0FF LDF1-5		50m	INSTALL	1-OFF	NSTA	.LL
С	C	PARABOLIC	φ 900	32m	312°		MORI	AC		INST	ALL	1-0FF LDF1-5		+2m	INSTALL	1-OFF	NSTA	.LL
GPS		KRE 101 2082/1	ø69x96	2.5m	N/A					INST	ALL	1x LDF1-	50	7m	INSTALL			



ANTENNA SETOUT PLAN

SCALE 1:50

Projec

NATIONAL BROADBAND NETWORK SITE No: 3MOO-51-01-BELR BELLBRAE 1435 ANGELSEA ROAD

BELLBRAE VIC 3228

PRELIMINARY

03 29.03.17 TX TOPOLOGY RE-ROUTE AND ADD FIBRE RUN 02 13.10.16 PRELIMINARY ISSUE

02 13.10.16 PRELIMINARY ISSUE
01 12.10.16 PRELIMINARY ISSUE DRAFT
Rev Date Revision Details



DESIGNER: KW
CHECKED: LS
APPROVED: GM

NBN ANTENNA CONFIGURATION & SETOUT PLAN

3MOO-51-01-BELR-A1

A1 Revision 03