

KINLEA - MILPERRA WSU

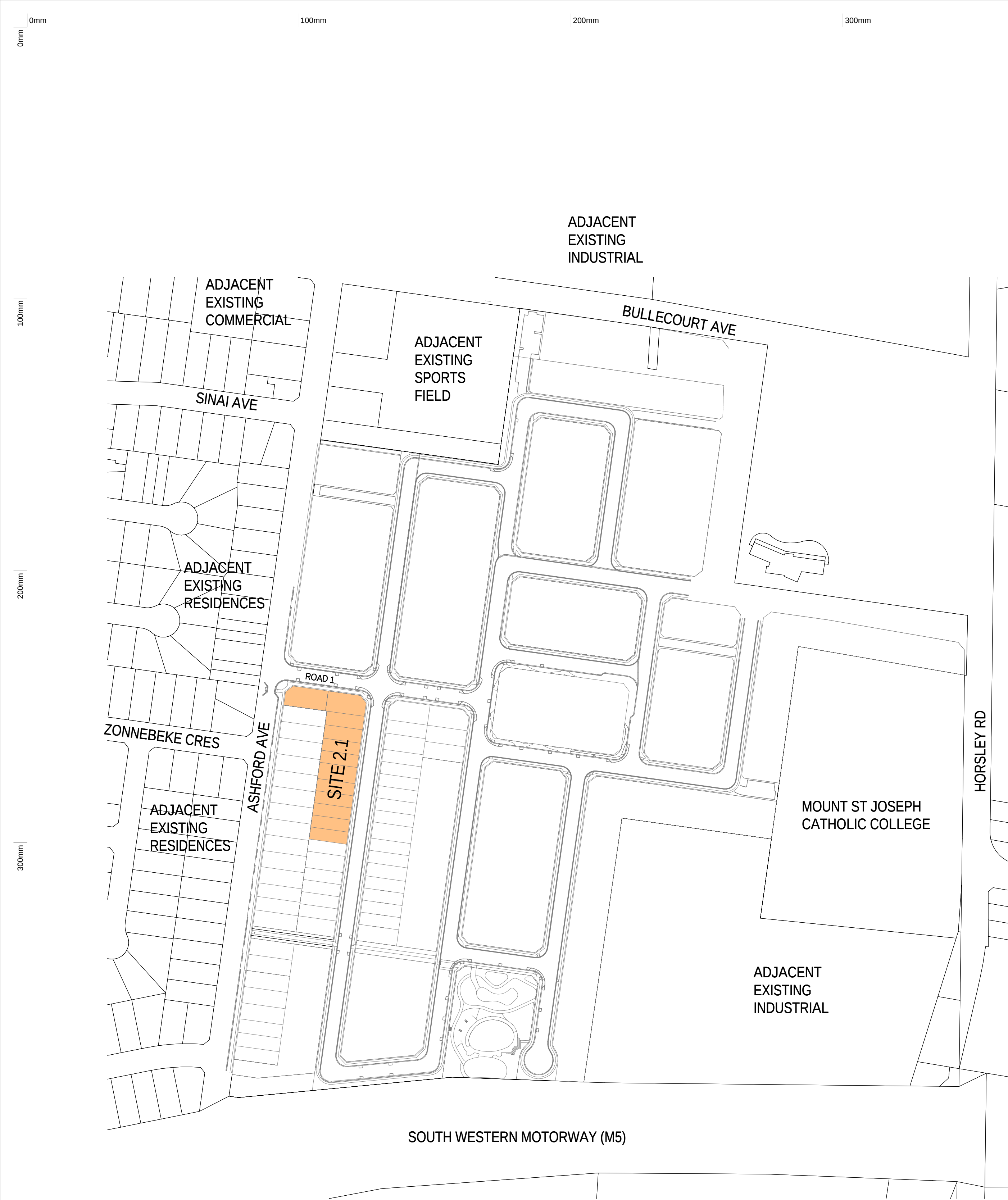
(WESTERN SYDNEY UNIVERSITY)

STAGE 2 - SITE 2.1

LOTS: 2101-2109

SHEET NO.	DRAWING TITLE	REV
S2-2.1-DA000	COVER SHEET	C
S2-2.1-DA001	THERMAL PERFORMANCE & SUSTAINABILITY SPECIFICATIONS - LOTS 2101-2109	B
S2-2.1-DA050	LOCATION & SITE ANALYSIS PLAN	B
S2-2.1-DA100	EROSION, BENCHING & SEDIMENT CONTROL PLAN - LOT2101	B
S2-2.1-DA101	EROSION, BENCHING & SEDIMENT CONTROL PLAN - LOT2102-2105	B
S2-2.1-DA102	EROSION, BENCHING & SEDIMENT CONTROL PLAN - LOT2106-2109	B
S2-2.1-DA140	HYDRAULIC CONCEPT PLAN - LOT2101	B
S2-2.1-DA141	HYDRAULIC CONCEPT PLAN - LOT2102-2105	B
S2-2.1-DA142	HYDRAULIC CONCEPT PLAN - LOT2106-2109	B
S2-2.1-DA210	GROUND FLOOR PLANS - LOT 2101	B
S2-2.1-DA211	GROUND FLOOR PLANS - LOT 2102-2105	B
S2-2.1-DA212	GROUND FLOOR PLANS - LOT 2106-2109	B
S2-2.1-DA220	FIRST FLOOR PLANS - LOT 2101	B
S2-2.1-DA221	FIRST FLOOR PLANS - LOT 2102-2105	B
S2-2.1-DA222	FIRST FLOOR PLANS - LOT 2106-2109	B
S2-2.1-DA230	ROOF PLANS - LOT 2101	B
S2-2.1-DA231	ROOF PLANS - LOT 2102-2105	B
S2-2.1-DA232	ROOF PLANS - LOT 2106-2109	B
S2-2.1-DA300	ELEVATIONS AND SECTIONS - LOT 2101	C
S2-2.1-DA301	ELEVATIONS AND SECTIONS - LOT 2102	C
S2-2.1-DA302	ELEVATIONS AND SECTIONS - LOT 2103	C
S2-2.1-DA303	ELEVATIONS AND SECTIONS - LOT 2104	C
S2-2.1-DA304	ELEVATIONS AND SECTIONS - LOT 2105	C
S2-2.1-DA305	ELEVATIONS AND SECTIONS - LOT 2106	C
S2-2.1-DA306	ELEVATIONS AND SECTIONS - LOT 2107	C
S2-2.1-DA307	ELEVATIONS AND SECTIONS - LOT 2108	C
S2-2.1-DA308	ELEVATIONS AND SECTIONS - LOT 2109	C
S2-2.1-DA320	COLOURED STREETSCAPES	C
S2-2.1-DA321	COLOURED PERSPECTIVES	C
S2-2.1-DA322	EXTERNAL FINISHES	C
S2-2.1-DA400	SHADOW DIAGRAM & ANALYSIS - 21 JUNE - 9AM (LOT 2101-2109)	B
S2-2.1-DA401	SHADOW DIAGRAM & ANALYSIS - 21 JUNE - 12PM (LOT 2101-2109)	B
S2-2.1-DA402	SHADOW DIAGRAM & ANALYSIS - 21 JUNE - 3PM (LOT 2101-2109)	B
S2-2.1-DA410	SUN EYE VIEW - 21 JUNE - 8AM/9PM/10PM	B
S2-2.1-DA411	SUN EYE VIEW - 21 JUNE - 11AM/12PM/1PM	B
S2-2.1-DA412	SUN EYE VIEW - 21 JUNE - 2PM/3PM/4PM	B
S2-2.1-DA420	LANDSCAPED AREA PLANS	B
S2-2.1-DA421	GFA AREA AND POS AREA PLANS	B
S2-2.1-DA800	METAL BATTEN FENCE DETAILS	C

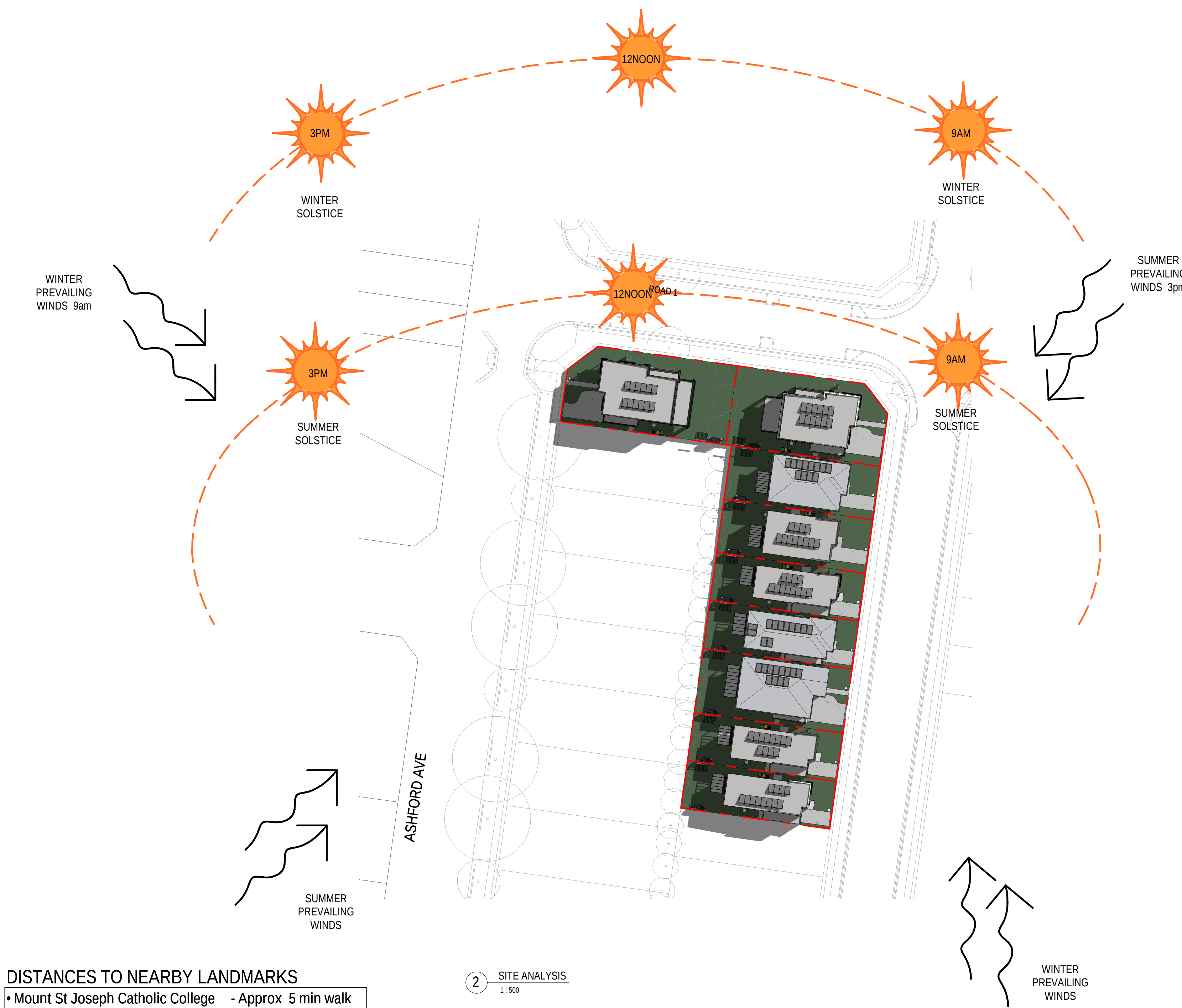
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100mm	200mm	300mm	
200mm	300mm		
300mm			
Thermal Comfort Inclusions			
Floors			
Waffle pod slab 85mm concrete and 300mm waffle pods			
Timber frame between levels, no insulation required between conditioned areas.			
Suspended timber frame, with an R4.0 insulation lined where open below			
External Walls			
75mm Hebel panel 35mm air gap sarking, R2.5 insulation (insulation only value) and plasterboard lined			
50mm Hebel panel 35mm air gap sarking, R2.5 insulation (insulation only value) and plasterboard lined			
Brick Veneer, R2.5 insulation (insulation only value) and plasterboard lined			
Lightweight cladding 20mm air gap sarking, R2.5 insulation (insulation only value) and plasterboard lined			
Note: No insulation is required to external garage walls			
External Colour:			
Light (SA < 0.475)			
Medium (SA >0.475<0.7)			
Dark (SA > 0.7)			
Walls within dwellings			
Plasterboard on studs, no insulation required.			
R2.5 insulation between unconditioned and conditioned areas (around Laundry, Bathrooms, and Garage)			
Glazing Doors/Windows			
Casement (Entry Door): U 3.0 (equal to or lower than) and SHGC 0.48 (±5%)			
Fixed (Entry Sidelight): U 3.0 (equal to or lower than) and SHGC 0.56 (±5%)			
Glazing Option 2			
Awning: U 3.3 (equal to or lower than) and SHGC 0.38 (±5%)			
Fixed: U2.4 (equal to or lower than) and SHGC 0.48 (±5%)			
Sliding door: U 3.2 (equal to or lower than) and SHGC 0.42 (±5%)			
Glazing Option 3			
Awning: U 2.9 (equal to or lower than) and SHGC 0.35 (±5%)			
Fixed: U2.0 (equal to or lower than) and SHGC 0.44 (±5%)			
Sliding door: U 2.8 (equal to or lower than) and SHGC 0.39 (±5%)			
Window frame colour			
Dark (SA > 0.7)			
Roof Windows/Skylights			
2101 and 2102: Solar tube			
Roof and Ceilings			
Metal roof with anticon blanket (R _u 1.3 and R _d 1.3)			
Concrete tiles with sarking			
R4.0 ceiling insulation (R3.0 perimeter batts where required, pitched roof only) and plasterboard lining, where roof above			
Garage ceiling with R3.0 insulation and plasterboard lining, where conditioned area above			
No insulation to garage ceiling where roof above.			
External Colour			
Metal roof Light (SA < 0.475)			
Tile roof Dark (SA > 0.7)			
Ceiling Penetrations			
Sealed and insulated LED downlights as per the lighting plan			
Sealed exhaust fans as per plans			
Floor coverings			
As per plans			
External Shading			
Shading as per stamped drawings			
Ventilation			
All external doors have weather seals, all exhaust fans and chimneys have dampers, and down lights proposed will have capped fittings			
BASIX Inclusions Summary			
BASIX Water Commitments			
Fixtures			
Showerheads: 4 star (medium flow >6.0 and ≤7.5 L/min)			
Toilet flushing system: 4 star			
Kitchen taps: 5 star			
Bathroom taps: 5 star			
Alternative water			
Minimum 70m² of harvested roof area connected to rainwater tank, minimum capacity of 2,000L.			
Rainwater tank connected to at least one outdoor tap, toilets and laundry			
BASIX Energy Commitments			
Hot water system			
Electric heat pump – 21 to 25 STCs			
HVAC cooling and heating			
Cooling and heating: three phase air-conditioning to living areas and bedrooms: EER 3.0-3.5			
Ventilation			
Bathrooms – individual fan, externally ducted to façade or roof, interlocked to light, timer off			
Kitchen – individual fan, externally ducted to façade or roof, manual on/off switch			
Laundry room – individual fan, externally ducted to façade or roof, manual on/off switch			
Other			
Electric cooktop, electric oven			
Outdoor clothes drying line			
Alternative energy			
Photovoltaic system: rated electrical output (min.) 2 peak kW			
Installed at >10° to ≤25° pitch, north orientation			
Lot number Upgrades required			
2101			
R2.7 insulation to external walls and internal walls between garage, bathroom and laundry			
(naturally ventilated only)			
R6.0 insulation to ceiling where roof above			
R6.0 insulation to suspended open floor			
Glazing option 3			
1x 1300mm ceiling fans to family, multi-purpose, sitting and bedrooms			
2102			
R2.7 insulation to external walls and internal walls between garage, bathroom and laundry			
(naturally ventilated only)			
R6.0 insulation to ceiling where roof above			
R6.0 insulation to suspended open floor			
Glazing option 3			
2103			
R2.7 insulation to external walls and internal walls between garage, bathroom and laundry			
(naturally ventilated only)			
R6.0 insulation to ceiling where roof above			
R6.0 insulation to suspended open floor			
Glazing option 3			
1x 1300mm ceiling fans to Living, family and bedrooms			
2104			
R2.7 insulation to external walls and internal walls between garage, bathroom and laundry			
(naturally ventilated only)			
R6.0 insulation to ceiling where roof above			
R6.0 insulation to suspended open floor			
Glazing option 3			
1x 1300mm ceiling fans to Living, family and bedrooms			
2105			
R2.7 insulation to external walls and internal walls between garage, bathroom and laundry			
(naturally ventilated only)			
R6.0 insulation to ceiling where roof above			
R6.0 insulation to suspended open floor			
Glazing option 3			
1x 1300mm ceiling fans to Living, family and bedrooms			
2106			
R2.7 insulation to external walls and internal walls between garage, bathroom and laundry			
(naturally ventilated only)			
Glazing option 2			
2107			
R2.7 insulation to external walls and internal walls between garage, bathroom and laundry			
(naturally ventilated only)			
R6.0 insulation to ceiling where roof above			
Glazing option 3			
1x 1300mm ceiling fans to bedrooms			
2108			
R2.7 insulation to external walls and internal walls between garage, bathroom and laundry			
(naturally ventilated only)			
R6.0 insulation to ceiling where roof above			
Glazing option 2			
2109			
Glazing option 2			
1x 1300mm ceiling fan to living and family room			
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Autodesk Docs\Milperra WSU\WSU-AR-S2-Site 2.1-R24.rvt			
31.10.25 08.08.25 date			
B A rev			
ISSUE TO SSDA FOR APPROVAL PRELIMINARY ISSUE FOR CONSULTANT amendment			
MIRVAC DESIGN architects interior design landscape design project management MIRVAC Design Pty Ltd ABN 70 007 959 531			
Level 20 200 George St Sydney NSW 2000 Tel: 02 9550 4000			
MIRVAC architects interior design landscape design project management			
MIRVAC Design Nominees / Responsible Architects: Anda Verma, Andrew La, David Hest, Michael Weiner https://www.mirvacdesign.com/contact-us/about-us/			
client			
project:			
KINLEA - MILPERRA (WSU)			
2 Bullecourt Avenue, Milperra NSW 2214			
Stage: 2 Site: 2.1 Lot: 2101-2109			
title:			
THERMAL PERFORMANCE & SUSTAINABILITY SPECIFICATIONS - LOTS 2101-2109			
job no:			
MB-10418			
drawing no:			
S2-2.1-DA001			
scale @ A1 :			
date:			
31.10.25			
rev:			
B			
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1 LOCATION PLAN
1 : 2000

