

8 Appendix 1 – G&S drawings



SCALE
1:5 000



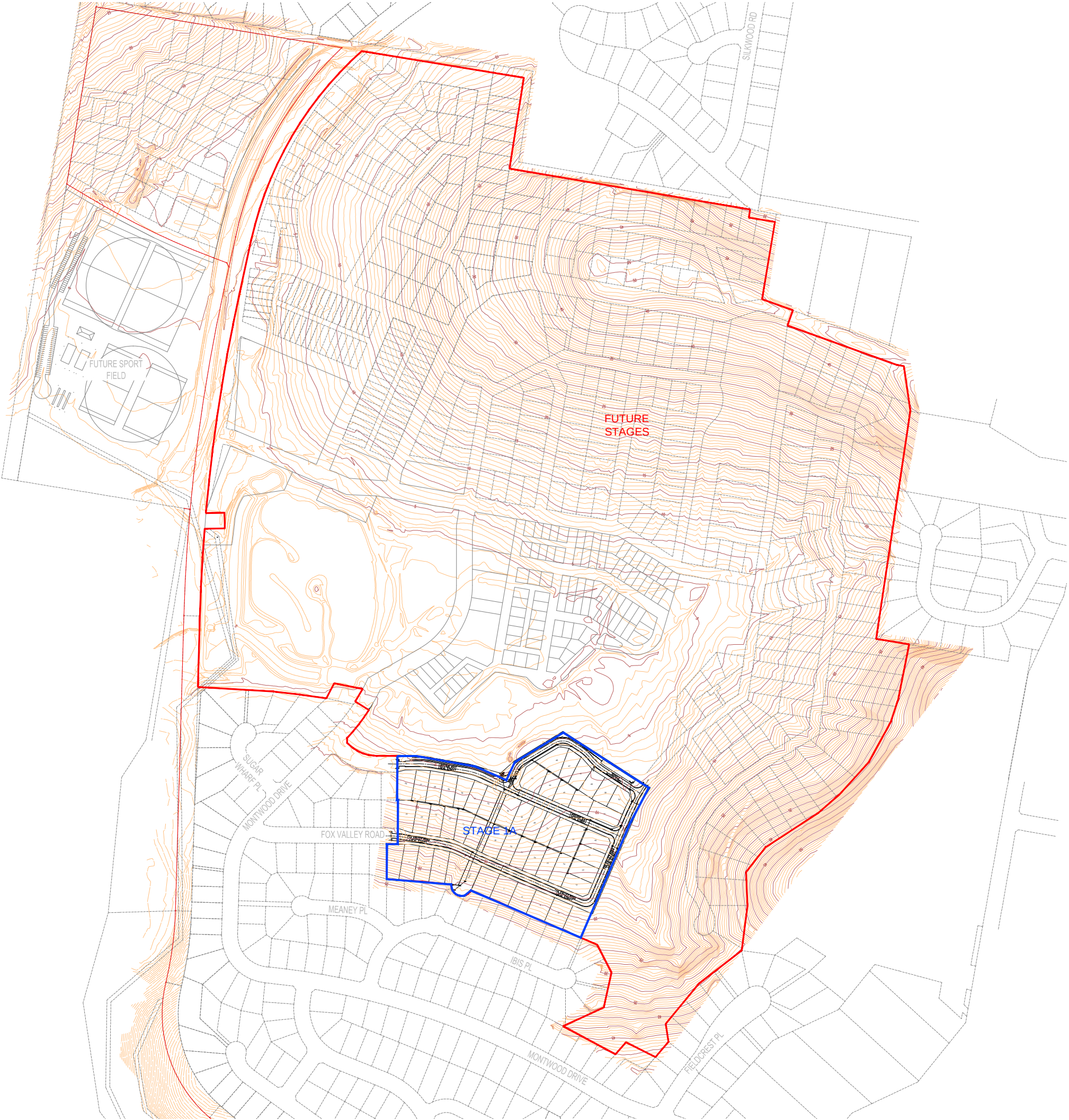
ORIENTATION
NORTH

LEGEND

- Pacific Pines Estate
Balance Boundary
- Stage 1A Boundary

SOURCES

Contours and proposed layout supplied by
Kennedy Surveying and SMEC Urban



CAIRNS

KAWANA

BRISBANE

ROBINA

5 / 232 Robina Town Centre Dr.
PO Box 4115
Robina Q4230
Phone 07 5578 9944
Fax 07 5578 9945
robina@access.gs

