

## NOTICE OF AN APPLICATION FOR PLANNING PERMIT

The land affected by the application is located at:	368 O`Neil Road, Officer
The application is for a permit to:	Use and development of the land for a telecommunications facility and vegetation removal
The applicant for the permit is:	Visionstream Pty Ltd (On behalf of Ericsson Pty Ltd)
The application reference number is:	T160772
You may look at the application and any documents that support the application at the office of the Responsible Authority:	<p>Cardinia Shire Council 20 Siding Avenue Officer 3809</p> <p>This can be done during office hours and is free of charge.</p> <p>Documents can also be viewed on Council's website <a href="http://www.cardinia.vic.gov.au">www.cardinia.vic.gov.au</a>.</p>

Any person who may be affected by the granting of the permit may object or make other submissions to the responsible authority.

- An objection must
- \* be sent to the Responsible Authority in writing, at Cardinia Shire Council, PO Box 7, Pakenham, Vic, 3810 or email at [mail@cardinia.vic.gov.au](mailto:mail@cardinia.vic.gov.au)
  - \* include the name and address of the objector/ submitter
  - \* include the application number and site address
  - \* include the reasons for the objection, and
  - \* state how the objector would be affected.

The Responsible Authority will not decide on the application before:	22 February 2017
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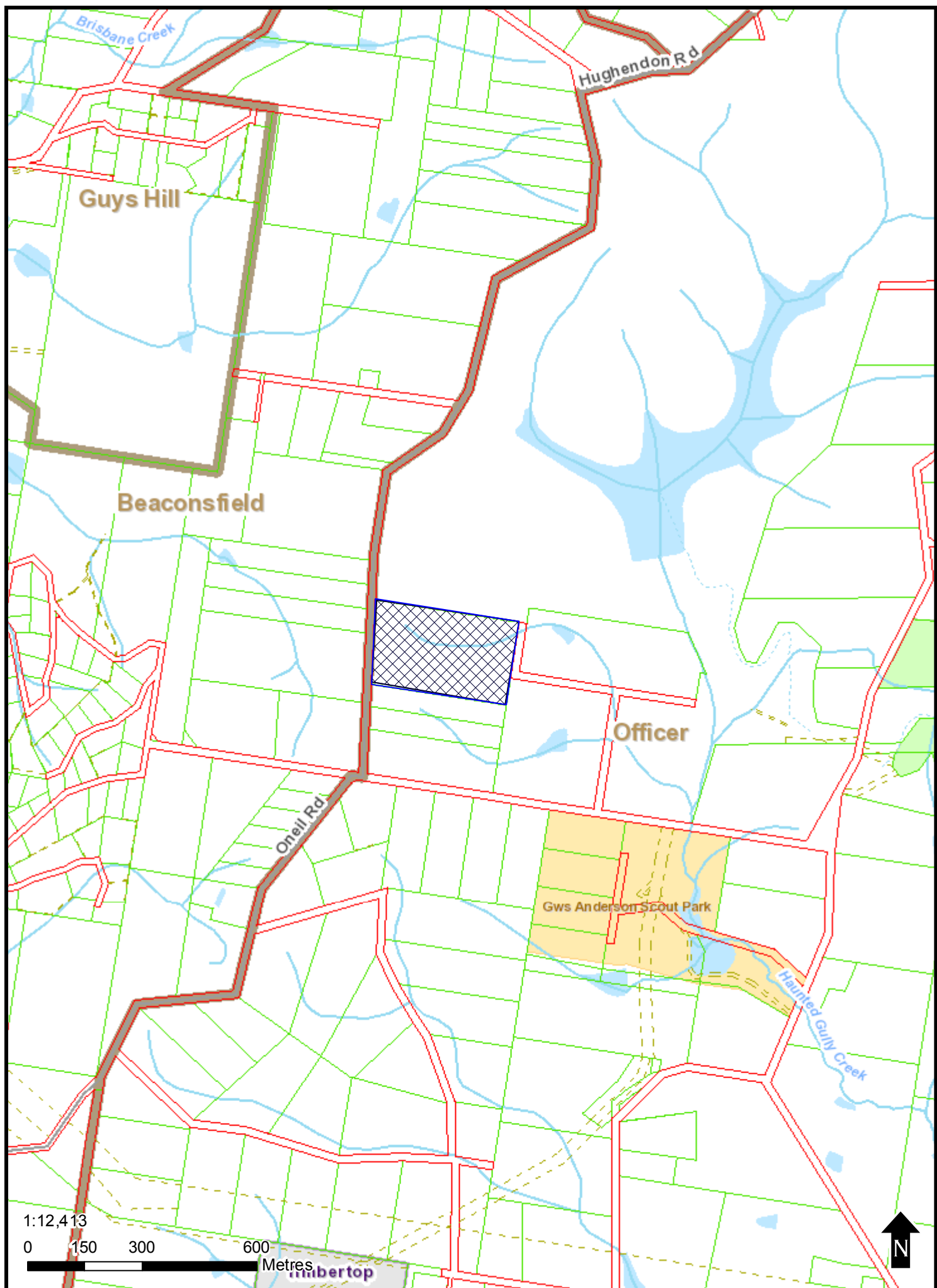
If you object, the Responsible Authority will advise you of its decision.