DISTANCES TO NEARBY LANDMARKS

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



2 SITE ANALYSIS
1 : 500

0mm

100mm

200mm

300mm

100mm

200mm

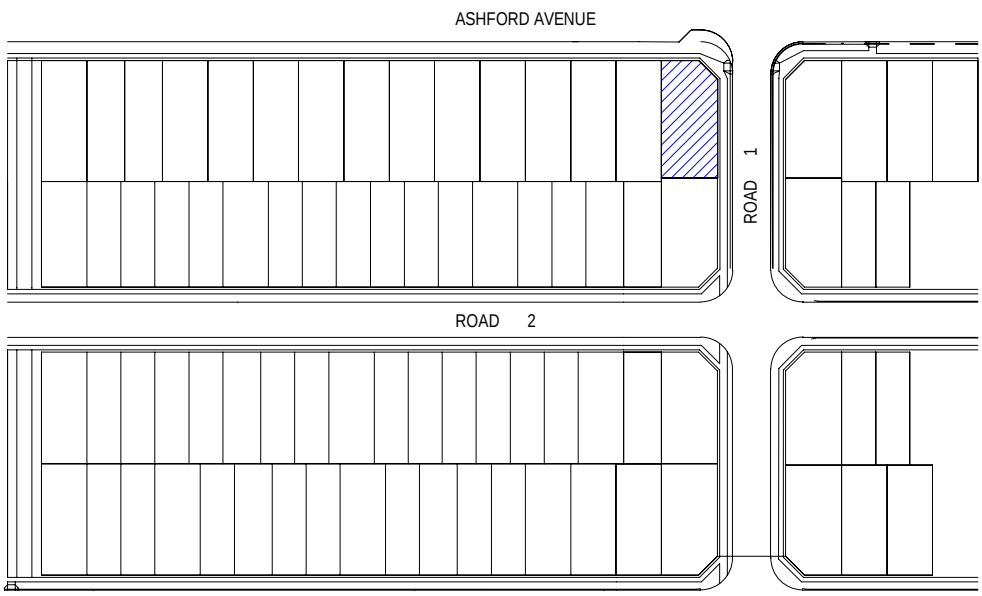
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ASHFORD AVENUE

ROAD 1

1 EROSION/SEDIMENT CONTROL & BENCHING PLAN - LOT2101

SITework	
A/C	AIR CONDITIONER CONDENSER
BOW	BOTTOM OF WALL LEVEL
EG	EXISTING GROUND LEVEL
FSL	FINISHED SURFACE LEVEL
GM	GAS METER
HC	HOSE COCK
HCR	HOSE COCK RECYCLE
HMU	HOT WATER UNIT
KO	KERB OUTLET
LB	LETTER BOX
MB	ELECTRICAL METERBOX
NBN	NATIONAL BROADBAND NETWORK
PCD	PREMISES CONNECTION DEVICE
PWM	NON POTABLE RECYCLED WATER METER
RL	REDAUCED LEVEL
RWT	RAINWATER TANK
SRL	STRUCTURAL RELATIVE LEVEL
TOW	TOP OF WALL LEVEL
WCL	WALL MOUNTED CLOTHES LINE
WM	WATER METER
NATURE STRIP CONCEPT DIAGRAM	
RETAINING WALLS	
BLOCK WORK RETAINING WALL	
BLOCK WORK FEATURE RETAINING WALL	
CROP EDGE BEAM	
SEAM CONCRETE SLEEPER WALL	
LOG SLEEPER RETAINING WALL	
WET WALL	

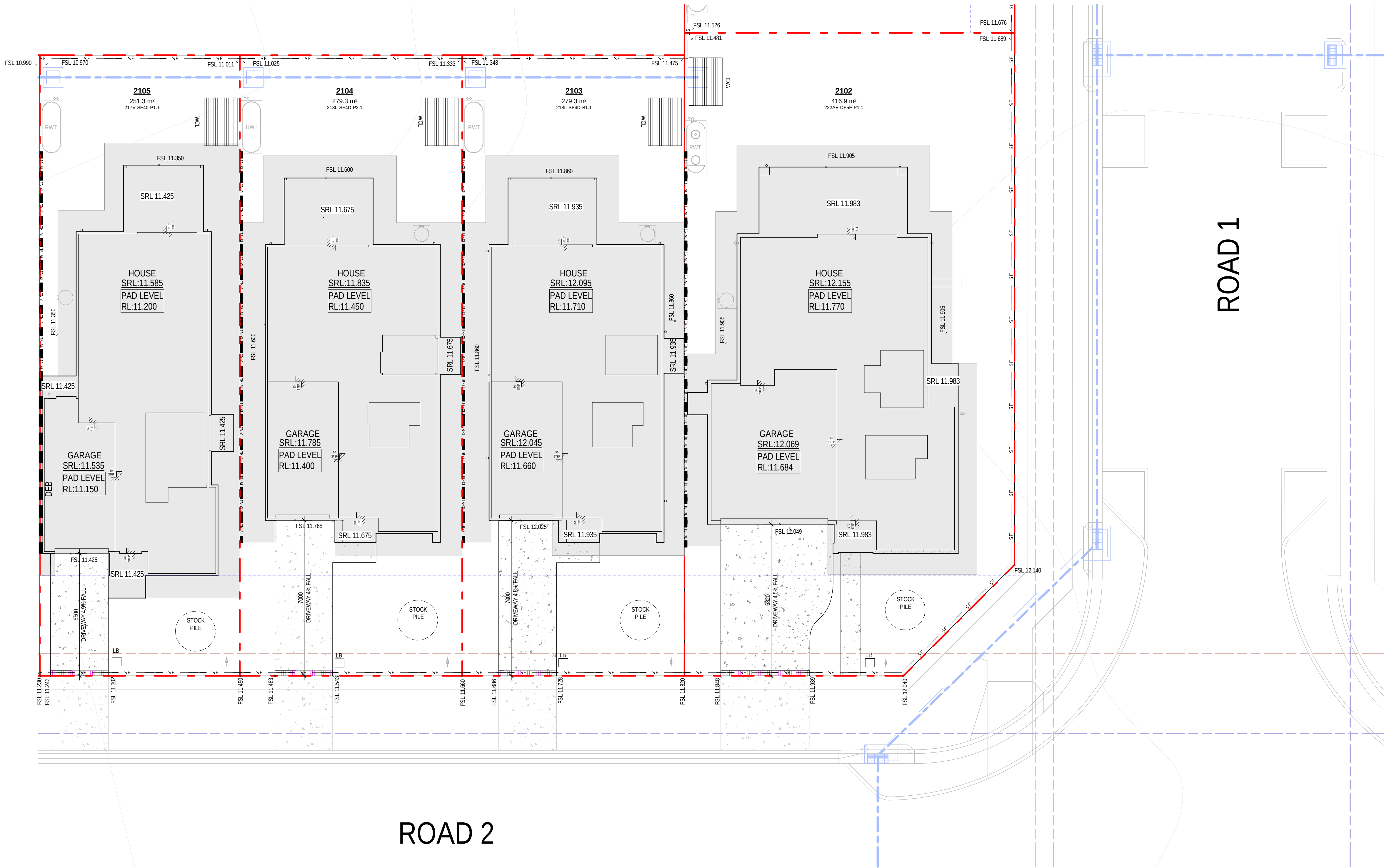


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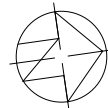
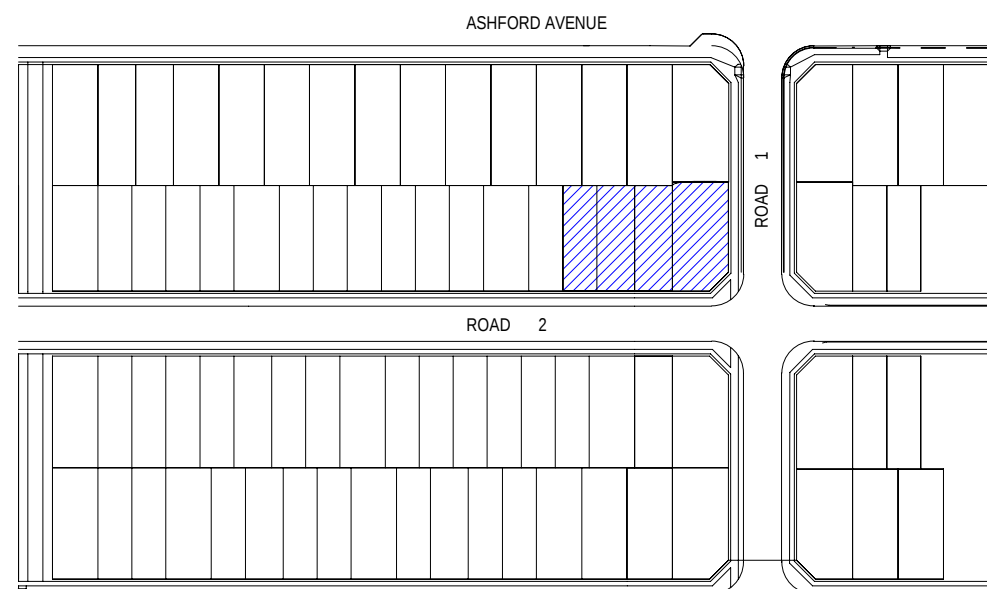
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1 EROSION/SEDIMENT CONTROL & BENCHING PLAN - LOT 2102-2105

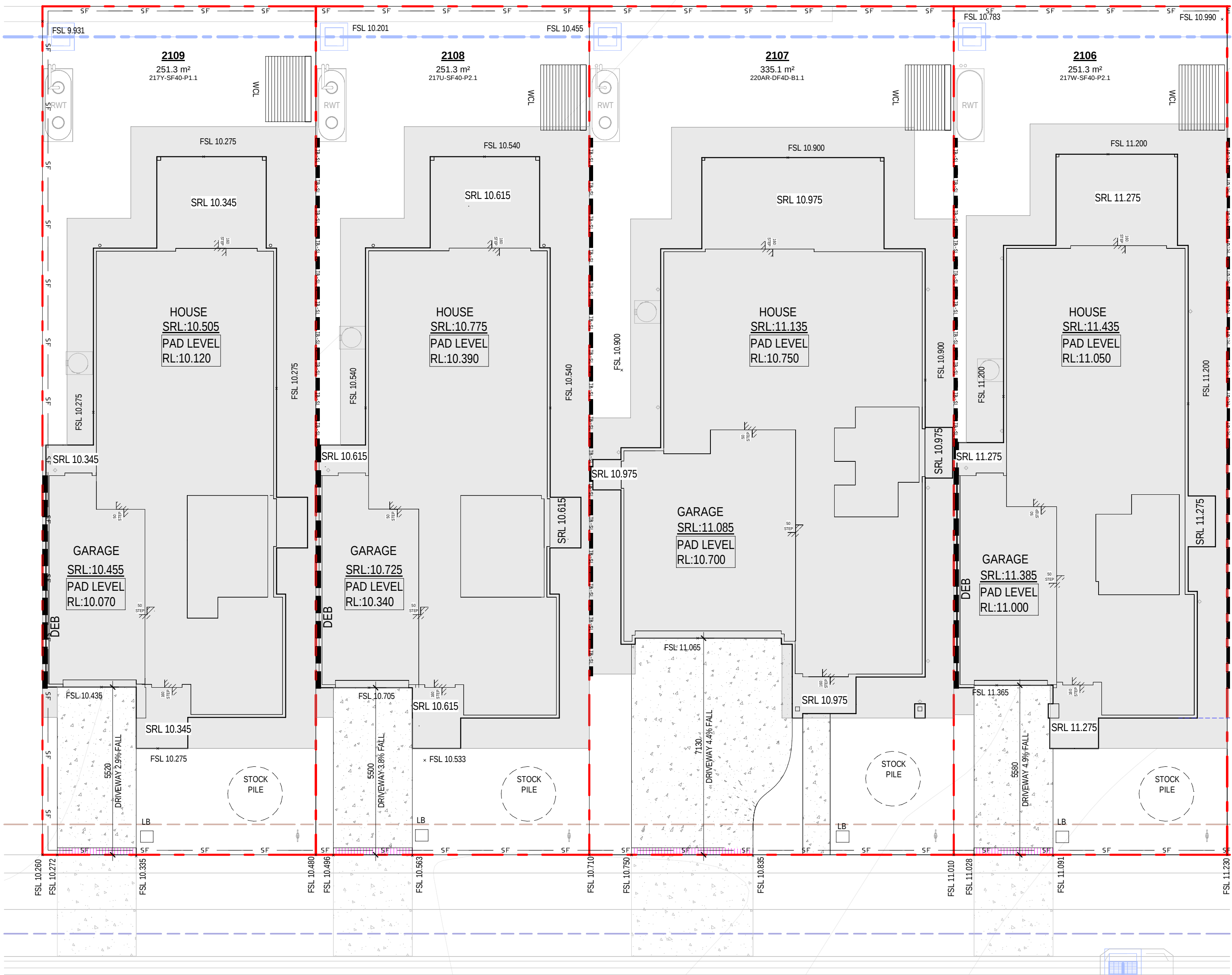


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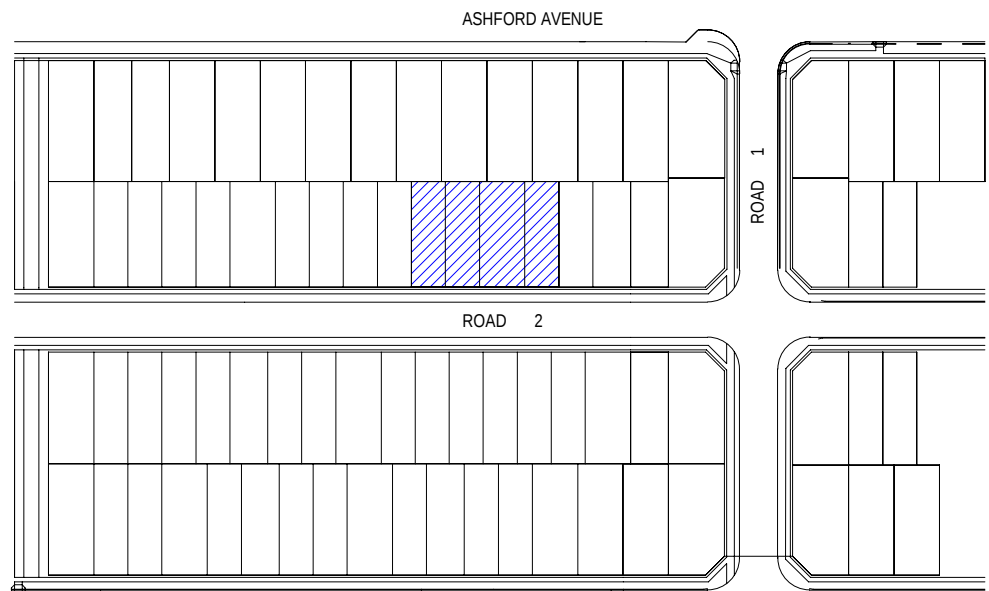
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ROAD 2

1 EROSION/SEDIMENT CONTROL & BENCHING PLAN - LOT 2106-2109



SITework	
A/C	AIR CONDITIONER CONDENSER
BOW	BOTTOM OF WALL LEVEL
EG	EXISTING GROUND LEVEL
FSL	FINISHED SURFACE LEVEL
GM	GAS METER
HC	HOSE COCK
HCR	HOSE COCK RECYCLE
HMU	HOT WATER UNIT
KO	KERB OUTLET
LB	LETTER BOX
MB	ELECTRICAL METERBOX
NBN	NATIONAL BROADBAND NETWORK
PDD	PREMISES CONNECTION DEVICE
PWM	NON POTABLE RECYCLED WATER METER
RL	REDAUCED LEVEL
RWT	RAINWATER TANK
SRL	STRUCTURAL RELATIVE LEVEL
TOW	TOP OF WALL LEVEL
WCL	WALL MOUNTED CLOTHES LINE
WM	WATER METER
DIRECTION OF FLOW	
PIPELINE CONNECTION TO RWT	
PIPELINE STORMWATER OVERFLOW	
POTABLE WATER	
STORMWATER DRAINAGE PIT	
GRATED DRAIN	
NATURE STRIP CONCEPT DIAGRAM	
ROAD	
VARIES	
WALL MOUNTED CLOTHES LINE	
RETAINING WALLS	
BLOCK WORK RETAINING WALL	
BLOCK WORK FEATURE RETAINING WALL	
CROP EDGE BEAM	
SEAM CONCRETE SLEEPER WALL	
LOG SLEEPER RETAINING WALL	
WET WALL	

