



Proposed indicative artist impression of housing streetscape. All landscae features are indicative only. Refer to landscape consultants documentation package for landscape design & plant species selection.

WESTERN SYDNEY UNIVERSITY - WSU

STAGE 2 - SITE 2.2
LOTS: 2001-2006

SHEET NO.	DRAWING TITLE	REV
S2-02-DA000	COVER SHEET	B
S2-02-DA001	THERMAL PERFORMANCE & SUSTAINABILITY SPECIFICATIONS	B
S2-02-DA050	LOCATION & SITE ANALYSIS PLAN	B
S2-02-DA051	LOT LAYOUT & SITING PLAN	B
S2-02-DA100	EROSION, BENCHING & SEDIMENT CONTROL PLAN	B
S2-02-DA140	HYDRAULIC CONCEPT PLAN	B
S2-02-DA210	GROUND FLOOR PLANS	B
S2-02-DA220	FIRST FLOOR PLANS	B
S2-02-DA230	ROOF PLANS	B
S2-02-DA250	NEIGHBOURING NOTIFICATION PLAN - LOT 2001-2004	B
S2-02-DA251	NEIGHBOURING NOTIFICATION PLAN - LOT 2005-2006	B
S2-02-DA320	COLOURED STREETSCAPES - FRONT	B
S2-02-DA330	SECTIONS	B
S2-02-DA400	SHADOW ANALYSIS & DIAGRAM - 21 JUNE - 9AM/12PM	B
S2-02-DA401	SHADOW ANALYSIS & DIAGRAM - 21 JUNE - 3PM	B
S2-02-DA410	SUN EYE VIEWS - 21 JUNE 8AM/9AM/10AM/11AM	B
S2-02-DA420	AREA PLAN - PRIVATE OPEN SPACE AND PERMEABLE AREA	B
S2-02-DA421	GFA AREA PLAN - GROUND & FIRST FLOOR PLAN	B
S2-02-DA800	GENERAL CONSTRUCTION DETAILS	B

Certificate No. #HR-B4ZEJ-01
Scan QR code or follow website link for rating details.
Assessor name Haylea Edwards
Accreditation No. HERA 10213
Property Address Lot 2001, 2 Bullecourt Avenue, Milperra, NSW, 2214

<http://www.hero-software.com.au/pdf/HR-B4ZEJ-01>

Certificate No. #HR-IHLGDC-01
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Assessor name Haylea Edwards
Accreditation No. HERA 10213
Property Address Lot 2002, 2 Bullecourt Avenue, Milperra, NSW, 2214

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Certificate No. #HR-OGTC81-01
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Assessor name Haylea Edwards
Accreditation No. HERA 10213
Property Address Lot 2003, 2 Bullecourt Avenue, Milperra, NSW, 2214

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Certificate No. #HR-XWCAKF-01
Scan QR code or follow website link for rating details.
Assessor name Haylea Edwards
Accreditation No. HERA 10213
Property Address Lot 2004, 2 Bullecourt Avenue, Milperra, NSW, 2214

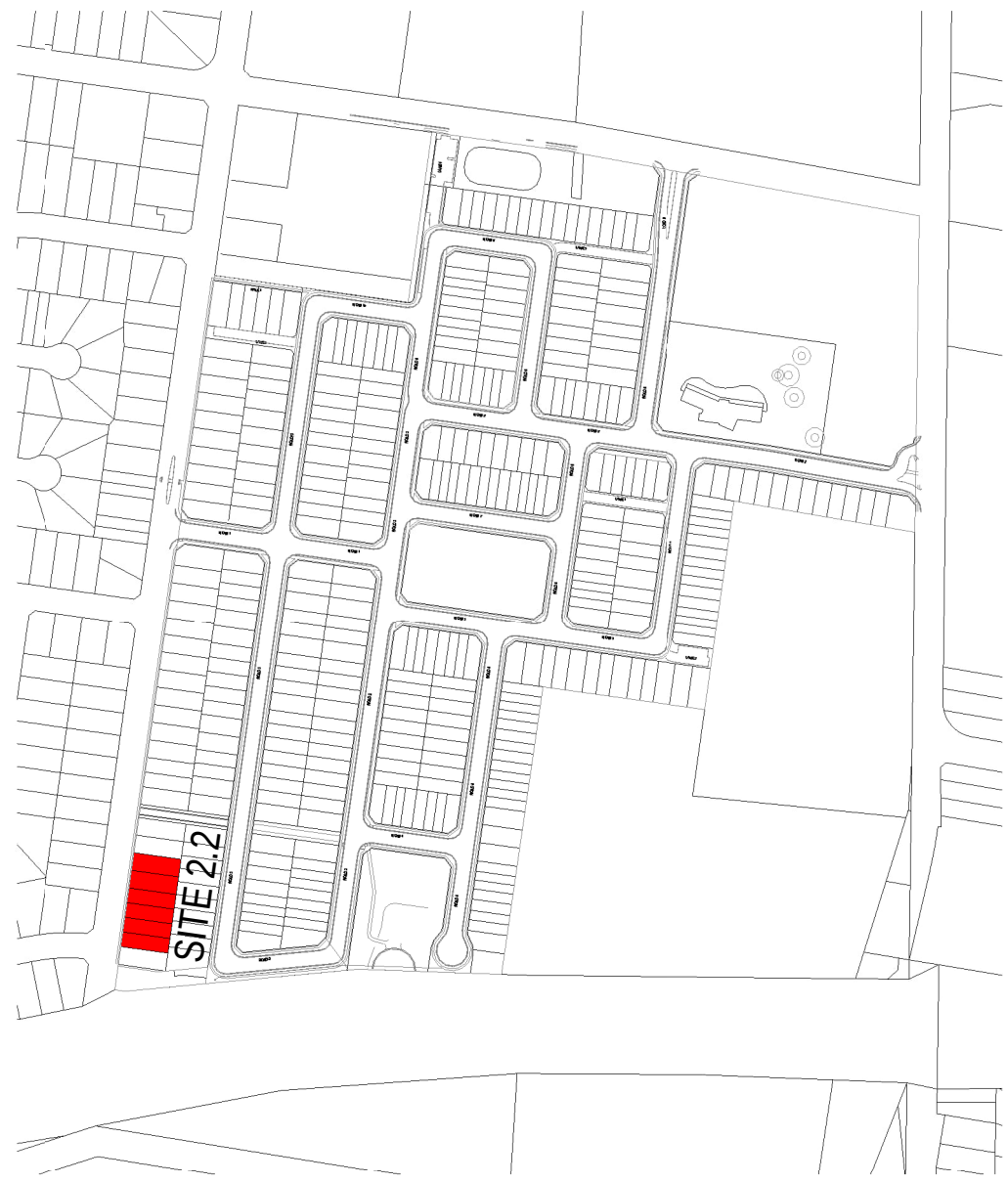
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Certificate No. #HR-O2RKW1-01
Scan QR code or follow website link for rating details.
Assessor name Haylea Edwards
Accreditation No. HERA 10213
Property Address Lot 2005, 2 Bullecourt Avenue, Milperra, NSW, 2214

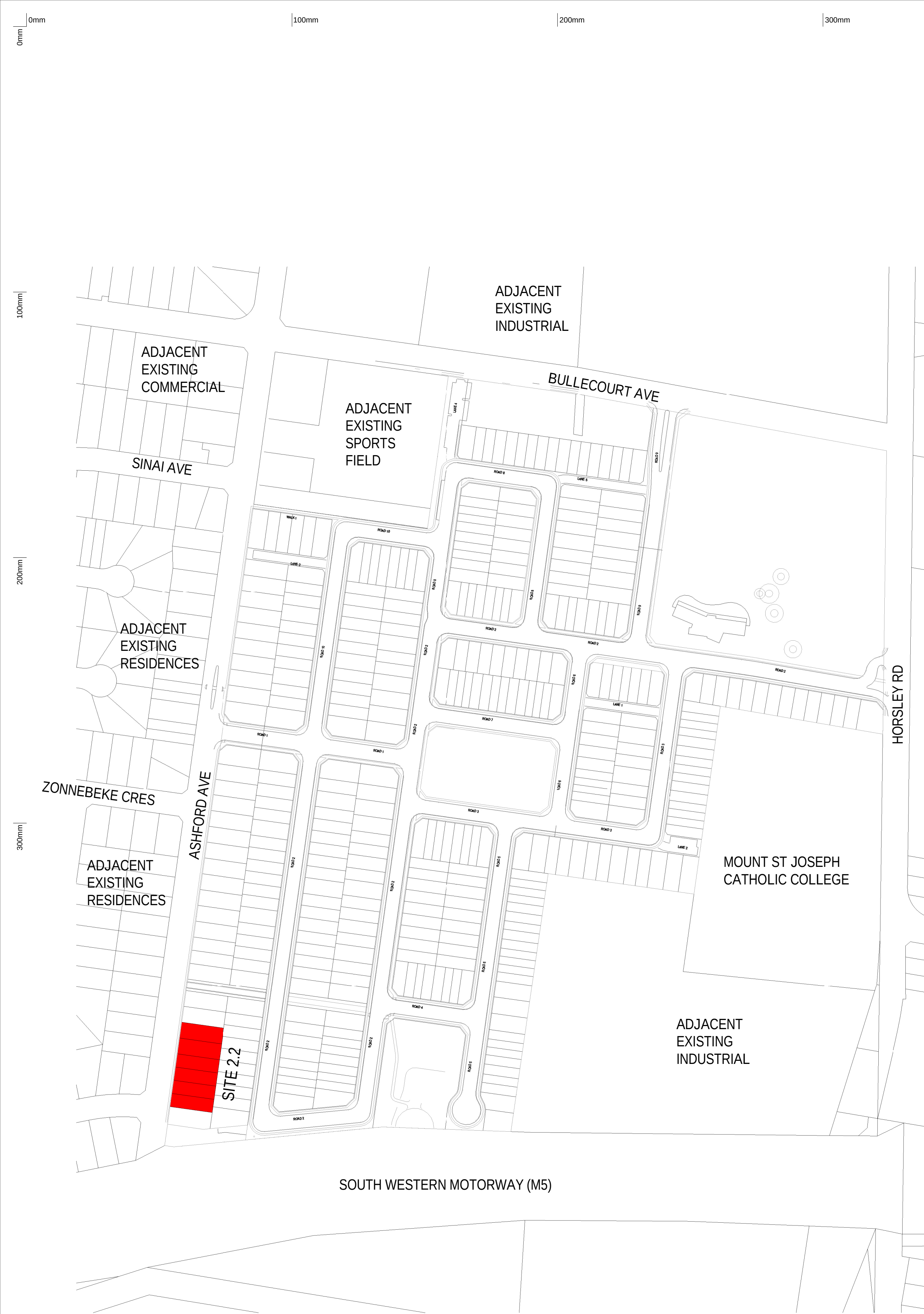
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Certificate No. #HR-722YQ3-01
Scan QR code or follow website link for rating details.
Assessor name Haylea Edwards
Accreditation No. HERA 10213
Property Address Lot 2006, 2 Bullecourt Avenue, Milperra, NSW, 2214

<http://www.hero-software.com.au/pdf/HR-722YQ3-01>



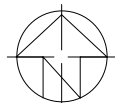
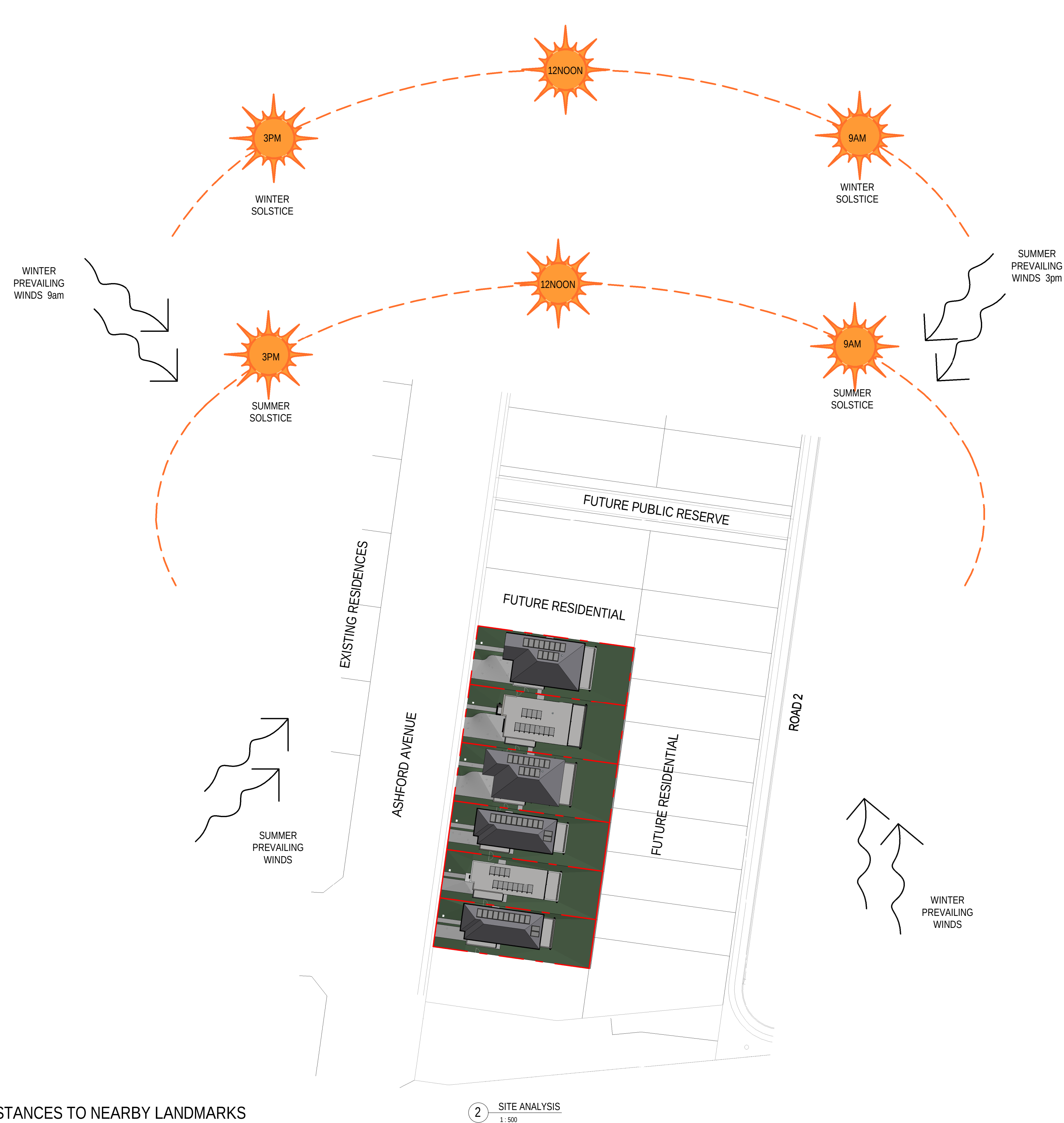
ESTATE PLAN



1 LOCATION PLAN
1 : 2000

DISTANCES TO NEARBY LANDMARKS

- Mount St Joseph Catholic College
 - Bankstown Golf Club
 - Panania Train Station
 - Bankstown Aerodrome
 - Liverpool Hospital
 - Parramatta City CBD
 - Sydney City CBD
- Approx 5 min walk
 - Approx 5 min walk
 - Approx 6 min drive
 - Approx 10 min drive
 - Approx 15 min drive
 - Approx 40 min drive
 - Approx 30 min drive

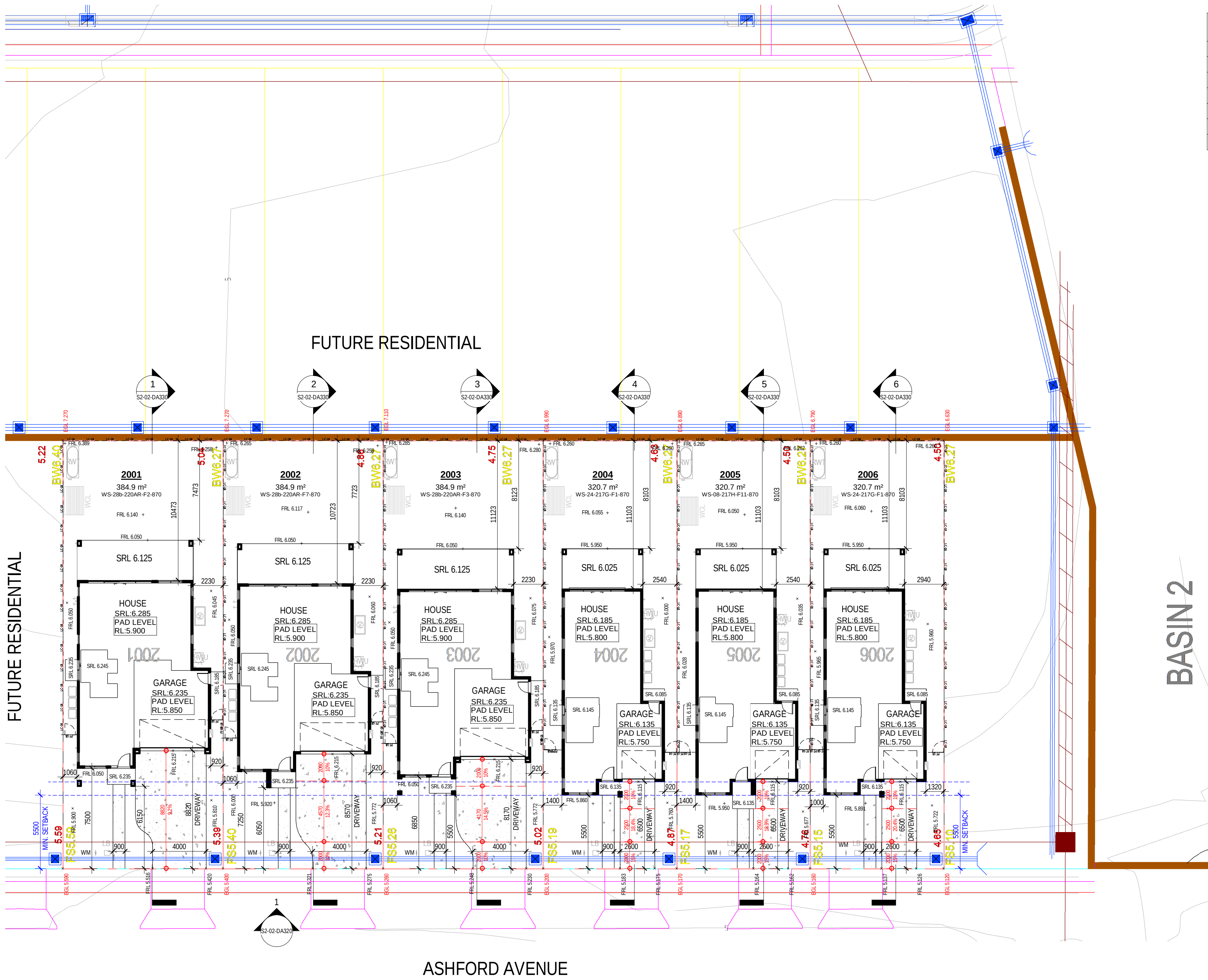


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SITE 1 MODEL TYPES	
Lot No.	House Type
2001	WS-28b-220AR-F2-870
2002	WS-28b-220AR-F7-870
2003	WS-28b-220AR-F3-870
2004	WS-24-217G-F1-870
2005	WS-08-217H-F11-870
2006	WS-24-217G-F1-870

SITE FSR			
Lot No	Gross floor area	Lot Area	FSR
2001	183.0 m ²	384.9 m ²	47.54%
2002	184.3 m ²	384.9 m ²	47.88%
2003	183.0 m ²	384.9 m ²	47.54%
2004	148.5 m ²	320.7 m ²	46.31%
2005	148.8 m ²	320.7 m ²	46.41%
2006	148.5 m ²	320.7 m ²	46.31%

SITEWORK	
BOW	BOTTOM OF WALL LEVEL
CL	CLOTHES LINE
EGL	EXISTING GROUND LEVEL
FRL	FINISHED RELATIVE LEVEL
GM	GAS METER
HC	HOSE COCK
HCR	HOSE COCK RECYCLE
HMU	HOT WATER UNIT
HMU	INSTANTANEOUS HOT WATER UNIT
KO	KERS OUTLET
LB	LETTER BOX
MB	ELECTRICAL METERBOX
NBN	NATIONAL BROADBAND NETWORK
PCD	PREMISES CONNECTION DEVICE
PWM	NON POTABLE RECYCLED WATER METER
RL	REDUCED LEVEL
RWT	RAINWATER TANK
SRL	STRUCTURAL RELATIVE LEVEL
TOW	TOP OF WALL LEVEL
WM	WATER METER
→	DIRECTION OF FLOW
→→	PIPELINE CONNECTION TO RWT
→→	PIPELINE STORMWATER OVERFLOW
→→	POTABLE WATER
→→	STORMWATER DRAINAGE PIT
→→	GRATED DRAIN
FENCE TYPES	
AB-11	1100 HIGH ANGLE BLADE FENCE
AB-18	1800 HIGH VERTICAL METAL BATTENS
BT-18	1800 HIGH VERTICAL BATTENS
LC-15	1500 HIGH TIMBER LAPPED & CAPPED FENCE
LC-18	1800 HIGH TIMBER LAPPED & CAPPED FENCE
PF-15	1500 HIGH VERTICAL PICKET FENCE
PF-18	1800 HIGH VERTICAL PICKET FENCE

1 DATP - SITING PLAN - LOT 2001-2006
1 : 200

28.11.24	B	ISSUE FOR DA
15.11.24	A	ISSUE FOR CONSULTANTS
08	rev	amendment

MIRVAC DESIGN

Mirvac Design Pty Ltd
ABN 70 007 997 931

Mirvac Design Nominees / Responsible Architects
Anita Verma, Michael Warner, David Hino, Farmington, Brisbane, Andrew La
https://www.mirvacdesign.com/nominees-and-architects



project:
WSU - MILPERRA
2 Bullecourt Avenue, Milperra NSW 2214
Stage: 2 Site: 2.2 Lot: 2001-2006

title:
LOT LAYOUT & SITING PLAN

job no: MB-10197
drawing no: S2-02-DA051
scale @ A1 : 1 : 200
date: 29.11.24 rev: B



Certificate No. #HR-6RN3FS-01
Scan QR code or follow website link for rating details.

Assessor name

Haylea Edwards

Accreditation No.

HERA 10213

Property Address

2 Bullecourt Avenue, Milperra, NSW, 2214

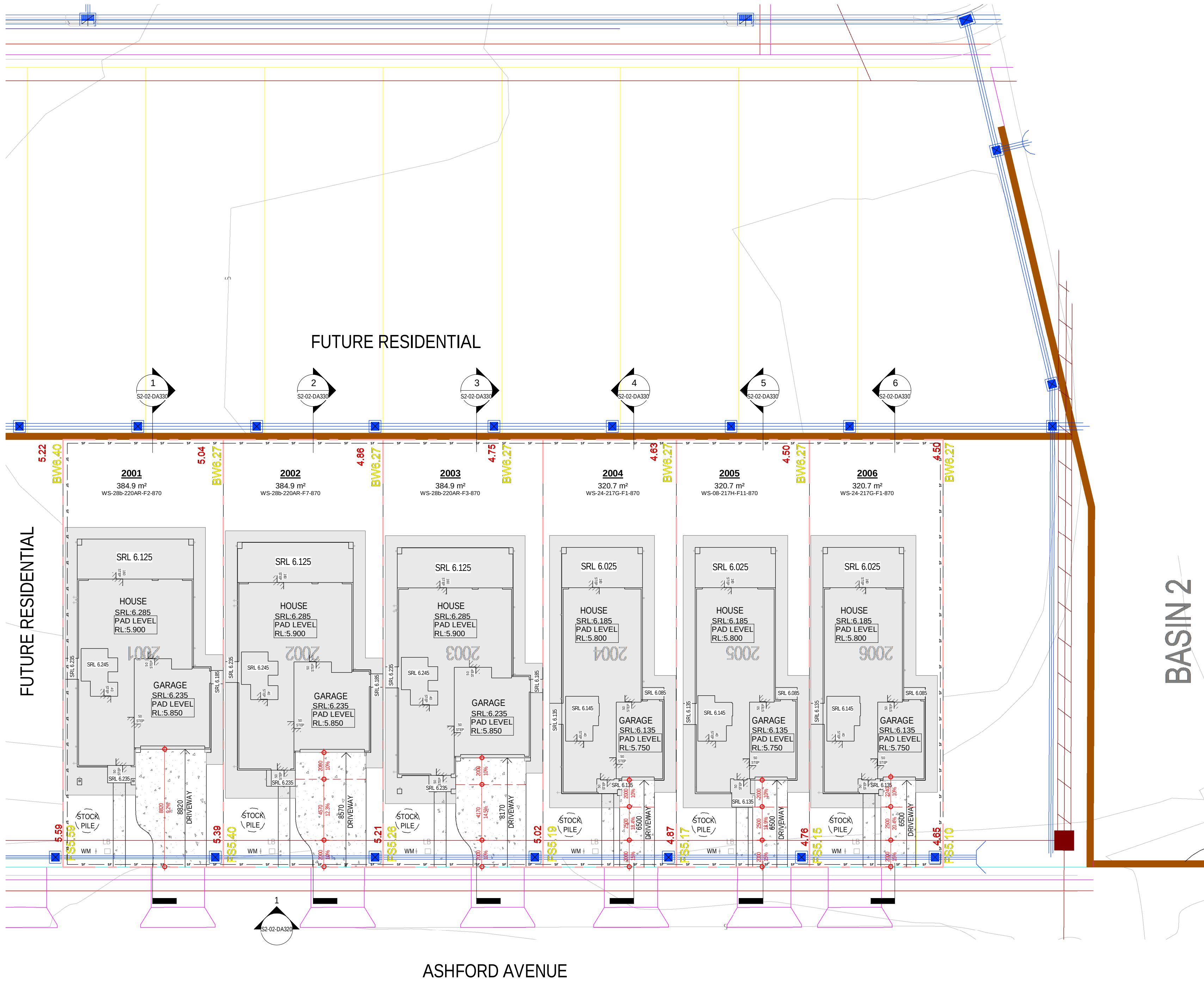
<http://www.hero-software.com.au/pdf/HR-6RN3FS-01>

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SITework	
BWL	BOTTOM OF WALL LEVEL
CL	CLOTHES LINE
EGL	EXISTING GROUND LEVEL
FRL	FINISHED RELATIVE LEVEL
GM	GAS METER
HC	HOSE COCK
HCR	HOSE COCK RECYCLE
HWU	HOT WATER UNIT
HWU	INSTANTANEOUS HOT WATER UNIT
KO	KERS OUTLET
LB	LETTER BOX
MB	ELECTRICAL METERBOX
NBN	NATIONAL BROADBAND NETWORK
PCD	PREMISES CONNECTION DEVICE
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RL	REDUCED LEVEL
RWT	RAINWATER TANK
SRL	STRUCTURAL RELATIVE LEVEL
TOW	TOP OF WALL LEVEL
WM	WATER METER
DIRECTION OF FLOW	
→	PIPELINE CONNECTION TO RWT
→	PIPELINE STORMWATER OVERFLOW
→	POTABLE WATER
→	STORMWATER DRAINAGE PIT
→	GRATED DRAIN

RETAINING WALLS	
■	BLOCK WORK RETAINING WALL
■	BLOCK WORK FEATURE RETAINING WALL
■	CRIP EDGE BEAM
■	BEAM CONCRETE SLEEPER WALL
■	LOG SLEEPER RETAINING WALL
■	WET WALL

1 DA/TP - EROSION/SEDIMENT CONTROL & BENCHING PLAN - LOT 2001-2006
1 : 200



Certificate No. #HR-6RN3FS-01

Scan QR code or follow website link for rating details.

Assessor name

Haylea Edwards

Accreditation No.

HERA 10213

Property Address

2 Bullecourt Avenue, Milperra, NSW, 2214

http://www.hero-software.com.au/pdf/HR-6RN3FS-01



29.11.24	B	ISSUE FOR DA
15.11.24	A	ISSUE FOR CONSULTANTS
date	rev	amendment

MIRVAC DESIGN

Level 29 209 George St
Sydney NSW 2000
Tel: 002 800 8000

Mirvac Design Pty Ltd

ABN 70 007 997 937

Mirvac Design Nominees / Responsible Architects

Antia Verma, Michael Miller, David Hirt, Farmington, Brisbane, Andrew La

https://www.mirvacdesign.com/nominees-and-architects



project:
WSU - MILPERRA
2 Bullecourt Avenue, Milperra NSW 2214
Stage: 2 Site: 2.2 Lot: 2001-2006

title:
**EROSION, BENCHING & SEDIMENT
CONTROL PLAN**

job no: MB-10197
drawing no: S2-02-DA100
scale @ A1 : 1 : 200
date: 29.11.24 rev: B



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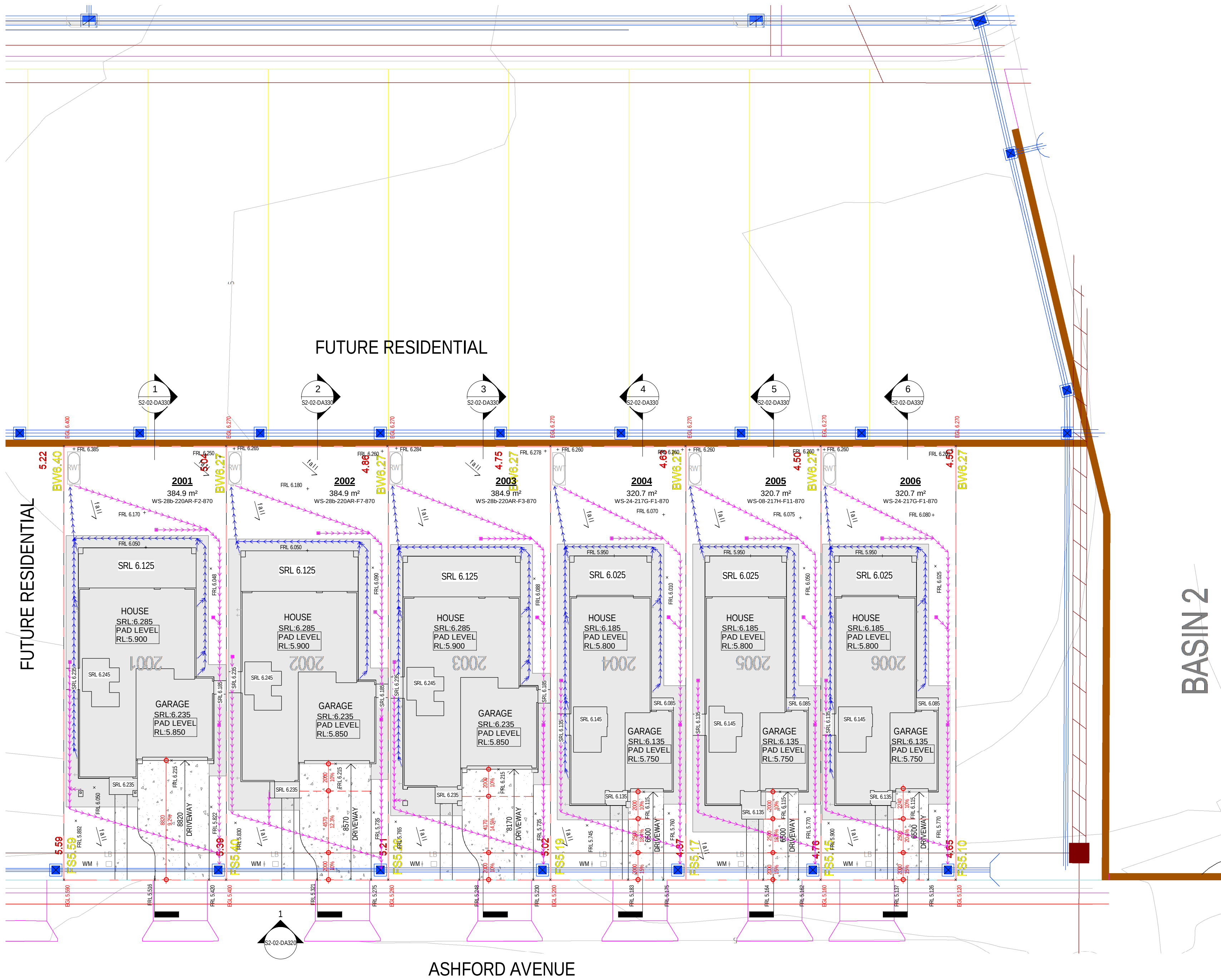
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1 DA/TP - HYDRAULIC CONCEPT PLAN - LOT 2001-2006
1 : 200

SITework	
BOW	BOTTOM OF WALL LEVEL
CL	CLOTHES LINE
EGL	EXISTING GROUND LEVEL
FRL	FINISHED RELATIVE LEVEL
GM	GAS METER
HC	HOSE COCK
HCR	HOSE COCK RECYCLE
HWU	HOT WATER UNIT
HWU	INSTANTANEOUS HOT WATER UNIT
KO	KERS OUTLET
LB	LETTER BOX
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PCD	PREMISES CONNECTION DEVICE
PWM	NON POTABLE RECYCLED WATER METER
RL	REDUCED LEVEL
RWT	RAINWATER TANK
SRL	STRUCTURAL RELATIVE LEVEL
TOW	TOP OF WALL LEVEL
WM	WATER METER
DIRECTION OF FLOW	
PIPELINE CONNECTION TO RWT	
PIPELINE STORMWATER OVERFLOW	
POTABLE WATER	
STORMWATER DRAINAGE PIT	
GRATED DRAIN	

RETAINING WALLS	
BLOCK WORK RETAINING WALL	
BLOCK WORK FEATURE RETAINING WALL	
DROP EDGE BEAM	
HEAVY CONCRETE SLEEPER WALL	
LOG SLEEPER RETAINING WALL	
WET WALL	

HYDRAULIC NOTE

NOTE:
THIS STORMWATER SCHEMATIC DRAWING BY MIRVAC DESIGN IS PRODUCED AS A GUIDE. ONLY FOR PLUMBERS ON SITE TO INDICATE LOCATION OF LINES AND PITS WITHIN BOUNDARIES. THIS DRAWING IS ONLY TO INDICATE PIPE, PIT AND CONNECTIONS AND LOCATIONS. THIS DRAWING IS NOT TO INDICATE ANY PIPE OR PIT SIZES. ANY FURTHER INFORMATION RELATING TO SIZES AND EQUIPMENT COMPONENTS SHOULD BE CONFIRMED WITH A PLUMBER OR SUITABLY QUALIFIED HYDRAULIC ENGINEER.





Certificate No. #HR-6RN3FS-01

Scan QR code or follow website link for rating details.

Assessor name

Haylea Edwards

Accreditation No.

