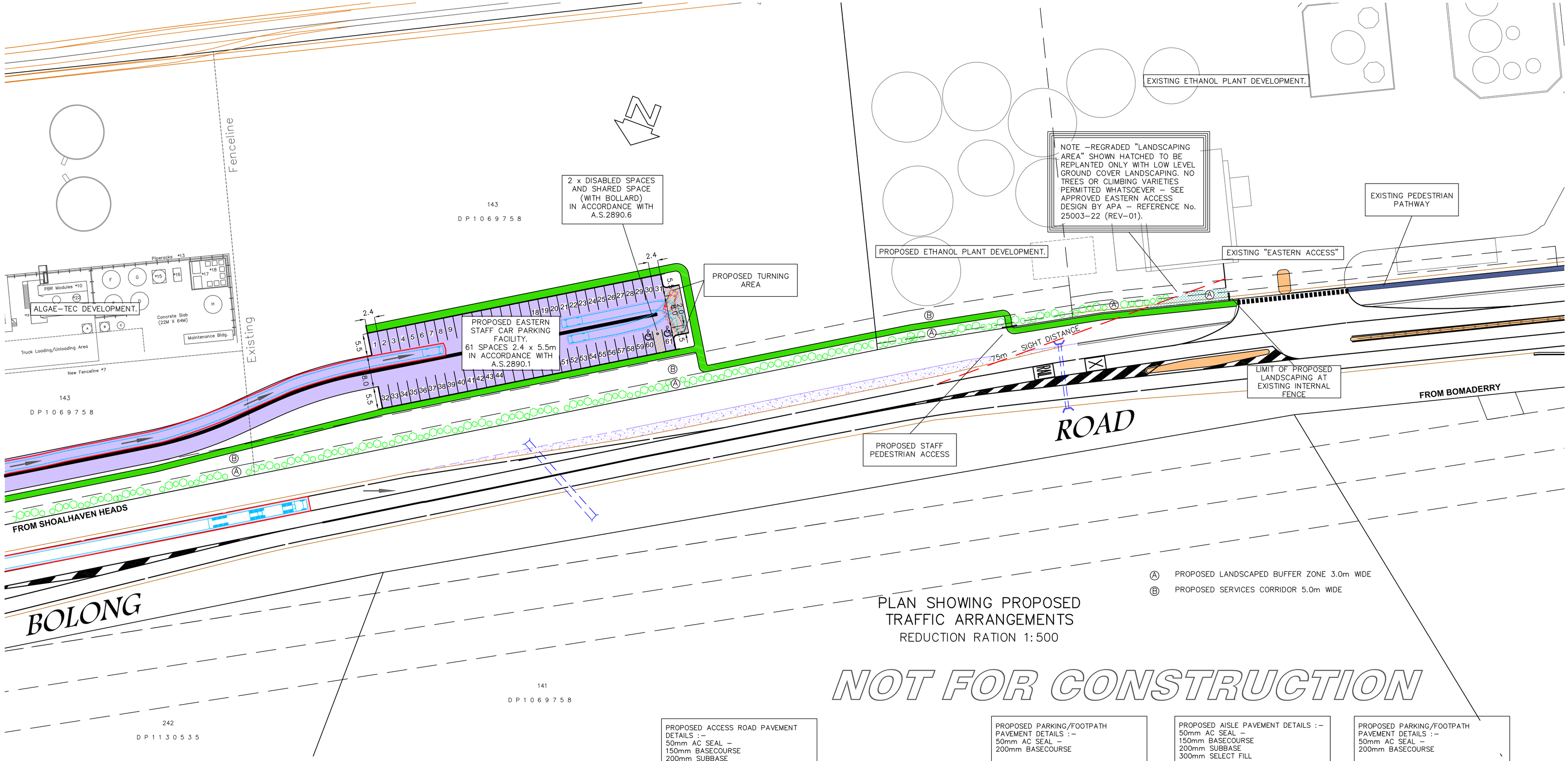
SEE SHEET ONE



PLAN SHOWING PROPOSED TRAFFIC ARRANGEMENTS

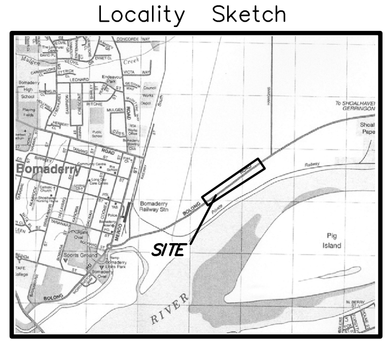
REDUCTION RATION 1:500

NOT FOR CONSTRUCTION

LEGEND

- PROPOSED NEW TRAFFICABLE AREAS
- PROPOSED NEW RAISED MEDIAN AREAS
- EXISTING RAISED MEDIAN AREAS
- EXISTING INTERSECTION MARKING
- PROPOSED PEDESTRIAN FACILITIES
- PROPOSED VEHICLE MOVEMENTS
- PROPOSED NEW LINEMARKING