0mm

100mm

200mm

300mm

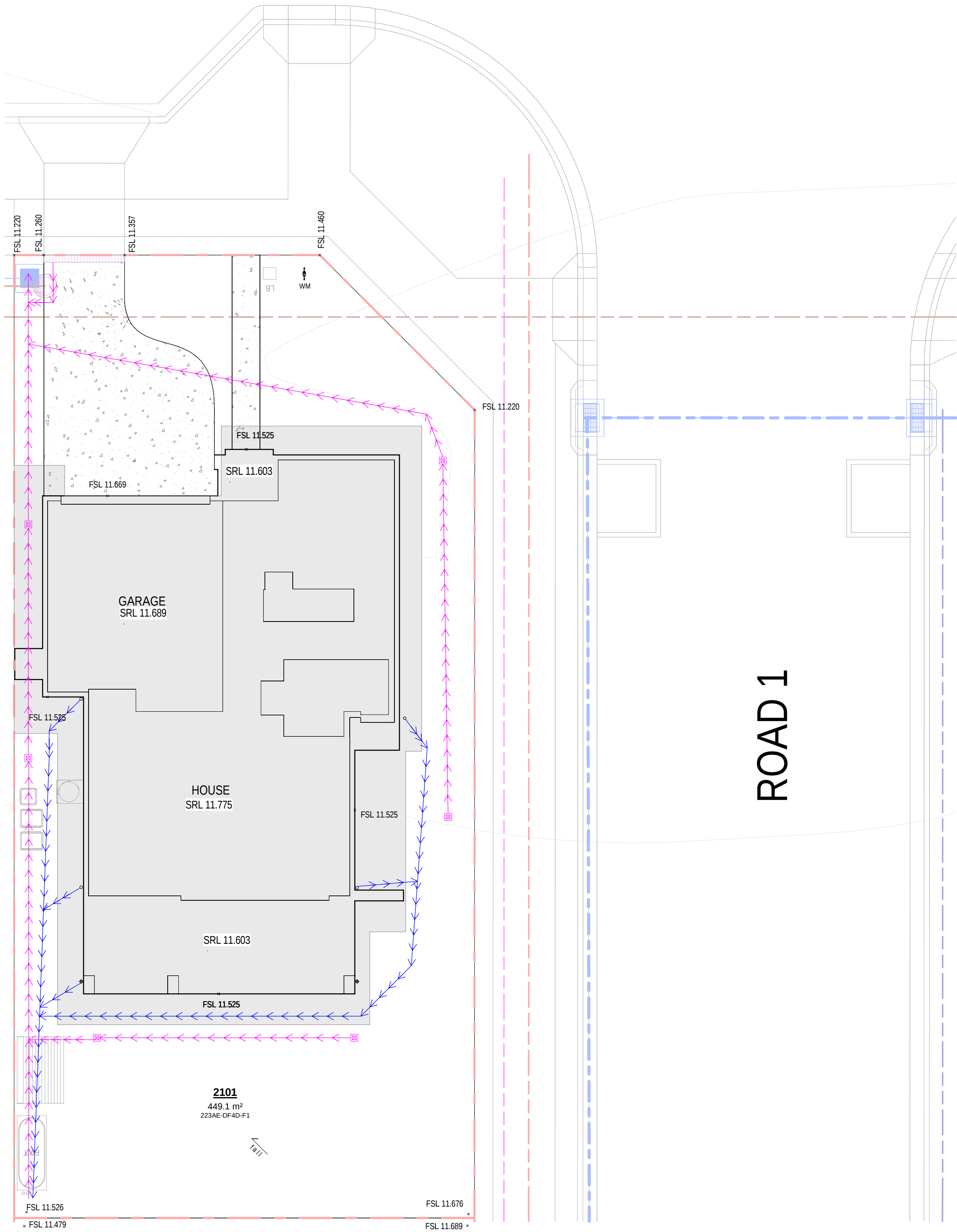
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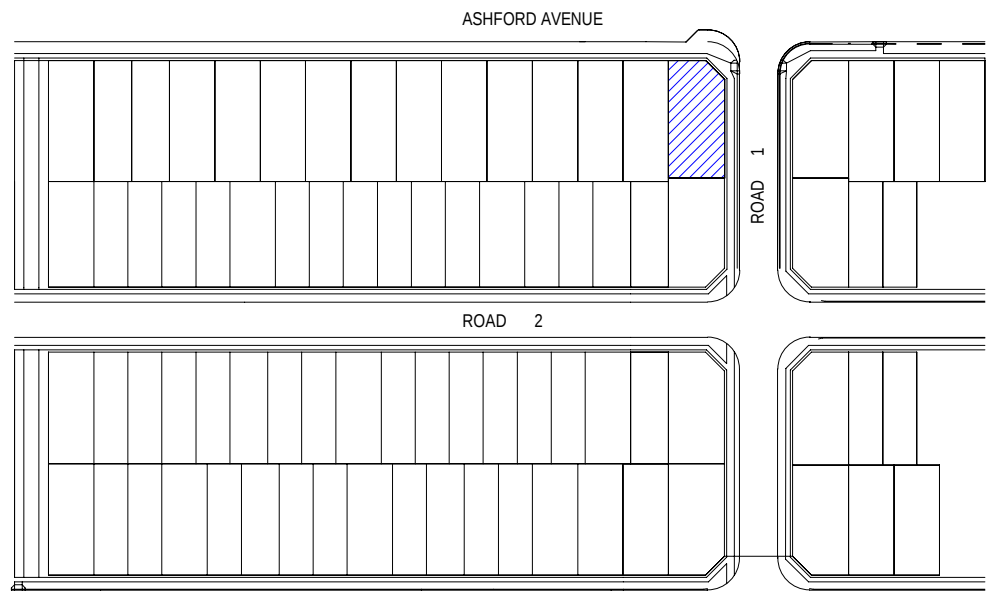
ASHFORD AVENUE

ROAD 1



1 HYDRAULIC CONCEPT PLAN - LOT2101

SITework	
BOW	BOTTOM OF WALL LEVEL
CL	CLOTHES LINE
EGL	EXISTING GROUND LEVEL
FSL	FINISHED SURFACE LEVEL
GM	GAS METER
HC	HOSE COCK
HCR	HOSE COCK RECYCLE
HMU	HOT WATER UNIT
HMU	INSTANTANEOUS HOT WATER UNIT
KO	KERB 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	RAINFALL 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.	



31.10.25	B	ISSUE TO SSDA FOR APPROVAL
08.08.25	A	PRELIMINARY ISSUE FOR CONSULTANT
08	REV	amendment

MIRVAC DESIGN
Level 28 209 George St
Sydney NSW 2000
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Mirvac Design Pty Ltd
ABN 70 003 959 931
Mirvac Design Nominees / Responsible Architects
Anita Verma, Andrew La, David Hest, Michael Wilson
http://www.mirvacdesign.com/mirvacdesign/



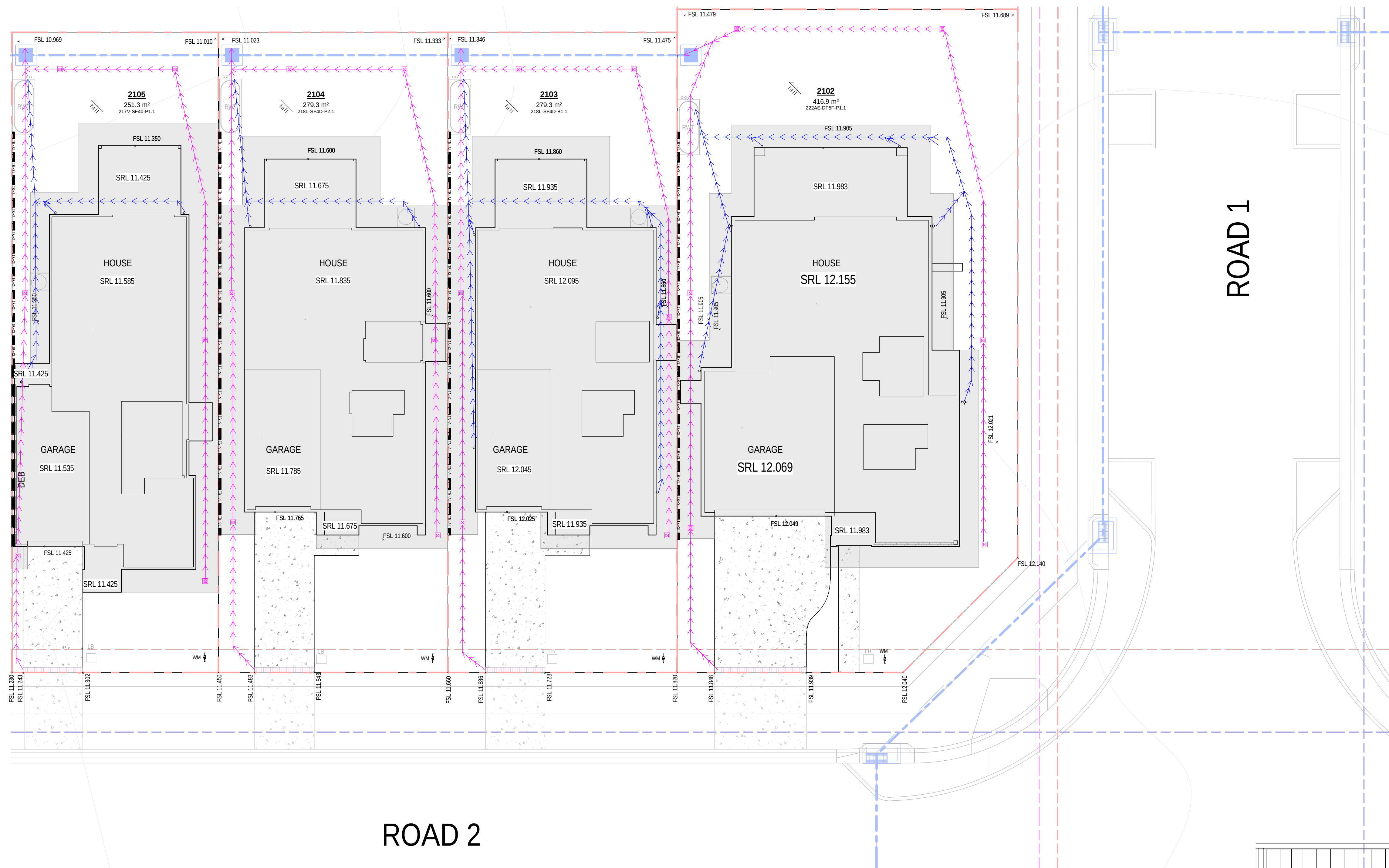
project:
KINLEA - MILPERRA (WSU)
2 Bullecourt Avenue, Milperra NSW 2214
Stage: 2 Site: 2.1 Lot: 2101-2109

title:
HYDRAULIC CONCEPT PLAN - LOT2101

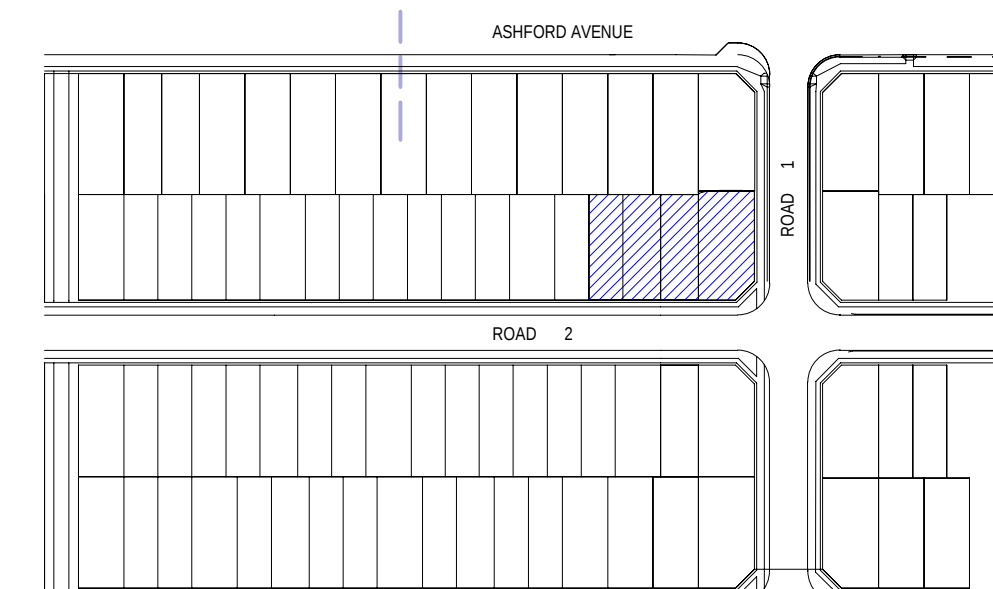
job no: MB-10418
drawing no: S2-2.1-DA140
scale @ A1 : 1 : 100
date: 31.10.25 rev: B



	STEWORK
B/CW	BOTTOM OF WALL LEVEL
CL	CLOTHES LINE
EGL	EXISTING GROUND LEVEL
FSL	FINISHED SURFACE LEVEL
GM	GAS METER
HC	HOLE COCK
KC	KICK COCK RECYCLE HOT WATER UNIT
H/WU	HOT WATER UNIT
BWU	BATHROOM HOT WATER UNIT
KQ	KITCHEN SINK OUTLET
LQ	LETTER BOX
MB	ELECTRICAL METRIXBOX
NBN	NATIONAL BROADBAND NETWORK
P	PUMP
PWM	NOT POTABLE RECYCLED WATER CISTER
RL	REDUCED LEVEL
PAT	POTABLE WATER TANK
SRL	STRUCTURAL RELATIVE LEVEL
TOW	TOP OF WALL LEVEL
WM	WATER MAIN
	DIRECTION OF FALL → → → PIPELINE CONNECTION TO TWT PIPELINE STORMOVER FLOWPOT POTABLE WATER STORMWATER DRAINAGE PIT GRADED DRAIN
	RETAINING WALLS
■ ■ ■ ■ ■	BLOCK WORK RETAINING WALL
■ ■ ■ ■ ■	BLOCK WORK FEATURE RETAINING WALL
■ ■ ■ ■ ■	DROP EDGE BEAM
■ ■ ■ ■ ■	IN-PLACE CONCRETE SLEEPER WALL
■ ■ ■ ■ ■	PRECAST CONCRETE SLEEPER WALL
■ ■ ■ ■ ■	WET WALL
	HYDRAULIC NOTE
NOTE:	THIS DRAWING IS A SCHEMATIC DIAGRAM USING MIRAC (MINIMUM REQUIRED AREA CALCULATOR) AS A GUIDE ONLY FOR PLANNING ON SITE TO INDICATE LOCATION OF LINES AND PITS AND NOT TO BE USED FOR DESIGN OR TO BE USED TO INDICATE PIPE SIZE, FIT AND CONNECTIONS AND LOCATIONS. THIS DRAWING IS NOT TO INDICATE ANY PIPE OR FIT SIZES. ANY FURTHER INFORMATION RELATING TO SIZES AND EQUIPMENT COMPONENTS SHOULD BE CONFIRMED WITH SUPPLIER OR SUITABLY QUALIFIED HYDRAULIC ENGINEER.



1 HYDRAULIC CONCEPT PLAN - LOT2102-2105



0mm 100mm 200mm 300mm

100mm

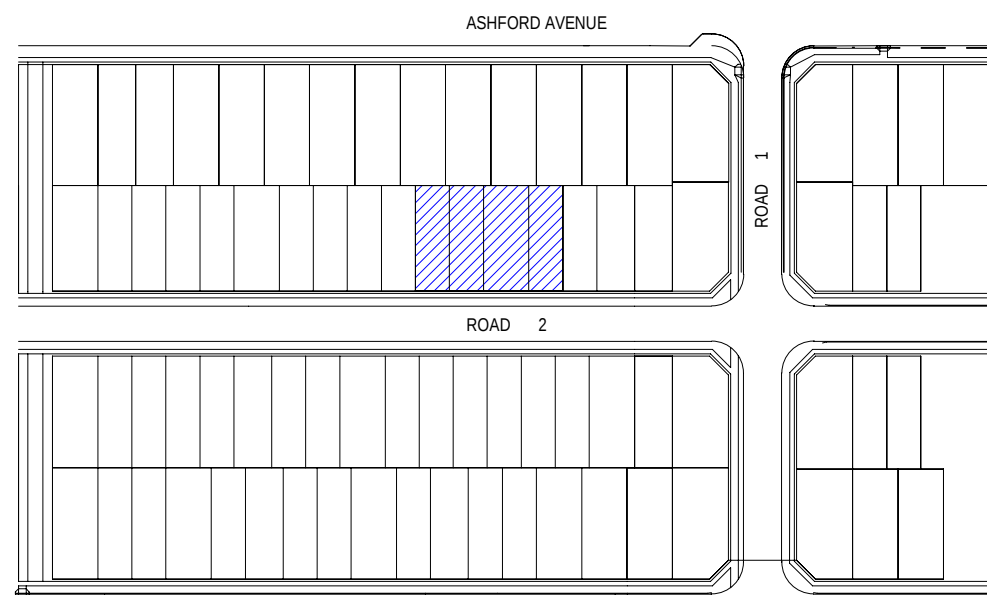
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1 HYDRAULIC CONCEPT PLAN - LOT2106-2109

ROAD 2



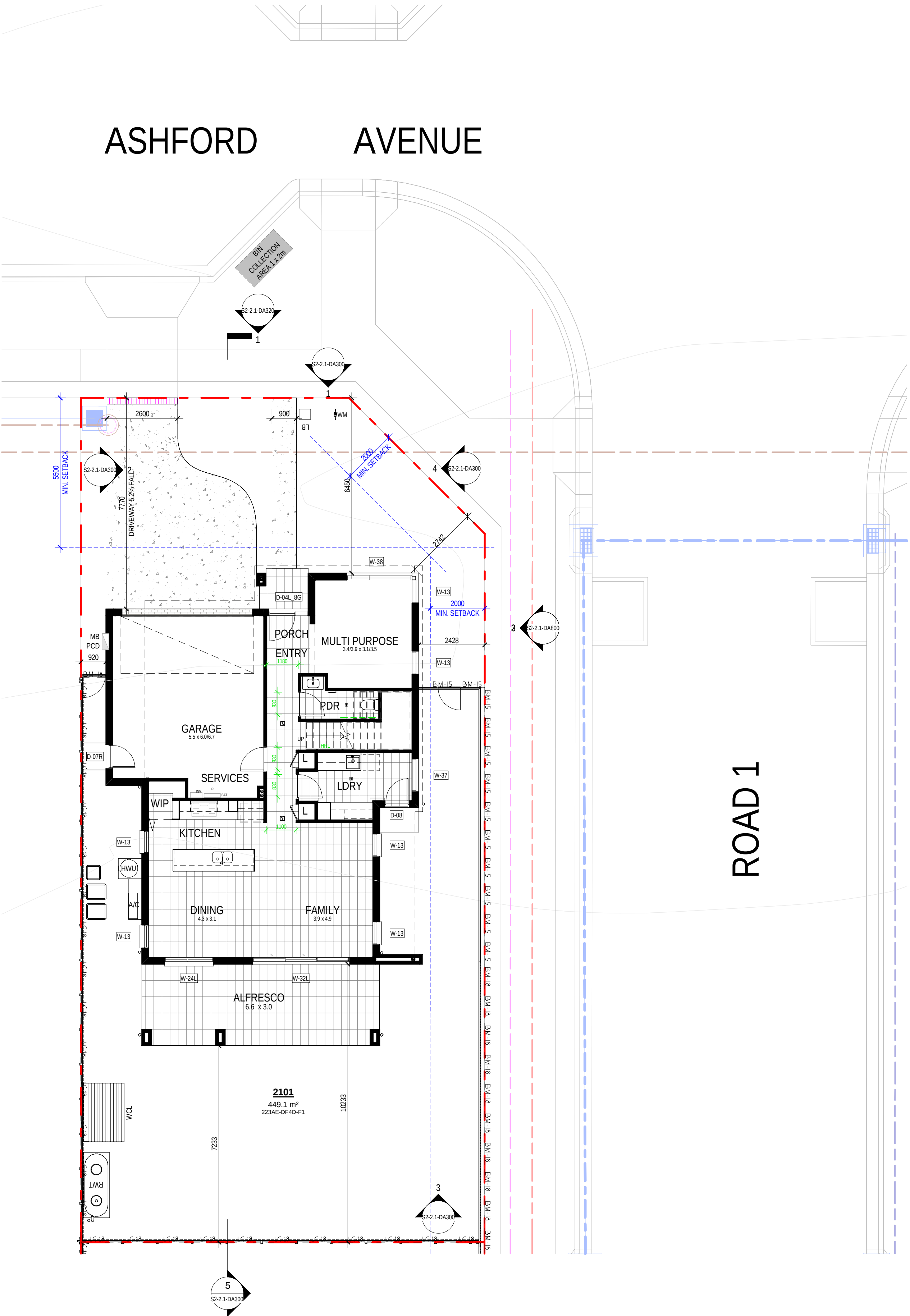
SITework	
BWL	BOTTOM OF WALL LEVEL
CL	CLOTHES LINE
EGL	EXISTING GROUND LEVEL
FSL	FINISHED SURFACE LEVEL
GM	GAS METER
HC	HOSE COCK
HCR	HOSE COCK RECYCLE
HMU	HOT WATER UNIT
HMU	INSTANTANEOUS HOT WATER UNIT
KO	KERB OUTLET
LB	LETTER BOX
MB	ELECTRICAL METERBOX
NBN	NATIONAL BROADBAND NETWORK
PCD	PREMISES CONNECTION 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 MRVAC 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.	



