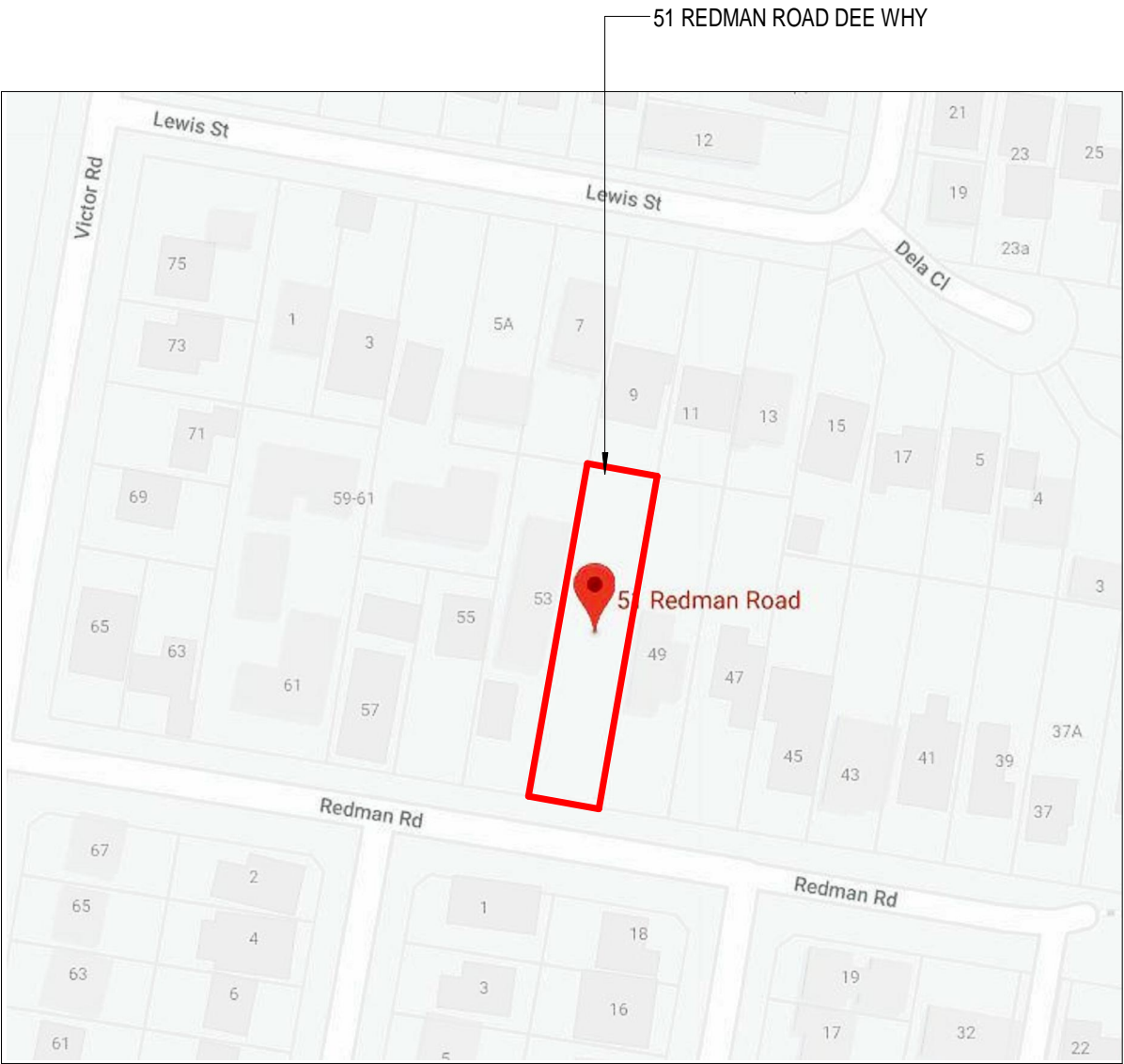


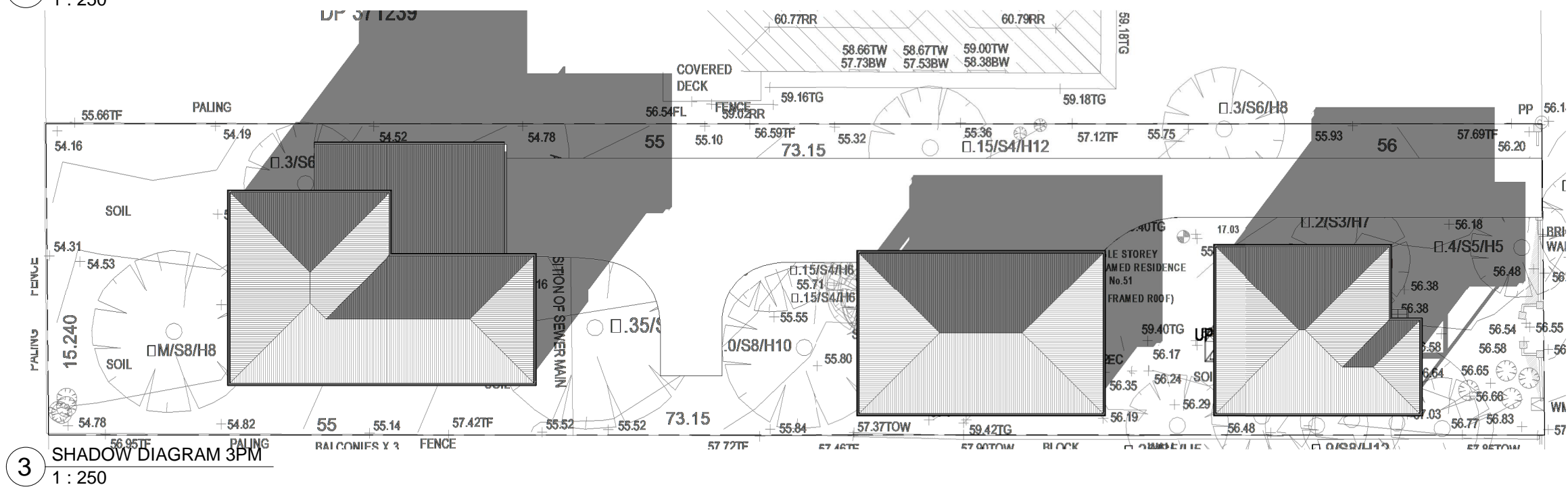
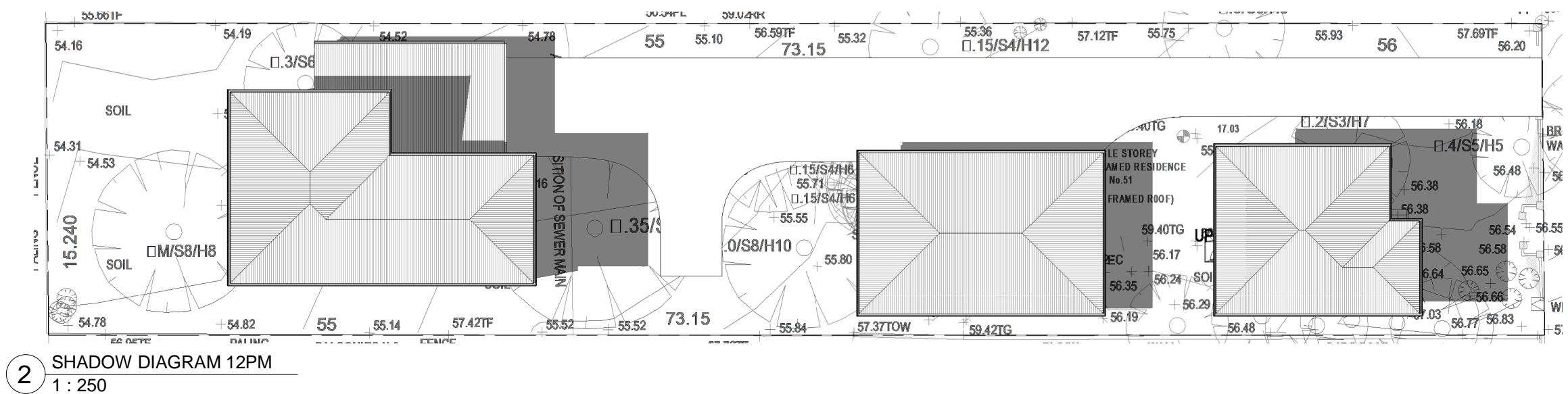
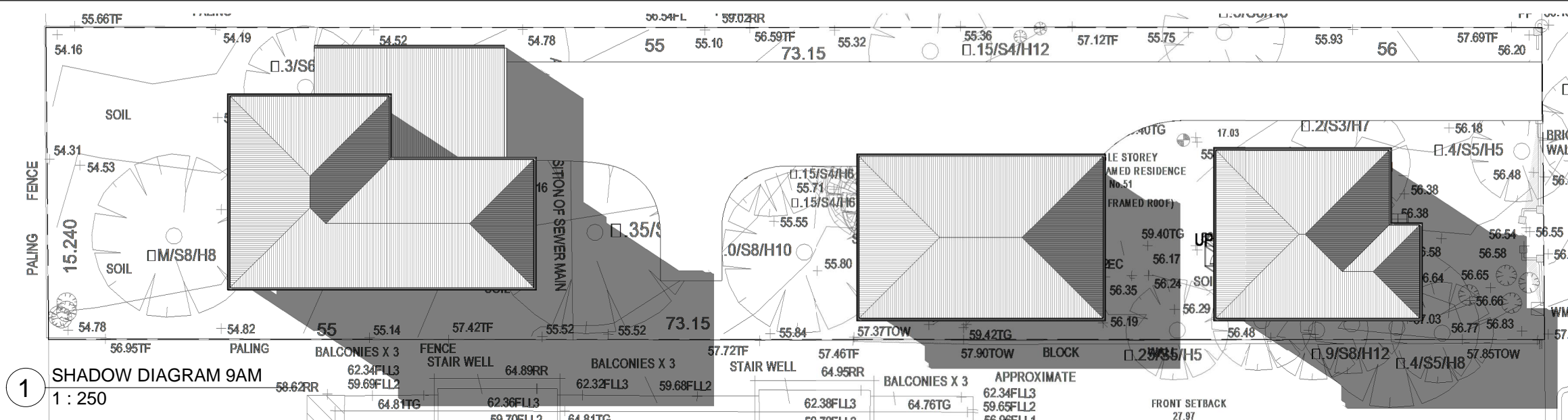
PROJECT: NEW DWELLING  
ADDRESS: 51 REDMAN ROAD, DEE WHY NSW 2099

