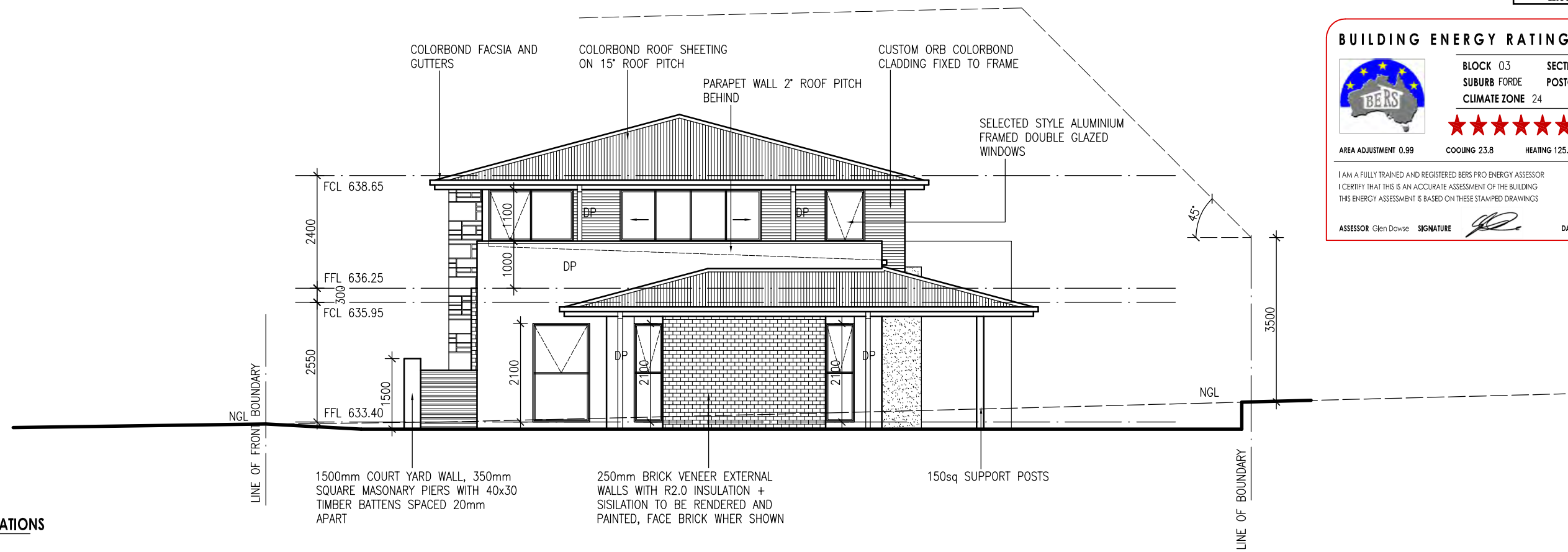


WEST, STREET ELEVATIONS
Scale 1:100


Select Structure
Building Approval
issued under section 28 of the Building Act 2004
1a(i), 10a and 10b
BCA Occupancy Class
N/A
BCA Construction Type
5 of 18
Number of pages
Jul 13, 2012
Issue Date
J. Krevatin
Livij Krevatin
Licence No. 2010979

Select Structure
VERIFICATION OF EXEMPT STATUS
Jul 12, 2012
Issue Date
J. Krevatin
Livij Krevatin
Licence No. 2010979



NORTH STREET ELEVATIONS
Scale 1:100

BUILDING ENERGY RATING SCHEME

 **BLOCK 03 SECTION 43**
SUBURB FORDE POSTCODE 2914
CLIMATE ZONE 24

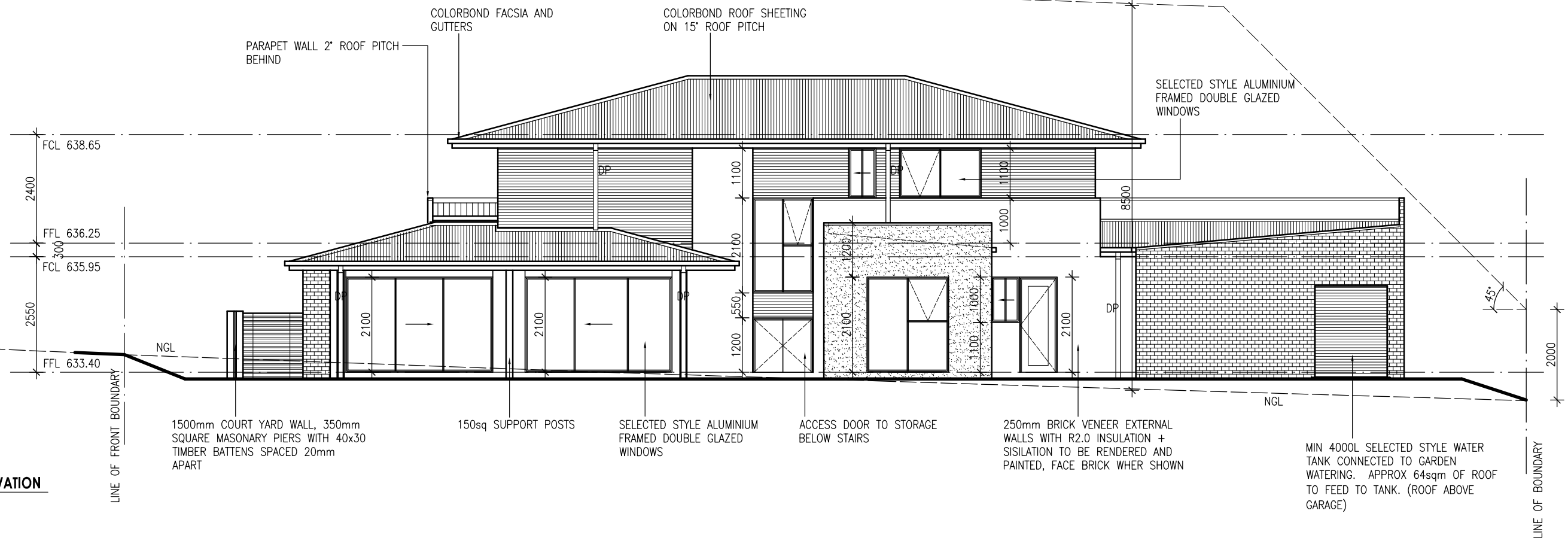
★ ★ ★ ★ ★ ★ **6 STAR RATING**

AREA ADJUSTMENT 0.99 COOLING 23.8 HEATING 125.2 TOTAL 149.0

I AM A FULLY TRAINED AND REGISTERED BERS PRO ENERGY ASSESSOR
I CERTIFY THAT THIS IS AN ACCURATE ASSESSMENT OF THE BUILDING
THIS ENERGY ASSESSMENT IS BASED ON THESE STAMPED DRAWINGS

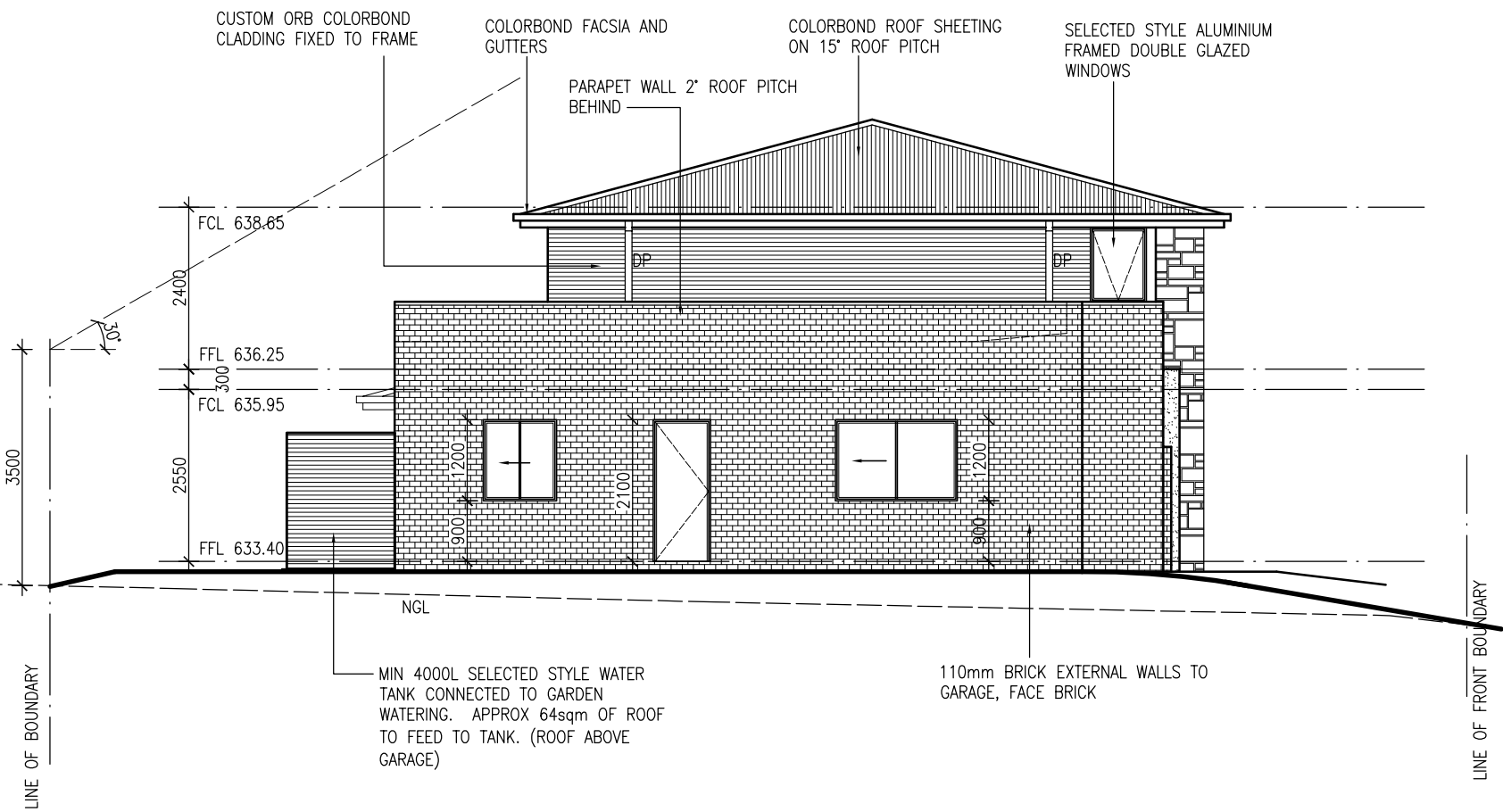
ASSESSOR Glen Dowse SIGNATURE *Glen Dowse* DATE 13.06.2012

BLOCK	3	DRAWING	ELEVATIONS	DRAWN	RJ
SECTION	43	PROJECT	PROPOSED NEW RESIDENCE	REVISION	
SUBURB	FORDE	CLIENT		REVISION DATE	
SCALE	1:100 @ A3			PRINT DATE	13/06/2012
				PROJ No.	
				DWG No	DA04



WEST, REAR ELEVATION
Scale 1:100

Select Structure
BUILDING APPROVAL
issued under section 28 of the Building Act 2004
1a(i), 10a and 10b
BCA Occupancy Class
N/A
BCA Construction Type
6 of 18
Number of pages
Jul 13, 2012
Issue Date
J. Krevatin
Licence No. 2010979



SOUTH ELEVATION
Scale 1:100

BUILDING ENERGY RATING SCHEME

BLOCK 03 SECTION 43
SUBURB FORDE POSTCODE 2914
CLIMATE ZONE 24

★ ★ ★ ★ ★ ★ 6 STAR RATING

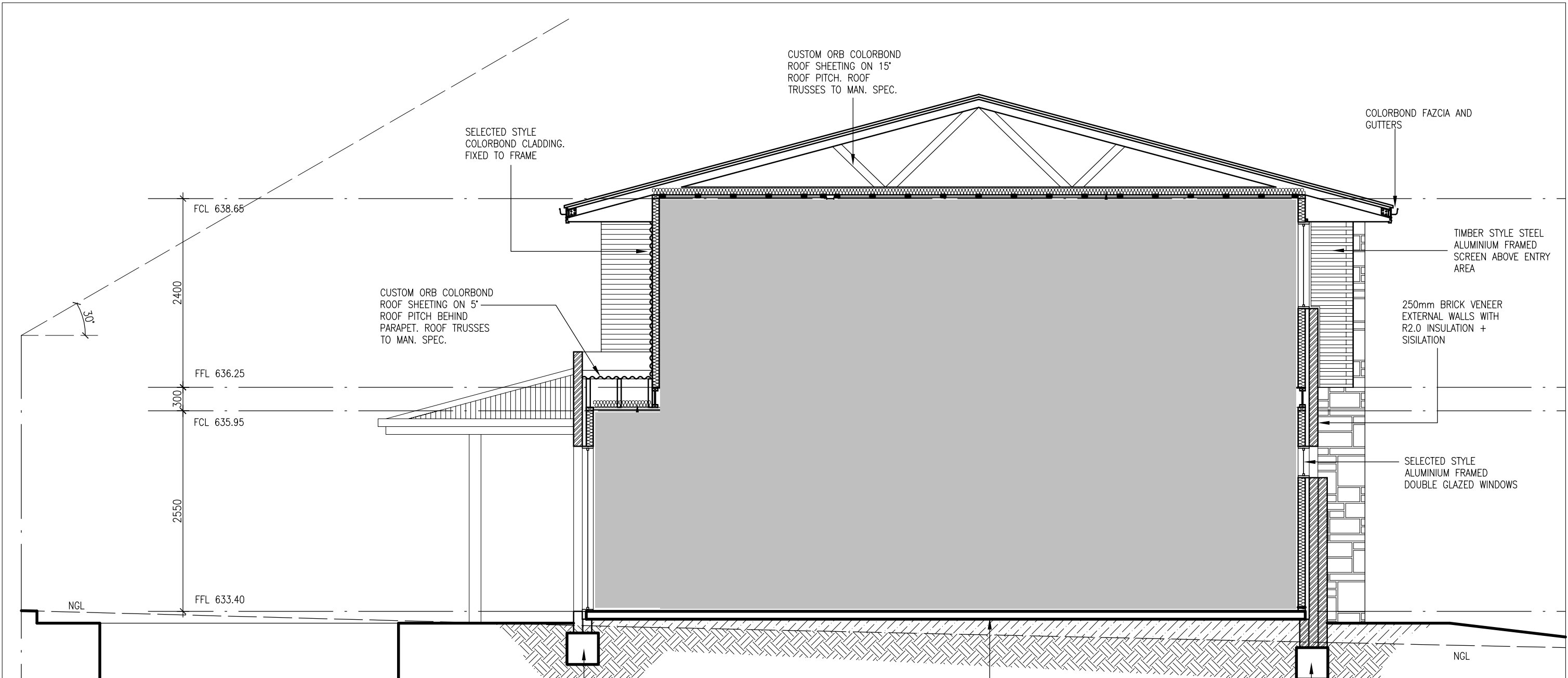
AREA ADJUSTMENT 0.99 COOLING 23.8 HEATING 125.2 TOTAL 149.0

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ASSESSOR Glen Dowse SIGNATURE *Glen Dowse* DATE 13.06.2012

Select Structure
VERIFICATION OF EXEMPT STATUS
Jul 12, 2012
Issue Date
J. Krevatin
Licence No. 2010979

BLOCK	3	DRAWING	ELEVATIONS	DRAWN	RJ
SECTION	43	PROJECT	PROPOSED NEW RESIDENCE	REVISION	
SUBURB	FORDE	CLIENT		REVISION DATE	
SCALE	1:100 @ A3			PRINT DATE	13/06/2012
				PROJ No.	
				DWG No	DA05



LINE OF BOUNDARY

SECTION A-A
Scale 1:100

Select Structure
building certification & construction advice

VERIFICATION OF EXEMPT STATUS

Jul 12, 2012
Issue Date

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Licence No. 2010979

BUILDING ENERGY RATING SCHEME

BLOCK 03 SECTION 43
SUBURB FORDE POSTCODE 2914
CLIMATE ZONE 24

★★★★★★ 6 STAR RATING

AREA ADJUSTMENT 0.99 COOLING 23.8 HEATING 125.2 TOTAL 149.0

I AM A FULLY TRAINED AND REGISTERED BERS PRO ENERGY ASSESSOR
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ASSESSOR Glen Dowse SIGNATURE *[Signature]* DATE 13.06.2012