MELBOURNE

Gilbert and Sutherland Pty Ltd
ABN 56 077 310 840

www.access.gs

AGRICULTURE WATER ENVIRONMENT

PROJECT
PACIFIC PINES ESTATE
LENNOX HEAD, NSW

CLIENT
LEND LEASE

DRAWING
STAGE 1A LOCATION

DATE
21/09/2012

SCALE
1:5 000

PROJECT NO
10734

DRAWN
BWS

CHECKED
CMA

DRAWING NO
1.1

REVISION
B



SCALE
1:2 000



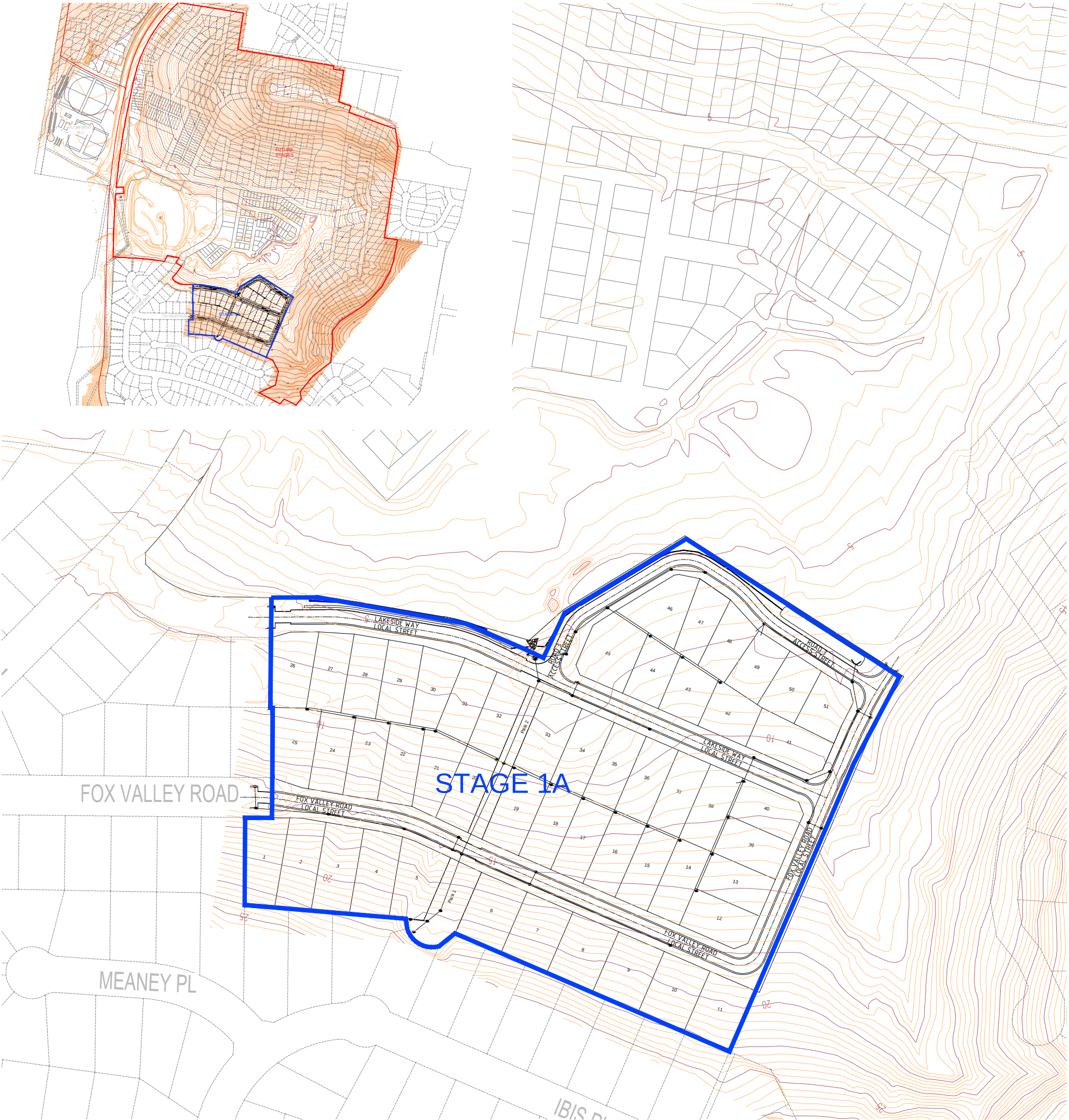
ORIENTATION
NORTH

LEGEND

- Pacific Pines Estate
Balance Boundary
- Stage 1A Boundary

SOURCES

Contours and proposed layout supplied by
Kennedy Surveying and SMEC Urban



CAIRNS
KAWANA
BRISBANE
ROBINA
5 / 232 Robina Town Centre Dr.
PO Box 4115
Robina Q4230
Phone 07 5578 9944
Fax 07 5578 9945
robina@access.gs
MELBOURNE
Gilbert and Sutherland Pty Ltd
ABN 56 077 310 840
www.access.gs
AGRICULTURE WATER ENVIRONMENT