LOT #: D  
DP #: 420004

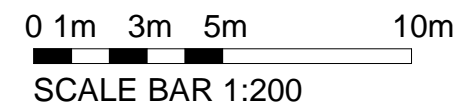
DRAWING REVISION SCHEDULE		
No.	AMENDMENTS	DATE
A	FIRST ISSUE	03/04/2019
B	ADJUST LOCATION OF GARAGE; ADJUST GRANNY FLAT LOCATION; CHANGED CEILING HEIGHTS; CHANGES TO GRANNY FLAT DESIGN.	08/04/2019
C	CHANGES TO DRIVEWAY, GRANNY FLAT LAUNDRY, GARAGE ROOF, KITCHEN, STAIRS.	27/05/2019
D	ADJUST SIZE OF DETACHED GARAGE	07/06/2019
E	UPDATE TO FULL SET DA ISSUE	28/06/2019

DRAWING LIST			
DRAWING No	DRAWING NAME	REVISION	DATE
A01	COVER SHEET	E	28/06/2019
A02	SHADOW DIAGRAM	E	28/06/2019
A03	SITE PLAN	E	28/06/2019
A04	GRANNY FLAT	E	28/06/2019
A05	ELEVATIONS (GRANNY FLAT)	E	28/06/2019
A06	WORKSHOP	E	28/06/2019
A07	ELEVATIONS (WORKSHOP)	E	28/06/2019
A08	GROUND FLOOR (MAIN HOUSE)	E	28/06/2019
A09	FIRST FLOOR (MAIN HOUSE)	E	28/06/2019
A10	ELEVATIONS (MAIN HOUSE)	E	28/06/2019
A11	ELEVATIONS (MAIN HOUSE)	E	28/06/2019
A12	SECTIONS (MAIN HOUSE)	E	28/06/2019
A13	EXISTING SURVEY	E	28/06/2019
A14	EROSION & SEDIMENT	E	28/06/2019
A15	WASTE MANAGEMENT	E	28/06/2019
A16	SITE ANALYSIS	E	28/06/2019
A17	LANDSCAPE PLAN	E	28/06/2019
A18	DEMOLITION PLAN	E	28/06/2019
A19	BASIX COMMITMENT	E	28/06/2019





DRAWING REVISION SCHEDULE		
No.	AMENDMENTS	DATE
A	FIRST ISSUE	03/04/2019
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D	ADJUST SIZE OF DETACHED GARAGE	07/06/2019
E	UPDATE TO FULL SET DA ISSUE	28/06/2019

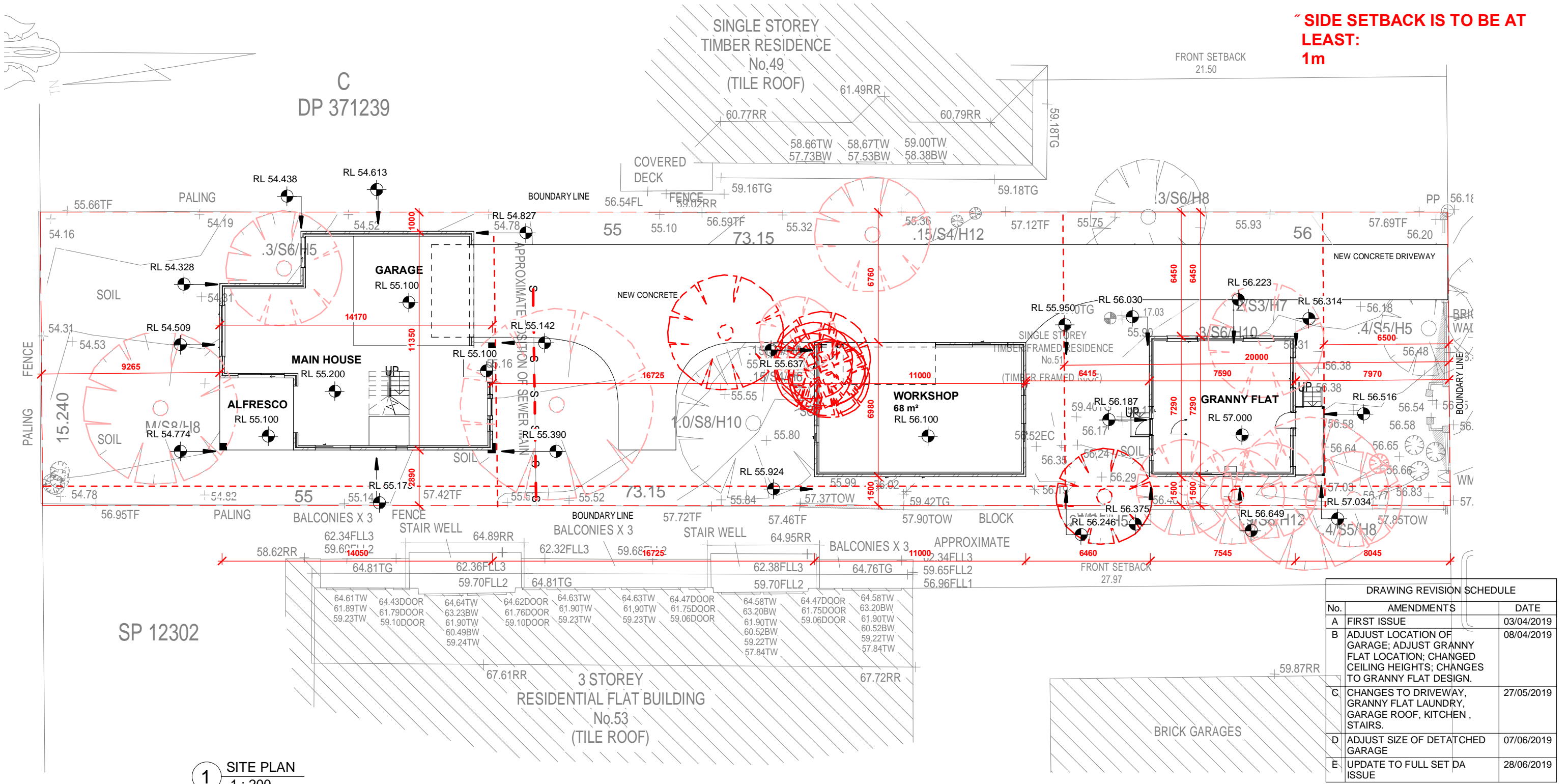




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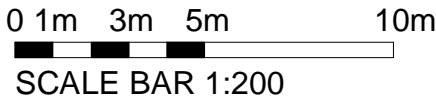
**~ FRONT SETBACK IS TO BE AT LEAST: 6.5m**

**~ SIDE SETBACK IS TO BE AT LEAST: 1m**



DRAWING REVISION SCHEDULE		
No.	AMENDMENTS	DATE
A	FIRST ISSUE	03/04/2019
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E	UPDATE TO FULL SET DA ISSUE	28/06/2019