Select Structure
building certification & construction advice

BUILDING APPROVAL
issued under section 28 of the Building Act 2004

1a(i), 10a and 10b
BCA Occupancy Class
N/A

BCA Construction Type
7 of 18
Number of pages

Jul 13, 2012
Issue Date


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Licence No. 2010979

BLOCK	3
SECTION	43
SUBURB	FORDE
SCALE	1:100 @ A3

DRAWING	SECTION A-A
PROJECT	PROPOSED NEW RESIDENCE
CLIENT	

DRAWN	RJ
REVISION	
REVISION DATE	
PRINT DATE	13/06/2012
PROJ No.	
DWG No	DA06

BUILDING ENERGY RATING SCHEME




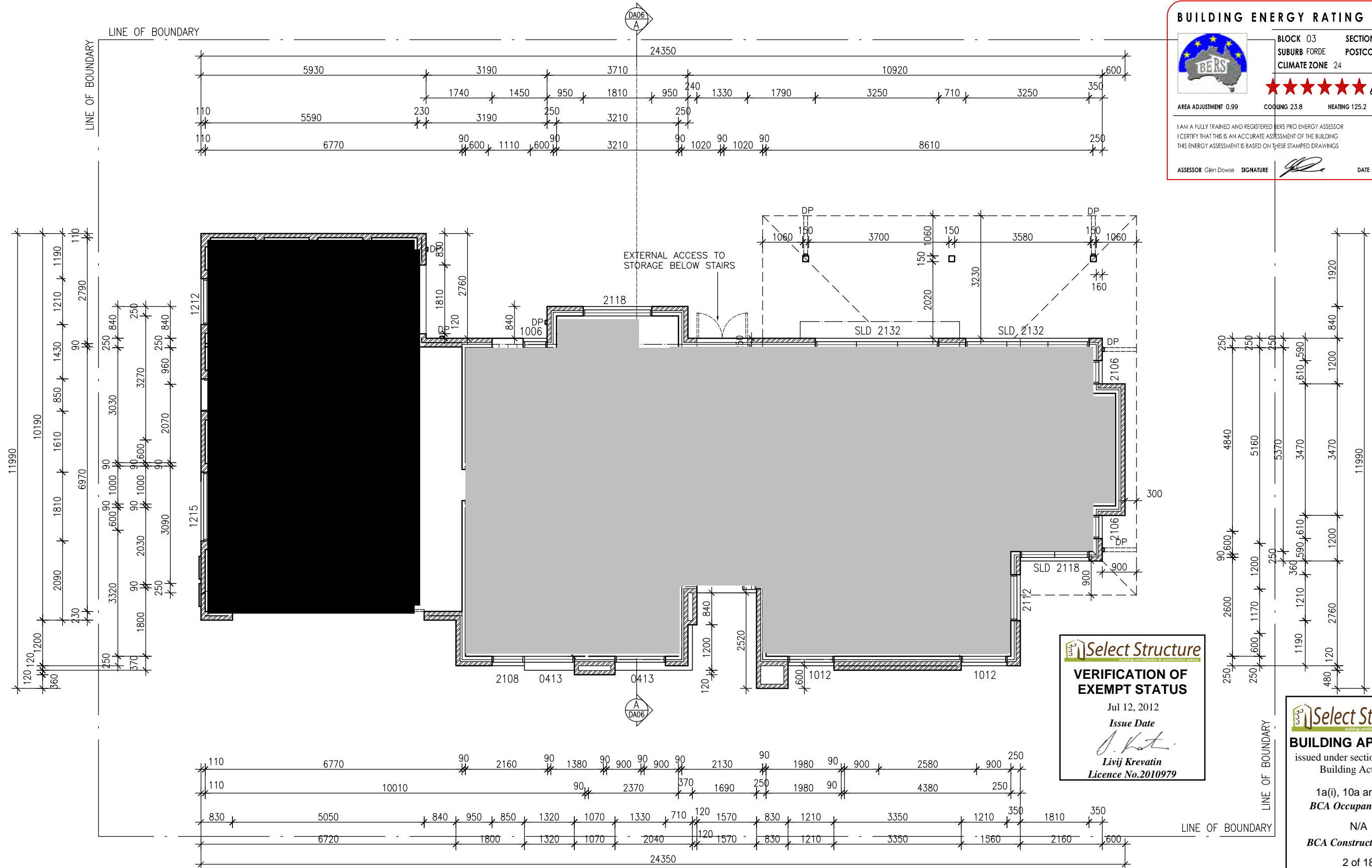
BLOCK 03 SECTION 43
SUBURB FORDE POSTCODE 2914
CLIMATE ZONE 24

★★★★★ 6 STAR RATING

AREA ADJUSTMENT 0.99 COOLING 23.8 HEATING 125.2 TOTAL 149.0

I AM A FULLY TRAINED AND REGISTERED BERS PRO ENERGY ASSESSOR
I CERTIFY THAT THIS IS AN ACCURATE ASSESSMENT OF THE BUILDING
THIS ENERGY ASSESSMENT IS BASED ON THESE STAMPED DRAWINGS

ASSESSOR Glen Dawse SIGNATURE  DATE 13.06.2012



Select Structure
building certification & construction advice

VERIFICATION OF EXEMPT STATUS

Jul 12, 2012
Issue Date

J. Krevatin
Livij Krevatin
Licence No. 2010979

Select Structure
building certification & construction advice

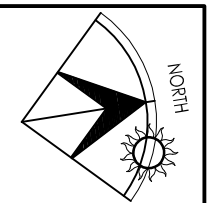
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issued under section 28 of the Building Act 2004

1a(i), 10a and 10b
BCA Occupancy Class
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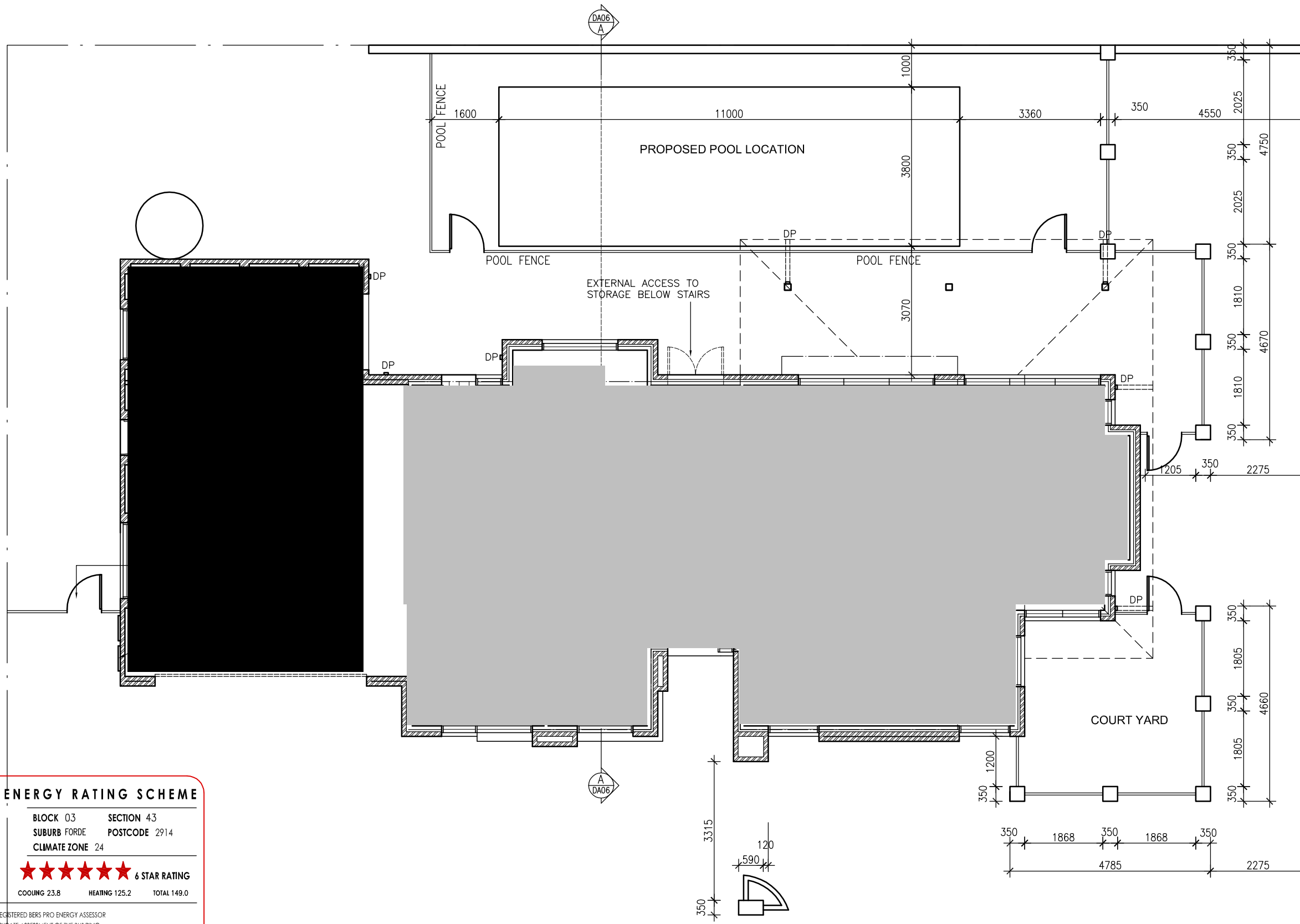
BCA Construction Type
2 of 18
Number of pages

Jul 13, 2012
Issue Date

J. Krevatin
Livij Krevatin
Licence No. 2010979



BLOCK	3	DRAWING	GROUND FLOOR PLAN DIMENSIONED
SECTION	43	PROJECT	PROPOSED NEW RESIDENCE
SUBURB	FORDE	CLIENT	
SCALE	1:100 @ A3	PRINT DATE	13/06/2012
		PROJ No.	
		DWG No	DA02A



Select Structure
 Building certification & construction advice
BUILDING APPROVAL
 issued under section 28 of the Building Act 2004
 1a(i), 10a and 10b
BCA Occupancy Class
 N/A
BCA Construction Type
 2 of 18
Number of pages
 Jul 13, 2012
Issue Date
J. Krevatin
Livij Krevatin
 Licence No. 2010979

Select Structure
 Building certification & construction advice
VERIFICATION OF EXEMPT STATUS
 Jul 12, 2012
Issue Date
J. Krevatin
Livij Krevatin
 Licence No. 2010979

BUILDING ENERGY RATING SCHEME



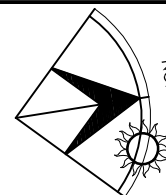
BLOCK 03 SECTION 43
 SUBURB FORDE POSTCODE 2914
 CLIMATE ZONE 24

★★★★★★ 6 STAR RATING

AREA ADJUSTMENT 0.99 COOLING 23.8 HEATING 125.2 TOTAL 149.0

I AM A FULLY TRAINED AND REGISTERED BERS PRO ENERGY ASSESSOR
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ASSESSOR Glen Dowse SIGNATURE *Glen Dowse* DATE 13.06.2012

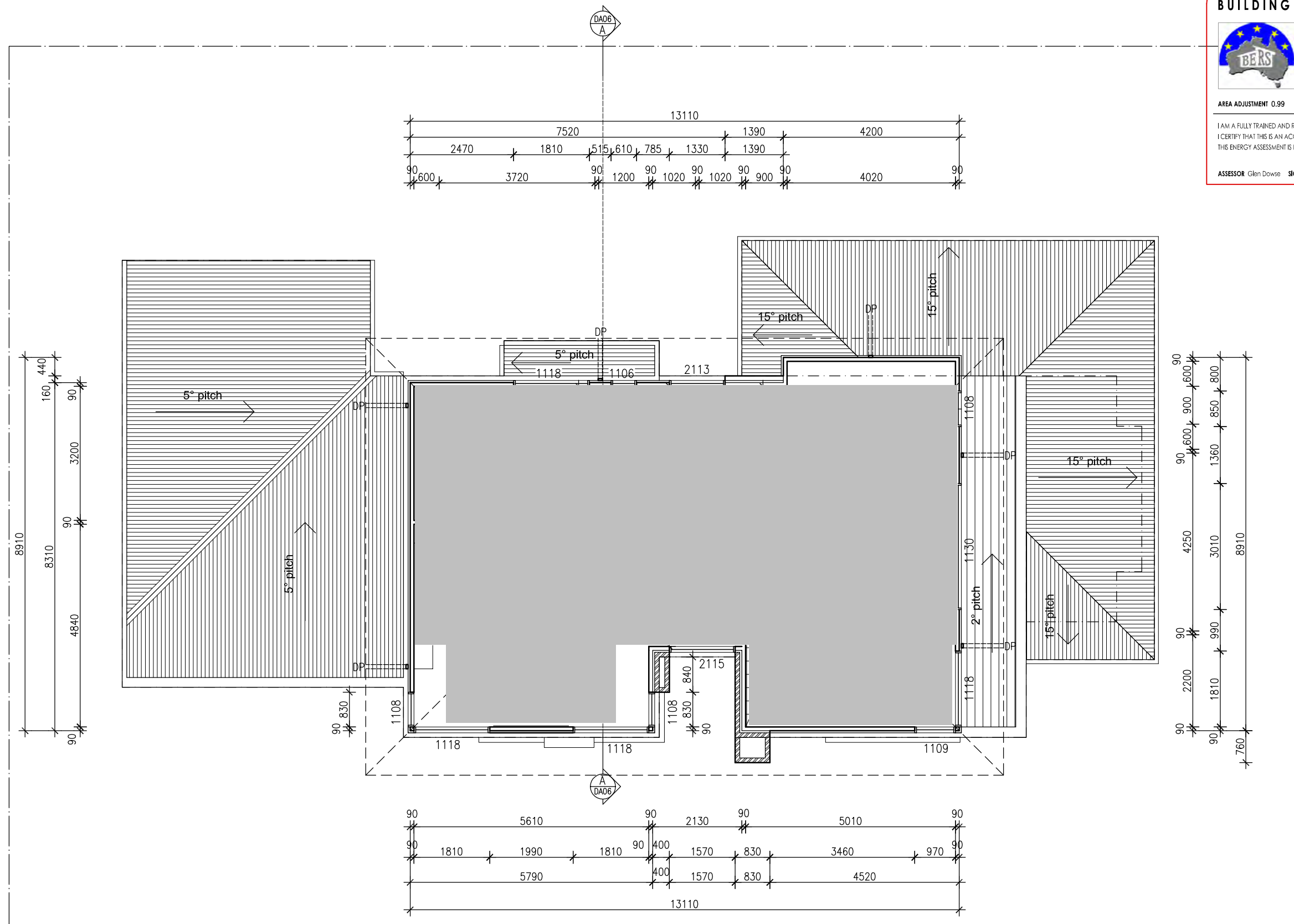


BLOCK 3
 SECTION 43
 SUBURB FORDE
 SCALE 1:100 @ A3

DRAWING **GROUND FLOOR PLAN OVERALL**
 PROJECT **PROPOSED NEW RESIDENCE**

CLIENT

DRAWN RJ
 REVISION
 REVISION DATE
 PRINT DATE 13/06/2012
 PROJ No.
 DWG No **DA02**



BUILDING ENERGY RATING SCHEME



BLOCK 03 SECTION 43
 SUBURB FORDE POSTCODE 2914
 CLIMATE ZONE 24

★★★★★★ 6 STAR RATING

AREA ADJUSTMENT 0.99 COOLING 23.8 HEATING 125.2 TOTAL 149.0

I AM A FULLY TRAINED AND REGISTERED BERS PRO ENERGY ASSESSOR
 I CERTIFY THAT THIS IS AN ACCURATE ASSESSMENT OF THE BUILDING
 THIS ENERGY ASSESSMENT IS BASED ON THESE STAMPED DRAWINGS