HERA 10213

Property Address

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http://www.hera-software.com.au/pdf/HR-6RN3FS-01



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WINDOW SCHEDULE - 2001				
Window No.	Type	Height	Width	Description
W-01L	SA2016T_L SPECIAL	2035	1570	2035H x 1570W SA2007T WITHIN
W-02L	SA2018T_L SPECIAL	2035	1810	2035H x 1810W SA2008T WITHIN
W-06L	SKD2116_L	2100	1570	
W-07	SA2007T	2035	730	
W-07	SA2007T	2035	730	
W-07	SA2007T	2035	730	
W-07	SA2007T	2035	730	
W-08	SKD2448	2400	4780	
W-09	SKD2132	2100	3162	
W-10	SA1326 SPECIAL	1370	2650	1200H x 2650W SA1207 WITHIN
W-14	SA1307	1370	730	
W-14	SA1307	1370	730	
W-23	SA1007 OBS	1030	730	OBSCUR
W-24R	SA1014_R OBS	1030	1450	OBSCUR
W-25R	SA1322_L	1370	2170	
W-26	SF1308	1370	850	
W-27	SAA1222	1200	2170	
W-27	SAA1222	1200	2170	

WINDOW SCHEDULE - 2002				
Window No.	Type	Height	Width	Description
W-01L	SA2016T_L SPECIAL	2035	1570	2035H x 1570W SA2007T WITHIN
W-02L	SA2018T_L SPECIAL	2035	1810	2035H x 1810W SA2008T WITHIN
W-06L	SKD2116_L	2100	1570	
W-07	SA2007T	2035	730	
W-07	SA2007T	2035	730	
W-07	SA2007T	2035	730	
W-07	SA2007T	2035	730	
W-08	SKD2448	2400	4780	
W-10	SA1326 SPECIAL	1370	2650	1200H x 2650W SA1207 WITHIN
W-11	SA1236 SPECIAL	1200	3780	1200H x 3780W SA1208 WITHIN
W-14	SA1307	1370	730	
W-14	SA1307	1370	730	
W-23	SA1007 OBS	1030	730	OBSCUR
W-24R	SA1014_R OBS	1030	1450	OBSCUR
W-25L	SA1322_L	1370	2170	
W-26	SF1308	1370	850	
W-27	SAA1222	1200	2170	
W-27	SAA1222	1200	2170	

WINDOW SCHEDULE - 2003				
Window No.	Type	Height	Width	Description
W-01L	SA2016T_L SPECIAL	2035	1570	2035H x 1570W SA2007T WITHIN
W-02L	SA2018T_L SPECIAL	2035	1810	2035H x 1810W SA2008T WITHIN
W-06L	SKD2116_L	2100	1570	
W-07	SA2007T	2035	730	
W-07	SA2007T	2035	730	
W-07	SA2007T	2035	730	
W-07	SA2007T	2035	730	
W-08	SKD2448	2400	4780	
W-09	SKD2132	2100	3162	
W-10	SA1326 SPECIAL	1370	2650	1200H x 2650W SA1207 WITHIN
W-14	SA1307	1370	730	
W-14	SA1307	1370	730	
W-23	SA1007 OBS	1030	730	OBSCUR
W-24R	SA1014_R OBS	1030	1450	OBSCUR
W-25L	SA1322_L	1370	2170	
W-26	SF1308	1370	850	
W-27	SAA1222	1200	2170	
W-27	SAA1222	1200	2170	

WINDOW SCHEDULE - 2004				
Window No.	Type	Height	Width	Description
W-02L	SA2018T_L SPECIAL	2035	1810	2035H x 1810W SA2008T WITHIN
W-03	SKD2442	2400	4180	
W-04	SA2008T	2035	850	
W-04	SA2008T	2035	850	
W-04	SA2008T	2035	850	
W-04	SA2008T	2035	850	
W-05L	SKD2116_L	2100	1570	
W-06	SA1006 OBS	1030	610	OBSCUR
W-12L	SA1318_L	1370	1810	
W-13	SA1308	1370	850	
W-14	SA1307	1370	730	
W-18	SF2007	2035	730	
W-19	SF1307	1370	730	
W-20	SA1208 OBS	1370	850	OBSCUR
W-21R	SA1318_R	1370	1810	
W-21R	SA1318_R	1370	1810	
W-21R	SA1318_R	1370	1810	

WINDOW SCHEDULE - 2005				
Window No.	Type	Height	Width	Description
W-02R	SA2018T_R SPECIAL	2035	1810	2035H x 1810W SA2008T WITHIN
W-03	SKD2442	2400	4180	
W-04	SA2008T	2035	850	
W-04	SA2008T	2035	850	
W-04	SA2008T	2035	850	
W-04	SA2008T	2035	850	
W-05L	SKD2116_L	2100	1570	
W-06	SA1006 OBS	1030	610	OBSCUR
W-14	SA1307	1370	730	
W-15R	SA1320_R SPECIAL	1370	2080	1370H x 2080W SA1308 WITHIN
W-16	AF2006	2035	610	
W-17	SF0613 SPECIAL	600	1340	600H x 1340W
W-18	SF2007	2035	730	
W-19	SF1307	1370	730	
W-20	SA1208 OBS	1370	850	OBSCUR
W-21R	SA1318_R	1370	1810	
W-21R	SA1318_R	1370	1810	
W-22	SA0607	600	730	

WINDOW SCHEDULE - 2006				
Window No.	Type	Height	Width	Description
W-02L	SA2018T_L SPECIAL	2035	1810	2035H x 1810W SA2008T WITHIN
W-03	SKD2442	2400	4180	
W-04	SA2008T	2035	850	
W-04	SA2008T	2035	850	
W-04	SA2008T	2035	850	
W-04	SA2008T	2035	850	
W-05L	SKD2116_L	2100	1570	
W-06	SA1006 OBS	1030	610	OBSCUR
W-14	SA1307	1370	1810	
W-13	SA1308	1370	850	
W-13	SA1308	1370	850	
W-14	SA1307	1370	730	
W-18	SF2007	2035	730	
W-19	SF1307	1370	730	
W-20	SA1208 OBS	1370	850	OBSCUR
W-21R	SA1318_R	1370	1810	
W-21R	SA1318_R	1370	1810	

DOOR SCHEDULE - 2001			
Door No.	Height	Leaf Width	O/A Frame Width
D-01L_8G	2400	920	1500
D-05	2100	820	900

DOOR SCHEDULE - 2002			
Door No.	Height	Leaf Width	O/A Frame Width
D-02L_6G	2400	920	1500
D-05	2100	820	900

DOOR SCHEDULE - 2003			
Door No.	Height	Leaf Width	O/A Frame Width
D-01L_8G	2400	920	1500
D-05	2100	820	900

DOOR SCHEDULE - 2004			
Door No.	Height	Leaf Width	O/A Frame Width
D-03_6G	2400	920	1000
D-05	2100	820	900

DOOR SCHEDULE - 2005			
Door No.	Height	Leaf Width	O/A Frame Width
D-04_8G	2400	920	1000
D-05	2100	820	900

DOOR SCHEDULE - 2006			
Door No.	Height	Leaf Width	O/A Frame Width
D-03_6G	2400	920	1000
D-05	2100	820	900

TOTAL GROSS BUILDING AREAS		
Lot No.	Name	Area
2001	Ground Floor	88.2 m²
2001	First Floor	117.0 m²
2001	Garage	37.2 m²
2001	Alfresco	26.1 m²
2001	Porch	2.6 m²
2001	Balcony	6.0 m²
		277.1 m²

2002	Ground Floor	88.1 m²
2002	First Floor	118.5 m²
2002	Garage	37.1 m²
2002	Porch	2.6 m²
2002	Alfresco	26.1 m²
		272.5 m²

2003	Ground Floor	88.3 m²
2003	First Floor	117.0 m²
2003	Garage	37.2 m²
2003	Porch	2.4 m²
2003	Alfresco	26.1 m²
2003	Balcony	6.0 m²
		277.1 m²

2004	Ground Floor	78.9 m²
2004	First Floor	91.8 m²
2004	Garage	21.4 m²
2004	Porch	1.7 m²
2004	Alfresco	18.2 m²
		211.9 m²

2005	Ground Floor	78.9 m²
2005	First Floor	92.5 m²
2005	Garage	21.4 m²
2005	Porch	3.5 m²
2005	Alfresco	18.2 m²
		214.5 m²

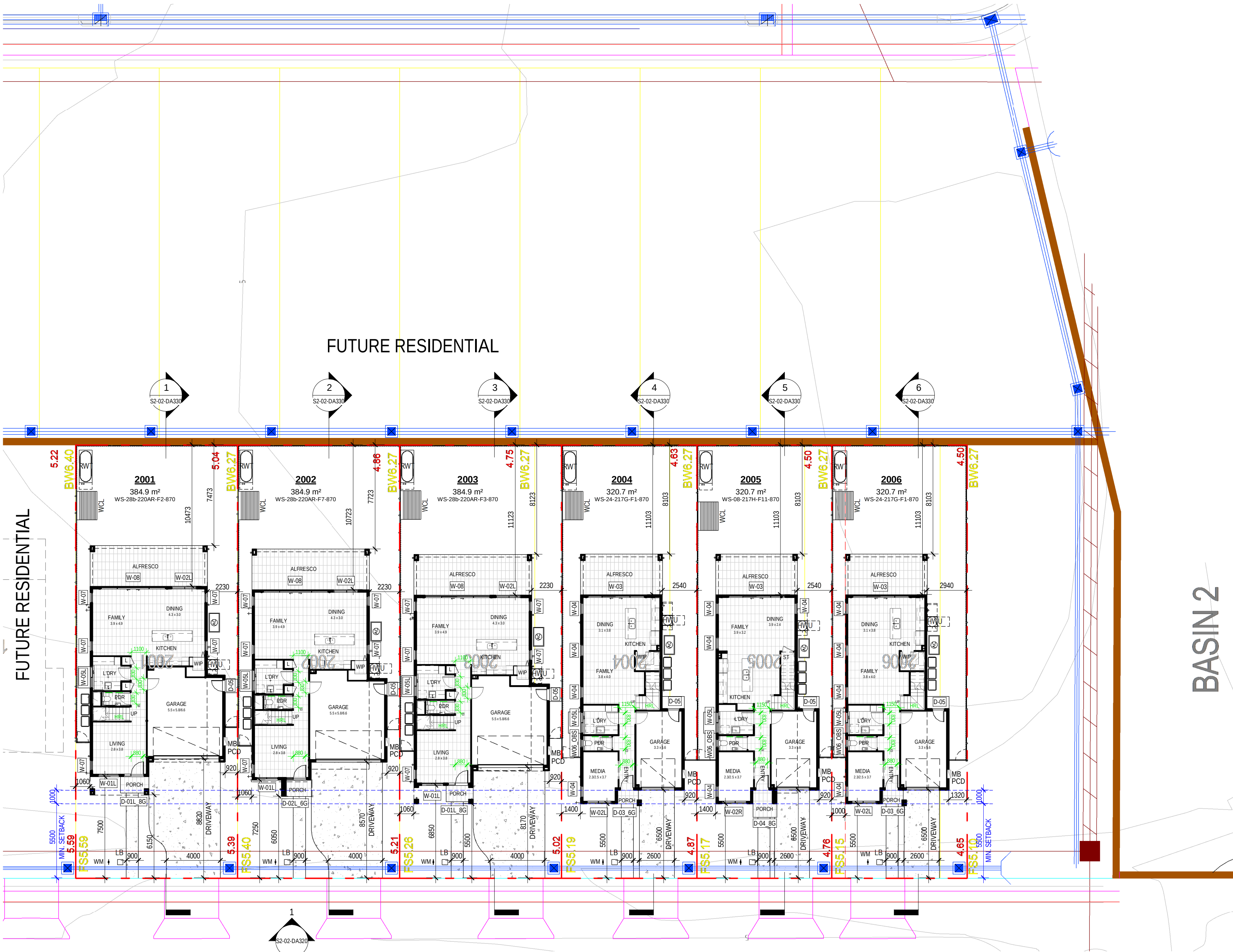
2006	Ground Floor	78.9 m²
2006	First Floor	91.8 m²
2006	Garage	21.4 m²
2006	Porch	1.7 m²
2006	Alfresco	18.2 m²
		211.9 m²

FLOOR PLAN	
720	DOOR LEAF SIZE - AS SHOWN @ 2340mm HIGH UNO
720L	DOOR LEAF SIZE - DOOR WITH LEFT OFF HINGES
AC	AIRCON CONDENSER
ACD	AIRCON DUCT
ACE	AIRCON EVAPORATOR
APG	ALUMINUM PERGOLA TO DETAIL
BAL	BAULSTRADING
BAT	BATTERY STORAGE UNIT
BH	BULKHEAD OVER
BS	STRUCTURAL BEAM OVER TO ENGINEER'S DETAIL
BOW	BOTTOM OF WALL LEVEL
C	CUPBOARD
CL	CLOTHES LINE
CSD	CAVITY SLUICE DOOR
CT	COOKTOP
D	DOOR
DP	DOWNPIPE
DPS	DOWNPIPE & SPREADER
DS	DRIVER SPACE
DW	DESHWASHER SPACE
EGL	EXISTING GROUND LEVEL
EXHE	EXHAUST TO EAVES OR SOFFIT
EXHR	EXHAUST TO ROOF
EXHW	EXHAUST TO WALL
F	REFRIGERATOR SPACE
FRL	FINISHED RELATIVE LEVEL
FSC	FREE STANDING COOKER
GD	GARAGE DOOR OPENING AS SPECIFIED
GM	GAS METER
HC	HOBSE COOK
HCR	HOBSE COOK RECYCLE
HDC	HARDWARE DISTRIBUTION CABINET
HH	HEAD OF OPENING - HEIGHT AS NOTED
HRL	HANDRAIL - 1000mm HIGH MIN.
HWU	HOT WATER UNIT
HWU	INSTANTANEOUS HOT WATER UNIT
INS	INSULATION
INV	INVERTER
L	LINE
LB	LETTER BOX
LHW	LOW HEIGHT WALL - HEIGHT AS NOTED
LWD	LINE OF WALL OVER
MB	ELECTRICAL METERBOX
MH	MARKED ACCESS PANEL
MR	METAL ROOF - PITCH AS NOTED
MW	MICROWAVE SPACE
NBN	NATIONAL BROADBAND NETWORK
NCOP	NON-COMBUSTIBLE DOWNPIPE (NSW ONLY)
OF	OVERFLOW
P	PANTRY
PCD	PREMISES CONNECTION DEVICE
PWM	NON-POTABLE RECYCLED WATER TREAT.
RH	RANGEHOOD
RL	REDUCED LEVEL
RWH	RAINWATER HEAD
RWT	RAINWATER TANK
S	STORAGE
SD	STEPDOWN
SA	SMOKE ALARM
SCR	SCREEN
SK	SINK
SL	SATLIGHT OVER
SN	SHOWER NICHE
SP	STRUCTURAL POST TO ENGINEER'S DETAIL
SRL	STRUCTURAL RELATIVE LEVEL
SS	SERVICE STRUCK
SS	STORAGE
TOW	TOP OF WALL LEVEL
TP	TIMBER POST - SIZE AS NOTED
TPG	TIMBER PERGOLA TO DETAIL
TR	TILED ROOF - PITCH AS NOTED
UBD	UNDER BENCH OVER
VJ	VERTICAL JOINT
W	WINDOW
WP	WALK-IN PANTRY
WMS	WASHING MACHINE SPACE
WM	WATER METER
WO	WALL OVER
WTC	RAINWATER TANK CONTROL
XXOP	ENGAGED PERIS SPACINGS VARIES. CENTRES TO DIM'S DESIGN

LIVABLE HOUSING
THESE DESIGNS MEET COUNCIL'S CONTROLS AS OUTLINES IN SECTION 3.1.1 LIVABLE HOUSING OF THE RESIDENTIAL ACCOMMODATION DCP ONLY

--- INDICATES WALL WITH REINFORCEMENT TO
--- ENABLE INSTALLATION OF FUTURE
--- GREENGLASS
--- GREEN DIMENSIONS INDICATE MINIMUM CLEARANCES

WET AREA WALLS:
WALLS AROUND THE TOILET, SHOWER AND BATH TO BE REINFORCED TO SUPPORT SAFE INSTALLATION OF FUTURE GRABRAILS BY OCCUPANTS



1 DA/T/P - GROUND FLOOR PLAN - LOT 2001-2006
1 : 200

ASHFORD AVENUE

MIRVAC DESIGN
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client:
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project:
WSU - MILPERRA
2 Bullecourt Avenue, Milperra NSW 2214
Stage: 2 Site: 2.2 Lot: 2001-2006

title:
GROUND FLOOR PLANS

job no: MB-10197
drawing no: S2-02-DA210
scale @ A1 : 1 : 200
date: 29.11.24 rev: B



WINDOW SCHEDULE - 2001				
Window No.	Type	Height	Width	Description
W-01L	SA2018T L SPECIAL	2035	1570	2058H x 1570W SA2007T WITHIN
W-02L	SA2018T L SPECIAL	2035	1810	2058H x 1810W SA2008T WITHIN
W-05L	SX02116 L	2100	1570	
W-07	SA2007T	2035	730	
W-07	SA2007T	2035	730	
W-07	SA2007T	2035	730	
W-07	SA2007T	2035	730	
W-08	SX02448	2400	4780	
W-09	SX02132	2100	3162	
W-10	SA1326 SPECIAL	1370	2650	1200H x 2650W SA1207 WITHIN
W-14	SA1307	1370	730	
W-14	SA1307	1370	730	
W-23	SA1007 OBS	1030	730	OBSCURE
W-24R	SA1014 R OBS	1030	1450	OBSCURE
W-25R	SA1322 L	1370	2170	
W-26	SF1308	1370	850	
W-27	SAA1222	1200	2170	
W-27	SAA1222	1200	2170	

WINDOW SCHEDULE - 2002					
Window No.	Type	Height	Width	Description	
W-01L	SA2018T L SPECIAL	2035	1570	2056H x 1570W SA2007T WITHIN	
W-02L	SA2018T L SPECIAL	2035	1810	2056H x 1810W SA2008T WITHIN	
W-05L	SA2021L L L	2100	1570		
W-07	SA2007T	2035	730		
W-07	SA2007T	2035	730		
W-07	SA2007T	2035	730		
W-07	SA2007T	2035	730		
W-08	SA2024L	2400	4700		
W-10	SA123S SPECIAL	1370	2650	1200H x 2650W SA1207T WITHIN	
W-11	SA123S SPECIAL	1200	3780	1200H x 3780W SA1208 WITHIN	
W-14	SA1307	1370	730		
W-14	SA1307	1370	730		
W-23	SA1007 OBS	1030	730	OBSCURE	
W-24R	SA1014 R OBS	1030	1450	OBSCURE	
W-25L	SA1322 L	1370	2170		
W-26	PF120S	1370	850		
W-27	SAA1222	1200	2170		
W-27	SAA1222	1200	2170		

WINDOW SCHEDULE - 2003				
Window No.	Type	Height	Width	Description
W-01L	SA2016T L SPECIAL	2035	1570	2035H x 1570W / SA2007T WITHIN
W-02L	SA2018T L SPECIAL	2035	1810	2035H x 1810W SA2008T WITHIN
W-05L	SKX2116 L	2100	1570	
W-07	SA2007T	2035	730	
W-07	SA2007T	2035	730	
W-07	SA2007T	2035	730	
W-07	SA2007T	2035	730	
W-07	SA2007T	2035	730	
W-08	SKX2448	2400	4780	
W-09	SDX2132	2100	3162	
W-10	SA1326 SPECIAL	1370	2650	1200H x 2650W / SA1207 WITHIN
W-14	SA1307	1370	730	
W-14	SA1307	1370	730	
W-23	SA1007 OBS	1030	730	OBSOLETE
W-24R	SA1014 R OBS	1030	1450	OBSOLETE
W-25L	SA1322 L	1370	2170	
W-26	SF1302	1370	850	
W-27	SAA1222	1200	2170	
W-27	SAA1222	1200	2170	

WINDOW SCHEDULE - 2004				
Window No.	Type	Height	Width	Description
W-02L	SA00181_L SPICAL	2035	1810	2035H x 1810W SA00267 WITHIN
W-03	SKD0242	2400	4180	
W-04	SA00267	2035	850	
W-04	SA00267	2035	850	
W-04	SA00267	2035	850	
W-04	SA00267	2035	850	
W-05L	SKD0211L	2100	1570	
W-06	SA1005_OBS	1030	610	OBSOLETE
W-12L	SA1318_L	1370	1810	
W-13	SA1308	1370	850	
W-13	SA1308	1370	850	
W-14	SA1307	1370	730	
W-18	SF2007	2035	730	
W-19	SF2007	1370	730	
W-20	SA1209_OBS	1370	850	OBSOLETE
W-21R	SA1318_R	1370	1810	
W-21R	SA1318_R	1370	1810	
W-21R	SA1318_R	1370	1810	

WINDOW SCHEDULE - 2005				
Window No.	Type	Height	Width	Description
W-02R	SA20181_R SPECIAL	2035	1810	2035H x 1810W SA2008T WITHIN
W-03	SA20042	2400	4850	
W-04	SA2008T	2035	850	
W-04	SA2008T	2035	850	
W-04	SA2008T	2035	850	
W-05L	SXD2116_L	2100	1570	
W-06	SA1008 OBS	1030	610	OBSCURE
W-07	SA1307	1370	730	
W-15R	SA1320_R SPECIAL	1370	2080	1370H x 2080W SA1308 WITHIN
W-16	AF2006	2035	610	
W-17	SF0613 SPECIAL	600	1340	600H x 1340W
W-18	SF2007	2035	730	
W-19	SF1307	1370	730	
W-20	SA1008 OBS	1370	850	OBSCURE
W-21R	SA1318_R	1370	1810	
W-21R	SA1318_R	1370	1810	
W-22	SA0607	600	730	

WINDOW SCHEDULE - 2006				
Window No.	Type	Height	Width	Description
W-02L	SA2018T_L	2035	1810	2035H x 1810W SA2008T WITHIN
	SPECIAL			
W-03	SX0242	2400	4180	
W-04	SA2008T	2035	850	
W-04	SA2008T	2035	850	
W-04	SA2008T	2035	850	
W-04	SA2008T	2035	850	
W-06L	SX02106 L	2100	1570	
W-06L	SA1008 OBS	1030	850	OBSURE
W-12L	SA1318_L	1370	1610	
W-13	SA1308	1370	850	
W-13	SA1308	1370	850	
W-14	SA1307	1370	730	
W-18	SF2007	2035	730	
W-19	SF1307	1370	730	
W-20	SA1308 OBS	1370	850	OBSURE
W-21R	SA1318_R	1370	1610	
W-21R	SA1318_R	1370	1810	
W-21R	SA1318_R	1370	1810	

TOTAL GROSS BUILDING AREAS		
Lot No.	Name	Area
2001	Ground Floor	88.2 m ²
2001	First Floor	117.0 m ²
2001	Garage	37.2 m ²
2001	Alfresco	26.1 m ²
2001	Porch	2.6 m ²
2001	Balcony	6.0 m ²

2002	Ground Floor	88.1 m ²
2002	First Floor	118.5 m ²
2002	Garage	37.1 m ²
2002	Porch	2.6 m ²
2002	Alfresco	26.1 m ²
		272.5 m ²

2003	Ground Floor	88.3 m ²
2003	First Floor	117.0 m ²
2003	Garage	37.2 m ²
2003	Porch	2.4 m ²
2003	Alfresco	26.1 m ²
2003	Balcony	6.0 m ²
		277.1 m ²

2004	Ground Floor	78.9 m ²
2004	First Floor	91.8 m ²
2004	Garage	21.4 m ²
2004	Porch	1.7 m ²
2004	Alfresco	18.2 m ²
		211.9 m ²

2005	Ground Floor	78.9 m ²
2005	First Floor	92.5 m ²
2005	Garage	21.4 m ²
2005	Porch	3.5 m ²
2005	Alfresco	18.2 m ²
		214.5 m ²

2006	Ground Floor	78.9 m ²
2006	First Floor	91.8 m ²
2006	Garage	21.4 m ²
2006	Porch	1.7 m ²
2006	Alfresco	18.2 m ²
		211.9 m ²

FLOOR PLAN	
T20	DOOR LEAF SIZE - AS SHOWN @ 230mm HIGH UNO
T20L	DOOR LEAF SIZE - DOOR WITH LEFT-OFF HINGERS
AC	AC
AD	AIRCON DUCT
ACE	AIRCON EVAPORATOR
AL	ALUMINUM RAILPOST TO DETAIL
BA	BALUSTRADE
BAT	BATHING STORAGE UNIT
BK	BULKHEAD OVER
BE	BELOW GRADE - BEAM OVER TO ENGINEER'S DETAIL
BOW	BOTTOM OF BEAM IN WALL OVER
CB	CURB
CL	CLOTHES LINE
CSL	CAVITY SUBER DOOR
CD	COOKTOP
D	DOOR
DP	DOWNPIPE
DS	DOWNPIPE & SPREADER
DS	DRIVER SPACE
DR	DRIVERING SPACE
ESL	EXISTING GROUND LEVEL
EXH	EXHAUST TO ROOF OR SPLIT
EXH2	EXHAUST TO EAVES OR SPLIT
EXH3	EXHAUST TO WALL
F	REFRIGERATOR SPACE
FL	FLOORING RELATIVE LEVEL
FR	FREE STANDING CLOSET
GM	GARAGE DOOR OPENING AS SPECIFIED
GM	CASH METER
HC	HOLE COOK
HOC	HOLE COOK RECYCLE
HDC	HARDWARE DISTRIBUTION CABINET
HDP	HOLE OPENING - HEIGHT AS NOTED
HNU	HOT WATER - 1200mm HIGH WATER
HW	HOT WATER UNIT
HWU	INSTANTANEOUS HOT WATER UNIT
INS	INSULATION
NU	INVERTER
L	LINEN
LB	LETTER BOX
LHW	LOW HEIGHT WALL - HEIGHT AS NOTED
LW	LEVEL OF WALL OVER
MB	ELECTRICAL METER
MC	MULTIMETER ACCESS PANEL
MT	METAL ROOF - PITCH AS NOTED
MC	MECHANICAL SPACE
MN	MINOR, BROADBAND NETWORK
ND	NO DRAINAGE TO DOWNPIPE (NSV ONLY)
OV	OVERFLOW
P	PANTRY
PD	POSSIBLE TUBES/DOWNPipes (NSV ONLY)
PWM	NO POTAL RECYCLED WATER SYSTEM
RI	RAMPCHORD
RD	REDUCED LEVEL
RWT	RAINWATER HEAD
RWT	RAINWATER TANK
SA	STORAGE
SA	STEPS
SA	SMOKE ALARM
SC	SCREEN
SK	SKIRK
SK	SKYLIGHT OVER
SK	SHOWERS HEAD
SP	STRUCTURAL POST TO ENGINEER'S DETAIL
SR	STRUCTURAL RELATIVE LEVEL
ST	STOVE/STACK
ST	STORAGE
TOW	TOP OF WALL
TW	TIMBER POST - SIZE AS NOTED
TPG	TIMBER PERGOLA TO DETAIL
TR	TILED ROOF - PITCH AS NOTED
UN	UNDER BENCH OVER
VJ	VERTICAL JUNCTION
VJ	VERTICAL
W	WALL
WP	WALL & PANTRY
WMS	WASHING MACHINE SPACE
WM	WATER METER
WD	WALL OVERS
WTC	RAINWATER TANK CONTROL
WXP	ENGAGE PERS SPACING VIBRES
	WXP TO ENGINEER DETAIL

LIVABLE HOUSING
THESE DESIGN MEETS COUNCIL'S CONTROLS AS OUTLINES
IN SECTION 11.1 LIVABLE HOUSING OF THE RESIDENTIAL
ACCOMMODATION DCP ONLY

- INDICATES WALL WITH REINFORCEMENT TO
ALLOW INSTALLATION OF FUTURE
GRABRAILS
- GREEN DIMENSIONS INDICATE MINIMUM
CLEARANCES

WET AREA WALLS:
WALLS AROUND THE TOILET, SHOWER AND BATH TO
BE REINFORCED TO SUPPORT SAFE INSTALLATION OF
FUTURE GRABRAILS BY OCCUPANTS

DOOR SCHEDULE - 2001			
Door No.	Height	Leaf Width	O/A Frame Width
D-01L_8G	2400	920	1500
D-05	2100	820	900

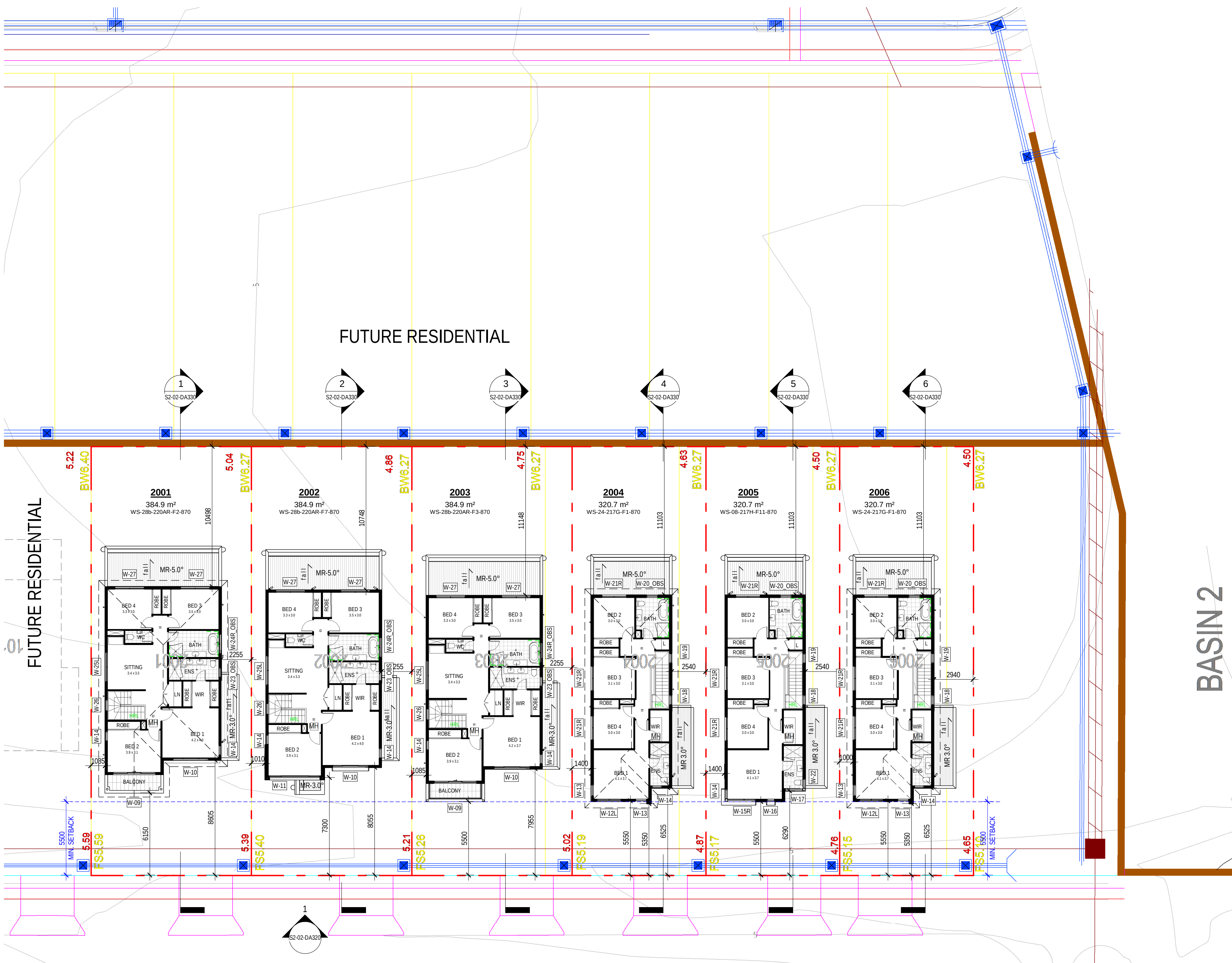
DOOR SCHEDULE - 2002			
Door No.	Height	Leaf Width	O/A Frame Width
D-02L_6G	2400	920	1500
D-05	2100	820	900

DOOR SCHEDULE - 2003			
Door No.	Height	Leaf Width	O/A Frame Width
D-01L_8G	2400	920	1500
D-05	2100	820	900

DOOR SCHEDULE - 2004			
Door No.	Height	Leaf Width	O/A Frame Width
D-03 6G	2400	920	1000
D-05	2100	820	900

DOOR SCHEDULE - 2005			
Door No.	Height	Leaf Width	O/A Frame Width
D-04 8G	2400	920	1000
D-05	2100	820	900

DOOR SCHEDULE - 2006			
Door No.	Height	Leaf Width	O/A Frame Width
D-03 6G	2400	920	1000
D-05	2100	820	900



1 D/TP - FIRST FLOOR PLAN - LOT 2001-2006
1 : 200

ASHFORD AVENUE

0mm

100mm

200mm

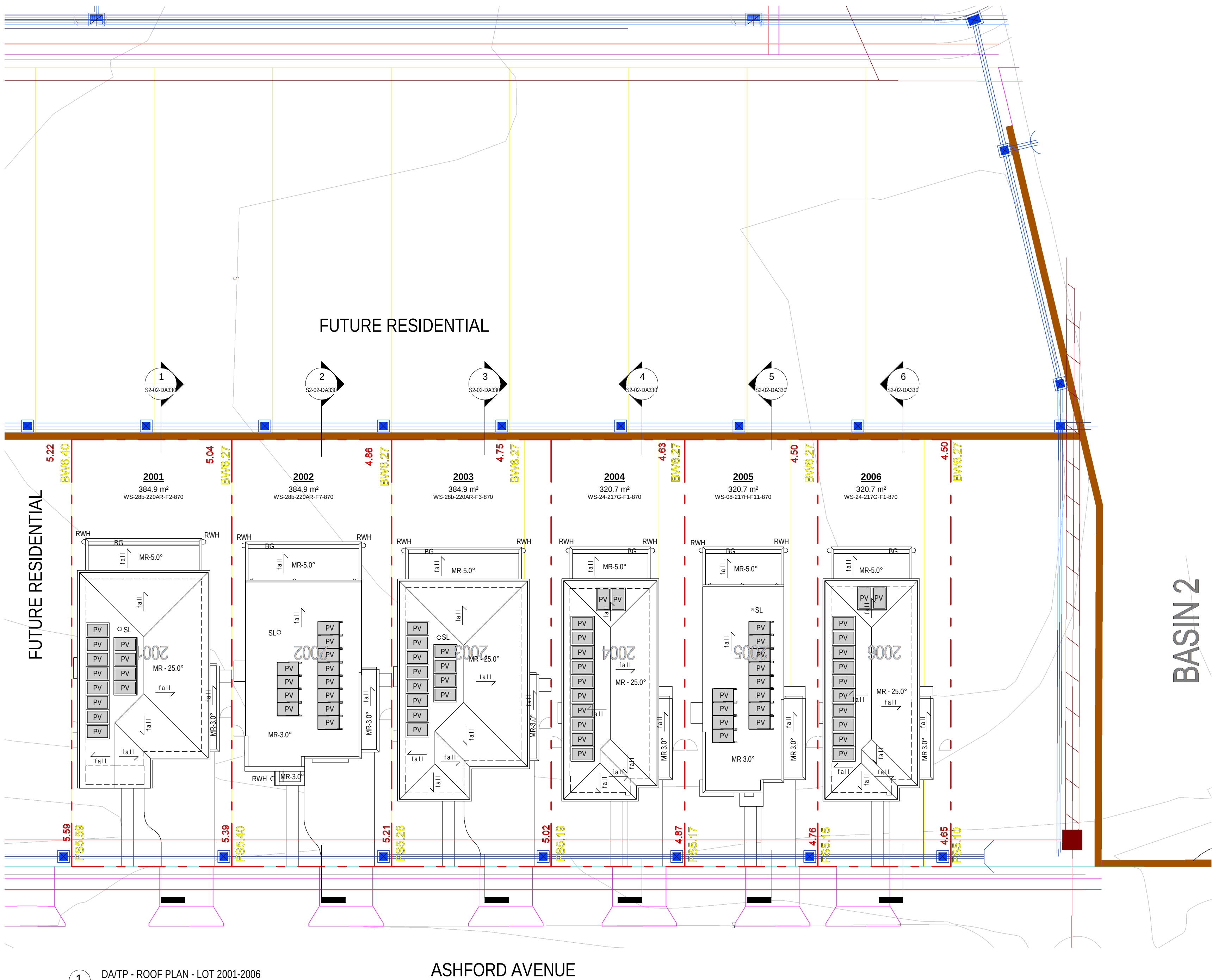
300mm

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300mm

ROOF PLAN	
APG	ALUMINUM PERGOLA TO DETAIL
BG	BOX GUTTER
DP	DOWNPipe
GPS	DOWNPipe & SPREADER
GP-100	DOWNPipe 100mm DIA
EXHR	EXHAUST TO ROOF
MR	METAL ROOF
OP	OVERFLOW
PV	PHOTOVOLTAIC SOLAR PANEL
RWH	RAINWATER HEAD
SHMP	SOLAR HOT WATER PANEL
SL	SKY LIGHT
TPS	TIMBER PERGOLA TO DETAIL
TR	TILED ROOF - PITCH AS NOTED
	RATED SUFFIT
	PBS RATED LAVERS OFFIT



1 DA/TP - ROOF PLAN - LOT 2001-2006
1 : 200

ASHFORD AVENUE

BASIN 2





Certificate No. #HR-6RN3FS-01

Scan QR code or follow website link for rating details.

Assessor name: Haylea Edwards
Accreditation No: HERA 10213
Property Address: 2 Bullecourt Avenue, Milperra, NSW, 2214
<http://www.hera-software.com.au/pdf/HR-6RN3FS-01>



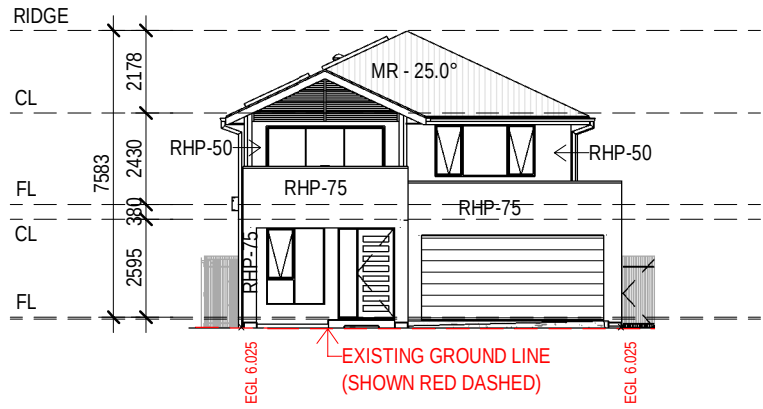
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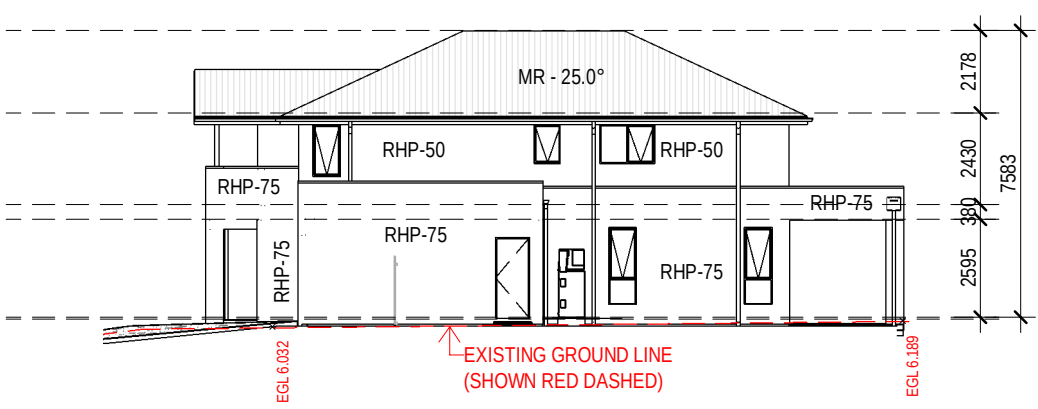
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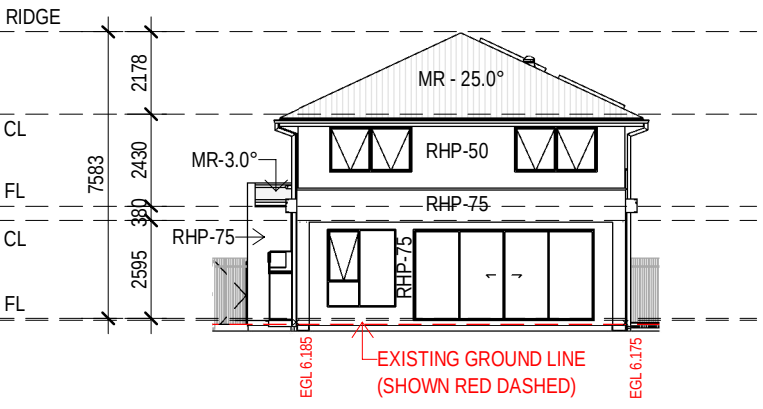
EXTERNAL FINISHES WALL TYPE	
EXTENT OF FINISHES INDICATED ONLY. REFER TO FINISHES SCHEDULE	
FBW	FACE BRICKWORK
RBW	RENDERED BRICKWORK
RHP-75	RENDERED REBEL PANEL 75
RHP-50	RENDERED REBEL PANEL 50
VB	LIGHTWEIGHT CLADDING - VERTICAL REBEL TIMBER LOOK
TL	TILE FEATURE CLADDING
LWC-H	LIGHT WEIGHT CLADDING - HORIZONTAL
LWS	RENDERED LIGHTWEIGHT SHEET CLADDING
LWS-B	PAINTED LIGHTWEIGHT SHEET CLADDING WITH FEATURE BATTENS
MC	COLOURBOND METAL CLADDING