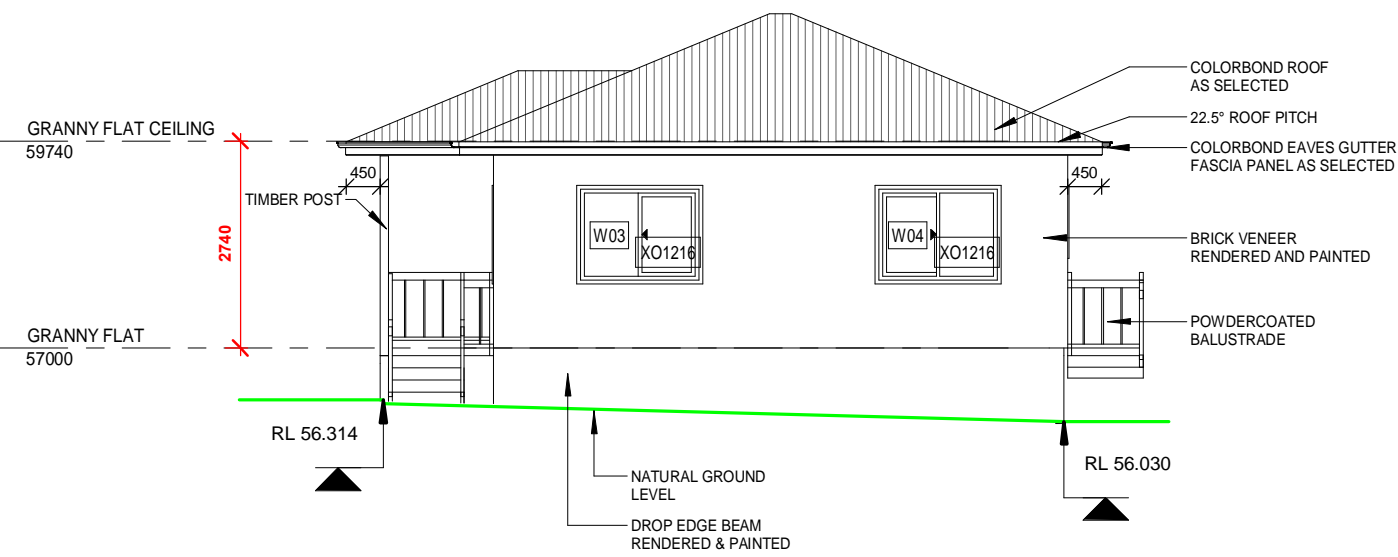
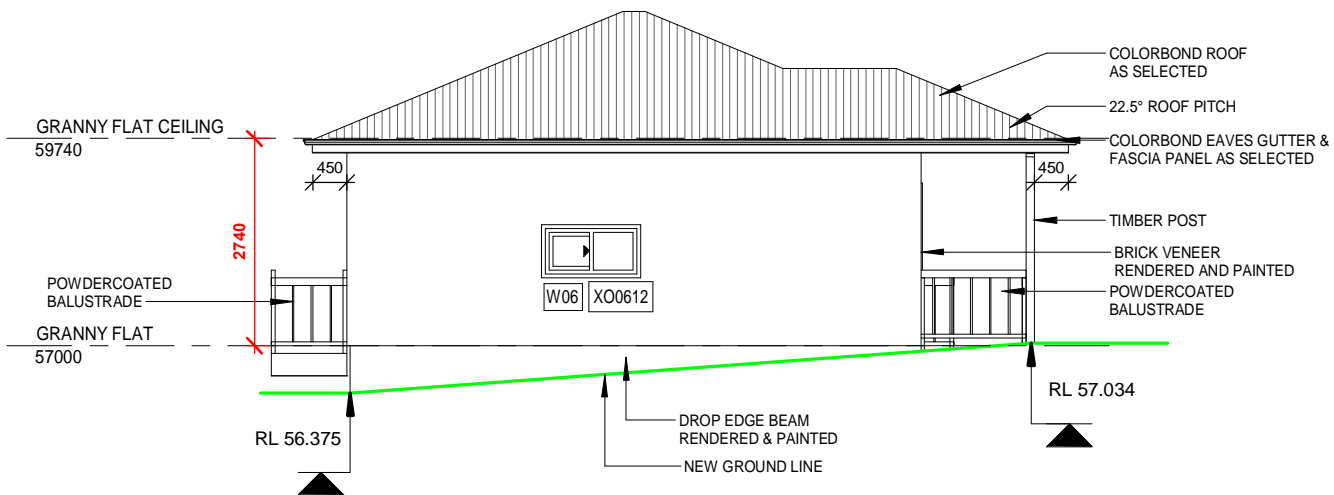
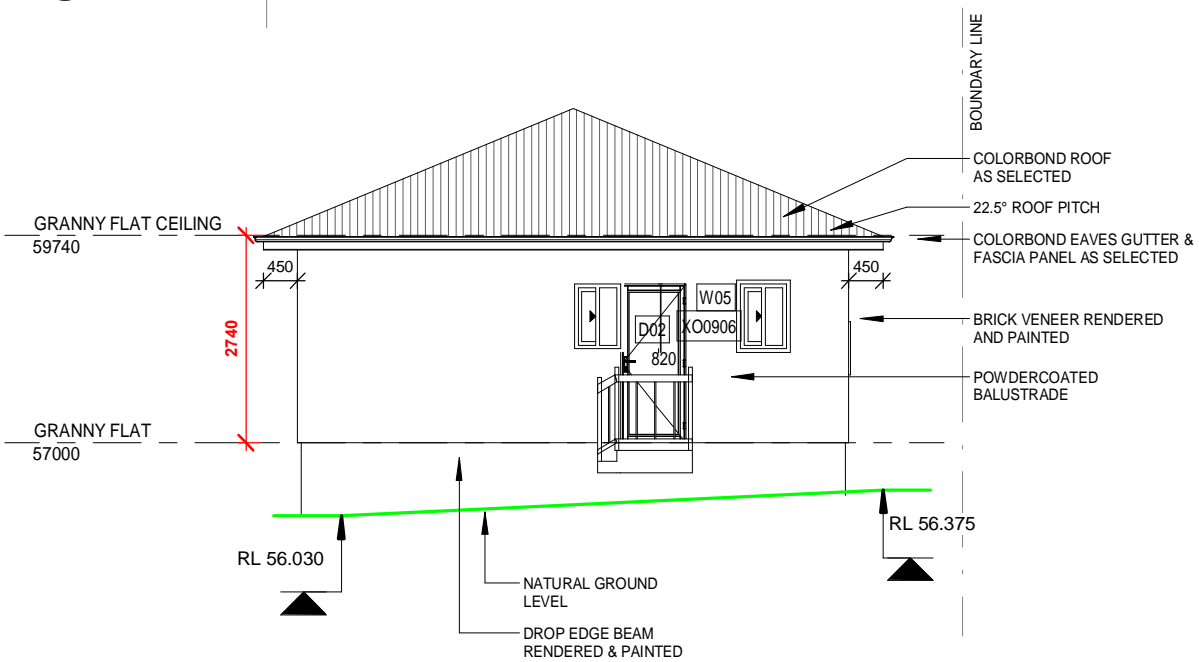
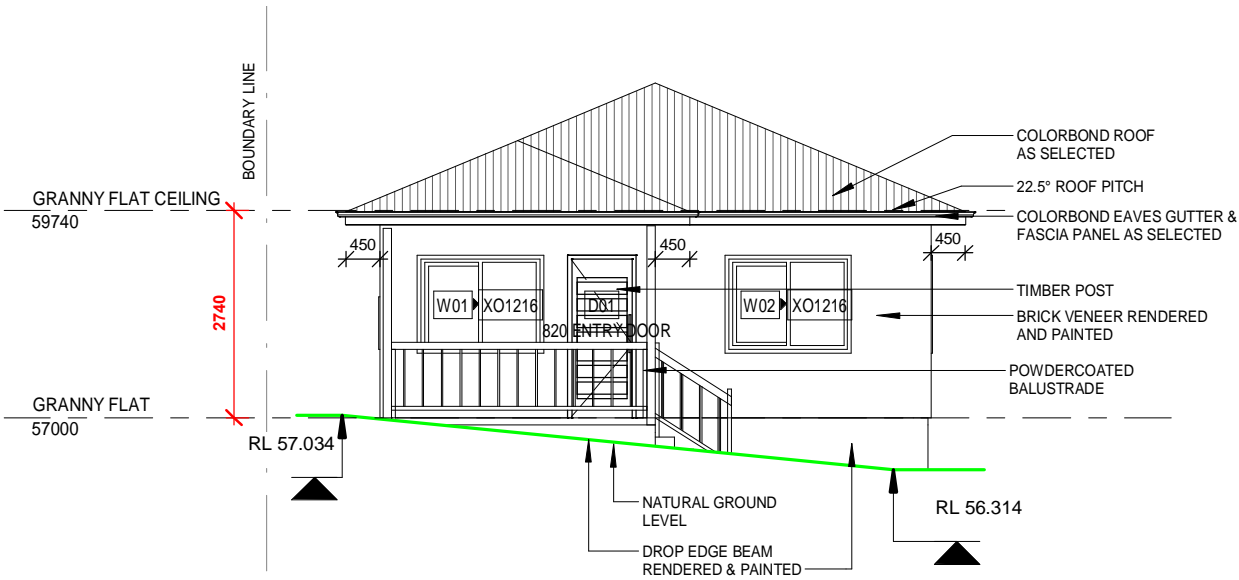
1 SITE PLAN  
1 : 200



PROPOSED FLOOR SPACES		
NAME	AREA	%

ALFRESCO	14 m <sup>2</sup>	4%
FIRST FLOOR	90 m <sup>2</sup>	25%
GARAGE	115 m <sup>2</sup>	33%
GRANNY FLAT	51 m <sup>2</sup>	15%
MAIN HOUSE	81 m <sup>2</sup>	23%
PORCH	2 m <sup>2</sup>	1%
TOTAL AREAS:	354 m <sup>2</sup>	100%

REFER TO COLOUR SELECTION FOR BATHROOM  
AND LAUNDRY FINAL LAYOUT & FINISHES



PROPOSED FLOOR SPACES		
NAME	AREA	%
ALFRESCO	14 m <sup>2</sup>	4%
FIRST FLOOR	90 m <sup>2</sup>	25%
GARAGE	115 m <sup>2</sup>	33%
GRANNY FLAT	51 m <sup>2</sup>	15%
MAIN HOUSE	81 m <sup>2</sup>	23%
PORCH	2 m <sup>2</sup>	1%
TOTAL AREAS:		354 m <sup>2</sup> 100%

DOOR SCHEDULE		
Code	Width	Height
D01	820	2100
D02	870	2100
D03	820	2100
D04	1200	2100
D05	1570	2100
D06	2410	2100
D07	2410	2100
D08	790	2100
WINDOW SCHEDULE		
Code	Width	Height