ASSESSOR: Glen Dowse SIGNATURE: DATE: 13.04.2012



BUILDING APPROVAL

issued under section 28 of the Building Act 2004

1a(i), 10a and 10b
 BCA Occupancy Class

N/A

BCA Construction Type

4 of 18

Number of pages

Jul 13, 2012

Issue Date

Livij Krevatin

Licence No. 2010979



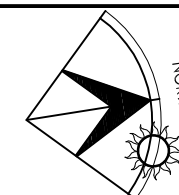
VERIFICATION OF EXEMPT STATUS

Jul 12, 2012

Issue Date

Livij Krevatin

Licence No. 2010979

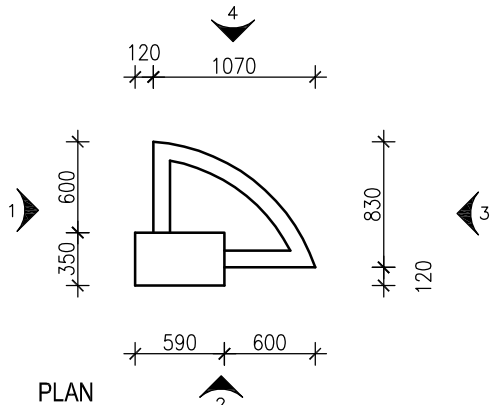


BLOCK 3
 SECTION 43
 SUBURB FORDE
 SCALE 1:100 @ A3

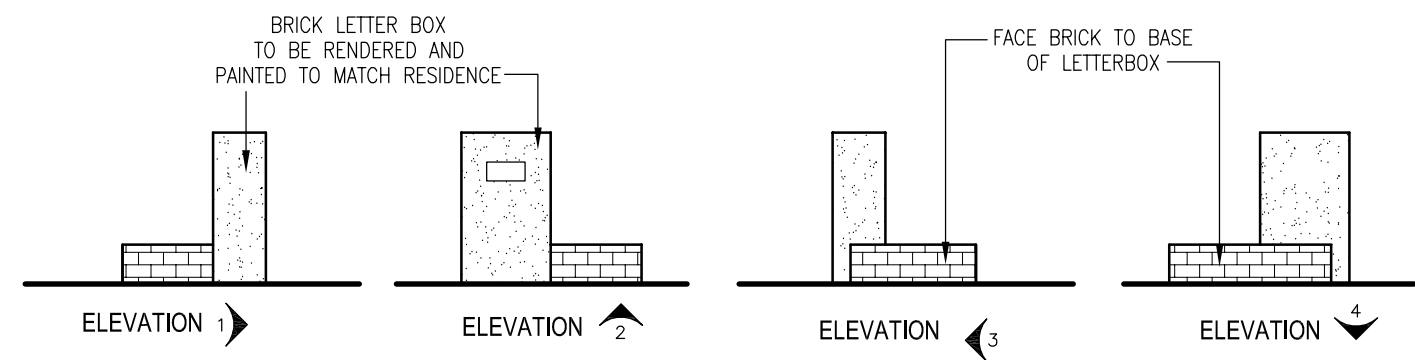
DRAWING UPPER FLOOR PLAN
 PROJECT PROPOSED NEW RESIDENCE

CLIENT

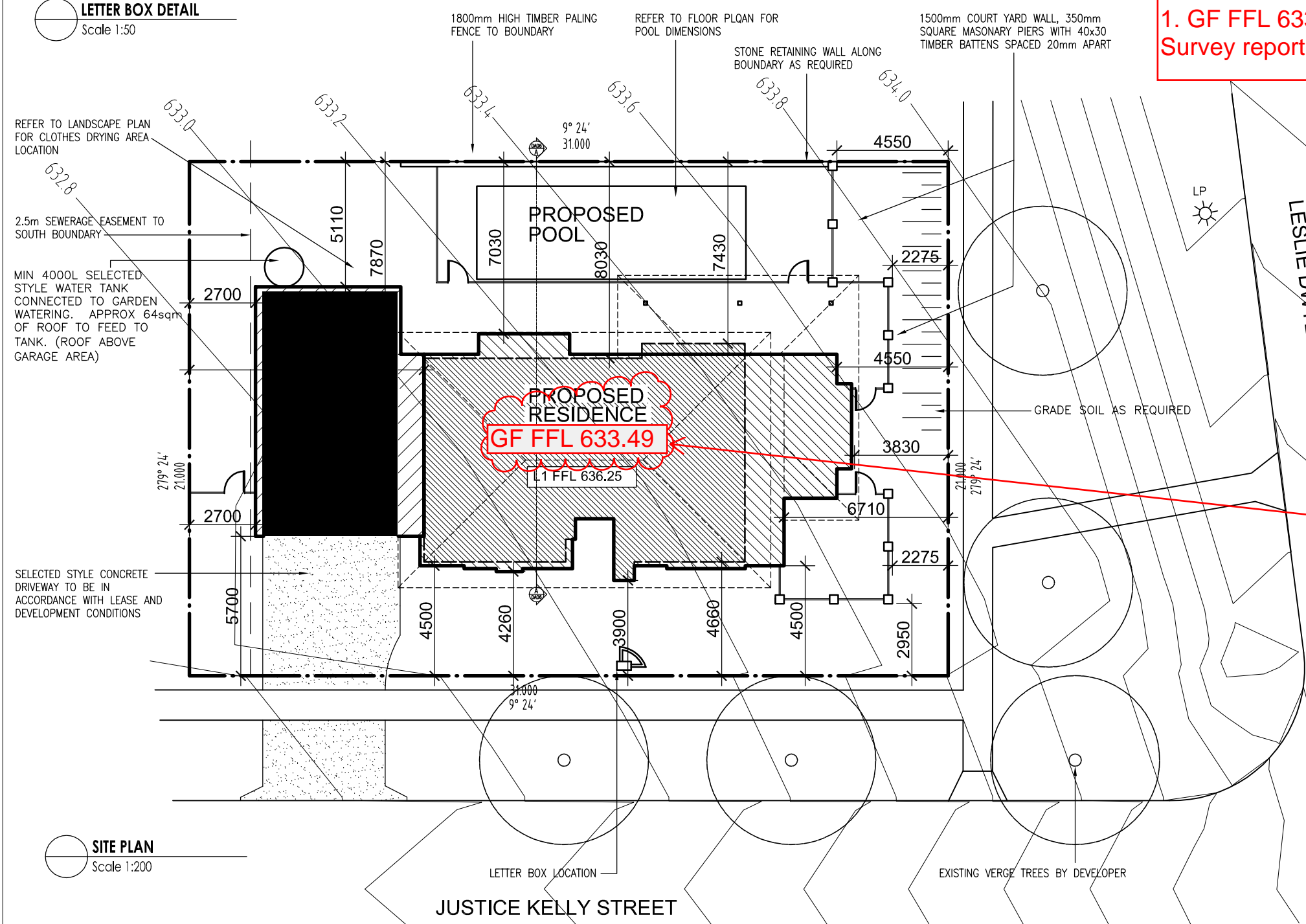
DRAWN RJ
 REVISION
 REVISION DATE
 PRINT DATE 13/06/2012
 PROJ No.
 DWG No DA03



LETTER BOX DETAIL
Scale 1:50



AMENDMENT
1. GF FFL 633.49 as per Survey report



SITE PLAN
Scale 1:200

water_reduction_spreadsheet-3 of 43 Forde.qld 11/08/2012

This spreadsheet is an online tool for individuals, designers and developers to gauge possible methods of reducing mains water consumption on detached dwellings. Please enter ALL the relevant information for your dwelling before using the reduction percentage.

Percentage Reduction	=	42%
-----------------------------	---	------------

Indoor information	
Number of bedrooms in the house	4
What is the water rating of the shower head?	5 Star
What is the water rating of the clothes washing machine?	5 Star
What is the water rating of the dishwasher?	4 Star
What is the water rating of the toilet?	5 Star

Site information	
Site area (m ²)?	651
Roof area (including house and garage or carport) (m ²)?	267

Rain water tank information	
Is there going to be a water tank installed?	Yes
What is the size of the tank (L)?	4000
What is the approx. roof area flowing into the tank (m ²)?	64
What will be the use for the water in the tank?	Garder, Toilet and Laundry

Grey Water information	
What type of grey water system is installed?	None
What is the size of the grey water storage tank (L)?	0
Where will the grey water be collected from?	
What will be the use for the grey water?	

Pool, Spa or Pond information	
Is there going to be a pool, spa, or pond?	Pool
Is there going to be a cover on the pool or spa?	Yes
Average depth of the pool, spa or pond (m)?	1.5
Average length of the pool, spa or pond (m)?	11
Average width of the pool, spa or pond (m)?	3.8
The volume of the pool, spa or pond is (L)	62,700

Main sheet Page 1 of 1

BUILDING ENERGY RATING SCHEME

BLOCK 03 SECTION 43
SUBURB FORDE POSTCODE 2914
CLIMATE ZONE 24

★★★★★★ 6 STAR RATING

AREA ADJUSTMENT 0.99 COOLING 23.8 HEATING 125.2 TOTAL 149.0

I AM A FULLY TRAINED AND REGISTERED BERS PRO ENERGY ASSESSOR
I CERTIFY THAT THIS IS AN ACCURATE ASSESSMENT OF THE BUILDING
THIS ENERGY ASSESSMENT IS BASED ON THESE STAMPED DRAWINGS

ASSESSOR Glen Dowse SIGNATURE DATE 13.06.2012

Select Structure
Building certification & construction advice

BUILDING APPROVAL
issued under section 28 of the Building Act 2004
1a(i) and 10a
BCA Occupancy Class N/A
BCA Construction Type 1 of 1
Number of pages 1 of 1
Issue Date Feb 15, 2013
Issue Date
Livij Krevatin
Licence No. 2010979

SITE AREA= 651m²

GROUND FLOOR LIVING AREA=141.6m²
GARAGE/STORAGE AREA=67.4m²
UPPER FLOOR LIVING AREA=95.7m²

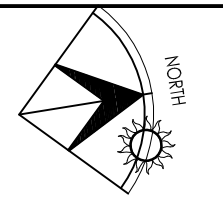
TOTAL= 304.7m²

BLOCK AREA = 651 sqm
RESIDENCE FOOTPRINT AREA = 209 sqm
TOTAL POS AREA = 442 sqm

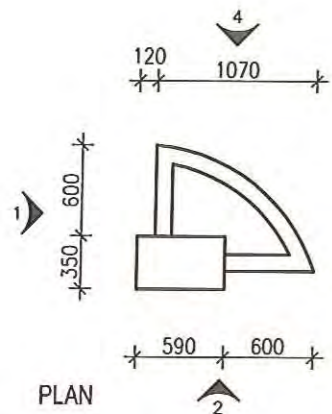
PRIVATE OPEN SPACE IS REQUIRED TO BE RETAINED AS 50% PLANTING AREA = 221 sqm

SOFT LANDSCAPING AREA PROVIDED = 289.0 sqm
HARD PAVED AREA (INC. DRIVEWAY) = 152.7 sqm

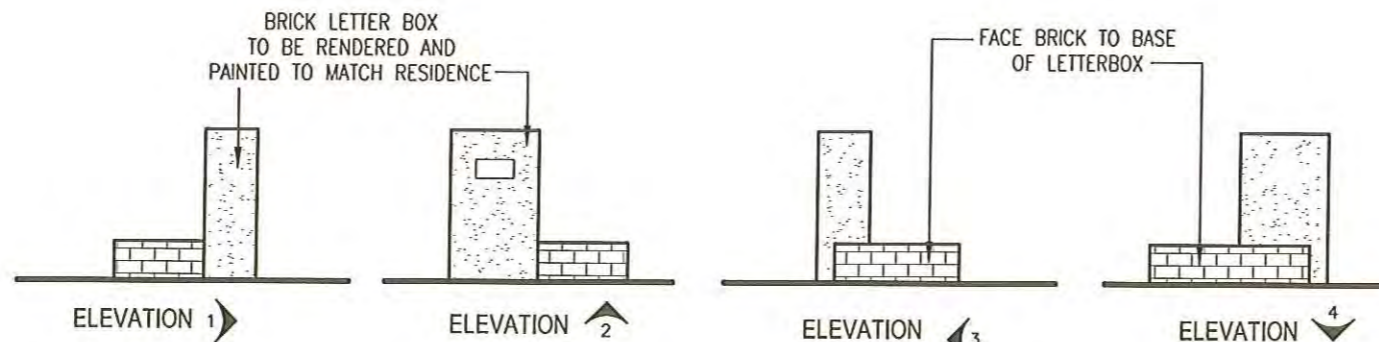
REFER TO LANDSCAPE PLAN



BLOCK	3	DRAWING	SITE PLAN	DRAWN	RJ
SECTION	43	PROJECT	PROPOSED NEW RESIDENCE	REVISION	
SUBURB	FORDE	CLIENT		REVISION DATE	
SCALE	1:100 @ A3			PRINT DATE	13/06/2012
				PROJ No.	
				DWG No	DA01

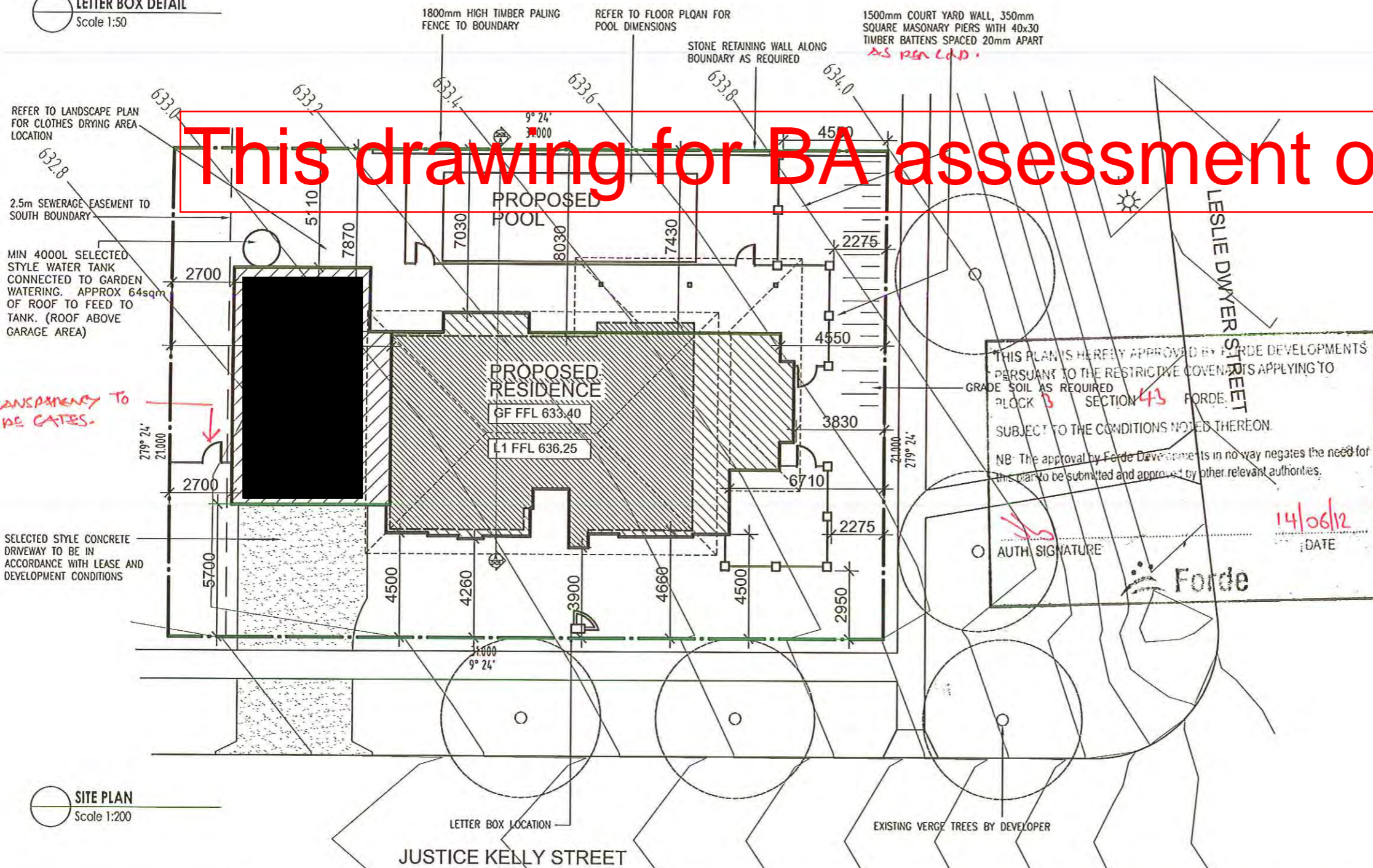


LETTER BOX DETAIL
Scale 1:50



1800mm HIGH TIMBER PALING FENCE TO BOUNDARY
REFER TO FLOOR PLAN FOR POOL DIMENSIONS
STONE RETAINING WALL ALONG BOUNDARY AS REQUIRED
1500mm COURT YARD WALL, 350mm SQUARE MASONRY PIERS WITH 40x30 TIMBER BATTENS SPACED 20mm APART
AS PER C.D.P.

This drawing for BA assessment only



SITE PLAN
Scale 1:200

water reduction spreadsheet 3 of 43 Forde.xls 11/06/2012
This spreadsheet is an online tool for architects, designers and developers to gauge possible methods of reducing mains water consumption on detached dwellings. Please enter ALL the relevant information for your dwelling before using the reduction percentage.

Percentage Reduction =	42%
Indoor Information	
Number of bedrooms in the house	4
What is the water rating of the shower head?	1 Star
What is the water rating of the clothes washing machine?	1 Star
What is the water rating of the dishwasher?	1 Star
What is the water rating of the toilet?	1 Star
Site Information	
Site area (m ²)?	651
Roof area (including house and garage or carport) (m ²)?	267
Rain water tank information	
Is there going to be a water tank installed?	Yes
What is the size of the tank (L)?	4000
What is the approx. roof area flowing into the tank (m ²)?	64
What will be the use for the water in the tank?	Cover, 'old and laundry'
Grey Water Information	
What type of grey water system is installed?	None
What is the size of the grey water storage tank (L)?	0
Where will the grey water be collected from?	
What will be the use for the grey water?	
Pool, Spa or Pond Information	
Is there going to be a pool, spa, or pond?	No
Is there going to be a cover on the pool or spa?	No
Average depth of the pool, spa or pond (m)?	1.5
Average length of the pool, spa or pond (m)?	11
Average width of the pool, spa or pond (m)?	3.8
The volume of the pool, spa or pond is (L)	62,700

Main sheet Page 1 of 1

THIS PLAN IS HEREBY APPROVED BY FORDE DEVELOPMENTS
PURSUANT TO THE RESTRICTIVE COVENANTS APPLYING TO
BLOCK 3 SECTION 43 FORDE
SUBJECT TO THE CONDITIONS NOTED THEREON.
NB: The approval by Forde Developments in no way negates the need for
this plan to be submitted and approved by other relevant authorities.

