



NSW GOVERNMENT
Planning

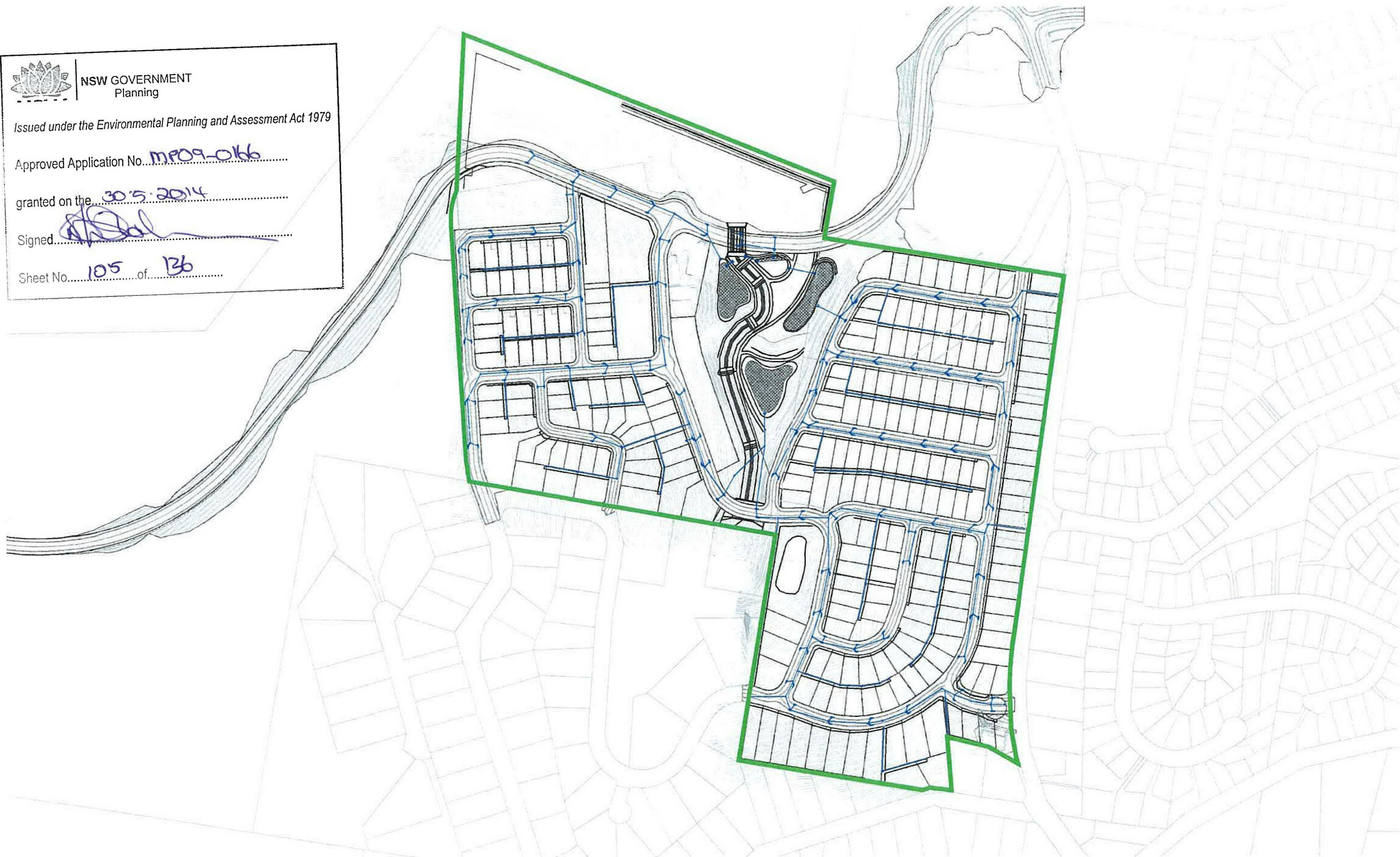
Issued under the Environmental Planning and Assessment Act 1979

Approved Application No. MP09-0166

granted on the 30.5.2014

Signed [Signature]

Sheet No. 105 of 136



ORIENTATION
NORTH

SCALE
40 80 120 160 200
metres

ROBINA
PO Box 4115 Robina QLD 4230 07 5578 9944
Email robina@access.gs www.access.gs

