Visual Impact Photomontages and Methodology Report

Waterbrook Bowral

BACKGROUND

This document was prepared by Virtual Ideas for the purposes of visual impact assessment of the proposed Waterbrook Bowral Development Application within its context.

The report presents original photographs of the existing site conditions, as captured on the dates noted, alongside photomontages showing the proposed built form massing and proposed future landscaping of the Stage 2 (east) development will look like when superimposed over the existing site conditions.

The report also outlines the methodology used to establish an accurate 3D model and the process followed to create the visual impact photomontages.

Information used in the creation of this report is also noted in the methodolgy and/or included as an appendix for reference.

OVERVIEW

This visual impact assessment presents photomontages with proposed built form massing and semi-mature landscaping for the purposes of evaluating the visual impact of the development post-construction. Where this is hidden behind landscaping or vegetation, the proposed built form has been indicated by an outline. Stage 1 built form is shown as a dotted blue line and Stage 2 built form is shown as a dotted red line.

The process of creating accurate photomontage renderings involves the creation of an accurate, real-world scale digital 3D model.

Photographs are taken on location, with each camera position subsequently surveyed to identify the Map Grid of Australia (MGA) coordinates at each position.

3D cameras are then set-up in the 3D model to match these same real-world camera positions. By matching the real-world camera lens properties to the camera properties in our software and rotating the camera so that surveyed points in 3D space align with the corresponding points in the photograph, we can create a rendering that is correct in terms of position, scale, rotation, and perspective.

Time and camera data information is also recorded during the site photography so that accurate lighting conditions can be reproduced in the 3D rendering.

A digital image is then rendered from the camera in the 3D software application that is subsequently superimposed into the real-world photo to generate an image that represents accurate form and visual impact.

METHODOLOGY

Site Photography

Site photography was taken from various positions along Centennial Road, Kirkham Road and Mount Road. The photomontage positions shown in this report were selected to demonstrate the interface of the proposed Waterbrook Bowral development with the bordering transit ways.

Photographs were taken using the camera and lens equipment noted below:

- NIKON D800 digital camera, using a 14-24mm f/2.8 lens
- SONY ILCE-7RM3 digital cameras, using a 24mm f/3.5 lens

Photographs were taken from an approximate eye height of 1.6m above ground level.

The photos were taken with a 24mm focal length to present a uniform field of view within the images.

Survey Data

Accurate 2D/3D survey data was used to prepare the photomontages.

Survey data was used:

- for depiction of existing buildings, trees, power poles and other existing elements as shown in the wire frame; and
- to establish an accurate camera location and RL of the camera.

As noted in the camera position survey (refer to Appendix A), survey information was acquired through GPS (RTK) and is based on the Map Grid of Australia (MGA) and the Australian Height Datum (AHD).

Each camera position in the report includes a wire frame overlay showing the surveyed elements used for the purposes of 3D camera alignment.

A contour mesh was also extracted from the survey data to assist with aligning visible terrain in the base photography with the imported 3D contour mesh.

3D Model

For Stage 1 built form, the supplied 3D model of the proposed development was imported into our 3D software (Autodesk 3DS Max) referencing the imported surveyed data.

These models were then duplicated and positioned relative to their equivalent footprints shown on the supplied masterplan drawing for each relevant Villa.

Stage 2 built form was modelled from drawings provided by Marchese.

Alignment

The positions of the real world photography were located in the 3D scene by refering to the surveyed positions supplied by the Veris survey data (refer to Appendix A).

Cameras were then created in the 3D model to match the corresponding locations and height of where the photographs were taken from on site.
These were then aligned in rotation so that the points of the 3D model aligned with their corresponding objects visible in the photograph.

Renderings of the building with realistic textures and lighting were then created from the aligned 3D cameras and montaged into the existing photography at the same location.
The resulting images presented an accurate representation of the scale and position of the proposed development relative to the surrounding context.

Conclusion

In conclusion, it is my opinion as an experienced, professional 3D architectural and landscape renderer, that the following photomontages have been prepared in accordance with the Land and Environment Court's practice directions and accurately portray the level of visibility and impact of the built form.

Yours sincerely,

Grant Kolln

DESCRIPTION OF COLLECTED DATA

To create the 3D model and establish accurate reference points for alignment to the photography, a variety of information was collected.

This includes the following:

1) Architectural drawings of built form and site and 3D model of 2 x Villa types
    - Created by: Marchese Partners - 1/53 Walker St, North Sydney, NSW, 2060
    - Format: PDF & DWG drawing files and Sketchup model file

2) Landscape Plan
    - Created by: Site Design Studios, Sydney North Studio, Seaforth, NSW 2092
    - Format: PDF and DWG file

3) Camera Position Survey (Appendix A)
    - Created by: Veris - Suite 1, Level 5, 8 Australia Avenue, Sydney Olympic Park, NSW 2127
    - Format: DWG file and PDF file

3b) Camera Position Survey (Appendix A)
    - Created by: Australian Survey Solutions - PO Box 498, Bowral, NSW 2576
    - Format: DWG file and PDF file

4) Tree Survey (Appendix B)
    - Created by: Veris - Suite 1, Level 5, 8 Australia Avenue, Sydney Olympic Park, NSW 2127
    - Format: DWG file and PDF file

5) Site Survey (Appendix C)
    - Created by: Veris - Suite 1, Level 5, 8 Australia Avenue, Sydney Olympic Park, NSW 2127
    - Format: DWG file and PDF file

6) Site photography
    - Created by: Virtual Ideas
    - Format: JPEG and NEF file

CV OF GRANT KOLLN, DIRECTOR OF VIRTUAL IDEAS

Personal Details

Name:	Grant Kolln
DOB:	07/09/1974
Company Address:	Suite 71, 61 Marlborough St, Surry Hills, NSW, 2010
Phone Number:	(02) 8399 0222

Relevant Experience

2003 - Present	Director of 3D visualisation studio Virtual Ideas. During this time I have created architectural visualisation media for use in a large number of visual impact assessments across a variety of different industries including architectural, industrial, mining, landscaping and large public works projects. Through this experience I have developed a highly accurate methodology for the creation of architectural visualisation media for use in visual impact assessments.
1999 - 2001	Project manager for global SAP infrastructure implementation - Ericsson, Sweden
1999 - 1999	IT consultant - Sci-Fi Channel, London
1994 - 1999	Architectural Technician, Thomson Adsett Architect, Brisbane QLD.