0mm 100mm 200mm 300mm

WINDOW SCHEDULE 2101				
Window No.	Type	Width	Height	Count
W-03	SA1007	730	1030	1
W-03_OBS	SA1007_OBS	730	1030	1
W-05	SA1307	730	1370	2
W-07	SA1807T	730	1800	1
W-12	SA1308	850	1370	2
W-13	SA2008T	850	2035	6
W-24L	SA2021ST_L	1810	2035	1
	SPECIAL		2035H x 1810W SA2008T WITHIN	
W-29	SA1326 SPECIAL	2650	1370	1
			1370H x 2650W SA1307 WITHIN	
W-31	SF1308	850	1370	1
W-32L	SS202436_L	3580	2400	1
W-37	SA0612	1210	650	1
W-38	SA2024T_R	2410	2035	1
	SPECIAL		2035H x 2410W SA2008T WITHIN	
W-39	SA1324_R	2410	1370	1
	SPECIAL		1370H x 2410W SA1308 WITHIN	
W-40	SWD2119_R	1810	2100	2
W-42_OBS	SA1014_R_OBS	1450	1030	1
W-43	SA1322_L	2170	1370	1

DOOR SCHEDULE 2101				
Door No.	Height	Leaf Width	O/A Frame Width	
D-07R	2100	820	900	
D-04L_8G	2400	920	1450	
D-08	2400	820	900	



1 GROUND FLOOR PLAN - LOT 2101

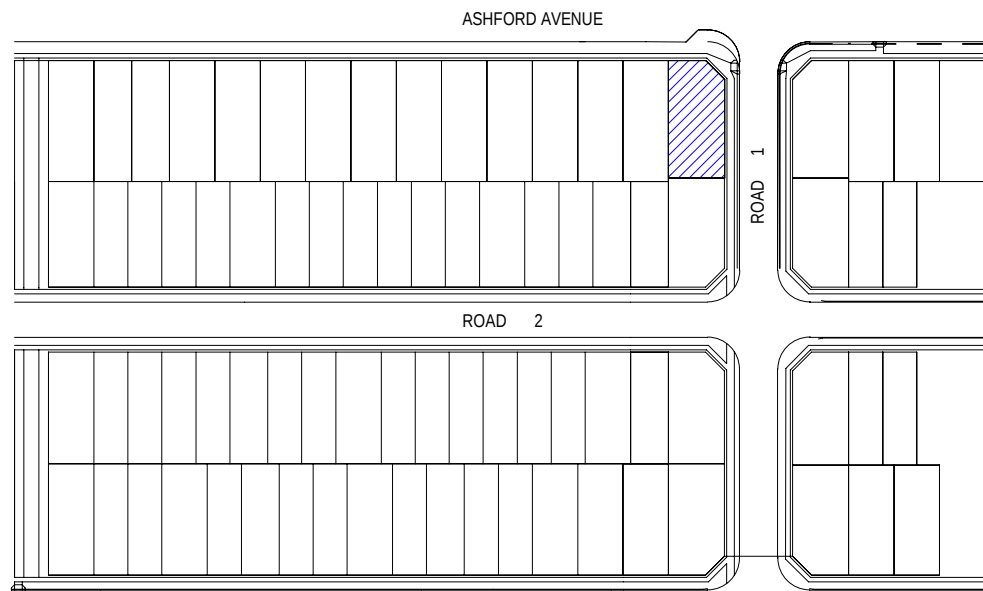
FLOOR PLAN	
720	DOOR LEAF SIZE - AS SHOWN @ 2340mm HIGH UNO
720L	DOOR LEAF SIZE - DOOR WITH LIFT OFF HINGES
AC	AIRCON CONDENSER
ACD	AIRCON DUCT
ACE	AIRCON EVAPORATOR
APG	ALUMINUM PERGOLA TO DETAIL
BAL	BALUSTRADE
BAT	BATTERY STORAGE UNIT
BH	BULKHEAD OVER
BO	STRUCTURAL BEAM OVER TO ENGINEER'S DETAIL
BOW	BOTTOM OF WALL LEVEL
BW	STRUCTURAL BEAM IN WALL OVER
C	CUPBOARD
CSD	CAVITY SLIDER DOOR
CT	COOKTOP
D	DOOR
DP	DOWNPIPE
DPS	DOWNPIPE & SPREADER
DS	DRYER SPACE
DW	DISHWASHER SPACE
EOL	EXISTING GROUND LEVEL
EDME	EXHAUST TO DANCES OR SOFFIT
EXHR	EXHAUST TO ROOF
EXHW	EXHAUST TO WALL
F	REFRIGERATOR SPACE
FRL	FINISHED RELATIVE LEVEL
FSC	FREE STANDING COOKER
FW	FLOOR WASTE
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
HSL	HANDRAIL - 1000mm HIGH MIN.
HWU	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	MAHLED ACCESS PANEL
MR	METAL ROOF - PITCH AS NOTED
MW	MICROWAVE SPACE
NBN	NATIONAL BROADBAND NETWORK
NCOP	NON COMBUSTIBLE DOWNPIPE (NSW ONLY)
OPW	OVERFLOW FLOOR WASTE
P	PANTRY
PCD	PREMISES CONNECTION DEVICE
PWM	NON POTABLE RECYCLED WATER METER
RH	RANGEHOOD
RL	RENDERED LEVEL
RWH	RAINWATER HEAD
PWT	RAINWATER TANK
S	STORAGE
SD	STEPODOWN
SA	SHAKE ALARM
SCR	SCREEN
SK	SINK
SL	SKYLIGHT OVER
SN	SHOWER NOSE
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 OVEN
VJ	VERTICAL JOINT
W	WINDOW
WCL	WALL MOUNTED CLOTHES LINE
WIP	WALK-IN PANTRY
WMS	WASHING MACHINE SPACE
WM	WATER METER
WO	WALL OVEN
WTC	RAINWATER TANK CONTROL
XOX	ENGAGED PERS. SPACINGS VARIES CENTRES TO END'S DESIGN

LIABLE HOUSING
THESE DESIGNS MEET COUNCIL'S CONTROLS AS OUTLINES IN SECTION 11.1 LIABLE HOUSING OF THE RESIDENTIAL ACCOMMODATION TOP 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

OBSCURE WINDOWS
W-XX_OBS WINDOWS TAGGED WITH SUFTY_OBS INDICATES OBSCURE GLAZING



0mm 100mm 200mm 300mm

WINDOW SCHEDULE 2106					
Window No.	Type	Width	Height	Description	Count
W-01	SA1305 SPECIAL	500	1370		1
W-02_OBS	SA1006 OBS	610	1030	OBSCUR	2
W-04	SA1207	730	1200		1
W-08	SA2007T	730	2035		3
W-10_OBS	SA1208 OBS	850	1200	OBSCUR	1
W-12	SA1308	850	1370		1
W-17	SA1606	1570	600		1
W-19L	SKD2116_L	1570	2100		1
W-21L	SA1218_L	1810	1200		3
W-22R	SA1318_R	1810	1370		1
W-24R	SA2018T_R SPECIAL	1810	2035	2035H x 1810W SA2008T WITHIN	1
W-36	SSD2432_R	3160	2400		1

DOOR SCHEDULE 2106			
Door No.	Height	Leaf Width	O/A Frame Width
D-07R	2100	820	900
D-04_6G	2400	920	1000

WINDOW SCHEDULE 2107					
Window No.	Type	Width	Height	Description	Count
W-03_OBS	SA1007 OBS	730	1030	OBSCUR	1
W-04	SA1207	730	1200		1
W-05	SA1307	730	1370		1
W-08	SA2007T	730	2035		5
W-11	SF1208	850	1200		1
W-15_OBS	SA1010 OBS	970	1030	OBSCUR	1
W-18	SA2010T_R SPECIAL	1570	2035	2035H x 1570W SA2007T WITHIN	1
W-19R	SKD2116_R	1570	2100		1
W-21L	SA1218_L	1810	1200		2
W-21R	SA1218_R	1810	1200		1
W-23	SA2018T_L	1810	2035		1
W-27L	SKD2122_L	2170	2100		1
W-29	SA1326 SPECIAL	2650	1370	1370H x 2650W SA1307 WITHIN	1
W-32L	SSD2436_L	3580	2400		1

DOOR SCHEDULE 2107			
Door No.	Height	Leaf Width	O/A Frame Width
D-07L	2100	820	900
D-03R_6G	2400	920	1500

WINDOW SCHEDULE 2108					
Window No.	Type	Width	Height	Description	Count
W-01	SA1305 SPECIAL	500	1370		1
W-02_OBS	SA1006 OBS	610	1030	OBSCUR	2
W-04	SA1207	730	1200		1
W-08	SA2007T	730	2035		5
W-10_OBS	SA1208 OBS	850	1200	OBSCUR	1
W-12	SA1308	850	1370		1
W-19L	SKD2116_L	1570	2100		1
W-21L	SA1218_L	1810	1200		3
W-24L	SA2018T_L SPECIAL	1810	2035	2025H x 1810W SA2008T WITHIN	1
W-30	SSD2426_R	2685	2400		1
W-33	SA1317_R SPECIAL	1700	1370		1

DOOR SCHEDULE 2108			
Door No.	Height	Leaf Width	O/A Frame Width
D-07R	2100	820	900
D-04_6G	2400	920	1000

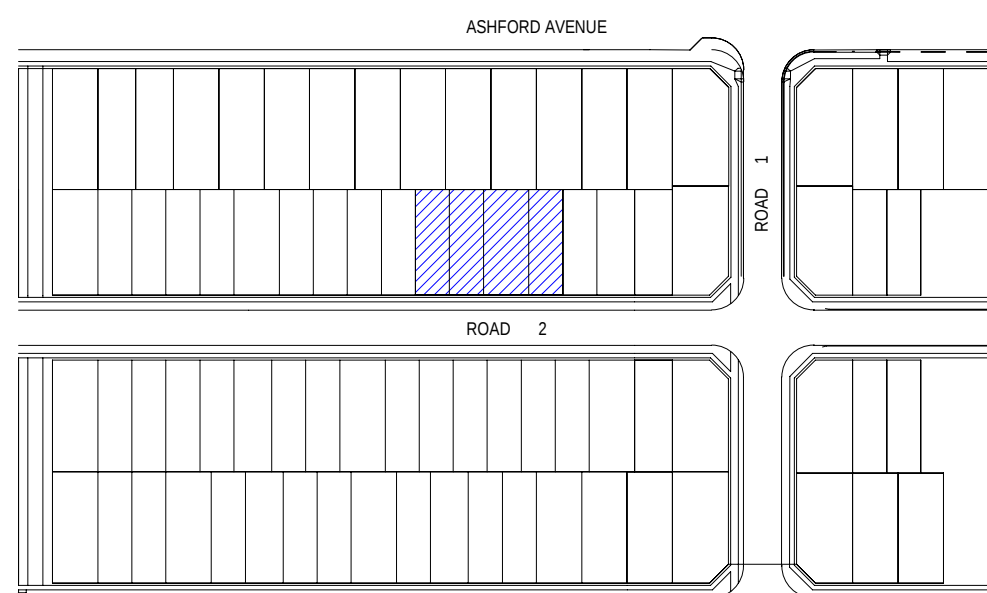
WINDOW SCHEDULE 2109					
Window No.	Type	Width	Height	Description	Count
W-01	SA1305 SPECIAL	500	1370		1
W-02_OBS	SA1006 OBS	610	1030	OBSCUR	2
W-04	SA1207	730	1200		1
W-05	SA1307	730	1370		1
W-08	SA2007T	730	2035		3
W-10_OBS	SA1208 OBS	850	1200	OBSCUR	1
W-17	SA1606	1570	600		1
W-19L	SKD2116_L	1570	2100		1
W-21L	SA1218_L	1810	1200		3
W-24R	SA2018T_R SPECIAL	1810	2035	2025H x 1810W SA2008T WITHIN	1
W-26	SA1320_L SPECIAL	2080	1370	1370H x 2080W SA1308 WITHIN	1
W-36	SSD2432_R	3160	2400		1

DOOR SCHEDULE 2109			
Door No.	Height	Leaf Width	O/A Frame Width
D-07R	2100	820	900
D-05_6G	2400	920	1000



1 GROUND FLOOR PLAN - LOT 2106-2109

ROAD 2



0mm

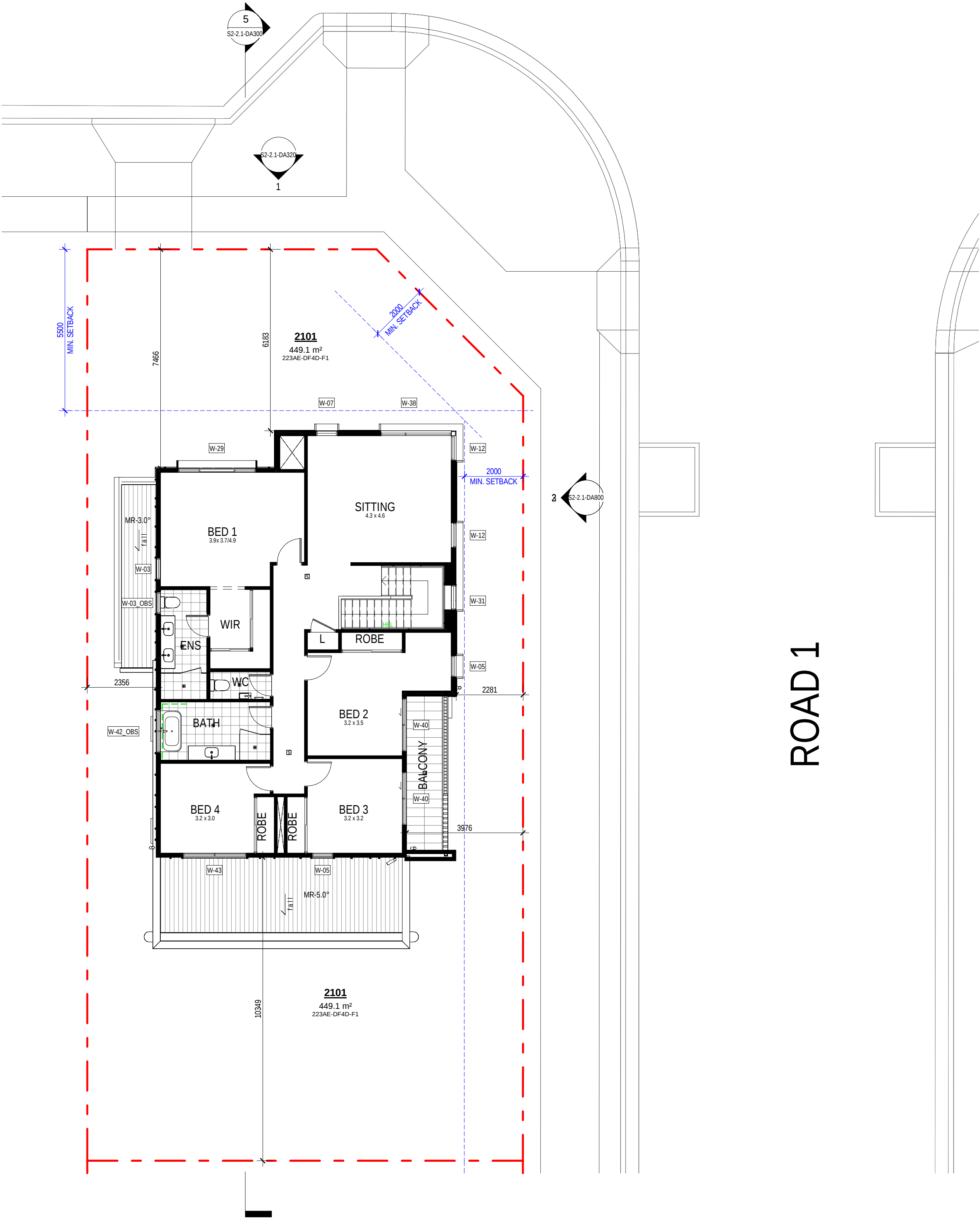
100mm

200mm

300mm

WINDOW SCHEDULE 2101					
Window No.	Type	Width	Height	Description	Count
W-03	SA1007	730	1030		1
W-03_OBS	SA1007_OBS	730	1030	OBSCURER	1
W-05	SA1307	730	1370		2
W-07	SA1307T	730	1800		1
W-12	SA1308	850	1370		2
W-13	SA2008T	850	2035		6
W-24L	SA2018T_L SPECIAL	1810	2035	2035H x 1810W SA2008T WITHIN	1
W-29	SA1326 SPECIAL	2650	1370	1370H x 2650W SA1307 WITHIN	1
W-31	SF1308	850	1370		1
W-32L	SSD2436_L	3580	2400		1
W-37	SA0612	1210	600		1
W-38	SA2024T_R SPECIAL	2410	2035	2035H x 2410W SA2008T WITHIN	1
W-39	SA1324_R SPECIAL	2410	1370	1370H x 2410W SA1308 WITHIN	1
W-40	SXD2118_R	1810	2100		2
W-42_OBS	SA1014_R_OBS	1450	1030	OBSCURER	1
W-43	SA1322_L	2170	1370		1

DOOR SCHEDULE 2101			
Door No.	Height	Leaf Width	O/A Frame Width
D-07R	2100	820	900
D-04L_8G	2400	920	1450
D-08	2400	820	900