Locality Sketch



Map drawn and published by Cartodraft Aust P/L

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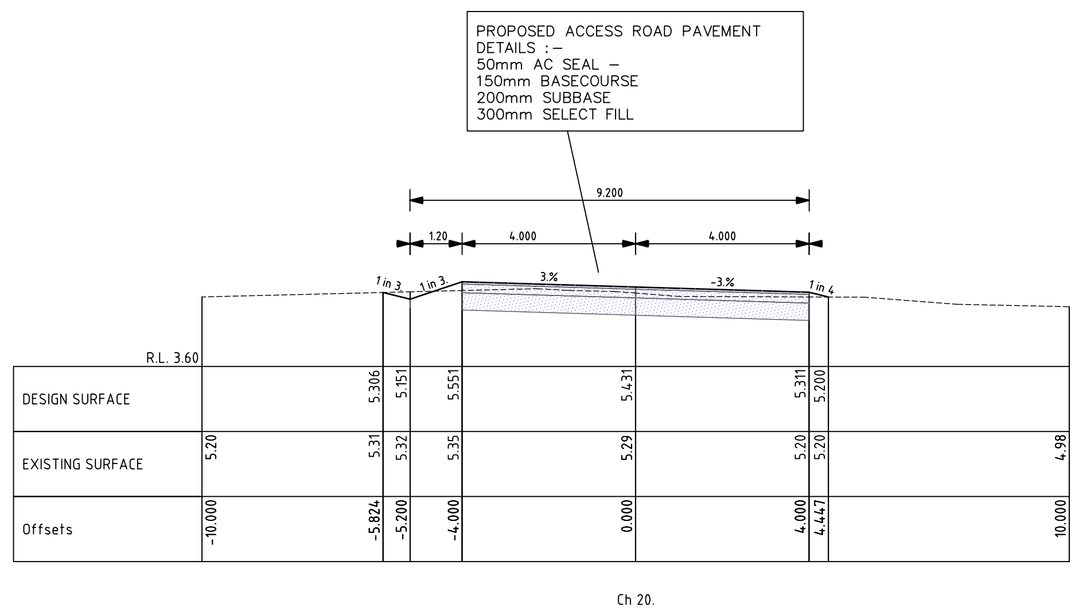
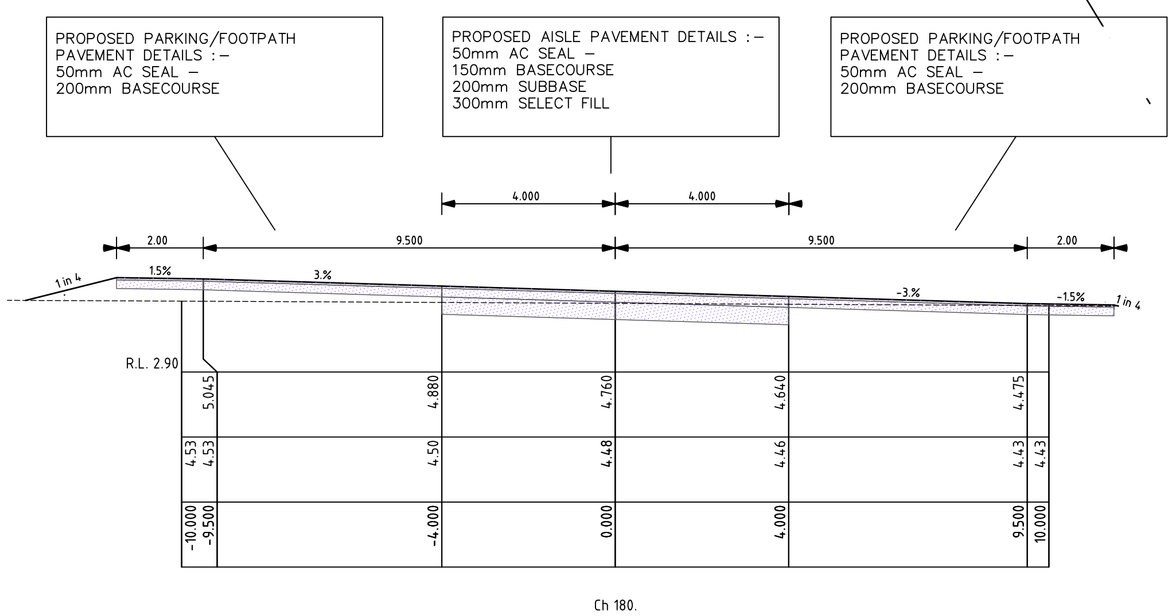
scale: – 1:500