Relevant Education / Qualifications

1997	Advanced Diploma in Architectural Technology, Southbank TAFE, Brisbane, QLD

Key Map - Camera Positions

VIRTUAL IDEAS

Location map of camera position

Existing photograph

Existing photograph showing surveyed alignment elements

Photomontage including proposed development


Outline of Stage 1 built form
Outline of Stage 2 built form

Camera Position C08B - Overview - Centennial Road View

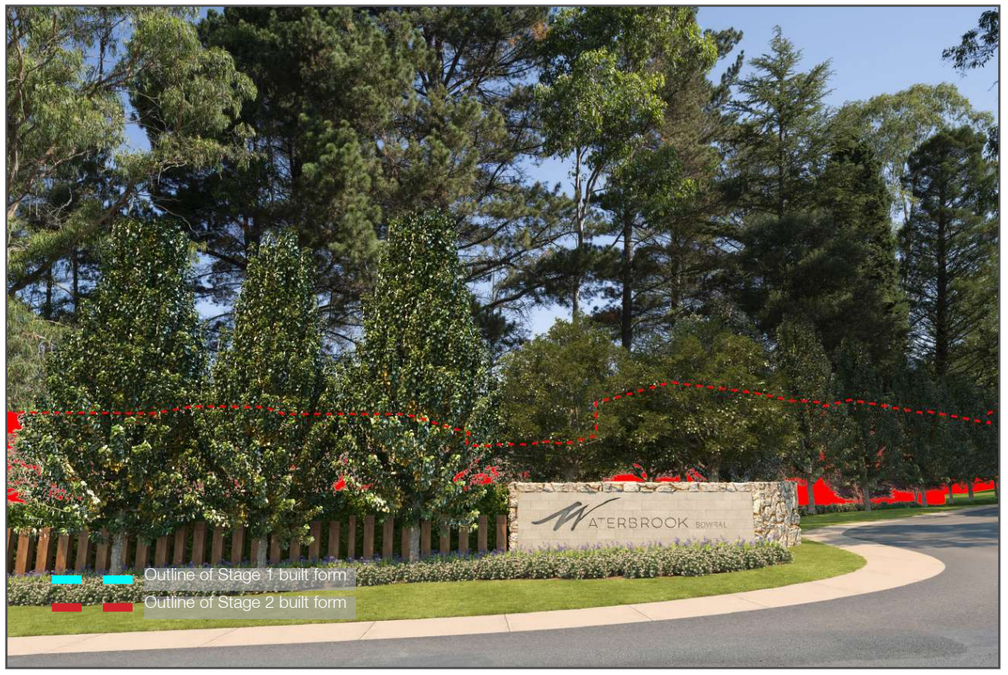
VIRTUAL IDEAS

Location map of camera position

Existing photograph

Existing photograph showing surveyed alignment elements

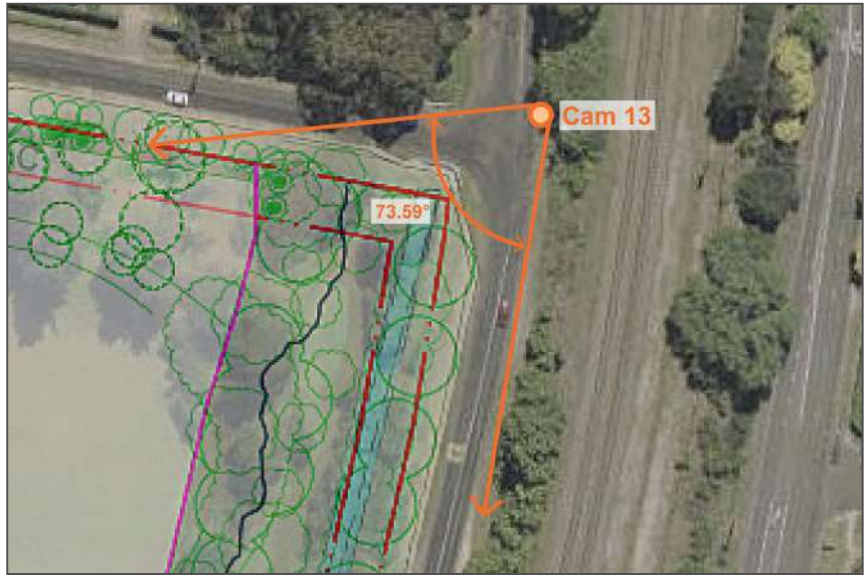
Photomontage including outline of proposed built form




8001
8000
8004


WATERBROOK BOWRAL
Outline of Stage 1 built form
Outline of Stage 2 built form

Location map of camera position



Existing photograph

Existing photograph showing surveyed alignment elements

Photomontage including outline of proposed built form


Outline of Stage 1 built form
Outline of Stage 2 built form

Location map of camera position

Existing photograph

Existing photograph showing surveyed alignment elements

Photomontage including outline of proposed built form


14001
14002
14003


Outline of Stage 1 built form
Outline of Stage 2 built form

Camera Position C18 - Overview - Mount Road View

VIRTUAL IDEAS

Location map of camera position

Existing photograph

Existing photograph showing surveyed alignment elements

Photomontage including outline of proposed built form


AZG-90F
AD 10 CN


18002
18001
18000
Boundary


Outline of Stage 1 built form
Outline of Stage 2 built form

11/09/2018

Ref:
200426.02

Nicholas Turner,
Waterbrook Retirement Lifestyle Resorts
Level 8 43 Bridge Street Bridge, Hurstville
NSW 2220

RE: Photo Stand Points, 2-18 Centennial Road, Bowral NSW

Nicholas,

Please find below a table of the Photo Stand Points that have been surveyed in September 11, 2018. The method used, as discussed with you, to acquire this information is through GPS(RTK) and is based on the Map Grid of Australia (MGA) and the Australian Height Datum(AHD).

Stand Point Number	Easting (MGA)	Northing (MGA)	Elevation (AHD)
C01	262602.24	6182534.55	689.97
C02	262615.64	6182533.86	689.85
C03	262666.54	6182527.43	688.37
C04	262700.67	6182515.59	686.63
C05	262752.41	6182507.92	683.44
C06	262796.12	6182501.47	681.55
C07	262868.38	6182490.04	678.11
C08	262908.28	6182483.18	676.69
C09	262938.34	6182478.44	675.60
C10	262991.91	6182457.95	673.43
C11	262999.53	6182453.16	673.07
C12	263015.84	6182532.78	674.42
C13	263017.35	6182475.77	673.34
C14	262896.91	6182142.20	670.07
C15	262812.25	6182154.34	670.08
C16	262750.61	6182150.78	668.72

If you require further information please do not hesitate to contact us.

Sincerely,

Ben Burley
Senior Subsurface Surveyor
0401 238 815
b.burley@veris.com.au

Sydney
Suite 1, Level 5
8 Australia Avenue
Sydney Olympic Park
NSW 2127
PO Box 6606
Silverwater NSW 2128

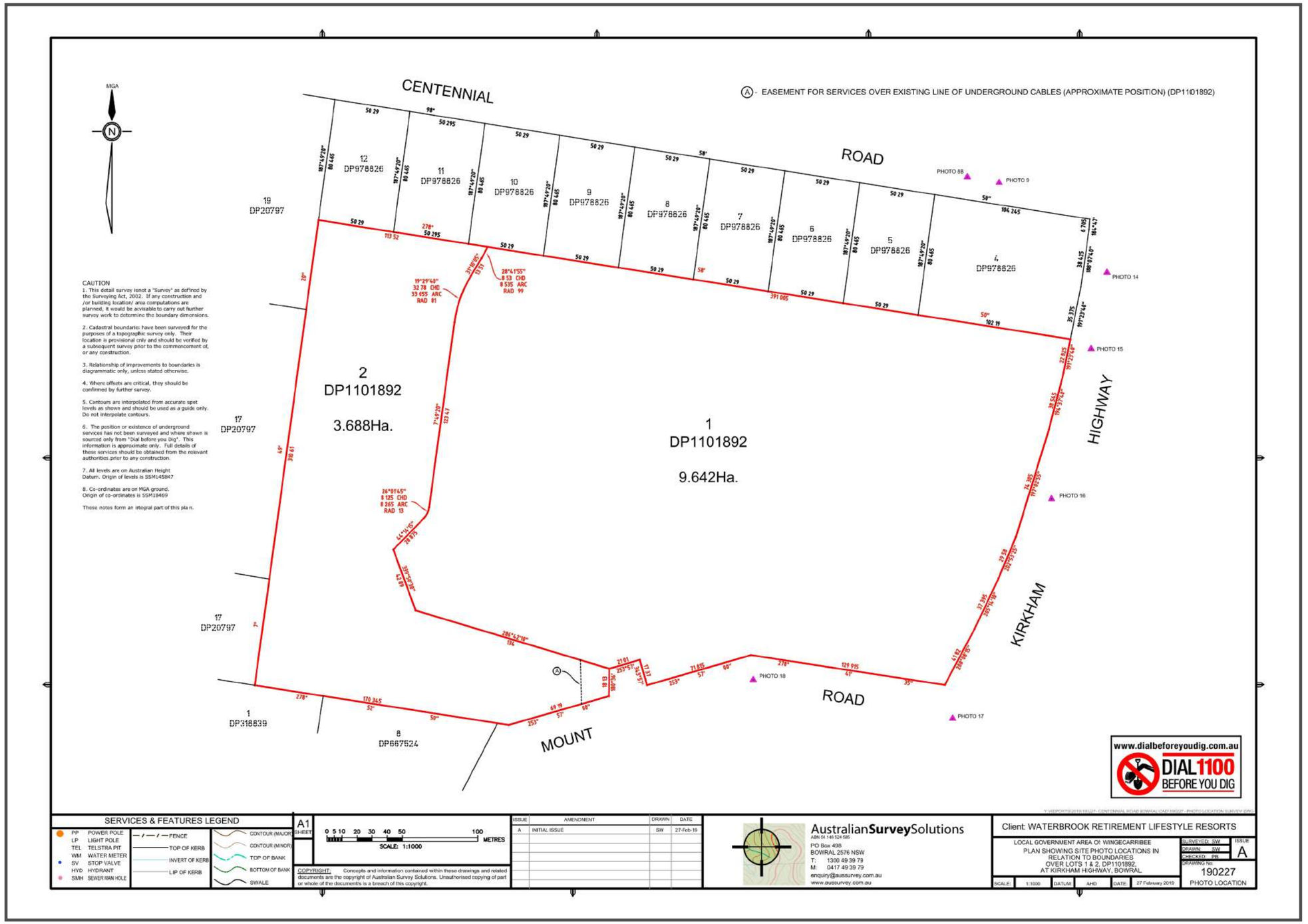
T 1300 765 315
info.nsw@veris.com.au
veris.com.au