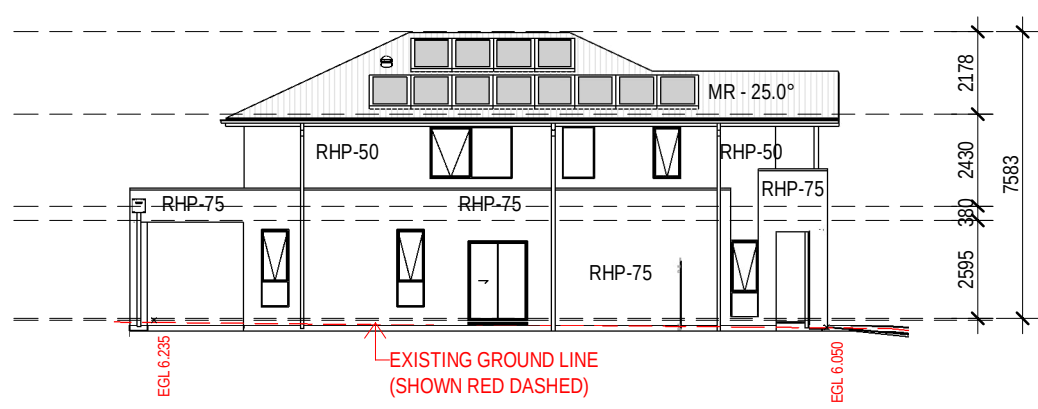
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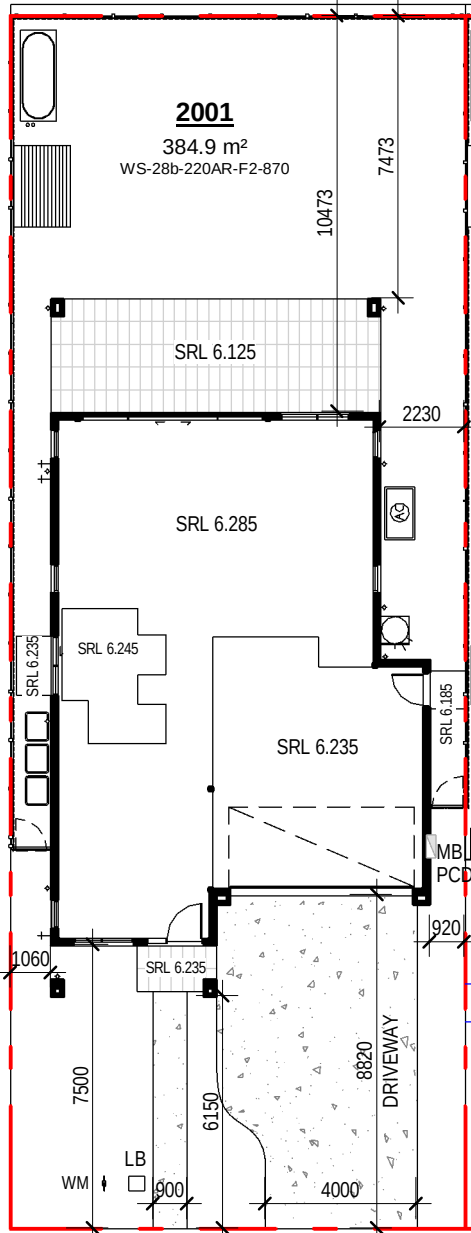
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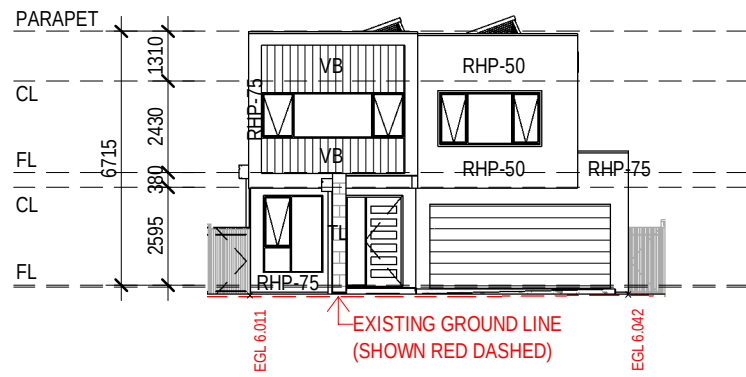
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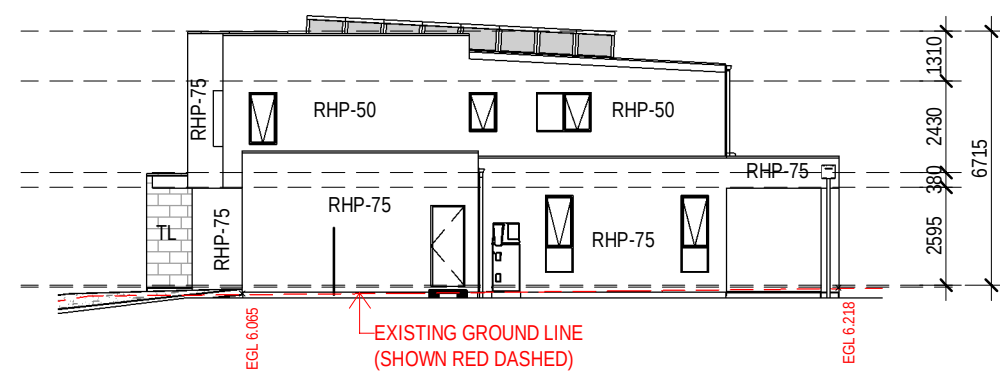
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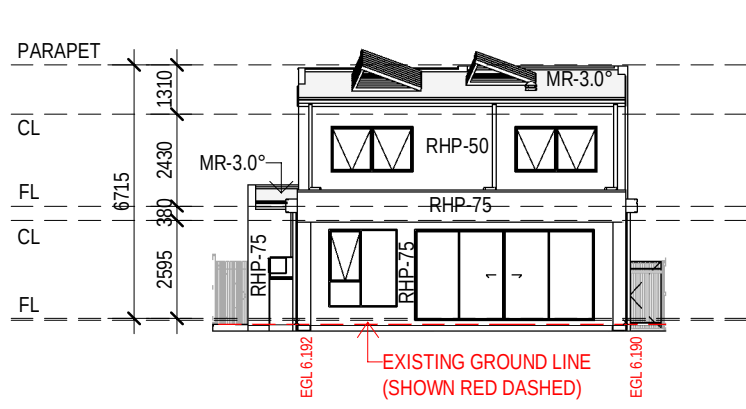
5 LOT 2001 - NOTIFICATION PLAN
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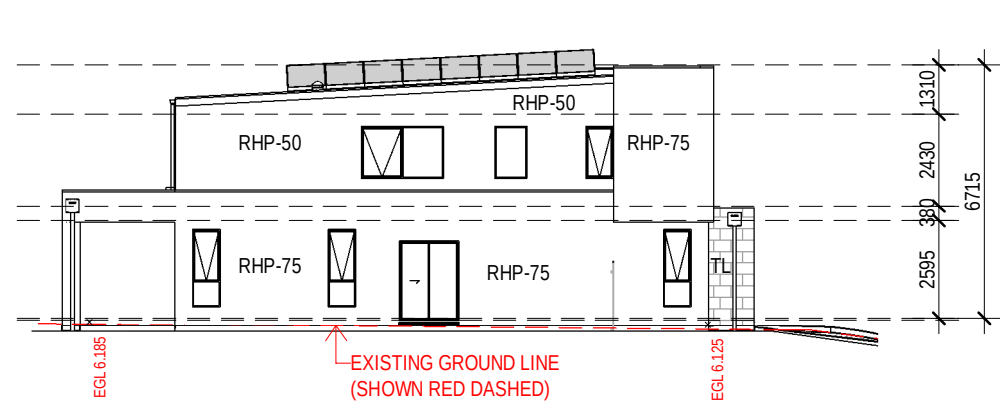
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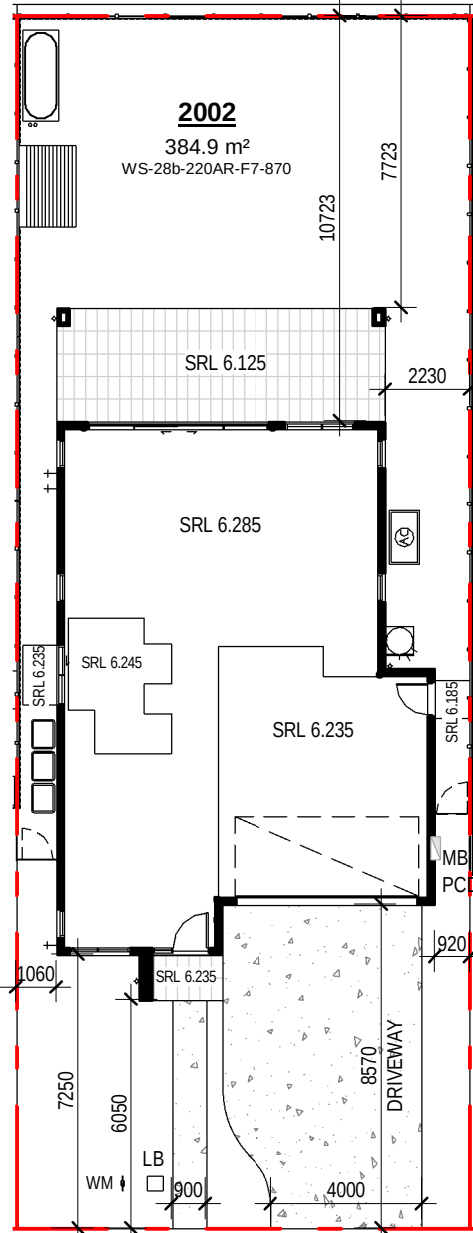
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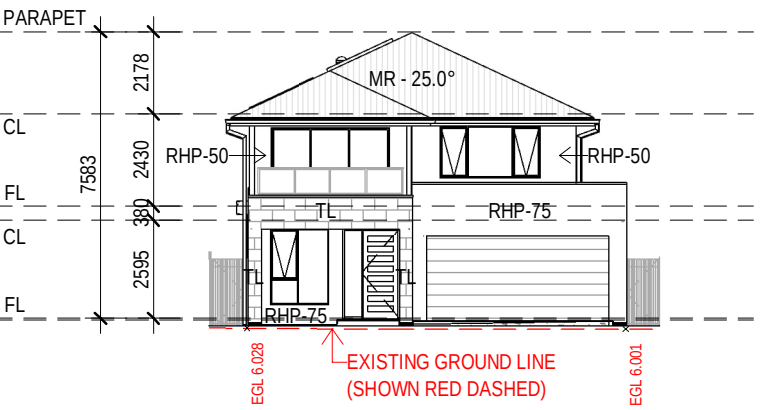
8 2002 - REAR
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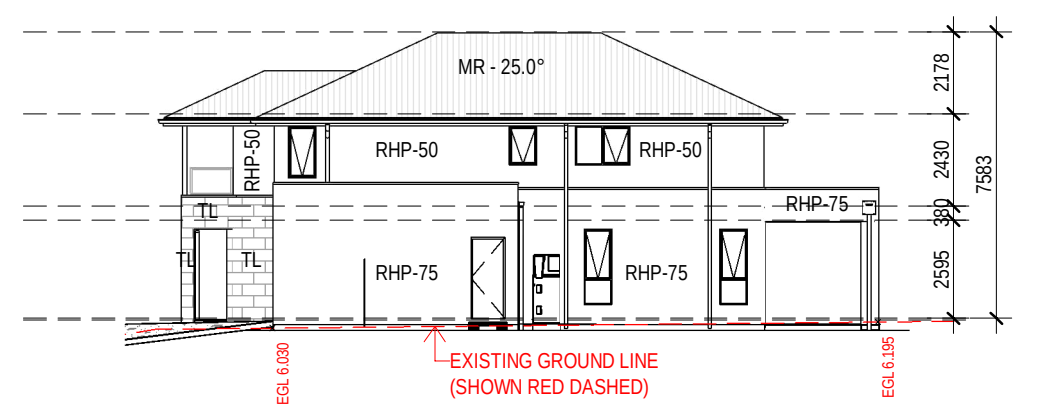
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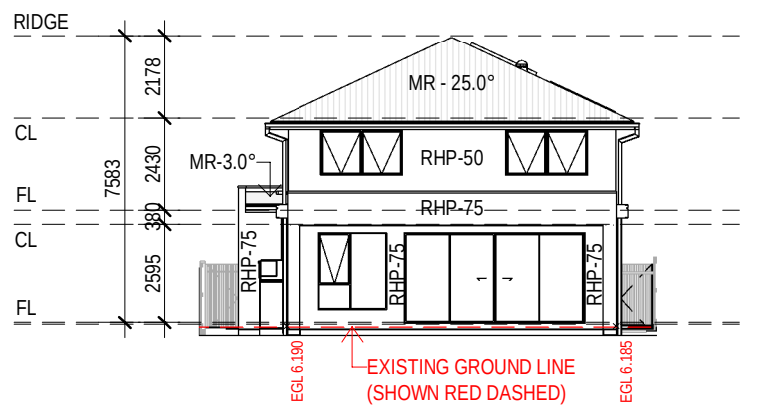
10 LOT 2002 - NOTIFICATION PLAN
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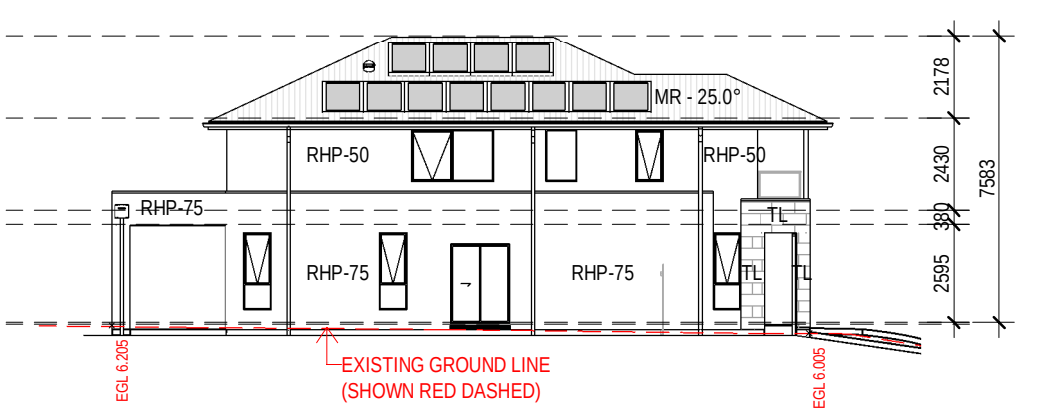
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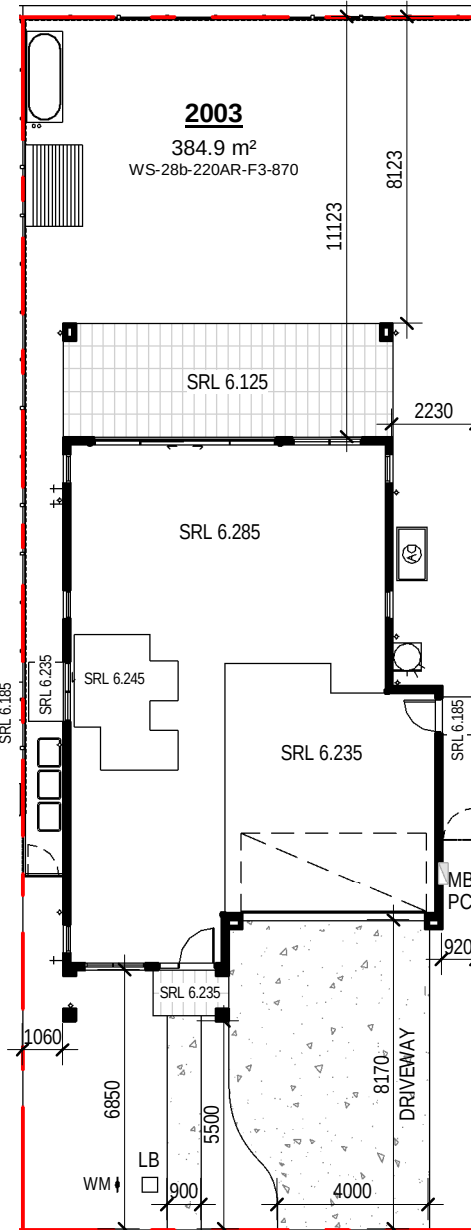
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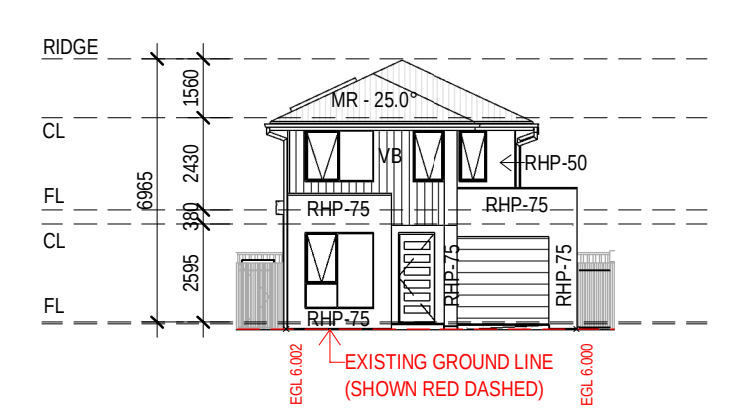
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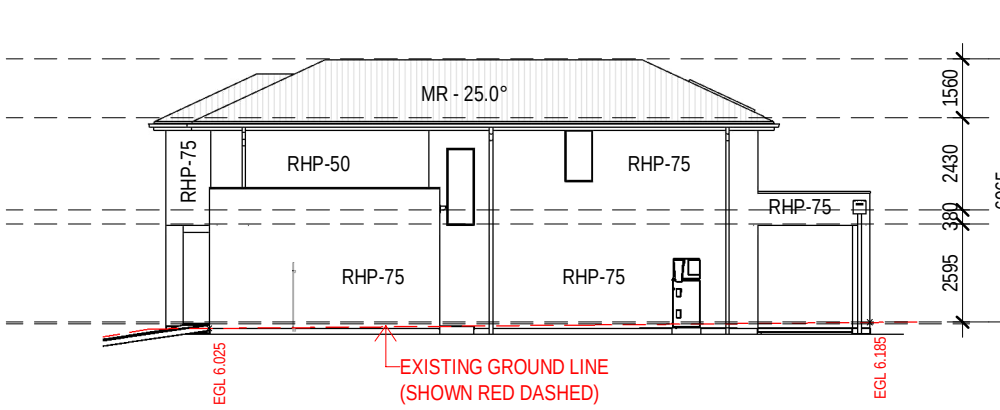
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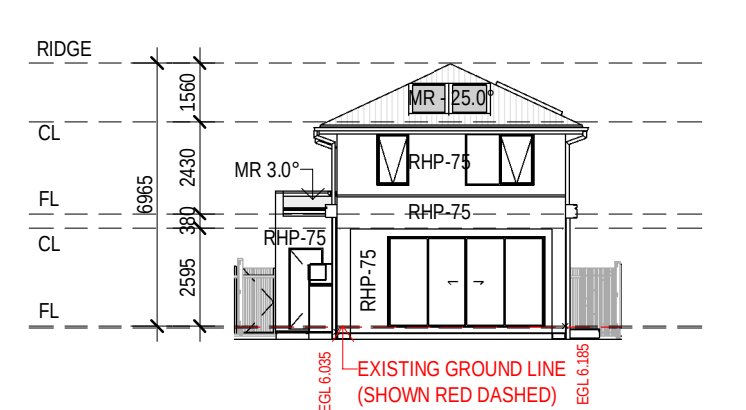
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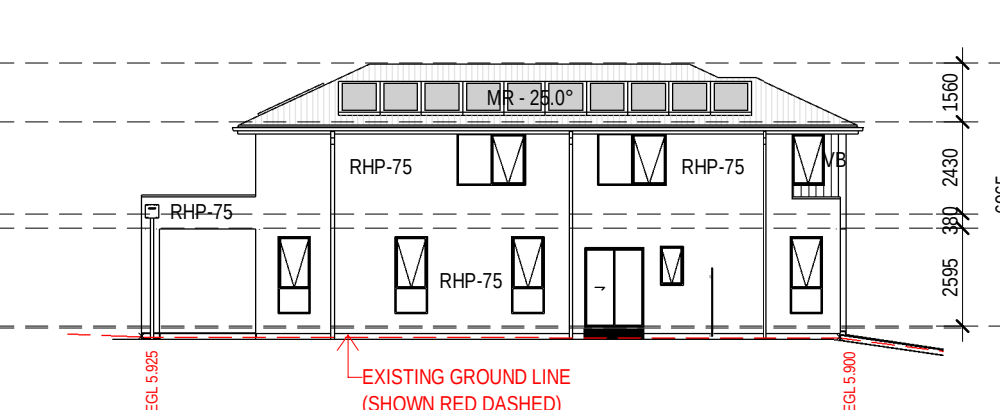
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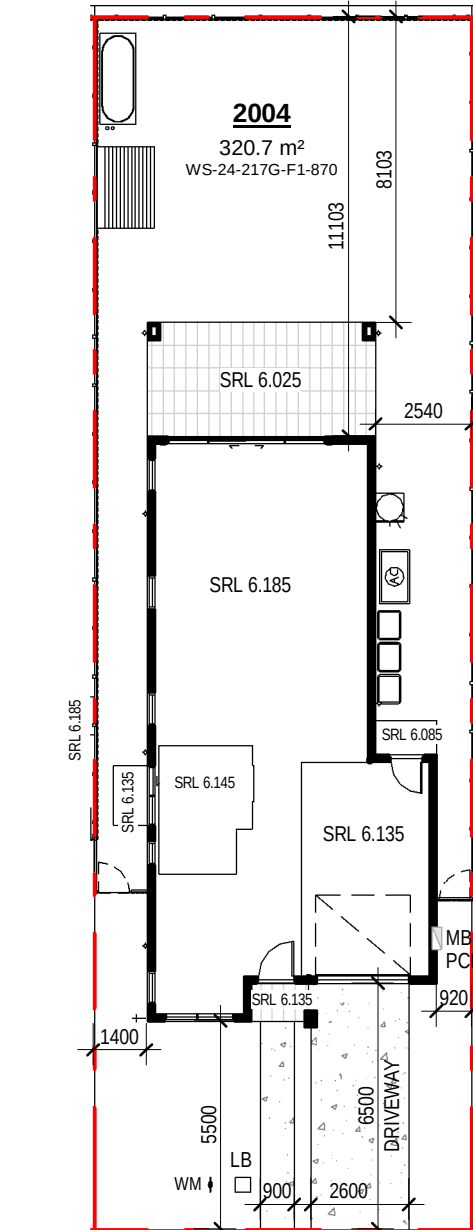
17 2004 - SIDE A
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18 2004 - REAR
1:200



19 2004 - SIDE B
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20 LOT 2004 - NOTIFICATION PLAN
1:200

29.11.24
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086

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A
rev

ISSUE FOR DA
ISSUE FOR CONSULTANTS
amendment

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DESIGN

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Sydney NSW 2000
Tel: 02 9260 8000
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Mirvac Design Nominees / Responsible Architects
Anita Verma, Michael Meyer, David Hirst, Parvathy Sridhar, Andrew La
https://www.mirvacdesign.com/nominees-and-architects

client
mirvac

project:
WSU - MILPERRA
2 Bullecourt Avenue, Milperra NSW 2214
Stage: 2 Site: 2.2 Lot: 2001-2006

title:
NEIGHBOURING NOTIFICATION
PLAN - LOT 2001-2004

job no: MB-10197
drawing no: S2-02-DA250
scale at A1 : 1:200
date: 29.11.24 rev: B



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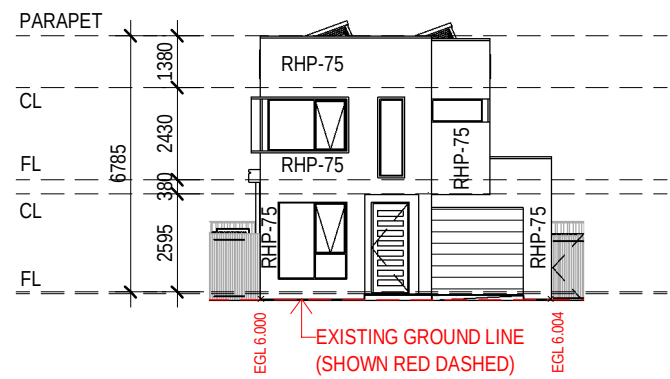
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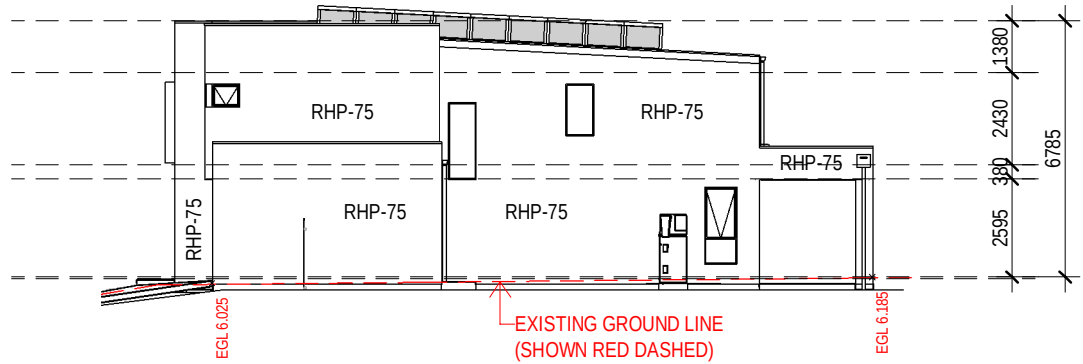
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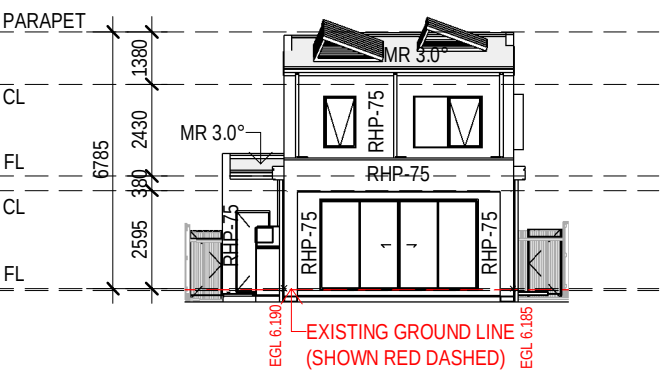
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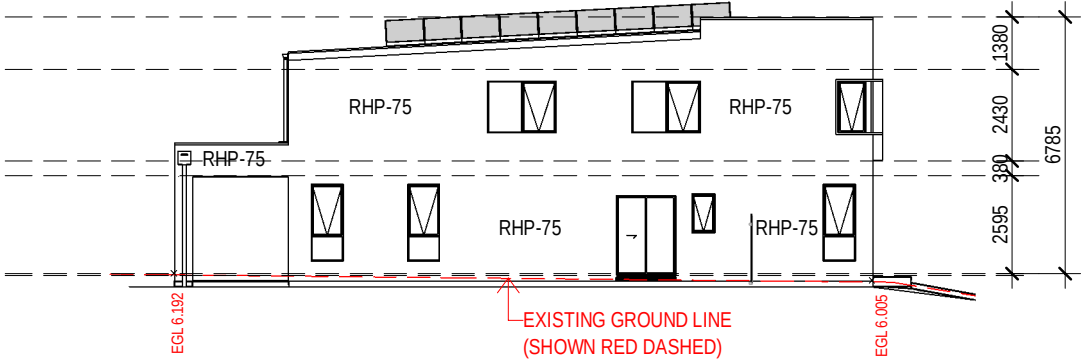
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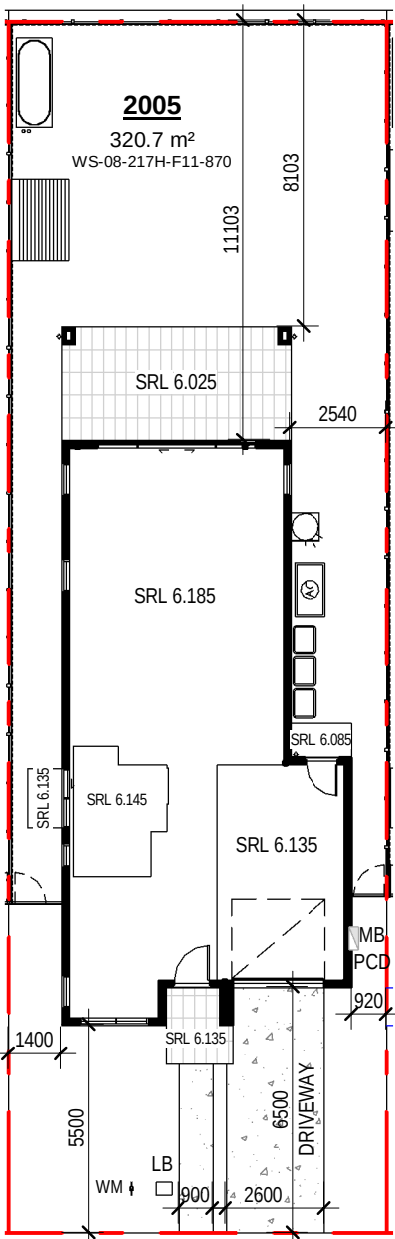
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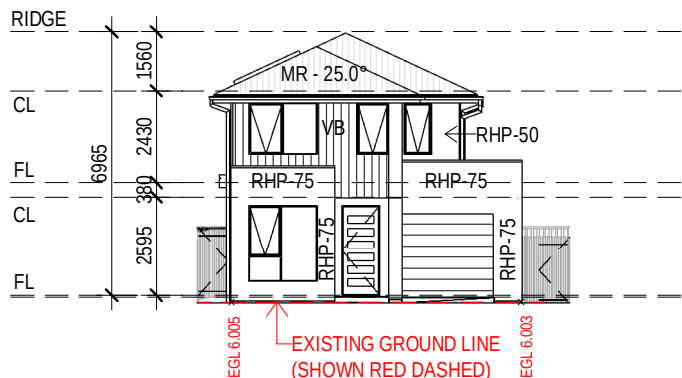
3 2005 - REAR
1 : 200



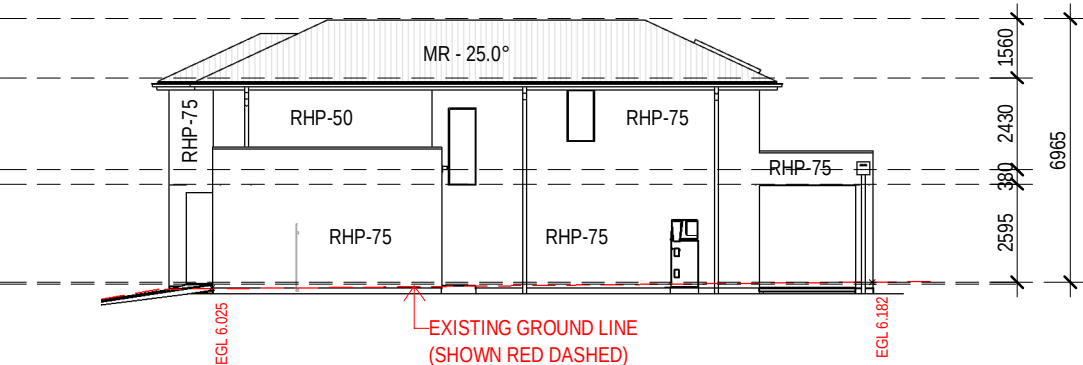
4 2005 - SIDE B
1 : 200



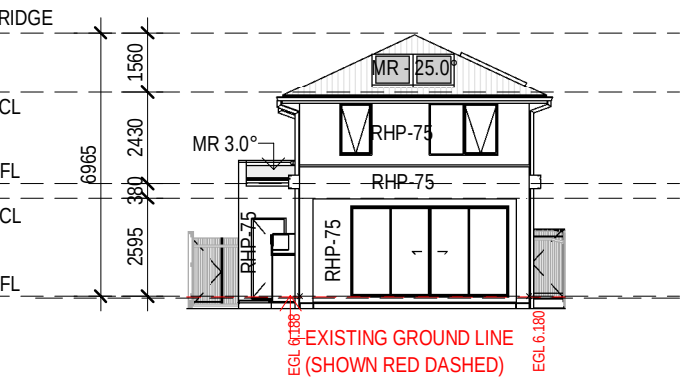
5 LOT 2005 - NOTIFICATION PLAN
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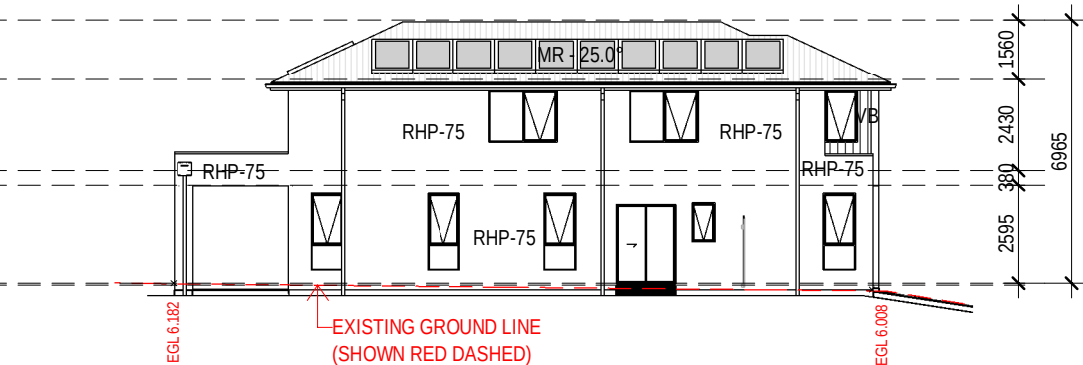
6 2006 - FRONT
1 : 200



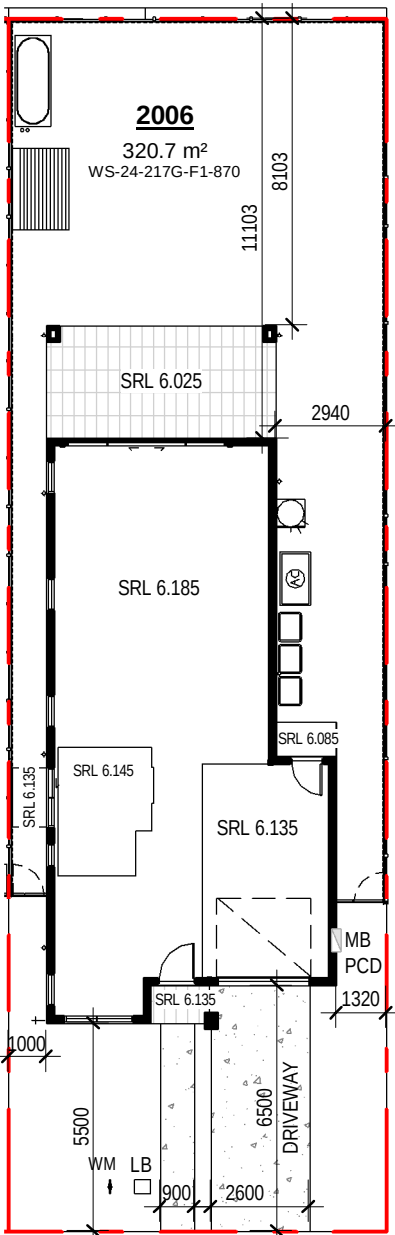
7 2006 - SIDE A
1 : 200



8 2006 - REAR
1 : 200



9 2006 - SIDE B
1 : 200



10 LOT 2006 - NOTIFICATION PLAN
1 : 200

EXTERNAL FINISHES WALL TYPE	
EXTENT OF FINISHES INDICATED ONLY. REFER TO FINISHES SCHEDULE	
FBW	FACE BRICKWORK
RBW	RENDERED BRICKWORK
RHP-75	RENDERED REBEL PANEL 75
RHP-50	RENDERED REBEL PANEL 50
VB	LIGHTWEIGHT CLADDING - VERTICAL RIB TIMBER LOOK
TL	TILE FEATURE CLADDING
LWC-H	LIGHT WEIGHT CLADDING - HORIZONTAL
LWS	RENDERED LIGHTWEIGHT SHEET CLADDING
LWS-B	PAINTED LIGHTWEIGHT SHEET CLADDING WITH FEATURE BATTENS
MC	COLOURBOND METAL CLADDING