PROJECT
PACIFIC PINES ESTATE
LENNOX HEAD, NSW
CLIENT
LEND LEASE

DRAWING
STAGE 1 PROPOSED
DEVELOPMENT LAYOUT

DATE 21/09/2012	DRAWN BWS
SCALE 1:2 000	CHECKED CMA
PROJECT NO 10734	DRAWING NO 1.2
REVISION B	



SCALE
1:5 000



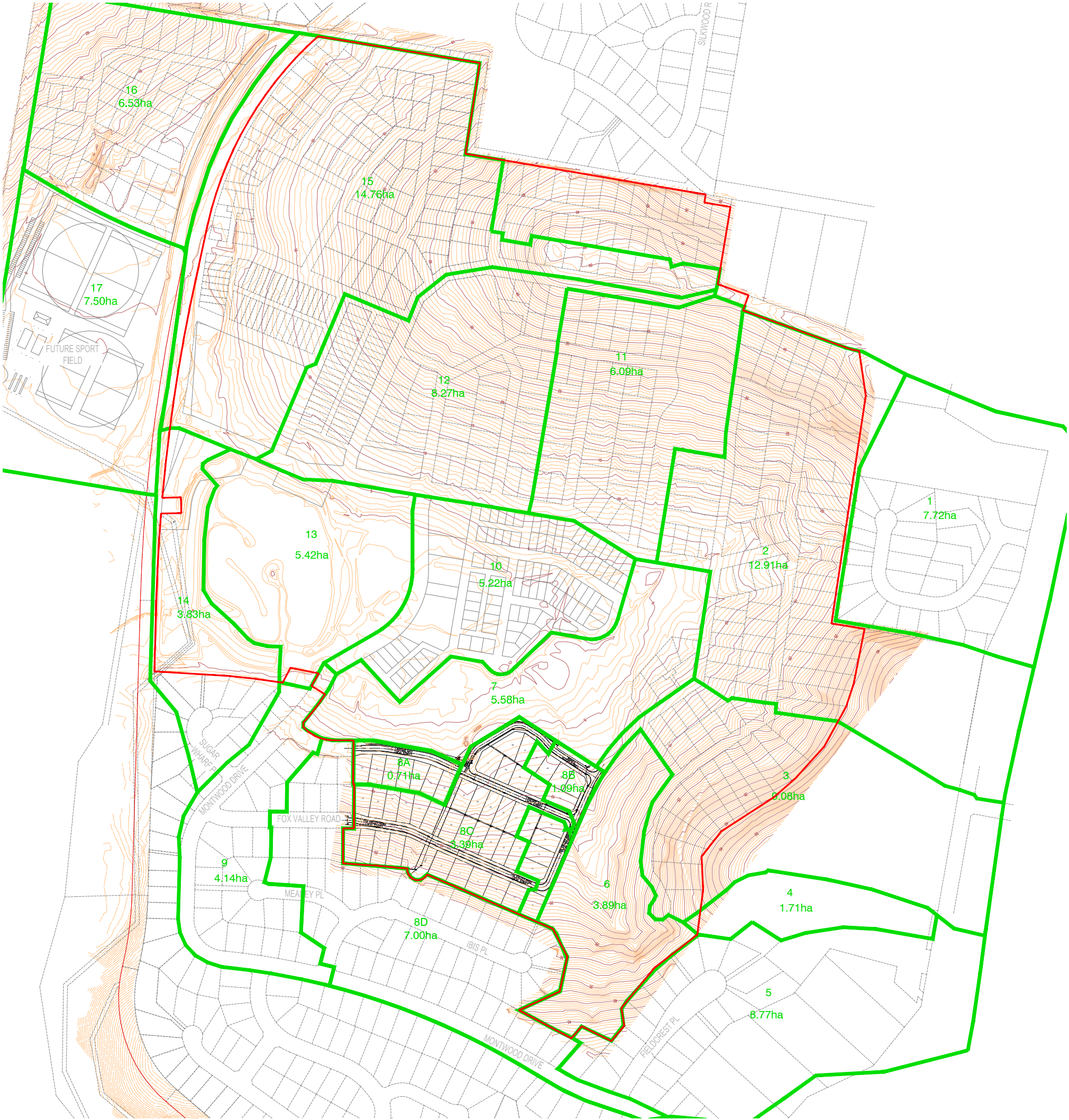
ORIENTATION
NORTH

LEGEND

- Pacific Pines Estate
Balance Boundary
- MUSIC Catchment Boundary

SOURCES

Contours and proposed layout supplied by
Kennedy Surveying and SMEC Urban



CAIRNS
KAWANA
BRISBANE
ROBINA
5 / 232 Robina Town Centre Dr.
PO Box 4115
Robina Q4230
Phone 07 5578 9944
Fax 07 5578 9945
robina@access.gs
MELBOURNE
Gilbert and Sutherland Pty Ltd
ABN 56 077 310 840
www.access.gs
AGRICULTURE WATER ENVIRONMENT

PROJECT
PACIFIC PINES ESTATE
LENNOX HEAD, NSW

CLIENT
LEND LEASE

DRAWING
MUSIC MODEL
CATCHMENT PLAN

DATE 24/09/2012	DRAWN BWS
SCALE 1:5 000	CHECKED CMA
PROJECT NO 10734	DRAWING NO 1.3
REVISION B	



SCALE
1:5 000



ORIENTATION
NORTH

LEGEND

- Pacific Pines Estate
Balance Boundary
- WQCP Device
- Bioretention Device
- Infiltration Device
- WBNM Developed case
catchment boundary
- GPT