Office Locations
Over 20 offices
across Australia
veris.com.au/contactus

Veris Australia Pty Ltd
ABN 53 615 735 727

DEVELOP WITH CONFIDENCE ™

Version: VRS-TMP-141_2


MGA
CENTENNIAL
ROAD
A - EASEMENT FOR SERVICES OVER EXISTING LINE OF UNDERGROUND CABLES (APPROXIMATE POSITION) (DP1101892)
12 DP978826
11 DP978826
10 DP978826
9 DP978826
8 DP978826
7 DP978826
6 DP978826
5 DP978826
4 DP978826
19 DP20797
17 DP20797
2 DP1101892 3.688Ha.
1 DP1101892 9.642Ha.
1 DP318839
8 DP667524
PHOTO 8B
PHOTO 9
PHOTO 14
PHOTO 15
PHOTO 16
PHOTO 17
PHOTO 18
HIGHWAY
KIRKHAM ROAD
MOUNT
CAUTION
1. This detail survey isnot a "Survey" as defined by the Surveying Act, 2002. If any construction and /or building location/ area computations are planned, it would be advisable to carry out further survey work to determine the boundary dimensions.
2. Cadastral boundaries have been surveyed for the purposes of a topographic survey only. Their location is provisional only and should be verified by a subsequent survey prior to the commencement of, or any construction.
3. Relationship of improvements to boundaries is diagrammatic only, unless stated otherwise.
4. Where offsets are critical, they should be confirmed by further survey.
5. Contours are interpolated from accurate spot levels as shown and should be used as a guide only. Do not interpolate contours.
6. The position or existence of underground services has not been surveyed and where shown is sourced only from "Dial before you Dig". This information is approximate only. Full details of these services should be obtained from the relevant authorities prior to any construction.
7. All levels are on Australian Height Datum. Origin of levels is SSM145847
8. Co-ordinates are on MGA ground. Origin of co-ordinates is SSM19469
These notes form an integral part of this pla n.
SERVICES & FEATURES LEGEND
PP POWER POLE
LP LIGHT POLE
TEL TELSTRA PIT
WM WATER METER
SV STOP VALVE
HYD HYDRANT
SMH SEWER MAN HOLE
FENCE
TOP OF KERB
INVERT OF KERB
LIP OF KERB
CONTOUR (MAJOR)
CONTOUR (MINOR)
TOP OF BANK
BOTTOM OF BANK
SWALE
A1 SHEET
0 5 10 20 30 40 50 100 METRES
SCALE: 1:1000
COPYRIGHT: Concepts and information contained within these drawings and related documents are the copyright of Australian Survey Solutions. Unauthorised copying of part or whole of the documents is a breach of this copyright.
ISSUE A
AMENDMENT INITIAL ISSUE
DRAWN SW
DATE 27-Feb-19
AustralianSurveySolutions
ABN 54 146 524 585
PO Box 498
BOWRAL 2576 NSW
T: 1300 49 39 79
M: 0417 49 39 79
enquiry@aussurvey.com.au
www.aussurvey.com.au
Client: WATERBROOK RETIREMENT LIFESTYLE RESORTS
LOCAL GOVERNMENT AREA OF WINGECARRIBEE
PLAN SHOWING SITE PHOTO LOCATIONS IN RELATION TO BOUNDARIES OVER LOTS 1 & 2, DP1101892, AT KIRKHAM HIGHWAY, BOWRAL
SURVEYED: SW
DRAWN: SW
CHECKED: PB
ISSUE A
DRAWING No. 190227
SCALE: 1:1000
DATUM: AHD
DATE: 27 February 2019
PHOTO LOCATION
www.dialbeforeyoudig.com.au
DIAL 1100 BEFORE YOU DIG

AustralianSurveySolutions

190227 – PHOTO AND SURVEY FEATURE CO-ORDINATES

PHOTO 8B LOCATION		262917.505	6182480.762	676.373
	8000	262911.904	6182464.591	676.166
	8001	262901.698	6182461.531	676.533
	8002	262911.383	6182472.933	676.129
	8003	262895.833	6182468.908	676.365
	8004	262909.643	6182469.529	676.451
PHOTO 9 LOCATION		262938.568	6182477.000	675.626
	9000	262934.555	6182467.486	675.398
	9001	262941.907	6182466.225	674.970
	9002	262946.573	6182461.802	675.370
	9003	262930.192	6182463.334	675.312
PHOTO14 LOCATION		263010.034	6182417.473	672.202
	14000	262996.634	6182405.922	671.809
	14001	262993.555	6182411.898	672.053
	14002	262994.392	6182416.929	672.116
	14003	262995.441	6182421.840	672.163
PHOTO 15 LOCATION		262999.587	6182367.013	671.381
	15000	262986.399	6182371.881	671.363
	15001	262989.826	6182366.840	671.259
	15002	262992.210	6182385.965	671.522
	15003	262988.608	6182385.116	671.555
PHOTO16 LOCATION		262973.317	6182267.812	670.928
	16000	262968.461	6182280.722	670.834
	16001	262968.260	6182281.290	670.849
	16002	262965.016	6182288.631	670.268
	16003	262971.535	6182314.690	670.850
	16004	262972.428	6182316.480	670.851
PHOTO 17 LOCATION		262907.810	6182122.529	670.894
	17000	262903.224	6182139.937	670.974
	17001	262903.015	6182144.622	671.292
	17002	262909.950	6182143.547	670.891
	17003	262905.271	6182134.526	671.007
	17004	262920.179	6182168.838	670.940
PHOTO 18 LOCATION		262775.610	6182148.070	669.161
	18000	262778.722	6182163.694	669.449
	18001	262774.767	6182164.330	669.234
	18002	262770.389	6182162.588	668.876
	18003	262789.202	6182233.045	669.088
	18004	262759.881	6182183.641	668.602