TYPICAL SECTION PROPOSED ACCESS WAY
CH12.34 – CH 169.05



TYPICAL SECTION PROPOSED CAR PARK
CH 169.05 – CH 241.06

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COVER OF EXCELLENCE®

RATIO:	DATUM:	SURVEY	APA	REVISION		BY	DATE
1:500 (AT A1 SIZE)	AUSTRALIAN HEIGHT DATUM	DESIGN	AJM	00	FOR CLIENT COMMENT	AJM	13/04/2012
	ORIGIN: PM 32610 RL 3.245	DRAWN	AJM	01	CADASTRAL DESCRIPTION AMENDED	AJM	11/07/2012
		CHECK'D	MJP	02	GRAIN HANDLING FACILITIES REMOVED, DISABLED PARKING ADDED.	MJP	16/08/2012
	DATE OF PLAN: APRIL 2012			03	CROSS SECTIONS ADDED	MJP	22/08/2012

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PLAN SHOWING PROPOSED TRAFFIC ARRANGEMENTS FOR "ACF" DRIVEWAY & CARPARK UPGRADE AT BOLONG ROAD BOLONG FOR MANILDRA GROUP LIMITED

REF. No. 25003–106A

SHEET 2 OF 2 SHEETS

REVISION 03

SHOALHAVEN RIVER

EXISTING TRUCK MOVEMENTS

EXISTING OLD DAIRY FARMERS COMPLEX

EXISTING OLD DAIRY FARMERS COMPLEX.

EXISTING STAFF CAR PARK

FROM SHOALHAVEN HEADS

BOLONG ROAD

FROM BOMADERRY

ALGAE-TEC DEVELOPMENT.

Construction Area *6

Initial Access Road *5

Power & Waterlines (Underground) *20

Man Gate

Control Lab

PSR Modules *10

Truck Loading/Unloading Area

New Fenceline *7

Concrete Slab (22M X 64M)

Maintenance Bldg.

Pipearocks *13

Existing Fenceline

143 DP1069758

141 DP1069758

242 DP1130535

PROPOSED INTERSECTION UPGRADE – SEE DWG 25003-107

2 x DISABLED SPACES AND SHARED SPACE (WITH BOLLARD) IN ACCORDANCE WITH A.S.2890.6

PROPOSED TURNING AREA

PROPOSED EASTERN STAFF CAR PARKING FACILITY. 61 SPACES 2.4 x 5.5m IN ACCORDANCE WITH A.S.2890.1

PROPOSED STAFF PEDESTRIAN ACCESS

SEE SHEET TWO

LEGEND

- PROPOSED NEW TRAFFICABLE AREAS
- PROPOSED NEW RAISED MEDIAN AREAS
- EXISTING RAISED MEDIAN AREAS
- EXISTING INTERSECTION MARKING
- PROPOSED PEDESTRIAN FACILITIES
- PROPOSED VEHICLE MOVEMENTS
- PROPOSED NEW LINEMARKING

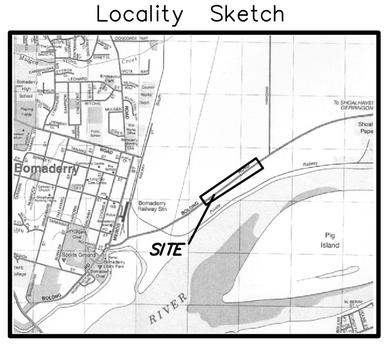
0 5 10 15 20 25 50

scale:– 1:500

PLAN SHOWING PROPOSED TRAFFIC ARRANGEMENTS

REDUCTION RATION 1:500

Locality Sketch



Map drawn and published by Cartodraft Aust P/L

Ⓐ PROPOSED LANDSCAPED BUFFER ZONE 3.0m WIDE

Ⓑ PROPOSED SERVICES CORRIDOR 5.0m WIDE

NOT FOR CONSTRUCTION

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COVER OF EXCELLENCE

RATIO:	DATUM:			REVISION		BY	DATE
1:500 (AT A1 SIZE)	AUSTRALIAN HEIGHT DATUM ORIGIN: PM 32610 RL 3.245	SURVEY	APA	00	FOR CLIENT COMMENT	AJM	13/04/2012
		DESIGN	AJM	01	CADASTRAL DESCRIPTION AMENDED	AJM	11/07/2012
		DRAWN	AJM	02	GRAIN HANDLING FACILITIES REMOVED, DISABLED PARKING ADDED.	MJP	16/08/2012
		CHECK'D	MJP				
	DATE OF PLAN: APRIL 2012						