Please be aware that copies of objections/submissions received may be made available to any person for the purpose of consideration as part of the planning process.

For additional information or advice contact Cardinia Shire Council, Planning Department on 1300 787 624 or [mail@cardinia.vic.gov.au](mailto:mail@cardinia.vic.gov.au)

Your objection/ submission and personal information is collected by Cardinia Shire Council for the purposes of the planning process as set out in the *Planning and Environment Act 1987*. If you do not provide your name and address, Council will not be able to consider your objection/ submission. Your objection/ submission will be available free of charge at the Council office for any person to inspect and copies may be made available on request to any person for the relevant period set out in the *P&E Act*. You must not submit any personal information or copyright material of third parties without their informed consent. By submitting the material, you agree that the use of the material as detailed above does not breach any third party's right to privacy and copyright.





1:12,413

0 150 300 600 Metres



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DATE OF ISSUE  
DRAWING PACKAGE VERSION

13.04.16	22.04.16	27.04.16	08.11.16
1	2	3	4

GENERAL

3BWK-51-03-OFFI-T1	COVER SHEET	01	02	03	04
3BWK-51-03-OFFI-C1	SITE SPECIFIC NOTES	01	02	03	04
3BWK-51-03-OFFI-C2	OVERALL SITE PLAN	01	02	03	04
3BWK-51-03-OFFI-C3	SITE SETOUT PLAN	01	02	03	04
3BWK-51-03-OFFI-C4	SITE ELEVATION	01	02	03	04
3BWK-51-03-OFFI-C5	SITE CIVIL PLAN	-	-	-	04

ELECTRICAL

RF AND TX CONFIGURATIONS AND EME EXCLUSION ZONES

3BWK-51-03-OFFI-A1	NBN ANTENNA CONFIGURATION & SETOUT PLAN	01	02	03	04
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STRUCTURAL

CIVIL

MONOPOLE DESIGN

LEASE

DISTRIBUTION

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VISIONSTREAM	JOE KLEINITZ	E	E	E	E

LEGEND> E (EMAIL); F (Fax); M (Mail); H (Hand); C (Courier)

SITE No. 3BWK-51-03-OFFI  
OFFICER

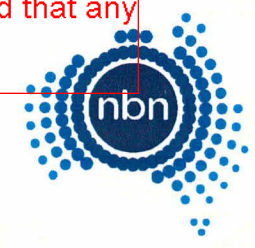
368 O'NEIL ROAD  
OFFICER  
VIC 3809

RFNSA SITE No: 3809007



PROJECT SUMMARY

NBN GREENFIELD  
NBN 40m MONOPOLE WITH CIRCULAR HEADFRAME  
NBN OUTDOOR CABINETS ON CONCRETE SLAB



NATIONAL BROADBAND NETWORK  
SITE No: 3BWK-51-03-OFFI  
OFFICER  
368 O'NEIL ROAD  
OFFICER  
VIC 3809

PRELIMINARY

04	08.11.16	SUBMIT TO DA	KE
03	27.04.16	ERICSSON REVIEW	CLB
02	21.04.16	ERICSSON REVIEW	OL
01	13.04.16	PRELIMINARY	AK

visionstream  
VISIONSTREAM PTY LTD  
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www.visionstream.com.au

DRAFTED BY: AK  
CHECKED BY: SBS  
APPROVED BY: JRK

Drawing Title:  
COVER SHEET

Drawing No.	Revision
3BWK-51-03-OFFI-T1	04



SITE INFORMATION:

1. **SITE ADDRESS**  
368 O'NEIL ROAD, OFFICER, VIC 3809.

2. **GENERAL**  
THE CONTRACTOR SHALL COMPLY WITH ALL RELEVANT NBN CONSTRUCTION STANDARDS, AUSTRALIAN STANDARDS AND SPECIFICATIONS.

3. **SITE ACCESS**  
SITE OWNER TO BE CONTACTED PRIOR TO ACCESSING SITE.  
FROM BEWRICK, TRAVEL SOUTH ON PRINCES HWY FOR 2.2km. THEN TURN LEFT ONTO BEACONFIELD - EMERALD RD FOR 2km. AT THE ROUNABOUT TAKE 3RD EXIT ONTO PAYNE ROAD. DRIVE 2.1km AND TURN LEFT ONTO O'NEIL RD FOR 300m. SITE IS ON THE LEFT APPROX. 14m FROM PROPERTY ENTRY ON O'NEIL RD.  
NBN LOCK TO BE INSTALLED INLINE WITH NEW ACCESS GATE LOCKING SYSTEM (1-OFF).

4. **EQUIPMENT**  
NBN OUTDOOR CABINETS (1-OFF SSC-02, 1-OFF BBS6101) TO BE INSTALLED WITHIN NBN LEASE AREA.

5. **STRUCTURE**  
NBN 40m MONOPOLE WITH CIRCULAR HEADFRAME.