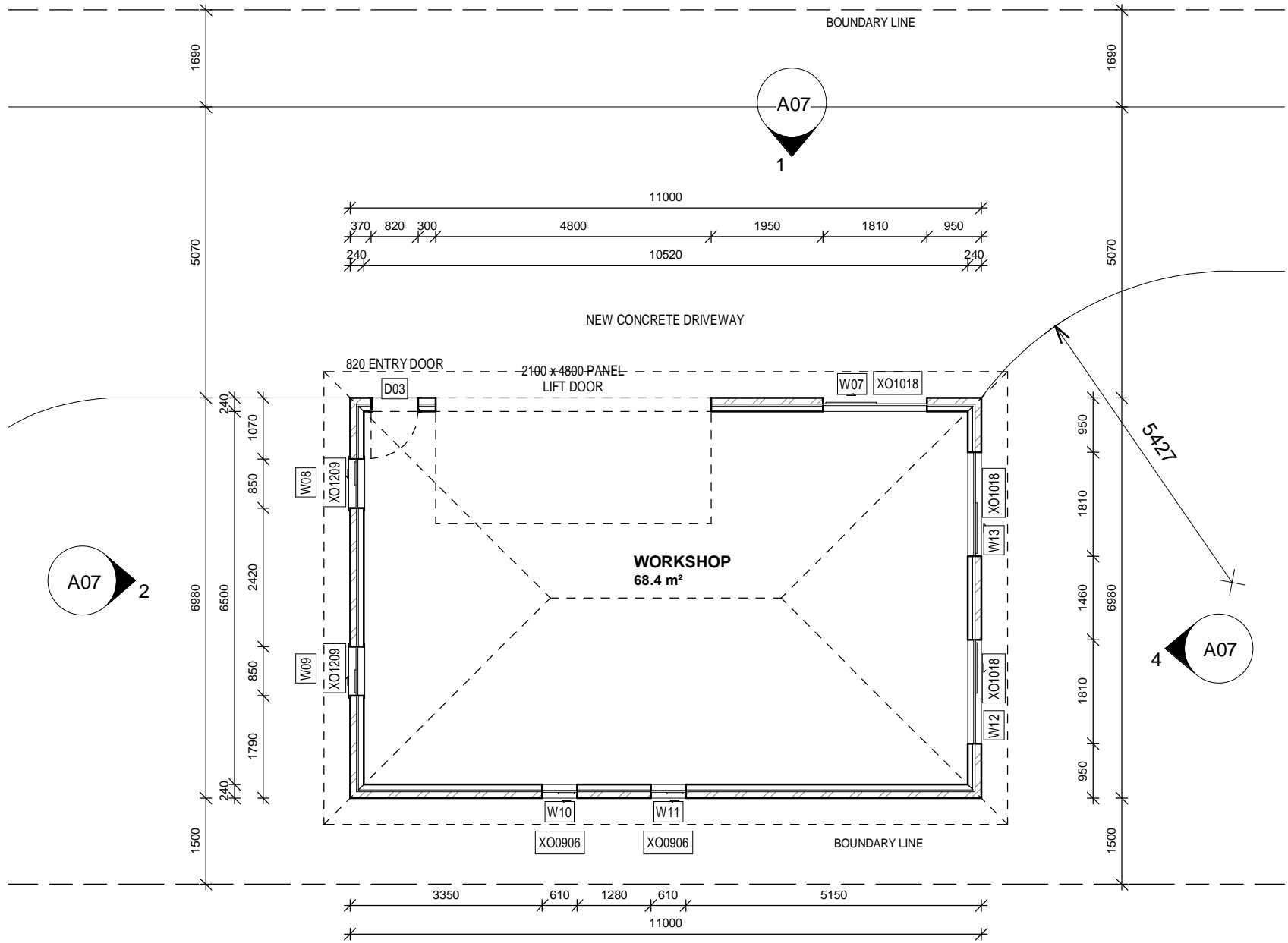
W01	1570	1200
W02	1570	1200
W03	1570	1200
W04	1570	1200
W05	610	860
W06	1210	600
W07	1810	1030
W08	850	1200
W09	850	1200
W10	610	860
W11	610	860
W12	1810	1030
W13	1810	1030
W14	610	1460
W15	900	1460
W16	610	1460
W17	2650	1460
W18	1810	600
W19	610	860
W20	610	1460
W21	922	1500
W22	610	1460
W23	1200	900
W24	1810	860
W25	1810	860
W26	610	600
W27	610	600
W28	610	600
W29	1810	600
W30	1810	1030
W31	1810	1030
W32	1810	1030
W33	1810	600
W34	1810	1030
W35	610	860

DRAWING REVISION SCHEDULE		
No.	AMENDMENTS	DATE
A	FIRST ISSUE	03/04/2019
B	ADJUST LOCATION OF GARAGE; ADJUST GRANNY FLAT LOCATION; CHANGED CEILING HEIGHTS; CHANGES TO GRANNY FLAT DESIGN.	08/04/2019
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E	UPDATE TO FULL SET DA ISSUE	28/06/2019



REFER TO COLOUR SELECTION FOR BATHROOM  
AND LAUNDRY FINAL LAYOUT & FINISHES

Lot D  
DP 420004  
1114.7m<sup>2</sup>



DOOR SCHEDULE		
Code	Width	Height
D01	820	2100
D02	870	2100
D03	820	2100
D04	1200	2100
D05	1570	2100
D06	2410	2100
D07	2410	2100
D08	790	2100
WINDOW SCHEDULE		
Code	Width	Height

W01	1570	1200
W02	1570	1200
W03	1570	1200
W04	1570	1200
W05	610	860
W06	1210	600
W07	1810	1030
W08	850	1200
W09	850	1200
W10	610	860
W11	610	860
W12	1810	1030
W13	1810	1030
W14	610	1460
W15	900	1460
W16	610	1460
W17	2650	1460
W18	1810	600
W19	610	860
W20	610	1460
W21	922	1500
W22	610	1460
W23	1200	900
W24	1810	860
W25	1810	860
W26	610	600
W27	610	600
W28	610	600
W29	1810	600
W30	1810	1030
W31	1810	1030
W32	1810	1030
W33	1810	600
W34	1810	1030
W35	610	860

PROPOSED FLOOR SPACES		
NAME	AREA	%
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FIRST FLOOR	90 m <sup>2</sup>	25%
GARAGE	115 m <sup>2</sup>	33%
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TOTAL AREAS:	354 m <sup>2</sup>	100%

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D	ADJUST SIZE OF DETACHED GARAGE	07/06/2019
E	UPDATE TO FULL SET DA ISSUE	28/06/2019

G.J. Gardner.  
Builders Details

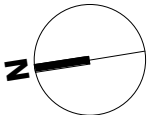
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DRAFTERS:  
**KJR**  
SUITE 302  
5 CELEBRATION DRIVE  
BELLA VISTA NSW 2153  
ABN 15 078 937 238  
(02) 8883 4344 kjrdrafting@kjr.net.au

CLIENT: DOUBLE STOREY DWELLING  
**WOHL**  
DRAWING TITLE:  
**WORKSHOP**  
SCALE: 1 : 100

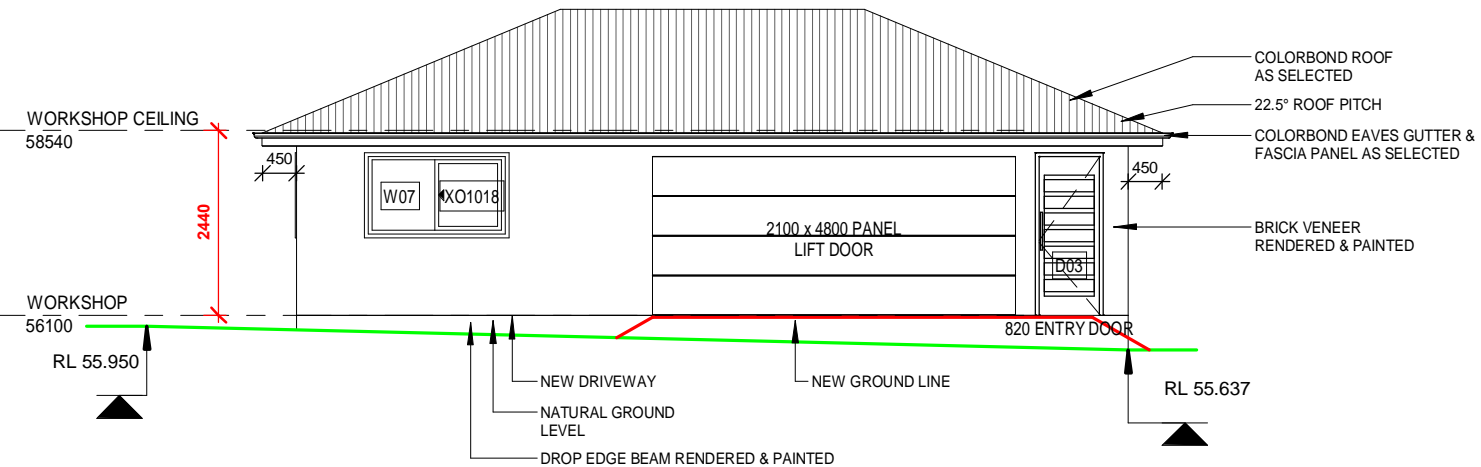
PROJECT:  
**51 REDMAN ROAD, DEE WHY  
NSW 2099**  
STAGE: DA

SHEET SIZE: **A3** SHEET No: **A06** REVISION: **E**  
DATE: **28/06/2019**  
JOB NO: 230250 STAGE: DA  
DRAWN: NF GJGN090