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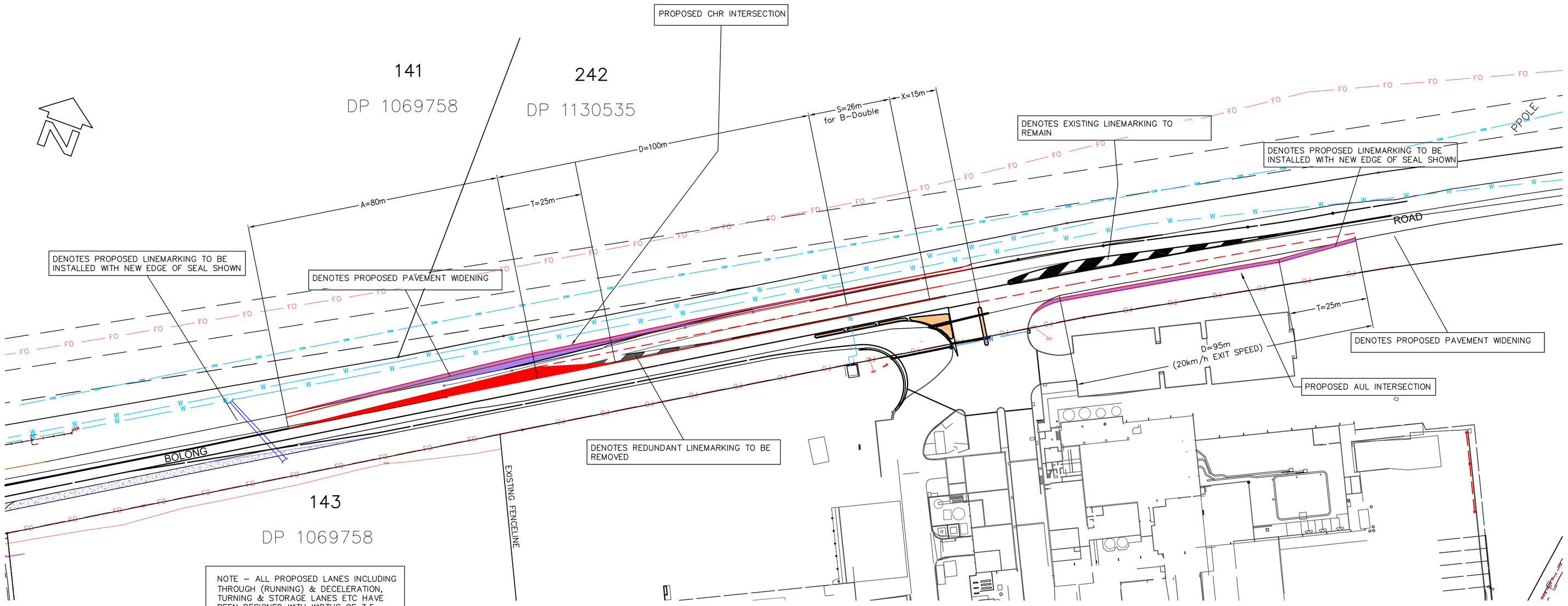
consultants@allenprice.com.au www.allenprice.com.au

PLAN SHOWING PROPOSED TRAFFIC ARRANGEMENTS FOR "ACF" DRIVEWAY & CARPARK UPGRADE AT BOLONG ROAD BOLONG FOR MANILDRA GROUP LIMITED

REF. No. 25003-106

SHEET 1 OF 2 SHEETS

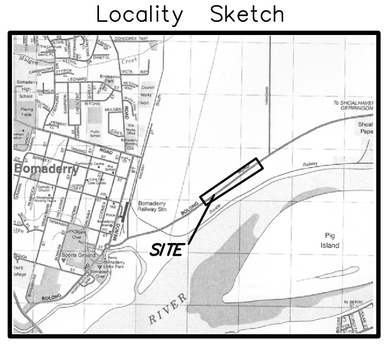
REVISION 02



NOTE – ALL PROPOSED LANES INCLUDING THROUGH (RUNNING) & DECELERATION, TURNING & STORAGE LANES ETC HAVE BEEN DESIGNED WITH WIDTHS OF 3.5m