6. **ANTENNA ACCESS**  
PANEL ANTENNA ACCESS VIA MONOPOLE MOUNTED ACCESS LADDER WITH FALL ARREST OR EWP (BY QUALIFIED PERSONNEL ONLY).  
PARABOLIC ANTENNA ACCESS VIA MONOPOLE MOUNTED ACCESS LADDER WITH FALL ARREST OR EWP (BY 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 SITE:
  - ELECTRICAL CABLING AND/OR TRIP HAZARDS
  - MANUAL HANDLING
  - WORKING AT HEIGHT

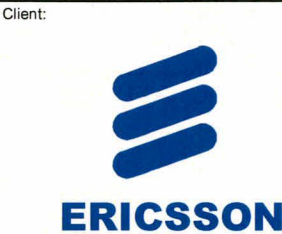
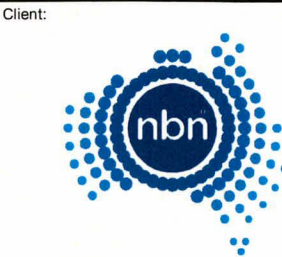
9. **ELECTRICAL SUPPLY**  
NEW POWER SUPPLY SHALL BE PROVIDED IN LIAISON WITH THE POWER SUPPLY AUTHORITY (UNITED ENERGY).

10. **TRANSMISSION LINK**  
REFER TO NBN ANTENNA CONFIGURATION ON DRAWING A1 FOR DETAILS.  
TRANSMISSION ALSO VIA FIBRE LINK.
11. **SITE SPECIFIC INFORMATION**
  - NBN CONTRACTOR TO REVIEW ACCESS REQUIREMENTS FOR CONSTRUCTION IN WET CONDITIONS
  - NBN CONTRACTOR TO PERFORM UNDERGROUND SERVICES SEARCH FOR SITE
  - NBN CONTRACTOR TO CUT THE FENCE TO INSTALL THE FARM GATE
  - NBN CONTRACTOR TO SUPPLY AND INSTALL FARM GATE FOR ACCESS (1-OFF)
  - NBN CONTRACTOR TO INSTALL NEW CULVERT BEFORE CONSTRUCTION
  - NBN CONTRACTOR TO INSTALL NEW NBN CROSSOVER DESIGN SUBJECT TO APPROVAL FROM COUNCIL
  - NBN CONTRACTOR TO SUPPLY AND INSTALL NBN ACCESS TRACK (12m)
  - NBN CONTRACTOR TO REMOVE TREE, REFER BIOSIS VEGETATION ASSESSMENT REPORT 23302
  - NBN CONTRACTOR TO READ AND UNDERSTAND BIOSIS VEGETATION ASSESSMENT REPORT 23302 PRIOR TO ANY CONSTRUCTION WORK
  - NBN CONTRACTOR TO PAINT MONOPOLE. POLE PAINTING TO BE PROVIDED SUBJECT TO COUNCIL DIRECTION
  - NBN CONTRACTOR TO ORGANISE TRAFFIC MANAGEMENT FOR CONSTRUCTION WORK

12. **WIND LOAD PARAMETERS**

SITE TOPOGRAPHICAL DATA		
REGION	TERRAIN CATEGORY	TOPOGRAPHIC MULTIPLIER
A1	2.0	TBC

13. **SITE SIGNAGE REQUIREMENTS**  
THE CONTRACTOR TO SUPPLY AND INSTALL:
  - MERCS-1, 1500mm AGL, REFER TO NBN-STD-0025
  - MERCS-2, AFFIX TO SITE ACCESS GATE, REFER TO NBN-STD-0025
  - HAZARDOUS VOLTAGE SIGN, REFER TO ERICSSON NBN RAN INSTALLATION DESIGN/CONSTRUCTION SPECIFICATION
  - CLIMBING FALL ARREST DEVICE SIGN, REFER TO ERICSSON NBN RAN INSTALLATION DESIGN/CONSTRUCTION SPECIFICATION
  - SITE ENQUIRY



NATIONAL BROADBAND NETWORK  
SITE No: 3BWK-51-03-OFFI  
OFFICER  
368 O'NEIL ROAD  
OFFICER  
VIC 3809

PRELIMINARY

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Rev	Date	Revision Details	CAD