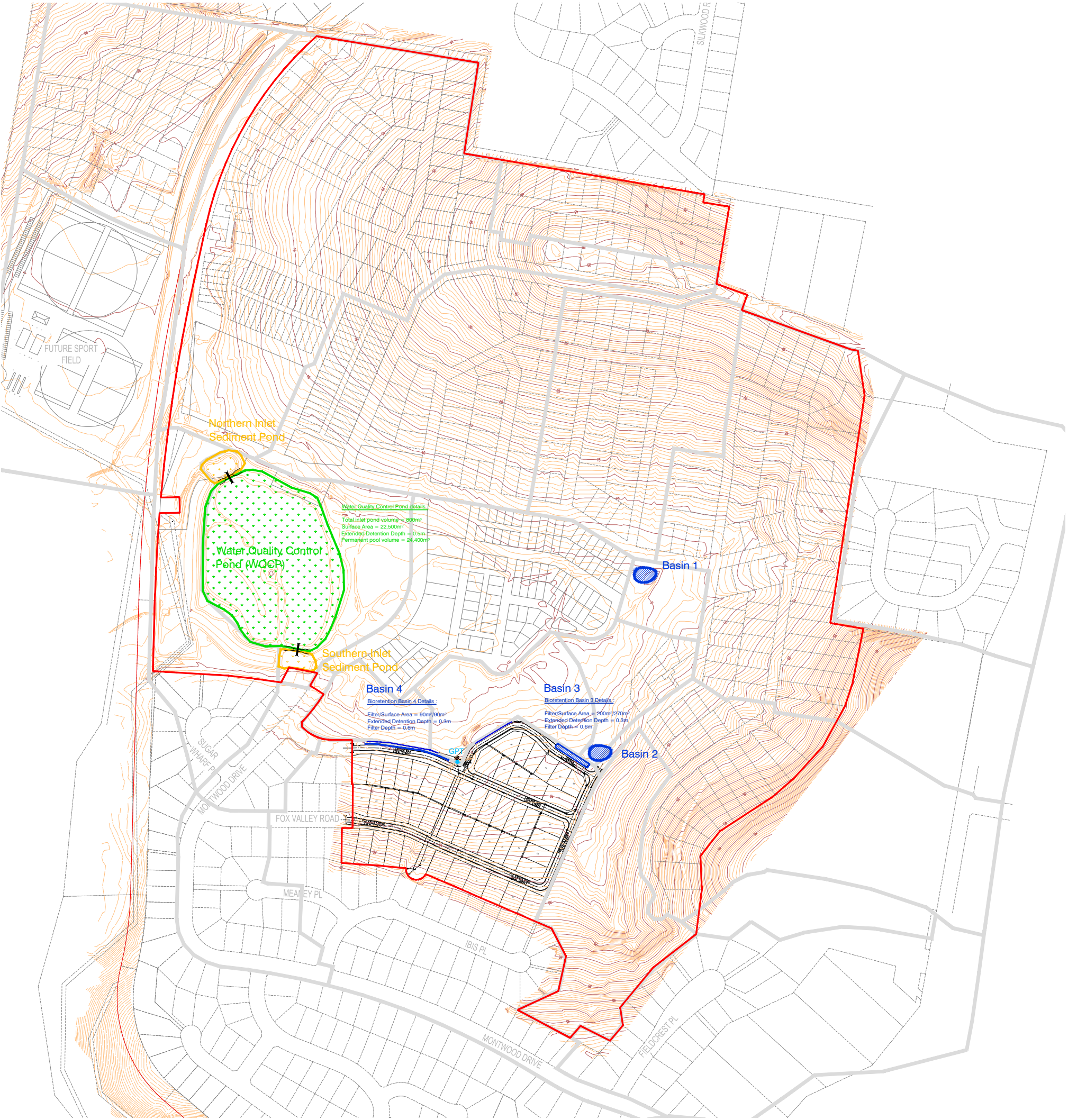
SOURCES

Contours and proposed layout supplied by
Kennedy Surveying and SMEC Urban

CAIRNS
KAWANA
BRISBANE
ROBINA
5 / 232 Robina Town Centre Dr.
PO Box 4115
Robina Q4230
Phone 07 5578 9944
Fax 07 5578 9945
robina@access.gs
MELBOURNE
Gilbert and Sutherland Pty Ltd
ABN 56 077 310 840