14/06/12
AUTH. SIGNATURE: [Signature] DATE: 14/06/12
Forde

Select Structure
VERIFICATION OF EXEMPT STATUS
Jul 12, 2012
Issue Date
[Signature]
Lijiv Krevatin
Licence No. 2010979

Select Structure
BUILDING APPROVAL
issued under section 28 of the Building Act 2004
1a(i), 10a and 10b
BCA Occupancy Class
N/A
BCA Construction Type
9 of 18
Number of pages
Jul 13, 2012
Issue Date
[Signature]
Lijiv Krevatin
Licence No. 2010979

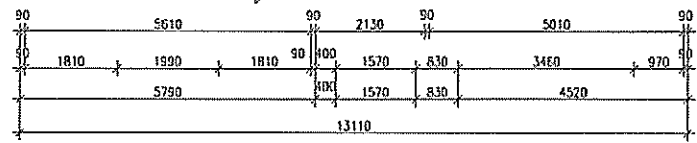
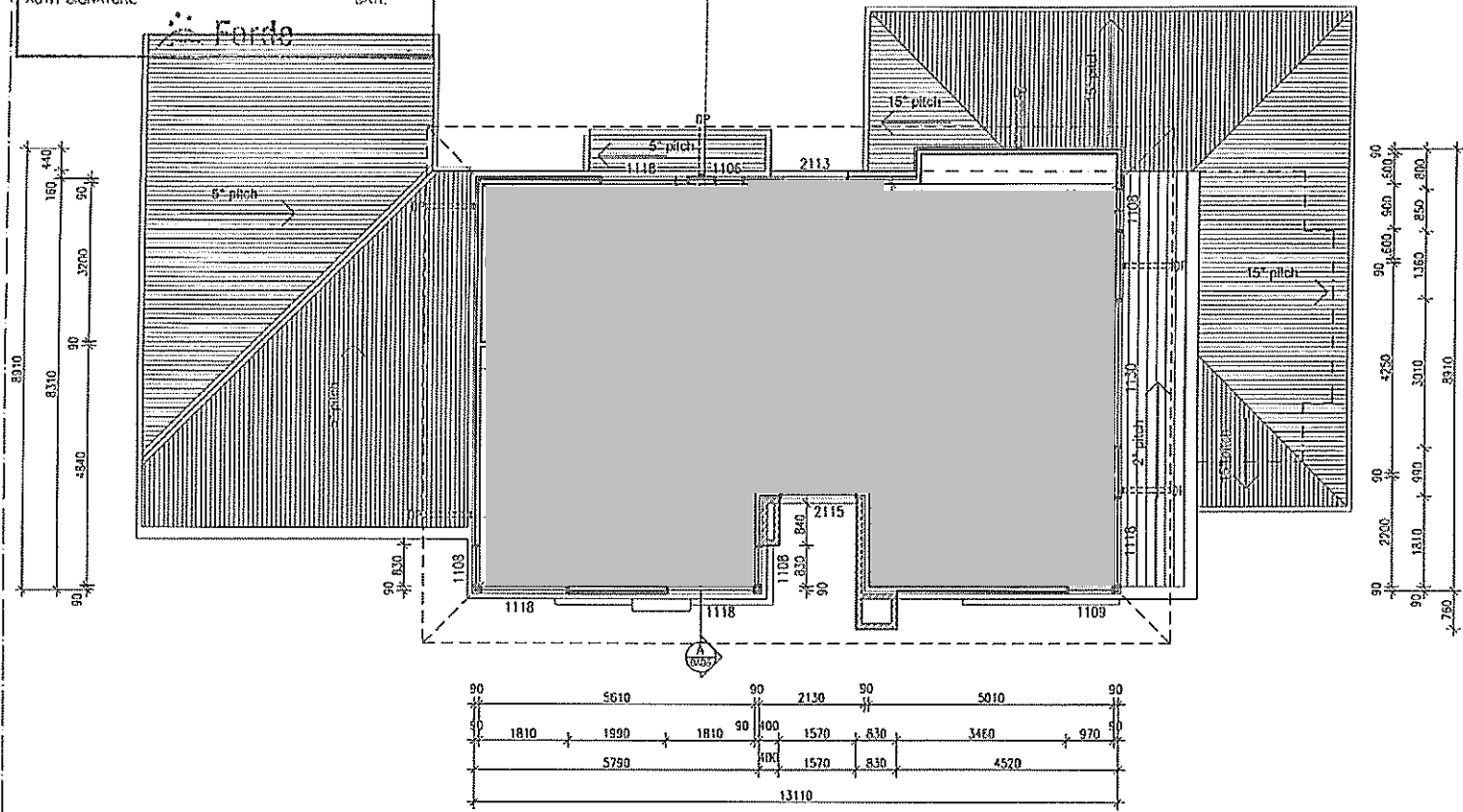
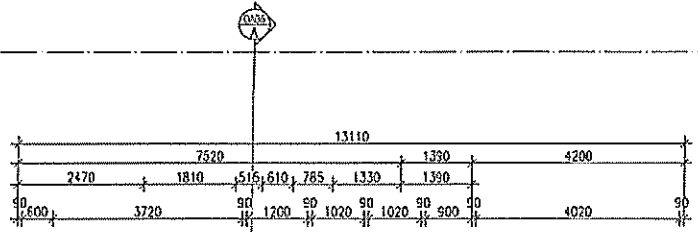
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GARAGE/STORAGE AREA=67.4m²
UPPER FLOOR LIVING AREA=95.7m²
TOTAL= 304.7m²
BLOCK AREA = 651 sqm
RESIDENCE FOOTPRINT AREA = 209 sqm
TOTAL POS AREA = 442 sqm
PRIVATE OPEN SPACE IS REQUIRED TO BE RETAINED AS 50% PLANTING AREA = 221 sqm
SOFT LANDSCAPING AREA PROVIDED = 289.0 sqm
HARD PAVED AREA (INC. DRIVEWAY) = 152.7 sqm
REFER TO LANDSCAPE PLAN

BLOCK	3	DRAWING	SITE PLAN	DRAWN	RJ
SECTION	43	PROJECT	PROPOSED NEW RESIDENCE	REVISION	
SUBURB	FORDE	CLIENT		REVISION DATE	
SCALE	1:100 @ A3			PRINT DATE	11/04/2012
				PROJ No.	
				DWG No	DA01

THIS PLAN IS HEREBY APPROVED BY FORDE DEVELOPMENTS
 PURSUANT TO THE RESTRICTIVE COVENANTS APPLYING TO
 BLOCK 3 SECTION 43 FORDE
 SUBJECT TO THE CONDITIONS NOTED THEREON

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 this plan to be submitted and approved by other relevant authorities

[Signature]
 AUTH SIGNATURE DATE 14/06/12



BUILDING ENERGY RATING SCHEME

BEERS

BLOCK 03 SECTION 43
 SUBURB FORDE POSTCODE 2914
 CLIMATEZONE 24

★★★★★ & STAR RATING

PLAN APPROVED 09/08/11 ECOM 2358 HANNO 1252 1043 1488

PLAN APPROVED 09/08/11 ECOM 2358 HANNO 1252 1043 1488

AUTHOR: D. PETERSON DATE: 13/01/2012

Select Structure
 Building certification & construction advice

BUILDING APPROVAL
 issued under section 28 of the
 Building Act 2004

1a(i), 10a and 10b
BCA Occupancy Class
 N/A

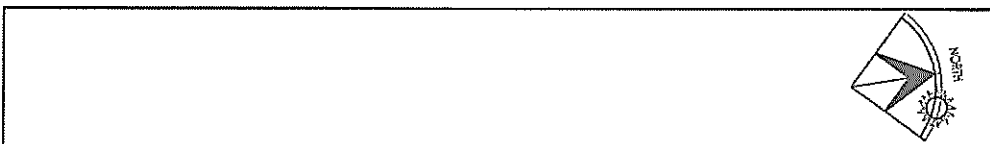
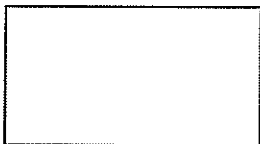
BCA Construction Type
 11 of 18
Number of pages
 Jul 13, 2012

Issue Date
[Signature]
Livij Krevatin
 Licence No. 2010979

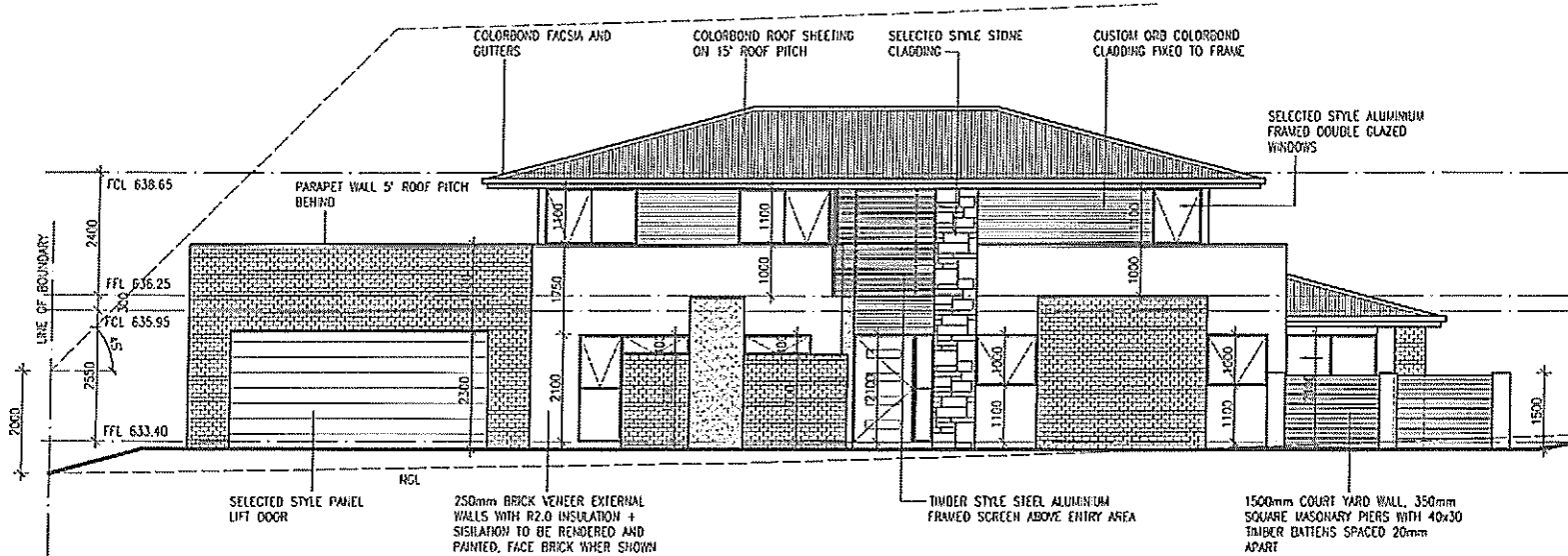
Select Structure
 Building certification & construction advice

VERIFICATION OF EXEMPT STATUS
 Jul 12, 2012

Issue Date
[Signature]
Livij Krevatin
 Licence No. 2010979



BLOCK	3	DRAWING	UPPER FLOOR PLAN	DRAWN	BJ
SECTION	43	PROJECT	PROPOSED NEW RESIDENCE	REVISION	
SUBURB	FORDE	CLIENT		REVISION DATE	
SCALE	1:100 @ A3			PRINT DATE	13/09/2012
				PROJECT No.	
				DWG No.	DA03



WEST STREET ELEVATIONS
Scale 1:100

Select Structure
building certification & construction advice

BUILDING APPROVAL
issued under section 28 of the Building Act 2004

1a(i), 10a and 10b
BCA Occupancy Class

N/A
BCA Construction Type

12 of 18
Number of pages

Jul 13, 2012
Issue Date

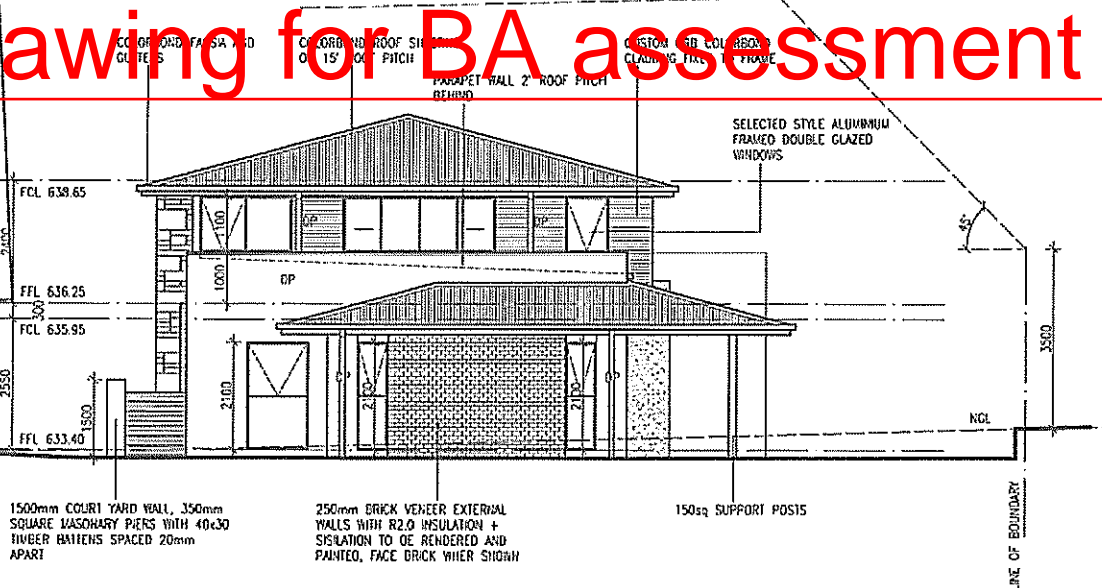
L. Krevatin
Livij Krevatin
Licence No. 2010979

This drawing for BA assessment only

THIS PLAN IS HEREBY APPROVED BY FORDE DEVELOPMENTS PERSUANT TO THE RESTRICTIONS AND APPLYING TO BLOCK 3 SECTION 43 FORDE. SUBJECT TO THE CONDITIONS NOTED THEREON.

NB: The approval by Forde Developments in no way negates the need for this plans to be submitted and approved by other relevant authorities.

Auth Signature: *[Signature]* DATE: 14/06/12



NORTH STREET ELEVATIONS
Scale 1:100

BUILDING ENERGY RATING SCHEME

Block 03 SECTION 43
Suburb Forde POSTCODE 2914
CUMMANS ST 24

★★★★★ 5 STAR RATING

APPA ASSUMPTION @ 10 ECGR03 258 RATING 125.2 12/11/12

FOR A FULL REPORT AND REPORT CHECK FOR DEFECTS AND ASSURANCE CHECK THE PLAN AND CHECK THE ASSUMPTIONS OF THE RATING. E-RAIS IS AN ASSESSMENT BASED CHECK FOR COMPLIANCE.

ASSESSOR: GUY DUNN B014574 DATE: 11/06/12

Select Structure
building certification & construction advice

VERIFICATION OF EXEMPT STATUS

Jul 12, 2012
Issue Date

L. Krevatin
Livij Krevatin
Licence No. 2010979

BLOCK	3	DRAWING	ELEVATIONS	DRAWN	JK
SECTION	43	REVISION		REVISION	
SUBURB	FORDE	PROJECT	PROPOSED NEW RESIDENCE	REVISION DATE	
SCALE	1:100 @ A3	CLIENT		PRINT DATE	13/07/12
				PROJECT NO.	
				DWG No.	DA04

BUILDING APPROVAL

issued under section 28 of the Building Act 2004

1a(i), 10a and 10b
BCA Occupancy Class

N/A

BCA Construction Type

13 of 18

Number of pages

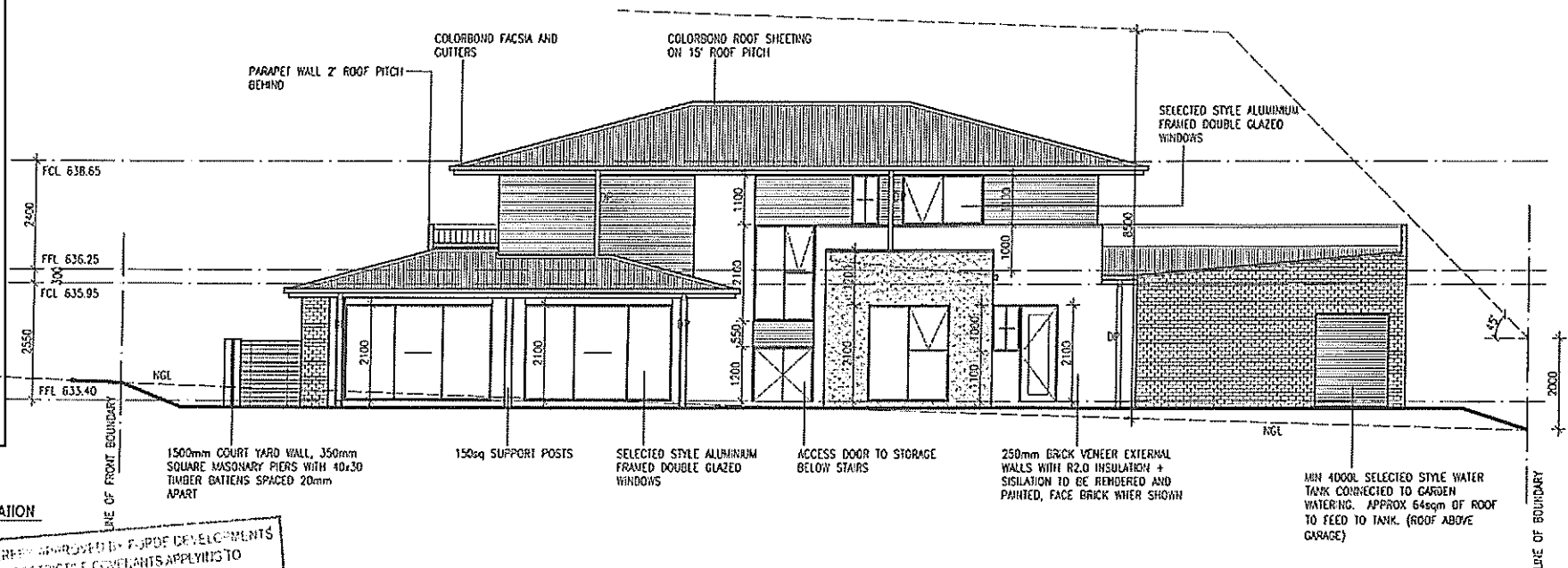
Jul 13, 2012

Issue Date

J. Krevatin

Livij Krevatin

Licence No. 2010979



WEST REAR ELEVATION
Scale 1:100

THIS PLAN IS HEREBY APPROVED BY FORDE DEVELOPMENTS PURSUANT TO THE RESTRICTIVE COVENANTS APPLYING TO BLOCK 3 SECTION 43 FORDE SUBURB TO THE CONVEYANCE THEREON AS THE approval by Forde Developments is subject to the plan of subdivision and other relevant documents.