LEGEND

- Site boundary
- 0.5m contours
- 2.5m contours
- Stormwater drainage network

SOURCES

Base plan: BradLees Consulting
Received: 20/02/2013

Earthworks contours: BradLees Consulting
Received: 22/22/2013

Background DCDB: supplied by B&P surveys
Received: 17/04/2013

PROJECT

ALTITUDE ASPIRE
FRASER DRIVE
TERRANORA
NEW SOUTH WALES

CLIENT

NEWLAND
DEVELOPERS
PTY LTD

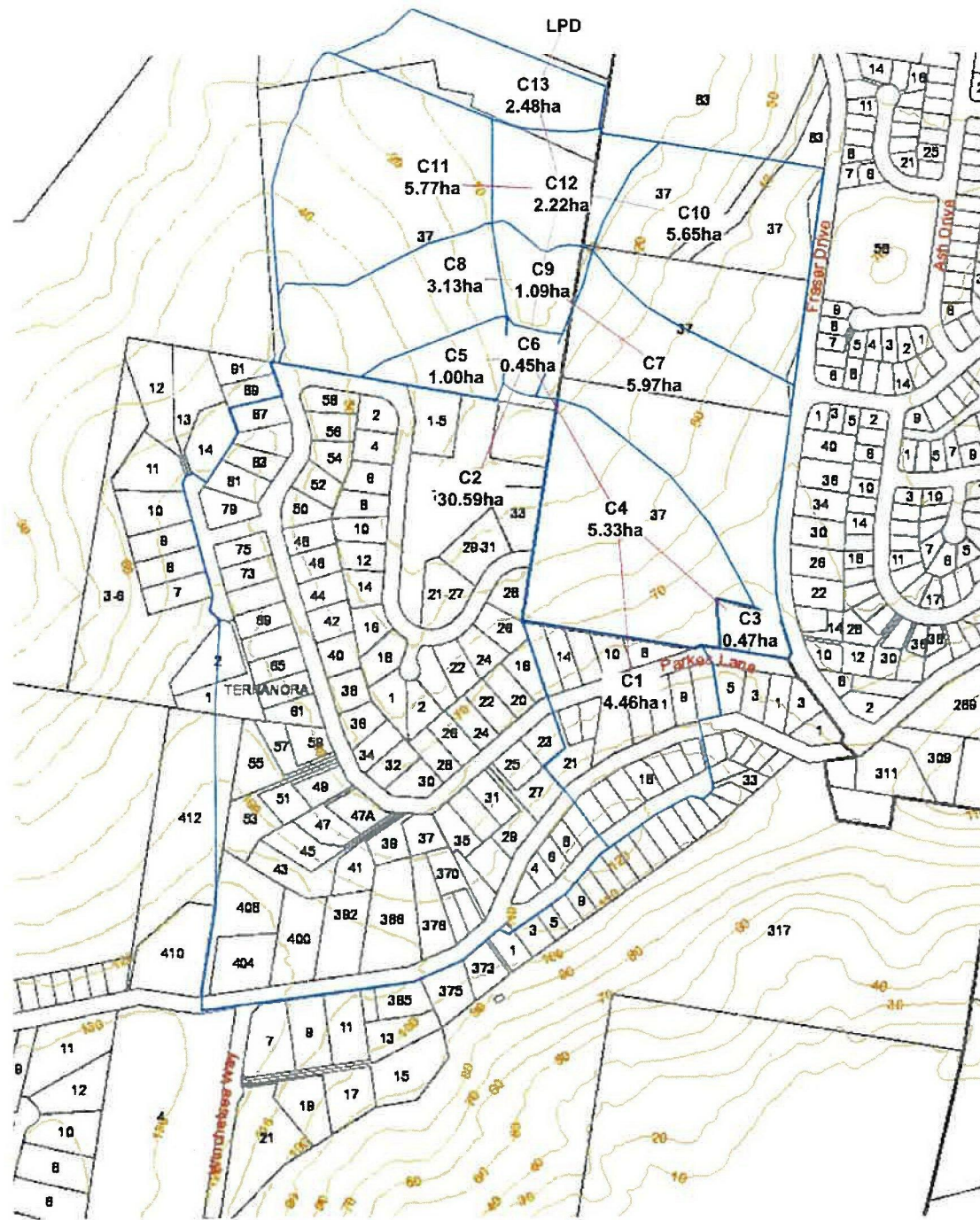
DRAWING

PROPOSED
DEVELOPMENT

SCALE 1:4 000@A3	DATE 19/04/2013	DRAWN AJF	CHECKED CMA	PROJECT NO 10849	DRAWING NO 203
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Brisbane Sydney Melbourne and regions

**+GILBERT
SUTHERLAND**
Agriculture. Water. Environment.



1:8 000@A3
100 200 300 400
metres

ORIENTATION
NORTH

SCALE
AS SHOWN

ROBINA

PO Box 4115 Robina QLD4230
Email: robina@access.gs

07 5578 9944
www.access.gs

LEGEND

- Catchment boundary
- 0.5m contours
- Landuse - open space, parks & drainage easement
- Landuse - existing external residential development