visionstream  
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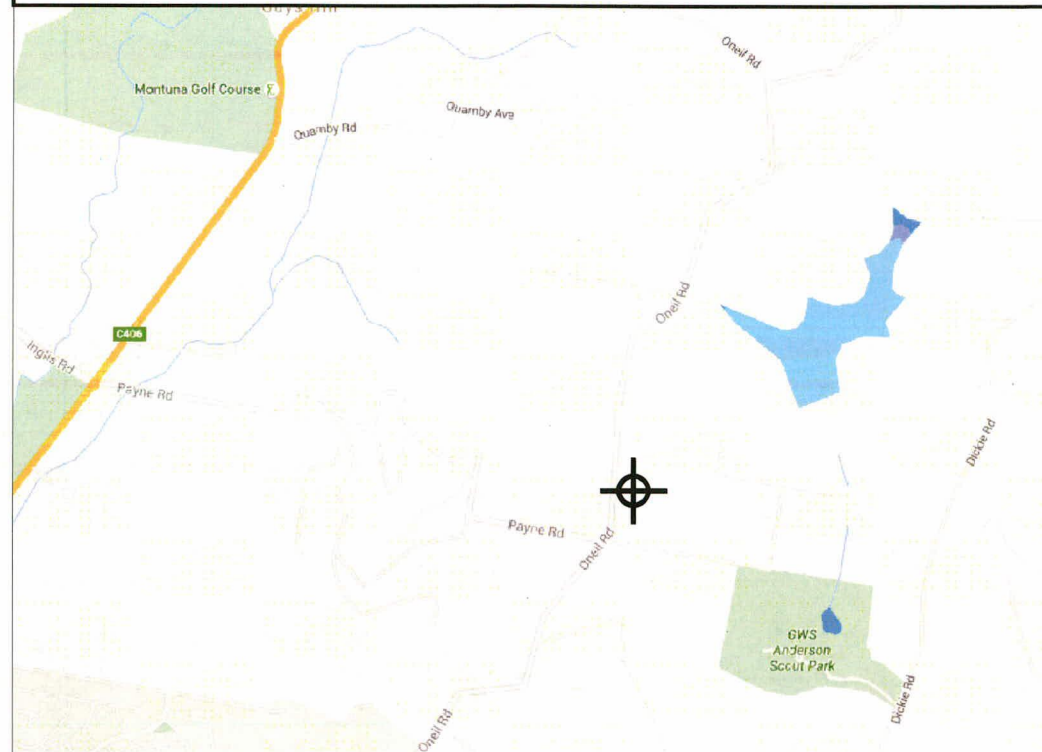
DRAFTED BY: AK  
CHECKED BY: SBS  
APPROVED BY: JRK

Drawing Title:  
SITE SPECIFIC NOTES

Drawing No.	Revision
3BWK-51-03-OFFI-C1	04



## SITE LOCATION



REPRODUCED WITH PERMISSION FROM GOOGLE EARTH PRO

### SITE CO-ORDINATES

#### MONOPOLE LOCATION

DATUM: MGA(GDA 94)	ZONE: 55
EASTING	359 678
NORTHING	5 789 439
LATITUDE	-38.0319°
LONGITUDE	145.40111°

DBYD Job No. 10183032  
Enquiry Date: 22/01/2016  
CONTRACTOR TO REVALIDATE  
AT TIME OF CONSTRUCTION!

#### PUBLIC UTILITIES LEGEND

— W — WATER

### LEGEND

— NUE —	NBN UNDERGROUND POWER
— NUF —	NBN UNDERGROUND FIBRE
— AE —	OVERHEAD POWER LINE
— UE —	UNDERGROUND POWER
---	PROPERTY BOUNDARY
— \ — \ —	NBN COMPOUND SECURITY FENCE

NBN CONTRACTOR TO SUPPLY AND INSTALL NBN  
UNDERGROUND SUB MAINS CABLE (APPROX. 180m)

EXISTING SINGLE PHASE HV AND LV OVERHEAD  
POWER LINE

PROPERTY BOUNDARY

NBN CONTRACTOR TO REMOVE EXISTING  
VEGETATION FOR NBN INSTALLATION  
REFER BIOSIS VEGETATION ASSESSMENT  
REPORT 23302 FOR DETAILS

NBN CONTRACTOR TO SUPPLY AND INSTALL  
NBN ACCESS TRACK (APPROX. 12m)

NBN CONTRACTOR TO CUT THE FENCE  
TO INSTALL THE NEW FARM GATE

NBN CONTRACTOR TO INSTALL NEW  
CULVERT BEFORE CONSTRUCTION

NBN CONTRACTOR TO INSTALL NEW  
NBN CROSSOVER DESIGN SUBJECT TO  
APPROVAL FROM COUNCIL/VICROADS

PROPOSED NBN FIBRE RUN (APPROX. 12m)  
(INDICATIVE ONLY)

NBN CONTRACTOR TO REMOVE EXISTING  
TREES FOR CRANE ACCESS  
REF BIOSIS VEGETATION ASSESSMENT  
REPORT 23302 FOR DETAILS



EXISTING HOUSE

EXISTING LV POWER POLE #502116

EXISTING OVERHEAD SERVICE  
MAINS CABLE

NBN CONTRACTOR TO UPGRADE  
EXISTING HOUSE METER TO GROUP  
METERING PANEL / MAIN SWITCHBOARD  
TO ACCOMMODATE EXISTING HOUSE  
METER AND NEW NBN METER

EXISTING METER PANEL

LOT1/TP40511

ALLOT. 97  
PARISH OF PAKENHAM

VEGETATION REMOVAL AREA  
REFER BIOSIS VEGETATION  
ASSESSMENT REPORT 23302  
FOR DETAILS

EXISTING TREES  
(HEIGHT APPROX. 18m)

NBN INSTALLATION

CRANE ACCESS (4m x 19.5m)

## OVERALL SITE PLAN

SCALE 1:1000

- NOTES:
1. ALL UNDERGROUND SERVICES SHOWN  
INDICATIVE ONLY.
  2. NBN POWER ROUTE AND ACCESS TRACK/ROUTE  
ARE SHOWN INDICATIVELY ONLY.
  3. NBN FIBRE ROUTE IS INDICATIVE ONLY.