1 FIRST FLOOR PLAN - LOT 2101

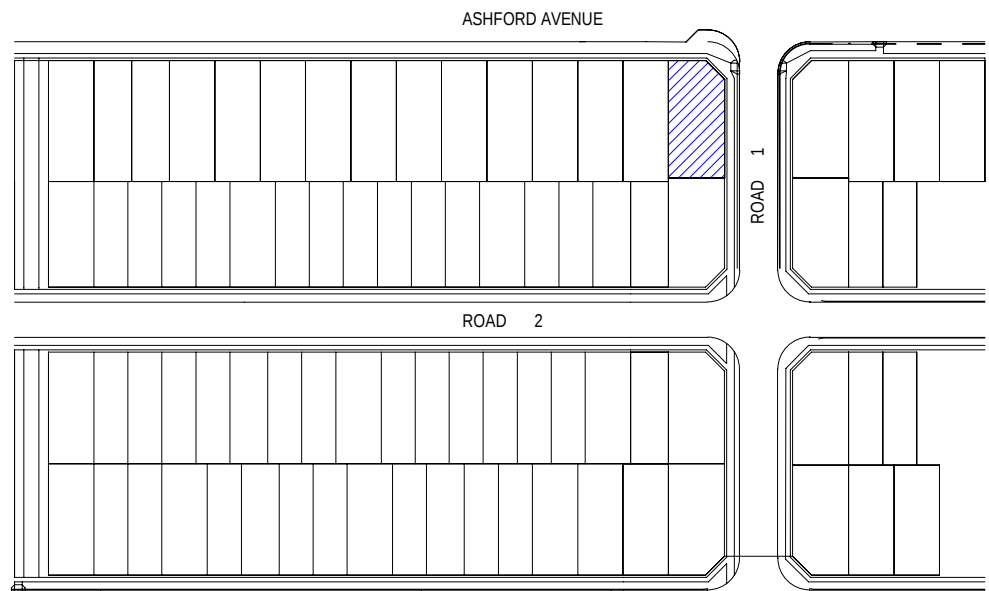
FLOOR PLAN	
720	DOOR LEAF SIZE - AS SHOWN @ 2340mm HIGH UNO
720L	DOOR LEAF SIZE - DOOR WITH LIFT OFF HINGES
AC	AIRCON CONDENSER
ACD	AIRCON DUCT
ACE	AIRCON EVAPORATOR
APG	ALUMINUM PERGOLA TO DETAIL
BAL	BALUSTRADE
BAT	BATTERY STORAGE UNIT
BH	BULKHEAD OVER
BO	STRUCTURAL BEAM OVER TO ENGINEER'S DETAIL
BOW	BOTTOM OF WALL LEVEL
BS	STRUCTURAL BEAM IN WALL OVER
C	CUPBOARD
CSD	CAVITY SLIDER DOOR
CT	COOKTOP
D	DOOR
DP	DOWNSPIPE
DPS	DOWNSPIPE & SPREADER
DS	DRYER SPACE
DW	DISHWASHER SPACE
EOL	EXISTING GROUND LEVEL
EDME	EXHAUST TO RAISES OR SOFFIT
EXHR	EXHAUST TO ROOF
EXHW	EXHAUST TO WALL
F	REFRIGERATOR SPACE
FRL	FINISHED RELATIVE LEVEL
FSC	FIRE STANDING COOKER
FW	FLOOR WASTE
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
INS	INSULATION
INW	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 DOWNSPIPE (NSW ONLY)
OPW	OVERFLOW FLOOR WASTE
P	PANTRY
PCD	PROMISES CONNECTION DEVICE
PWM	NON POTABLE RECYCLED WATER METER
RH	RANGEHOOD
RL	RENDERED LEVEL
RWH	RAINWATER HEAD
RWT	RAINWATER TANK
S	STORAGE
SD	STEPODOWN
SA	SMOKE ALARM
SCR	SCREEN
SK	SINK
SL	SKYLIGHT OVER
SN	SHOWER NICH
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 OVEN
VJ	VERTICAL JOINT
W	WINDOW
WCL	WALL MOUNTED CLOTHES LINE
WIP	WALK-IN PANTRY
WMS	WASHING MACHINE SPACE
WM	WATER METER
WO	WALL OVEN
WTC	RAINWATER TANK CONTROL
XXXP	ENGAGED PERS SPACINGS VARIES CENTRES TO END'S DESIGN

LIVABLE HOUSING
THESE DESIGNS MEET COUNCIL'S CONTROLS AS OUTLINES IN SECTION 11.1 LIVABLE HOUSING OF THE RESIDENTIAL ACCOMMODATION TOP 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

OBSCURER WINDOWS
W-XX_OBS WINDOWS TAGGED WITH SUFTY_OBS INDICATES OBSCURER GLAZING





WINDOW SCHEDULE 2106					
Window No.	Type	Width	Height	Description	Count
W-01	SA1205 SPECIAL	500	1370		1
W-02 OBS	SA1206 OBS	610	1030	OBSCEURE	2
W-04	SA1207	730	1200		1
	SA2007T	730	2035		08
W-10 OBS	SA1206 OBS	650	1200	OBSCEURE	1
W-12	SA1208	650	1370		1
W-18	SA1207	1570	600		1
W-19L	SX02116_L	1570	2100		1
W-21L	SA1218_L	1810	1200		3
W-22R	SA1318_R SPECIAL	1810	1370		1
W-24R	SA2008T_R SPECIAL	1810	2035	2035H x 1610W SA2008T WITHIN	1
W-36	SSD2432_R	3160	2400		

WINDOW SCHEDULE 2107					
Window No.	Type	Width	Height	Description	Count
W-03 OBS	SA1007 OBS	730	1030	OBSURCE	1
W-04	SA1207	730	1200		1
W-05	SA1307	730	1370		1
W-08	SA2007/T	730	2035		5
W-11	SF1208	850	1200		1
W-15 OBS	SA1010 OBS	970	1030	OBSURCE	1
W-18	SA2016T R SPECIAL	1570	2035	2038H X 1570W SA2027 WITHIN	1
W-19R	SXD2116 R	1570	2100		1
W-21L	SA1218 L	1810	1200		2
W-21R	SA1218 R	1810	1200		1
W-23	SA2018T L	1810	2035		1
W-27L	SXD2122 L	2170	2100		1
W-29	SA2136S SPECIAL	2650	1370	1370H X 2650W SA1207 WITHIN	1
W-32L	SSD2436 L	3580	2400		1

WINDOW SCHEDULE 2108					
Window No.	Type	Width	Height	Description	Count
W-01	SA1305 SPECIAL	500	1370		1
W-02_OBS	SA1006 OBS	610	1030	OBSCURSE	2
W-04	SA1207	730	1200		1
W-08	SA2007T	730	2035		5
W-10_OBS	SA1208 OBS	850	1200	OBSCURSE	1
W-12	SA1308	850	1370		1
W-19L	SXD2116 L	1570	2100		1
W-21L	1210	1810	1200		3
W-24L	SA2018T L SPECIAL	1810	2035	2035H x 1810W SA2008T WITHIN	1
W-30	SS20165 R SPECIAL	2685	2400		1
W-33	SA1317 R SPECIAL	1700	1370		1

WINDOW SCHEDULE 2109					
Window No.	Type	Width	Height	Description	Count
W-01	SA120S SPECIAL	500	1370		1
W-02 OBS	SA100 OBS	610	1030	OBSCURSE	2
W-04	SA1207	730	1200		1
W-05	SA1307	730	1370		1
W-08	SA200T7	730	2035		1
W-10 OBS	SA120S OBS	850	1200	OBSCURSE	1
W-17	SA100	1570	600		3
W-19L	SV02116 L	1570	2100		1
W-22L	SA1218 L	1810	1200		3
W-24R	SA2008T R SPECIAL	1810	2035	2035H x 1810W SA2008T WITHIN	1
W-26	SA1320 L SPECIAL	2080	1370	1570H x 2080W SA1320 WITHIN	1
W-36	SSD2432 R	3160	2400		1

DOOR SCHEDULE 2106			
Door No.	Height	Leaf Width	O/A Frame Width
D-07R	2100	820	900
D-04 6G	2400	920	1000

DOOR SCHEDULE 2107			
Door No.	Height	Leaf Width	O/A Frame Width
D-07L	2100	820	900
D-03R 8G	2400	920	1500

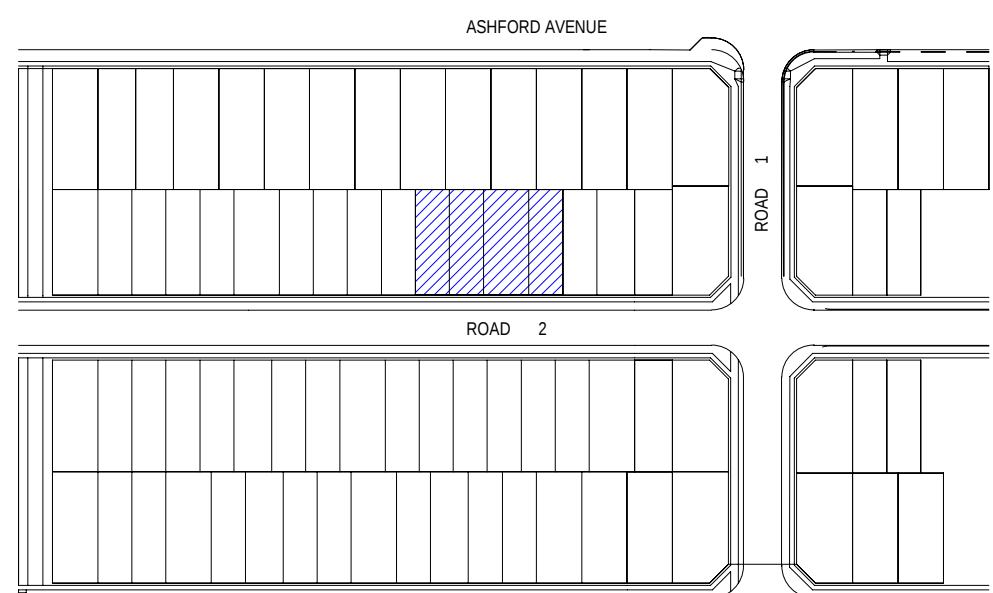
DOOR SCHEDULE 2108			
Door No.	Height	Leaf Width	O/A Frame Width
D-07R	2100	820	900
D-04 6G	2400	920	1000

DOOR SCHEDULE 2109			
Door No.	Height	Leaf Width	O/A Frame Width
D-07R	2100	820	900
D-05 8G	2400	920	1000



1 FIRST FLOOR PLAN - LOT 2106-2109

ROAD 2

[illegible]

0mm

100mm

200mm

300mm

100mm

200mm

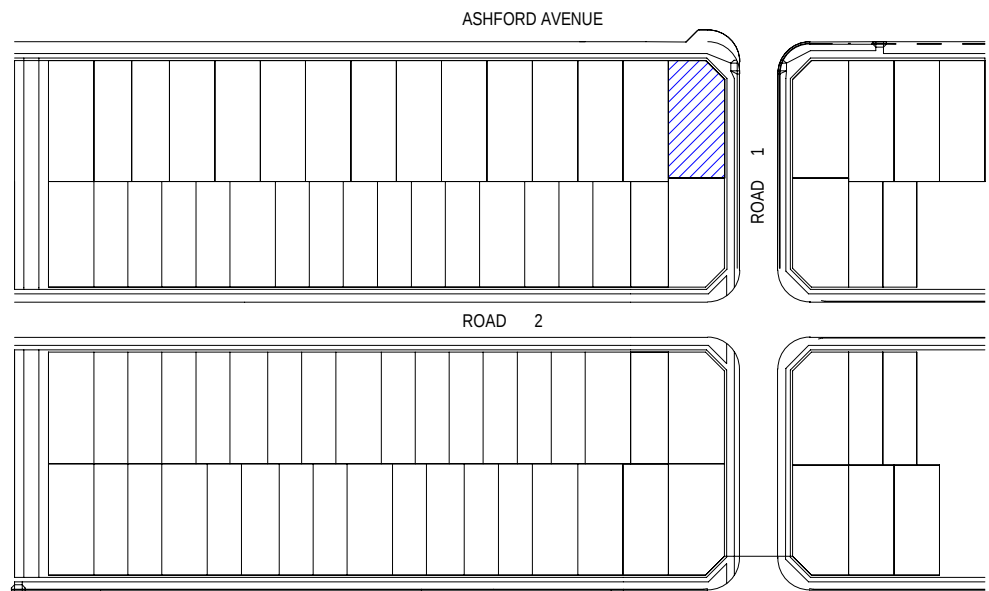
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ASHFORD AVENUE

ROAD 1

ROOF PLAN		
APG	ALUMINUM 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	PHOTOVOLTAC SOLAR PANEL	
RWH	RAINFALL WATER HEAD	
SHMP	SOLAR HOT WATER PANEL	
SL	SKY LIGHT	
TPE	TIMBER PERGOLA TO DETAIL	
TR	TILED ROOF - PITCH AS NOTED	
XX	RAISED SUFFIT	
XX	FIRE RATED EAVES/OFFSET	
ROOF COLOUR		
SOLAR REFLECTIVE INDEX (SRI)		
ROOF PITCH	COLOUR	SRI
< 15°	SHALE GREY	66

1 ROOF PLAN - LOT 2101



31.10.25	B
08.08.25	A
date	rev

ISSUE TO SSDA FOR APPROVAL
PRELIMINARY ISSUE FOR CONSULTANT
amendment

MIRVAC DESIGN
Level 20 200 George St
Sydney NSW 2000
Tel: 02 9260 0000
Mirvac Design Pty Ltd
ABN 70 007 959 931
Mirvac Design Nominees / Responsible Architects
Anda Verma, Andrew La, David Hest, Michael Wilson
http://www.mirvacdesign.com/mirvacdesign/andreas



project:
KINLEA - MILPERRA (WSU)
2 Bullecourt Avenue, Milperra NSW 2214
Stage: 2 Site: 2.1 Lot: 2101-2109

title:
ROOF PLANS - LOT 2101

job no: MB-10418
drawing no: S2-2.1-DA230
scale @ A1 : 1 : 100
date: 31.10.25 rev: B



0mm

100mm

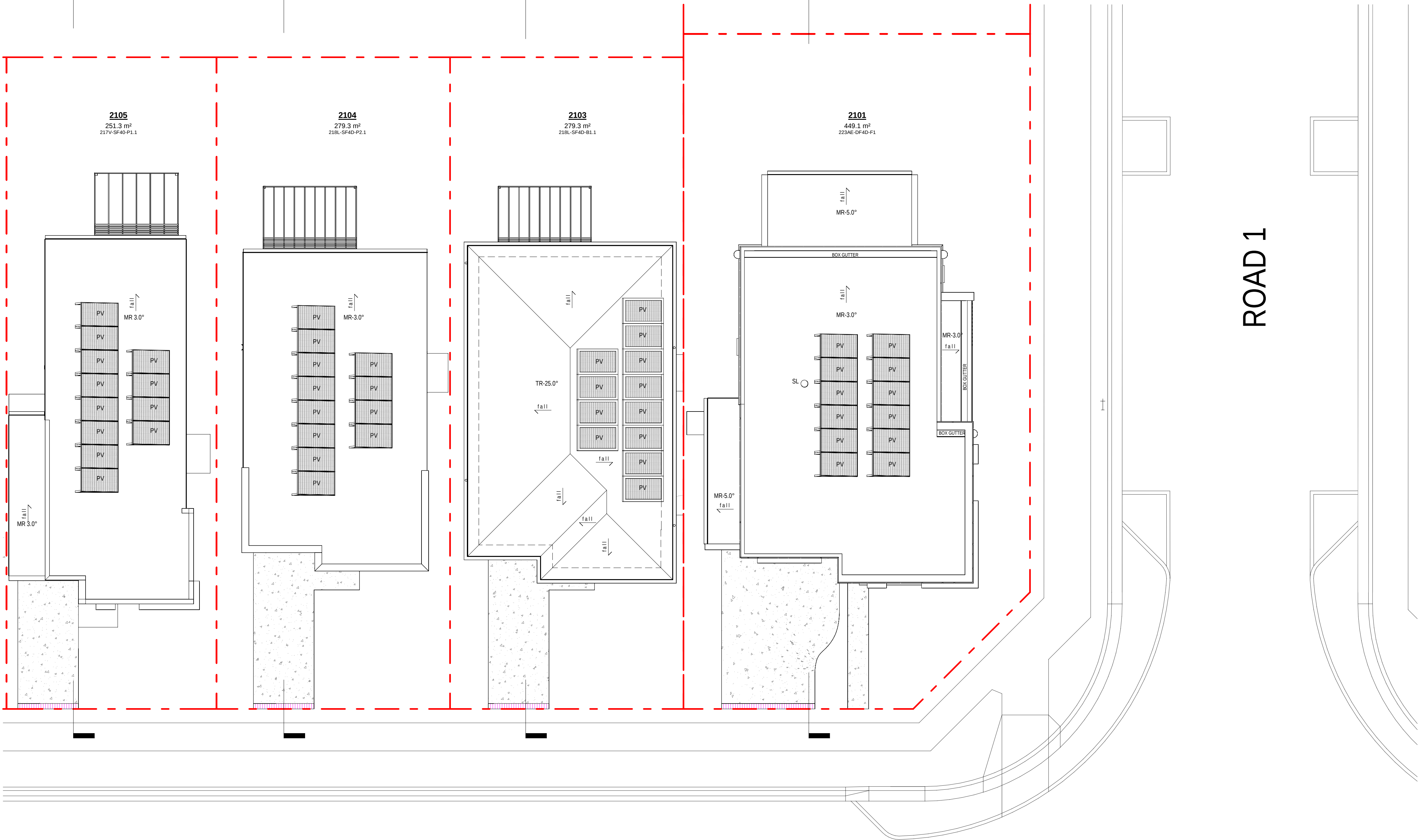
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300mm

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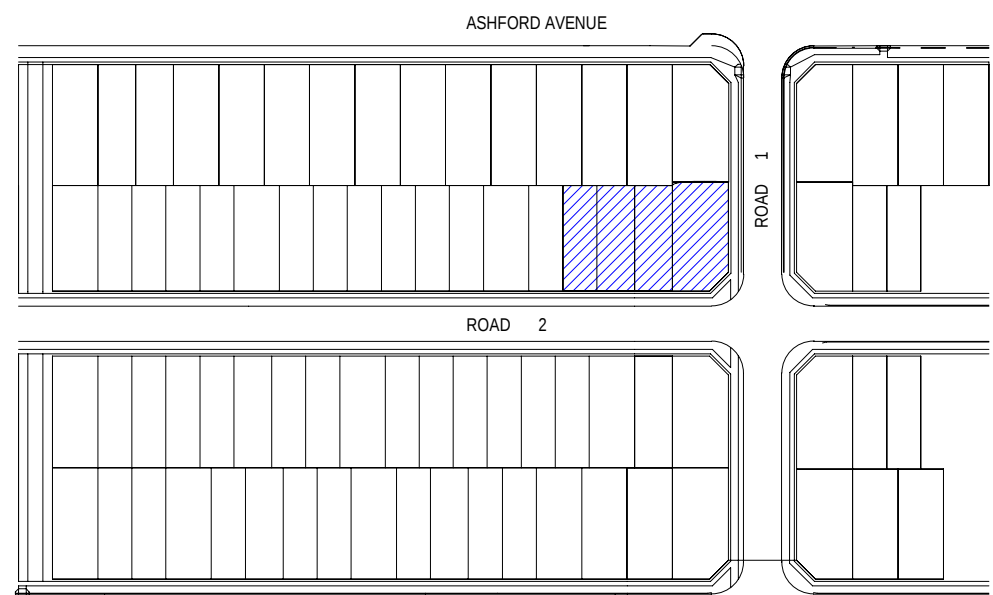