SOURCES

Image base: Tweed Shire Council - PDOnline database
Survey contours: B&P Surveys

PROJECT

ALTITUDE ASPIRE
FRASER DRIVE
TERRANORA
NEW SOUTH WALES

CLIENT

NEWLAND
DEVELOPERS
PTY LTD

DRAWING

EXISTING CASE
CATCHMENTS,
LANDUSE & WBNM
MODEL LAYOUT

SCALE
AS SHOWN

DATE
19/04/2013

DRAWN
AJF

CHECKED
CMA

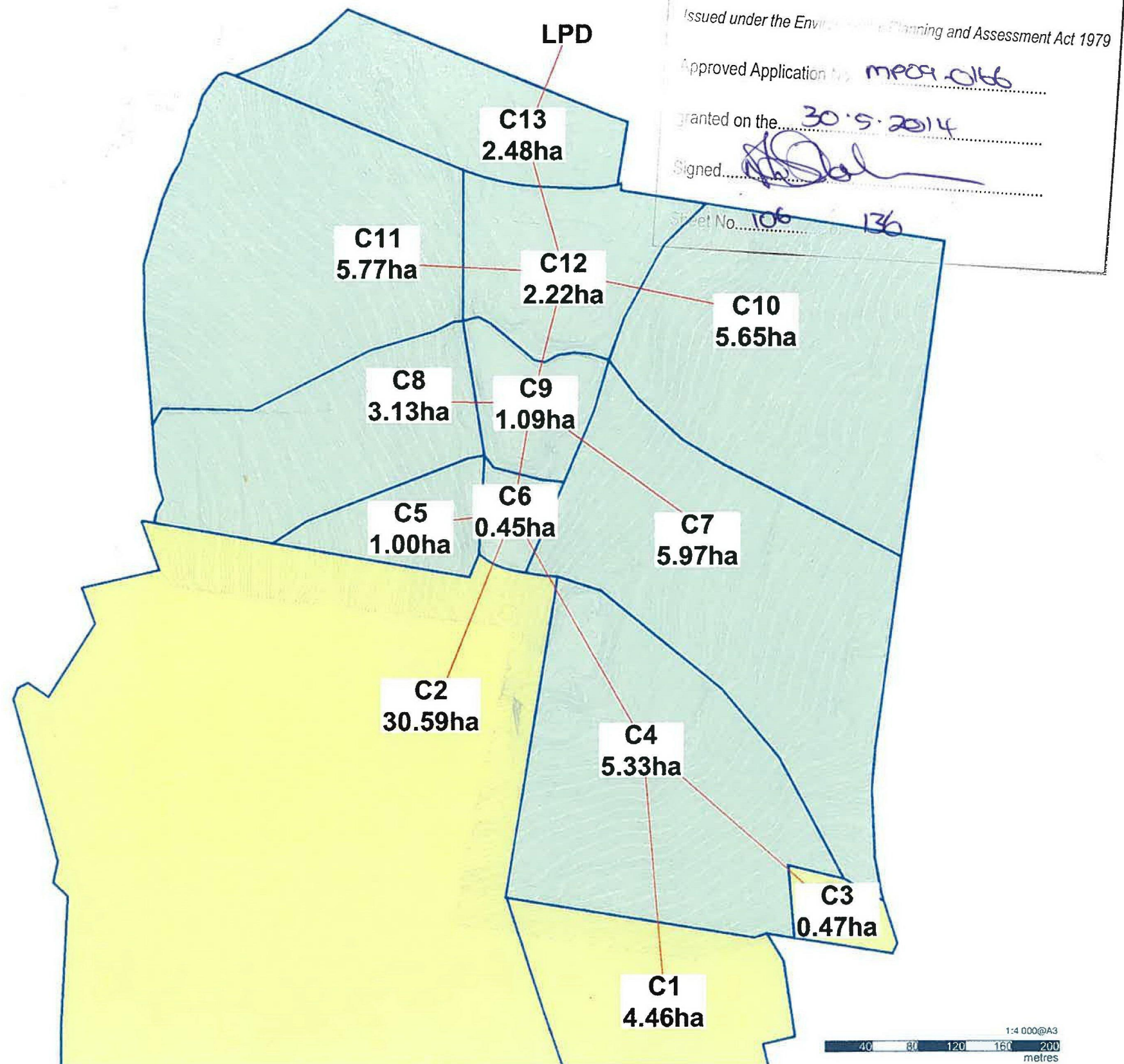
PROJECT NO
10849

DRAWING NO
204

Brisbane Sydney Melbourne and regions

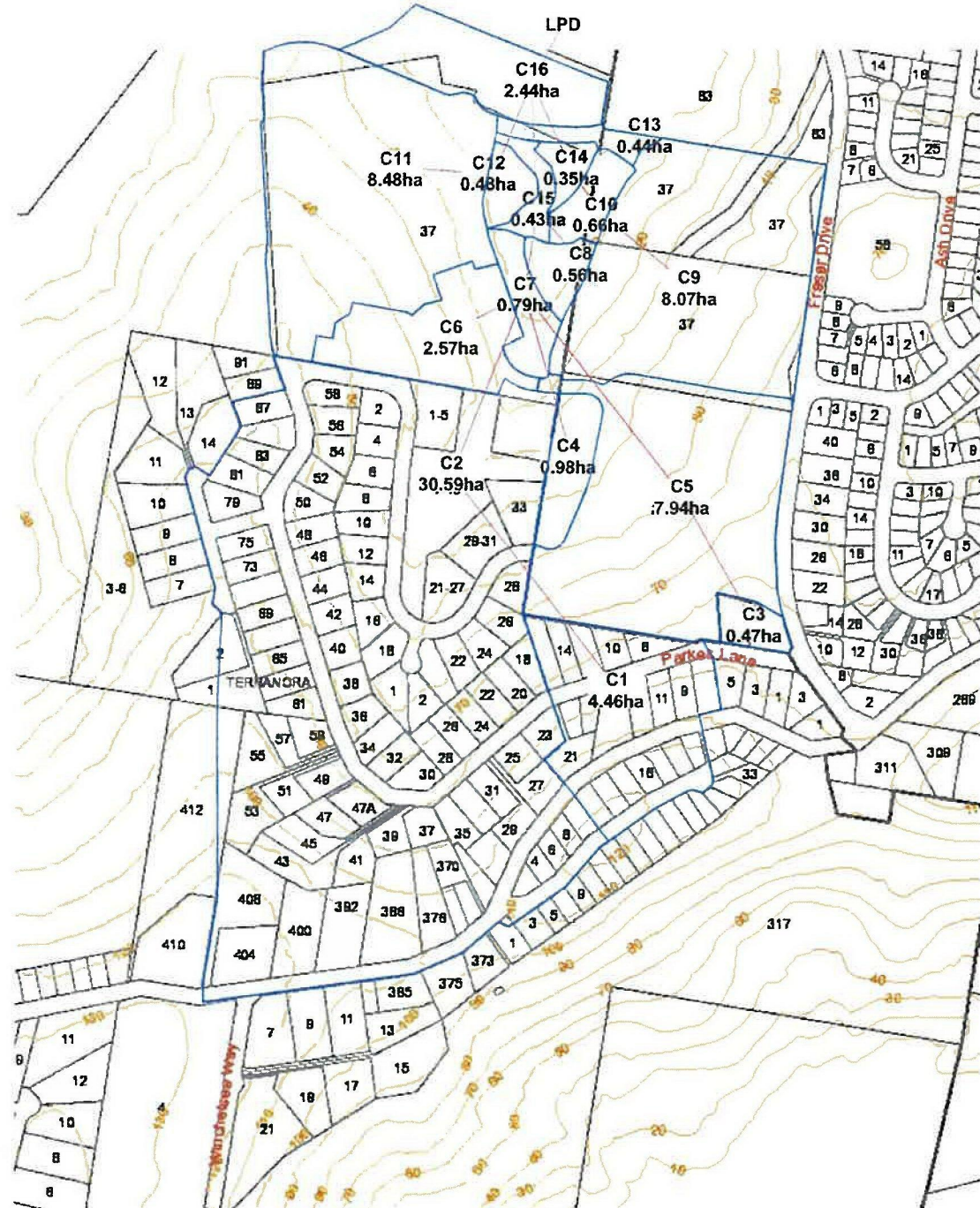
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1:4 000@A3
40 80 120 160 200
metres

NSW GOVERNMENT
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Approved Application No. MP04 0166
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Sheet No. 106 136



1:8 000@A3
100 200 300 400
metres

ORIENTATION
NORTH
SCALE
AS SHOWN
ROBINA
PO Box 4115 Robina QLD4230 07 5578 9944
Email r@luna@access.gs www.access.gs

LEGEND
Catchment boundary
2.5m contours
Landuse - urban lots
Landuse - urban roads

Landuse - other urban
Landuse - open space, parks & drainage easement
Landuse - existing external residential development

SOURCES
Image base: Tweed Shire Council - PDOnline database
Base plan: BradLees Consulting
Received: 20/02/2013
Earthworks contours: BradLees Consulting
Received: 22/22/2013