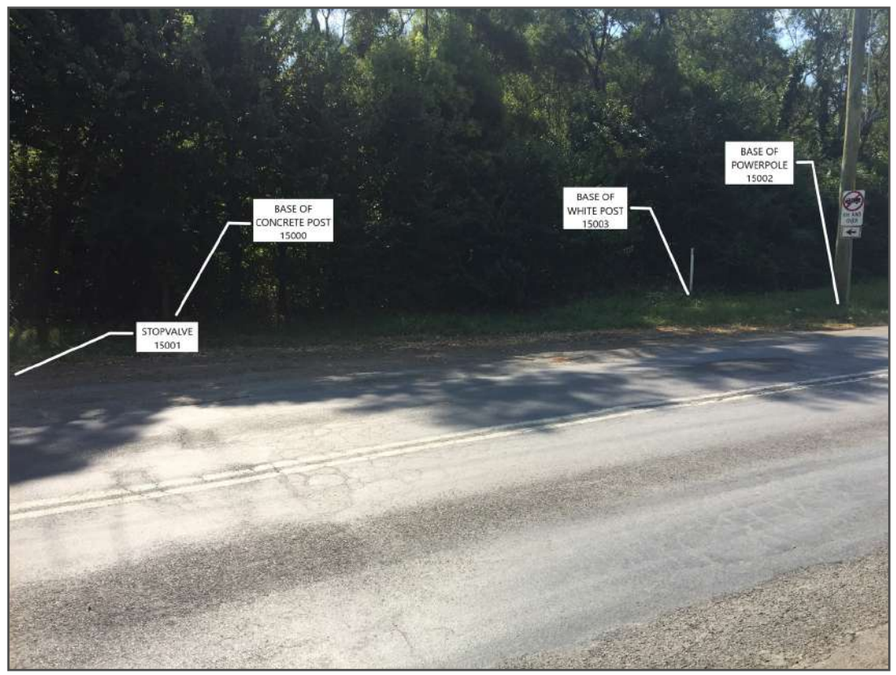
Please see attached photos for survey feature diagrams

PO Box 498 • Bowral • NSW 2576 • ABN 54 146 524 585
telephone 1300 49 39 79 • **email** info@aussurvey.com.au • **web** www.aussurveycom.au


BASE OF BRICK PEIR 8001
BASE OF POLE 8000
GROUND LEVEL ON GAS MARKER 8004
BASE OF POST WITH LETTERBOX 8003
GROUND LEVEL AT END OF DRAIN 8002

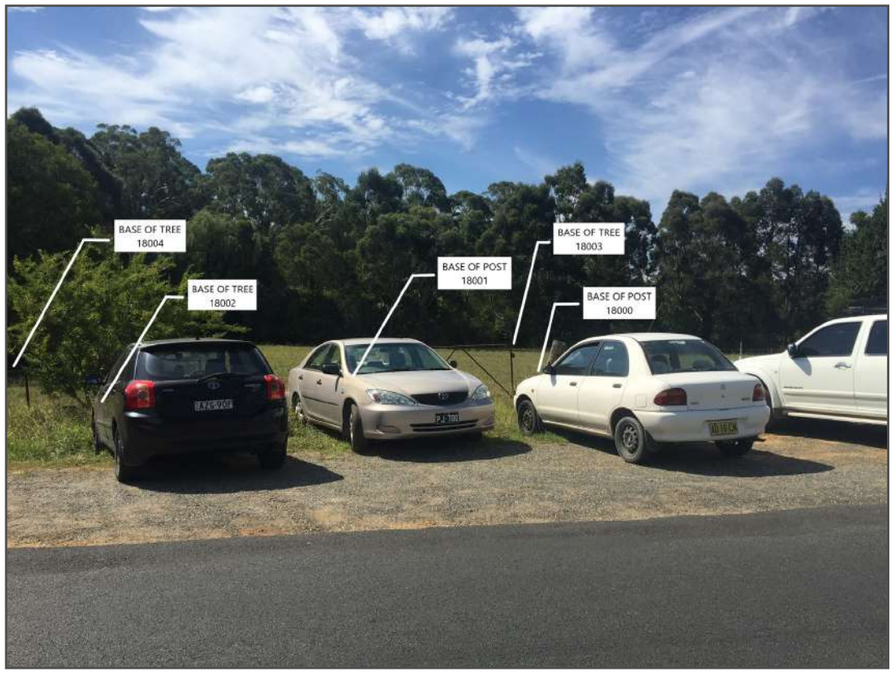

BASE OF POST 9002
BASE OF POST 9003
HIRE
Australia Wide
1300 572 573
GROUND LEVEL AT VAN CNR 9001
GROUND LEVEL AT VAN CNR 9000