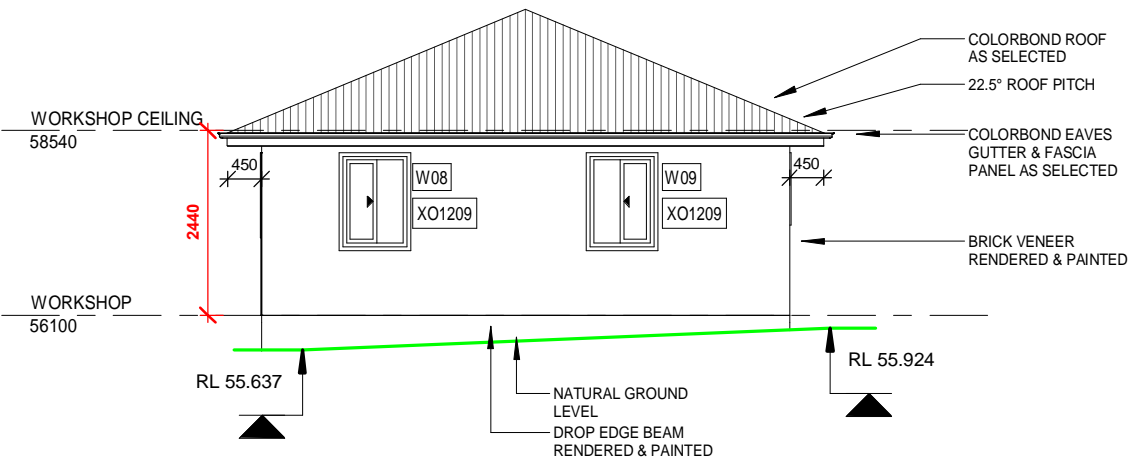


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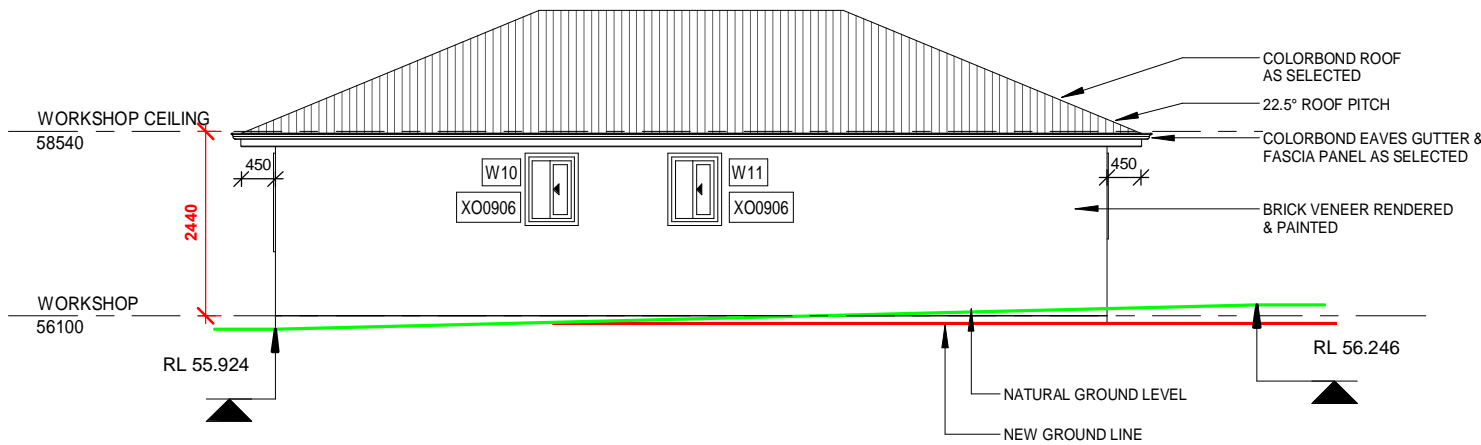
REFER TO COLOUR SELECTION FOR BATHROOM  
AND LAUNDRY FINAL LAYOUT & FINISHES



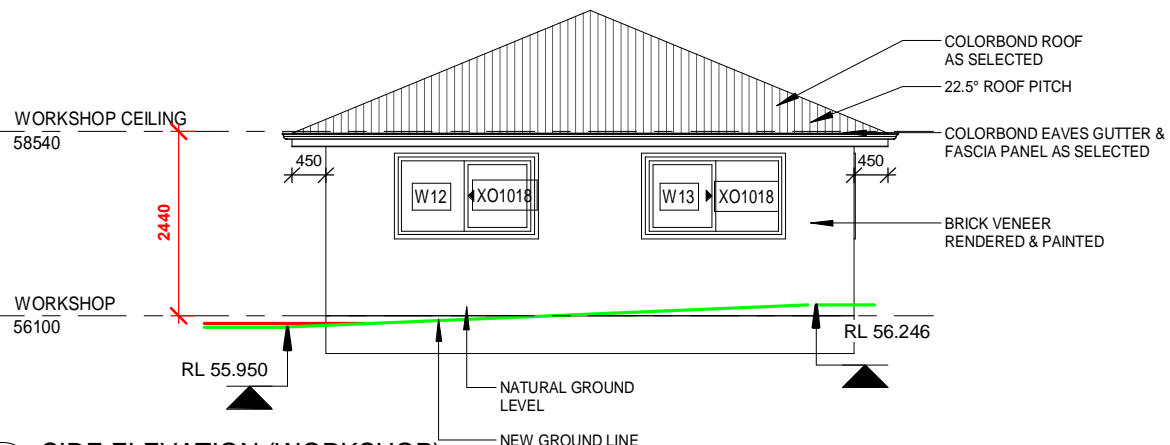
1 FRONT ELEVATION (WORKSHOP)  
1 : 100



2 SIDE ELEVATION 2 (WORKSHOP)  
1 : 100



3 REAR ELEVATION (WORKSHOP)  
1 : 100



4 SIDE ELEVATION (WORKSHOP)  
1 : 100

PROPOSED FLOOR SPACES		
NAME	AREA	%

ALFRESCO	14 m <sup>2</sup>	4%
FIRST FLOOR	90 m <sup>2</sup>	25%
GARAGE	115 m <sup>2</sup>	33%
GRANNY FLAT	51 m <sup>2</sup>	15%
MAIN HOUSE	81 m <sup>2</sup>	23%
PORCH	2 m <sup>2</sup>	1%
TOTAL AREAS:	354 m <sup>2</sup>	100%

DOOR SCHEDULE		
Code	Width	Height

D01	820	2100
D02	870	2100
D03	820	2100
D04	1200	2100
D05	1570	2100
D06	2410	2100
D07	2410	2100
D08	790	2100

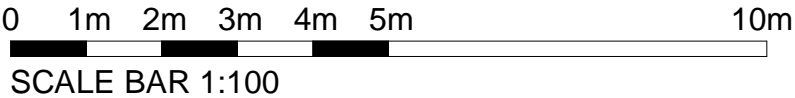
#### WINDOW SCHEDULE

Code	Width	Height
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W01	1570	1200
W02	1570	1200
W03	1570	1200
W04	1570	1200
W05	610	860
W06	1210	600
W07	1810	1030
W08	850	1200
W09	850	1200
W10	610	860
W11	610	860
W12	1810	1030
W13	1810	1030
W14	610	1460
W15	900	1460
W16	610	1460
W17	2650	1460
W18	1810	600
W19	610	860
W20	610	1460
W21	922	1500
W22	610	1460
W23	1200	900
W24	1810	860
W25	1810	860
W26	610	600
W27	610	600
W28	610	600
W29	1810	600
W30	1810	1030
W31	1810	1030
W32	1810	1030
W33	1810	600
W34	1810	1030
W35	610	860

#### DRAWING REVISION SCHEDULE

No.	AMENDMENTS	DATE
A	FIRST ISSUE	03/04/2019
B	ADJUST LOCATION OF GARAGE; ADJUST GRANNY FLAT LOCATION; CHANGED CEILING HEIGHTS; CHANGES TO GRANNY FLAT DESIGN.	08/04/2019
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D	ADJUST SIZE OF DETACHED GARAGE	07/06/2019
E	UPDATE TO FULL SET DA ISSUE	28/06/2019



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Builders Details

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DRAFTERS:  
**KJR**  
DRAFTING  
SUITE 302  
5 CELEBRATION DRIVE  
BELLA VISTA NSW 2153  
ABN 15 078 937 238  
(02) 8883 4344 kjrdrafting@kjr.net.au