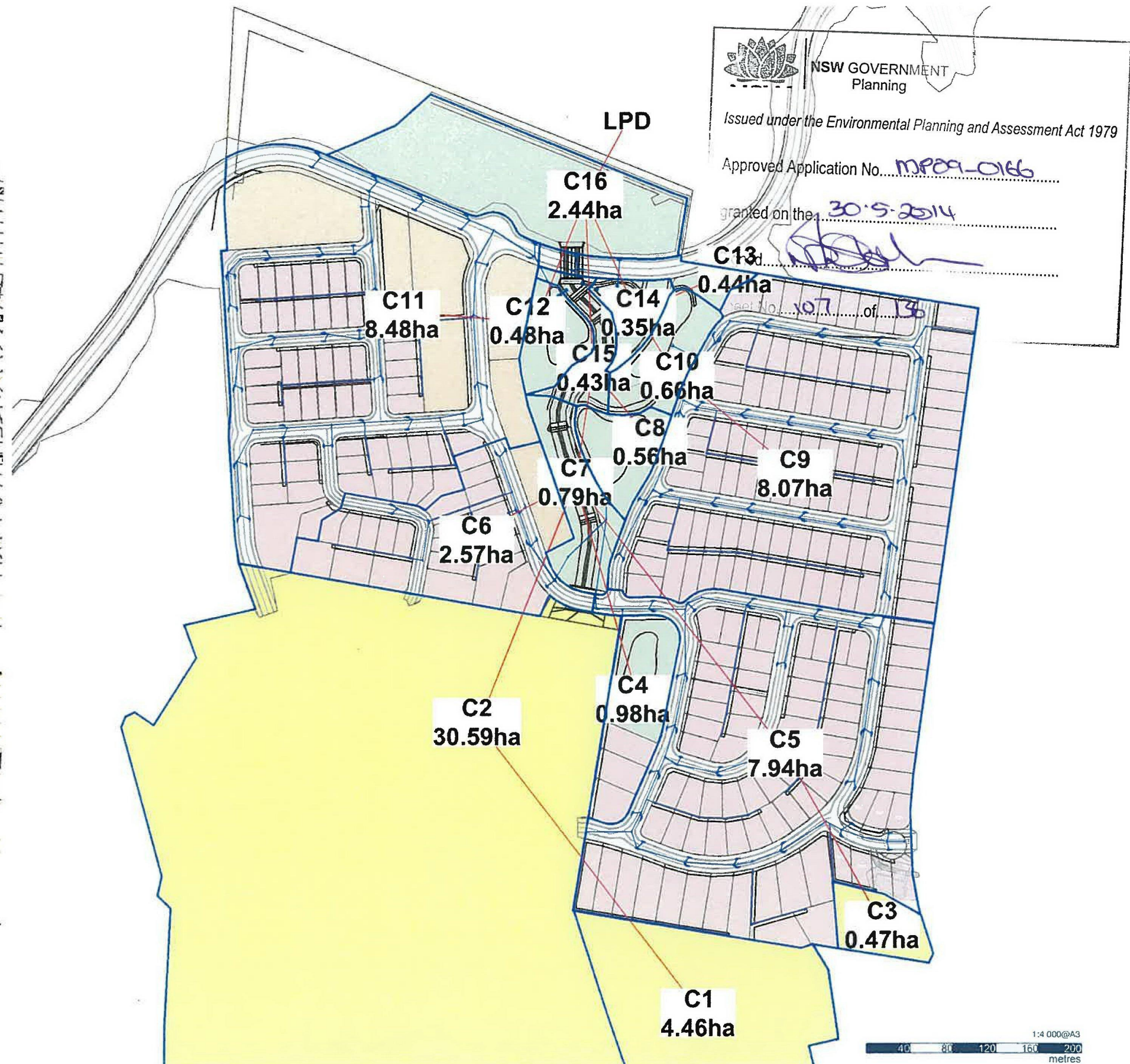
PROJECT
ALTITUDE ASPIRE
FRASER DRIVE
TERRANORA
NEW SOUTH WALES

CLIENT
NEWLAND
DEVELOPERS
PTY LTD

DRAWING
DEVELOPED CASE
CATCHMENTS,
LANDUSE & WBNM
MODEL LAYOUT

SCALE AS SHOWN DATE 19 04 2013 DRAWN AJF CHECKED CMA PROJECT NO 10849 DRAWING NO 205

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NSW GOVERNMENT
Planning
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Approved Application No. MP09-0166
granted on the 30.5.2014
set No. 107 of 13