0mm

100mm

200mm

300mm

100mm

200mm

300mm



1 FRONT ELEVATION - LOT 2001-2006
1 : 100

29.11.24	B	ISSUE FOR DA
15.11.24	A	ISSUE FOR CONSULTANTS
686	REV	amendment

MIRVAC DESIGN
Level 28 200 George St
Sydney NSW 2000
Tel: 02 9556 8000
Mirvac Design Pty Ltd
ABN 70 007 959 331
Mirvac Design Nominees / Responsible Architects
Antia Verma, Michael Wilmer, David Hino, Farmington, Stralander, Andrew Li
https://www.mirvacdesign.com/nominees-architects



project:
WSU - MILPERRA
2 Bullecourt Avenue, Milperra NSW 2214
Stage: 2 Site: 2.2 Lot: 2001-2006

title:
COLOURED STREETSCAPES - FRONT

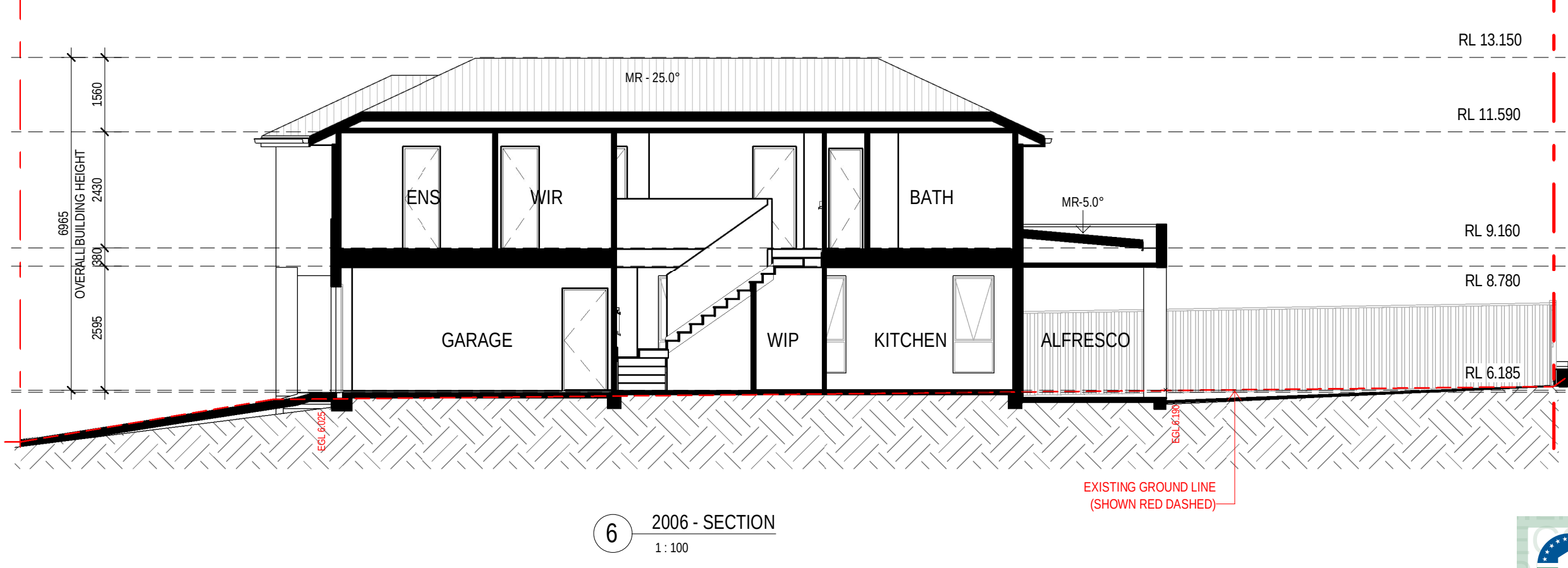
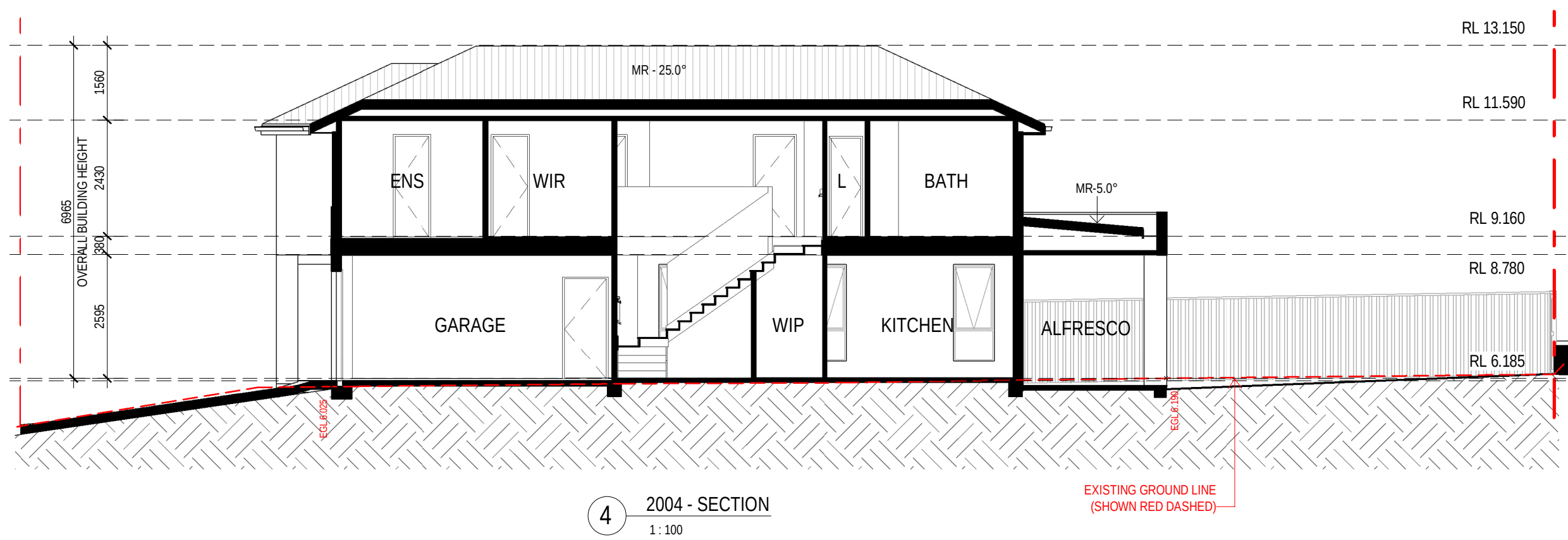
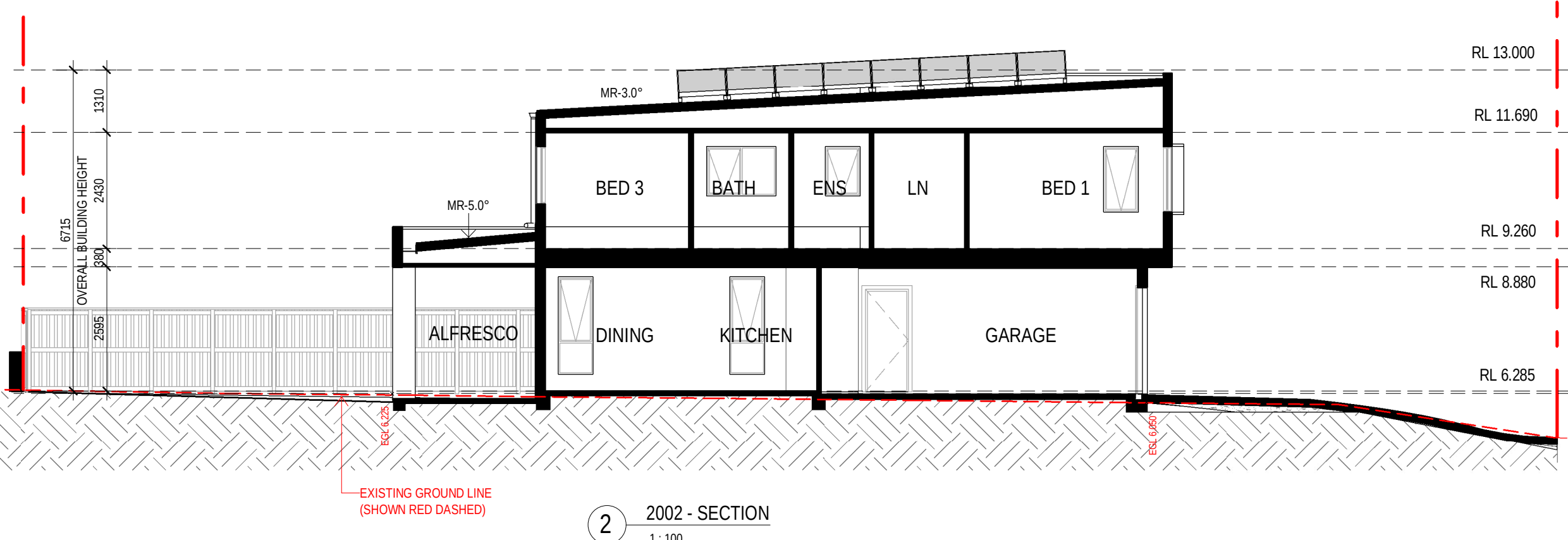
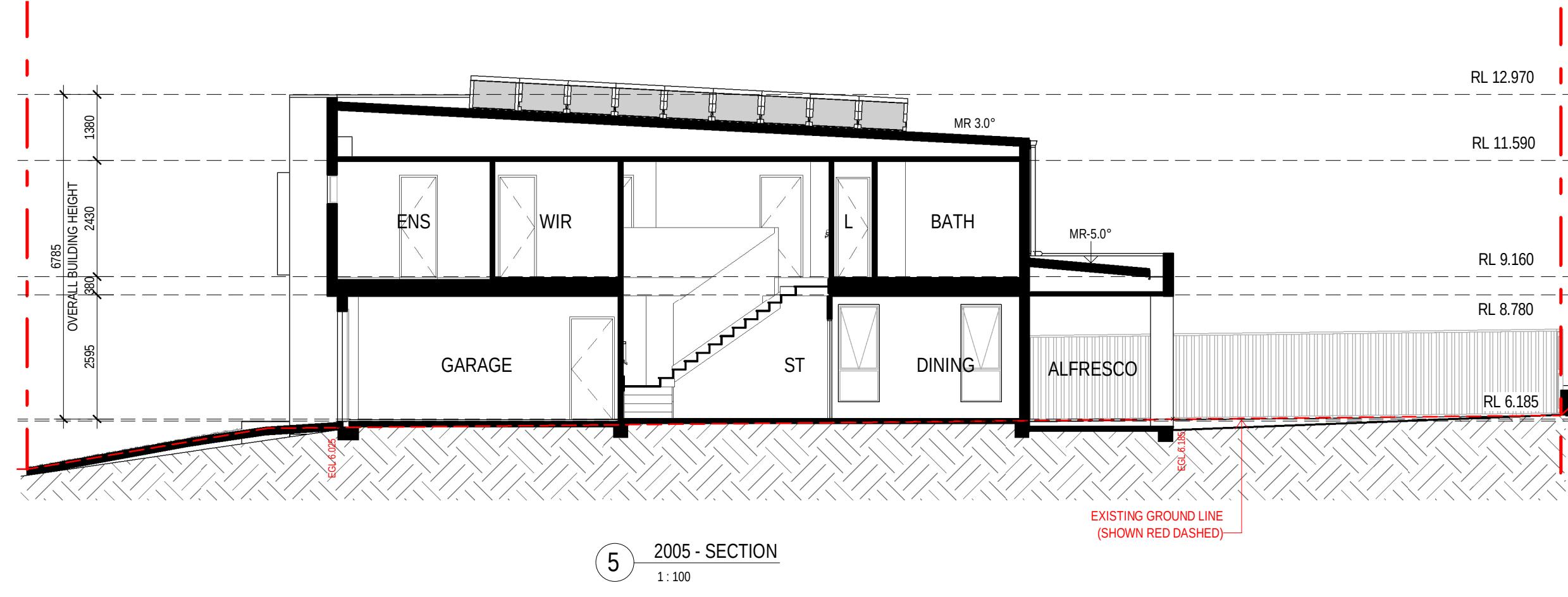
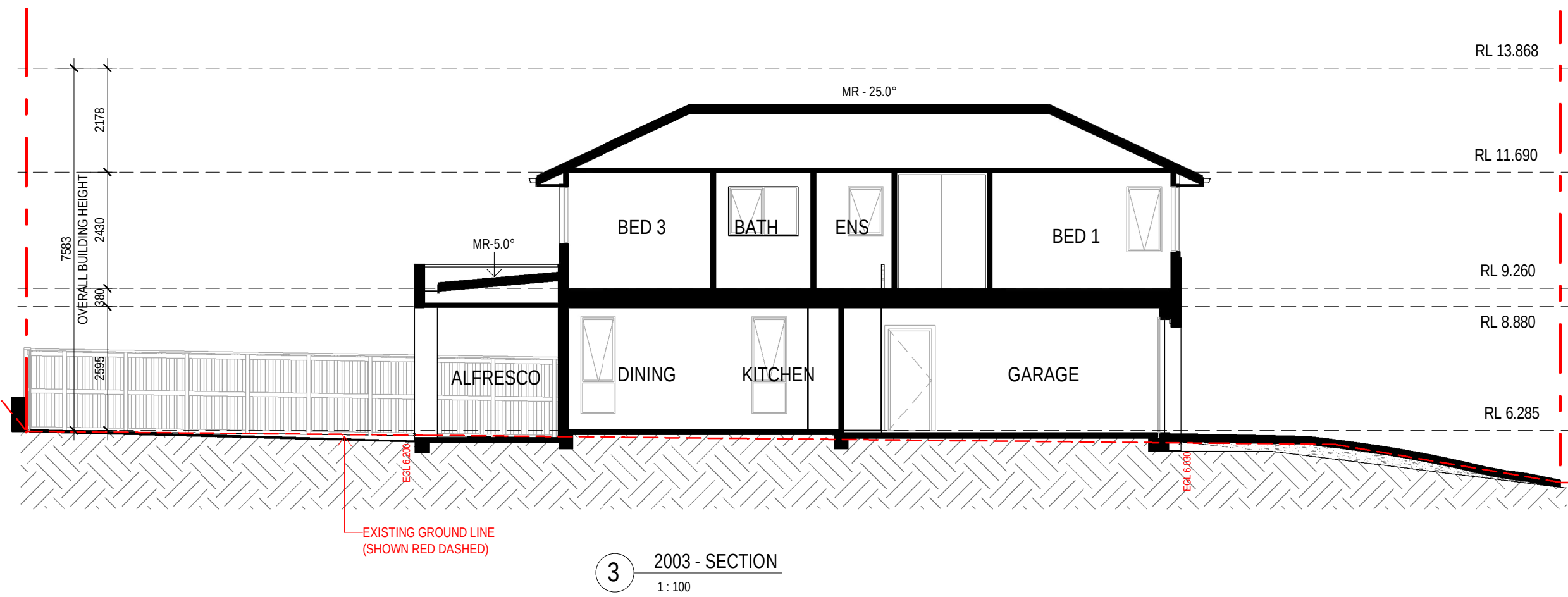
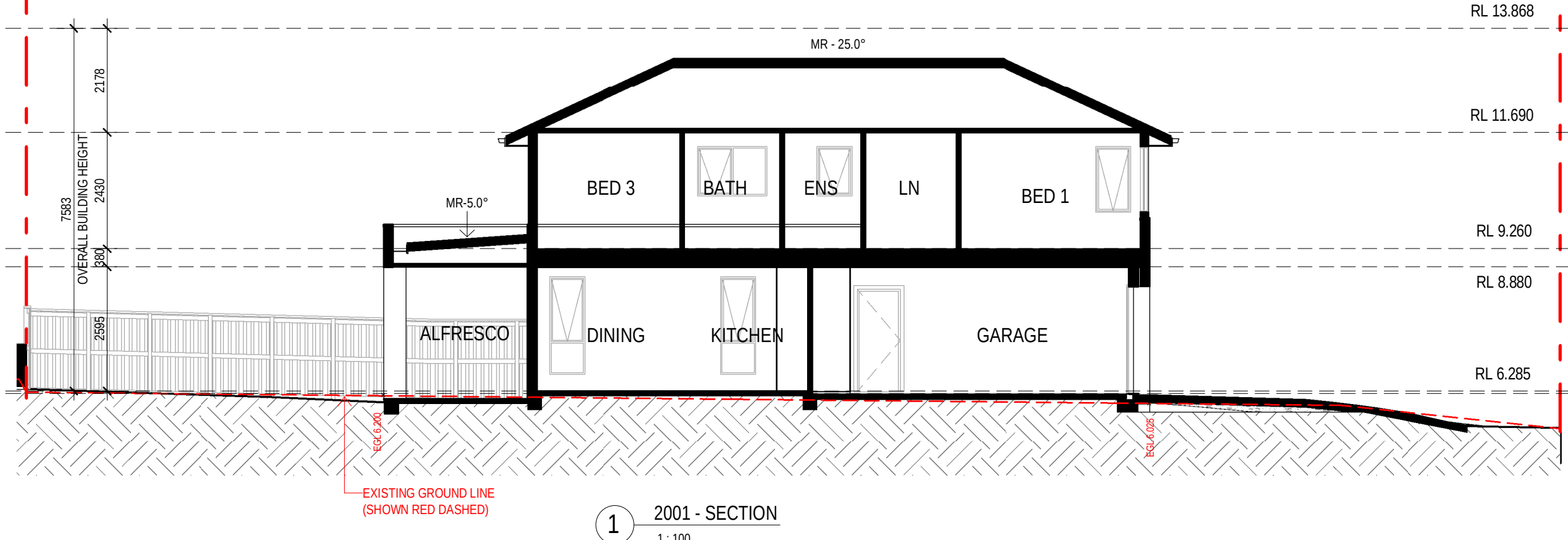
job no: MB-10197
drawing no: S2-02-DA320
scale @ A1 : 1 : 100
date: 29.11.24 rev: B



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100mm
200mm
300mm

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100mm
200mm
300mm

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100mm
200mm
300mm



ELEVATION / SECTION	
AC	AIRCON CONDENSER
ACD	AIRCON DUCT
ACE	AIRCON EVAPORATOR
APD	ALUMINIUM PERGOLA TO DETAIL
BAL	BALUSTRADE
BAT	BATTERY STORAGE UNIT
BH	BULKHEAD OVER
BOW	BOTTOM OF WALL LEVEL
C	CURBROAD
CL	CLOTHESLINE
D	DOOR
DP	DOWNSPIPE
DPS	DOWNSPIPE & SPREADER
EGL	EXISTING GROUND LEVEL
EXHE	EXHAUST TO EAVES OR SOFFIT
EXHR	EXHAUST TO ROOF
EXHW	EXHAUST TO WALL
FCL	FINISHED CEILING LEVEL
FRL	FINISHED RELATIVE LEVEL
GD	GARAGE DOOR OPENING AS SPECIFIED
GM	GAS METER
HC	HOSE COCK
HCR	HOSE COCK RECYCLE
HDC	HARDWARE DISTRIBUTION CABINET
HH	HEAD OF OPENING - HEIGHT AS NOTED
HRLL	HANDRAIL - 1000mm HIGH MIN.
HWU	HOT WATER UNIT
HWU	INSTANTANEOUS HOT WATER UNIT
INV	INVERTER
L	LINEA
LB	LETTER BOX
LHW	LOW HEIGHT WALL - HEIGHT AS NOTED
MB	ELECTRICAL METREBOX
MR	METAL ROOF - PITCH AS NOTED
NBN	NATIONAL BROADBAND NETWORK
NCDP	NON COMBUSTIBLE DOWNSPIPE (NSW ONLY)
OP	OVERSLOW
PB	PLASTERBOARD
PCD	PREMISES CONNECTION DEVICE
PWM	NON POTABLE RECYCLED WATER METER
RL	REDUCED LEVEL
RWH	RAINWATER HEAD
RWT	RAINWATER TANK
S	SCREEN
SD	STEPPED DOWN
SCR	SCREEN
SL	SKYLIGHT OVER
SP	STRUCTURAL POST TO ENGINEERS DETAIL
SRL	STRUCTURAL RELATIVE LEVEL
ST	STORAGE
TOW	TOP OF WALL LEVEL
TP	TIMBER POST - SIZE AS NOTED
TPG	TIMBER PERGOLA TO DETAIL
TR	TILED ROOF - PITCH AS NOTED
VJ	VERTICAL JOINT
W	WINDOW
WM	WATER METER
WT	WALL TYPE
WTC	RAINWATER TANK CONTROL



①



2



O_Lot No	O_House Type	8am	9am	10am	11am	12pm	1pm	2pm	3pm	4pm	Solar Compliance*
2001	WS-28b-220AR-F2-870	75.0 m²	102.1 m²	107.3 m²	106.9 m²	95.7 m²	81.01 m²	63.9 m²	42.8 m²	34.6 m²	Yes
2002	WS-28b-220AR-F7-870	71.4 m²	103.4 m²	104.4 m²	96.5 m²	82.4 m²	63.44 m²	34.6 m²	0.0 m²	0.0 m²	Yes
2003	WS-28b-220AR-F3-F870	85.0 m²	111.3 m²	109.8 m²	101.1 m²	86.7 m²	67.70 m²	36.8 m²	0.0 m²	0.0 m²	Yes
2004	WS-24-217G-F1-870	72.4 m²	92.7 m²	92.8 m²	83.8 m²	73.3 m²	58.12 m²	34.2 m²	0.0 m²	0.0 m²	Yes
2005	WS-08-217H-F11-870	77.7 m²	94.6 m²	94.0 m²	89.1 m²	73.6 m²	58.71 m²	34.8 m²	0.0 m²	0.0 m²	Yes
2006	WS-24-217G-F1-870	84.1 m²	96.8 m²	94.4 m²	83.8 m²	73.4 m²	58.37 m²	33.3 m²	0.0 m²	0.0 m²	Yes

*NOTE : CALCULATIONS OF SOLAR COVERAGE IN ACCORD WITH THE DCP MIN 3 HRS OF 50% OF THE POS FROM 8:00AM - 4:00PM



①

		SOLAR COVERAGE IN POS									*NOTE : CALCULATIONS ACCORD WITH THE DCP POS FROM 8:00AM - 4:00P
Q_Lot No	Q_House Type	8am	9am	10am	11am	12pm	1pm	2pm	3pm	4pm	Solar Compliance*
2001	WS-28b-220AR-F2-870	75.0 m²	102.1 m²	107.3 m²	106.9 m²	95.7 m²	81.01 m²	63.9 m²	42.8 m²	34.6 m²	Yes
2002	WS-28b-220AR-F7-870	71.4 m²	103.4 m²	104.4 m²	96.5 m²	82.4 m²	63.44 m²	34.6 m²	0.0 m²	0.0 m²	Yes
2003	WS-28b-220AR-F3-870	85.0 m²	111.3 m²	109.8 m²	101.1 m²	86.7 m²	67.70 m²	36.8 m²	0.0 m²	0.0 m²	Yes
2004	WS-24-217G-F1-870	72.4 m²	92.7 m²	92.8 m²	83.8 m²	73.3 m²	58.12 m²	34.2 m²	0.0 m²	0.0 m²	Yes
2005	WS-08-217H-F11-870	77.7 m²	94.6 m²	94.0 m²	89.1 m²	73.6 m²	58.71 m²	34.8 m²	0.0 m²	0.0 m²	Yes
2006	WS-24-217G-F1-870	84.1 m²	96.8 m²	94.4 m²	83.8 m²	73.4 m²	58.37 m²	33.3 m²	0.0 m²	0.0 m²	Yes

Solar Compliance*

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200mm

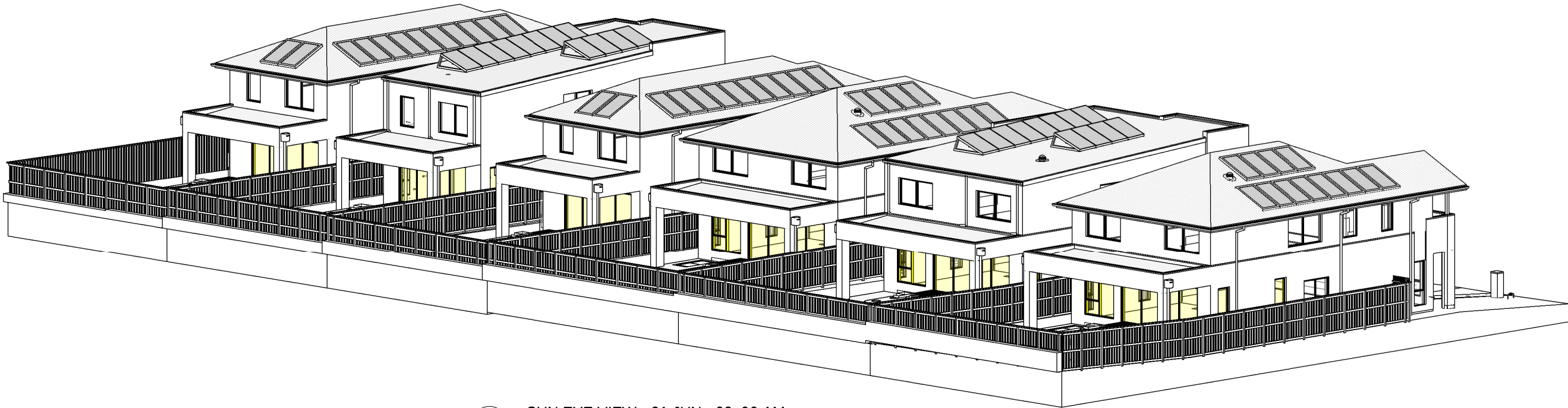
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SUN EYE VIEW NOTE:
GLAZING PROVIDING SUNLIGHT
TO LIVING AREAS

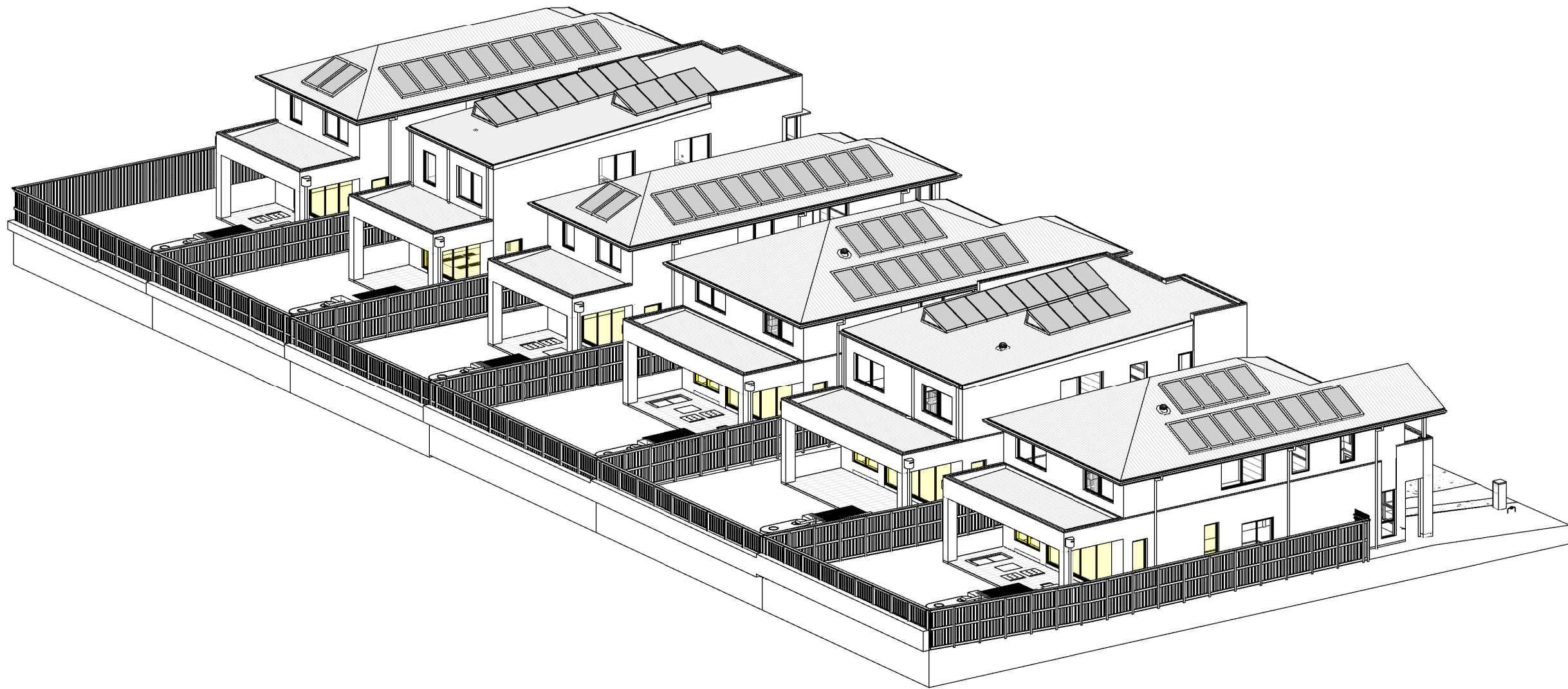
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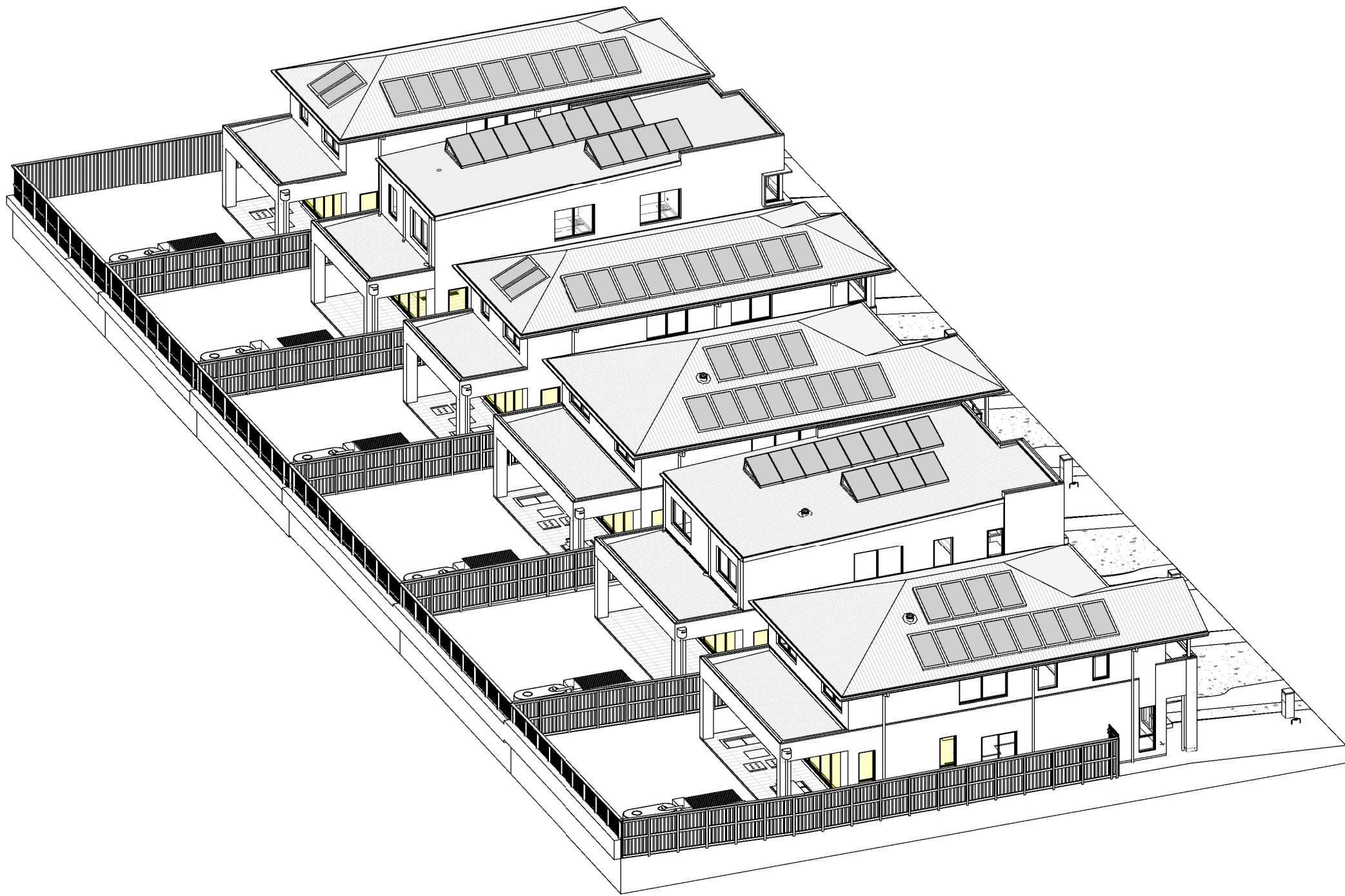
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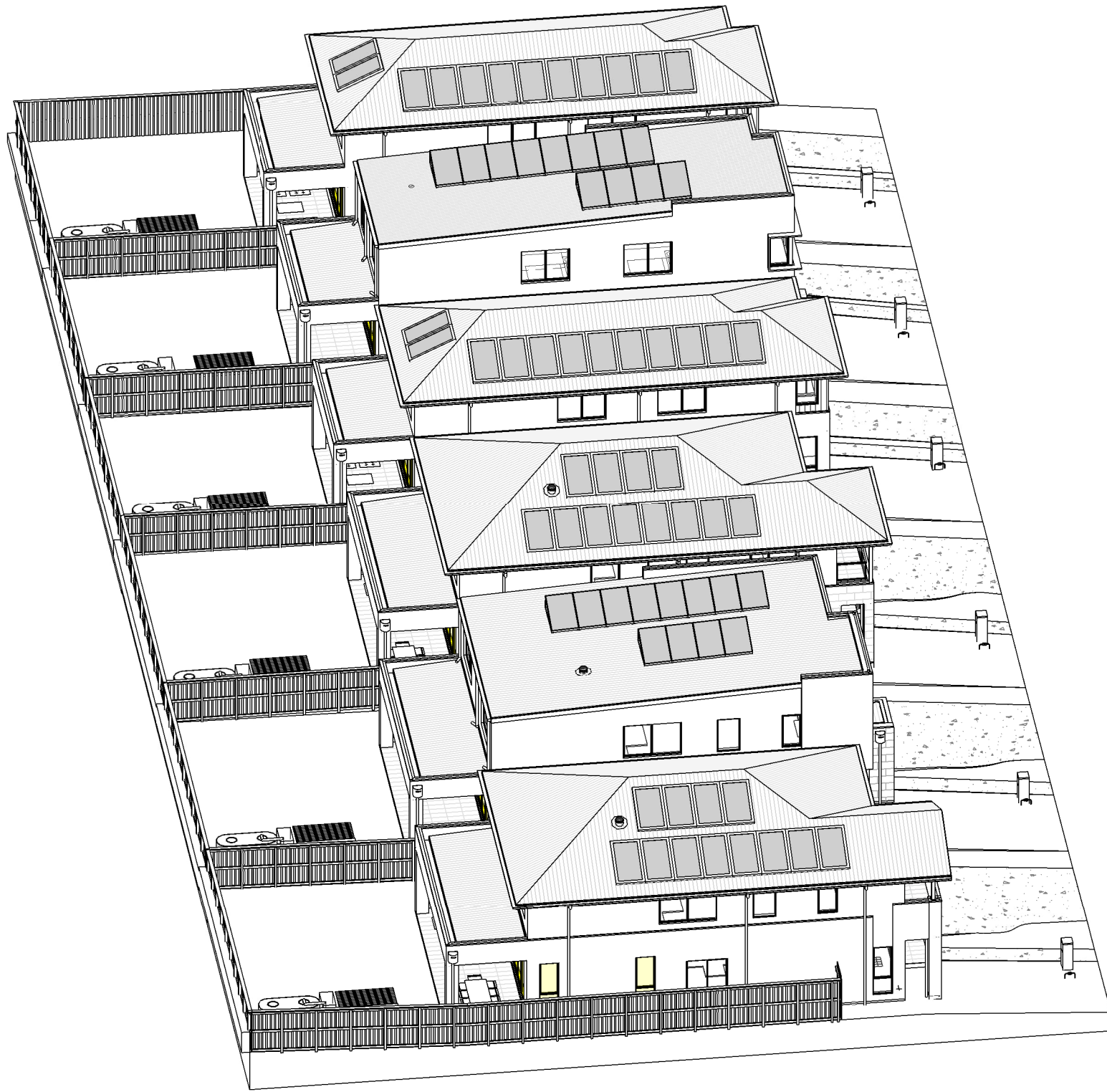
1 SUN EYE VIEW - 21 JUN - 08_00 AM



2 SUN EYE VIEW - 21 JUN - 09_00 AM



3 SUN EYE VIEW - 21 JUN - 10_00 AM



4 SUN EYE VIEW - 21 JUN - 11_00 AM

**Certificate No. #HR-6RN3FS-01**
Scan QR code or follow website link for rating details.

Assessor nameHaylea Edwards

Accreditation No.HERA 10213

Property Address2 Bullecourt Avenue, Milperra, NSW, 2214

<http://www.hero-software.com.au/pdf/HR-6RN3FS-01>



28.11.24	B	ISSUE FOR DA
15.11.24	A	ISSUE FOR CONSULTANTS
08/	REV	amendment

MIRVAC DESIGN
architects
urban design
interior design
landscape design

Milvack Design Pty Ltd
ABN 70 027 929 231

Milvack Design Nominees / Responsible Architects
Anna Verma, Michael Milner, David Hino, Farmington, Brisbane, Andrew La
<https://www.milvackdesign.com/nominees-architects>



client:
WSU - MILPERRA
2 Bullecourt Avenue, Milperra NSW 2214
Stage: 2 Site: 2.2 Lot: 2001-2006

title:
SUN EYE VIEWS - 21 JUNE
8AM/9AM/10AM/11AM

job no: MB-10197
drawing no: S2-02-DA410
scale @ A1 :
date: 29.11.24 rev: B



FUTURE RESIDENTIAL

FUTURE RESIDENTIAL

ASHFORD AVENUE

1 PRIVATE OPEN SPACE - LOT 2001-2006
1 : 200

POS AREA SCHEDULE	
Lot No	POS
2001	125.7 m²
2002	128.7 m²
2003	133.5 m²
2004	111.0 m²
2005	111.0 m²
2006	111.0 m²

LANDSCAPED AREA SCHEDULE				
Lot Number	Lot Area	Soft Landscape Area	Landscaped Area Provided (Min. 25% of Site Area)	Complies
2001	384.90 m²	179.78 m²	46.71%	Yes
2002	384.90 m²	180.39 m²	46.87%	Yes
2003	384.90 m²	182.93 m²	47.53%	Yes
2004	320.70 m²	175.91 m²	54.85%	Yes
2005	320.70 m²	175.24 m²	54.64%	Yes
2006	320.70 m²	175.91 m²	54.85%	Yes

FRONT LANDSCAPED AREA SCHEDULE				
Lot Number	Frontyard Area	Landscaped Frontyard Area	Landscaped Frontyard (min 40%)	Complies (min 40%)
2001	87.87 m²	47.06 m²	53.55%	Yes
2002	84.02 m²	44.89 m²	53.42%	Yes
2003	87.77 m²	42.25 m²	48.14%	Yes
2004	59.20 m²	37.37 m²	63.13%	Yes
2005	57.31 m²	36.70 m²	64.04%	Yes
2006	59.20 m²	37.77 m²	63.81%	Yes



0mm

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200mm

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FUTURE RESIDENTIAL

FUTURE RESIDENTIAL

ASHFORD AVENUE

1 GFA AREA - GROUND FLOOR PLAN - LOT 2001-2006
1 : 200

FUTURE RESIDENTIAL

FUTURE RESIDENTIAL

ASHFORD AVENUE

2 GFA AREA - FIRST FLOOR PLAN - LOT 2001-2006
1 : 200

SITE FSR			
Lot No	Gross floor area	Lot Area	FSR
2001	183.0 m ²	384.9 m ²	47.54%
2002	184.3 m ²	384.9 m ²	47.88%
2003	183.0 m ²	384.9 m ²	47.54%
2004	148.5 m ²	320.7 m ²	46.31%
2005	148.8 m ²	320.7 m ²	46.41%
2006	148.5 m ²	320.7 m ²	46.31%

Site - GFA schedule for FSR calc.		
Lot No.	Name	Area*
2001	Ground Floor	80.1 m ²
2001	First Floor	102.8 m ²
		183.0 m ²

2002	Ground Floor	80.1 m ²
2002	First Floor	104.1 m ²
		184.3 m ²

2003	Ground Floor	80.1 m ²
2003	First Floor	102.8 m ²
		183.0 m ²

2004	Ground Floor	71.3 m ²
2004	First Floor	77.2 m ²
		148.5 m ²

2005	Ground Floor	71.3 m ²
2005	First Floor	77.5 m ²
		148.8 m ²

2006	Ground Floor	71.3 m ²
2006	First Floor	77.2 m ²
		148.5 m ²
Grand total		996.1 m ²

**Certificate No. #HR-6RN3FS-01**
Scan QR code or follow website link for rating details.

Assessor name

Haylea Edwards

Accreditation No.