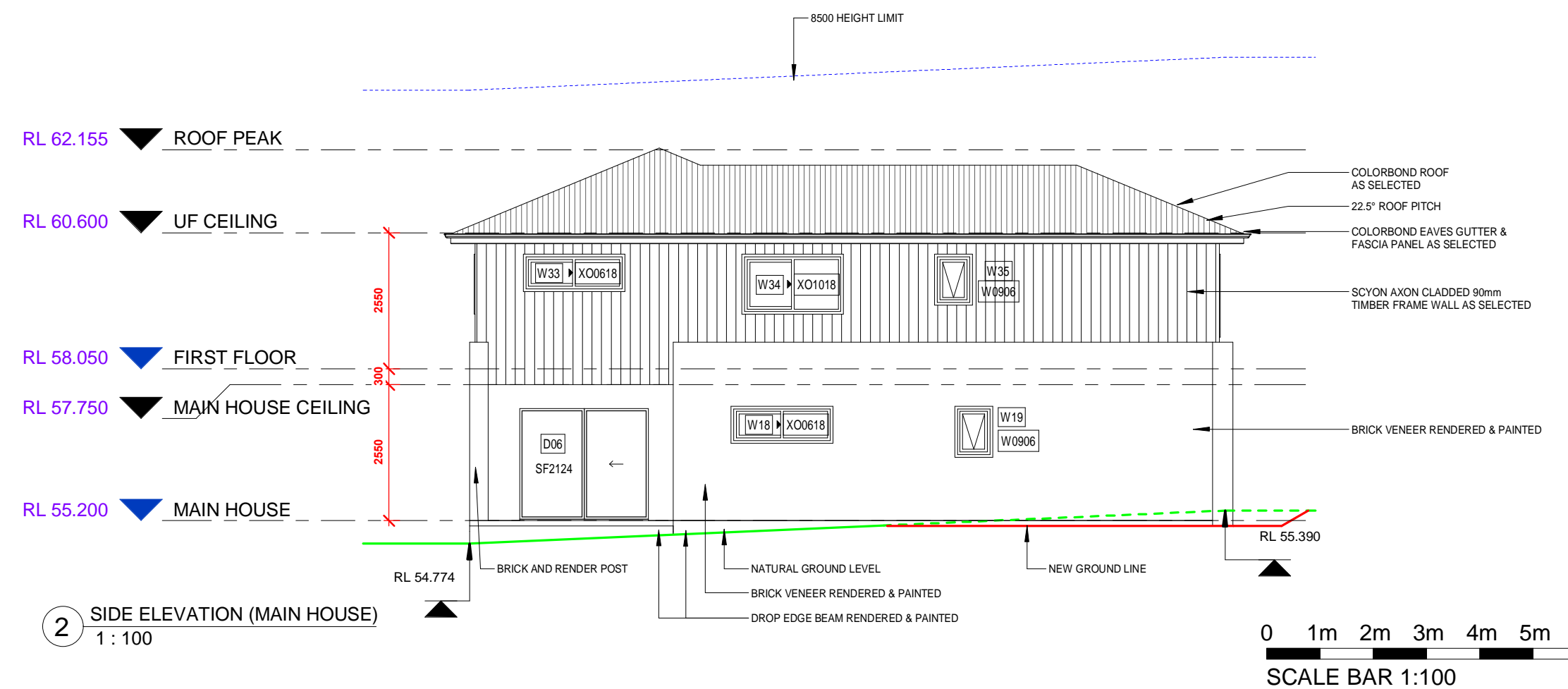
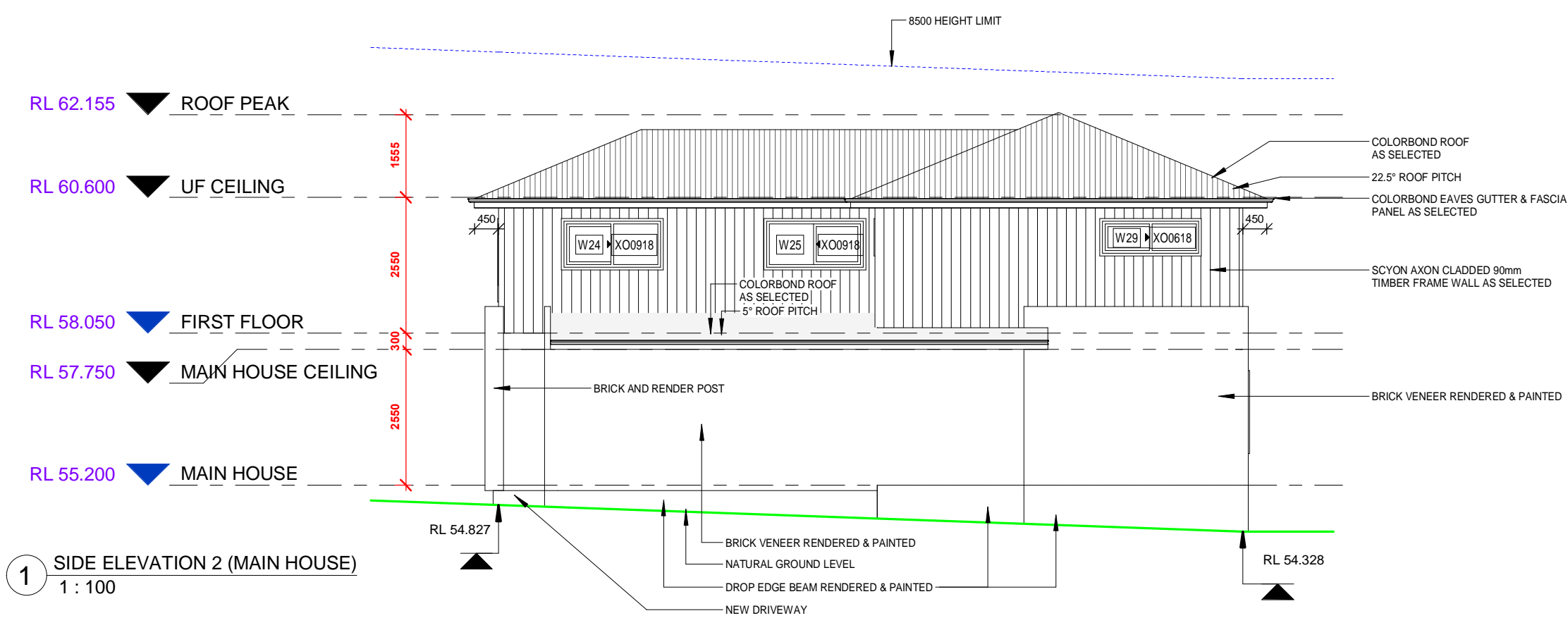
CLIENT: DOUBLE STOREY DWELLING  
**WOHL**  
DRAWING TITLE:  
**ELEVATIONS (WORKSHOP)**  
SCALE: 1 : 100

PROJECT:  
**51 REDMAN ROAD, DEE WHY  
NSW 2099**  
STAGE: DA

SHEET SIZE: **A3** SHEET No: **A07** REVISION: **E**  
DATE: **28/06/2019**  
JOB NO: 230250 STAGE: DA  
DRAWN: NF GJGN090







DRAWING REVISION SCHEDULE		
No.	AMENDMENTS	DATE
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B	ADJUST LOCATION OF GARAGE; ADJUST GRANNY FLAT LOCATION; CHANGED CEILING HEIGHTS; CHANGES TO GRANNY FLAT DESIGN.	08/04/2019
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DOOR SCHEDULE		
Code	Width	Height
D01	820	2100
D02	870	2100
D03	820	2100
D04	1200	2100
D05	1570	2100
D06	2410	2100
D07	2410	2100
D08	790	2100
WINDOW SCHEDULE		
Code	Width	Height

W01	1570	1200
W02	1570	1200
W03	1570	1200
W04	1570	1200
W05	610	860
W06	1210	600
W07	1810	1030
W08	850	1200
W09	850	1200
W10	610	860
W11	610	860
W12	1810	1030
W13	1810	1030
W14	610	1460
W15	900	1460
W16	610	1460
W17	2650	1460
W18	1810	600
W19	610	860
W20	610	1460
W21	922	1500
W22	610	1460
W23	1200	900
W24	1810	860
W25	1810	860
W26	610	600
W27	610	600
W28	610	600
W29	1810	600
W30	1810	1030
W31	1810	1030
W32	1810	1030
W33	1810	600
W34	1810	1030
W35	610	860

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**KJR**  
SUIITE 302  
5 CELEBRATION DRIVE  
BELLA VISTA NSW 2153  
ABN 15 078 937 238  
(02) 8883 4344 kjrdrafting@kjr.net.au

CLIENT: DOUBLE STOREY DWELLING  
**WOHL**  
DRAWING TITLE:  
**ELEVATIONS (MAIN HOUSE)**  
SCALE: 1 : 100

PROJECT:  
**51 REDMAN ROAD, DEE WHY  
NSW 2099**  
STAGE: DA

SHEET SIZE: **A3** SHEET No: **A11** REVISION: **E**  
DATE: **28/06/2019**  
JOB NO: 230250 STAGE: DA  
DRAWN: NF GJGN090

PROPOSED FLOOR SPACES		
NAME	AREA	%
ALFRESCO	14 m <sup>2</sup>	4%
FIRST FLOOR	90 m <sup>2</sup>	25%
GARAGE	115 m <sup>2</sup>	33%
GRANNY FLAT	51 m <sup>2</sup>	15%
MAIN HOUSE	81 m <sup>2</sup>	23%
PORCH	2 m <sup>2</sup>	1%
TOTAL AREAS:	354 m <sup>2</sup>	100%









# WASTE MANAGEMENT PLAN FOR PROPOSED 2 STOREY DWELLING AT: 51 REDMAN ROAD DEE WHY NSW 2099

DRAWING REVISION SCHEDULE		
No.	AMENDMENTS	DATE
A	FIRST ISSUE	03/04/2019
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E	UPDATE TO FULL SET DA ISSUE	28/06/2019

## DEMOLITION PHASE

MATERIALS ON-SITE		DESTINATION		
		Reuse & Recycling		Disposal
Type of materials	Estimated volume (m3)	On-Site Specify proposed reuse or on-site recycling method	Offsite Specify contractor and recycling outlet	Specify contractor or landfill site
Green waste	2	Chip and compost for landscaping and new gardens	-	Nil to landfill
Bricks	Nil			Nil to landfill
Concrete	20		Waste Management centre for recycling	Nil to landfill
Timber	10	Used for formwork and studwork, site shed or temporary fence	Long lengths of good quality timber to Timber Recycling Company. Lengths less than 1 meter to Waste Management centre for recycling	Nil to landfill
Plasterboard	10		Waste Management centre	Taken to landfill
Roof tiles	8		Good tiles to Waste Management centre for recycling; sell to second hand building supplies	Nil to landfill
Metals	2		Waste Management centre for recycling	Nil to landfill
Asbestos	5		Cart to licensed asbestos tip	Taken to landfill