Client:



Client:



Client:

Project:

NATIONAL BROADBAND  
NETWORK  
SITE No: 3BWK-51-03-OFFI  
OFFICER  
368 O'NEIL ROAD  
OFFICER  
VIC 3809

### PRELIMINARY

04	08.11.16	SUBMIT TO DA	KE
03	27.04.16	ERICSSON REVIEW	CLB
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APPROVED BY: JRK

Drawing Title:

## OVERALL SITE PLAN

Drawing No.	Revision
3BWK-51-03-OFFI-C2	04





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#### NOTES:

1. EXISTING VEGETATION NOT SHOWN FOR CLARITY.
2. LOCATION AND ORIENTATION OF NBN STRUCTURE, ODC AND ASSOCIATED EQUIPMENT WITHIN THE NBN COMPOUND ARE SHOWN INDICATIVELY AND ARE SUBJECT TO CHANGE.
3. NBN FIBRE CABLE AND NBN FIBRE CONDUITS FROM NBN PIT TO STREET/ROAD BY OTHERS.

Client:



Client:



Client:

Project:

NATIONAL BROADBAND NETWORK

SITE No: 3BWK-51-03-OFFI  
OFFICER

368 O'NEIL ROAD  
OFFICER  
VIC 3809

PRELIMINARY

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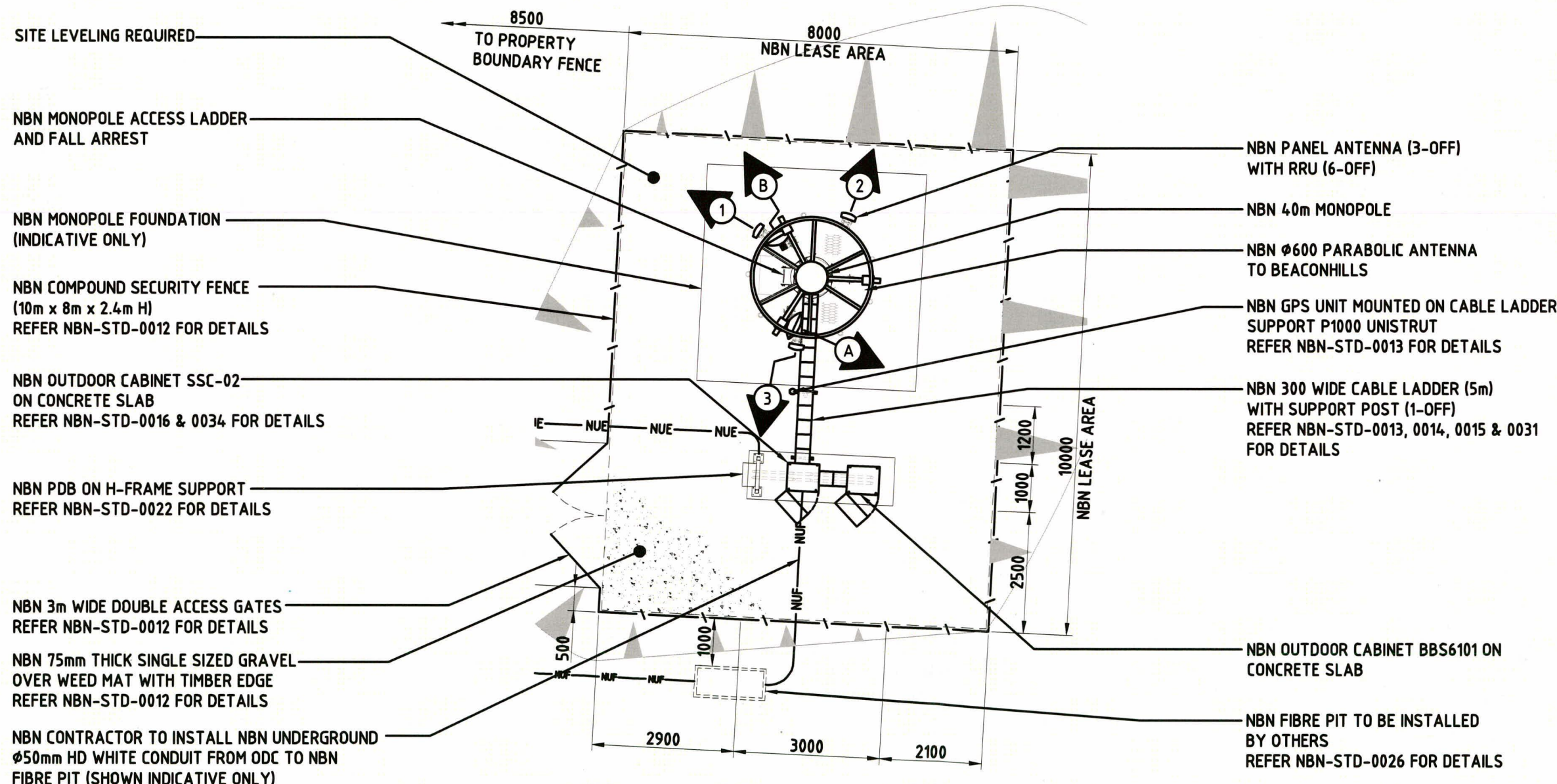
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Drawing Title:

SITE SETOUT  
PLAN

Drawing No.  
3BWK-51-03-OFFI-C3

Revision  
04



DETAIL 1  
SCALE 1:100 C2

#### LEGEND

NUE	NBN UNDERGROUND POWER
NUF	NBN UNDERGROUND FIBRE
AE	OVERHEAD POWER LINE
UE	UNDERGROUND POWER
---	PROPERTY BOUNDARY
- - - - -	NBN COMPOUND SECURITY FENCE

20 10 0 10 20 30 40 50mm



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- NOTES:
- 1. NBN CABLE FEEDER TO RUN INTERNAL OF MONOPOLE.
  - 2. STEP PEGS AND FALL ARREST OMITTED FOR CLARITY.
  - 3. STANDARD CABLE WINDOW LOCATION FOR 40m HIGH NBN MONOPOLE AS PER BELOW TABLE.
  - 4. NBN CONTRACTOR TO PAINT MONOPOLE POLE PAINTING TO BE PROVIDED SUBJECT TO COUNCIL DIRECTION

INGAL EPS - MONOPOLE										
STRUCTURE	CABLE WINDOW HEIGHTS (EL)									
20m TYPE 2 & 3	2.4m(2)	7m(4)	12.2m(4)	15m(4)	17m(4)	18m(4)	19.2m(2)			
25m TYPE 2 & 3	2.4m(2)	14m(4)	17.2m(4)	20m(4)	22m(4)	23m(4)	24.2m(2)			
30m TYPE 2 & 3	2.4m(2)	8.9m(4)	19.2m(4)	22.6m(4)	25m(4)	27m(4)	28m(4)	29.2m(2)		
35m TYPE 2	2.4m(2)	13m(4)	23.7m(4)	27.2m(4)	30m(4)	32m(4)	33m(4)	34.2m(2)		
35m TYPE 3	2.4m(2)	8.6m(4)	23.7m(4)	27.2m(4)	30m(4)	32m(4)	33m(4)	34.2m(2)		
40m TYPE 2 & 3	2.4m(2)	8.4m(4)	18.7m(4)	29.3m(4)	32.2m(4)	35m(4)	37m(4)	38m(4)	39.2m(2)	
45m TYPE 2 & 3	2.4m(2)	11.5m(4)	21.5m(4)	31.9m(4)	37.2m(4)	40m(4)	42m(4)	43m(4)	44.2m(2)	

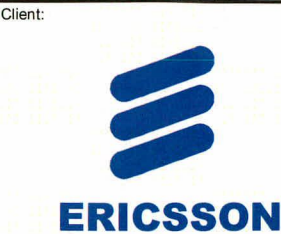
- ▼ EL 40.0m  
NBN PANEL ANTENNA (3-OFF)  
TOP OF MONOPOLE
- ▼ EL 39.6m  
NBN RRU (6-OFF)
- ▼ EL 38.6m  
NBN CANISTER MOUNTED TO EDGE  
OF PLATFORM  
WITH SS ADJUSTABLE HOSE CLAMP
- ▼ EL 37.0m  
NBN Ø600 PARABOLIC ANTENNA  
TO BEACONHILLS  
NBN Ø600 PARABOLIC ANTENNA  
TO NARRE WARREN EAST

- ▼ EL 18.0m (APPROX)  
EXISTING TREES

- NBN GPS UNIT MOUNTED ON CABLE  
LADDER SUPPORT P1000 UNISTRUT
- NBN 300mm WIDE CABLE LADDER (5m)  
WITH SUPPORT POST (1-OFF)
- NBN OUTDOOR CABINET SSC-02  
ON CONCRETE SLAB
- NBN OUTDOOR CABINET BSB6101 ON  
CONCRETE SLAB
- NBN PDB ON H-FRAME SUPPORT

- ▼ EL 00.0m  
GROUND LEVEL

EAST ELEVATION  
SCALE 1:200



Project:  
NATIONAL BROADBAND  
NETWORK  
SITE No: 3BWK-51-03-OFFI  
OFFICER  
368 O'NEIL ROAD  
OFFICER  
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PRELIMINARY