HERA 10213

Property Address

2 Bullecourt Avenue, Milperra, NSW, 2214

http://www.hero-software.com.au/pdf/HR-6RN3FS-01



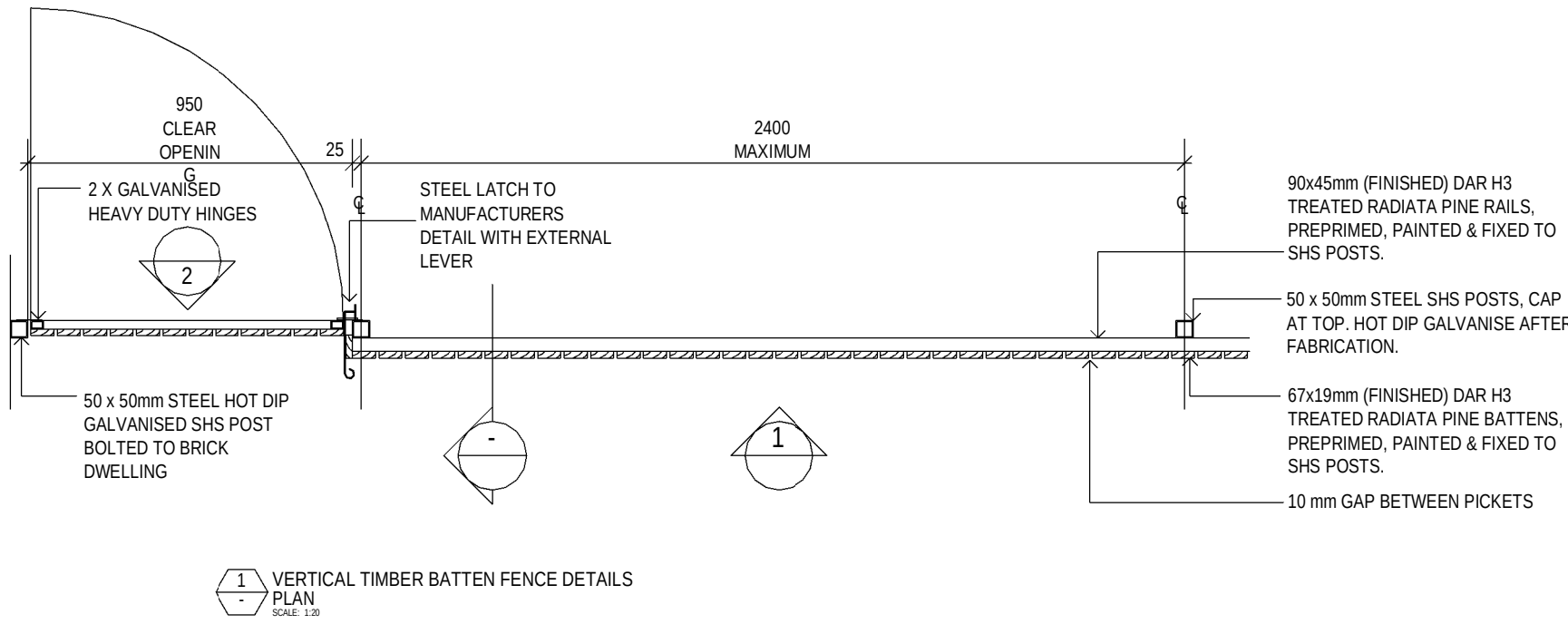


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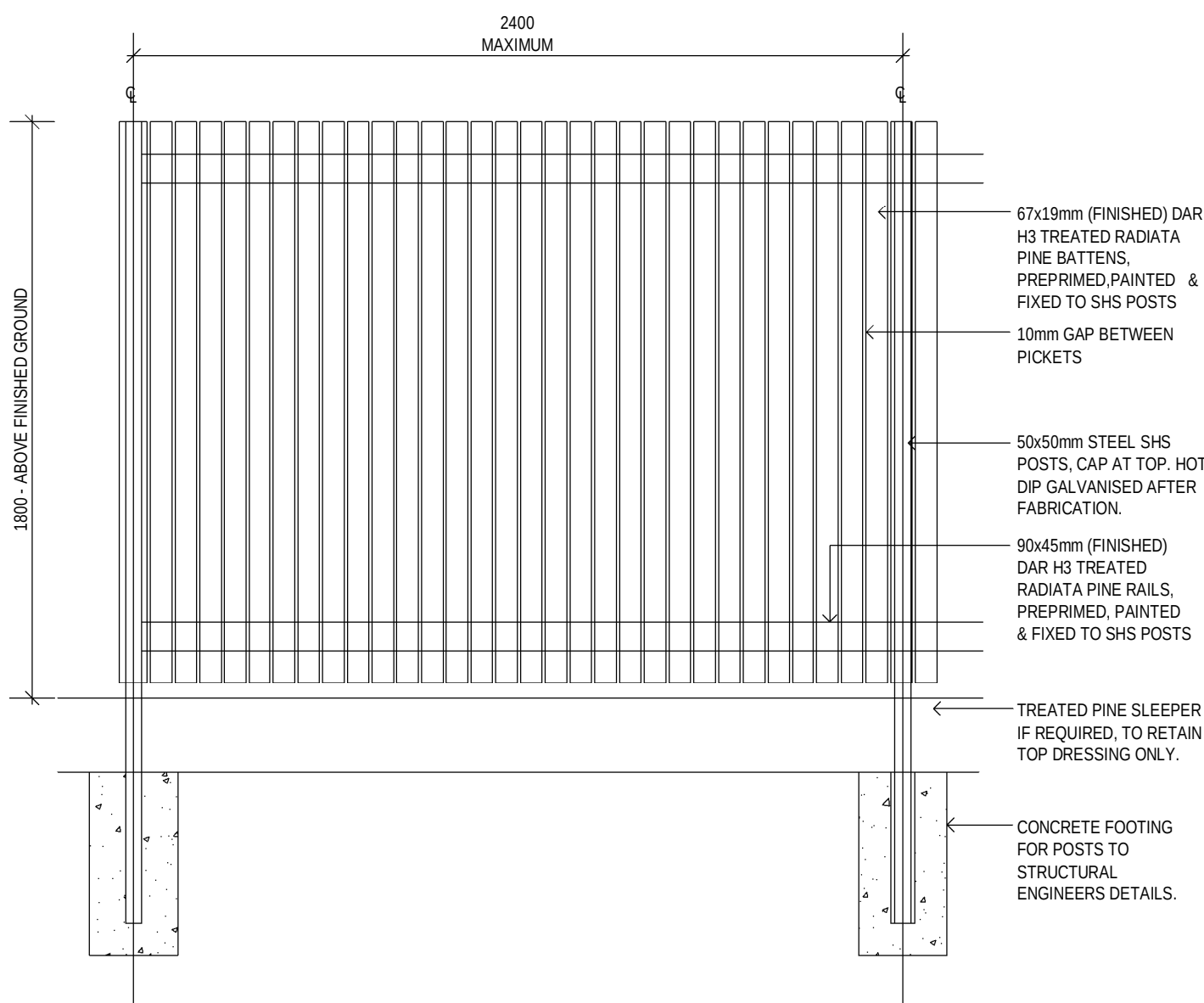
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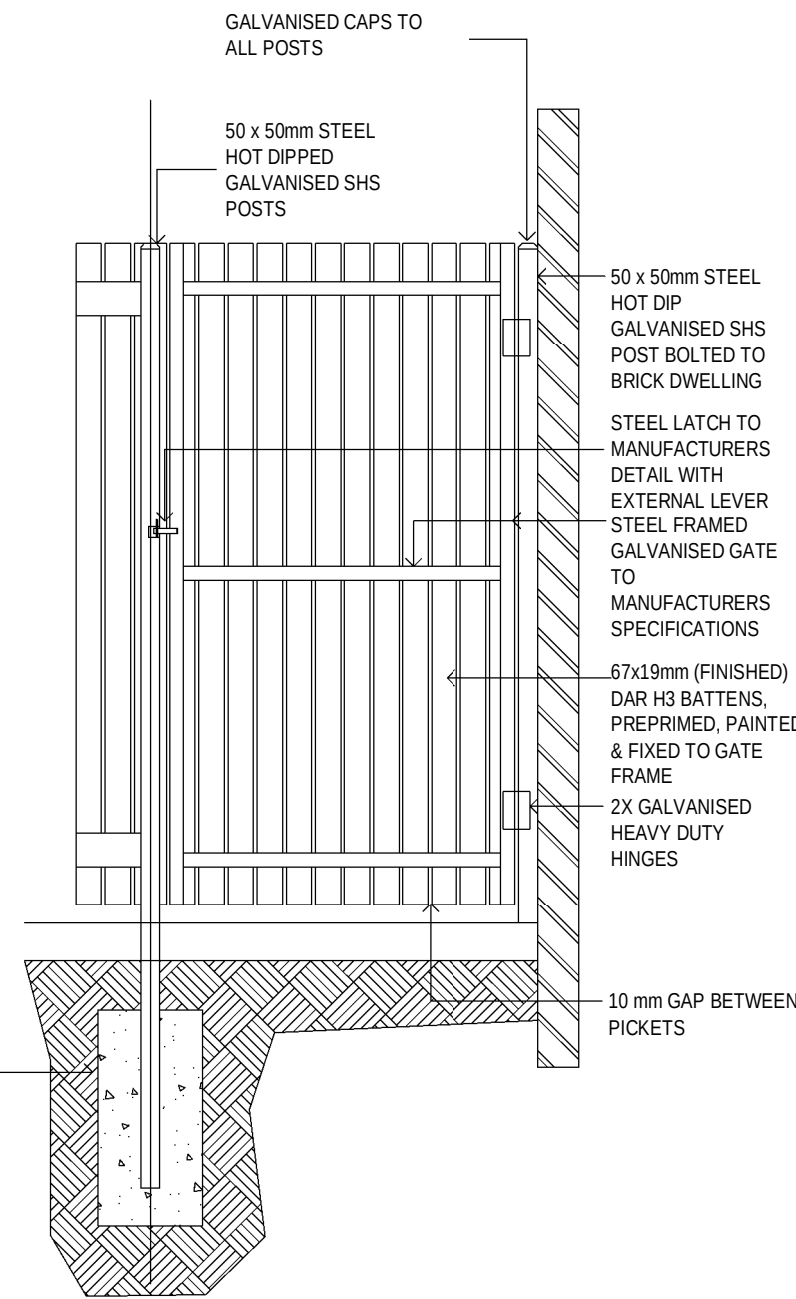
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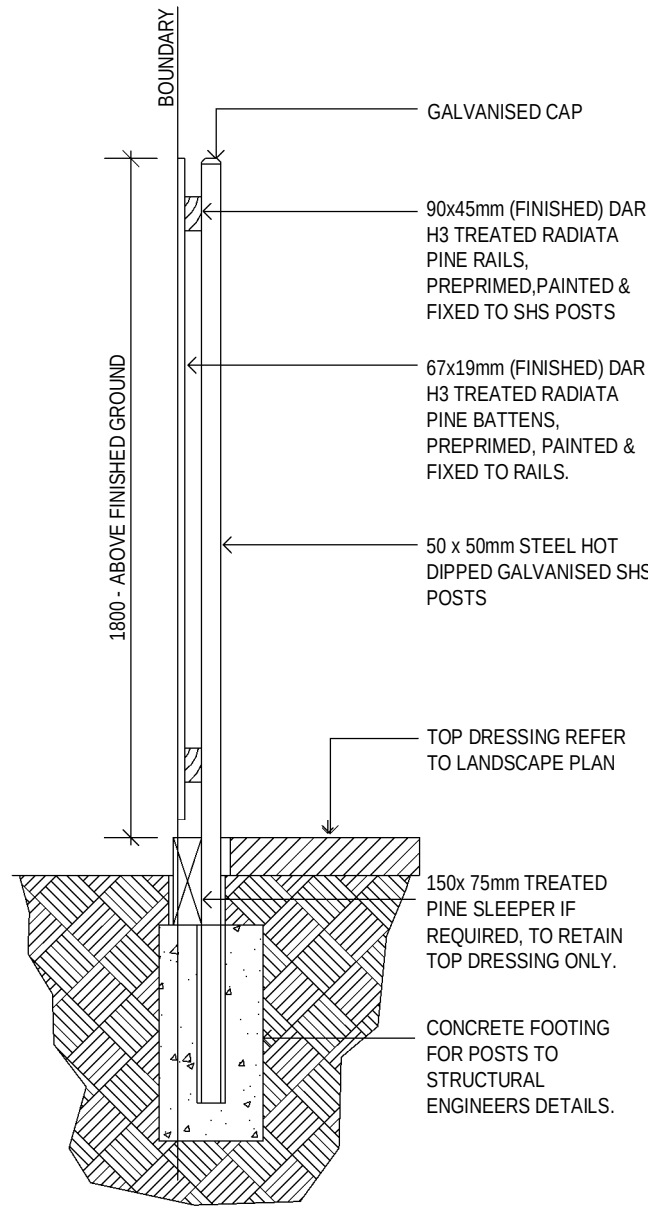
1 VERTICAL TIMBER BATTEN FENCE DETAILS
SCALE: 1:20



2 VERTICAL TIMBER BATTEN FENCE DETAILS
ELEVATION 1
SCALE: 1:20



3 VERTICAL TIMBER BATTEN FENCE DETAILS
ELEVATION 2
SCALE: 1:20



4 VERTICAL TIMBER BATTEN FENCE DETAILS
SECTION
SCALE: 1:20

28.11.24	B	ISSUE FOR DA
15.11.24	A	ISSUE FOR CONSULTANTS
date	rev	amendment

MIRVAC
DESIGN

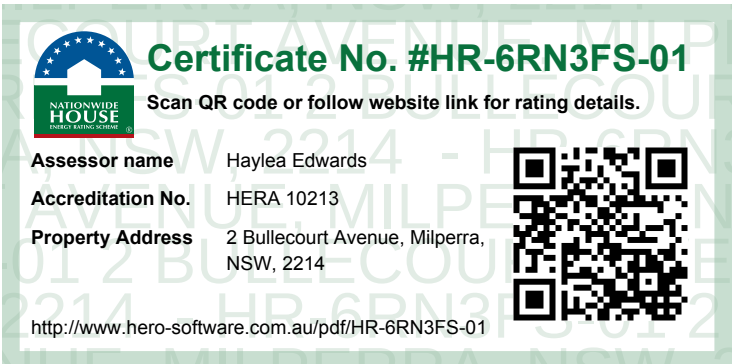
Level 28 200 George St
Sydney NSW 2000
Tel: 02 9550 8000
Mirvac Design Pty Ltd
ABN 70 027 959 321
Mirvac Design Nominees / Responsible Architects
Anita Verma, Michael Miller, David Hino, Parminder, Sridharan, Andrew Li
https://www.mirvacdesign.com/nominees-and-architects

client
mirvac

project:
WSU - MILPERRA
2 Bullecourt Avenue, Milperra NSW 2214
Stage: 2 Site: 2.2 Lot: 2001-2006

title:
GENERAL CONSTRUCTION DETAILS

job no: MB-10197
drawing no: S2-02-DA800
scale @ A1 : 1 : 20
date: 29.11.24 rev: B



WESTERN SYDNEY UNIVERSITY - WSU

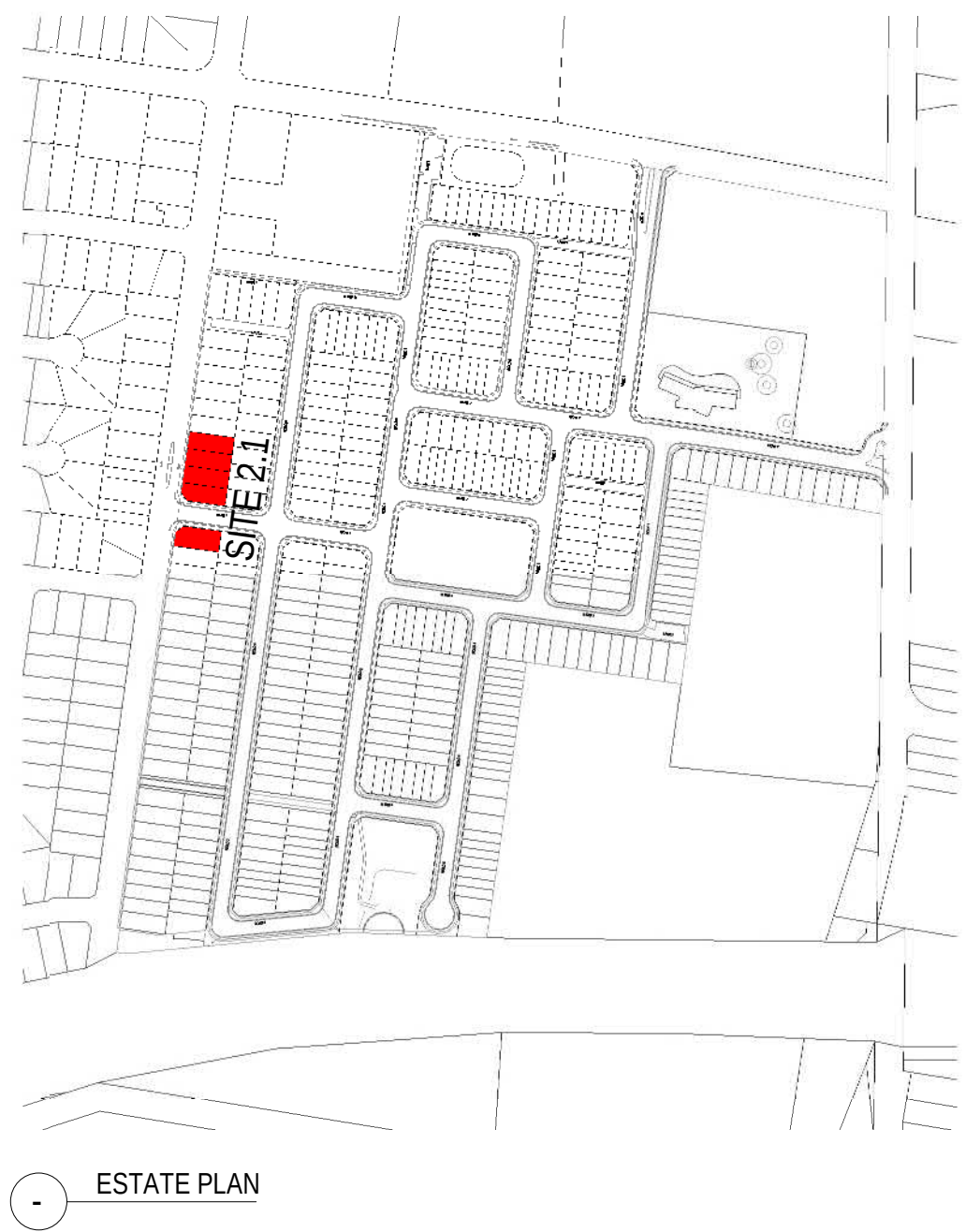
STAGE 2 - SITE 2.1

LOTS: 2007 - 2011

SHEET NO.	DRAWING TITLE	REV
S2-02-DA000	COVER SHEET	C
S2-02-DA001	THERMAL PERFORMANCE & SUSTAINABILITY SPECIFICATIONS	C
S2-02-DA050	LOCATION & SITE ANALYSIS PLAN	C
S2-02-DA051	LOT LAYOUT & SITING PLAN	C
S2-02-DA100	EROSION, BENCHING & SEDIMENT CONTROL PLAN	C
S2-02-DA140	HYDRAULIC CONCEPT PLAN	C
S2-02-DA210	GROUND FLOOR PLANS	C
S2-02-DA220	FIRST FLOOR PLANS	C
S2-02-DA230	ROOF PLANS	C
S2-02-DA250	NEIGHBOURING NOTIFICATION PLANS - LOTS 2007-2009	C
S2-02-DA251	NEIGHBOURING NOTIFICATION PLANS - LOTS 2010-2011	C
S2-02-DA320	COLOURED STREETSCAPES - FRONT & SIDE	C
S2-02-DA330	SECTIONS	C
S2-02-DA400	SHADOW ANALYSIS & DIAGRAM - 21 JUNE - 9AM/12PM	C
S2-02-DA401	SHADOW ANALYSIS & DIAGRAM - 21 JUNE - 3PM	C
S2-02-DA410	SUN EYE VIEWS - 21 JUNE 8AM/9AM/10AM/11AM	C
S2-02-DA420	AREA PLAN - PRIVATE OPEN SPACE AND PERMEABLE AREA	C
S2-02-DA421	GFA AREA PLANS - GROUND & FIRST FLOOR	C
S2-02-DA800	GENERAL CONSTRUCTION DETAILS	C



Proposed indicative artist impression of housing streetscape. All landsapce features are indicative only. Refer to landscape consultants documentation package for landscape design & plant species selection.



08.11.24	C	ISSUE FOR DA	
25.10.24	B	ISSUE TO CONSULTANTS	
15.10.24	A	ISSUE FOR REVIEW	
date	rev		amendment

MIRVAC DESIGN
Level 28 300 George St
Sydney NSW 2000
Tel: 02 9550 8000
Mirvac Design Pty Ltd
ABN 70 003 999 331
Mirvac Design Nominees / Responsible Architects
Asha Verma, Michael Miller, David Hirst, Parminder Brindhar, Andrew La
https://www.mirvacdesign.com/nominees-and-architects



project:
WSU - MILPERRA
2 Bullecourt Avenue, Milperra NSW 2214
Stage: 2 Site: 2.1 Lot: 2007-2011

title:
COVER SHEET

job no: MB-10197
drawing no: S2-02-DA000
scale @ A1 : 1 : 5000
date: 08.11.24 rev: C

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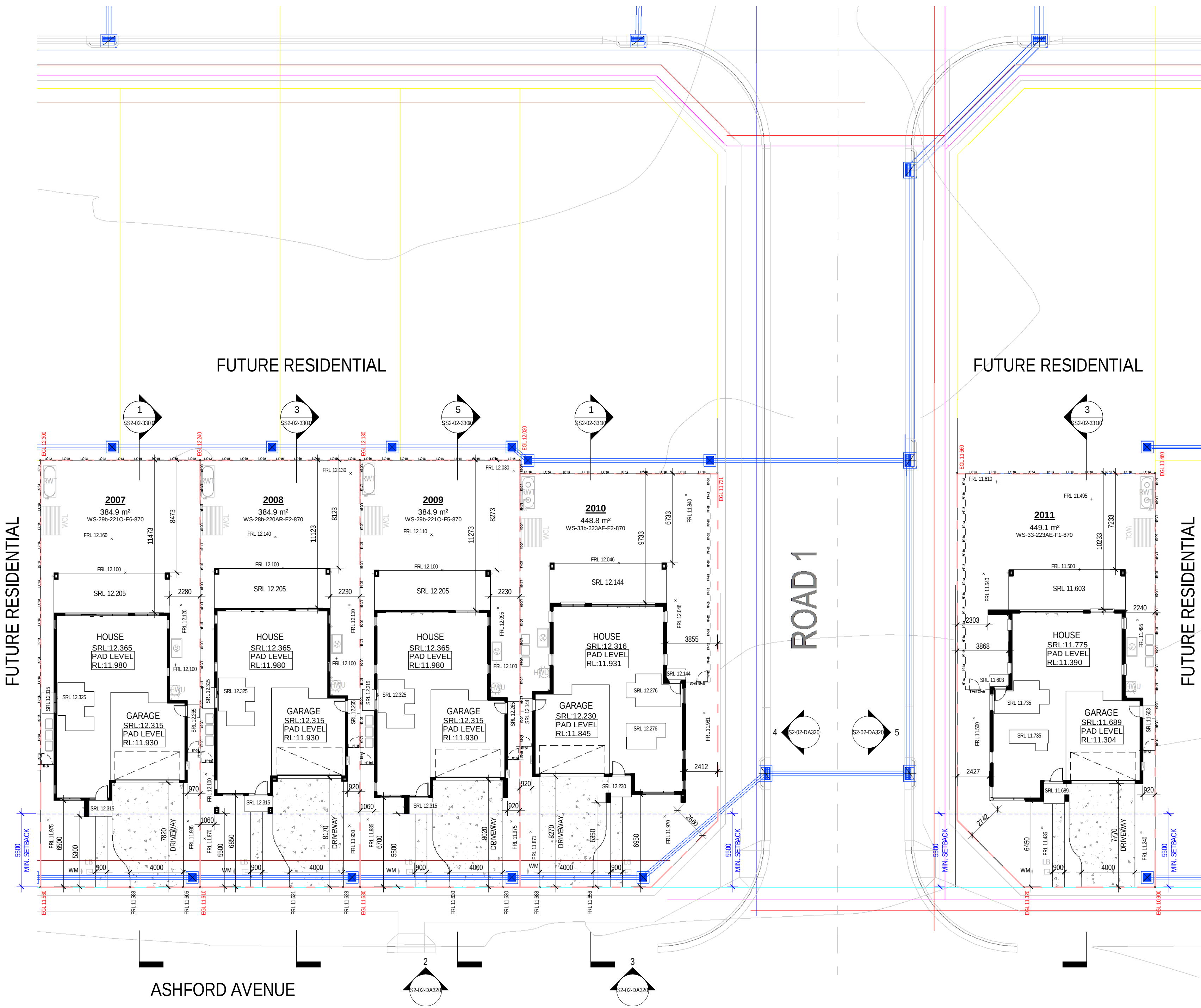
200mm

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1 DA/TP - SITING PLAN - LOT 2007-2011
1: 200

SITework	
BOW	BOTTOM OF WALL LEVEL
CL	CLOTHES LINE
EGL	EXISTING GROUND LEVEL
FRL	FINISHED RELATIVE LEVEL
GM	GAS METER
HC	HOSE COCK
HCR	HOSE COCK RECYCLE
HWU	HOT WATER UNIT
HWU	INSTANTANEOUS HOT WATER UNIT
KO	KERS OUTLET
LB	LETTER BOX
MB	ELECTRICAL METERBOX
NBN	NATIONAL BROADBAND NETWORK
PCD	PREMISES CONNECTION DEVICE
PWM	NON POTABLE RECYCLED WATER METER
RL	REDUCED LEVEL
RWT	RAINWATER TANK
SRL	STRUCTURAL RELATIVE LEVEL
TOW	TOP OF WALL LEVEL
WM	WATER METER
→	DIRECTION OF FLOW
→→	PIPELINE CONNECTION TO RWT
→→	PIPELINE STORMWATER OVERFLOW
→→	POTABLE WATER
→→	STORMWATER DRAINAGE PIT
→→	GRATED DRAIN

FENCE TYPES	
AB-11	1100 HIGH ANGLE BLADE FENCE
AB-18	1800 HIGH VERTICAL METAL BATTENS
BT-18	1800 HIGH VERTICAL BATTENS
LC-15	1500 HIGH TIMBER LAPPED & CAPPED FENCE
LC-18	1800 HIGH TIMBER LAPPED & CAPPED FENCE
PF-15	1500 HIGH VERTICAL PICKET FENCE
PF-18	1800 HIGH VERTICAL PICKET FENCE

SITE 2.1 MODEL TYPES	
Lot No.	House Type
2007	WS-29b-221O-F6-870
2008	WS-28b-220AR-F2-870
2009	WS-29b-221O-F5-870
2010	WS-33b-223AF-F2-870
2011	WS-33-223AE-F1-870

SITE FSR			
Lot No	Gross floor area	Lot_Area	FSR
2007	190.6 m ²	384.9 m ²	49.51%
2008	183.2 m ²	384.9 m ²	47.60%
2009	189.6 m ²	384.9 m ²	49.27%
2010	206.0 m ²	448.8 m ²	45.90%
2011	207.1 m ²	449.1 m ²	46.12%



0mm

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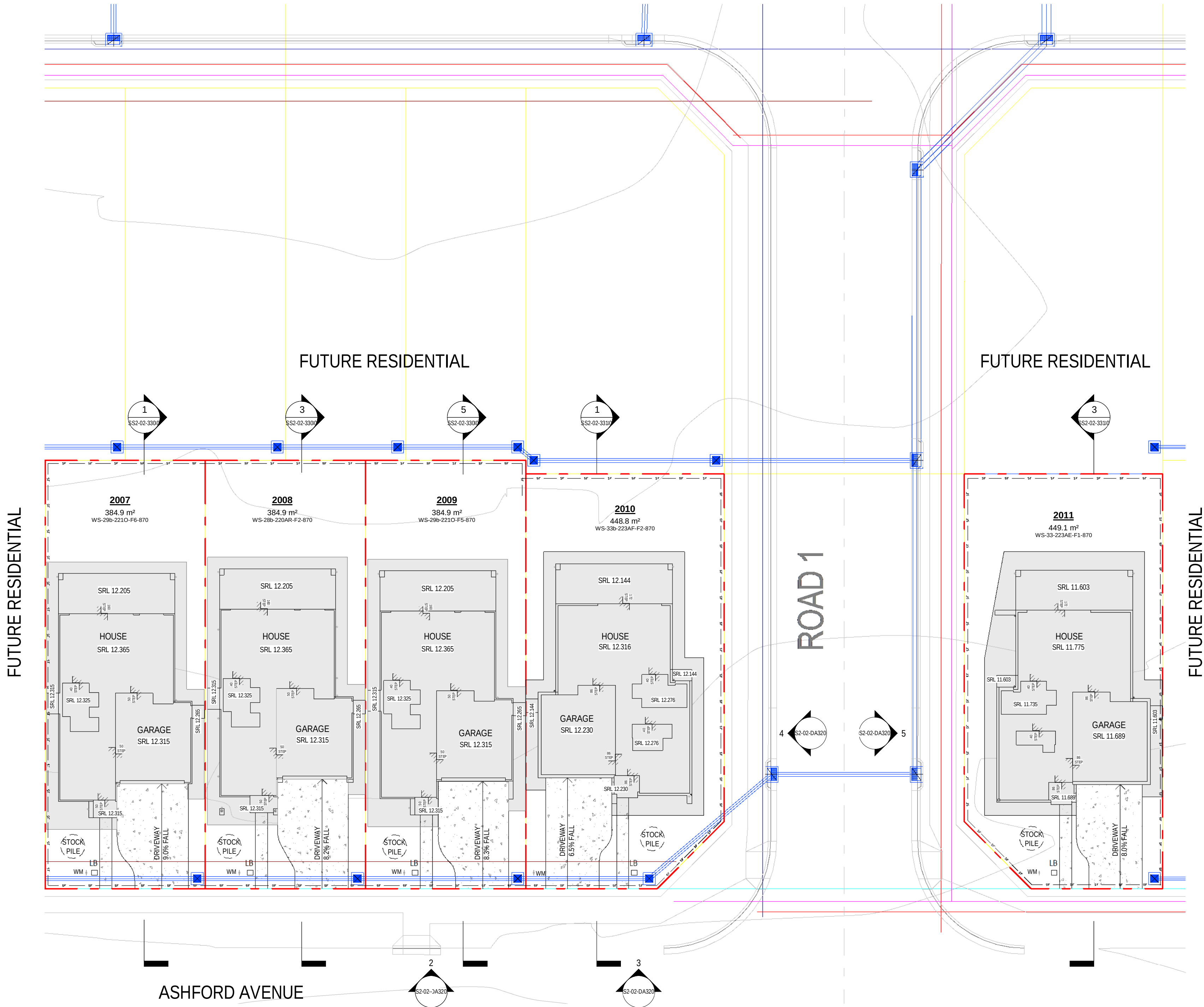
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300mm



1 DA/TP - EROSION/SEDIMENT CONTROL & BENCHING PLAN - LOT 2007-2011
1 : 200

SITework	
BWL	BOTTOM OF WALL LEVEL
CL	CLOTHES LINE
EGL	EXISTING GROUND LEVEL
FINL	FINISHED RELATIVE LEVEL
GM	GAS METER
HC	HOSE COCK
HCR	HOSE COCK RECYCLE
HWU	HOT WATER UNIT
HMU	INSTANTANEOUS HOT WATER UNIT
KO	KERS OUTLET
LB	LETTER BOX
MB	ELECTRICAL METERBOX
NBN	NATIONAL BROADBAND NETWORK
PCD	PREMISES CONNECTION DEVICE
PWM	NON POTABLE RECYCLED WATER METER
RL	REDUCED LEVEL
RWT	RAINWATER TANK
SRL	STRUCTURAL RELATIVE LEVEL
TOW	TOP OF WALL LEVEL
WM	WATER METER
DIRECTION OF FLOW	
PIPELINE CONNECTION TO RWT	
PIPELINE STORMWATER OVERFLOW	
POTABLE WATER	
STORMWATER DRAINAGE PIT	
GRATED DRAIN	

RETAINING WALLS	
BLOCK WORK RETAINING WALL	
BLOCK WORK FEATURE RETAINING WALL	
DROP EDGE BEAM	
BEAM CONCRETE SLEEPER WALL	
LOG SLEEPER RETAINING WALL	
WET WALL	



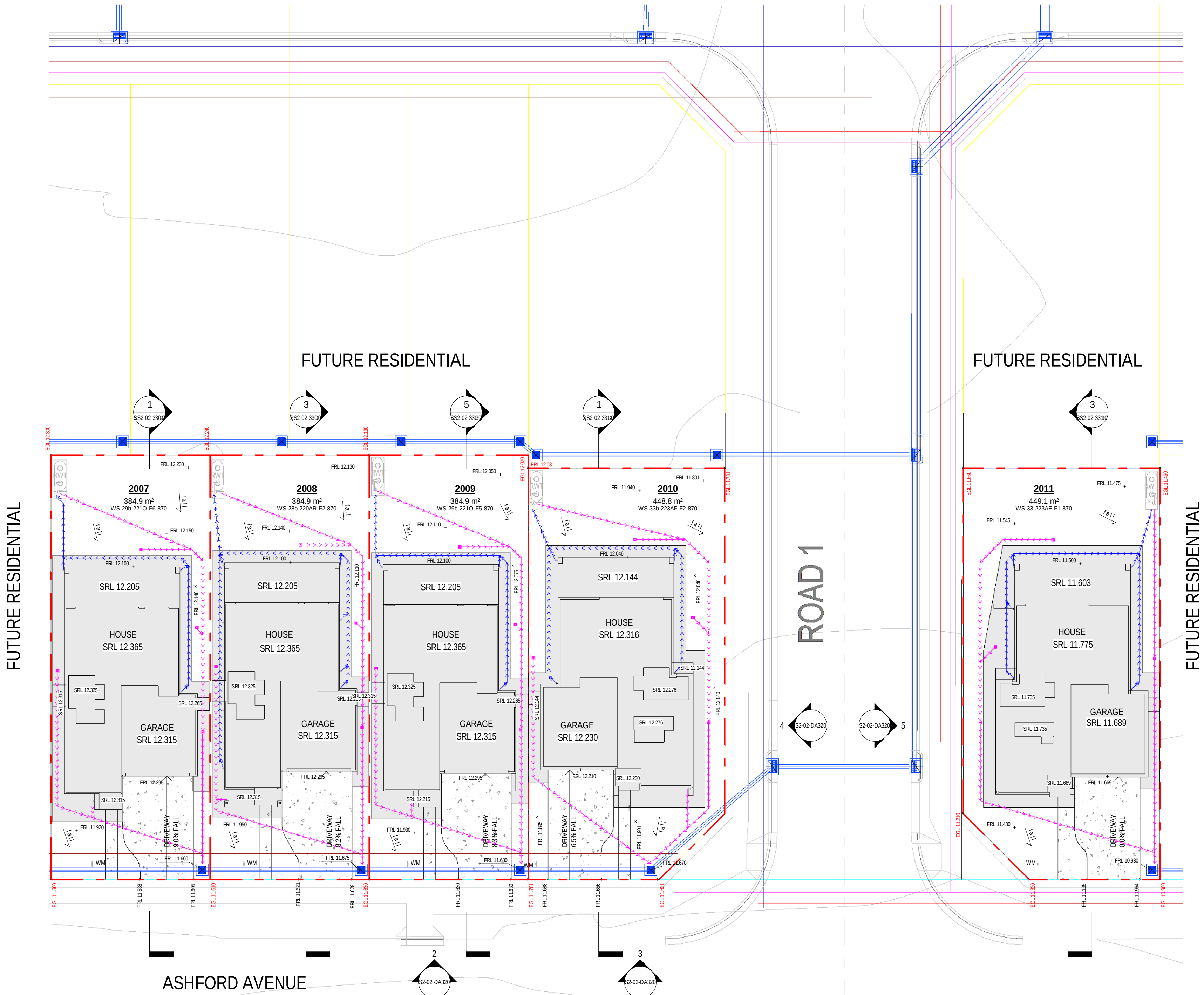
0mm 100mm 200mm 300mm

100mm 200mm 300mm

SITework	
BOW	BOTTOM OF WALL LEVEL
CL	CLOTHES LINE
EGL	EXISTING GROUND LEVEL
FRL	FINISHED RELATIVE LEVEL
GM	GAS METER
HC	HOSE COCK
HCR	HOSE COCK RECYCLE
HWU	HOT WATER UNIT
HWU	INSTANTANEOUS HOT WATER UNIT
KO	KERS OUTLET
LB	LETTER BOX
MB	ELECTRICAL METERBOX
NBN	NATIONAL BROADBAND NETWORK
PCD	PREMISES CONNECTION DEVICE
PWM	NON POTABLE RECYCLED WATER METER
RL	REDUCED LEVEL
RWT	RAINWATER TANK
SRL	STRUCTURAL RELATIVE LEVEL
TOW	TOP OF WALL LEVEL
WM	WATER METER
DIRECTION OF FLOW	
PIPELINE CONNECTION TO RWT	
PIPELINE STORMWATER OVERFLOW	
POTABLE WATER	
STORMWATER DRAINAGE PIT	
GRATED DRAIN	

RETAINING WALLS	
■	BLOCK WORK RETAINING WALL
■	BLOCK WORK FEATURE RETAINING WALL
■	DROP EDGE BEAM
■	HEAVY CONCRETE SLEEPER WALL
■	LOG SLEEPER RETAINING WALL
■	WET WALL

HYDRAULIC NOTE	
NOTE: THIS STORMWATER SCHEMATIC DRAWING BY MIRVAC DESIGN IS PRODUCED AS A GUIDE ONLY FOR PLUMBERS ON SITE TO INDICATE LOCATION OF LINES AND PITS WITHIN BOUNDARIES. THIS DRAWING IS ONLY TO INDICATE PIPE, PIT AND CONNECTIONS AND LOCATIONS. THIS DRAWING IS NOT TO INDICATE ANY PIPE OR PIT SIZES. ANY FURTHER INFORMATION RELATING TO SIZES AND EQUIPMENT COMPONENTS SHOULD BE CONFIRMED WITH A PLUMBER OR SUITABLY QUALIFIED HYDRAULIC ENGINEER.	