14/06/12
GATE

Forde

This drawing for BA assessment only

BUILDING ENERGY RATING SCHEME

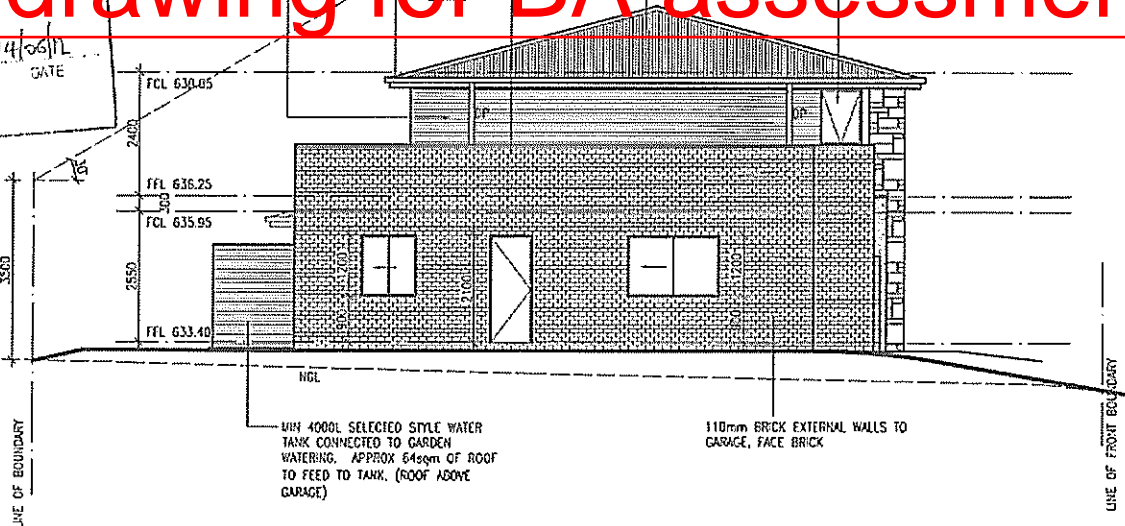
BLOCK 03 SECTION 43
FORDE
POSTCODE 2714
SUBURB TO BE 24

★★★★★ 5 STAR RATING

AREA 625.00m² D196 COEFF 22.8 HEATING 123.2 TOTAL 143.0

DATE 13/07/2012

SOUTH ELEVATION
Scale 1:100



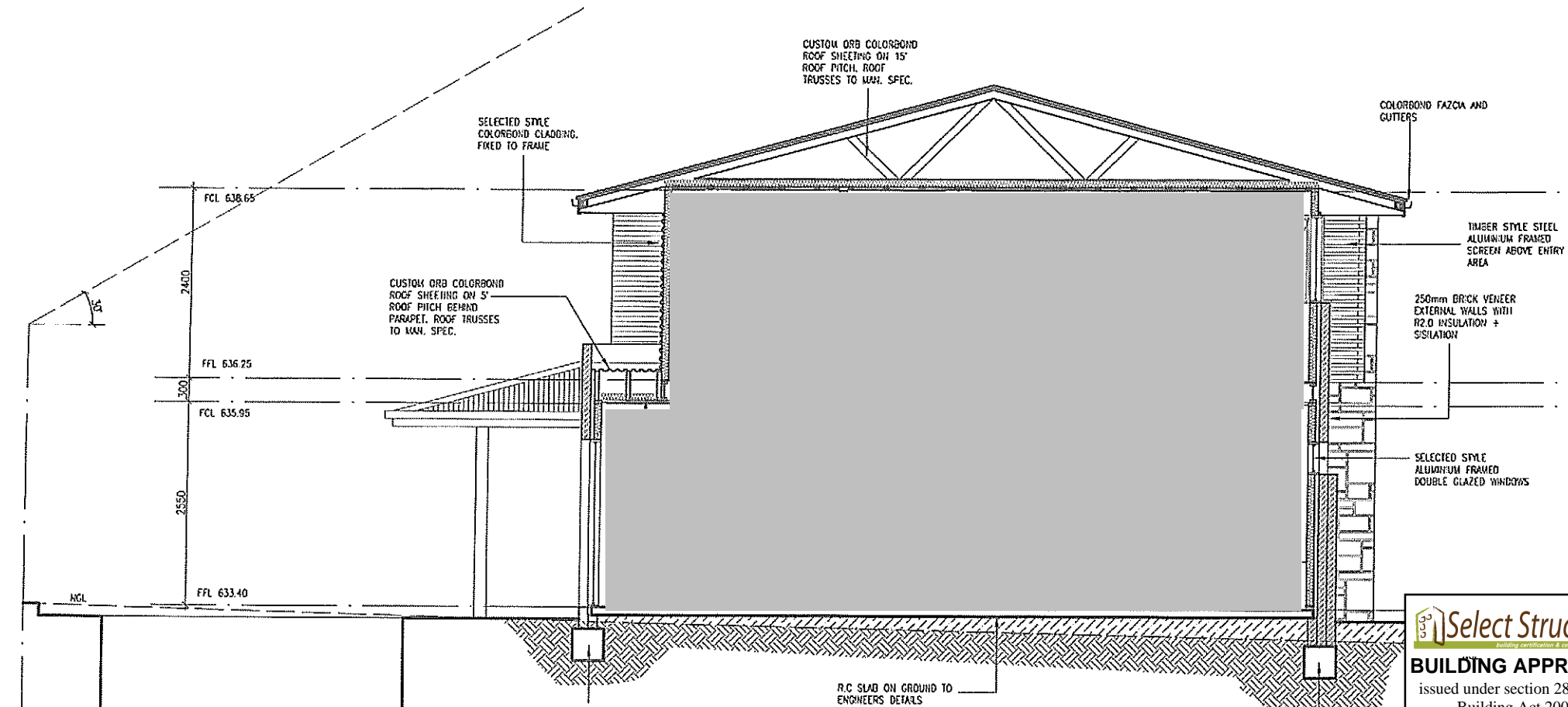
Select Structure
Building Certification & Construction Advice

VERIFICATION OF EXEMPT STATUS

Jul 12, 2012
Issue Date

J. Krevatin
Livij Krevatin
Licence No. 2010979

BLOCK	3	DRAWING	ELEVATIONS	DRAWN	JJ
SECTION	43	PROJECT	PROPOSED NEW RESIDENCE	REVISION	
SUBURB	FORDE	CLIENT		REVISION DATE	
SCALE	1:100 @ A3			PRINT DATE	13/06/2012
				PROJ No.	
				DRWG No.	DA05



SECTION A-A
Scale 1:100

THIS PLAN IS HEREBY DECLARED BY FORDE DEVELOPMENTS
PERSUANT TO THE RESTRICTIVE COVENANTS APPLYING TO
BLOCK 3 SECTION 43 FORDE
SUBJECT TO THE CONDITIONS STATED THEREON
NB: The approval by Forde Developments in no way, negates the need for
this plan to be submitted and approved by other relevant authorities

[Signature]
AUTH SIGNATURE

14/06/12
DATE

[Signature]
Forde

Select Structure
Building verification & construction advice

VERIFICATION OF EXEMPT STATUS

Jul 12, 2012
Issue Date

[Signature]
Lijiv Krevatin
Licence No. 2010979

BUILDING ENERGY RATING SCHEME

BLOCK 03 SECTION 43
SUBURB FORDE POSTCODE 2714
CLIMATE ZONE 24

★★★★★ 5 STAR RATING

AREA ACHIEVED 0.99 COUNTS 23.8 PARTIAL 175.2 TOTAL 149.0

THIS PLAN HAS BEEN APPROVED FOR ENERGY ASSISTANCE
ECHA APPROVAL IS AN ACCURATE ASSESSMENT OF THE BUILDING
THE ENERGY ASSISTANCE IS BASED ON THESE DRAWINGS

ALLISON GIBSON-ROSE SIGNATURE *[Signature]* DATE 13/06/2012

Select Structure
Building verification & construction advice

BUILDING APPROVAL
issued under section 28 of the
Building Act 2004

1a(i), 10a and 10b
BCA Occupancy Class

N/A
BCA Construction Type

14 of 18
Number of pages

Jul 13, 2012
Issue Date

[Signature]
Lijiv Krevatin
Licence No. 2010979

BLOCK	3	DRAWING	SECTION A-A
SECTION	43	PROJECT	PROPOSED NEW RESIDENCE
SUBURB	FORDE	CLIENT	[REDACTED]
SCALE	1:100 @ A3	REVISION DATE	13/06/2012
		PROJ No.	
		DWG No.	DA06

Select Structure
building certification & construction advice

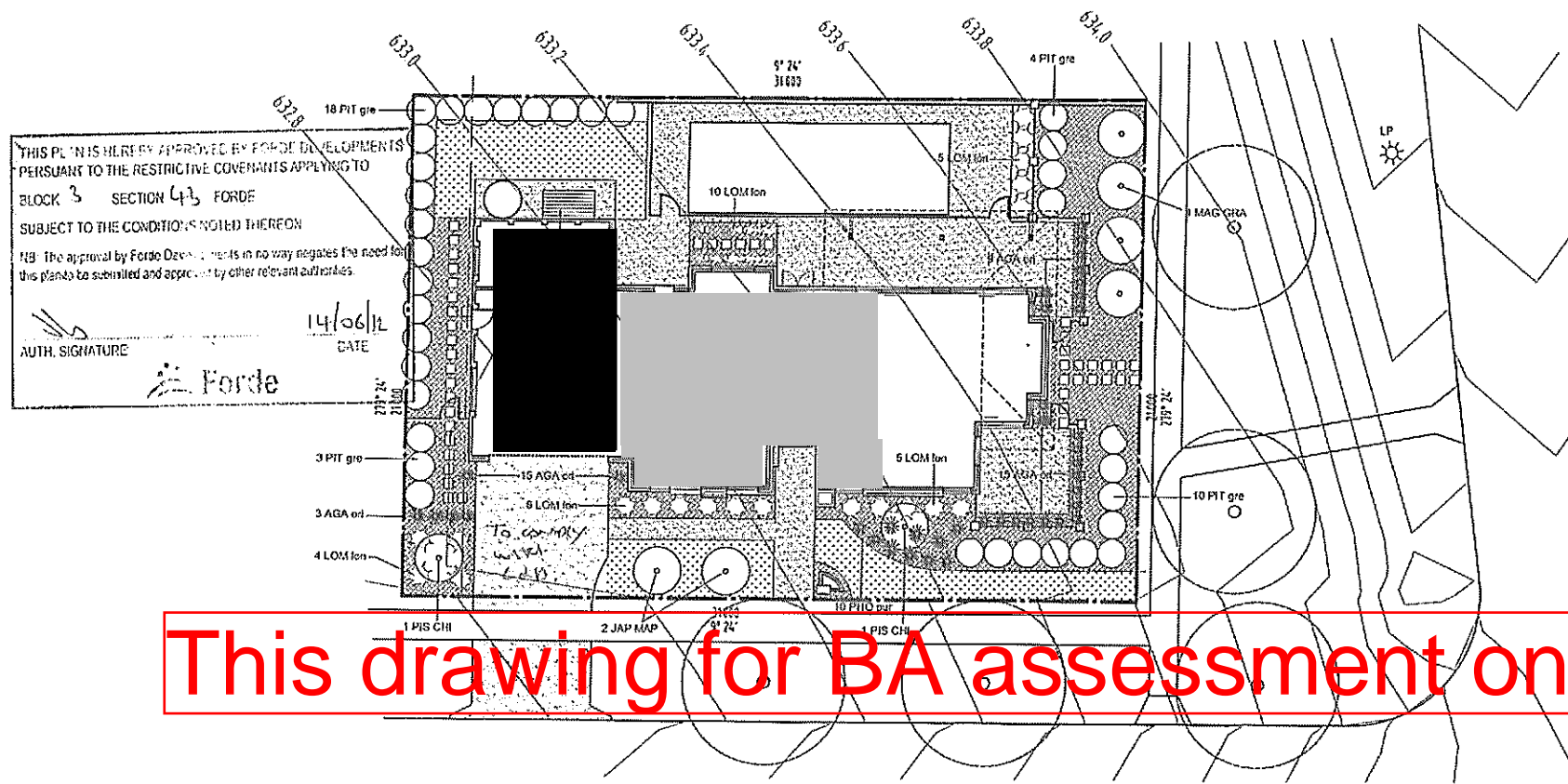
BUILDING APPROVAL
 issued under section 28 of the Building Act 2004

1a(i), 10a and 10b
BCA Occupancy Class
 N/A

BCA Construction Type
 14 of 18

Number of pages
 Jul 13, 2012

Issue Date
J. Krevatin
Livij Krevatin
 Licence No. 2010979



This drawing for BA assessment only

Select Structure
building certification & construction advice

VERIFICATION OF EXEMPT STATUS
 Jul 12, 2012

Issue Date
J. Krevatin
Livij Krevatin
 Licence No. 2010979

PLANT SCHEDULE

LEGEND

	HARD PAVING SELECTED STYLE CONCRETE
	GRASS
	BARK OR STONE PEBBLES

ANULGA REDUCE PEBBLES TO FRONTRAGES.

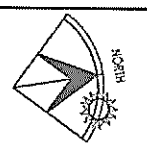
Code	Botanical Name	Common Name	H (m)	W (m)	Pot Size (mm)
TREES					
MAG GRA	Magnolia Grandiflora	Little Gem	4	3	200
PIS CHI	Pistacia Chinensis	Chinese Pistachio	3.5	3	200
JAP MAP	Acer palmatum	Japanese Maple	3.5	3	200
SHRUBS					
AGA ori	Agapanthus Orientalis 'blue'	Blue African Lily	0.3	0.3	140
LOM lon	Lomandra 'longifolia'	Mat Rush	0.3	0.3	140
NER dwa	Nerium 'Dwarf'	Dwarf Oleander	0.3	0.3	140
PHO pur	Phoridium purpureum	Purple flax	0.3	0.3	140
VIB eme	Verbena 'Emerald Gem'	Emerald Gem	0.4	0.4	200
PIT gre	Pittosporum tenuifolium	Green Pillar	2	1	200

BLOCK AREA = 651 sqm
 RESIDENCE FOOTPRINT AREA = 209 sqm
 TOTAL POS AREA = 442 sqm

FRNATE OPEN SPACE IS REQUIRED TO BE RETAINED AS 50% PLANTING AREA = 221 sqm

SOFT LANDSCAPING AREA PROVIDED = 289.0 sqm
 HARD PAVED AREA (INC. DRIVEWAY) = 152.7 sqm

CONCEPT LANDSCAPE PLAN
 Scale 1:50



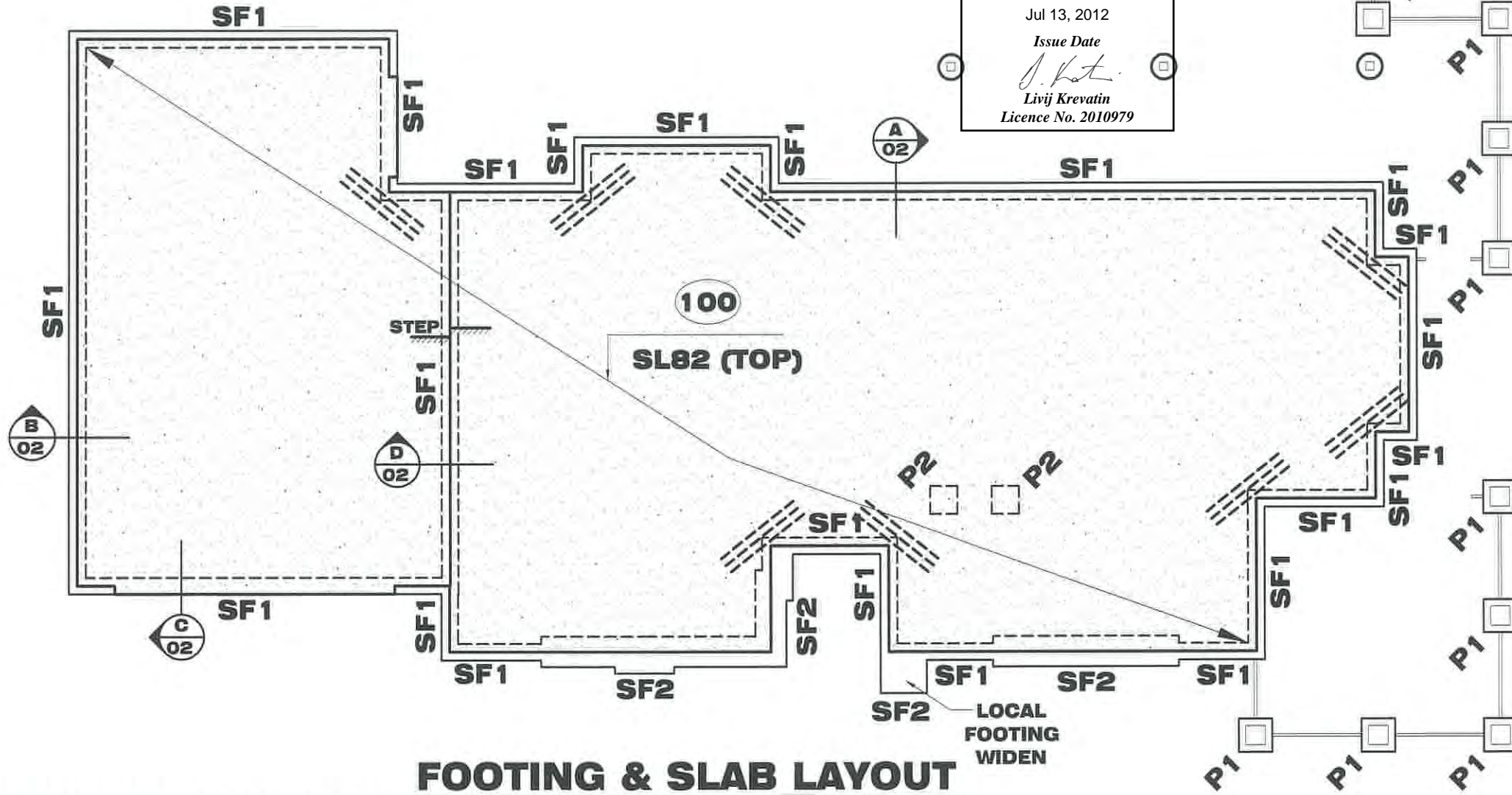
BLOCK	3	DRAWING	CONCEPT LANDSCAPE PLAN	DRAWN	BJ
SECTION	43	REVISION		REVISION	
SUBURB	FORDE	PROJECT	PROPOSED NEW RESIDENCE	ISSUE DATE	11/04/2012
SCALE	1:100 @ A3	CLIENT		PROJ No.	
				DWG No.	DA07