## CONSTRUCTION PHASE

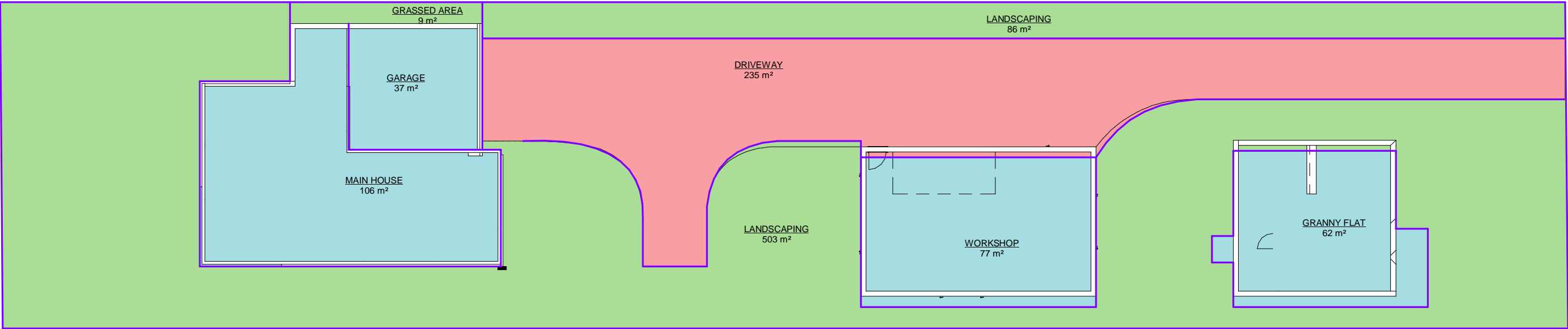
MATERIALS ON-SITE		DESTINATION		
		Reuse & Recycling		Disposal
Type of materials	Estimated volume (m3)	On-Site Specify proposed reuse or on-site recycling method	Offsite Specify contractor and recycling outlet	Specify contractor or landfill site
Excavation Material	5	Re-use for backfill under slab. Remove top soil and stockpile for use in landscaping	-	
Green waste	Nil			
Bricks	Nil			
Concrete	2		Excess concrete returned to supplier	Nil to landfill
Timber	2		Excess timber returned to supplier	Nil to landfill
Plasterboard	0.5		Excess plasterboard returned to supplier	Nil to landfill
Roof colorbond	0.5		Excess colorbond roof returned to supplier	Nil to landfill
Metals	0.1		Waste Management centre for recycling	Nil to landfill

## USE OF PREMISES

Type of Waste to be Generated	Expected volume per week (m3)	On-Site Specify proposed reuse or on-site recycling method	Destination
Food, general domestic waste	0.4	Bins located on site	Disposal via council rubbish removal
Paper, Cardboard	0.1	Bins located on site	Disposal via council recycling collection
Glass, Bottles	0.1	Bins located on site	Disposal via council recycling collection







LANDSCAPE COLOURS

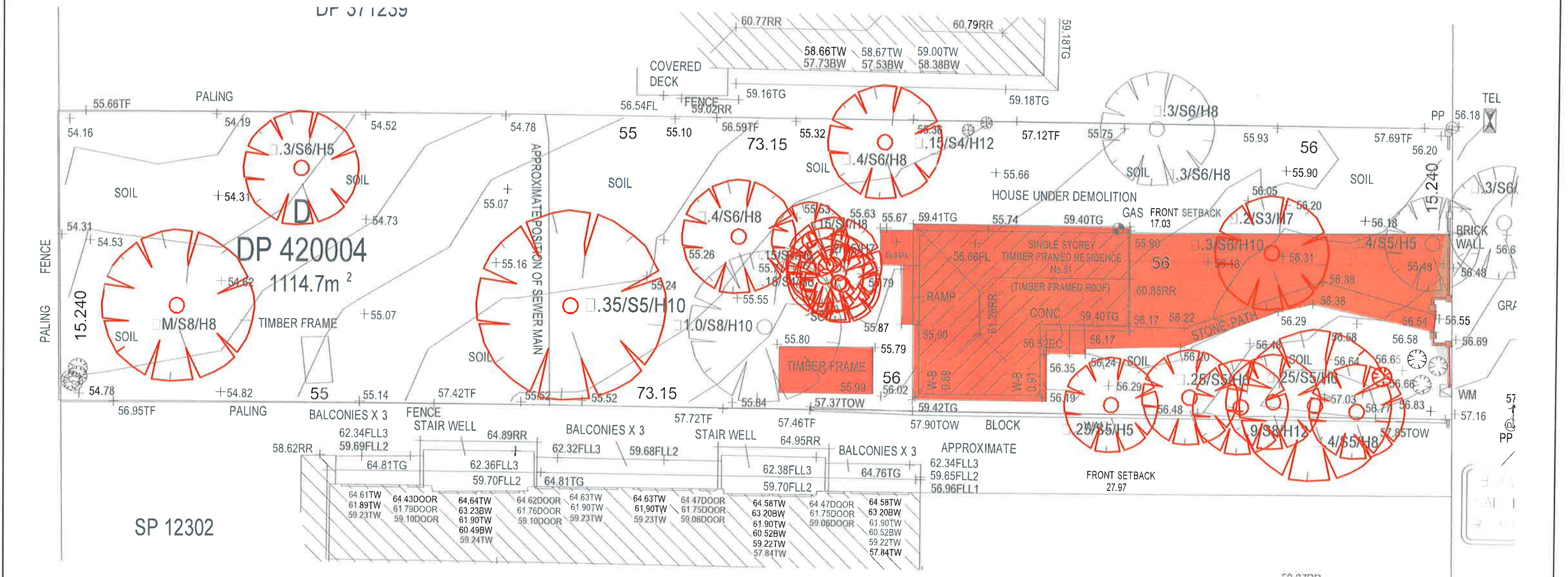
- BUILDING FOOTPRINT
- OPEN LANDSCAPE
- OTHER AREAS
- Calculating...

1 PROPOSED LANDSCAPE PLAN  
1 : 200

DRAWING REVISION SCHEDULE		
No.	AMENDMENTS	DATE
A	FIRST ISSUE	03/04/2019
B	ADJUST LOCATION OF GARAGE; ADJUST GRANNY FLAT LOCATION; CHANGED CEILING HEIGHTS; CHANGES TO GRANNY FLAT DESIGN.	08/04/2019
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DRAWING REVISION SCHEDULE		
No.	AMENDMENTS	DATE
A	FIRST ISSUE	03/04/2019
B	ADJUST LOCATION OF GARAGE; ADJUST GRANNY FLAT LOCATION; CHANGED CEILING HEIGHTS; CHANGES TO GRANNY FLAT DESIGN.	08/04/2019
C	CHANGES TO DRIVEWAY, GRANNY FLAT LAUNDRY, GARAGE ROOF, KITCHEN, STAIRS.	27/05/2019
D	ADJUST SIZE OF DETACHED GARAGE	07/06/2019
E	UPDATE TO FULL SET DA ISSUE	28/06/2019



1 DEMOLITION PLAN  
1 : 200

DEMOLITION WORKS ARE SHOWN IN RED



Multi Dwelling

Certificate number: 1025830M

This certificate confirms that the proposed development will meet the NSW government's requirements for sustainability, if it is built in accordance with the commitments set out below. Terms used in this certificate, or in the commitments, have the meaning given by the document entitled "BASIX Definitions" dated 06/10/2017 published by the Department. This document is available at [www.basix.nsw.gov.au](http://www.basix.nsw.gov.au)

Secretary  
Date of issue: Thursday, 27 June 2019  
To be valid, this certificate must be lodged within 3 months of the date of issue.



Description of project

Project address	
Project name	51 Redman Road
Street address	51 Redman Road Dee Why 2099
Local Government Area	Northern Beaches Council
Plan type and plan number	deposited 42004
Lot no.	D
Section no.	n/a
Project type	
No. of residential flat buildings	0
No. of units in residential flat buildings	0
No. of multi-dwelling houses	0
No. of single dwelling houses	2
Site details	
Site area (m²)	1114.7
Roof area (m²)	230.0
Non-residential floor area (m²)	0.0
Residential car spaces	3
Non-residential car spaces	0

Project summary		
Project name	51 Redman Road	
Street address	51 Redman Road Dee Why 2099	
Local Government Area	Northern Beaches Council	
Plan type and plan number	deposited 42004	
Lot no.	D	
Section no.	n/a	
No. of residential flat buildings	0	
No. of units in residential flat buildings	0	
No. of multi-dwelling houses	0	
No. of single dwelling houses	2	
Project score		
Water	✔ 41	Target 40
Thermal Comfort	✔ Pass	Target Pass
Energy	✔ 50	Target 50

Common area landscape		
Common area lawn (m²)	0.0	
Common area garden (m²)	0.0	
Area of indigenous or low water use species (m²)	0.0	
Assessor details		
Assessor number	20920	
Certificate number	0003976560	
Climate zone	56	
Project score		
Water	✔ 41	Target 40
Thermal Comfort	✔ Pass	Target Pass
Energy	✔ 50	Target 50

(ii) Energy	Show on DA plans	Show on CC/CDC plans & specs	Certifier check
(a) The applicant must comply with the commitments listed below in carrying out the development of a dwelling listed in a table below.			
(b) The applicant must install each hot water system specified for the dwelling in the table below, so that the dwelling's hot water is supplied by that system. If the table specifies a central hot water system for the dwelling, then the applicant must connect that central system to the dwelling, so that the dwelling's hot water is supplied by that central system.	✔	✔	✔
(c) The applicant must install, in each bathroom, kitchen and laundry of the dwelling, the ventilation system specified for that room in the table below. Each such ventilation system must have the operation control specified for it in the table.		✔	✔
(d) The applicant must install the cooling and heating system/s specified for the dwelling under the "Living areas" and "Bedroom areas" headings of the "Cooling" and "Heating" columns in the table below, in/for at least 1 living/bedroom area of the dwelling. If no cooling or heating system is specified in the table for "Living areas" or "Bedroom areas", then no systems may be installed in any such areas. If the term "zoned" is specified beside an air conditioning system, then the system must provide for day/night zoning between living areas and bedrooms.		✔	✔