1 DA/TP - HYDRAULIC CONCEPT PLAN - LOT 2007-2011
1 : 200

08.11.24	C	ISSUE FOR DA
25.10.24	B	ISSUE TO CONSULTANTS
15.10.24	A	ISSUE FOR REVIEW
08/	rev	amendment

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https://www.mirvacdesign.com/nominees-and-architects



project:
WSU - MILPERRA
2 Bullecourt Avenue, Milperra NSW 2214
Stage: 2 Site: 2.1 Lot: 2007-2011

title:
HYDRAULIC CONCEPT PLAN

job no: MB-10197
drawing no: S2-02-DA140
scale @ A1 : 1 : 200
date: 08.11.24 rev: C



0mm 100mm 200mm 300mm

100mm

200mm

300mm

WINDOW SCHEDULE - LOT 2007					
Window No.	Type	Height	Width	Description	
W-01L	SA2016T_SPECIAL	2035	1570	2035H x 1570W SA2007T WITHIN	
W-04L	SA2018T_L	2035	1810		
W-05	SKD2448	2400	4780		
W-07	SA2007T	2035	730		
W-07	SA2007T	2035	730		
W-07	SA2007T	2035	730		
W-07	SA2007T	2035	730		
W-08L	SKD2116_L	2100	1570		
W-09	SA1236 SPECIAL	1200	3680	1200H x 3680W SA1208 WITHIN	
W-10	SA1324 SPECIAL	1370	2410	1370H x 2410W SA1307 WITHIN	
W-11	SA1307	1370	730		
W-11	SA1307	1370	730		
W-18	SA1007 OBS	1030	730	OBSURE	
W-18	SA1007 OBS	1030	730	OBSURE	
W-20R	SA1322_R	1370	2170		
W-26L	SA1014_L OBS	1030	1450	OBSURE	
W-27	SF1308	1370	850		
W-28L	SA1222_L	1200	2170		
W-28R	SA1222_R	1200	2170		

WINDOW SCHEDULE - LOT 2008					
Window No.	Type	Height	Width	Description	
W-01L	SA2016T_SPECIAL	2035	1570	2035H x 1570W SA2007T WITHIN	
W-04L	SA2018T_L	2035	1810		
W-05	SKD2448	2400	4780		
W-07	SA2007T	2035	730		
W-07	SA2007T	2035	730		
W-07	SA2007T	2035	730		
W-07	SA2007T	2035	730		
W-08L	SKD2116_L	2100	1570		
W-11	SA1307	1370	730		
W-12	SKD2132	2100	3162		
W-13	SA1326 SPECIAL	1370	2650	1200H x 2650W SA1207 WITHIN	
W-18	SA1007 OBS	1030	730	OBSURE	
W-19R	SA1014_R OBS	1030	1450	OBSURE	
W-20L	SA1322_L	1370	2170		
W-20R	SA1322_R	1370	2170		
W-20R	SA1322_R	1370	2170		
W-27	SF1308	1370	850		

WINDOW SCHEDULE - LOT 2009					
Window No.	Type	Height	Width	Description	
W-01L	SA2016T_SPECIAL	2035	1570	2035H x 1570W SA2007T WITHIN	
W-04L	SA2018T_L	2035	1810		
W-05	SKD2448	2400	4780		
W-07	SA2007T	2035	730		
W-07	SA2007T	2035	730		
W-07	SA2007T	2035	730		
W-07	SA2007T	2035	730		
W-08L	SKD2116_L	2100	1570		
W-09	SA1236 SPECIAL	1200	3680	1200H x 3680W SA1208 WITHIN	
W-11	SA1307	1370	730		
W-11	SA1307	1370	730		
W-14	SKD2127	2100	2712		
W-18	SA1007 OBS	1030	730	OBSURE	
W-18	SA1007 OBS	1030	730	OBSURE	
W-20L	SA1322_L	1370	2170		
W-20R	SA1322_R	1370	2170		
W-26L	SA1014_L OBS	1030	1450	OBSURE	
W-27	SF1308	1370	850		

WINDOW SCHEDULE - LOT 2010					
Window No.	Type	Height	Width	Description	
W-02R	SA2024T_R SPECIAL	2035	2410	2035H x 2410W SA2008T WITHIN	
W-03	SA2008T	2035	850		
W-03	SA2008T	2035	850		
W-03	SA2008T	2035	850		
W-04R	SA2018T_R	2035	1810		
W-05	SKD2448	2400	4780		
W-06	SA0612	600	1210		
W-07	SA2007T	2035	730		
W-07	SA2007T	2035	730		
W-11	SA1307	1370	730		
W-11	SA1307	1370	730		
W-12	SKD2132	2100	3162		
W-15	SA1326	1370	2650		
W-17	SA1007 OBS	1030	730	OBSURE	
W-19R	SA1014_R OBS	1030	1450	OBSURE	
W-20L	SA1322_L	1370	2170		
W-22	SA1308	1370	850		
W-22	SA1308	1370	850		
W-24R	SA1314_R	1370	1450		
W-25R	SA1316_R SPECIAL	1370	1810		

WINDOW SCHEDULE - LOT 2011					
Window No.	Type	Height	Width	Description	
W-02R	SA2024T_R SPECIAL	2035	2410	2035H x 2410W SA2008T WITHIN	
W-03	SA2008T	2035	850		
W-03	SA2008T	2035	850		
W-03	SA2008T	2035	850		
W-03	SA2008T	2035	850		
W-04R	SA2018T_R	2035	1810		
W-05	SKD2448	2400	4780		
W-06	SA0612	600	1210		
W-06	SA0612	600	1210		
W-11	SA1307	1370	730		
W-11	SA1307	1370	730		
W-15	SA1326	1370	2650		
W-16R	SA1827T_R SPECIAL	1800	2780	1800H x 2780W SA1808T WITHIN	
W-17	SA1007	1030	730		
W-18	SA1007 OBS	1030	730	OBSURE	
W-19R	SA1014_R OBS	1030	1450	OBSURE	
W-20L	SA1322_L	1370	2170		
W-21R	SKD2118_R	2100	1810		
W-22	SA1308	1370	850		
W-23	SA1308	1370	850		
W-23	SA1808T	1900	850		
W-29	SA1807T	1800	730		

DOOR SCHEDULE - LOT 2007				
Door No.	Height	Leaf Width	O/A Frame Width	
D-01L_6G	2400	920	1450	
D-05	2100	820	900	

DOOR SCHEDULE - LOT 2008				
Door No.	Height	Leaf Width	O/A Frame Width	
D-02L_6G	2400	920	1500	
D-05	2100	820	900	

DOOR SCHEDULE - LOT 2009				
Door No.	Height	Leaf Width	O/A Frame Width	
D-01L_6G	2400	920	1450	
D-05	2100	820	900	

DOOR SCHEDULE - LOT 2010				
Door No.	Height	Leaf Width	O/A Frame Width	
D-03R_6G	2400	920	1450	
D-03	2100	820	900	
D-06	2400	820	900	

DOOR SCHEDULE - LOT 2011				
Door No.	Height	Leaf Width	O/A Frame Width	
D-03R_6G	2400	920	1450	
D-03	2100	820	900	
D-06	2400	820	900	

TOTAL GROSS BUILDING AREAS		
Lot No.	Name	Area
2007	Ground Floor	88.1 m ²
2007	First Floor	127.4 m ²
2007	Garage	37.1 m ²
2007	Porch	2.5 m ²
2007	Alfresco	26.1 m ²
		281.4 m ²

2008	Ground Floor	88.2 m ²
2008	First Floor	117.0 m ²
2008	Garage	37.3 m ²
2008	Porch	2.6 m ²
2008	Alfresco	26.1 m ²
2008	Balcony	6.0 m ²
		277.2 m ²

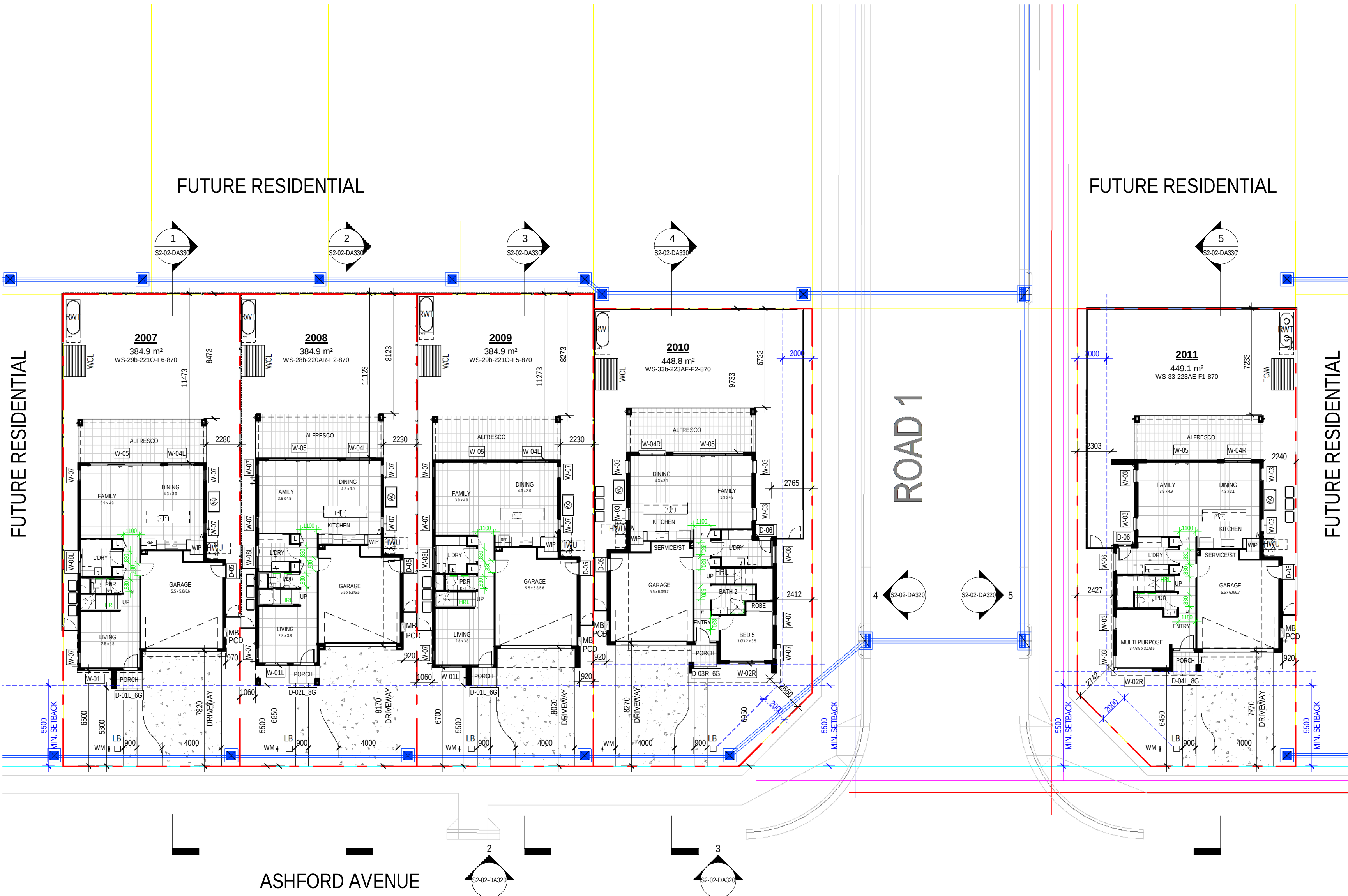
2009	Ground Floor	88.1 m ²
2009	First Floor	125.4 m ²
2009	Garage	37.1 m ²
2009	Porch	2.5 m ²
2009	Alfresco	26.1 m ²
2009	Balcony	7.4 m ²
		286.7 m ²

2010	Ground Floor	100.5 m ²
2010	First Floor	132.5 m ²
2010	Garage	38.5 m ²
2010	Porch	2.8 m ²
2010	Alfresco	26.2 m ²
2010	Balcony	8.5 m ²
		309.1 m ²

2011	Ground Floor	100.8 m ²
2011	First Floor	133.9 m ²
2011	Garage	38.5 m ²
2011	Porch	2.7 m ²
2011	Alfresco	26.2 m ²
2011	Balcony	8.3 m ²
		310.4 m ²

FLOOR PLAN	
720	DOOR LEAF SIZE - AS SHOWN @ 2340mm HIGH UNO
720L	DOOR LEAF SIZE - DOOR WITH LEFT OFF HINGES
AC	AIRCON CONDENSER
ACD	AIRCON DUCT
ACE	AIRCON EVAPORATOR
APG	ALUMINIUM PERGOLA TO DETAIL
BAL	BALUSTRADE
BAT	BATTERY STORAGE UNIT
BH	BULKHEAD OVER
BD	STRUCTURAL BEAM OVER TO ENGINEER'S DETAIL
BOW	BOTTOM OF WALL LEVEL
BS	STRUCTURAL BEAM IN WALL OVER
C	CUPBOARD
CL	CLOTHES LINE
CSD	CAVITY SLIDER DOOR
CT	COOKTOP
D	DOOR
DP	DOWNPIPE
DPS	DOWNPIPE & SPREADER
DS	DRIVER SPACE
DW	DOWNWASHER SPACE
EGL	EXISTING GROUND LEVEL
EXHE	EXHAUST TO EAVES OR ROOF
EXHR	EXHAUST TO ROOF
EXHW	EXHAUST TO WALL
F	REFRIGERATOR SPACE
FRL	FINISHED RELATIVE LEVEL
FSC	FREE STANDING COOKER
GD	GARAGE DOOR OPENING AS SPECIFIED
GM	GAS METER
HC	HOBSE COOK
HCR	HOBSE COOK RECYCLE
HD	HARDWARE DISTRIBUTION CABINET
HH	HEAD OF OPENING - HEIGHT AS NOTED
HLR	HANDRAIL - 1000mm HIGH MIN.
HWJ	HOT WATER UNIT
HWU	INSTANTANEOUS HOT WATER UNIT
INS	INSULATION
IN	INVERTER
L	LINEN
LB	LETTER BOX
LHW	LOW HEIGHT WALL - HEIGHT AS NOTED
LWD	LINE OF WALL OVER
MB	ELECTRICAL METERBOX
MH	MANHOLE ACCESS PANEL
MR	METAL ROOF - PITCH AS NOTED
MW	MICROWAVE SPACE
NBN	NATIONAL BROADBAND NETWORK
NCOP	NON-COMBUSTIBLE DOWNPIPE (NSW ONLY)
OF	OVERFLOW
P	PANTRY
PCD	PREMISES CONNECTION DEVICE
PWM	NON-POTABLE RECYCLED WATER METER
RH	RANGEHOOD
RL	REDUCED LEVEL
RWH	RAINWATER HEAD
RWT	RAINWATER TANK
S	STORAGE
SD	STEPODOWN
SA	SMOKE ALARM
SCR	SCREEN
SK	SINK
SL	SATLIGHT OVER
SN	SHOWER NICHE
SP	STRUCTURAL POST TO ENGINEER'S DETAIL
SRL	STRUCTURAL RELATIVE LEVEL
SS	SERVICE STACK
ST	STORAGE
TOW	TOP OF WALL LEVEL
TP	TIMBER POST - SIZE AS NOTED
TPG	TIMBER PERGOLA TO DETAIL
TR	TILED ROOF - PITCH AS NOTED
UBO	UNDER BENCH OVER
VJ	VERTICAL JOINT
W	WINDOW
WP	WALK-IN PANTRY
WMS	WASHING MACHINE SPACE
WM	WATER METER
WO	WALL OVER
WTC	RAINWATER TANK CONTROL
XXOP	ENGAGED PERIS SPACINGS VARIES. CENTRES TO BENS DESIGN

LIVABLE HOUSING	
THESE DESIGNS MEET COUNCIL'S CONTROLS AS OUTLINES IN SECTION 11.1 LIVABLE HOUSING OF THE RESIDENTIAL ACCOMMODATION DCP ONLY	
---	INDICATES WALL WITH REINFORCEMENT TO
---	ENABLE INSTALLATION OF FUTURE
---	GRABRAILS
---	GREEN DIMENSIONS INDICATE MINIMUM
---	CLEARANCES
WET AREA WALLS	
WALLS AROUND THE TOILET, SHOWER AND BATH TO BE REINFORCED TO SUPPORT SAFE INSTALLATION OF FUTURE GRABRAILS BY OCCUPANTS	



WINDOW SCHEDULE - LOT 2007					
Windo No.	Type	Height	Width	Description	
W-01L	SA2016T_SPECIAL	2035	1570	2035H x 1570W SA2007T WITHIN	
W-04L	SA2018T_L	2035	1810		
W-05	SKD2448	2400	4780		
W-07	SA2007T	2035	730		
W-07	SA2007T	2035	730		
W-07	SA2007T	2035	730		
W-08L	SKD2116_L	2100	1570		
W-09	SA1236 SPECIAL	1200	3680	1200H x 3680W SA1208 WITHIN	
W-10	SA1324 SPECIAL	1370	2410	1370H x 2410W SA1307 WITHIN	
W-11	SA1307	1370	730		
W-11	SA1307	1370	730		
W-18	SA1007 OBS	1030	730	OBSCURE	
W-18	SA1007 OBS	1030	730	OBSCURE	
W-20R	SA1322_R	1370	2170		
W-26L	SA1014_L OBS	1030	1450	OBSCURE	
W-27	SF1308	1370	850		
W-28L	SA1222_L	1200	2170		
W-28R	SA1222_R	1200	2170		

WINDOW SCHEDULE - LOT 2008					
Window No.	Type	Height	Width	Description	
W-01L	SA2016T_SPECIAL	2035	1570	2035H x 1570W SA2007T WITHIN	
W-04L	SA2018T_L	2035	1810		
W-05	SKD2448	2400	4780		
W-07	SA2007T	2035	730		
W-07	SA2007T	2035	730		
W-07	SA2007T	2035	730		
W-07	SA2007T	2035	730		
W-08L	SKD2116_L	2100	1570		
W-11	SA1307	1370	730		
W-12	SKD2132	2100	3162		
W-13	SA1326 SPECIAL	1370	2650	1200H x 2650W SA1207 WITHIN	
W-18	SA1007 OBS	1030	730	OBSCURE	
W-19R	SA1014_R OBS	1030	1450	OBSCURE	
W-20L	SA1322_L	1370	2170		
W-20R	SA1322_R	1370	2170		
W-27	SF1308	1370	850		

WINDOW SCHEDULE - LOT 2009					
Window No.	Type	Height	Width	Description	
W-01L	SA2016T_SPECIAL	2035	1570	2035H x 1570W SA2007T WITHIN	
W-04L	SA2018T_L	2035	1810		
W-05	SKD2448	2400	4780		
W-07	SA2007T	2035	730		
W-07	SA2007T	2035	730		
W-07	SA2007T	2035	730		
W-07	SA2007T	2035	730		
W-08L	SKD2116_L	2100	1570		
W-09	SA1236 SPECIAL	1200	3680	1200H x 3680W SA1208 WITHIN	
W-11	SA1307	1370	730		
W-11	SA1307	1370	730		
W-14	SKD2127	2100	2712		
W-18	SA1007 OBS	1030	730	OBSCURE	
W-18	SA1007 OBS	1030	730	OBSCURE	
W-20L	SA1322_L	1370	2170		
W-20R	SA1322_R	1370	2170		
W-26L	SA1014_L OBS	1030	1450	OBSCURE	
W-27	SF1308	1370	850		

WINDOW SCHEDULE - LOT 2010					
Window No.	Type	Height	Width	Description	
W-02R	SA2024T_R SPECIAL	2035	2410	2035H x 2410W SA2008T WITHIN	
W-03	SA2008T	2035	850		
W-03	SA2008T	2035	850		
W-03	SA2008T	2035	850		
W-04R	SA2018T_R	2035	1810		
W-05	SKD2448	2400	4780		
W-06	SA0612	600	1210		
W-07	SA2007T	2035	730		
W-07	SA2007T	2035	730		
W-11	SA1307	1370	730		
W-11	SA1307	1370	730		
W-12	SKD2132	2100	3162		
W-15	SA1326	1370	2650		
W-17	SA1007	1030	730		
W-18	SA1007 OBS	1030	730	OBSCURE	
W-19R	SA1014_R OBS	1030	1450	OBSCURE	
W-20L	SA1322_L	1370	2170		
W-22	SA1308	1370	850		
W-22	SA1308	1370	850		
W-24R	SA1314_R	1370	1450		
W-25R	SA1318_R SPECIAL	1370	1810		

WINDOW SCHEDULE - LOT 2011					
Window No.	Type	Height	Width	Description	
W-02R	SA2024T_R SPECIAL	2035	2410	2035H x 2410W SA2008T WITHIN	
W-03	SA2008T	2035	850		
W-03	SA2008T	2035	850		
W-03	SA2008T	2035	850		
W-03	SA2008T	2035	850		
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W-11	SA1307	1370	730		
W-11	SA1307	1370	730		
W-15	SA1326	1370	2650		
W-16R	SA1827T_R SPECIAL	1800	2760	1800H x 2760W SA1808T WITHIN	
W-17	SA1007	1030	730		
W-18	SA1007 OBS	1030	730	OBSCURE	
W-19R	SA1014_R OBS	1030	1450	OBSCURE	
W-20L	SA1322_L	1370	2170		
W-21R	SKD2118_R	2100	1810		
W-22	SA1308	1370	850		
W-22	SA1308	1370	850		
W-23	SA1308T	1800	850		
W-29	SA1907T	1800	730		

DOOR SCHEDULE - LOT 2007				
Door No.	Height	Leaf Width	O/A Frame Width	
D-01L_6G	2400	920	1450	
D-05	2100	820	900	

DOOR SCHEDULE - LOT 2008				
Door No.	Height	Leaf Width	O/A Frame Width	
D-02L_8G	2400	920	1500	
D-05	2100	820	900	

DOOR SCHEDULE - LOT 2009				
Door No.	Height	Leaf Width	O/A Frame Width	
D-03R_6G	2400	920	1450	
D-05	2100	820	900	

DOOR SCHEDULE - LOT 2010				
Door No.	Height	Leaf Width	O/A Frame Width	
D-03R_6G	2400	920	1450	
D-03	2100	820	900	
D-06	2400	820	900	

DOOR SCHEDULE - LOT 2011				
Door No.	Height	Leaf Width	O/A Frame Width	
D-03R_6G	2400	920	1450	
D-03	2100	820	900	
D-06	2400	820	900	

TOTAL GROSS BUILDING AREAS		
Lot No.	Name	Area
2007	Ground Floor	88.1 m²
2007	First Floor	127.4 m²
2007	Garage	37.1 m²
2007	Porch	2.5 m²
2007	Alfresco	26.1 m²
		281.4 m²

2008	Ground Floor	88.2 m²
2008	First Floor	117.0 m²
2008	Garage	37.3 m²
2008	Porch	2.6 m²
2008	Alfresco	26.1 m²
2008	Balcony	6.0 m²
		277.2 m²

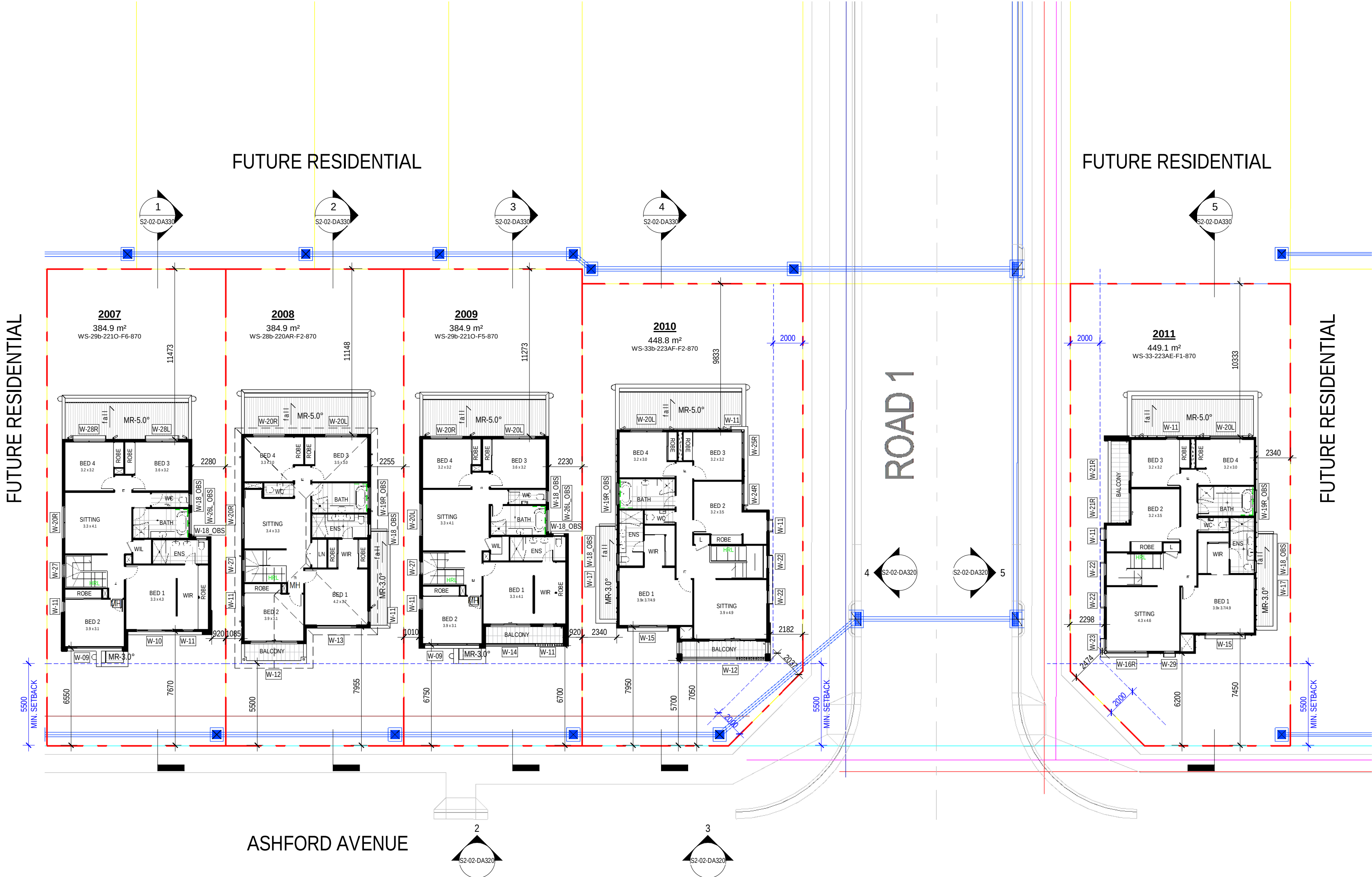
2009	Ground Floor	88.1 m²
2009	First Floor	125.4 m²
2009	Garage	37.1 m²
2009	Porch	2.5 m²
2009	Alfresco	26.1 m²
2009	Balcony	7.4 m²
		286.7 m²

2010	Ground Floor	100.5 m²
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2010	Garage	38.5 m²
2010	Porch	2.8 m²
2010	Alfresco	26.2 m²
2010	Balcony	8.5 m²
		309.1 m²

2011	Ground Floor	100.8 m²
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2011	Garage	38.5 m²
2011	Porch	2.7 m²
2011	Alfresco	26.2 m²
2011	Balcony	8.3 m²
		310.4 m²

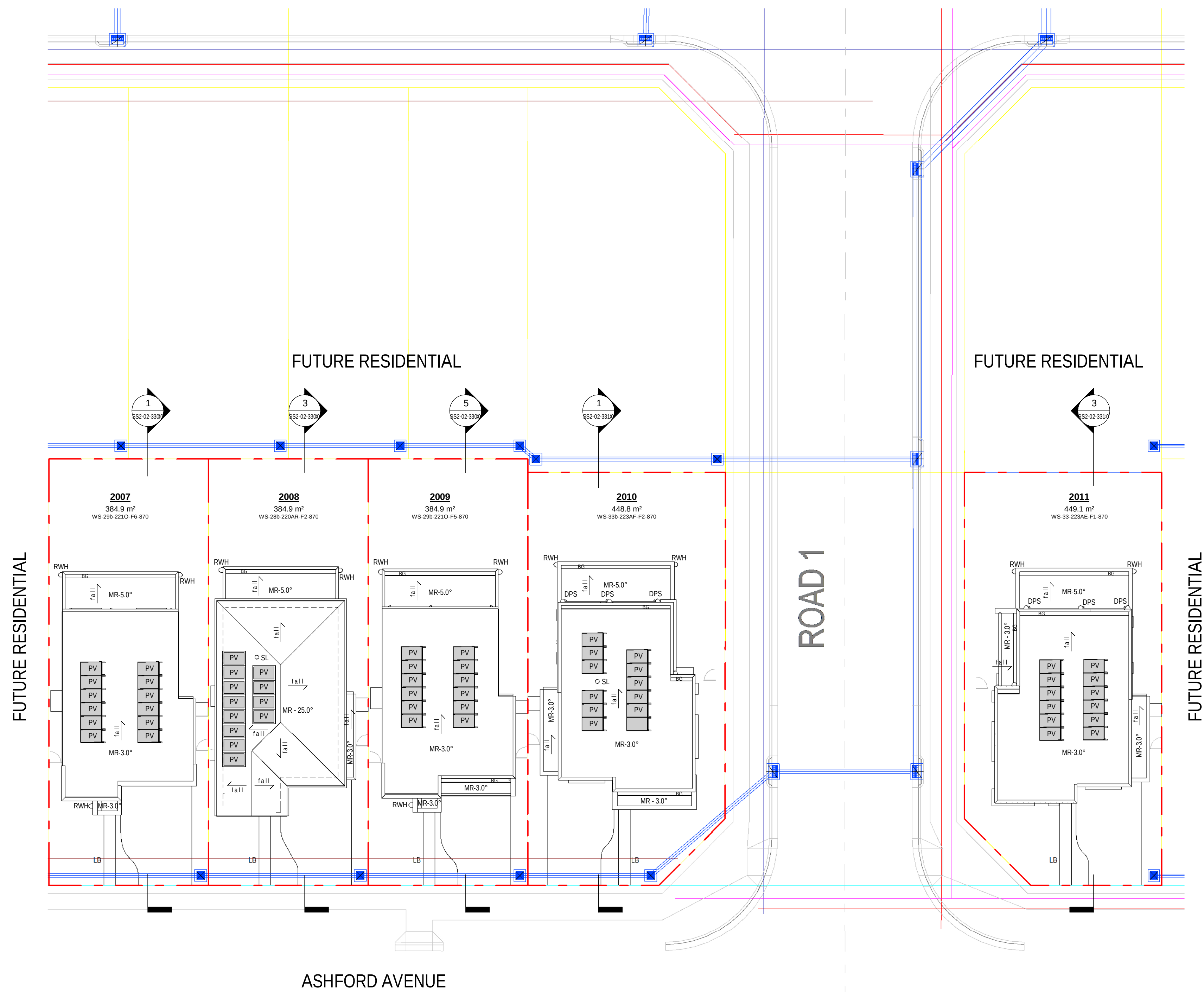
FLOOR PLAN	
720	DOOR LEAF SIZE - AS SHOWN @ 2340mm HIGH UNO
720L	DOOR LEAF SIZE - DOOR WITH LEFT OFF HINGES
AC	AIRCON CONDENSER
ACD	AIRCON DUCT
ACE	AIRCON EVAPORATOR
APG	ALUMINUM PERGOLA TO DETAIL
BAL	BALUSTRADE
BS	BATTERY STORAGE UNIT
BH	BULKHEAD OVER
BO	STRUCTURAL BEAM OVER TO ENGINEER'S DETAIL
BOW	BOTTOM OF WALL LEVEL
BSW	STRUCTURAL BEAM IN WALL OVER
C	CUPBOARD
CL	CLOTHES LINE
CSD	CAVITY SLUICE DOOR
CT	COOKTOP
D	DOOR
DP	DOWNPIPE
DPS	DOWNPIPE & SPREADER
DS	DRYER SPACE
DW	DOWNWASHER SPACE
EGL	EXISTING GROUND LEVEL
EXHE	EXHAUST TO EAVES OR SOFFIT
EXHR	EXHAUST TO ROOF
EXHW	EXHAUST TO WALL
F	REFRIGERATOR SPACE
FRL	FINISHED RELATIVE LEVEL
FSC	FREE STANDING COOKER
GD	GARAGE DOOR OPENING AS SPECIFIED
GM	GAS METER
HC	HOSE COCK
HCR	HOSE COCK RECYCLE
HDC	HARDWARE DISTRIBUTION CABINET
HH	HEAD OF OPENING - HEIGHT AS NOTED
HRL	HANDRAIL - 1000mm HIGH MIN.
HWJ	HOT WATER UNIT
HWU	INSTANTANEOUS HOT WATER UNIT
INS	INSULATION
INV	INVERTER
L	LINEN
LB	LETTER BOX
LHW	LOW HEIGHT WALL - HEIGHT AS NOTED
LWD	LINE OF WALL OVER
MB	ELECTRICAL METERBOX
MH	MANHOLE ACCESS PANEL
MR	METAL ROOF - PITCH AS NOTED
MW	MICROWAVE SPACE
NBN	NATIONAL BROADBAND NETWORK
NCOP	NON-COMBUSTIBLE DOWNPIPE (NSW ONLY)
OF	OVERFLOW
P	PANTRY
PCD	PREMISES CONNECTION DEVICE
PWM	NON-POTABLE RECYCLED WATER METER
RH	RANGEHOOD
RL	REDUCED LEVEL
RWH	RAINWATER HEAD
RWT	RAINWATER TANK
S	STORAGE
SD	STEPOWNA
SA	SMOKE ALARM
SCR	SCREEN
SK	SINK
SL	SKYLIGHT OVER
SN	SHOWER NICHE
SP	STRUCTURAL POST TO ENGINEER'S DETAIL
SRL	STRUCTURAL RELATIVE LEVEL
SS	SERVICE STACK
ST	STORAGE
TOW	TOP OF WALL LEVEL
TP	TIMBER POST - SIZE AS NOTED
TPG	TIMBER PERGOLA TO DETAIL
TR	TILED ROOF - PITCH AS NOTED
UBO	UNDER BENCH OVER
VJ	VERTICAL JOINT
W	WINDOW
WIP	WALK-IN PANTRY
WMS	WASHING MACHINE SPACE
WM	WATER METER
WO	WALL OVER
WTC	RAINWATER TANK CONTROL
XXOP	ENGAGED PERIS SPACINGS VARIES. CENTRES TO DIM'S DESIGN.

LIVABLE HOUSING	
THESE DESIGNS MEET COUNCIL'S CONTROLS AS OUTLINES IN SECTION 2.1.1 LIVABLE HOUSING OF THE RESIDENTIAL ACCOMMODATION DCP ONLY	
---	INDICATES WALL WITH REINFORCEMENT TO ENABLE INSTALLATION OF FUTURE GRABRAILS
---	GREEN DIMENSIONS INDICATE MINIMUM CLEARANCES
WET AREA WALLS	
WALLS AROUND THE TOILET, SHOWER AND BATH TO BE REINFORCED TO SUPPORT SAFE INSTALLATION OF FUTURE GRABRAILS BY OCCUPANTS	



1 DA/TP - FIRST FLOOR PLAN - LOT 2007-2011
1 : 200

ROOF PLAN	
APG	ALUMINIUM PERGOLA TO DETAIL
BG	BOX GUTTER
DP	DOWNPipe
DPS	DOWNPipe & SPREADER
DP-100	DOWNPipe 100mm DIA
EXHR	EXHAUST TO ROOF
MR	METAL ROOF
OF	OVERFLOW
PV	PHOTOVOLTAIC SOLAR PANEL
RWH	RAINWATER HEAD
SHWP	SHEET HOT WATER PANEL
SL	SUN LIGHT
TPG	TIMBER PERGOLA TO DETAIL
TR	TILED ROOF - PITCH AS NOTED
	RAISED SOFT
	FIRE RATED EAVE/SOFFT



1 DA/TP - ROOF PLAN - LOT 2007-2011
1:200

08.11.24	C	ISSUE FOR DA
25.10.24	B	ISSUE TO CONSULTANTS
15.10.24	A	ISSUE FOR REVIEW
date	rev	amendment

**MIRVAC
DESIGN**

Level 28 200 George St
Sydney NSW 2000
T 02 9080 8000

architecture
urban design
interior design
graphic design

Mirvac Design Pty Ltd.
ABN 18 003 959 353

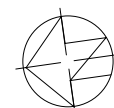
Mirvac Design Nominated / Responsible Architects
Anita Verma Michael Wilner David Parramwang Srinanthini Andrew La
<https://www.mirvacdesign.com/nominated-architects>

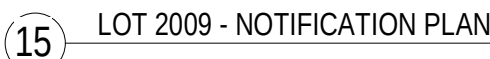
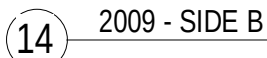
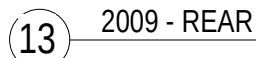
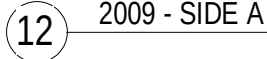
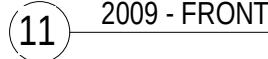
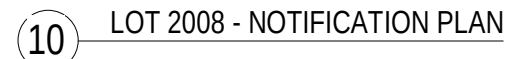
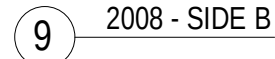
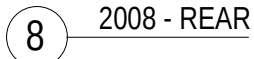
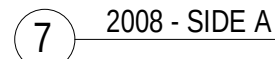
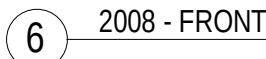
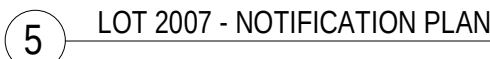
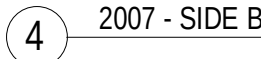
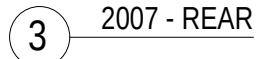
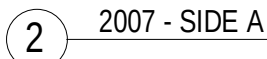
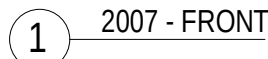


project:
WSU - MILPERRA
2 Bullecourt Avenue, Milperra NSW 2214
Stage: 2 Site: 2.1 Lot: 2007-2011

title:
ROOF PLANS

job no: MB-10197
drawing no: S2-02-DA230
scale @ A1 : 1 : 200
date: 08.11.24 rev: C



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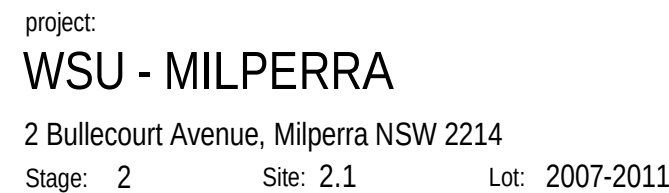
**MIRVAC
DESIGN**

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Level 28 280 George St
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Mirvac Design Pty Ltd.
ABN 78 003 359 153

Mirvac Design Nominated / Responsible Architects
Anita Verma, Michael Wilfong, David Hirst, Paramong Sinbandhit, Andrew La.
<https://www.mirvacdesign.com/nominated-architects>



job no: MB-10197
drawing no: S2-02-DA250
scale @ A1 : 1 : 200
date: 08.11.24 rev:



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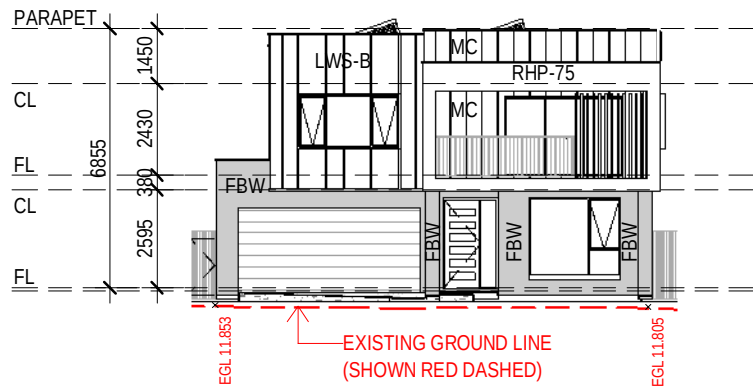
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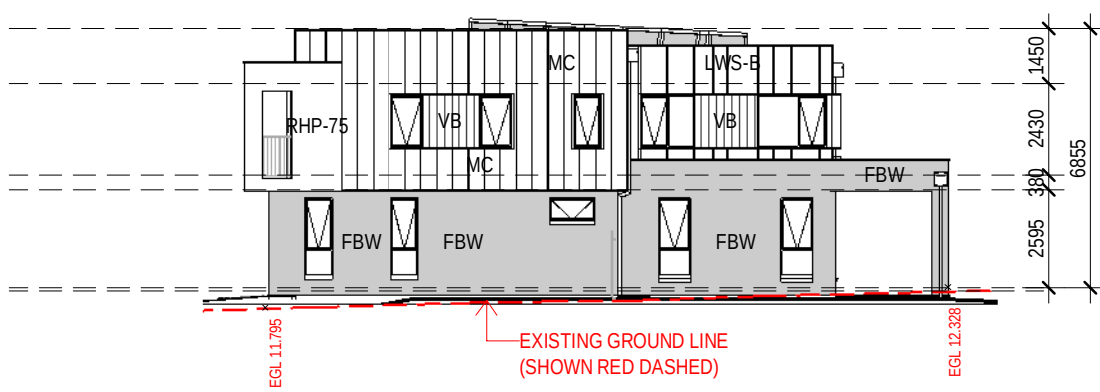
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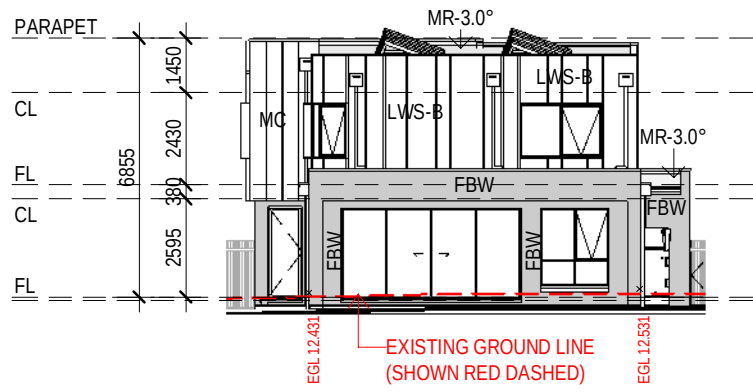
EXTERNAL FINISHES WALL TYPE	
EXTENT OF FINISHES INDICATED ONLY. REFER TO FINISHES SCHEDULE	
FBW	FACE BRICKWORK
RBW	RENDERED BRICKWORK
RHP - 75	RENDERED REBEL PANEL 75
RHP - 50	RENDERED REBEL PANEL 50
VB	LIGHTWEIGHT CLADDING - VERTICAL REBEL LOOK
TL	TILE FEATURE CLADDING
LWC - H	LIGHT WEIGHT CLADDING - HORIZONTAL
LWS	RENDERED LIGHTWEIGHT SHEET CLADDING
LWS - B	PAINTED LIGHTWEIGHT SHEET CLADDING WITH FEATURE BATTENS
MC	COLOURBOND METAL CLADDING