1:4 000@A3
40 80 120 160 200
metres



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Planning

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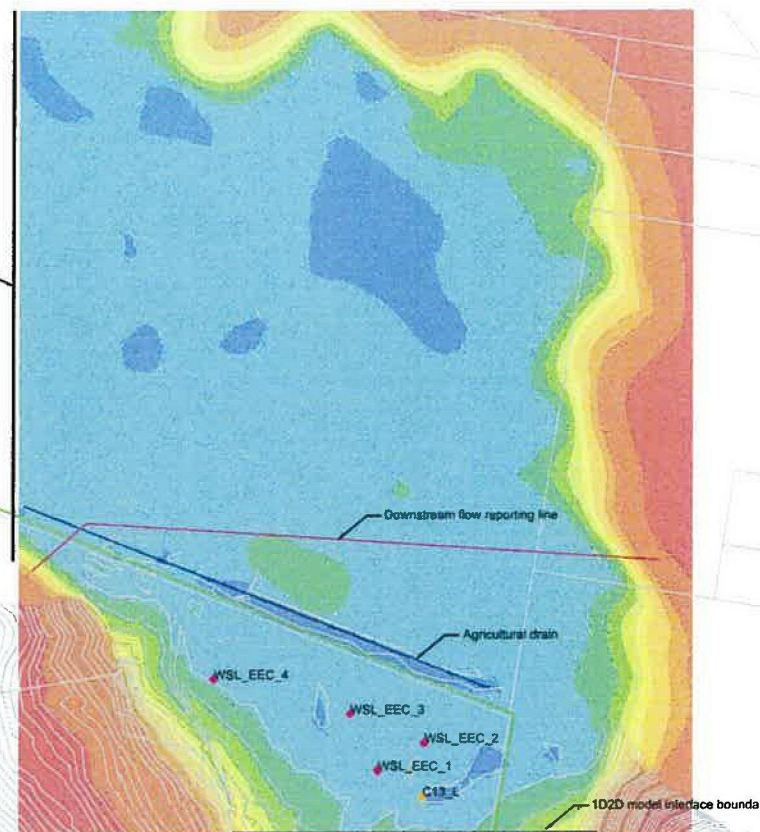
Approved Application No. M909016

granted on the 30.5.2014

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Sheet No. 108 of 136

Downstream model boundary



Surface Elevation		
Color	Minimum Elevation (m)	Maximum Elevation (m)
		<0.500
	0.500	1.000
	1.000	1.500
	1.500	2.000
	2.000	2.500
	2.500	3.000
	3.000	4.000
	4.000	5.000
	5.000	10.000
	>10.000	

ORIENTATION
NORTH

SCALE
40 80 120 160 200
metres

ROBINA
PO Box 4115 Robina QLD4230
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07 5578 9944
www.access.gs

LEGEND

- Site boundary
- 2.5m contours
- 0.5m contours
- Channel centreline
- Cross sections
- Inflow location
- 2D Reporting point