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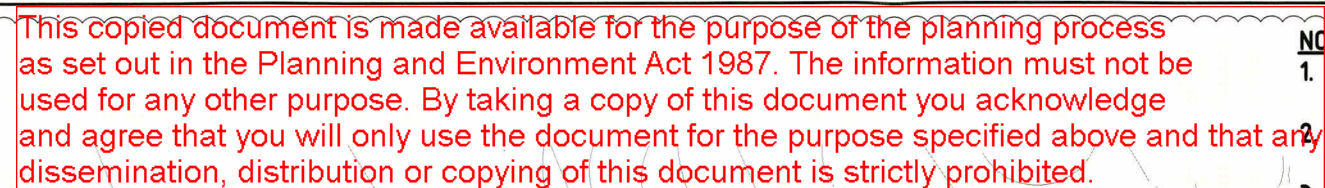
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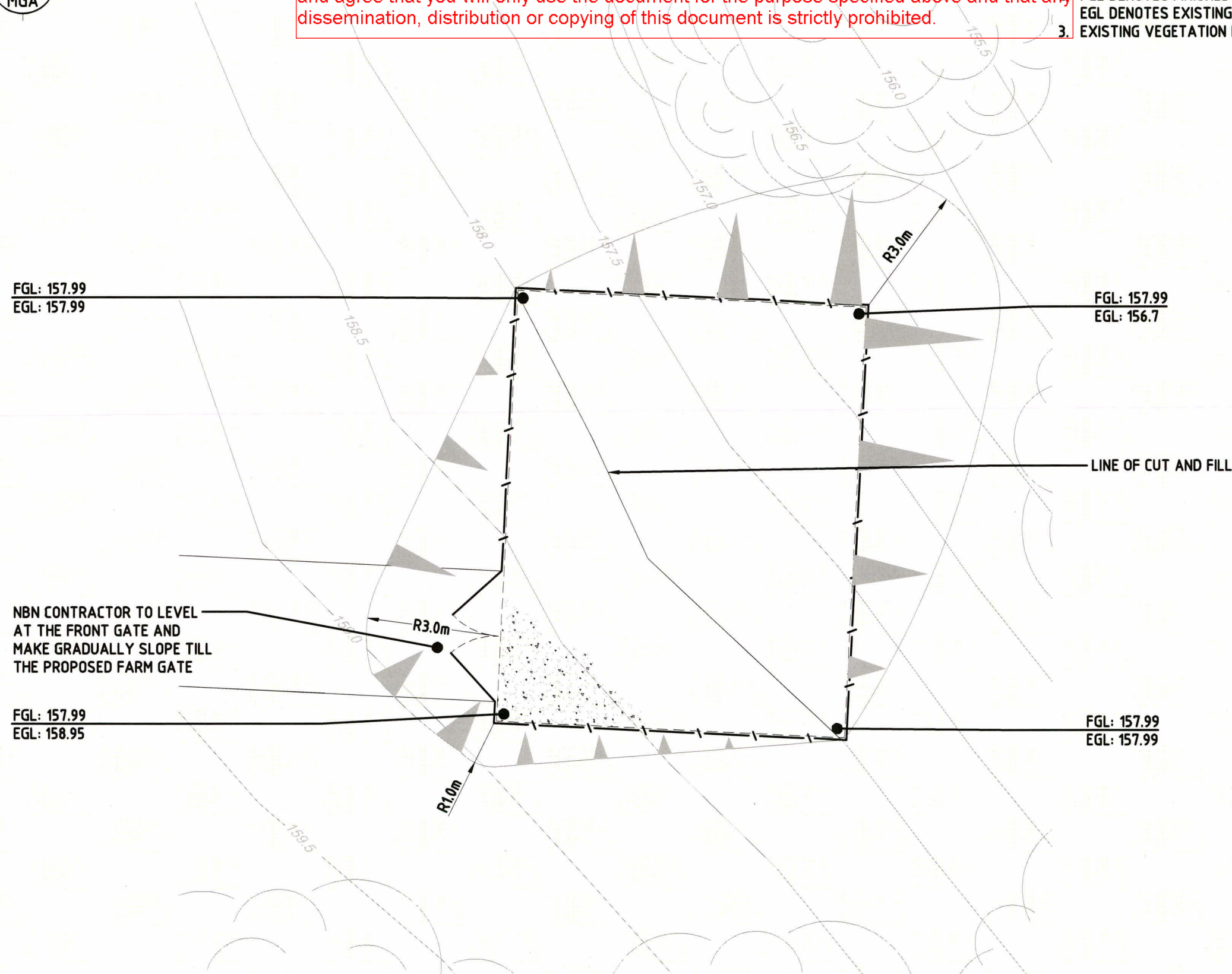
Drawing Title:  
SITE ELEVATION

Drawing No.  
3BWK-51-03-OFFI-C4  
Revision  
04





- NOTES:**
1. PERMANENT BATTER SHALL BE COMPACTED AND SEEDED IN A MANNER TO SUIT BATTER GRADES AND EROSION
  2. FGL DENOTES FINISHED GROUND LEVEL  
EGL DENOTES EXISTING GROUND LEVEL
  3. EXISTING VEGETATION NOT SHOWN FOR CLARITY



EARTHWORK SCHEDULE (m³)	
SLOPE CUT VOL.	--
SLOPE FILL VOL.	--

# SITE CIVIL PLAN

SCALE 1:100

04	08.11.16	SUBMIT TO DA	KE
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01	13.04.16	PRELIMINARY	AM
Rev.	Date	Revising Details	CA



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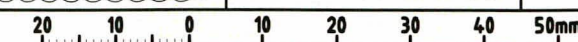
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Drawing Title:  
**SITE CIVIL PLAN**