NOTE: IF MORE THAN 400MM FILL UNDER SLAB ADD SL72 BTM + PIERS AT 1800CTS, FOR GARAGE 1500CTS

NOTE: PLEASE SEE S02 FOR FOOTING DETAILS

Select Structure
 BUILDING APPROVAL
 issued under section 28 of the Building Act 2004
 1a(i), 10a and 10b
 BCA Occupancy Class
 N/A
 BCA Construction Type
 16 of 18
 Number of pages
 Jul 13, 2012
 Issue Date
J. Krevatin
 Livij Krevatin
 Licence No. 2010979

Select Structure
 VERIFICATION OF EXEMPT STATUS
 Jul 13, 2012
 Issue Date
J. Krevatin
 Livij Krevatin
 Licence No. 2010979



FOOTING & SLAB LAYOUT

SCALE = 1 : 100

FOOTING/SLAB PLAN

DESIGNED FOR CLASS 'M' CLASSIFICATION.

LEGEND

FOR ALL FOOTING DETAILS REFER TO SECTIONS

- DENOTES ADDITIONAL SL72 (BTM)
- Ø450mm DIA CONCRETE PIERS TO ROCK
- 3N12 OR 3L11TM, 2000mm LONG, TIED TO UNDERSIDE OF SLAB MESH
- DENOTES 300Ø BORED PIERS TO INVERT LEVEL OF PIPE
- P1: 600X600X500 CONCRETE PAD
- P2: 500X500X300 DEEP CONCRETE PAD FOR STEEL COLUMN

- NOTE: REMOVE ALL VEGETATION AND TOP SOIL WITHIN BUILDING ENVELOPE, BEARING STRATA TO BE UNIFORM THROUGHOUT BUILDING PLATFORM**
- NOTE: BUILDER TO ISSUE CSIRO REPORT TO HOME OWNER GUIDE TO HOMEOWNERS ON FOUNDATION MAINTENANCE AND FOOTING PERFORMANCE**
- NOTE: ARTICULATE ALL BRICK WORK & DRAINAGE TO BCA**

NOTE: THE LONG TERM SITE MANAGEMENT & MAINTENANCE OF THIS PROPERTY MUST BE IN ACCORDENCE WITH APPENDIX B OF AS2870-2011. THIS MAINTENANCE IS THE RESPONSIBILITY OF THE HOME OWNER (REFER TO CSIRO BROCHURE - FOUNDATION MAINTENANCE & FOOTING PERFORMANCE: A HOMEOWNER'S GUIDE)

NOTE: BUILDER TO CONFIRM SEWER DOES NOT AFFECT DWELLING BEFORE COMMENCING WORK ONSITE. CONTACT THIS OFFICE IF OTHERWISE

NOTE: BUILDER TO CONFIRM EASEMENT DOES NOT AFFECT DWELLING BEFORE COMMENCING WORK ONSITE. CONTACT THIS OFFICE IF OTHERWISE

STEELWORK NOTES
 ALL STRUCTURAL STEELWORK IS TO BE IN ACCORDANCE WITH THE CURRENT A.S. CODES.
 ALL CIRCULAR PIPES, SQUARE HOLLOW SECTIONS, RECTANGULAR HOLLOW SECTIONS TO BE GRADE 350.
 ALL REMAINING STRUCTURAL STEEL TO BE GRADE 300 EXCEPT PLATES TO BE GRADE 250 U.M.O.
 ALL WELDS (UNLESS OTHERWISE NOTED) TO BE 6MM CONTINUOUS FILLET.
 ALL BUTT WELDS TO BE FULL SIZE OF CONNECTING PARTS.
 ALL STRUCTURAL STEELWORK IS TO BE GIVEN ONE COAT OF ZINC CHROMATE PRIMER BEFORE LEAVING THE WORKSHOP. (IF NOT CONCRETE ENCASED).
 REMOVE ALL MILL SCALE, RUST AND GREASE BEFORE PAINTING.
 ALL CONCRETE ENCASED STEELWORK IS TO BE WRAPPED WITH 3.2MM GAUGE WIRE AT 100MM CENTRES OR EQUIVALENT AND IS TO HAVE A MIN. 60MM COVER ALL AROUND.
 CEMENT WASH ALL CONCRETE ENCASED STEELWORK.
 WHERE BRICK WALLS ABUT OR PASS STANCHIONS WELD OR POWER FASTEN BRICK TIES TO STANCHIONS EVERY 6 BRICK COARSE.
CONCRETE NOTES
 TYPE A CEMENT TO BE USED IN ALL CONCRETE.
 ALL CONCRETE WORK TO BE IN ACCORDANCE WITH THE CURRENT A.S. CODES.
 CONCRETE FC TO BE 20 MPa FOR PIERS, STRIP FOOTINGS AND SLABS ON GROUND, 25MPa FOR REMAINDER U.N.O.
 CONCRETE FILLING TO WALLS TO BE 20MPa WITH 10MM AGGREGATE AND 80MM SLUMP.
 'R' REFERS TO PLAIN ROUND STRUCTURAL GRADE BARS WITH FSY = 230MPa.
 'N' REFERS TO 500PLUS GRADE REINFORCING BARS WITH FSY = 500MPa.
 'FABRIC' REFERS TO ONEMESH HIGH TENSILE WELDED WIRE MESH WITH FSY = 500MPa.
 LAP ALL FABRIC TO MANUFACTURER'S SPECIFICATIONS. STAGGER LAPS IN FABRIC TO PREVENT FOUR THICKNESS OF FABRIC OCCURRING IN EITHER TOP OR BOTTOM REINFORCEMENT.
 CONCRETE COVER TO MAIN REINFORCEMENT TO BE:-
 STRIP FOOTINGS AND FOOTING BEAMS: 65MM
 TOP AND SIDES-50MM, COLUMNS: ALL AROUND 60MM.
 CONCRETE BEAMS: ALL ROUND 40MM
 SLABS ON COMPACTED FILL: TOP-25MM.
 ALL INTERNAL SUSPENDED SLABS AND STAIRS: TOP AND BOTTOM - 20MM (EXPOSURE CLASSIFICATION A1).
 ALL EXTERNAL SUSPENDED SLABS AND STAIRS: TOP AND BOTTOM - 30MM (EXPOSURE CLASSIFICATION A2).
 SLAB THICKNESS DOES NOT INCLUDE FLOOR FINISH.
 ALL CONCRETE TO BE PLACED USING VIBRATORS.
 BRICKWORK SUPPORTING SLABS TO HAVE A DAMP PROOF MEMBRANE BETWEEN THE BRICKWORK AND THE CONCRETE.
 WHERE CONCRETE SLABS ABUT BRICK WALLS PLACE 10MM BITUMINOUS CAULK BETWEEN THE TWO SURFACES. 40MM MAX COMPACTED FILL UNDER SLABS. TO AS.2870 WHERE FILL EXCEEDS 400MM IN DEPTH SEEK ENGINEERING ADVICE FOR PIERS AND SLAB REINFORCEMENT DETAILS.

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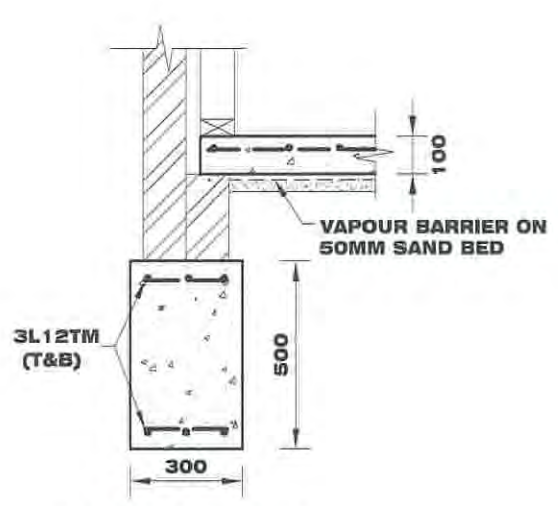
PIERRE DRAGH CONSULTING ENGINEERS
 email: pdragh@gmail.com
 PO BOX 336
 HALL ACT 2618
 Ph: 0438 625 440

CLIENT

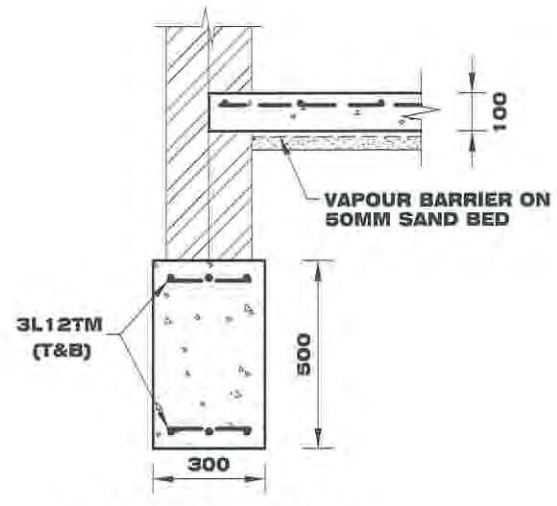
PROJECT
PROPOSED RESIDENCE BLOCK 3 SECTION 43 FORDE

TITLE
FOOTING & SLAB LAYOUT

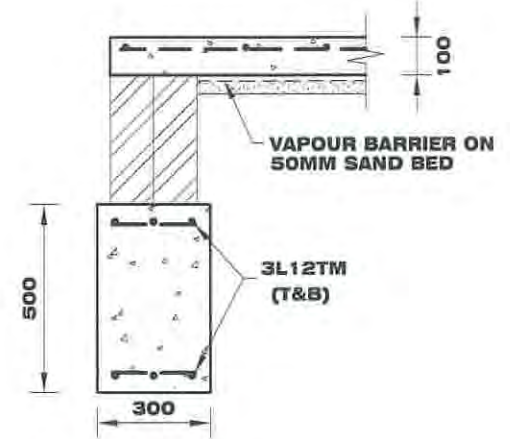
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DRAWN BY AFZAL	JOB NO.
AUTHORISED	DRAWING NO. S01 OF 03
10-07-2012	



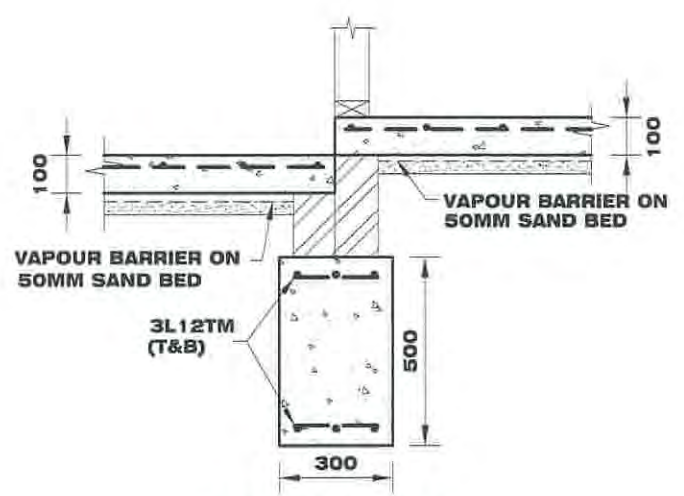
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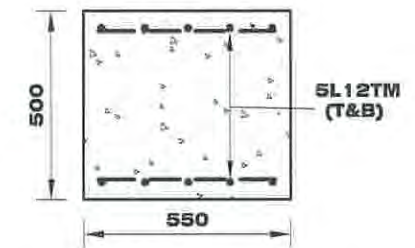
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SCALE = 1:20 01



TYPICAL SF1 SECTION C
SCALE = 1:20 01



TYPICAL SF1 SECTION D
SCALE = 1:20 01



TYPICAL SF2
SCALE = 1:20

Select Structure
building certification & construction advice

BUILDING APPROVAL
issued under section 28 of the Building Act 2004

1a(i), 10a and 10b
BCA Occupancy Class

N/A
BCA Construction Type

16 of 18
Number of pages

Jul 13, 2012
Issue Date

J. Krevatin
Livij Krevatin
Licence No. 2010979

Select Structure
building certification & construction advice

VERIFICATION OF EXEMPT STATUS

Jul 13, 2012
Issue Date

J. Krevatin
Livij Krevatin
Licence No. 2010979

STEELWORK NOTES

ALL STRUCTURAL STEELWORK IS TO BE IN ACCORDANCE WITH THE CURRENT A.S. CODES,
ALL CIRCULAR PIPES, SQUARE HOLLOW SECTIONS, RECTANGULAR HOLLOW SECTIONS TO BE GRADE 350,
ALL REMAINING STRUCTURAL STEEL TO BE GRADE 300 EXCEPT PLATES TO BE GRADE 250 U.N.O.
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R REFERS TO PLAIN ROUND STRUCTURAL GRADE BARS WITH FSU = 230MPa.
N REFERS TO 500PLUS GRADE REINFORCING BARS WITH FSU = 500MPa.
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CONCRETE COVER TO MAIN REINFORCEMENT TO BE:-
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TOP AND SIDES-50MM, COLUMNS: ALL AROUND 50MM,
CONCRETE BEAMS: ALL AROUND 40MM
SLABS ON COMPACTED FILL: TOP-25MM,
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ISSUE	DESCRIPTION	DATE	CHECKED

PIERRE DRAGH CONSULTING ENGINEERS
email: pdragh@gmail.com
PO BOX 336
HALL ACT 2618
Ph: 0438 625 440

CLIENT

[Redacted]