SOURCES

n/a

PROJECT

ALTITUDE ASPIRE
FRASER DRIVE
TERRANORA
NEW SOUTH WALES

CLIENT

NEWLAND
DEVELOPERS
PTY LTD

DRAWING

BASE CASE
SOBEK MODEL
LAYOUT

SCALE
1:4 000@A3

DATE
22/04/2013

DRAWN
AJF

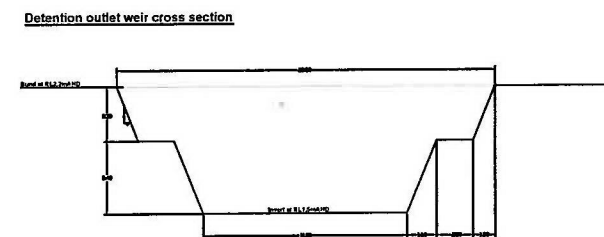
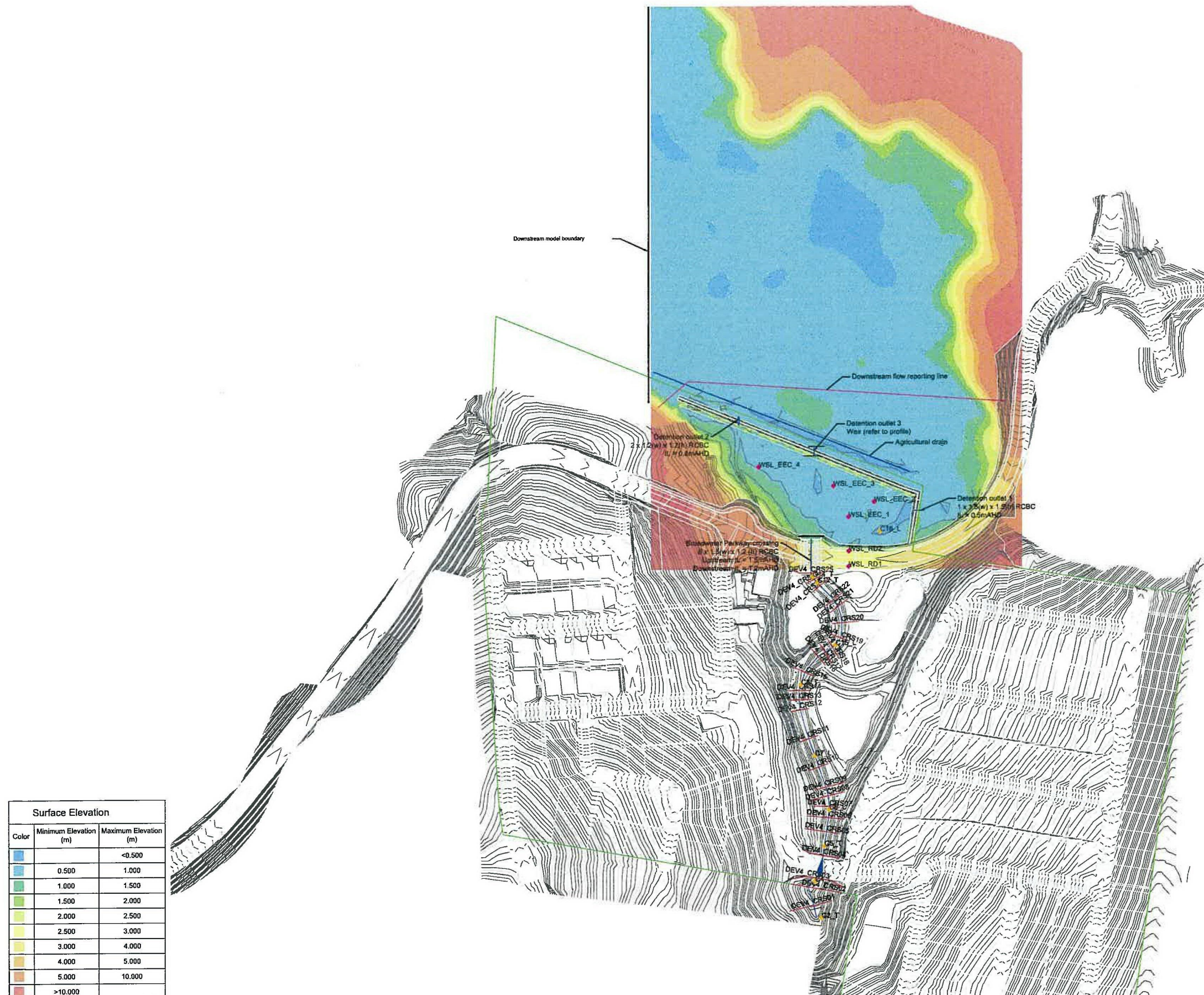
CHECKED
CMA

PROJECT NO
10849

DRAWING NO
206

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Surface Elevation		
Color	Minimum Elevation (m)	Maximum Elevation (m)
Blue	<0.500	0.500
Light Blue	0.500	1.000
Green	1.000	1.500
Light Green	1.500	2.000
Yellow	2.000	2.500
Light Yellow	2.500	3.000
Orange	3.000	4.000
Light Orange	4.000	5.000
Red	5.000	10.000
Dark Red	>10.000	