Drawing No.  
3BWK-51-03-OFFI-C5

Revision	04
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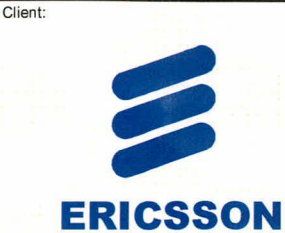
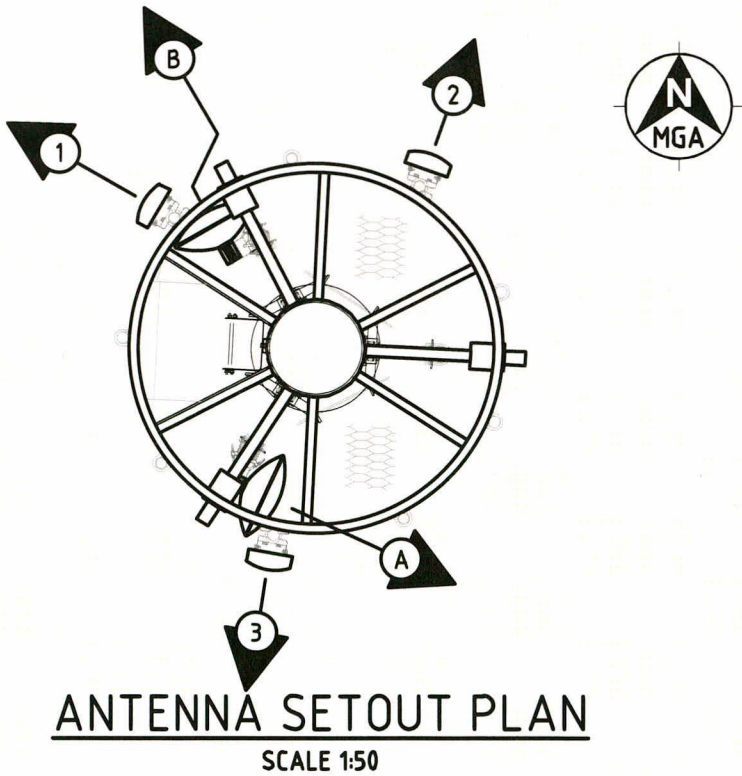


NBN ANTENNA CONFIGURATION																					
SECTOR	SYMBOL	RF ANTENNA DETAIL							MAIN FEEDER DETAIL					RRU DETAIL				RF TAIL		RET CABLE	
		TYPE	DIMENSION (HxWxD)	CL HEIGHT	AZIMUTH (TN)	ELEC TILT (NOTE 1)		MECH TILT	TYPE	QTY	OVERALL LENGTH	CANISTER HEIGHT	CANISTER TO RRU LENGTH	TYPE	QTY	CL HEIGHT	LOCATION	TYPE	LENGTH	TYPE	LENGTH
						P1 & P2	P3 & P4														
1		ARGUS SSPX310R	750x300x115	40.0m	300°	8°	8°	0°	H&S HYBRID MKII % Ø27.5mm	1	50.0m	38.6m	4.0m	RRUS 2218	2	39.6m	BEHIND ANTENNA	H&S 1/2" BIRD PROOFED LISCA CABLE	1.5m	1/TSR 484 21/2000	2.0m
2		ARGUS SSPX310R	750x300x115	40.0m	20°	5°	5°	0°					4.0m	RRUS 2218	2	39.6m	BEHIND ANTENNA	H&S 1/2" BIRD PROOFED LISCA CABLE	1.5m	1/TSR 484 21/2000	2.0m
3		ARGUS SSPX310R	750x300x115	40.0m	190°	7°	7°	0°					4.0m	RRUS 2218	2	39.6m	BEHIND ANTENNA	H&S 1/2" BIRD PROOFED LISCA CABLE	1.5m	1/TSR 484 21/2000	2.0m

SECTOR	SYMBOL	TX ANTENNA DETAIL							MAIN FEEDER DETAIL		
		TYPE	DIMENSION (HxWxD)	CL HEIGHT	AZIMUTH (TN)	DESTINATION	QTY RAU		TYPE	QTY	OVERALL LENGTH
A	Ⓐ	PARABOLIC	Ø600	37.0m	115°	BEACONHILLS	1		LDF1-50	1	45.0m
B	Ⓑ	PARABOLIC	Ø600	37.0m	330°	NARRE WARREN EAST	1		LDF1-50	1	45.0m
GPS		KRE 101 2082/1	Ø69x96	2.5m					LDF1-50	1	5.0m

NOTE:  
1. SUBJECT TO CHANGE.

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NATIONAL BROADBAND  
NETWORK  
SITE No: 3BWK-51-03-OFFI  
OFFICER  
368 O'NEIL ROAD  
OFFICER  
VIC 3809

PRELIMINARY

04	08.11.16	SUBMIT TO DA	KE
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Rev	Date	Revision Details	CAD

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APPROVED BY: JRK

Drawing Title:  
NBN ANTENNA  
CONFIGURATION  
& SETOUT PLAN

Drawing No.  
3BWK-51-03-OFFI-A1

Revision  
04



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