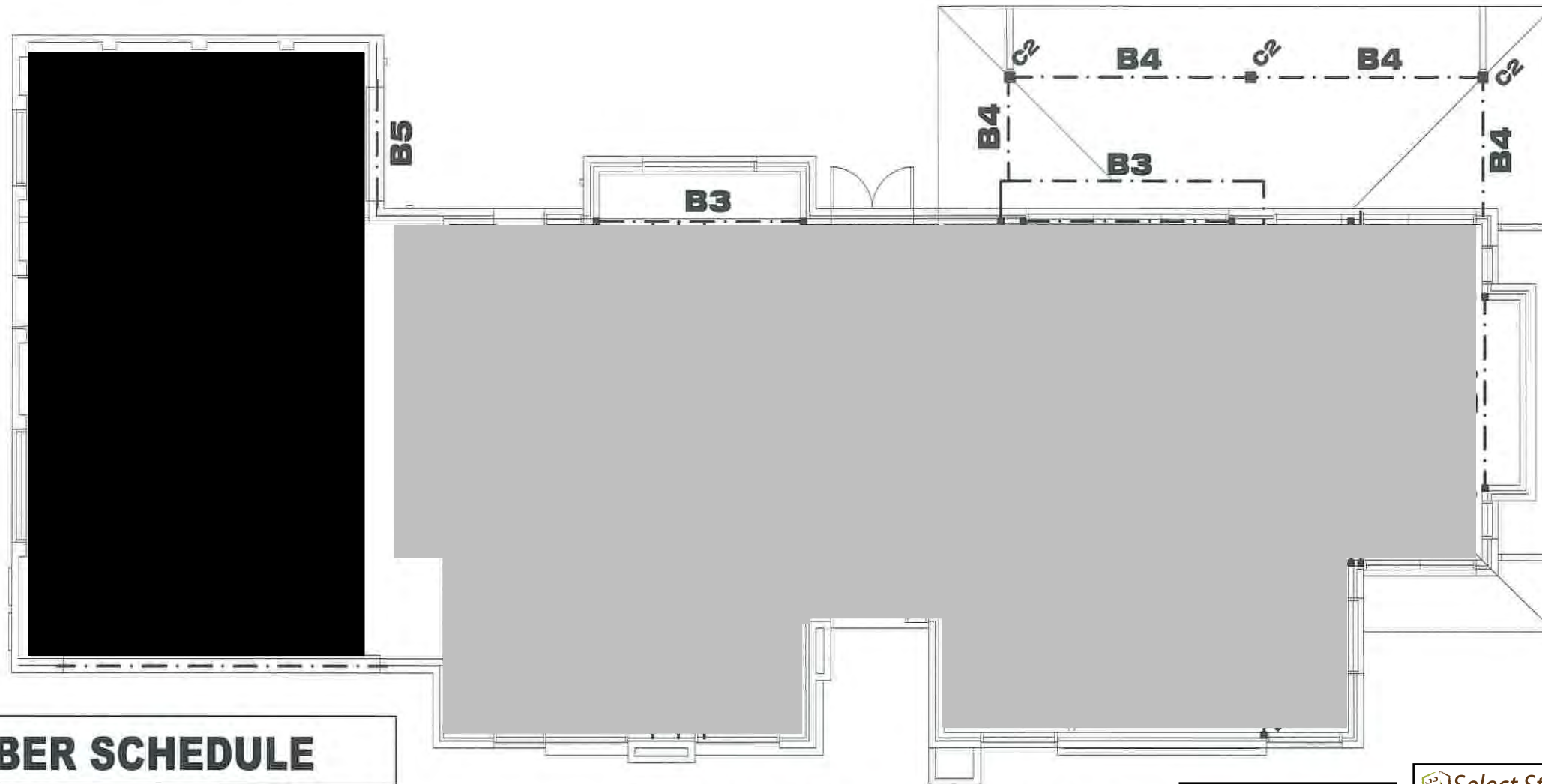
PROJECT

PROPOSED RESIDENCE BLOCK 3 SECTION 43 FORDE

TITLE

FOOTING DETAILS

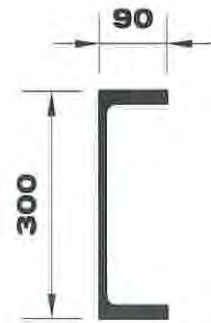
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DRAWN BY AFZAL	JOB NO.
AUTHORISED	DRAWING NO. S02 OF 03
10-07-2012	



MEMBER SCHEDULE		
MARK	SIZE	REMARKS
B1	300 PFC @ JOIST LEVEL	
B2	310 UB 32 @ JOIST LEVEL	
B3	2X300X45 LVL	-
B4	2X200X45 LVL OR 240X45 LVL	
B5	150X200X10	T- SECTION
B6	300X200X10	T- SECTION
C1	89X89X5 SHS	-
C2	150X150 DESIGN PINE ON MS SHOE	
DS	2/90x45	DOUBLE STUD
TS	3/90x45	TRIPLE STUD
J1	JOISTS TO MANUFAC. SPEC.	

JOIST & BEAM LAYOUT

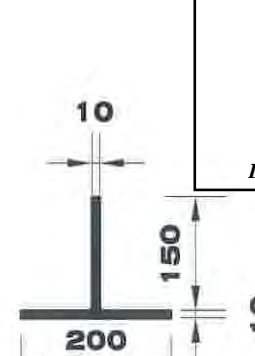
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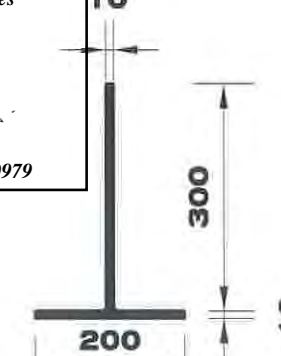
BEAM B1
300 PFC
SCALE 1:10



BEAM B2
310 UB 32
SCALE 1:10



BEAM B5
150X200X10
T section
SCALE 1:10



BEAM B6
250X200X10
T section
SCALE 1:10

Select Structure
Building certification & construction advice

BUILDING APPROVAL
issued under section 28 of the Building Act 2004

1a(i), 10a and 10b
BCA Occupancy Class
N/A
BCA Construction Type

18 of 18
Number of pages
Jul 13, 2012
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Livij Krevatin
Licence No. 2010979

Select Structure

VERIFICATION OF EXEMPT STATUS
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Licence No. 2010979

STEELWORK NOTES
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"R" REFERS TO PLAIN ROUND STRUCTURAL GRADE BARS WITH FSY = 230MPa.
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"FABRIC" REFERS TO ONEMESH HIGH TENSILE WELDED WIRE MESH WITH FSY = 500MPa.
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CONCRETE COVER TO MAIN REINFORCEMENT TO BE:-
STRIP FOOTINGS AND FOOTING BEAMS: 67M-65MM
TOP AND SIDES-60MM, COLUMNS: ALL AROUND 50MM.
CONCRETE BEAMS: ALL ROUND 40MM
SLABS ON COMPACTED FILL: TOP-25MM
ALL INTERNAL SUSPENDED SLABS AND STAIRS: TOP AND BOTTOM - 20MM (EXPOSURE CLASSIFICATION A1).
ALL EXTERNAL SUSPENDED SLABS AND STAIRS: TOP AND BOTTOM - 30MM (EXPOSURE CLASSIFICATION A2).
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ISSUE DESCRIPTION	DATE	CHECKED

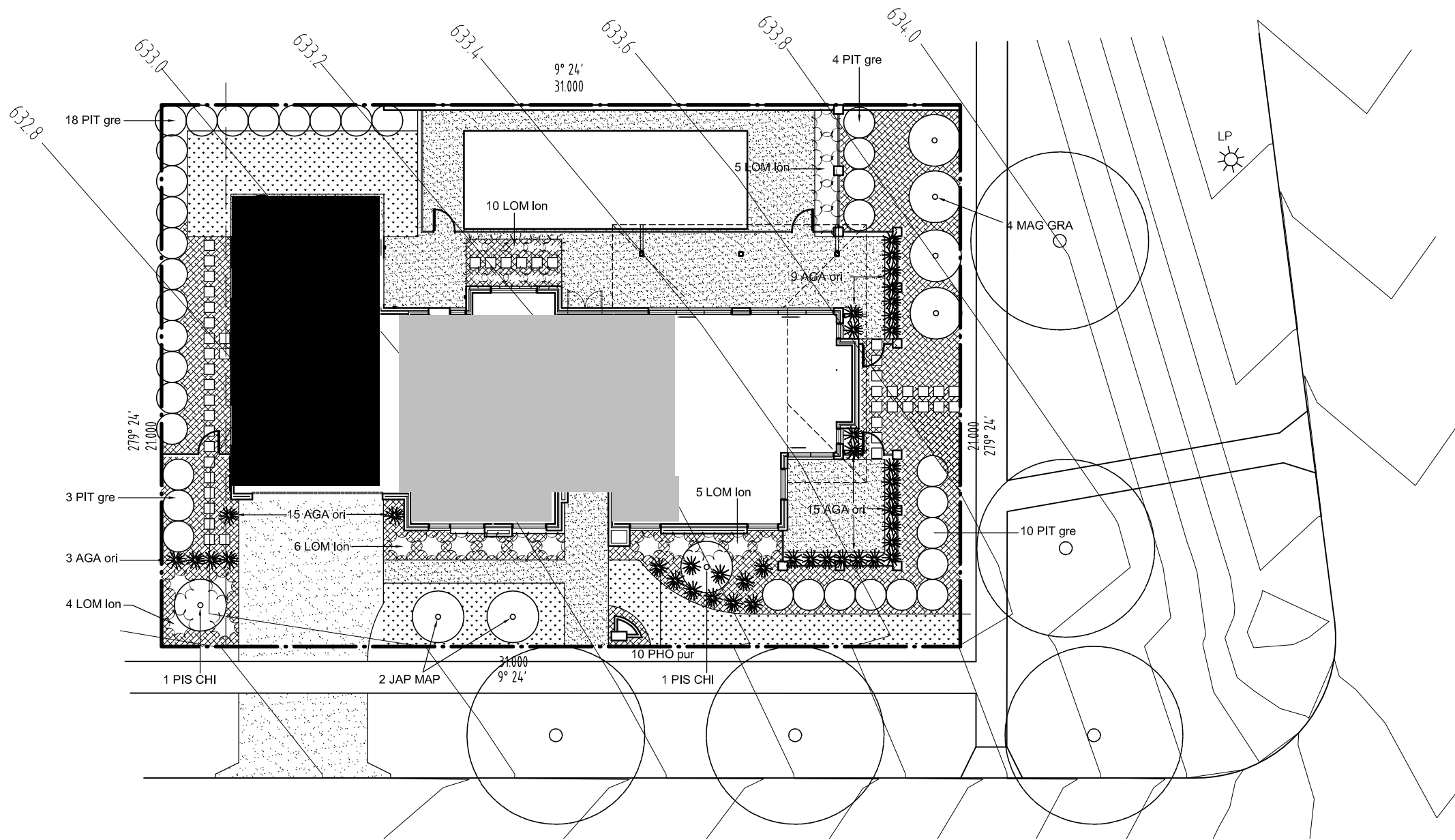
PIERRE DRAGH CONSULTING ENGINEERS
email: pdragh@gmail.com
PO BOX 336
HALL ACT 2618
Ph: 0438 625 440

CLIENT

PROJECT
**PROPOSED RESIDENCE
BLOCK 3 SECTION 43
FORDE**

TITLE
JOIST & BEAM LAYOUT

DESIGNED BY KZ	SCALE AS SHOWN @ A3
DRAWN BY AFZAL	JOB NO.
AUTHORISED	DRAWING NO. S03 OF 03
10-07-2012	



Select Structure
BUILDING APPROVAL
 issued under section 28 of the Building Act 2004
 1a(i), 10a and 10b
BCA Occupancy Class
 N/A
BCA Construction Type
 8 of 18
Number of pages
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Select Structure
VERIFICATION OF EXEMPT STATUS
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LEGEND

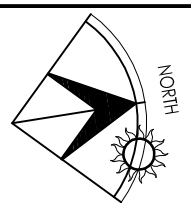
	HARD PAVING SELECTED STYLE CONCRETE
	GRASS
	BARK OR STONY PEBBLES

PLANT SCHEDULE

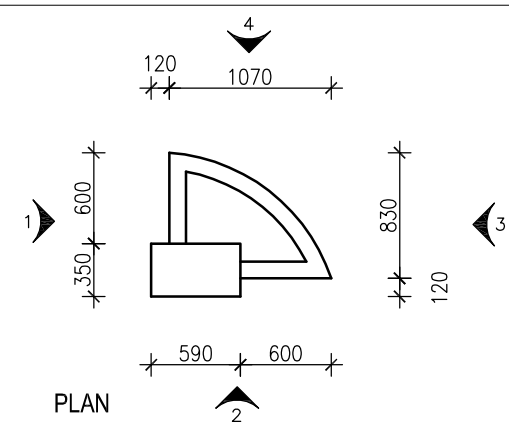
Code	Botanical Name	Common Name	H (m)	W (m)	Pot Size (mm)
TREES					
MAG GRA	Magnolia Grandiflora	Little Gem	4	3	200
PIS CHI	Fistacio Chinensis	Chinese Pistacio	3.5	3	200
JAP MAP	Acer palmatum	Japanese Maplew	3.5	3	200
SHRUBS					
AGA ori	Agapathus Orientalis"blue"	Blue African Lilly	0.3	0.3	140
LOM Ion	Lomandra "Longifolia"	Mat Rush	0.3	0.3	140
NER dwa	Nerium "Dwarf"	Dwarf Oleander	0.3	0.3	140
PHO pur	Phormium perpurea	Purple Flax	0.3	0.3	140
VIB eme	Viburnum "Emerald Gem"	Emerald Gem	0.4	0.4	200
PIT gre	Fittosporum tenuifolium	Green Pillar	2	1	200

BLOCK AREA = 651 sqm
 RESIDENCE FOOTPRINT AREA = 209 sqm
 TOTAL POS AREA = 442 sqm
 PRIVATE OPEN SPACE IS REQUIRED TO BE RETAINED
 AS 50% PLANTING AREA = 221 sqm
 SOFT LANDSCAPING AREA PROVIDED = 289.0 sqm
 HARD PAVED AREA (INC. DRIVEWAY) = 152.7 sqm

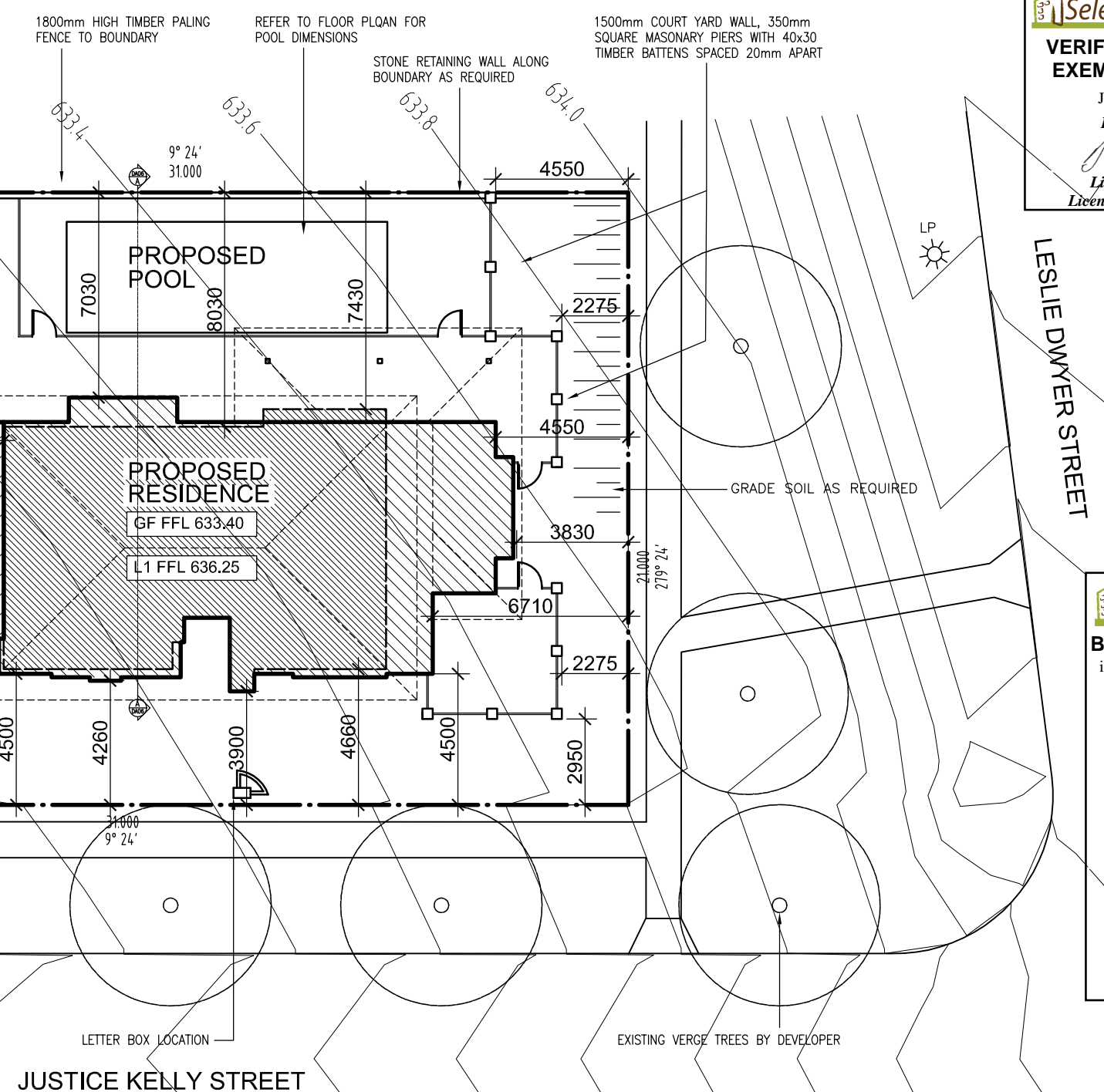
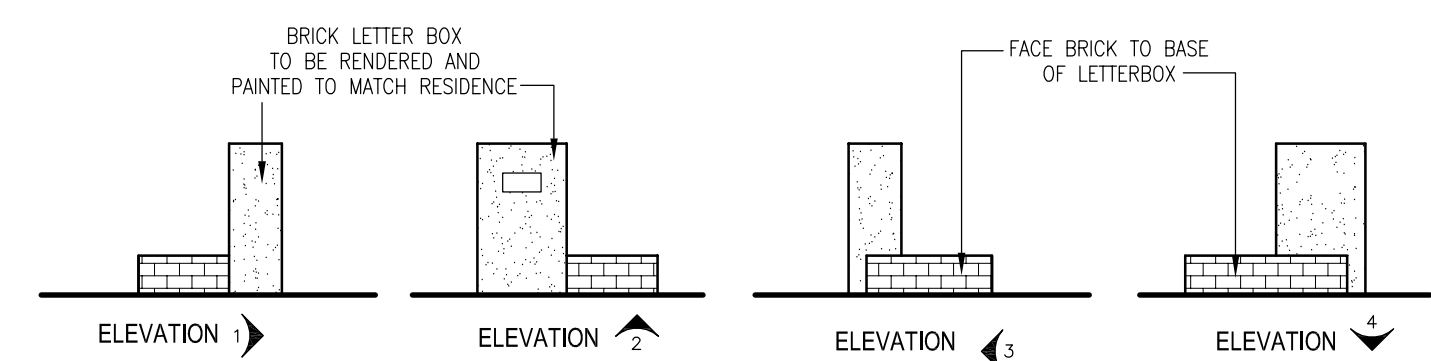
CONCEPT LANDSCAPE PLAN
 Scale 1:50



BLOCK	3	DRAWING	CONCEPT LANDSCAPE PLAN	DRAWN	RJ
SECTION	43	PROJECT	PROPOSED NEW RESIDENCE	REVISION	
SUBURB	FORDE	CLIENT		REVISION DATE	
SCALE	1:100 @ A3			PRINT DATE	11/06/2012
				PROJ No.	
				DWG No	DA07



LETTER BOX DETAIL
Scale 1:50



SITE PLAN
Scale 1:200

Select Structure
VERIFICATION OF EXEMPT STATUS
Jul 12, 2012
Issue Date
J. Krevatin
Licence No. 2010979

Select Structure
BUILDING APPROVAL
issued under section 28 of the Building Act 2004
1a(i), 10a and 10b
BCA Occupancy Class
N/A
BCA Construction Type
1 of 18
Number of pages
Jul 13, 2012
Issue Date
J. Krevatin
Licence No. 2010979

water_reduction_spreadsheet-3 of 43 Forde.qld 11/08/2012

This spreadsheet is an online tool for individuals, designers and developers to gauge possible methods of reducing mains water consumption on detached dwellings. Please enter ALL the relevant information for your dwelling before using the reduction percentage.