NOTE 1: DESIGN SPEED IS 80km/h
2: AUL EXIT SPEED IS 20 km/h WITH 20m TURN RADIUS

Locality Sketch



Map drawn and published by Cartodraft Aust P/L

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COVER OF EXCELLENCE®

RATIO:	DATUM:	SURVEY	PWR	REVISION		BY	DATE
1 : 750 (AT A1 SIZE)	AUSTRALIAN HEIGHT DATUM	DESIGN	AJM	00	FOR CLIENT CONSIDERATION	AJM	03.04.2012
	ORIGIN: PM 32610 RL 3.245	DRAWN	AJM	01	INTERSECTION DESIGN REDUCED FOR 80km/h SPEED	MJP	17.08.2012
		CHECK'D	MJP				
	DATE OF PLAN: APRIL 2012						

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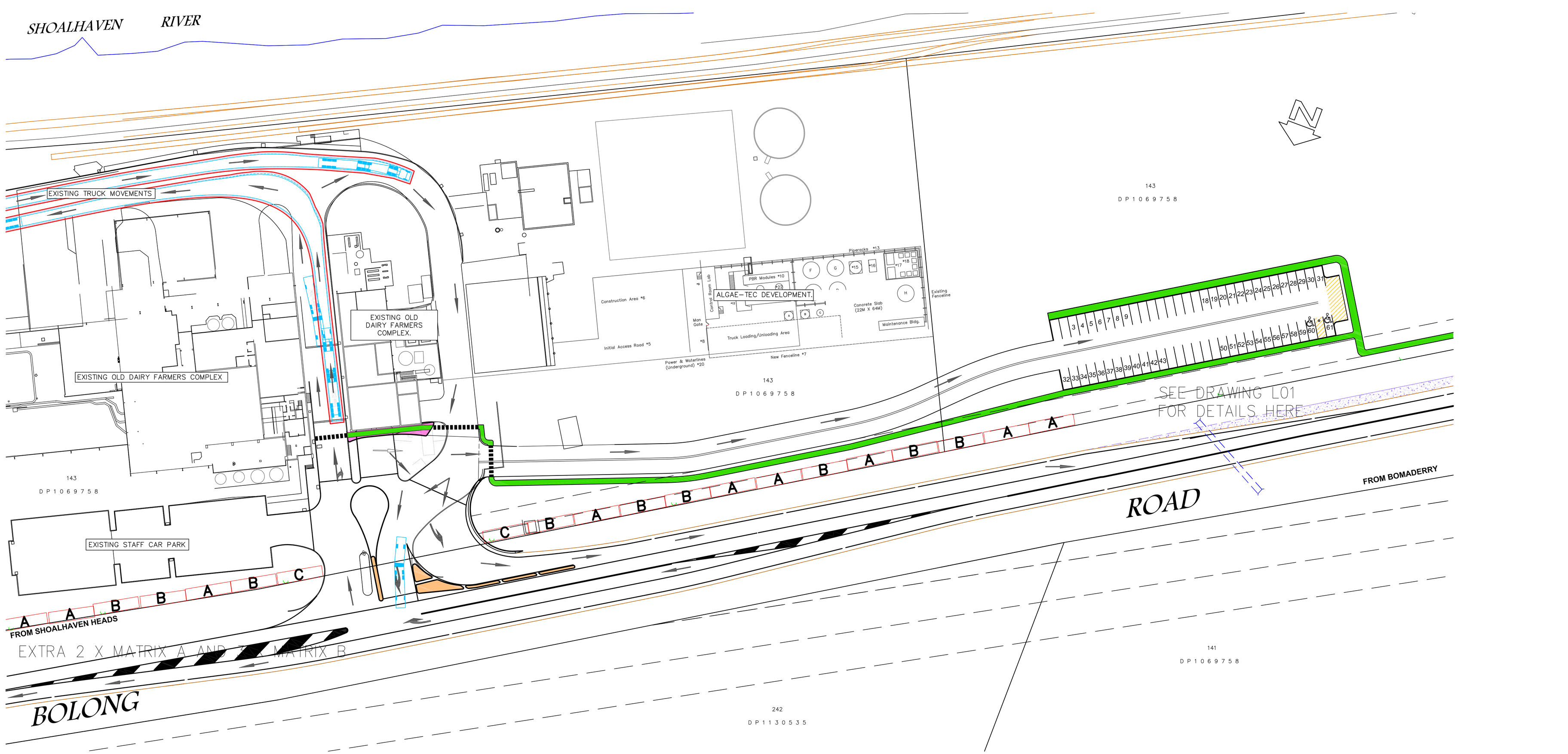
consultants@allenprice.com.au www.allenprice.com.au