www.access.gs

AGRICULTURE WATER ENVIRONMENT



PROJECT
PACIFIC PINES ESTATE
LENNOX HEAD, NSW

CLIENT
LEND LEASE

DRAWING
STORMWATER MANAGEMENT
MEASURES LAYOUT

DATE
24/09/2012

SCALE
1:5 000

PROJECT NO
10734

DRAWN
BWS

CHECKED
CMA

REVISION
B



SCALE
1:5 000

ORIENTATION
NORTH

LEGEND

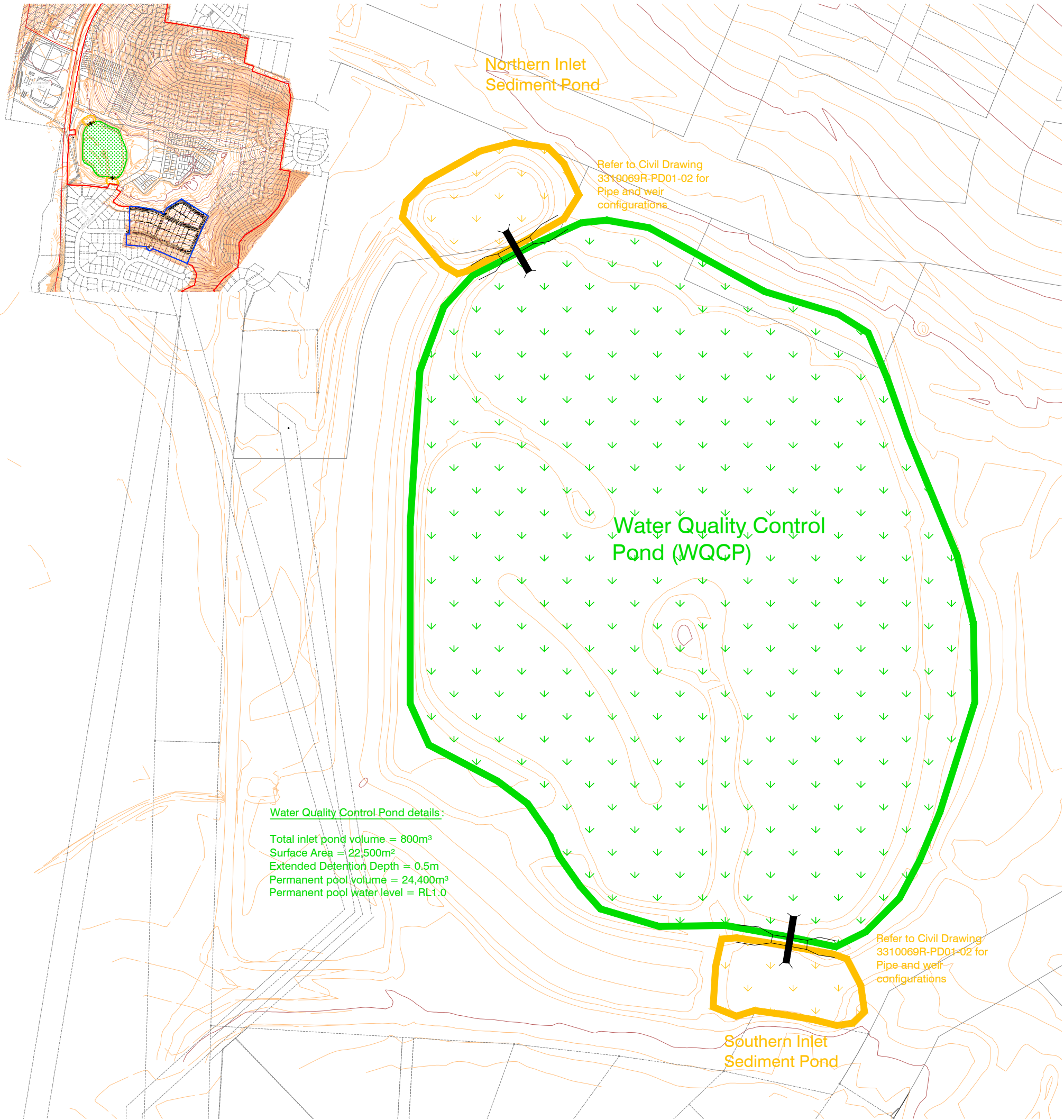
- Pacific Pines Estate balance boundary
- Stage 1A boundary
- WQCP devices

SOURCES

Contours and proposed layout supplied by Kennedy Surveying and SMEC Urban



CAIRNS
KAWANA
BRISBANE
ROBINA
5 / 232 Robina Town Centre Dr.
PO Box 4115
Robina Q4230
Phone 07 5578 9944
Fax 07 5578 9945
robina@access.gs
MELBOURNE
Gilbert and Sutherland Pty Ltd
ABN 56 077 310 840
www.access.gs
AGRICULTURE WATER ENVIRONMENT



PROJECT
PACIFIC PINES ESTATE
LENNOX HEAD, NSW

CLIENT
LEND LEASE

DRAWING
WATER QUALITY CONTROL
POND (WQCP) DESIGN

DATE 24/09/2012	DRAWN BWS
SCALE 1:5 000	CHECKED CMA
PROJECT NO 10734	REVISION B