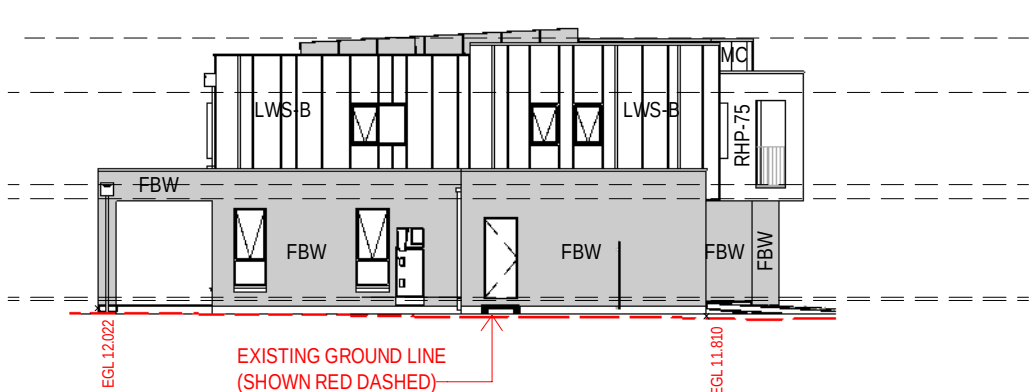
1 2010 - FRONT
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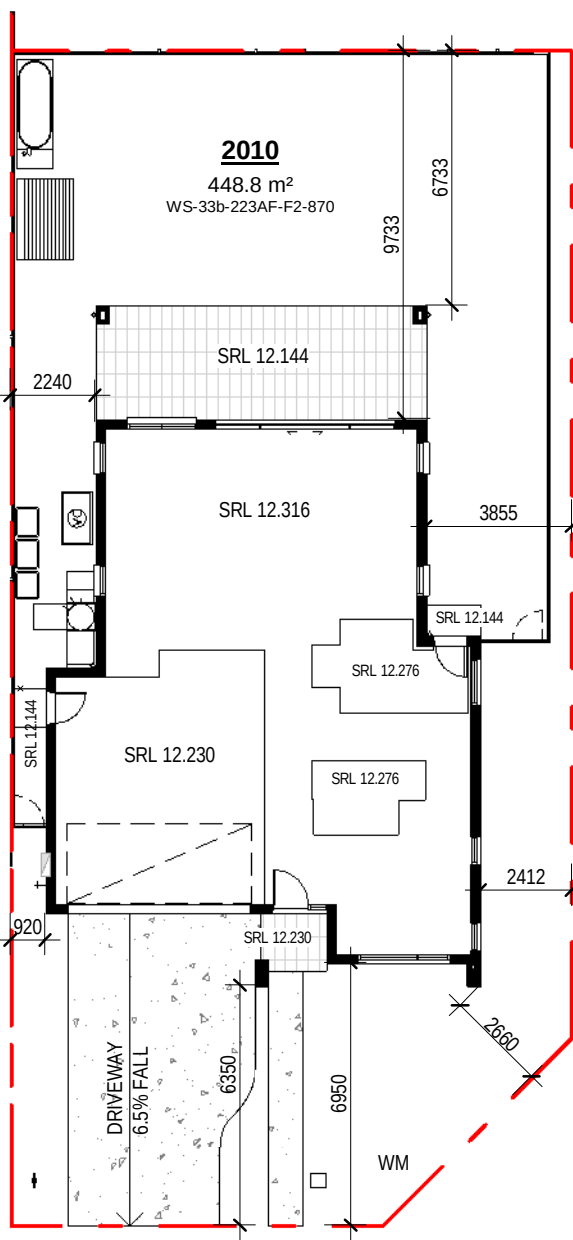
2 2010 - SIDE A
1 : 200



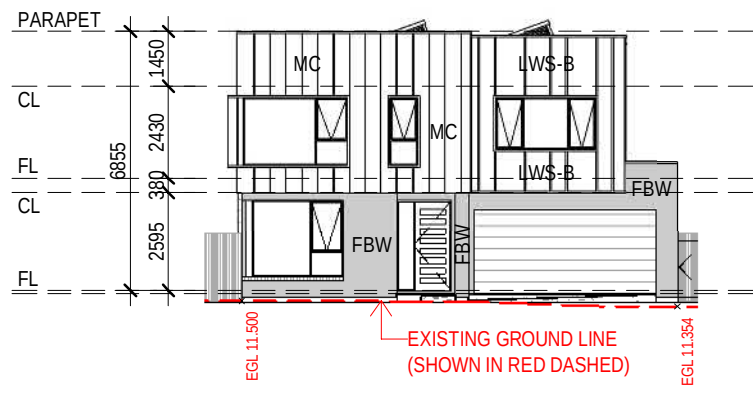
3 2010 - REAR
1 : 200



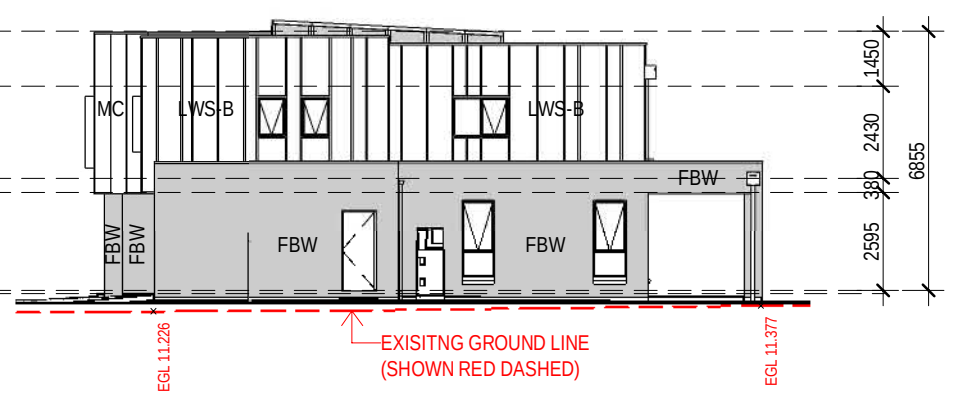
4 2010 - SIDE B
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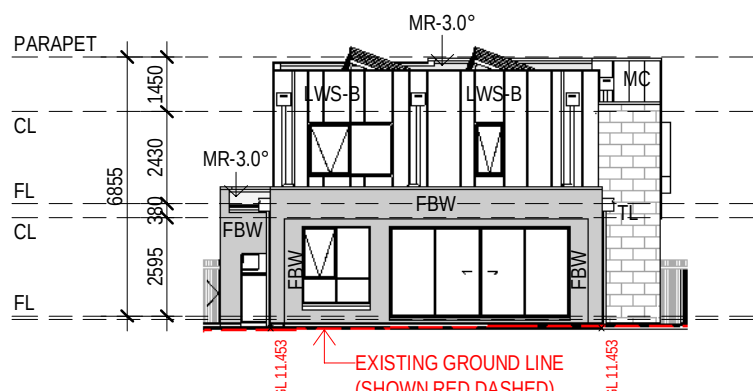
5 LOT 2010 - NOTIFICATION PLAN



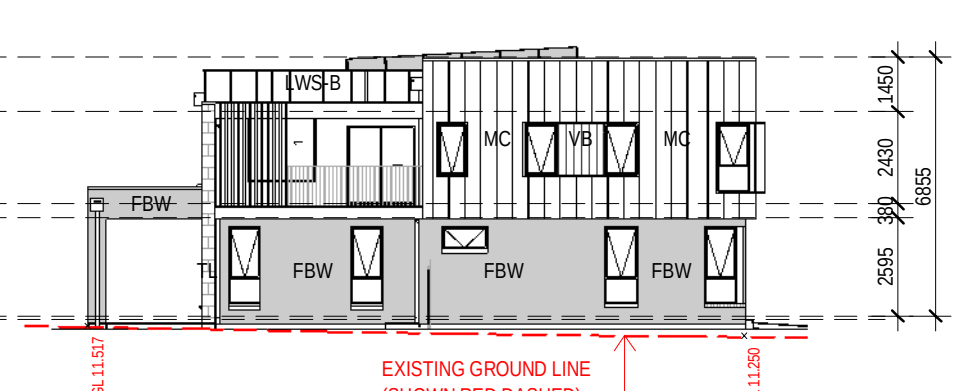
6 2011 - FRONT
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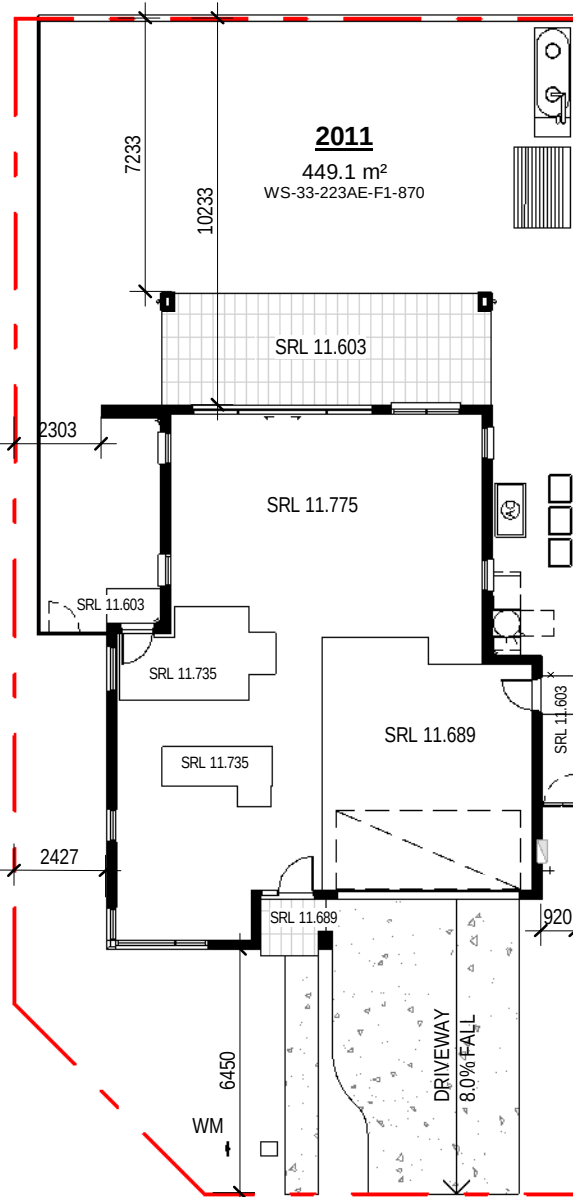
7 2011 - SIDE A
1 : 200



8 2011 - REAR
1 : 200



9 2011 - SIDE B
1 : 200

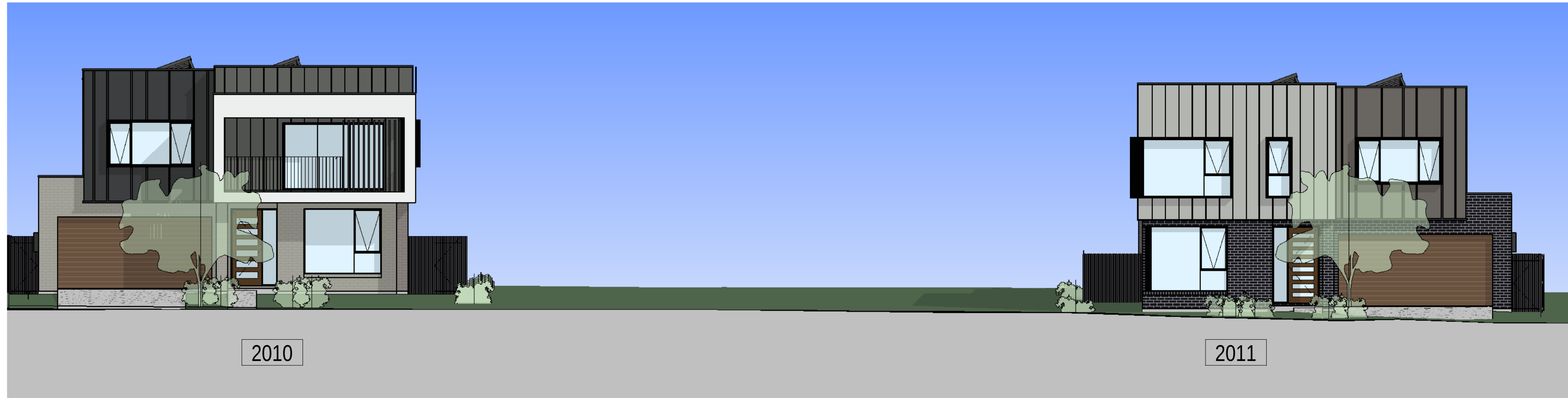


10 LOT 2011 - NOTIFICATION PLAN
1 : 200





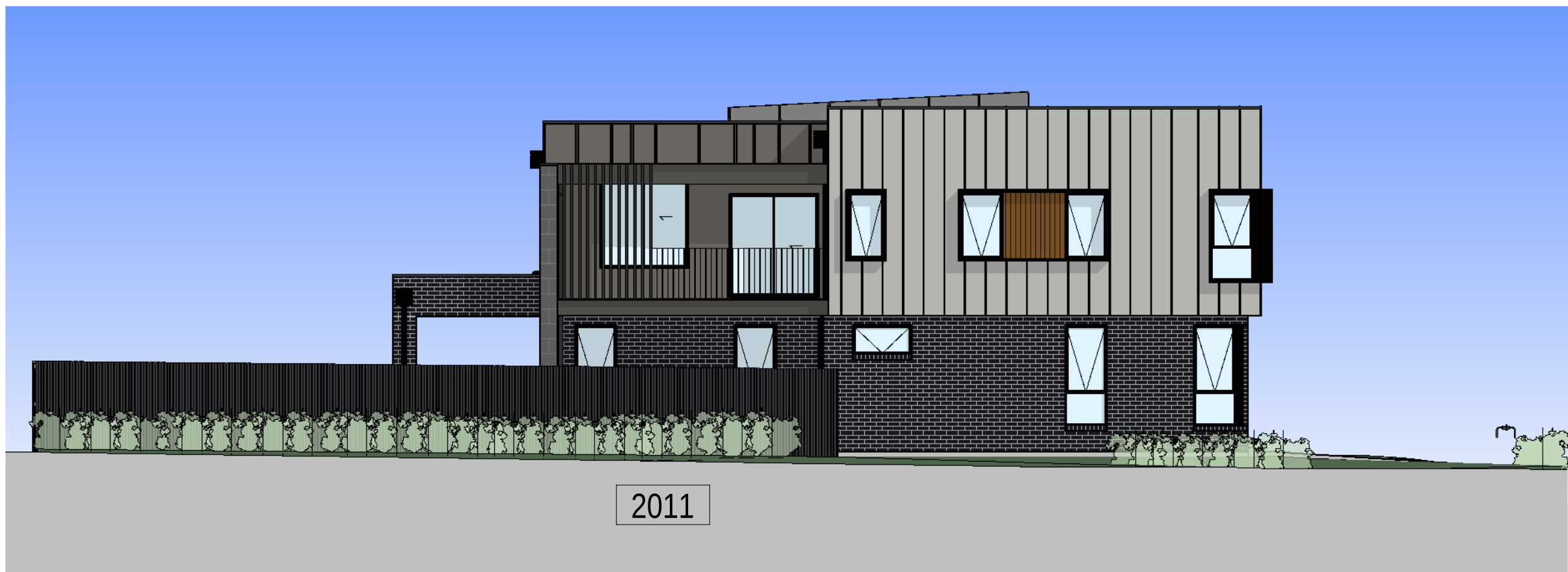
2 FRONT ELEVATION - LOT 2007-2009
1 : 100



3 FRONT ELEVATION - LOT 2010-2011
1 : 100



4 SIDE ELEVATION - LOT 2010



5 SIDE 1 ELEVATION - LOT 2011
1 : 100

08.11.24	C	ISSUE FOR DA
25.10.24	B	ISSUE TO CONSULTANTS
15.10.24	A	ISSUE FOR REVIEW
08/11	REV	amendment

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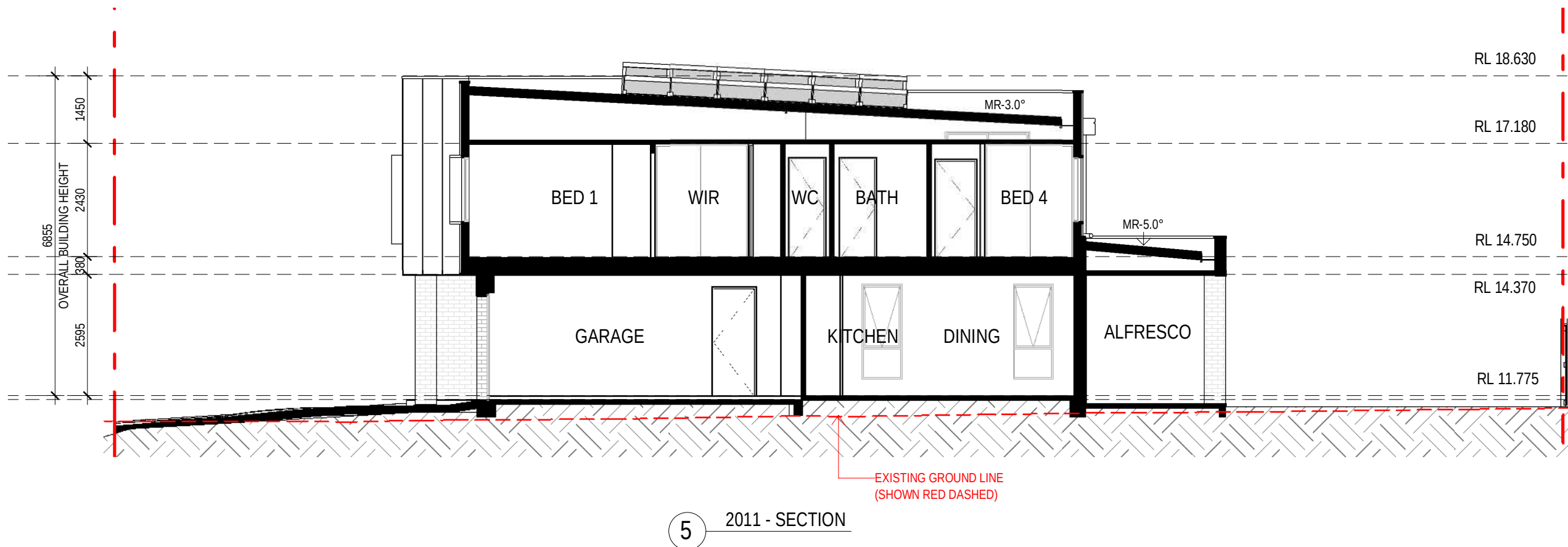
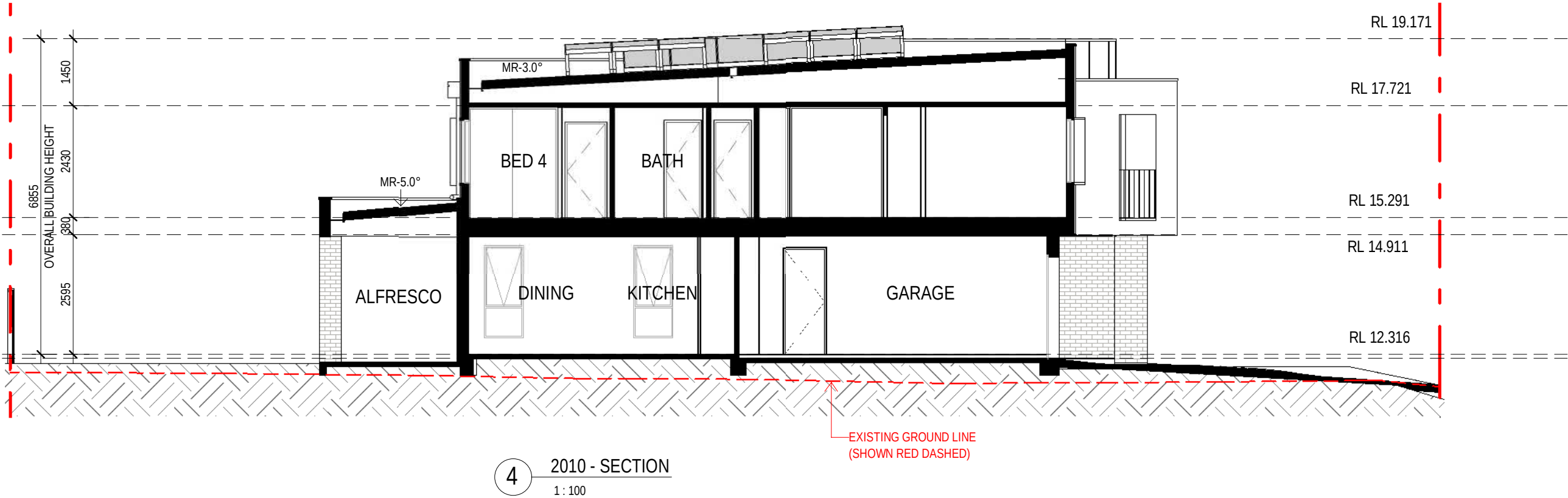
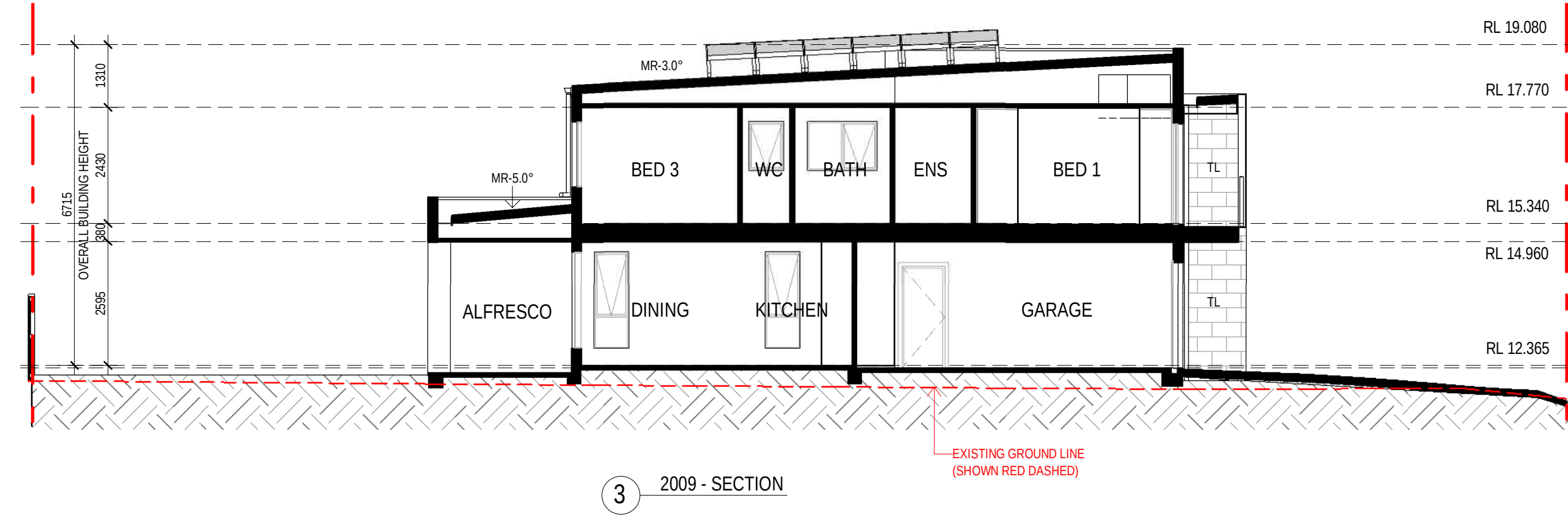
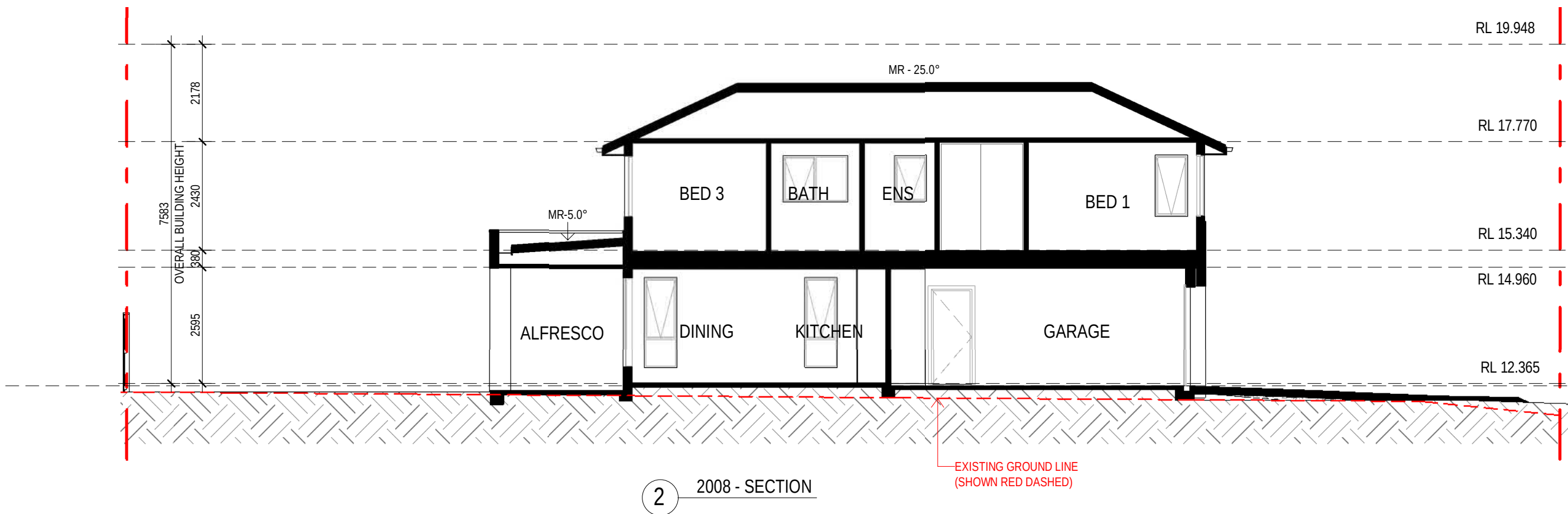
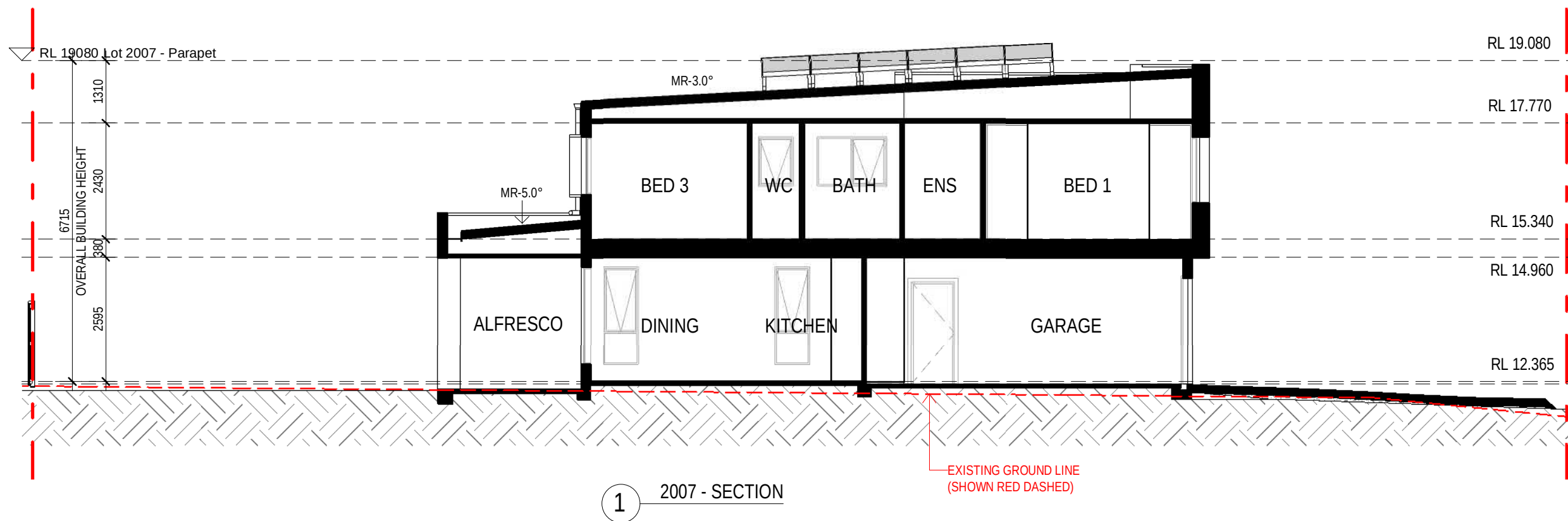
200mm

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300mm



ELEVATION / SECTION

AC	AIRCON CONDENSER
ACD	AIRCON DUCT
ACE	AIRCON EVAPORATOR
APD	ALUMINIUM PERGOLA TO DETAIL
BAL	BALUSTRADE
BAT	BATTERY STORAGE UNIT
BH	BULKHEAD OVER
BOW	BOTTOM OF WALL LEVEL
C	CURBROAD
CL	CLOTHESLINE
D	DOOR
DP	DOWNSPIPE
DPS	DOWNSPIPE & SPREADER
EGL	EXISTING GROUND LEVEL
EXHE	EXHAUST TO EAVES OR SOFFIT
EXHR	EXHAUST TO ROOF
EXHW	EXHAUST TO WALL
FCL	FINISHED CEILING LEVEL
FRL	FINISHED RELATIVE LEVEL
GD	GARAGE DOOR OPENING AS SPECIFIED
GM	GAS METER
HC	HOSE COCK
HCR	HOSE COCK RECYCLE
HDC	HARDWARE DISTRIBUTION CABINET
HH	HEAD OF OPENING - HEIGHT AS NOTED
HRL	HANDRAIL - 1000mm HIGH MIN.
HWU	HOT WATER UNIT
HWU	INSTANTANEOUS HOT WATER UNIT
INV	INVERTER
L	LINEN
LB	LETTER BOX
LHW	LOW HEIGHT WALL - HEIGHT AS NOTED
MB	ELECTRICAL METREBOX
MR	METAL ROOF - PITCH AS NOTED
NBN	NATIONAL BROADBAND NETWORK
NCDP	NON COMBUSTIBLE DOWNSPIPE (NSW ONLY)
OP	OVERSLOW
PB	PLASTERBOARD
PCD	PREMISES CONNECTION DEVICE
PWM	NON POTABLE RECYCLED WATER METER
RL	REDUCED LEVEL
RWH	RAINWATER HEAD
RWT	RAINWATER TANK
S	STORAGE
SD	STEPPDOWN
SCR	SCREEN
SL	SKYLIGHT OVER
SP	STRUCTURAL POST TO ENGINEERS DETAIL
SRL	STRUCTURAL RELATIVE LEVEL
ST	STORAGE
TOW	TOP OF WALL LEVEL
TP	TIMBER POST - SIZE AS NOTED
TPG	TIMBER PERGOLA TO DETAIL
TR	TILED ROOF - PITCH AS NOTED
VJ	VERTICAL JOINT
W	WINDOW
WM	WATER METER
WT	WALL TYPE
WTC	RAINWATER TANK CONTROL

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08/	REV	amendment

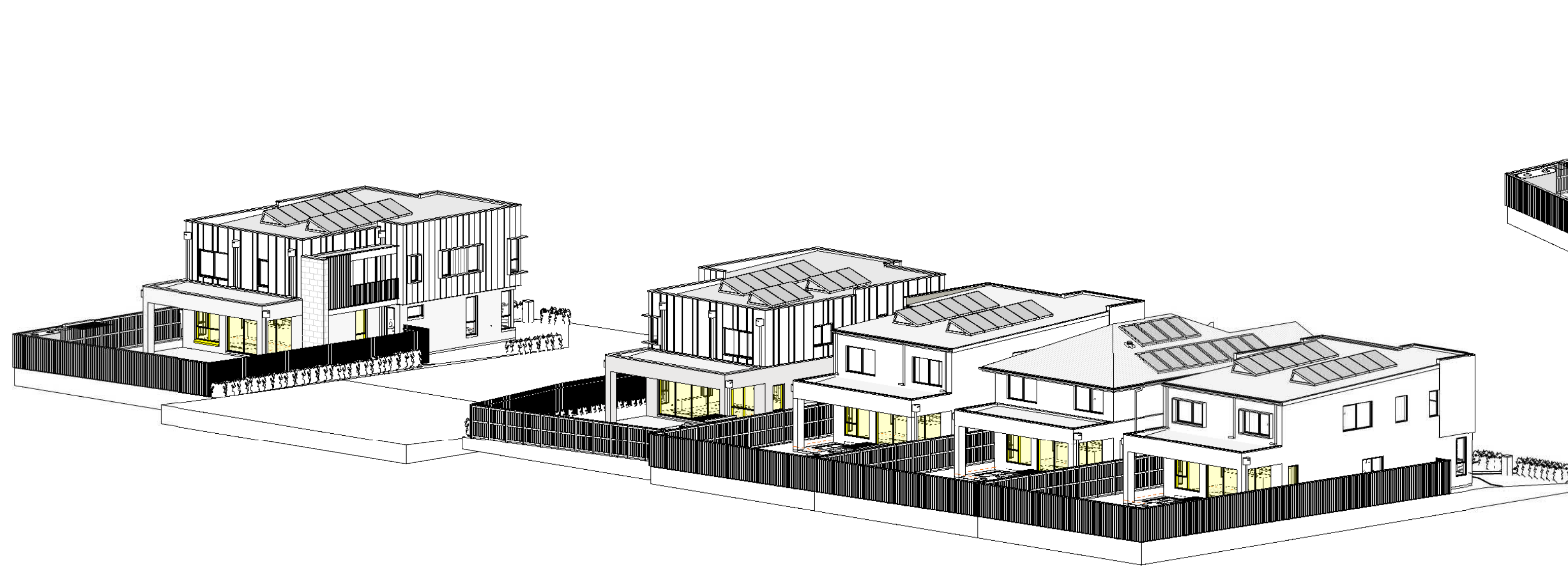


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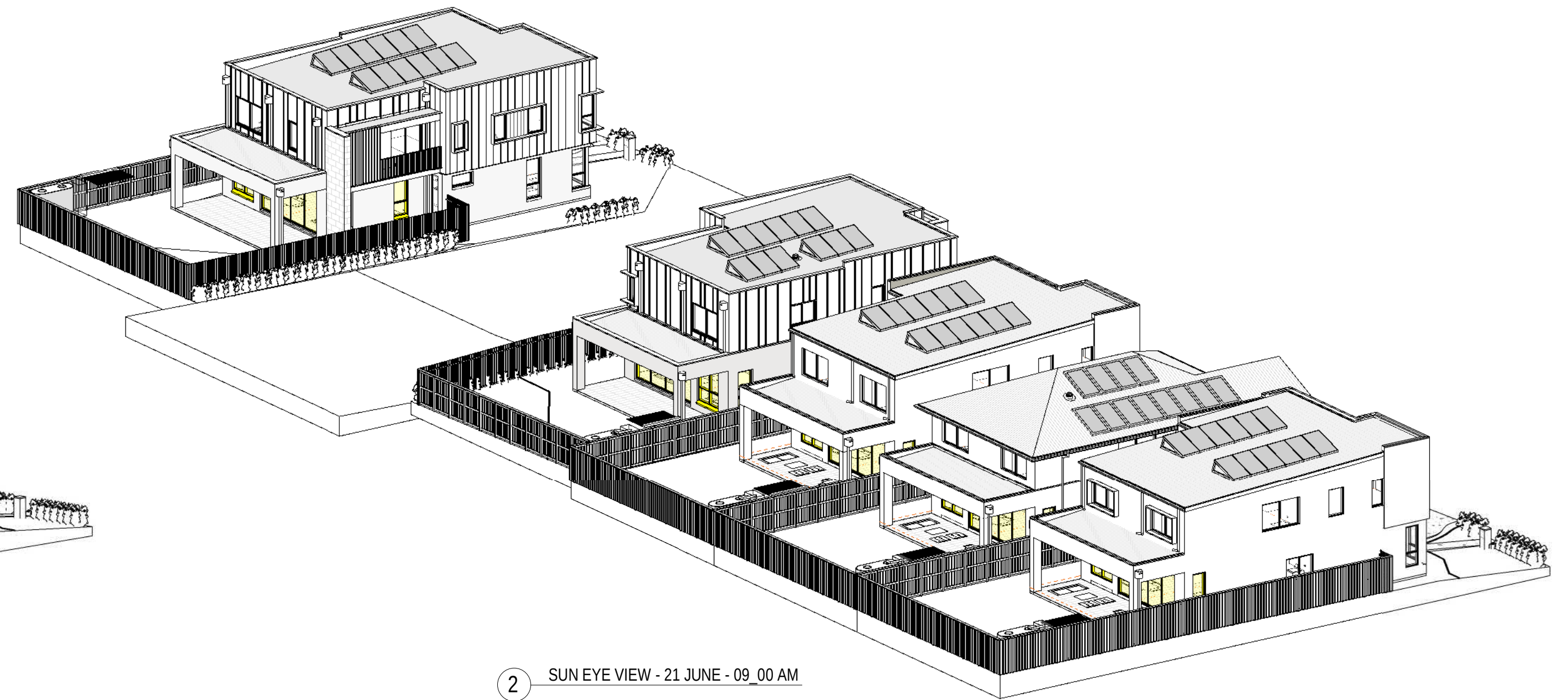


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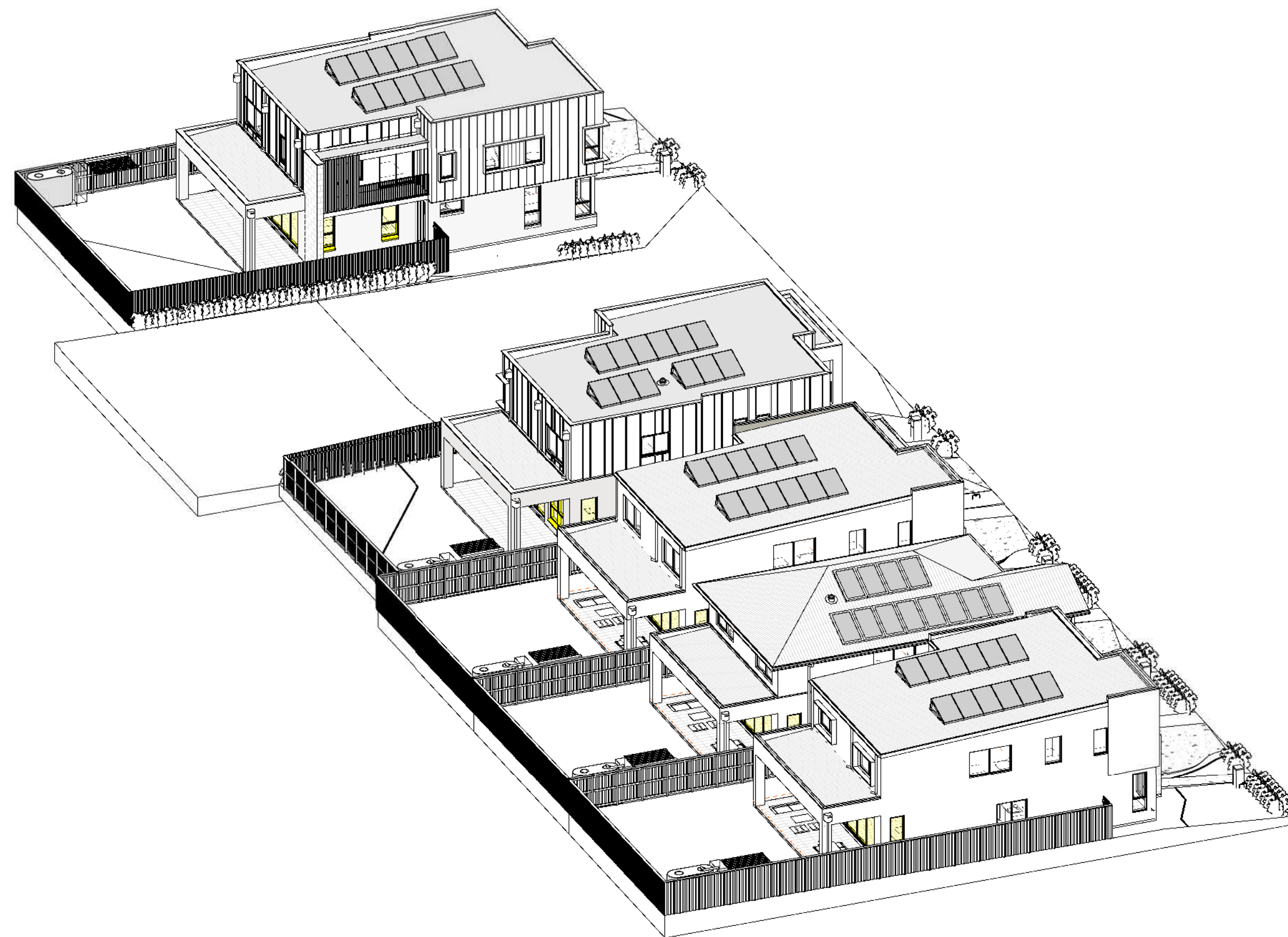
*NOTE : CALCULATIONS OF SOLAR
COVERAGE IN ACCORD WITH THE
DCP MIN 3 HRS OF 50% OF THE
POS FROM 8:00AM - 4:00PM