ORIENTATION
NORTH

SCALE
40 80 120 160 200
metres

ROBINA

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LEGEND

Site boundary

0.5m contours

2.5m contours

Channel centreline

Cross sections

Inflow location

2D Reporting point

SOURCES

Base plan: BradLees Consulting
Received: 20/02/2013

Earthworks contours: BradLees Consulting
Received: 22/22/2013

Background DCDB: supplied by B&P surveys
Received: 17/04/2013

PROJECT

ALTITUDE ASPIRE
FRASER DRIVE
TERRANORA
NEW SOUTH WALES

CLIENT

NEWLAND
DEVELOPERS
PTY LTD

DRAWING

DEVELOPED CASE
SOBEK MODEL
LAYOUT

SCALE 1:4 000@A3 DATE 23/04/2013 DRAWN AJF CHECKED CMA PROJECT NO 10849 DRAWING NO 207

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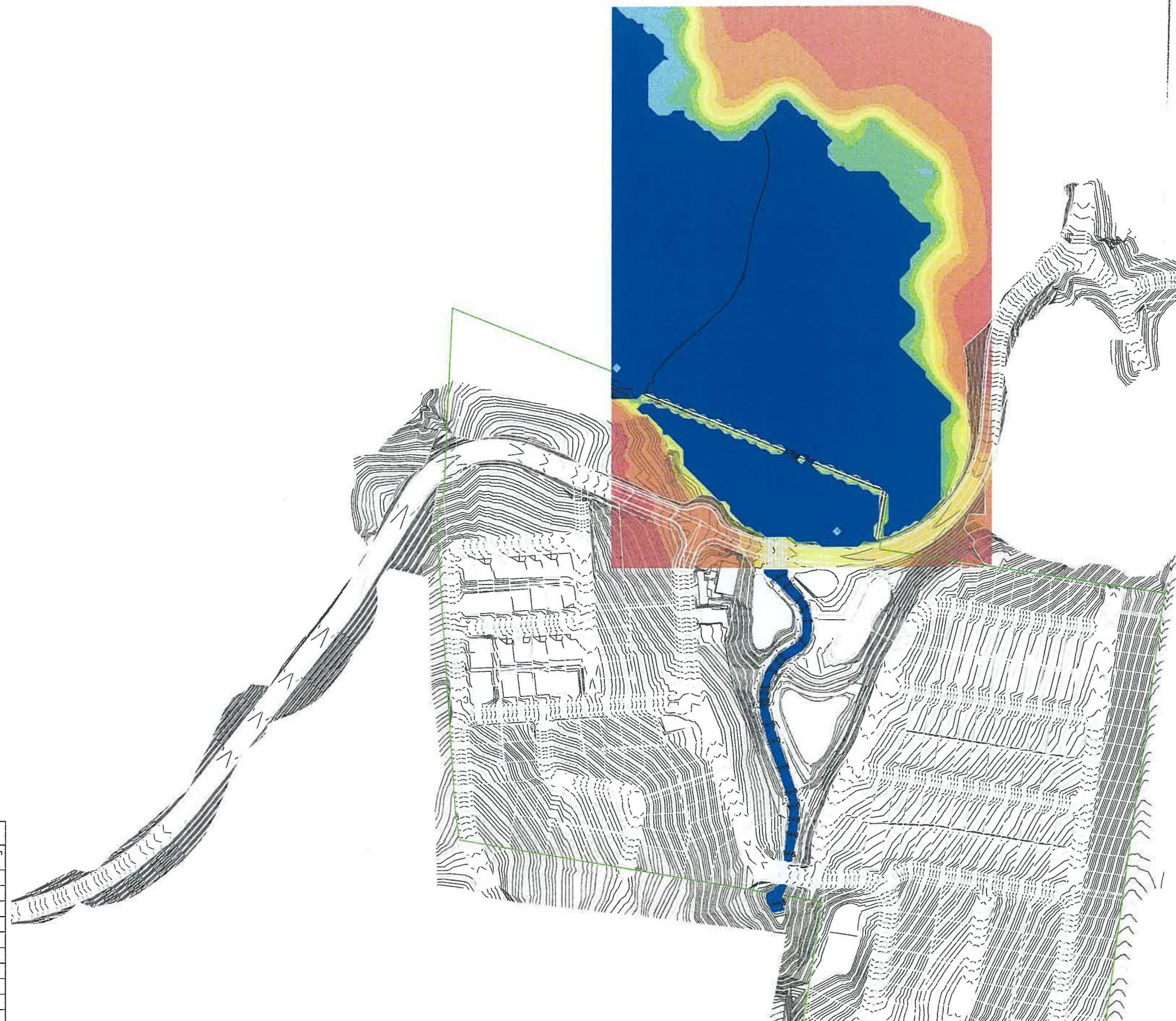
Approved Application No. MP09/0166

granted on the 30.5.2014

Signed [Signature]

Sheet No. 110 of 136

Surface Elevation		
Color	Minimum Elevation (m)	Maximum Elevation (m)
		<0.500
	0.500	1.000
	1.000	1.500
	1.500	2.000
	2.000	2.500
	2.500	3.000
	3.000	4.000
	4.000	5.000
	5.000	10.000
	>10.000	



ORIENTATION
NORTH
SCALE
40 80 120 160 200
metres
ROBINA
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LEGEND
Site boundary
0.5m contours
2.5m contours
Channel centreline
Cross sections
2.5 Flood level contours
100 year ARI flood inundation extent

SOURCES
Base plan: BradLees Consulting
Received: 20/02/2013
Earthworks contours: BradLees Consulting
Received: 22/22/2013
Background DCDB: supplied by B&P surveys
Received: 17/04/2013

PROJECT
ALTITUDE ASPIRE
FRASER DRIVE
TERRANORA
NEW SOUTH WALES

CLIENT
NEWLAND
DEVELOPERS
PTY LTD

DRAWING
100 YEAR ARI
FLOOD INUNDATION
EXTENT

SCALE 1:4 000@A3 DATE 22/04/2013 DRAWN AJF CHECKED CMA PROJECT NO 10849 DRAWING NO 208

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