PLAN SHOWING OVERALL PLAN FOR POSSIBLE CHR INTERSECTION AT OLD DAIRY FARMERS SITE BOLONG ROAD, BOMADERRY
FOR MANILDRA PTY LTD

REF. No. 25003–107

SHEET 1 OF 1 SHEETS

REVISION 01



LANDSCAPE PLAN

0 5 10 15 20 25 50

scale: – 1:500

PLANT SCHEDULE FOR MATRIX PLANTING

Symbol	Name	Name	Size	Pot Size	NO.
TREES					
CS	Callistemon salignus	Callistemon Pink Tips	9mx3m	200mm	47
ER	Elaeocarpus reticulatus	Blueberry Ash	8mx5m	13x75lt;45x200mm	58
HF	Hymenosporum flavum	Native frangipani	15mx8m	45lt	24
LP	Leptospermum petersonii	Lemon Scented Tea Tree	5mx4m	200mm	22
LC	Lophostemon confertus	Brushbox	15mx10m	75lt	34
WF	Waterhousia floribunda	Weeping Lilly Pilly	15mx8m	45lt	22

Symbol	Name	Common Name	Size	Pot Size	NO.
SHRUBS					
ASM	Acmena smithii Minor	Dwarf Lilly Pilly	5mx3m	75mm	45
BE	Banksia ericifolia	Coastal Banksia	5mx5m	"	46
CC	Callistemon citrinus Endeavour	Endeavour Bottlebrush	3mx3m	"	89
CG	Ceratapetalum gummiferum	NSW Christmas Bush	5mx3m	"	32
MH	Melaleuca hypericifolia	Red Flowering Paperbark	4mx2m	"	12
MT	Metrosideros Thomasii	NZ Christmas Bush	8mx4m	"	62
SA	Syzygium australae	Brush Box		"	69

Symbol	Name	Common Name	Size	Pot Size	NO.
GRASSES + GROUNDCOVERS					
DR	Dianella Breeze	Flax Lily	0.5mx0.5m	75mm	248
LL	Lomandra longifolia	Matt Rush	1mx1m	"	136
LT	Lomandra Tanika	Dwarf Mat Rush	.75mx.75m	"	230
MS	Microlena stipoides	Weeping Grass	1mx1m	"	217
PE	Poa Eskdale	BlueTussock Grass	.75mx.75m	"	194

DESIGN NOTES

Landscape contractor must show extreme care in protecting services and works by other contractors. This will include all paths and structures.

MOUNDING OF GARDEN BEDS

Landscape contractor is to allow to install extra soil to provide mounding to the planting bed to a maximum hieght of 400mm. This will provide a medium for good growth.
Existing ground is to be ripped and cultivated to a depth of 200mm minimum with gypsum to be incorporated.

CULTIVATION OF EXISTING GROUND

See specification for rates.

GARDEN EDGING

Timber edging shall be installed along the boundary fence to deter grass invading the planting beds.

ISS	DATE	ZONE	AMENDMENT	BY	CKD
B	22.08.12	ALL	Grain Storage Deleted	RP	PP
A	22.05.12	ALL	Council Submission	PP	PP