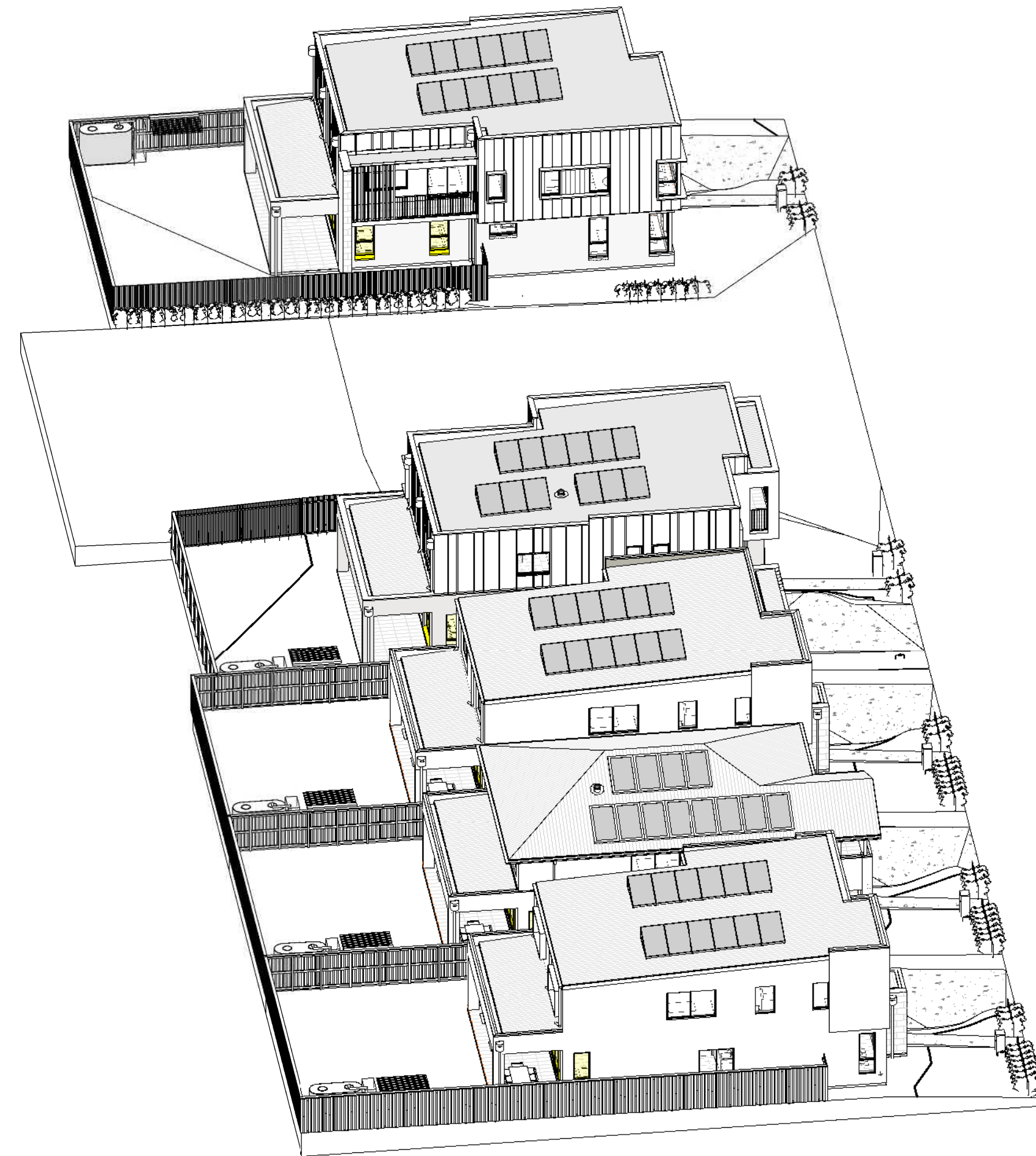
1 SUN EYE VIEW - 21 JUNE - 08_00 AM



2 SUN EYE VIEW - 21 JUNE - 09_00 AM



3 SUN EYE VIEW - 21 JUN - 10_00 AM



4 SUN EYE VIEW - 21 JUN - 11_00 AM

0mm

100mm

200mm

300mm

100mm

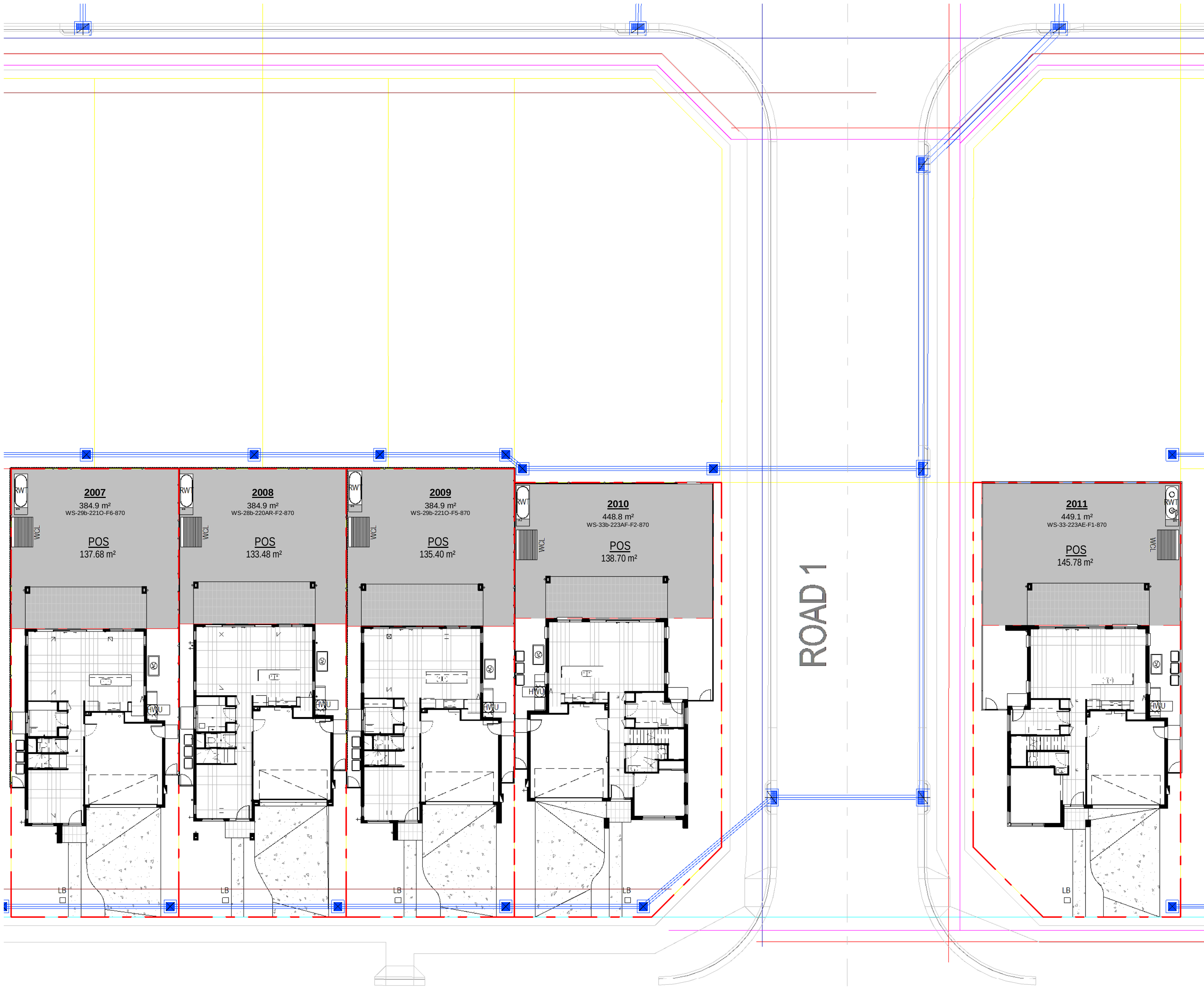
200mm

300mm

FRONT LANDSCAPED AREA SCHEDULE				
Lot Number	Frontyard Area	Landscaped Frontyard Area	Landscaped Frontyard (min 40%)	Complies (min 40%)
2007	84.21 m²	40.52 m²	48.11%	Yes
2008	87.87 m²	42.95 m²	48.88%	Yes
2009	84.86 m²	40.37 m²	47.57%	Yes
2010	97.23 m²	52.98 m²	54.48%	Yes
2011	91.72 m²	49.93 m²	54.43%	Yes

LANDSCAPED AREA SCHEDULE				
Lot Number	Lot_Area	Soft Landscape Area	Landscaped Area Provided (Min. 25% of Site Area)	Complies
2007	384.90 m²	184.95 m²	48.05%	Yes
2008	384.90 m²	183.48 m²	47.67%	Yes
2009	384.90 m²	183.69 m²	47.72%	Yes
2010	448.80 m²	234.36 m²	52.22%	Yes
2011	449.10 m²	237.01 m²	52.77%	Yes

POS AREA SCHEDULE	
Lot No	POS
2007	137.7 m²
2008	133.5 m²
2009	135.4 m²
2010	138.7 m²
2011	145.8 m²



1 DA/TP - PRIVATE OPEN SPACE
1: 200

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date	rev	amendment

MIRVAC DESIGN
Level 28 200 George St
Sydney NSW 2000
Tel: 02 9550 8000
Mirvac Design Pty Ltd
ABN 70 007 997 931
Mirvac Design Nominees / Responsible Architects
Anna Verma, Michael Miller, David Hino, Farmington, Stralander, Andrew Li
https://www.mirvacdesign.com/nominees-and-architects



project:
WSU - MILPERRA
2 Bullecourt Avenue, Milperra NSW 2214
Stage: 2 Site: 2.1 Lot: 2007-2011

title:
**AREA PLAN - PRIVATE OPEN SPACE
AND PERMEABLE AREA**

job no: MB-10197
drawing no: S2-02-DA420
scale @ A1 : 1 : 200
date: 08.11.24 rev: C

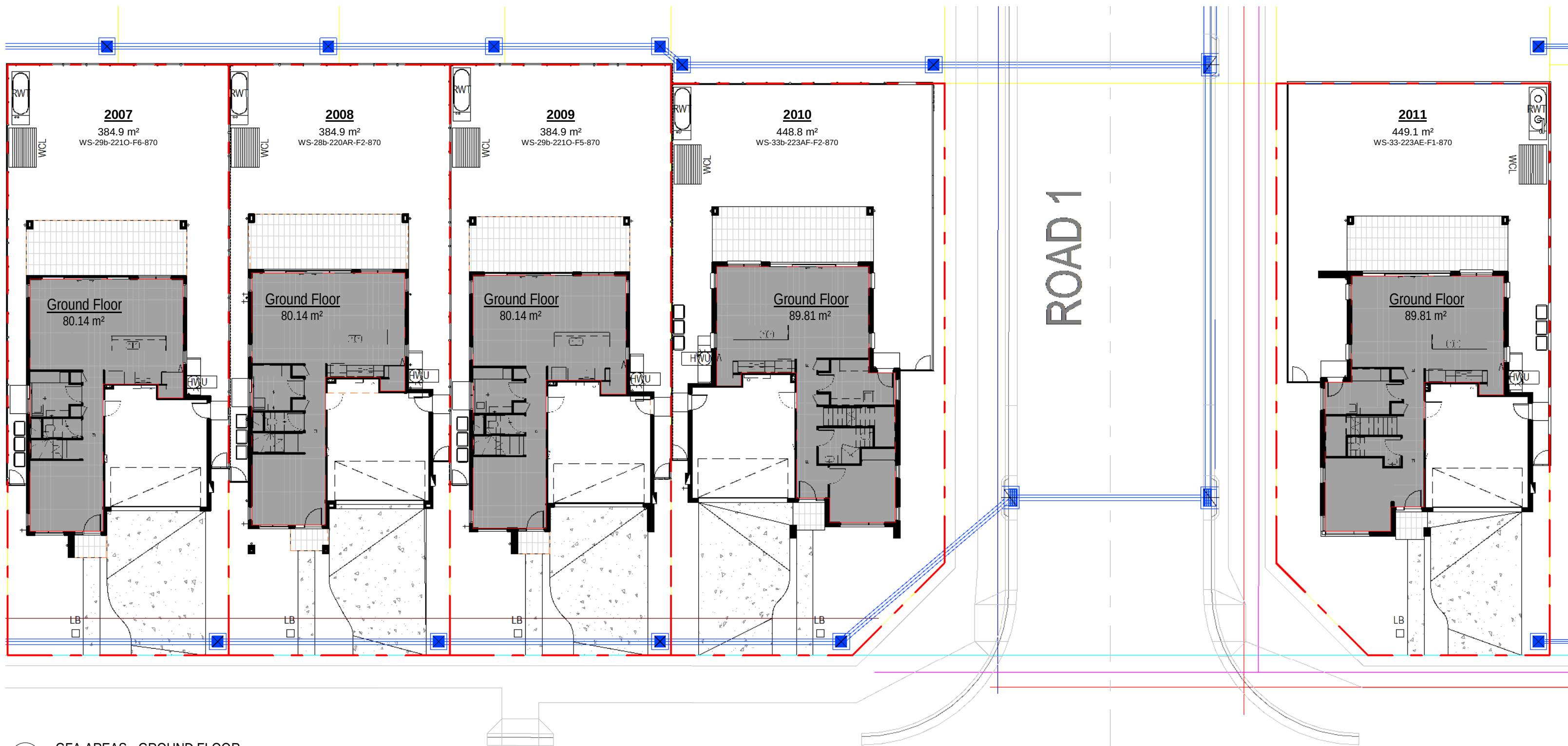


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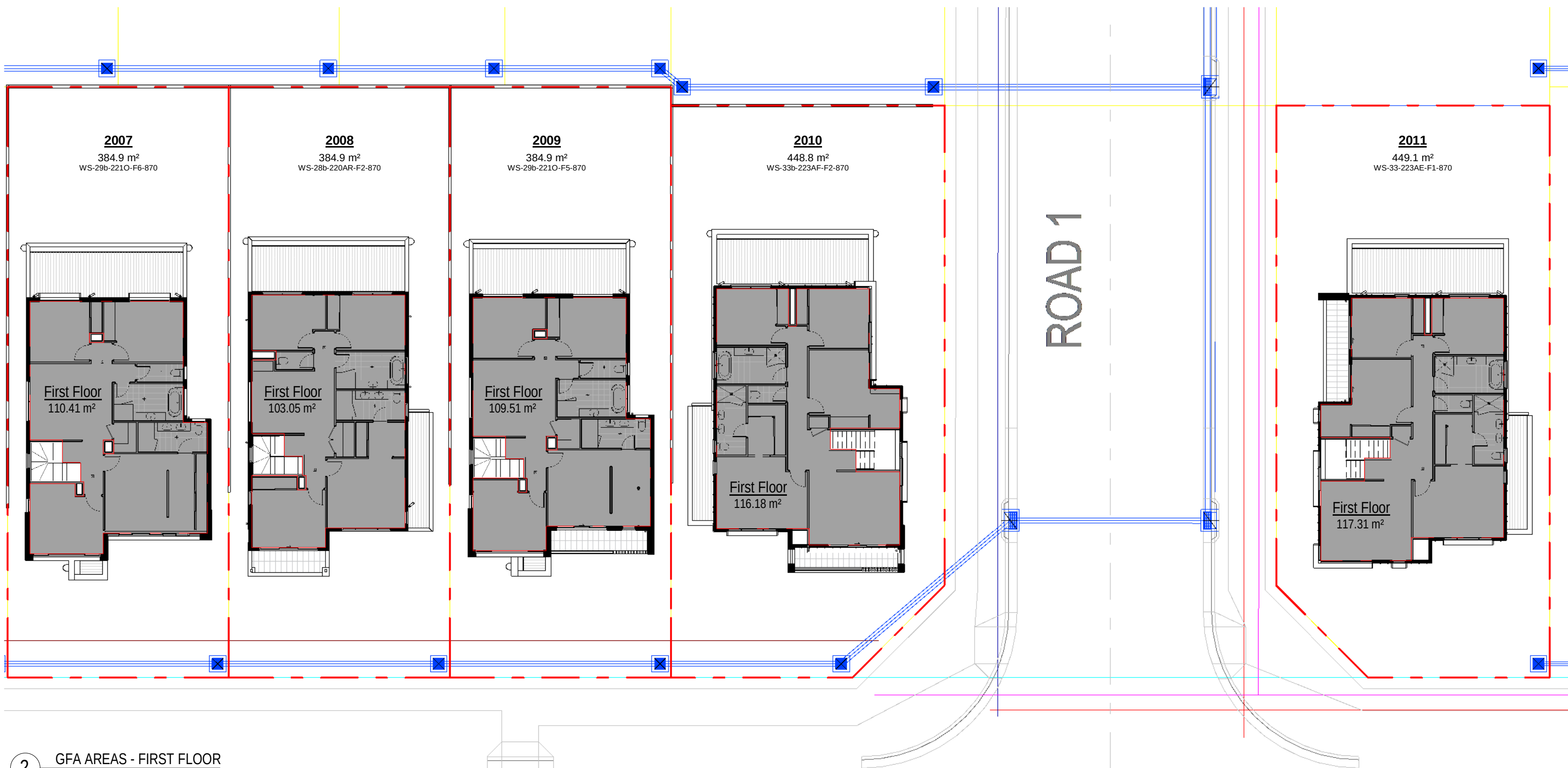
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200mm

300mm



1 GFA AREAS - GROUND FLOOR
1 : 200



2 GFA AREAS - FIRST FLOOR

SITE FSR			
Lot No	Gross floor area	Lot Area	FSR
2007	190.6 m²	384.9 m²	49.51%
2008	183.2 m²	384.9 m²	47.60%
2009	189.6 m²	384.9 m²	49.27%
2010	206.0 m²	448.8 m²	45.90%
2011	207.1 m²	449.1 m²	46.12%

SITE - GFA SCHEDULE (FSR CALC.)		
Lot No.	Name	Area*
2007	Ground Floor	80.1 m²
2007	First Floor	110.4 m²
		190.6 m²
2008	Ground Floor	80.1 m²
2008	First Floor	103.1 m²
		183.2 m²
2009	Ground Floor	80.1 m²
2009	First Floor	109.5 m²
		189.6 m²
2010	Ground Floor	89.8 m²
2010	First Floor	116.2 m²
		206.0 m²
2011	Ground Floor	89.8 m²
2011	First Floor	117.3 m²
		207.1 m²
Grand total		976.5 m²

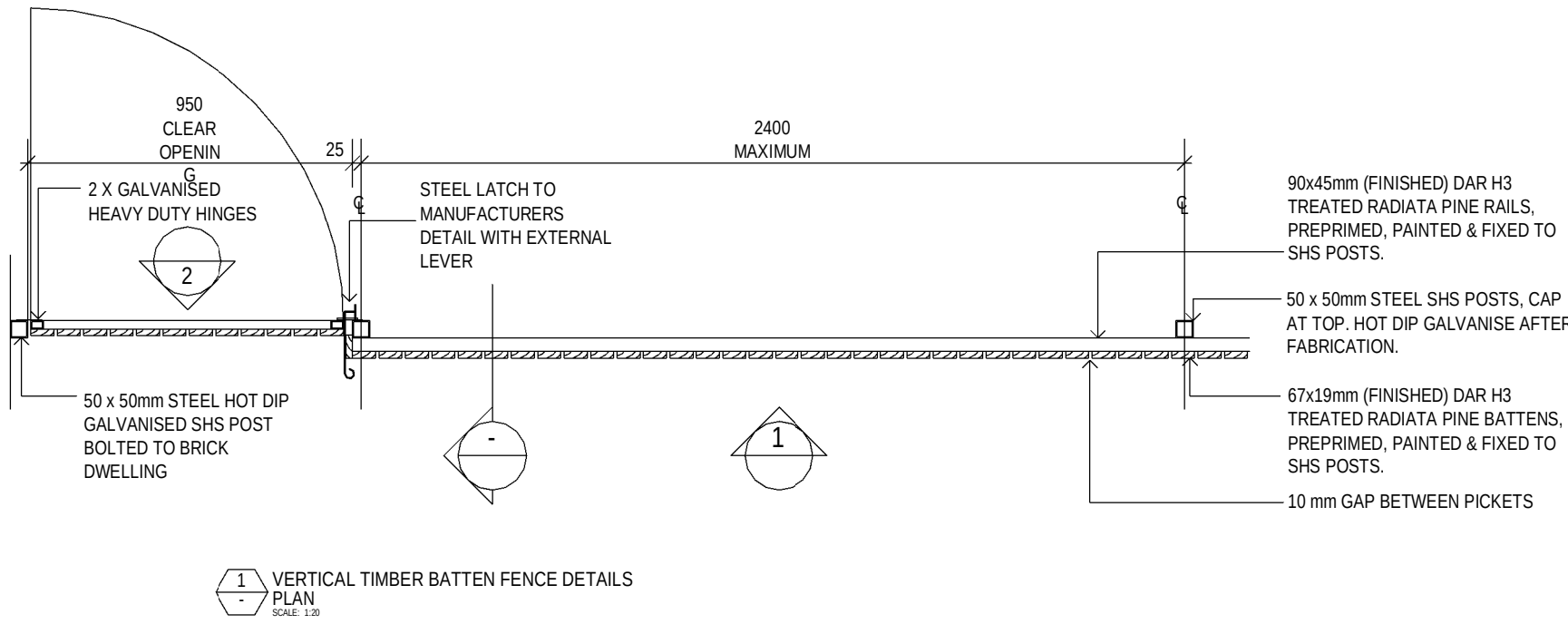


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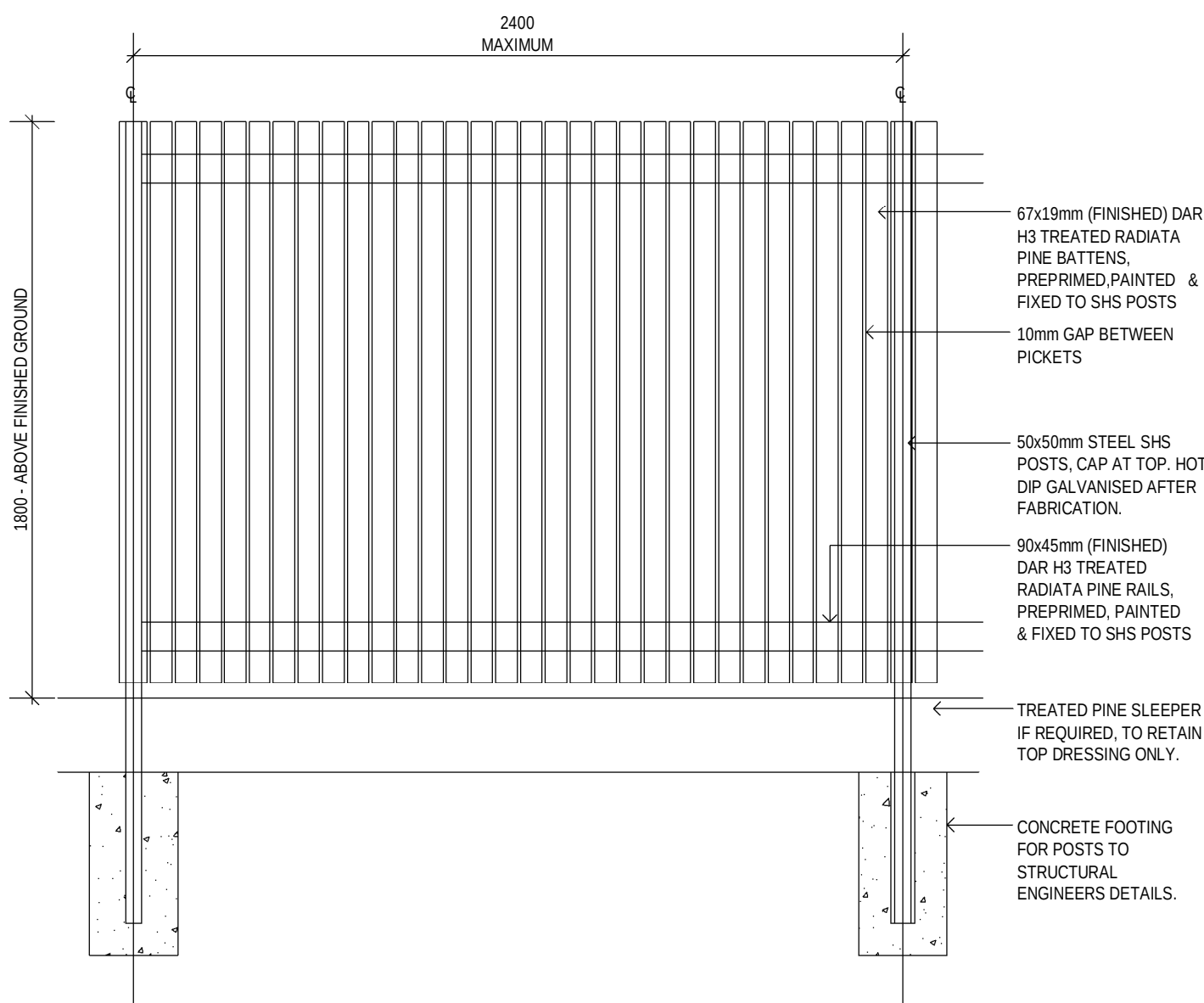
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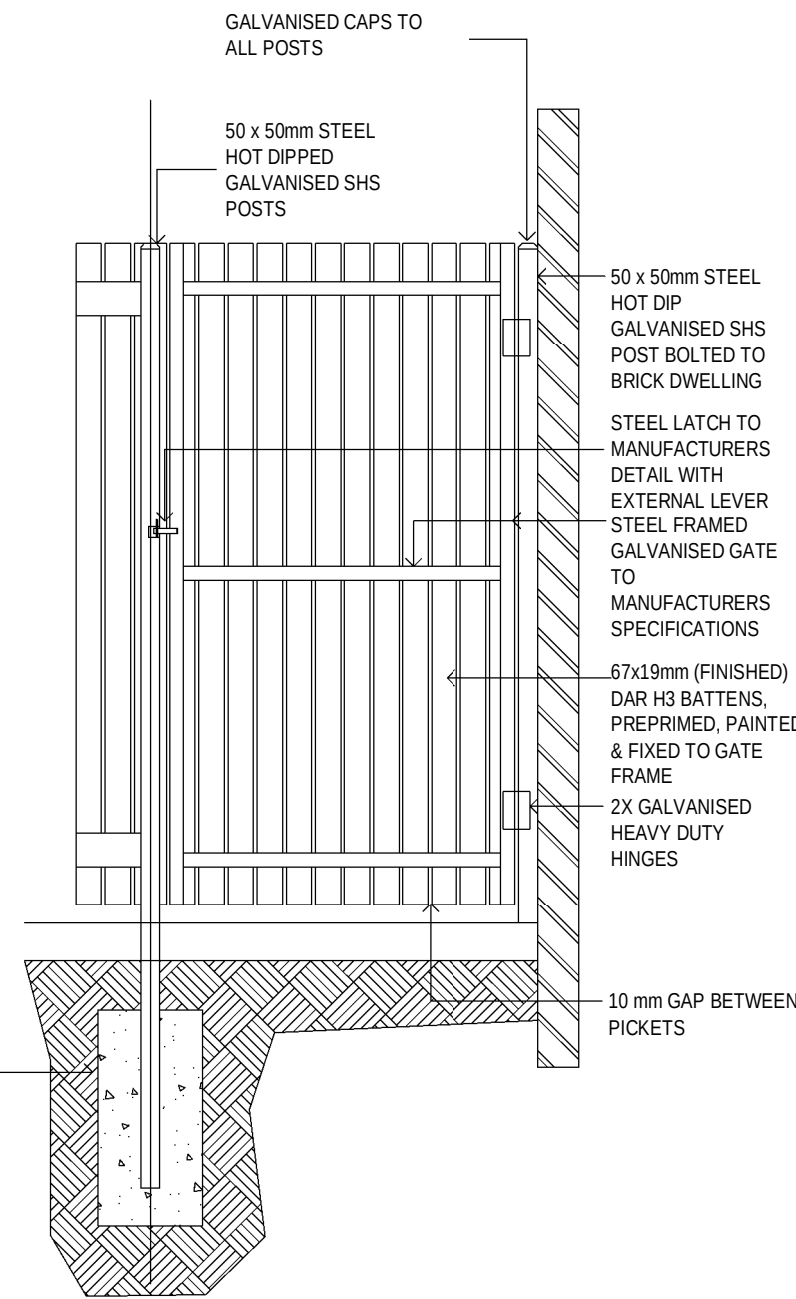
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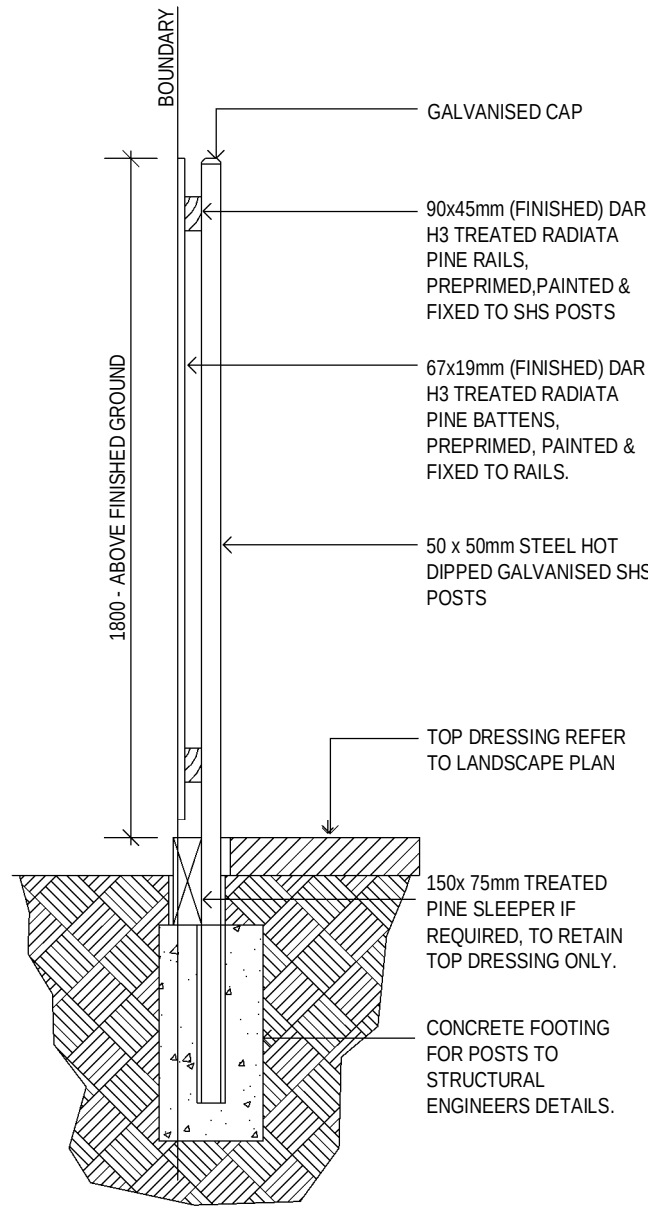
1 VERTICAL TIMBER BATTEN FENCE DETAILS
PLAN
SCALE 1:5



2 VERTICAL TIMBER BATTEN FENCE DETAILS
ELEVATION 1
SCALE 1:5



3 VERTICAL TIMBER BATTEN FENCE DETAILS
ELEVATION 2
SCALE 1:5



4 VERTICAL TIMBER BATTEN FENCE DETAILS
SECTION
SCALE 1:5

08.11.24	C	ISSUE FOR DA
25.10.24	B	ISSUE TO CONSULTANTS
15.10.24	A	ISSUE FOR REVIEW
date	rev	amendment

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100mm

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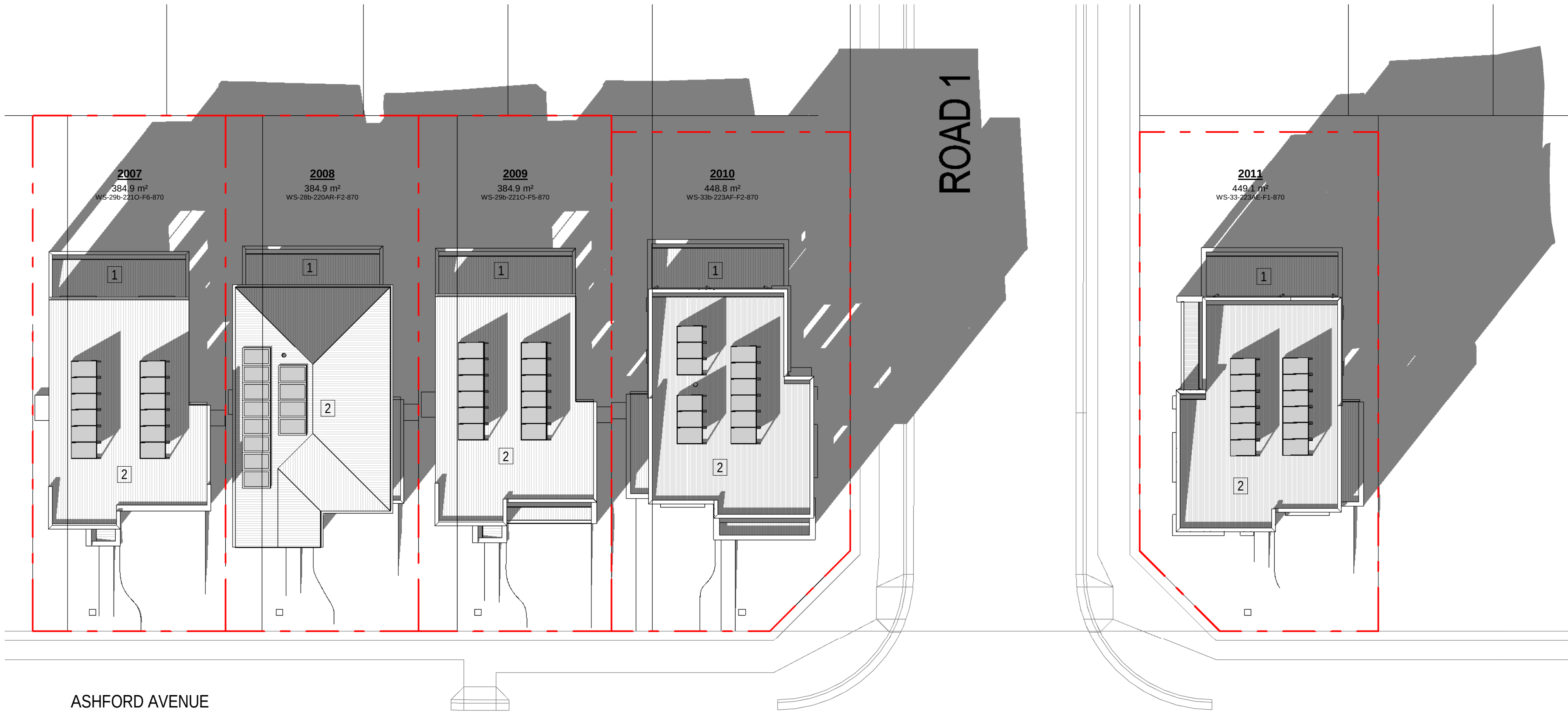
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SHADOWS	
1	ONE STOREY BUILDING
2	TWO STOREY BUILDING
3	THREE STOREY BUILDING
PV	PHOTOVOLTAIC SOLAR PANEL
	SHADOW

100mm

200mm

300mm



ASHFORD AVENUE

1 DA/TP SHADOW PLAN 21 JUNE - 3PM

SOLAR COVERAGE IN POS

*NOTE : CALCULATIONS OF SOLAR COVERAGE IN ACCORD WITH THE DCP MIN 3 HRS OF 50% OF THE POS FROM 8:00AM - 4:00PM

0_Lot No	0_House Type	8am	9am	10am	11am	12noon	1pm	2pm	3pm	4pm	Solar Compliance*
2007	WS-29b-221O-F6-870	132.4 m²	132.3 m²	127.8 m²	118.6 m²	108.2 m²	92.2 m²	74.5 m²	49.9 m²	38.6 m²	Yes
2008	WS-28b-220AR-F2-870	128.4 m²	127.4 m²	120.6 m²	106.6 m²	89.2 m²	70.0 m²	41.1 m²	0.0 m²	0.0 m²	Yes
2009	WS-29b-221O-F5-870	129.5 m²	129.1 m²	120.1 m²	103.3 m²	89.0 m²	69.4 m²	38.8 m²	0.0 m²	0.0 m²	Yes
2010	WS-33b-223AF-F2-870	138.5 m²	137.0 m²	129.7 m²	113.6 m²	90.3 m²	66.5 m²	25.2 m²	0.0 m²	0.0 m²	Yes
2011	WS-33-223AE-F1-870	146.0 m²	146.1 m²	141.6 m²	132.9 m²	121.4 m²	102.8 m²	81.4 m²	58.7 m²	51.3 m²	Yes

08.11.24	C	ISSUE FOR DA
25.10.24	B	ISSUE TO CONSULTANTS
15.10.24	A	ISSUE FOR REVIEW
08/	REV	amendment

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project:
WSU - MILPERRA
2 Bullecourt Avenue, Milperra NSW 2214
Stage: 2 Site: 2.1 Lot: 2007-2011

title:
**SHADOW ANALYSIS & DIAGRAM -
21 JUNE - 3PM**

job no: MB-10197
drawing no: S2-02-DA401
scale @ A1 : 1 : 200
date: 08.11.24 rev: C