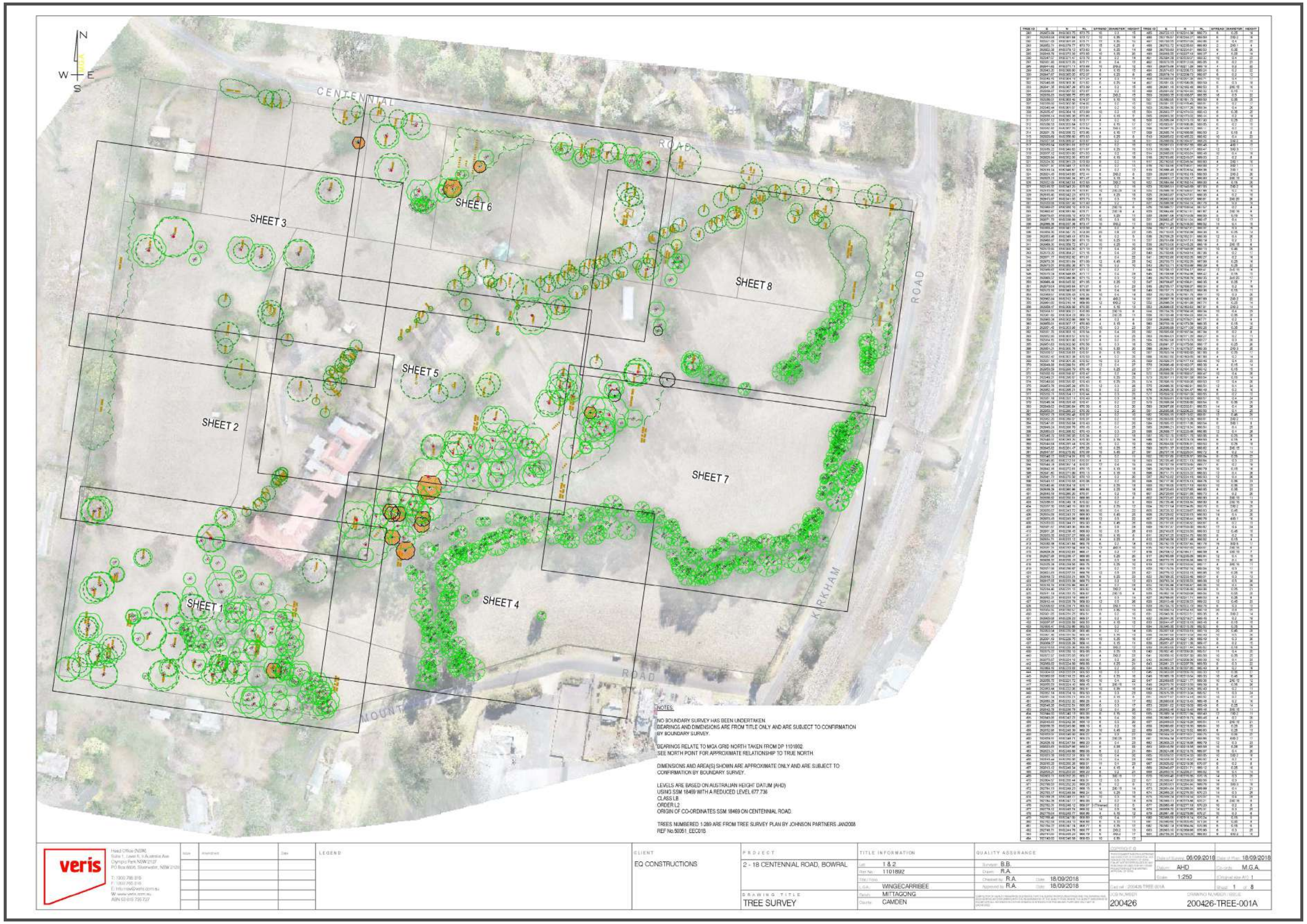

BASE OF SCHOOL SPEED SIGN 14000
BASE OF STARPICKET 14001
BASE OF STARPICKET 14002
BASE OF STARPICKET 14003


BASE OF CONCRETE POST 15000
BASE OF WHITE POST 15003
BASE OF POWERPOLE 15002
STOPVALVE 15001

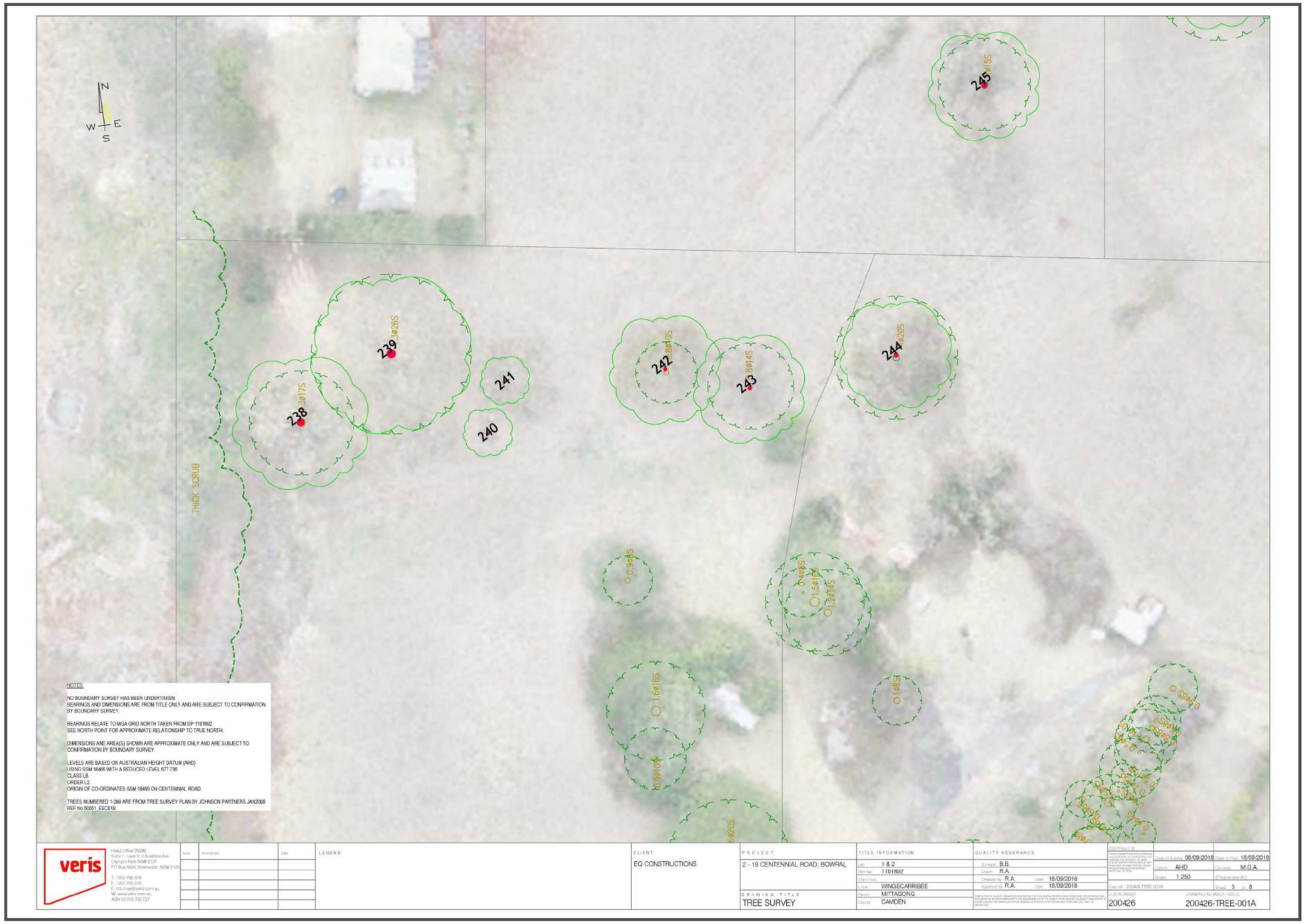

BASE OF TIMBER POST 16004
BASE OF GAS MARKER POST 16002
BASE OF GAS MARKER POST 160003
GROUND LEVEL AT END OF GUARDRAIL 16001
BASE OF GUIDEPOST 16000