ROOF PLAN		
APG	ALUMINUM PERGOLA TO DETAIL	
BG	BOX GUTTER	
DP	DOWNPipe	
GPS	DOWNPipe & SPREADER	
DP-100	DOWNPipe 100mm DIA	
EXHR	EXHAUST TO ROOF	
MR	METAL ROOF	
OF	OVERFLOW	
PV	PHOTOVOLTAIC SOLAR PANEL	
RWH	RAINFALL WATER HEAD	
SHMP	SOLAR HOT WATER PANEL	
SL	SKY LIGHT	
TYPE	TIMBER PERGOLA TO DETAIL	
TR	TILED ROOF - PITCH AS NOTED	
XXXX	RAISED SUFFIT	
XXXX	FIRE RATED SAVERS/SPRINT	
ROOF COLOUR		
SOLAR REFLECTIVE INDEX (SRI)		
ROOF PITCH	COLOUR	SRI
< 15°	SHALE GREY	66

ROAD 1

ROAD 2

1 ROOF PLAN - LOT 2102-2105



0mm

100mm

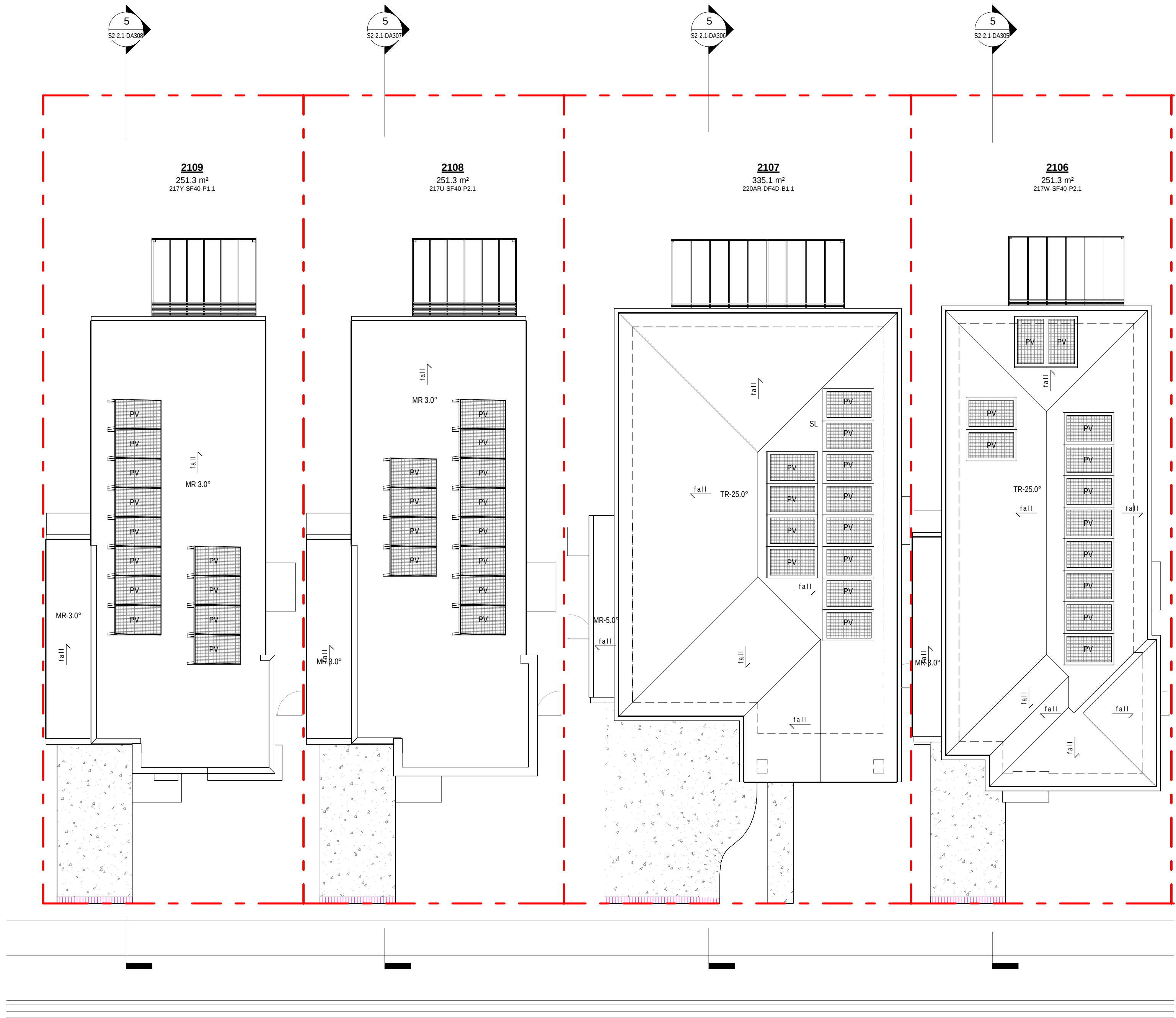
200mm

300mm

100mm

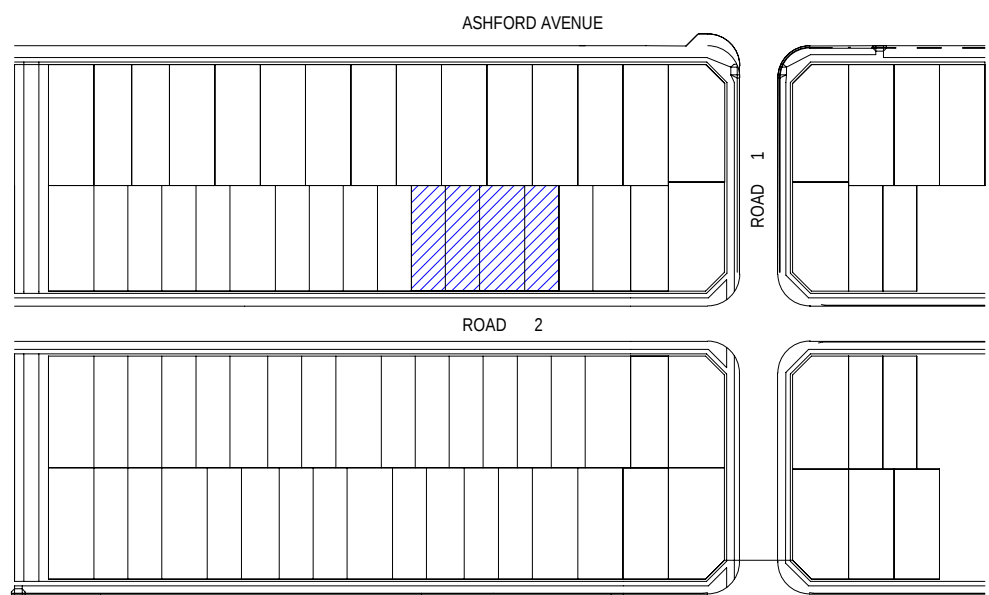
200mm

300mm



ROAD 2

1 ROOF PLAN - LOT 2106-2109



ROOF PLAN		
APG	ALUMINUM 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	RAINFALL WATER HEAD	
SHMP	SOLAR HOT WATER PANEL	
SL	SKY LIGHT	
TYPE	TIMBER PERGOLA TO DETAIL	
TR	TILED ROOF - PITCH AS NOTED	
XXXX	RAISED SUFFIT	
XXXX	FIRE RATED CEILING/ROOF	
ROOF COLOUR		
SOLAR REFLECTIVE INDEX (SRI)		
ROOF PITCH	COLOUR	SRI
< 15°	SHALE GREY	66



0mm

100mm

200mm

300mm

100mm

200mm

300mm

▽ RL 18784 Lot 2101 - Parapet

▽ RL 17234 Lot 2101 - FF CL

▽ RL 14804 Lot 2101 - FF

▽ RL 14370 Lot 2101 - GF CL

▽ RL 11775 Lot 2101 - GF



1 2101 - WEST ELEVATION
1:100

▽ RL 18784 Lot 2101 - Parapet

▽ RL 17234 Lot 2101 - FF CL

▽ RL 14804 Lot 2101 - FF

▽ RL 14370 Lot 2101 - GF CL

▽ RL 11775 Lot 2101 - GF



2 2101 - SOUTH ELEVATION
1:100

▽ RL 18784 Lot 2101 - Parapet

▽ RL 17234 Lot 2101 - FF CL

▽ RL 14804 Lot 2101 - FF

▽ RL 14370 Lot 2101 - GF CL

▽ RL 11775 Lot 2101 - GF



3 2101 - EAST ELEVATION
1:100

▽ RL 18784 Lot 2101 - Parapet

▽ RL 17234 Lot 2101 - FF CL

▽ RL 14804 Lot 2101 - FF

▽ RL 14370 Lot 2101 - GF CL

▽ RL 11775 Lot 2101 - GF



4 2101 - NORTH ELEVATION
1:100

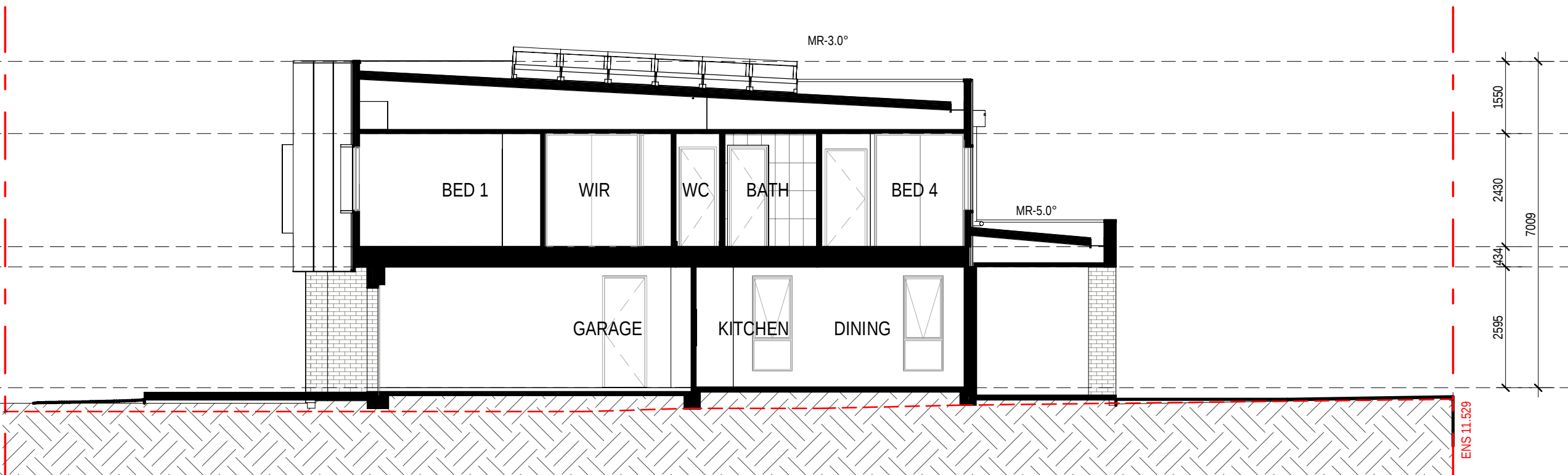
▽ RL 18784 Lot 2101 - Parapet

▽ RL 17234 Lot 2101 - FF CL

▽ RL 14804 Lot 2101 - FF

▽ RL 14370 Lot 2101 - GF CL

▽ RL 11775 Lot 2101 - GF



5 2101 - SECTION 1
1:100

EXTERNAL FINISHES WALL TYPE

EXTENT OF FINISHES INDICATED ONLY.

REFER TO FINISHES SCHEDULE

FBW FACE BRICKWORK

RHP - 75 RENDERED HEBEL PANEL 75

RHP - 50 RENDERED HEBEL PANEL 50

VB LIGHTWEIGHT CLADDING - VERTICAL RIB

TIMBER LOOK

TL TILE FEATURE CLADDING

LWC - V LIGHT WEIGHT CLADDING - VERTICAL

LWC - H LIGHT WEIGHT CLADDING - HORIZONTAL

LWS RENDERED LIGHTWEIGHT SHEET CLADDING

LWS - B PAINTED LIGHTWEIGHT SHEET CLADDING

WITH FEATURE BATTENS

MC COLORBOND METAL CLADDING

VBS VERTICAL BLADE SCREEN

HBS HORIZONTAL BATTEN SCREEN

ED ENTRY DOOR

GD GARAGE DOOR

OBSCURE WINDOWS

GREY SHADING TO WINDOWS

INDICATES OBSCURE GLAZING

PROPOSED INTERLOT FENCE 1800mm HEIGHT

EXISTING NATURAL SURFACE LINE

EXISTING NATURAL SURFACE SPOT LEVEL

ENS xxxxx

NOTES:

THE RLS (REDUCED LEVELS) SHOWN ON THIS

DRAWING ARE SUBJECT TO A TOLERANCE OF

±500MM FROM THE FINAL CONSTRUCTED

RLS.

0mm

100mm

200mm

300mm

100mm

200mm

300mm

▽ RL 19164 Lot 2102 - Parapet

▽ RL 17614 Lot 2102 - FF CL

▽ RL 15184 Lot 2102 - FF

▽ RL 14750 Lot 2102 - GF CL

▽ RL 12155 Lot 2102 - GF

1 2102 - EAST ELEVATION

▽ RL 19164 Lot 2102 - Parapet

▽ RL 17614 Lot 2102 - FF CL

▽ RL 15184 Lot 2102 - FF

▽ RL 14750 Lot 2102 - GF CL

▽ RL 12155 Lot 2102 - GF

2 2102 - NORTH ELEVATION
1 : 100

▽ RL 19164 Lot 2102 - Parapet

▽ RL 17614 Lot 2102 - FF CL

▽ RL 15184 Lot 2102 - FF

▽ RL 14750 Lot 2102 - GF CL

▽ RL 12155 Lot 2102 - GF

3 2102 - WEST ELEVATION
1 : 100

▽ RL 19164 Lot 2102 - Parapet

▽ RL 17614 Lot 2102 - FF CL

▽ RL 15184 Lot 2102 - FF

▽ RL 14750 Lot 2102 - GF CL

▽ RL 12155 Lot 2102 - GF

4 2102 - SOUTH ELEVATION
1 : 100

▽ RL 19164 Lot 2102 - Parapet

▽ RL 17614 Lot 2102 - FF CL

▽ RL 15184 Lot 2102 - FF

▽ RL 14750 Lot 2102 - GF CL

▽ RL 12155 Lot 2102 - GF

5 2102 - SECTION 1
1 : 100

EXTERNAL FINISHES WALL TYPE

EXTENT OF FINISHES INDICATED ONLY.

REFER TO FINISHES SCHEDULE

FBW FACE 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 - V LIGHT WEIGHT CLADDING - VERTICAL

LWC - H LIGHT WEIGHT CLADDING - HORIZONTAL

LWS RENDERED LIGHTWEIGHT SHEET CLADDING

LWS - B PAINTED LIGHTWEIGHT SHEET CLADDING

WITH FEATURE BATTENS

MC COLORBOND METAL CLADDING

VBS VERTICAL BLADE SCREEN

HBS HORIZONTAL BATTEN SCREEN

ED ENTRY DOOR

GD GARAGE DOOR

OBSCURE WINDOWS

GREY SHADING TO WINDOWS

INDICATES OBSCURE GLAZING

PROPOSED INTERLOT FENCE 1800mm HEIGHT

EXISTING NATURAL SURFACE LINE

EXISTING NATURAL SURFACE SPOT LEVEL

ENS xxxxx

NOTES:

THE RLS (REDUCED LEVELS) SHOWN ON THIS

DRAWING ARE SUBJECT TO A TOLERANCE OF

±300MM FROM THE FINAL CONSTRUCTED

RLS.

12.03.26
31.10.25
08.08.25
date

C
B
A
rev

RE ISSUE TO SSQA FOR APPROVAL: EXTERNAL
COLOUR & FINISHES REVISED.
ISSUE TO SSQA FOR APPROVAL
PRELIMINARY ISSUE FOR CONSULTANT
amendment

MIRVAC
DESIGN

Level 20 200 George St
Sydney NSW 2000
Tel: 02 9550 0000

Mirvac Design Pty Ltd
ABN 70 007 959 931

Mirvac Design Nominees / Responsible Architects
Anda Verma, Andrew La, David Hest, Michael Winter
http://www.mirvacdesign.com/nominees-and-architects

dent



project:

KINLEA - MILPERRA (WSU)

2 Bullecourt Avenue, Milperra NSW 2214

Stage: 2

Site: 2.1

Lot: 2101-2109

title:

ELEVATIONS AND SECTIONS - LOT
2102

job no:

MB-10418

drawing no:

S2-2.1-DA301

scale @ A1 : 1 : 100

date:

12.03.26

rev:

C

0mm

100mm

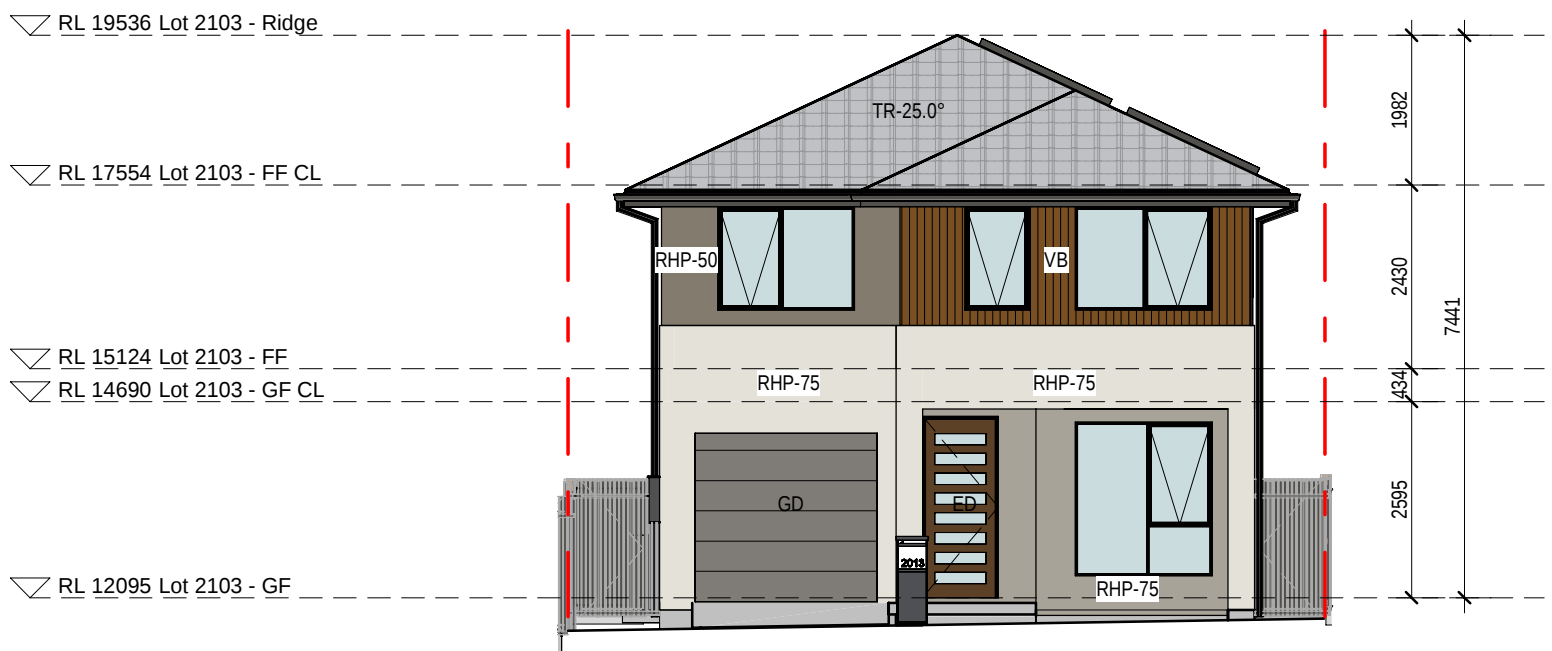
200mm

300mm

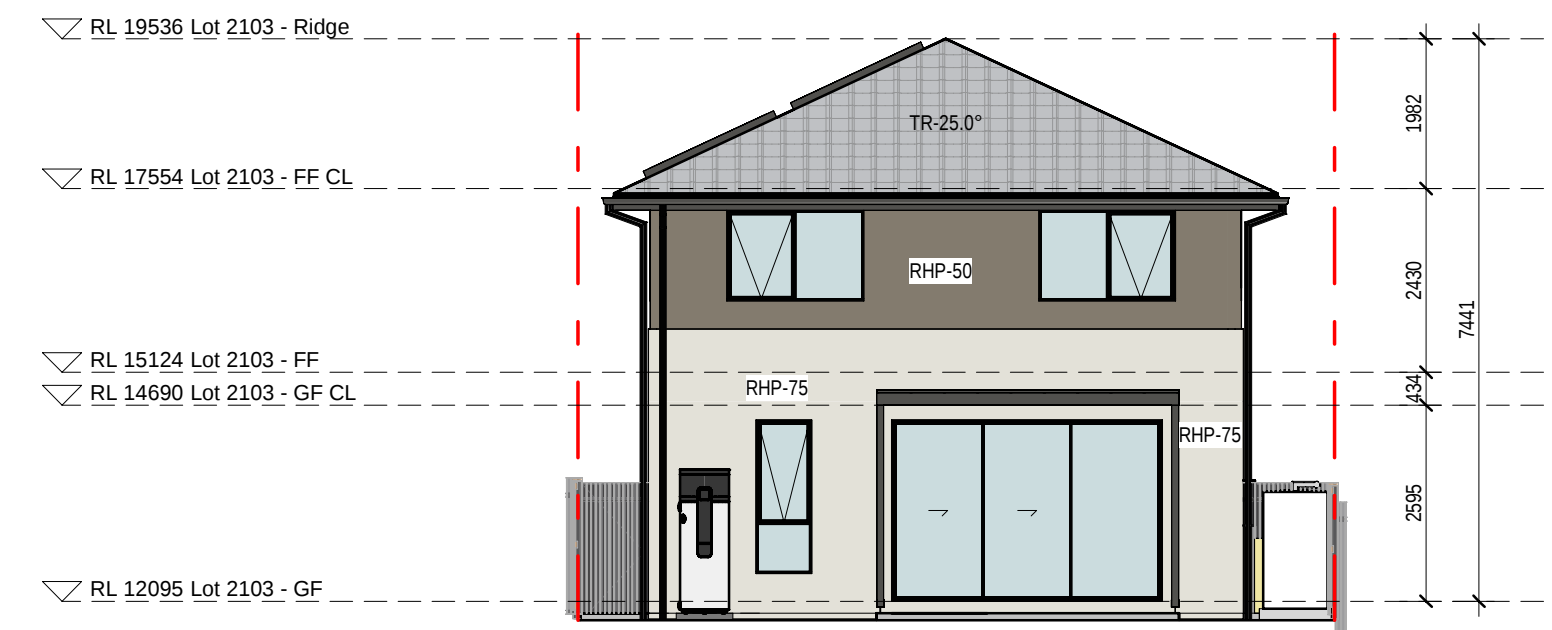
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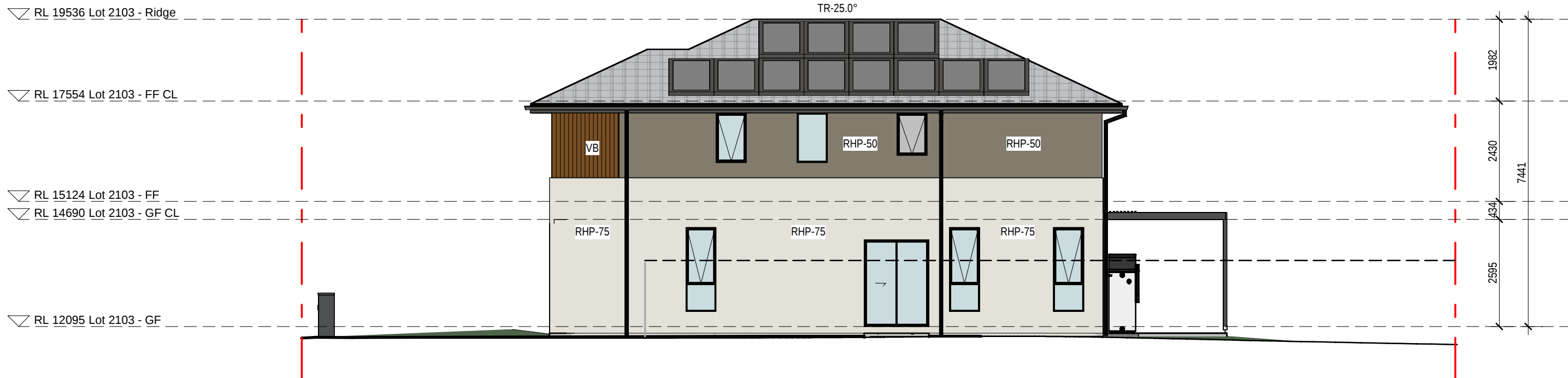
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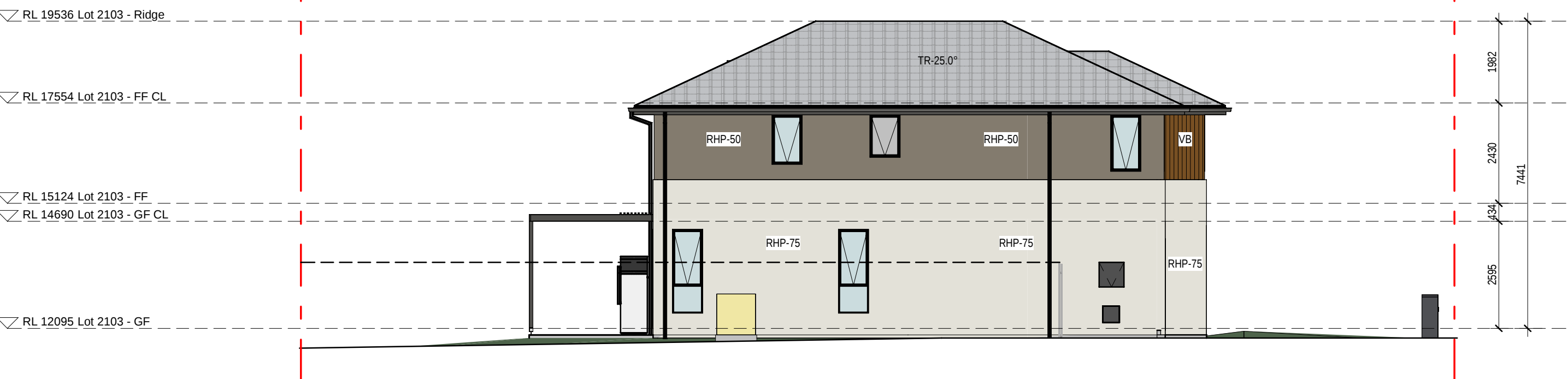
1 2103 - EAST ELEVATION
1 : 100



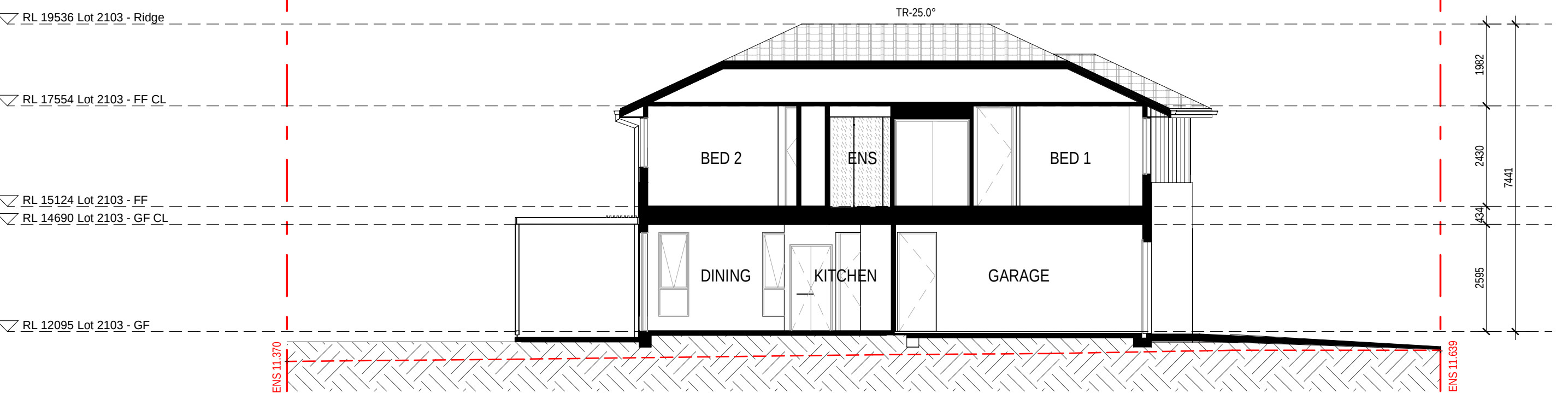
3 2103 - WEST ELEVATION
1 : 100



2 2103 - NORTH ELEVATION
1 : 100



4 2103 - SOUTH ELEVATION
1 : 100



5 2103 - SECTION 1
1 : 100

EXTERNAL FINISHES WALL TYPE	
EXTENT OF FINISHES INDICATED ONLY. REFER TO FINISHES SCHEDULE	
FBW	FACE BRICKWORK
RHP - 75	RENDERED HEBEL PANEL 75
RHP - 50	RENDERED HEBEL PANEL 50
VB	LIGHTWEIGHT CLADDING - VERTICAL RIB TIMBER LOOK
TL	TILE FEATURE CLADDING
LWC - V	LIGHT WEIGHT CLADDING - VERTICAL
LWC - H	LIGHT WEIGHT CLADDING - HORIZONTAL
LWS	RENDERED LIGHTWEIGHT SHEET CLADDING
LWS - B	PAINTED LIGHTWEIGHT SHEET CLADDING WITH FEATURE BATTENS
MC	COLORBOND METAL CLADDING
VBS	VERTICAL BLADE SCREEN
HBS	HORIZONTAL BATTEN SCREEN
ED	ENTRY DOOR
GD	GARAGE DOOR
OBSCURE WINDOWS	
	GREY SHADING TO WINDOWS INDICATES OBSCURE GLAZING
PROPOSED INTERLOT FENCE 1800mm HEIGHT	
EXISTING NATURAL SURFACE LINE	
EXISTING NATURAL SURFACE SPOT LEVEL	
ENS xxxxx	
NOTES:	
THE RLs (REDUCED LEVELS) SHOWN ON THIS DRAWING ARE SUBJECT TO A TOLERANCE OF ±300MM FROM THE FINAL CONSTRUCTED RLs.	

0mm | 100mm | 200mm | 300mm

100mm

200mm

300mm



2104 - EAST ELEVATION



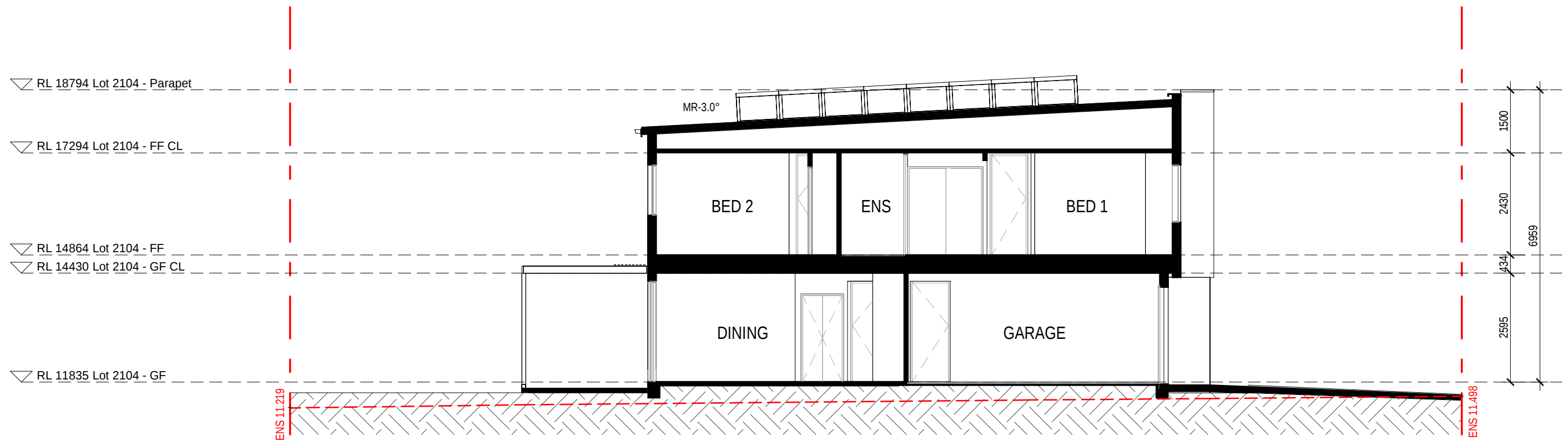
2104 - WEST ELEVATION



2104 - NORTH ELEVATION



2104 - SOUTH ELEVATION



2104 - SECTION 1

EXTERNAL FINISHES WALL TYPE	
EXTENT OF FINISHES INDICATED ONLY. REFER TO FINISHES SCHEDULE	
FBW	FACE BRICKWORK
RHP - 75	RENDERED HEBEL PANEL 75
RHP - 50	RENDERED HEBEL PANEL 50
VB	LIGHTWEIGHT CLADDING - VERTICAL RIB
TL	TILE FEATURE CLADDING
LWC - V	LIGHT WEIGHT CLADDING - VERTICAL
LWC - H	LIGHT WEIGHT CLADDING - HORIZONTAL
LWS	RENDERED LIGHTWEIGHT SHEET CLADDING
LWS - B	PAINTED LIGHTWEIGHT SHEET CLADDING WITH FEATURE BATTENS
MC	COLORBOND METAL CLADDING
VBS	VERTICAL BLADE SCREEN
HBS	HORIZONTAL BATTEN SCREEN
ED	ENTRY DOOR
GD	GARAGE DOOR
OBSCURE WINDOWS	
	GREY SHADING TO WINDOWS INDICATES OBSCURE GLAZING
PROPOSED INTERLOT FENCE 1800mm HEIGHT	
EXISTING NATURAL SURFACE LINE	
EXISTING NATURAL SURFACE SPOT LEVEL	
ENS xxxxx	
NOTES:	
THE RLS (REDUCED LEVELS) SHOWN ON THIS DRAWING ARE SUBJECT TO A TOLERANCE OF ±300MM FROM THE FINAL CONSTRUCTED RLS.	