MANILDRA GROUP
100% AUSTRALIAN

TITLE: MANILDRA GROUP
LANDSCAPE SCREEN PLANTING
SITE PLAN

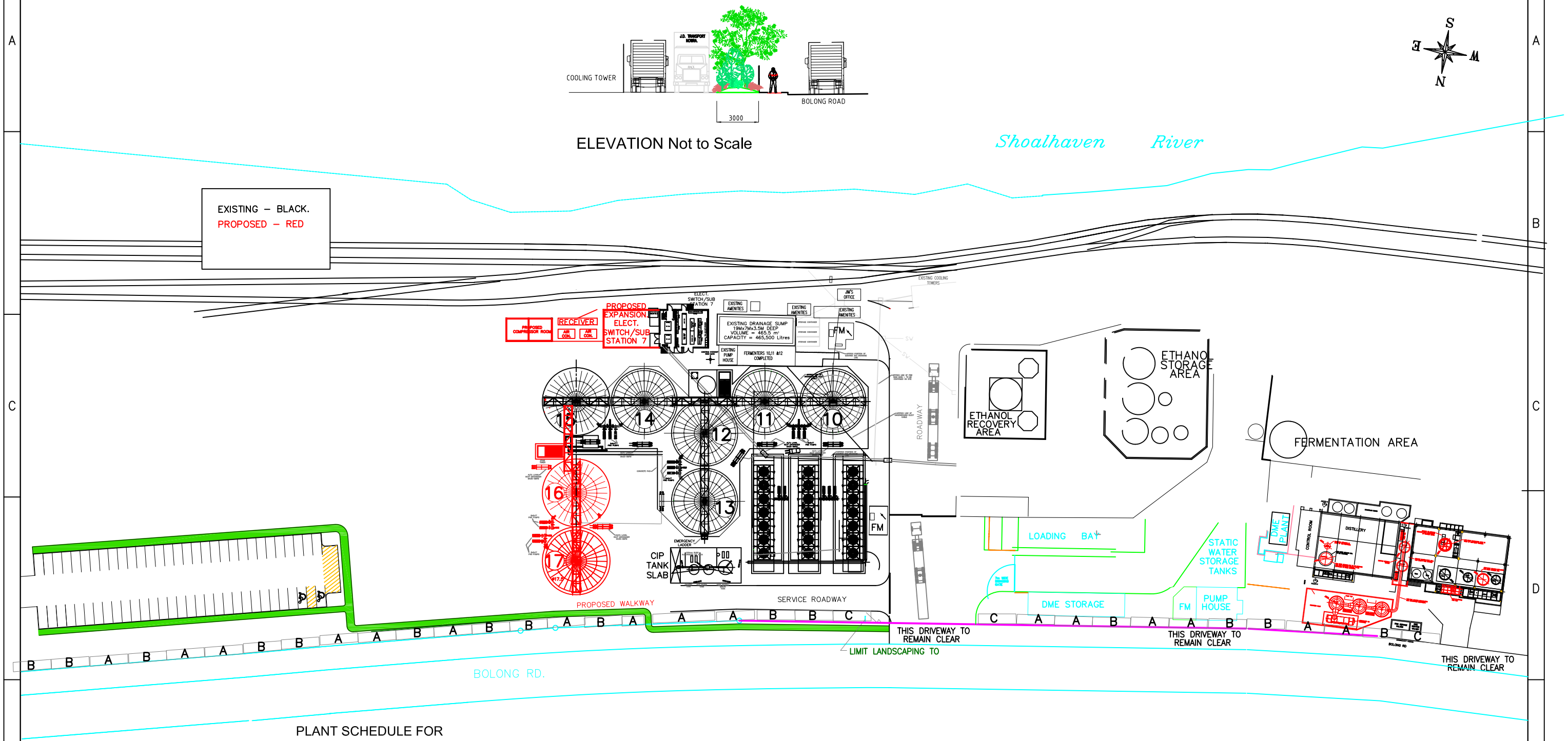
PPLA
Peter Phillips Landscape Architecture
4 BINDON CLOSE BOMADERRY 2541 FAX : 0244221310 MOB : 0410040507

PROJECT : PROPOSED MODIFICATIONS TO DAIRY FACTORY
For : MANILDRA GROUP NOWRA

LANDSCAPE PLAN

SCALE : 1:500 A1 | DWG. LO3 | Rev : B

DATE : May 2012 | DRAWN : Peter Phillips



LANDSCAPE PLAN

PLANT SCHEDULE FOR MATRIX PLANTING

Symbol	Name	Name	Size	Pot Size	NO.
TREES					
CC	Callistemon salignus	Callistemon Pink Tips	9mx3m	200mm	71
ER	Elaeocarpus reticulatus	Blueberry Ash	8mx5m18x75lt;70x200mm		88
HF	Hymenosporum flavum	Native frangipani	15mx8m	45lt	36
LP	Leptospermum petersonii	Lemon Scented Tea Tree	.5mx4m	200mm	34
LC	Lophostemon confertus	Brushbox	15mx10m	75lt	52
WF	Waterhousia floribunda	Weeping Lilly Pilly	15mx8m	45lt	34

Symbol	Name	Common Name	Size	Pot Size	NO.
SHRUBS					
ASM	Acmena smithii Minor	Dwarf Lilly Pilly	5mx3m	75mm	69
BE	Banksia ericifolia	Coastal Banksia	5mx5m	"	104
CC	Callistemon citrinus Endeavour	Endeavour Bottlebrush	3mx3m	"	116
CG	Ceratapetalum gummiferum	NSW Christmas Bush	5mx3m	"	38
MH	Melaleuca hypericifolia	Red Flowering Paperbark	4mx2m	"	18
MT	Metrosideros Thomasii	NZ Christmas Bush	8mx4m	"	90
SA	Syzygium australae	Brush Box		"	105