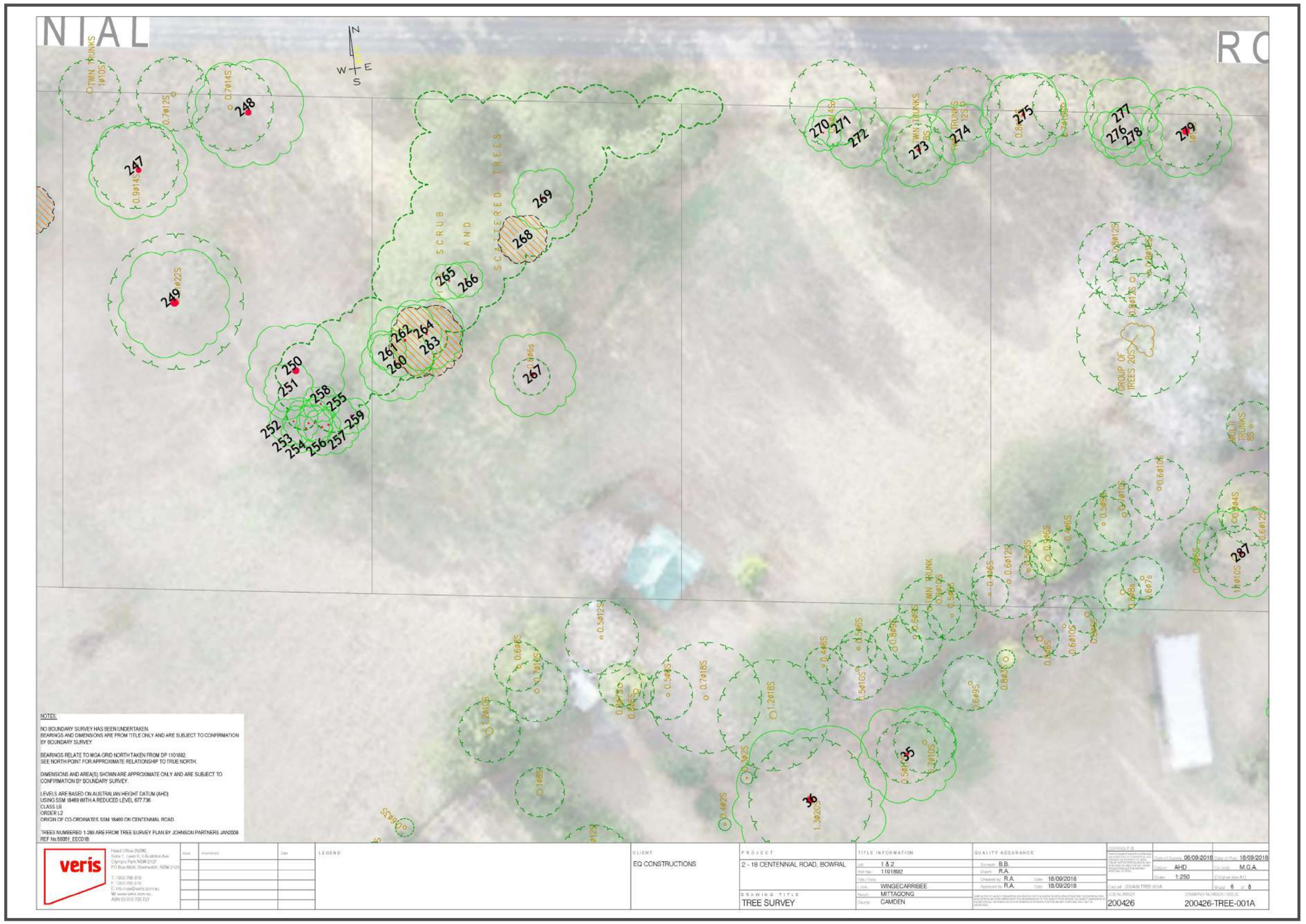

BASE OF POWERPOLE 17004
BASE OF POST 17001
BASE OF SIGN 17000
BASE OF GUIDEPOST 17002
STOPVALVE 17003

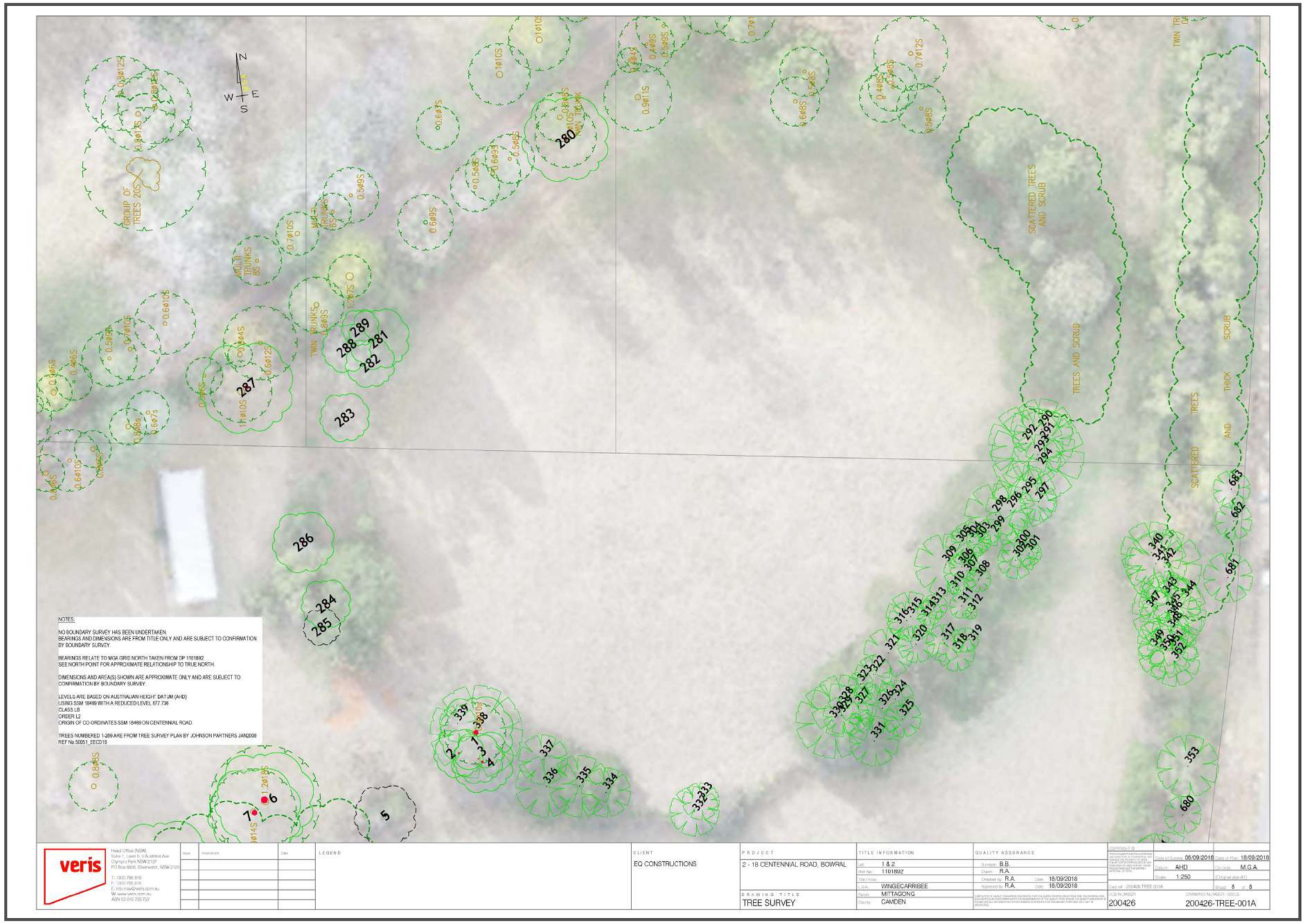

BASE OF TREE 18004
BASE OF TREE 18002
BASE OF POST 18001
BASE OF TREE 18003
BASE OF POST 18000

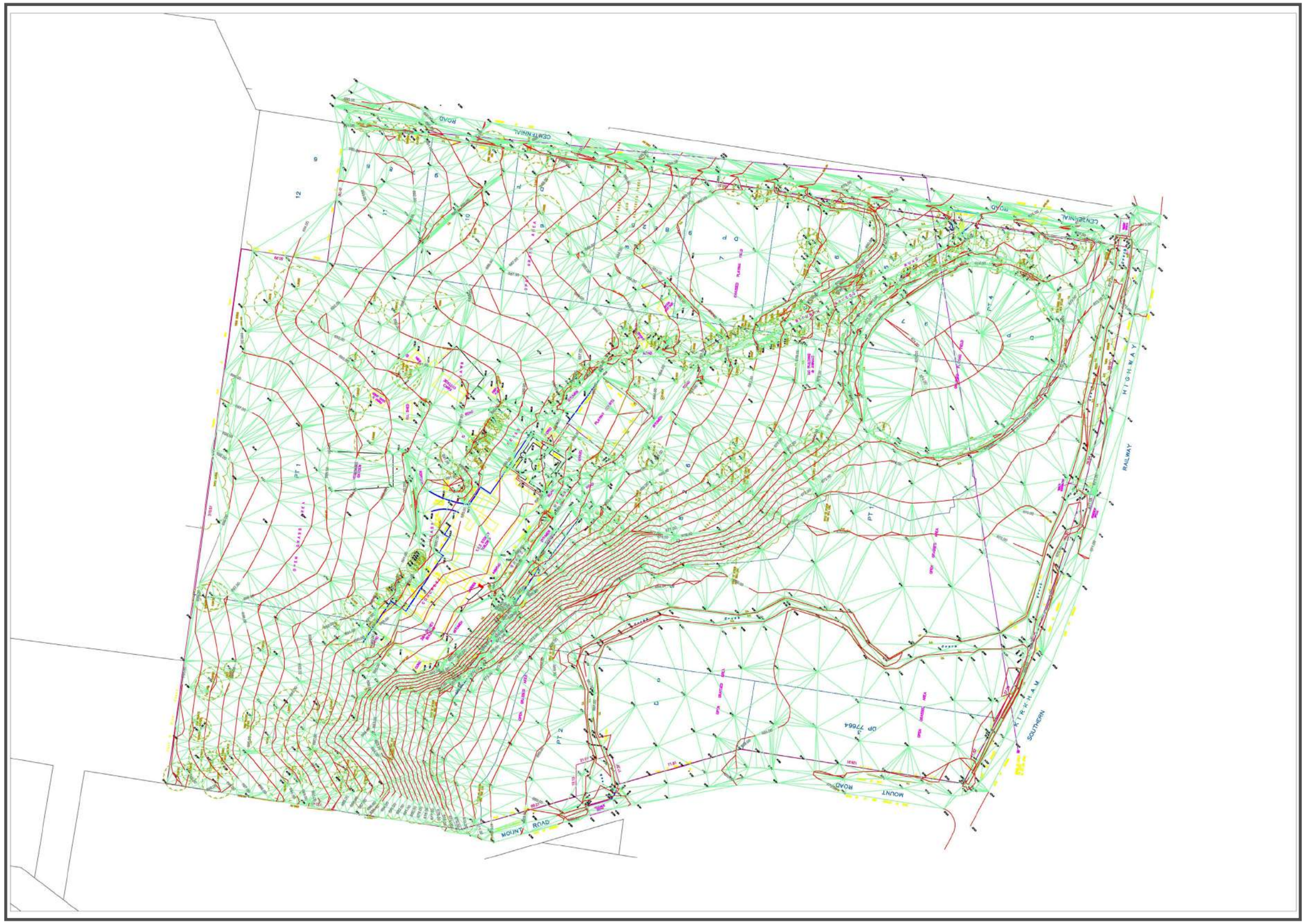


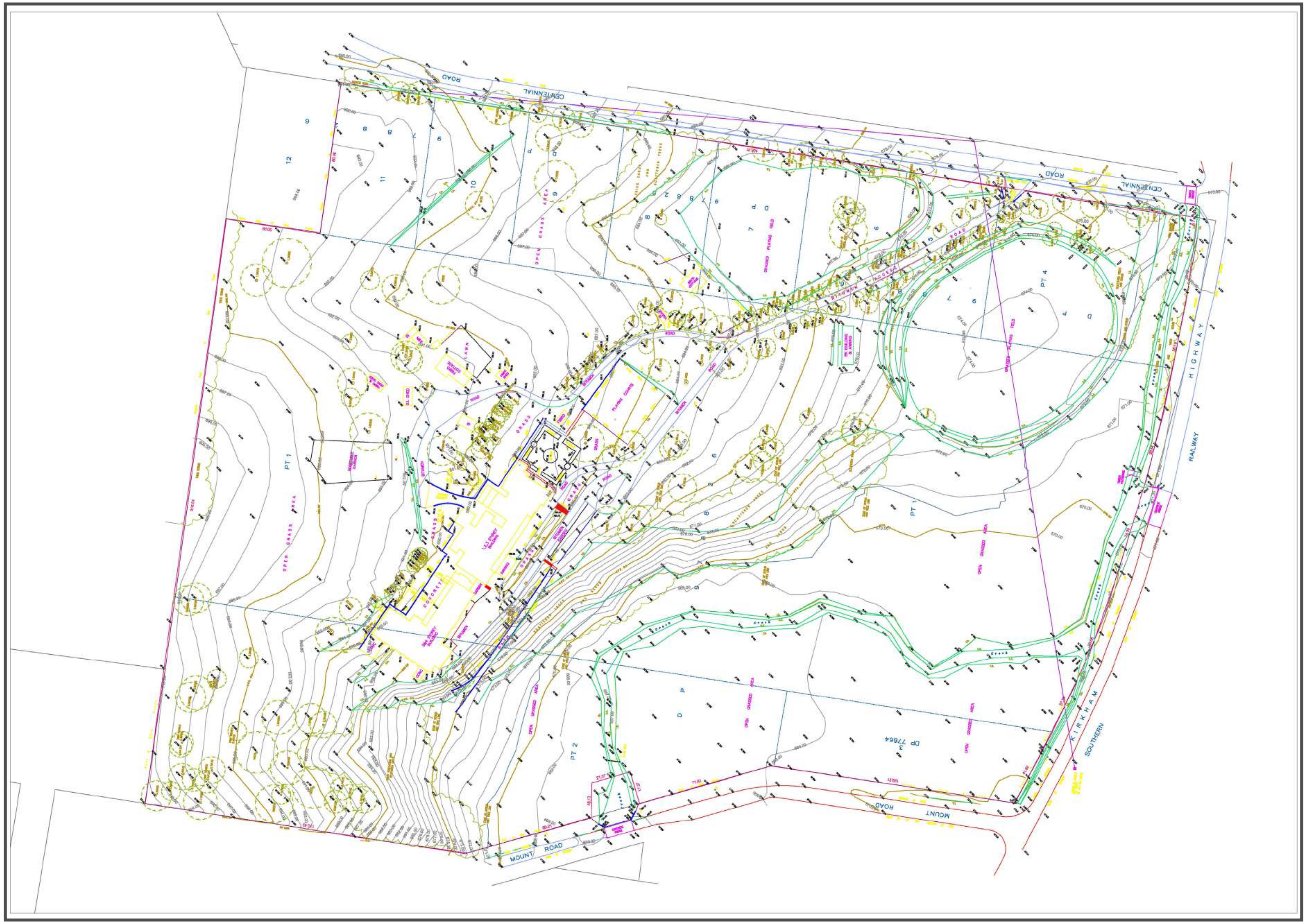
CENTENNIAL ROAD
KIRKHAM ROAD
MOUNT ROAD
SHEET 1
SHEET 2
SHEET 3
SHEET 4
SHEET 5
SHEET 6
SHEET 7
SHEET 8
NOTES:
NO BOUNDARY SURVEY HAS BEEN UNDERTAKEN.
BEARINGS AND DIMENSIONS ARE FROM TITLE ONLY AND ARE SUBJECT TO CONFIRMATION BY BOUNDARY SURVEY.
BEARINGS RELATE TO MGA GRID NORTH TAKEN FROM DP 1101892.
SEE NORTH POINT FOR APPROXIMATE RELATIONSHIP TO TRUE NORTH.
DIMENSIONS AND AREA(S) SHOWN ARE APPROXIMATE ONLY AND ARE SUBJECT TO CONFIRMATION BY BOUNDARY SURVEY.
LEVELS ARE BASED ON AUSTRALIAN HEIGHT DATUM (AHD)
USING SSM 18469 WITH A REDUCED LEVEL 677.736
CLASS LB
ORDER L2
ORIGIN OF CO-ORDINATES SSM 18469 ON CENTENNIAL ROAD.
TREES NUMBERED 1-289 ARE FROM TREE SURVEY PLAN BY JOHNSON PARTNERS JAN2008
REF No.50051_EEC01B
veris
CLIENT
EQ CONSTRUCTIONS
PROJECT
2 - 18 CENTENNIAL ROAD, BOWRAL
DRAWING TITLE
TREE SURVEY
TITLE INFORMATION
1 & 2
1101892
WINGECARRIBEE
MITTAGONG
CAMDEN
QUALITY ASSURANCE
B.B.
R.A.
R.A. 18/09/2018
R.A. 18/09/2018
06/09/2018
18/09/2018
AHD
M.G.A.
1:250
1 of 8
JOB NUMBER
200426
DRAWING NUMBER / ISSUE
200426-TREE-001A