(iii) Energy	Show on DA plans	Show on CC/CDC plans & specs	Certifier check
(e) This commitment applies to each room or area of the dwelling which is referred to in a heading to the "Artificial lighting" column of the table below (but only to the extent specified for that room or area). The applicant must ensure that the "primary type of artificial lighting" for each such room in the dwelling is fluorescent lighting or light emitting diode (LED) lighting. If the term "dedicated" is specified for a particular room or area, then the light fittings in that room or area must only be capable of being used for fluorescent lighting or light emitting diode (LED) lighting.		✔	✔
(f) This commitment applies to each room or area of the dwelling which is referred to in a heading to the "Natural lighting" column of the table below (but only to the extent specified for that room or area). The applicant must ensure that each such room or area is fitted with a window and/or skylight.	✔	✔	✔
(g) This commitment applies if the applicant installs a water heating system for the dwelling's pool or spa. The applicant must: (aa) install the system specified for the pool in the "Individual Pool" column of the table below (or alternatively must not install any system for the pool). If specified, the applicant must install a timer, to control the pool's pump; and (bb) install the system specified for the spa in the "Individual Spa" column of the table below (or alternatively must not install any system for the spa). If specified, the applicant must install a timer to control the spa's pump.		✔	
(h) The applicant must install in the dwelling: (aa) the kitchen cook-top and oven specified for that dwelling in the "Appliances & other efficiency measures" column of the table below; (bb) each appliance for which a rating is specified for that dwelling in the "Appliances & other efficiency measures" column of the table, and ensure that the appliance has that minimum rating; and (cc) any clothes drying line specified for the dwelling in the "Appliances & other efficiency measures" column of the table.		✔	✔
(i) If specified in the table, the applicant must carry out the development so that each refrigerator space in the dwelling is "well ventilated".		✔	
(j) The applicant must install the photovoltaic system specified for the dwelling under the "Photovoltaic system" heading of the "Alternative energy" column of the table below, and connect the system to that dwelling's electrical system.	✔	✔	✔

(iii) Energy	Show on DA plans	Show on CC/CDC plans & specs	Certifier check
(a) If, in carrying out the development, the applicant installs a ventilation system to service a common area specified in the table below, then that ventilation system must be of the type specified for that common area, and must meet the efficiency measure specified.		✔	✔
(b) In carrying out the development, the applicant must install, as the "primary type of artificial lighting" for each common area specified in the table below, the lighting specified for that common area. This lighting must meet the efficiency measure specified. The applicant must also install a centralised lighting control system or Building Management System (BMS) for the common area, where specified.		✔	✔
(c) The applicant must install the systems and fixtures specified in the "Central energy systems" column of the table below. In each case, the system or fixture must be of the type, and meet the specifications, listed for it in the table.	✔	✔	✔

(iii) Thermal Comfort	Show on DA plans	Show on CC/CDC plans & specs	Certifier check
(a) The applicant must attach the certificate referred to under "Assessor details" on the front page of this BASIX certificate (the "Assessor Certificate") to the development application and construction certificate application for the proposed development (or, if the applicant is applying for a complying development certificate for the proposed development, to that application). The applicant must also attach the Assessor Certificate to the application for a final occupation certificate for the proposed development.			

(iii) Thermal Comfort	Show on DA plans	Show on CC/CDC plans & specs	Certifier check
(b) The Assessor Certificate must have been issued by an Accredited Assessor in accordance with the Thermal Comfort Protocol.			
(c) The details of the proposed development on the Assessor Certificate must be consistent with the details shown in this BASIX Certificate, including the details shown in the "Thermal Loads" table below.			
(d) The applicant must show on the plans accompanying the development application for the proposed development, all matters which the Thermal Comfort Protocol requires to be shown on those plans. Those plans must bear a stamp of endorsement from the Accredited Assessor, to certify that this is the case.	✔		
(e) The applicant must show on the plans accompanying the application for a construction certificate (or complying development certificate, if applicable), all thermal performance specifications set out in the Assessor Certificate, and all aspects of the proposed development which were used to calculate those specifications.		✔	
(f) The applicant must construct the development in accordance with all thermal performance specifications set out in the Assessor Certificate, and in accordance with those aspects of the development application or application for a complying development certificate which were used to calculate those specifications.		✔	✔
(g) Where there is an in-slab heating or cooling system, the applicant must:  (aa) Install insulation with an R-value of not less than 1.0 around the vertical edges of the perimeter of the slab; or (bb) On a suspended floor, install insulation with an R-value of not less than 1.0 underneath the slab and around the vertical edges of the perimeter of the slab.	✔	✔	✔
(h) The applicant must construct the floors and walls of the development in accordance with the specifications listed in the table below.	✔	✔	✔

(i) Water	Show on DA plans	Show on CC/CDC plans & specs	Certifier check
(a) The applicant must comply with the commitments listed below in carrying out the development of a dwelling listed in a table below.			
(b) The applicant must plant indigenous or low water use species of vegetation throughout the area of land specified for the dwelling in the "Indigenous species" column of the table below, as private landscaping for that dwelling. (This area of indigenous vegetation is to be contained within the "Area of garden and lawn" for the dwelling specified in the "Description of Project" table).	✔	✔	
(c) If a rating is specified in the table below for a fixture or appliance to be installed in the dwelling, the applicant must ensure that each such fixture and appliance meets the rating specified for it.		✔	✔
(d) The applicant must install an on demand hot water recirculation system which regulates all hot water use throughout the dwelling, where indicated for a dwelling in the "HW recirculation or diversion" column of the table below.		✔	✔
(e) The applicant must install: (aa) a hot water diversion system to all showers, kitchen sinks and all basins in the dwelling, where indicated for a dwelling in the "HW recirculation or diversion" column of the table below; and (bb) a separate diversion tank (or tanks) connected to the hot water diversion systems of at least 100 litres. The applicant must connect the hot water diversion tank to all toilets in the dwelling.		✔	✔
(e) The applicant must not install a private swimming pool or spa for the dwelling, with a volume exceeding that specified for it in the table below.	✔	✔	
(f) If specified in the table, that pool or spa (or both) must have a pool cover or shading (or both).		✔	
(g) The pool or spa must be located as specified in the table.	✔	✔	
(h) The applicant must install, for the dwelling, each alternative water supply system, with the specified size, listed for that dwelling in the table below. Each system must be configured to collect run-off from the areas specified (excluding any area which supplies any other alternative water supply system), and to divert overflow as specified. Each system must be connected as specified.	✔	✔	✔

(i) Water	Show on DA plans	Show on CC/CDC plans & specs	Certifier check
(a) If, in carrying out the development, the applicant installs a showerhead, toilet, tap or clothes washer into a common area, then that item must meet the specifications listed for it in the table.		✔	✔
(b) The applicant must install (or ensure that the development is serviced by) the alternative water supply system(s) specified in the "Central systems" column of the table below. In each case, the system must be sized, be configured, and be connected, as specified in the table.	✔	✔	✔
(c) A swimming pool or spa listed in the table must not have a volume (in kLs) greater than that specified for the pool or spa in the table.	✔	✔	
(d) A pool or spa listed in the table must have a cover or shading if specified for the pool or spa in the table.		✔	
(e) The applicant must install each fire sprinkler system listed in the table so that the system is configured as specified in the table.		✔	✔
(f) The applicant must ensure that the central cooling system for a cooling tower is configured as specified in the table.		✔	✔

Legend

1. Commitments identified with a "✔" in the "Show on DA plans" column must be shown on the plans accompanying the development application for the proposed development (if a development application is to be lodged for the proposed development).
2. Commitments identified with a "✔" in the "Show on CC/CDC plans and specs" column must be shown in the plans and specifications accompanying the application for a construction certificate / complying development certificate for the proposed development.
3. Commitments identified with a "✔" in the "Certifier check" column must be certified by a certifying authority as having been fulfilled. (Note: a certifying authority must not issue an occupation certificate (either interim or final) for a building listed in this certificate, or for any part of such a building, unless it is satisfied that each of the commitments whose fulfilment it is required to monitor in relation to the building or part, has been fulfilled).

DRAWING REVISION SCHEDULE		
No.	AMENDMENTS	DATE
A	FIRST ISSUE	03/04/2019
B	ADJUST LOCATION OF GARAGE; ADJUST GRANNY FLAT LOCATION; CHANGED CEILING HEIGHTS; CHANGES TO GRANNY FLAT DESIGN.	08/04/2019
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**51 Redman Road, Dee Why**  
**External Finishes Schedule**

Roof, Fascia & Gutters – Colorbond Woodland Grey



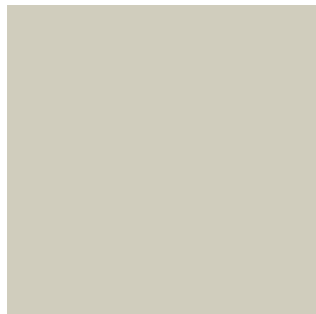
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Windows & Garage Door – Woodland Grey



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James Hardie Cladding, Cement render – Dulux Pale Tendril



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Front Door – Dulux Lexicon Quarter

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PLEASE NOTE: Colours reflected on this schedule do NOT necessarily reflect true colours