Percentage Reduction =	42%
Indoor information	
Number of bedrooms in the house	4
What is the water rating of the shower head?	5 Star
What is the water rating of the clothes washing machine?	5 Star
What is the water rating of the dishwasher?	4 Star
What is the water rating of the toilet?	5 Star
Site information	
Site area (m ²)?	651
Roof area (including house and garage or carport) (m ²)?	267
Rain water tank information	
Is there going to be a water tank installed?	Yes
What is the size of the tank (L)?	4000
What is the approx. roof area flowing into the tank (m ²)?	64
What will be the use for the water in the tank?	Garder, Toilet and Laundry
Grey Water information	
What type of grey water system is installed?	None
What is the size of the grey water storage tank (L)?	0
Where will the grey water be collected from?	
What will be the use for the grey water?	
Pool, Spa or Pond information	
Is there going to be a pool, spa, or pond?	Pool
Is there going to be a cover on the pool or spa?	Yes
Average depth of the pool, spa or pond (m)?	1.5
Average length of the pool, spa or pond (m)?	11
Average width of the pool, spa or pond (m)?	3.8
The volume of the pool, spa or pond is (L)	62,700

BUILDING ENERGY RATING SCHEME

BLOCK 03 SECTION 43
SUBURB FORDE POSTCODE 2914
CLIMATE ZONE 24

★ ★ ★ ★ ★ ★ 6 STAR RATING

AREA ADJUSTMENT 0.99 COOLING 23.8 HEATING 125.2 TOTAL 149.0

I AM A FULLY TRAINED AND REGISTERED BERS PRO ENERGY ASSESSOR
I CERTIFY THAT THIS IS AN ACCURATE ASSESSMENT OF THE BUILDING
THIS ENERGY ASSESSMENT IS BASED ON THESE STAMPED DRAWINGS

ASSESSOR Glen Dowse SIGNATURE *Glen Dowse* DATE 13.06.2012

SITE AREA= 651m²

GROUND FLOOR LIVING AREA=141.6m²
GARAGE/STORAGE AREA=67.4m²
UPPER FLOOR LIVING AREA=95.7m²

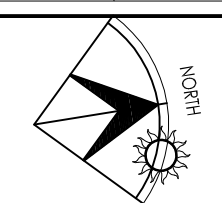
TOTAL= 304.7m²

BLOCK AREA = 651 sqm
RESIDENCE FOOTPRINT AREA = 209 sqm
TOTAL POS AREA = 442 sqm

PRIVATE OPEN SPACE IS REQUIRED TO BE RETAINED AS 50% PLANTING AREA = 221 sqm

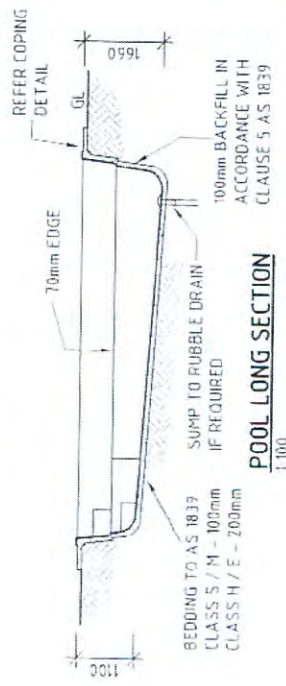
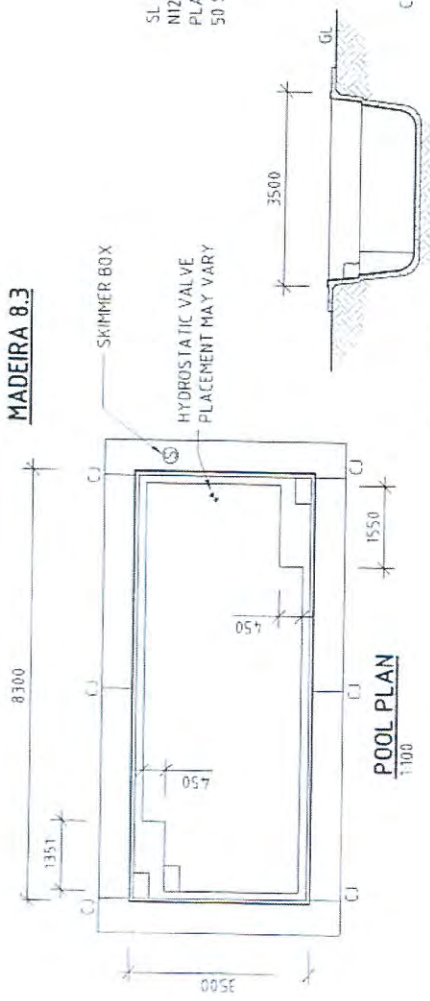
SOFT LANDSCAPING AREA PROVIDED = 289.0 sqm
HARD PAVED AREA (INC. DRIVEWAY) = 152.7 sqm

REFER TO LANDSCAPE PLAN

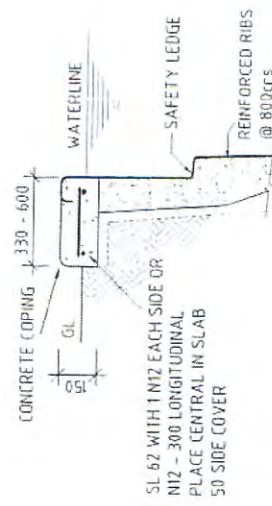


BLOCK	3	DRAWING	SITE PLAN	DRAWN	RJ
SECTION	43	PROJECT	PROPOSED NEW RESIDENCE	REVISION	
SUBURB	FORDE	CLIENT		REVISION DATE	
SCALE	1:100 @ A3			PRINT DATE	13/06/2012
				PROJ No.	
				DWG No	DA01

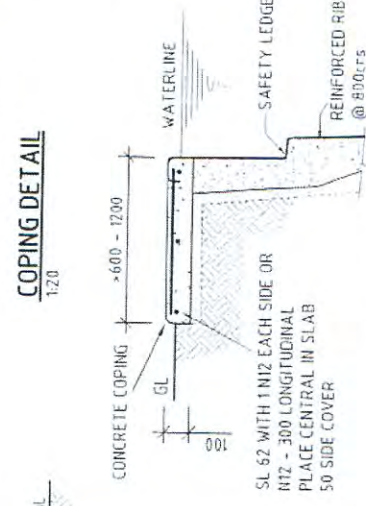
MADEIRA 8.3



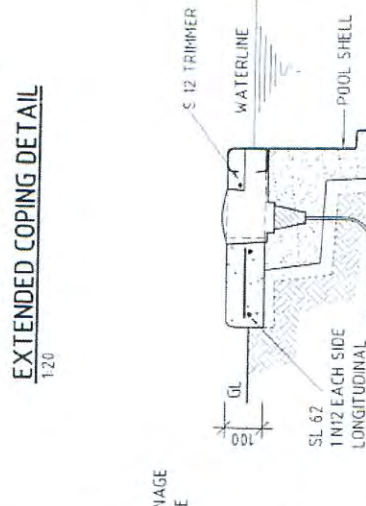
CROSS SECTION 1:100



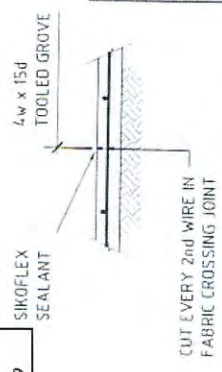
COPING DETAIL 1:20



EXTENDED COPING DETAIL 1:20

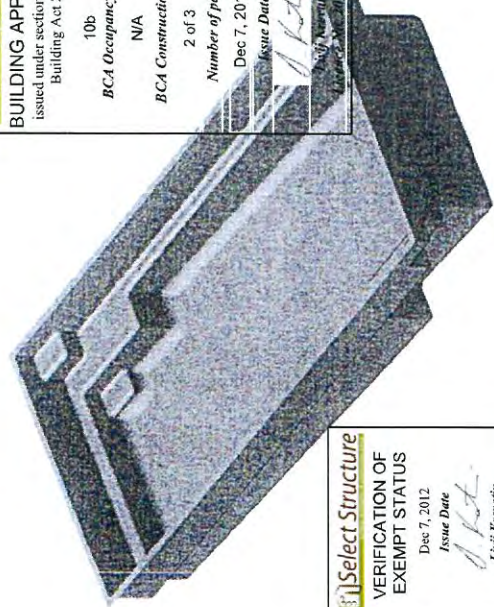


STANDPIPE DETAIL 1:20



Select Structure
 VERIFICATION OF EXEMPT STATUS
 Dec 7, 2012
 Issue Date
 Livi Kravain
 Licence No. 2010979

Select Structure
 BUILDING APPROVAL
 issued under section 28 of the Building Act 2004
 10b
 BCA Occupancy Class
 N/A
 BCA Construction Type
 2 of 3
 Number of pages
 Dec 7, 2012
 Issue Date
 Livi Kravain
 Licence No. 2010979



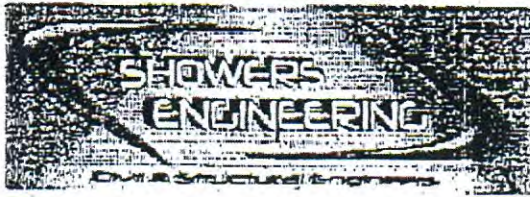
MADEIRA 8.3

- CONSTRUCTION AND INSTALLATION OF THE POOL IS TO COMPLY WITH AS/NZS 1839 & 1839 CODES FOR PRE-MOLDED POOLS AND THE REQUIREMENTS OF ALL RELEVANT STATUTORY AUTHORITIES
- THE REQUIRED FOUNDATION SAFE BEARING PRESSURE TO BE AT LEAST 90kPa. 'A'-E SITES REACTIVITY RANGE PER AS 2870
- PROVIDE A NOMINAL 100 THICK (200 THICK H & E SITES) BEDDING LAYER OF NON-COHESIVE PERMEABLE MATERIAL MAXIMUM SIZE 8mm THE GRANULAR BASE SHALL BE SCAFFLED AND THOROUGHLY COMPACTED TO PROVIDE UNIFORM SUPPORT FOR THE SHELL BASE
- PLACE A GRAVEL PIT IN THE SUB-FLOOR SECTION BENEATH THE HYDROSTATIC VALVE
- PROVIDE A MIN 90φ UPVC STANDPIPE WITH A TEE CONNECTION TO THE 65φ UPVC PROVIDE A SUBSOIL PERIMETER DRAIN
- WHEN HANDLING THE POOL, PLACING IN THE EXCAVATION AND LEVELLING UP, LIFT AND HANDLE POOL WITH A CENTRE SPREADER BAR
- PROVIDE A 100mm THICK (200mm THICK H & E SITES) APPROVED BACKFILL LAYER OF NON-COHESIVE GRADED MATERIAL OF MAX SIZE 12mm, PRE-BLENDED WITH CEMENT
- THE CONCRETE COPING TO BE SUPPORTED ON NATURAL GROUND OR STABILISED FILL MATERIAL IN ACCORDANCE WITH AS/NZS 1839 AND/OR PIERED DOWN TO NATURAL GROUND WITH MINIMUM 150mm φ CONCRETE PIERS AT 1.2m CENTRES
- THE FIBREGLASS SHELL SHALL BE LAID UP WITH A NOMINAL RESIN TO GLASS RATIO OF 19:1 TO A THICKNESS OF 5mm OVER 90% OF THE POOL NO AREA IS TO BE LESS THAN 4mm AND THE COPING NO LESS THAN 8mm
- RIBBING IS TO COMPRISE OF A CORE SECTION NOT LESS THAN 3mm WITH A COVERING LAYER OF FIBREGLASS AND RESIN TO A NOMINAL GLASS TO RESIN RATIO OF 19:1 TO A MINIMUM THICKNESS OF 1.5mm COVERING THE RIB SECTION THE OVERALL THICKNESS OF RIB SECTION NOT LESS THAN 7mm
- CONCRETE STRENGTH MINIMUM 20MPa AT 60mm SLUMP MAXIMUM 20mm AGGREGATE
- FILTER TO BE CONNECTED TO SKIMMER BOX AT WATER RETURN PORTS WITH MINIMUM RETURN DIAMETER 40mm UPVC PIPES & FITTINGS
- POOL EMPTYING NOTES:
 THE POOL OWNER IS TO NOTIFY THE MANUFACTURER BEFORE ATTEMPTING TO EMPTY OR PARTLY EMPTY POOL WATER BELOW THE SKIMMER BOX. NO RESPONSIBILITY FOR DAMAGE TO THE POOL WILL BE ACCEPTED BY THE MANUFACTURER, THE MANUFACTURER'S AGENT OR THE ENGINEER

ENSURE ALL DIG DEPTHS AND LEVELS ARE CORRECT TO MAINTAIN THE REQUIRED POOL FINISH HEIGHT IF THE HOLE HAS BEEN DUG TOO DEEP YOU MAY CORRECT THIS WITH BEDDING MATERIAL
 "WHERE OVER-EXCAVATION OCCURS UNDER THE POOL, THE ADDITIONAL BASE FILL SHALL BE STABILISED AND THOROUGHLY COMPACTED PRIOR TO THE INSTALLATION OF THE BEDDING MATERIAL"
 NOTES:
 - THIS DRAWING HAS A CURRENT VALIDITY OF NO MORE THAN SIX (6) YEARS FROM THE MOST RECENT REVISED ISSUE
 - ALL APPROVED DRAWINGS FOR CERTIFICATION MUST BEAR ORIGINAL BLUE SIGNATURE BY SHOWERS ENGINEERING PTY LTD
 THIS DRAWING MUST BE READ IN CONJUNCTION WITH THE RELEVANT SITE PLANS
 - EXTERNAL POOL DIMENSIONS ARE COPING TO COPING

SHOWERS ENGINEERING
 CIVIL & STRUCTURAL ENGINEERS
 Designers: LEVEL 3 PO BOX 390 ROBINIA QLD 4026 AUSTRALIA
 Inspectors: 2 BOSTON COURT QLD 4026 AUSTRALIA
 E-MAIL: showers@showers.com.au PHONE: 07 5578 8088
 FAX: 07 5578 9429

REVISION	DATE	ISSUE TO	TITLE
A	30.05.09	CLIENT	STRUCTURAL DETAILS & SPECIFICATIONS FOR CONSTRUCTION
B	31.10.08	CLIENT	
DATE	AUG '08	DRAWN	CLIENT
DESIGNED	RJS	SAO/BPC	ARELLANO POOL PTY LTD 100 WINDMILL ROAD 2 BALALBA QLD MARILLAN QLD 4817 2807 4181 P.O. BOX 15 MARILLAN QLD 4817 2807 4183 www.arellanopools.com.au
SIGNED	[Signature]	AS SHOWN	DRAWING NO 0824-7.5 - SE 17 - "MADEIRA 8.3"
P.J. Shorters 0755788088			REV A



Designs Inspections Reports

Level 3 - 2 Boston Court
Varsity Lakes QLD 4227

ALL CORRESPONDENCE TO
PO BOX 690 ROBINA, QLD. 4226

PH (07) 5578 8088
FAX (07) 5578 9429

Select Structure
BUILDING APPROVAL
 issued under section 28 of the
 Building Act 2004

10b
 BCA Occupancy Class

N/A
 BCA Construction Type

3 of 3
 Number of pages

Dec 7, 2012
 Issue Date

J. Krevatin
 Livij Krevatin
 Licence No. 2010979

Select Structure
VERIFICATION OF EXEMPT STATUS

Dec 7, 2012
 Issue Date

J. Krevatin
 Livij Krevatin
 Licence No. 2010979

26 March 2009
09350

Narrellan Pools Riverina
86 Hammond Avenue
Wagga Wagga
NSW 2650

NARELLAN POOL INSTALLATIONS - USE OF MESH IN BOND BEAMS

The bond beams to these pool installations may use trench mesh L11TM3 in lieu of SL 62. Where trench mesh is used the bond beam will not require an S12 bar on each side, that is the pool side and the outside.

Signed

R.J. Showers
Dip. C.E. MIE Aust RPEQ 1547