N
W
E
S
238
239
240
241
242
243
244
245
THICK SCRUB
NOTES:
NO BOUNDARY SURVEY HAS BEEN UNDERTAKEN.
BEARINGS AND DIMENSIONS ARE FROM TITLE ONLY AND ARE SUBJECT TO CONFIRMATION BY BOUNDARY SURVEY.
BEARINGS RELATE TO MGA GRID NORTH TAKEN FROM DP 1101892
SEE NORTH POINT FOR APPROXIMATE RELATIONSHIP TO TRUE NORTH.
DIMENSIONS AND AREA(S) SHOWN ARE APPROXIMATE ONLY AND ARE SUBJECT TO CONFIRMATION BY BOUNDARY SURVEY.
LEVELS ARE BASED ON AUSTRALIAN HEIGHT DATUM (AHD)
USING SSM 18468 WITH A REDUCED LEVEL 677.736
CLASS LB
ORDER L2
ORIGIN OF CO-ORDINATES SSM 18469 ON CENTENNIAL ROAD.
TREES NUMBERED 1-289 ARE FROM TREE SURVEY PLAN BY JOHNSON PARTNERS JAN2008
REF No.50051_EEC018
veris
LEGEND
CLIENT
EQ CONSTRUCTIONS
PROJECT
2 - 18 CENTENNIAL ROAD, BOWRAL
DRAWING TITLE
TREE SURVEY
TITLE INFORMATION
Lot: 1 & 2
Plan No.: 1101892
LGA: WINGECARRIBEE
Parish: MITTAGONG
County: CAMDEN
QUALITY ASSURANCE
Surveyed: B.B.
Drawn: R.A.
Checked by: R.A. Date: 18/09/2018
Approved by: R.A. Date: 18/09/2018
Date of Survey: 06/09/2018
Datum: AHD
Scale: 1:250
Date of Plan: 18/09/2018
Co-ords: M.G.A.
Original size A1
Sheet 3 of 8
JOB NUMBER
200426
DRAWING NUMBER / ISSUE
200426-TREE-001A


N I A L
R C
N
W E
S
SCRUB AND SCATTERED TREES
247
248
249
250
251
252
253
254
255
256
257
258
259
260
261
262
263
264
265
266
267
268
269
270
271
272
273
274
275
276
277
278
279
287
35
36
GROUP OF TREES 205
NOTES:
NO BOUNDARY SURVEY HAS BEEN UNDERTAKEN.
BEARINGS AND DIMENSIONS ARE FROM TITLE ONLY AND ARE SUBJECT TO CONFIRMATION BY BOUNDARY SURVEY.
BEARINGS RELATE TO MGA GRID NORTH TAKEN FROM DP 1101892.
SEE NORTH POINT FOR APPROXIMATE RELATIONSHIP TO TRUE NORTH.
DIMENSIONS AND AREA(S) SHOWN ARE APPROXIMATE ONLY AND ARE SUBJECT TO CONFIRMATION BY BOUNDARY SURVEY.
LEVELS ARE BASED ON AUSTRALIAN HEIGHT DATUM (AHD)
USING SSM 18469 WITH A REDUCED LEVEL 677.736
CLASS LB
ORDER L2
ORIGIN OF CO-ORDINATES: SSM 18469 ON CENTENNIAL ROAD.
TREES NUMBERED 1-269 ARE FROM TREE SURVEY PLAN BY JOHNSON PARTNERS JAN2008 REF No:50051_EEC01B
veris
LEGEND
CLIENT
EQ CONSTRUCTIONS
PROJECT
2 - 18 CENTENNIAL ROAD, BOWRAL
DRAWING TITLE
TREE SURVEY
TITLE INFORMATION
Lot: 1 & 2
Plan No.: 1101892
Title / Folio:
Local: WINGECARRIBEE
Parish: MITTAGONG
County: CAMDEN
QUALITY ASSURANCE
Surveyor: B.B.
Drawn: R.A.
Checked by: R.A. Date: 18/09/2018
Approved by: R.A. Date: 18/09/2018
Date of Survey: 06/09/2018
Date of Plan: 18/09/2018
Datum: AHD
Co-ords: M.G.A.
Scale: 1:250
(Original size A1)
Ref ref: 200426.TREE.001A
Sheet: 6 of 8
JOB NUMBER
200426
DRAWING NUMBER / ISSUE
200426-TREE-001A


N
W
E
S
GROUP OF TREES 2DS
MULTI TRUNKS 8S
TWIN TRUNKS 8S
SCATTERED TREES AND SCRUB
TREES AND SCRUB
SCATTERED TREES AND THICK SCRUB
280
281
282
283
284
285
286
287
288
289
290
291
292
293
294
295
296
297
298
299
300
301
302
303
304
305
306
307
308
309
310
311
312
313
314
315
316
317
318
319
320
321
322
323
324
325
326
327
328
329
330
331
332
333
334
335
336
337
338
339
340
341
342
343
344
345
346
347
348
349
350
351
352
353
680
681
682
683
1
2
3
4
5
6
7
NOTES:
NO BOUNDARY SURVEY HAS BEEN UNDERTAKEN.
BEARINGS AND DIMENSIONS ARE FROM TITLE ONLY AND ARE SUBJECT TO CONFIRMATION BY BOUNDARY SURVEY.
BEARINGS RELATE TO MGA GRID NORTH TAKEN FROM DP 1101892
SEE NORTH POINT FOR APPROXIMATE RELATIONSHIP TO TRUE NORTH.
DIMENSIONS AND AREA(S) SHOWN ARE APPROXIMATE ONLY AND ARE SUBJECT TO CONFIRMATION BY BOUNDARY SURVEY.
LEVELS ARE BASED ON AUSTRALIAN HEIGHT DATUM (AHD)
USING SSM 18499 WITH A REDUCED LEVEL 677.736
CLASS LB
ORDER L2
ORIGIN OF CO-ORDINATES SSM 18499 ON CENTENNIAL ROAD.
TREES NUMBERED 1-289 ARE FROM TREE SURVEY PLAN BY JOHNSON PARTNERS JAN2008
REF No 50051_EEC01B
veris
Head Office (NSW)
Suite 1, Level 5, 6 Australia Ave
Olympic Park NSW 2127
PO Box 6806, Silverwater, NSW 2128
T: 1300 795 315
F: 1300 795 316
E: info.nsw@veris.com.au
W: www.veris.com.au
ABN 63 615 735 727
Issue
Amendment
Date
LEGEND
CLIENT
EQ CONSTRUCTIONS
PROJECT
2 - 18 CENTENNIAL ROAD, BOWRAL
DRAWING TITLE
TREE SURVEY
TITLE INFORMATION
Lot: 1 & 2
Plan No.: 1101892
Title / Folio:
L.G.A.: WINGECARRIBEE
Parish: MITTAGONG
County: CAMDEN
QUALITY ASSURANCE
Surveyor: B.B.
Drawn: R.A.
Checked by: R.A. Date: 18/09/2018
Approved by: R.A. Date: 18/09/2018
DRAWING DETAILS
Date of Survey: 06/09/2018
Date of Plan: 18/09/2018
Datum: AHD
Co-ords: M.G.A.
Scale: 1:250
Original size A0
Last ref: 200426-TREE-001A
Sheet: 8 of: 8
JOB NUMBER
200426
DRAWING NUMBER / ISSUE
200426-TREE-001A


MOUNT ROAD
RAILWAY
SOUTHERN
DP 776647
PT 1
PT 2


MOUNT ROAD
HIGHWAY
RAILWAY
KIRKHAM
SOUTHERN
PT 1
PT 2