Symbol	Name	Common Name	Size	Pot Size	NO.
GRASSES + GROUNDCOVERS					
DR	Dianella Breeze	Flax Lily	0.5mx0.5m	75mm	411
LL	Lomandra longifolia	Matt Rush	1mx1m	"	261
LT	Lomandra Tanika	Dwarf Mat Rush	.75mx.75m	"	319
MS	Microlena stipoides	Weeping Grass	1mx1m	"	327
PE	Poa Eskdale	BlueTussock Grass	.75mx.75m	"	405

DESIGN NOTES

Landscape contractor must show extreme care in protecting services and works by other contractors. This will include all paths and structures.

MOUNDING OF GARDEN BEDS

Landscape contractor is to allow to install extra soil to provide mounding to the planting bed to a maximum hieght of 400mm. This will provide a medium for good growth.

CULTIVATION OF EXISTING GROUND

Existing ground is to be ripped and cultivated to a depth of 200mm minimum with gypsum to be incorporated.

See specification for rates.

GARDEN EDGING

Timber edging shall be installed along the boundary fence to deter grass invading the planting beds.

ISS	DATE	ZONE	CHANGE AMENDMENTS	BY	CKD
A	03–05–2012	ALL	Council Submission	PP	PP

MANILDRA GROUP
100% AUSTRALIAN

TITLE: MANILDRA GROUP.NOWRA
LANDSCAPE SCREEN.
SITE PLAN.

PPLA
Peter Phillips Landscape Architecture
4 BINDON CLOSE BOMADERRY 2541 FAX : 0244221310 MOB : 0410040507

PROJECT : PROPOSED MODIFICATIONS TO FERMENTERS
For : MANILDRA FACTORY
MANILDRA GROUP NOWRA

LANDSCAPE PLAN

SCALE : 1;1000 A3	DWG. LO1	Rev : A
DATE : April 2012	DRAWN : Peter Phillips	

RAILWAY STREET

PROPOSED PACKING PLANT

4 ADDITIONAL CARPARKING SPACES AS APPROVED ON MASTERPLAN DATED 27.10.2010

12 CARPARKING SPACES AS APPROVED FOR INTERIM PACKING PLANT DA

PARKING AREA AS APPROVED ON MASTERPLAN DATED 27.10.2010

2
DP538289

241
DP1130535

141
DP1069758

242
DP1130535

143
DP1069758

OLD DAIRY FARMERS SITE

FENCELINE

PROPOSED CARPARKING AREA AND ACCESS ROAD AS PER APPLICATION No.3 MODIFICATION

ROAD

DRAIN

U/G E

COOLING TOWERS

No.10 FERMENTER

241
DP1130535

DP838753

21
DP1000265

BOLONG

PRIVATE

ABERNETHYS

RAILWAY

62
DP1078788

200
DP1062668

201
DP1062668

61
DP1078788

N

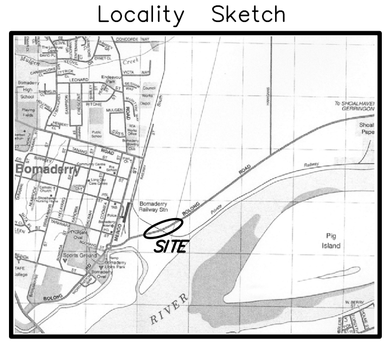
0 10 20 30 40 50 100

scale: – 1:1250

OVERALL CONCEPT PLAN

REDUCTION RATIO 1:1250

Locality Sketch



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COVER OF EXCELLENCE®

RATIO:	DATUM:			REVISION	BY	DATE
1:1250 (AT A1 SIZE)	AUSTRALIAN HEIGHT DATUM	SURVEY	PWR			
	ORIGIN: BENCHMARK RAMSET IN CONCRETE RL 7.344	DESIGN	MJP			
		DRAWN	SR			
		CHECK'D	MJP			
	DATE OF PLAN: 22 AUGUST 2012					

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consultants@allenprice.com.au www.allenprice.com.au

CONCEPT PLAN – PROPOSED CARPARKING AREA OVER PART OF BOLONG ROAD, BOMADERRY FOR MANILDRA PTY LTD

REF. No. 25003–68

SHEET 1 OF 1 SHEETS

REVISION 00