12.03.26	C	RE ISSUE TO SSDA FOR APPROVAL: EXTERNAL COLOUR & FINISHES REVISED.
31.10.25	B	ISSUE TO SSDA FOR APPROVAL
08.08.25	A	PRELIMINARY ISSUE FOR CONSULTANT
08	REV	amendment

MIRVAC DESIGN
Level 28 200 George St
Sydney NSW 2000
Tel: 02 9550 1000
Mirvac Design Pty Ltd
ABN 70 007 997 937
Mirvac Design Nominees / Responsible Architects
Anda Verrini, Andrew La, David Hest, Michael Weller
http://www.mirvacdesign.com/mirvacdesign/

dent
mirvac

project:
KINLEA - MILPERRA (WSU)
2 Bullecourt Avenue, Milperra NSW 2214
Stage: 2 Site: 2.1 Lot: 2101-2109

title:
ELEVATIONS AND SECTIONS - LOT 2104

job no: MB-10418
drawing no: S2-2.1-DA303
scale @ A1 : 1 : 100
date: 12.03.26 rev: C

0mm

100mm

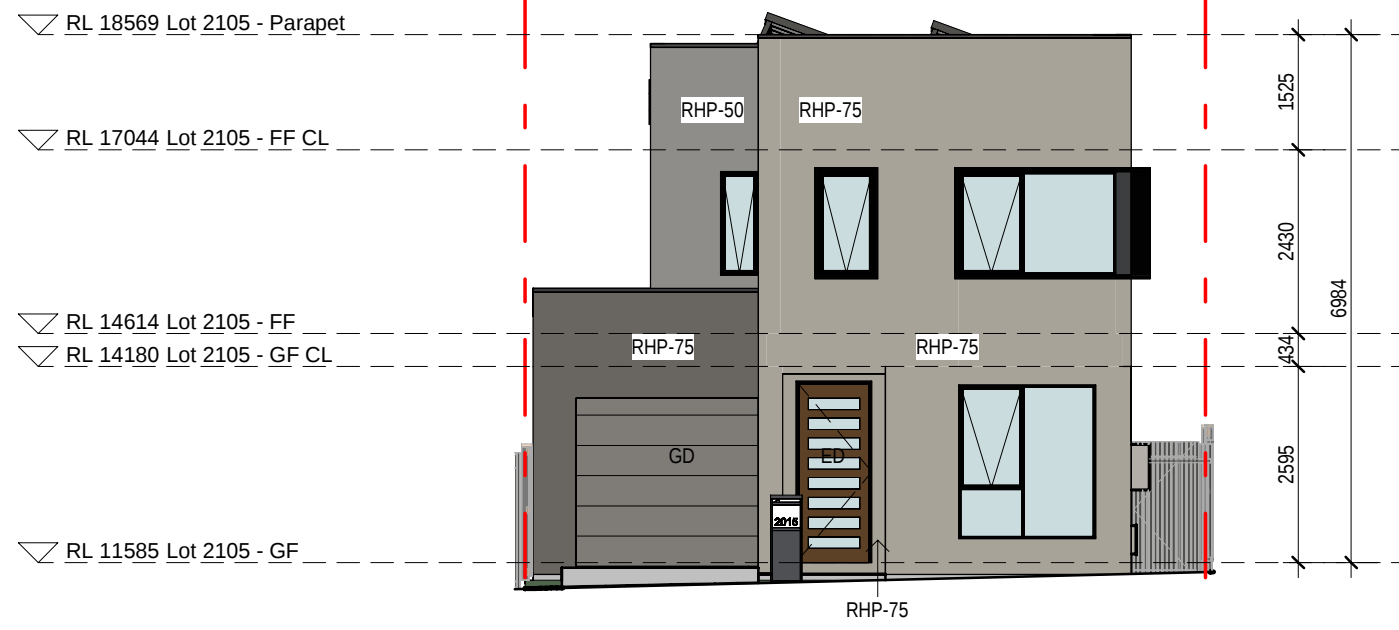
200mm

300mm

100mm

200mm

300mm



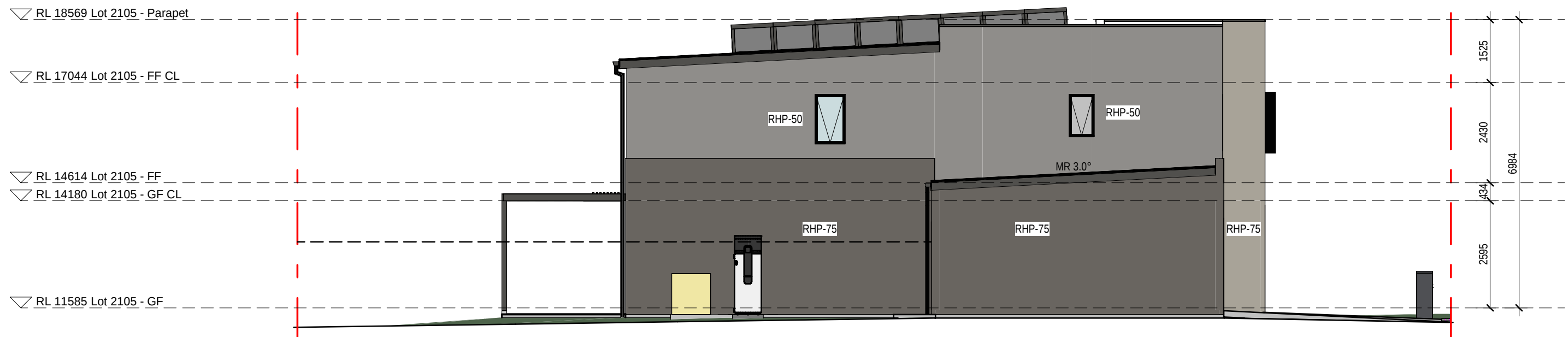
1 2105 - EAST ELEVATION
1 : 100



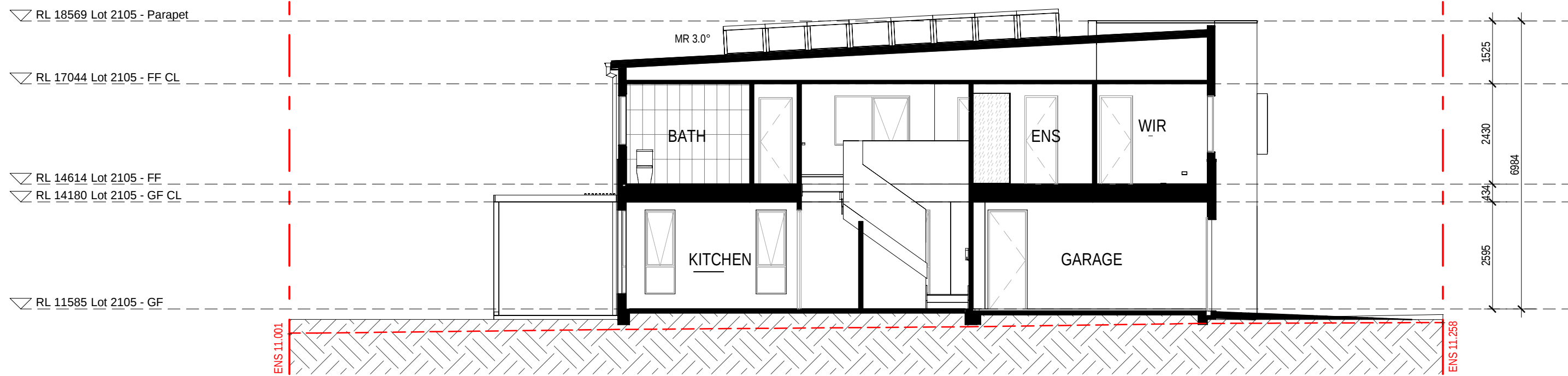
2 2105 - NORTH ELEVATION
1 : 100



3 2105 - WEST ELEVATION
1 : 100



4 2105 - SOUTH ELEVATION
1 : 100



5 2105 - SECTION 1
1 : 100

EXTERNAL FINISHES WALL TYPE	
EXTENT OF FINISHES INDICATED ONLY. REFER TO FINISHES SCHEDULE	
FBW	FACE BRICKWORK
RHP - 75	RENDERED HEBEL PANEL 75
RHP - 50	RENDERED HEBEL PANEL 50
VB	LIGHTWEIGHT CLADDING - VERTICAL RIB TIMBER LOOK
TL	TILE FEATURE CLADDING
LWC - V	LIGHT WEIGHT CLADDING - VERTICAL
LWC - H	LIGHT WEIGHT CLADDING - HORIZONTAL
LWS	RENDERED LIGHTWEIGHT SHEET CLADDING
LWS - B	PAINTED LIGHTWEIGHT SHEET CLADDING WITH FEATURE BATTENS
MC	COLORBOND METAL CLADDING
VBS	VERTICAL BLADE SCREEN
HBS	HORIZONTAL BATTEN SCREEN
ED	ENTRY DOOR
GD	GARAGE DOOR
OBSCURE WINDOWS	
	GREY SHADING TO WINDOWS INDICATES OBSCURE GLAZING
PROPOSED INTERLOT FENCE 1800mm HEIGHT	
EXISTING NATURAL SURFACE LINE	
EXISTING NATURAL SURFACE SPOT LEVEL	
ENS xxxxx	
NOTES: THE RLS (REDUCED LEVELS) SHOWN ON THIS DRAWING ARE SUBJECT TO A TOLERANCE OF ±500MM FROM THE FINAL CONSTRUCTED RLS.	

0mm

100mm

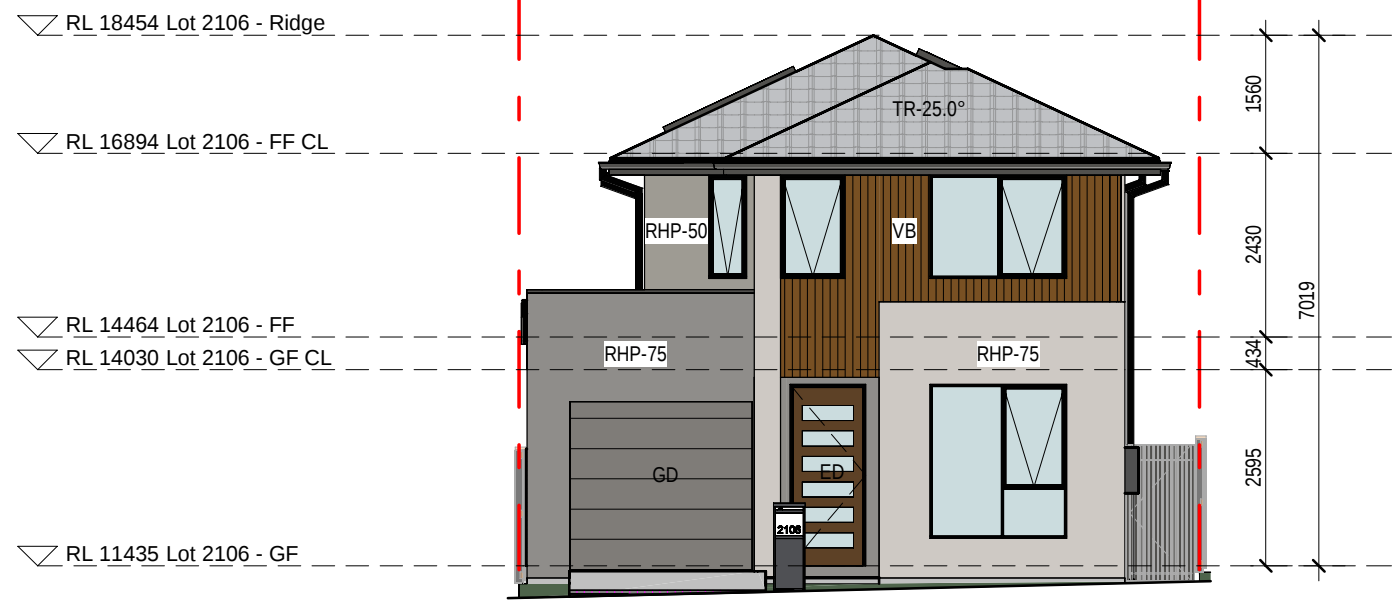
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300mm

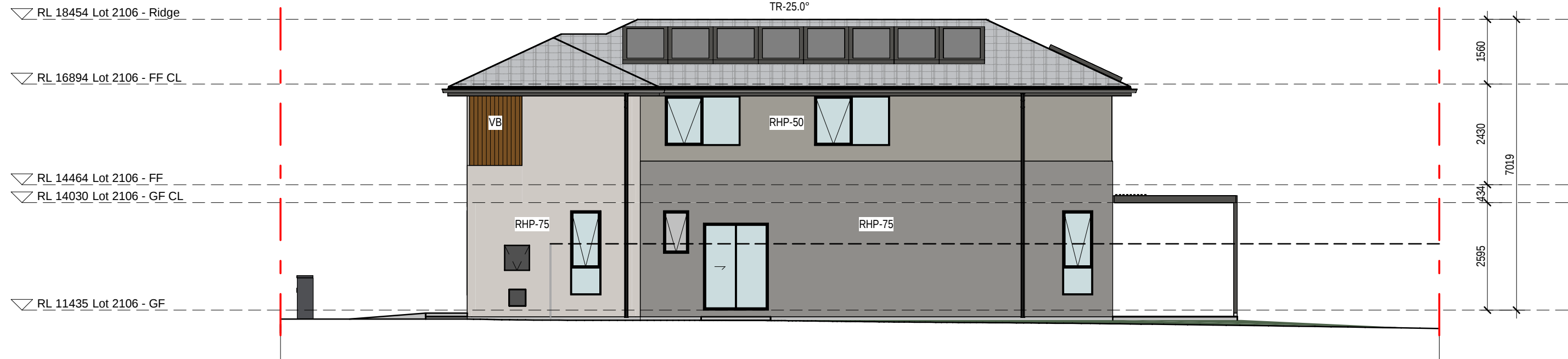
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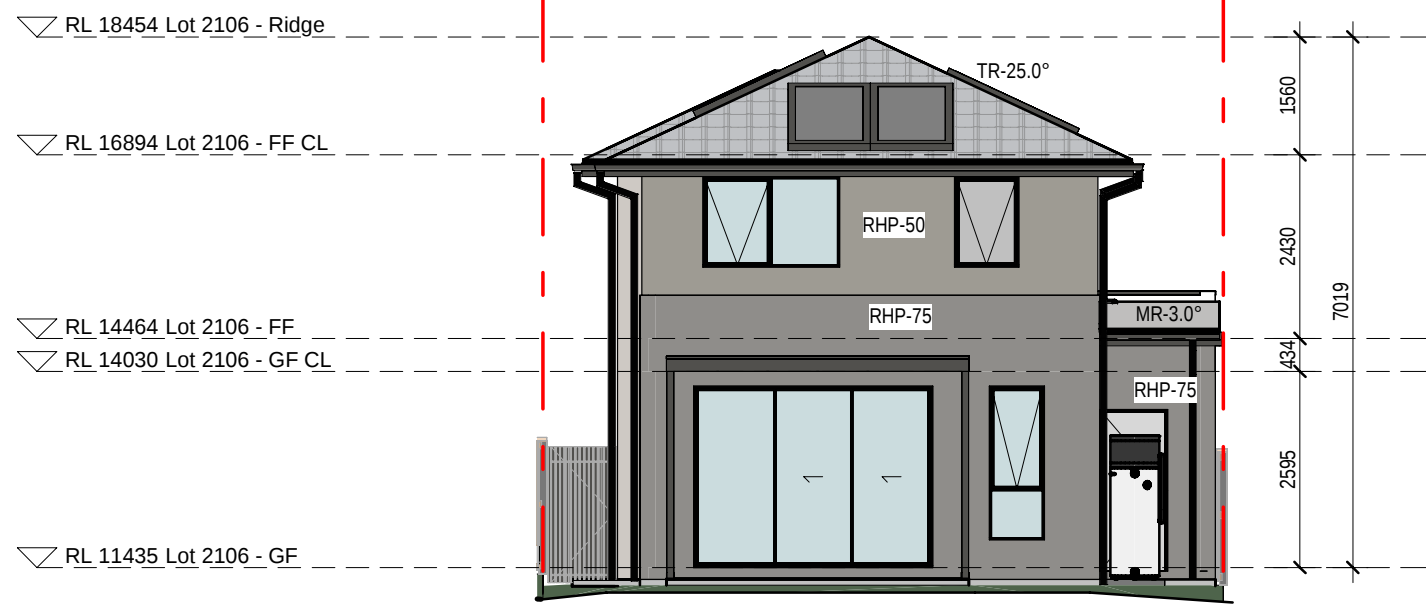
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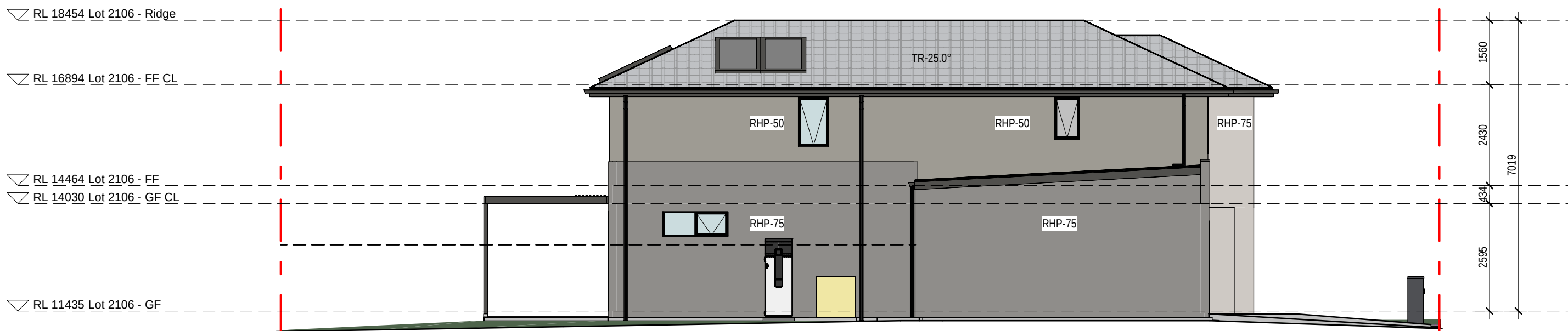
1 2106 - EAST ELEVATION



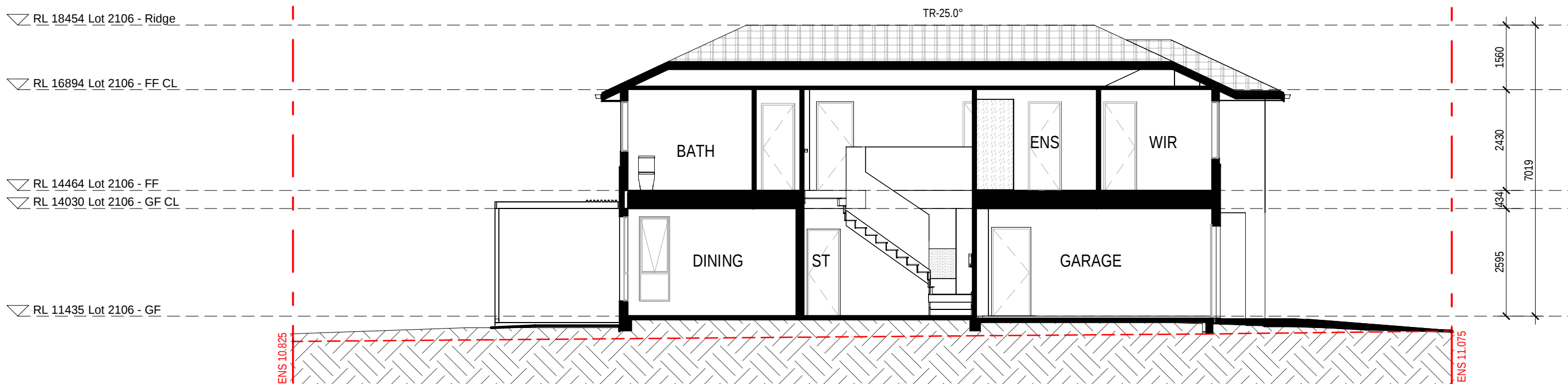
2 2106 - NORTH ELEVATION



3 2106 - WEST ELEVATION



4 2106 - SOUTH ELEVATION



5 2106 - SECTION 1

EXTERNAL FINISHES WALL TYPE	
EXTENT OF FINISHES INDICATED ONLY. REFER TO FINISHES SCHEDULE	
FBW	FACE BRICKWORK
RHP-75	RENDERED REBEL PANEL 75
RHP-50	RENDERED REBEL PANEL 50
VB	LIGHTWEIGHT CLADDING - VERTICAL RIB
TL	TILE FEATURE CLADDING
LWC-V	LIGHT WEIGHT CLADDING - VERTICAL
LWC-H	LIGHT WEIGHT CLADDING - HORIZONTAL
LWS	RENDERED LIGHTWEIGHT SHEET CLADDING
LWS-B	PAINTED LIGHTWEIGHT SHEET CLADDING WITH FEATURE BATTENS
MC	COLORBOND METAL CLADDING
VBS	VERTICAL BLADE SCREEN
HBS	HORIZONTAL BATTEN SCREEN
ED	ENTRY DOOR
GD	GARAGE DOOR
OBSCURE WINDOWS	
	GREY SHADING TO WINDOWS INDICATES OBSCURE GLAZING
PROPOSED INTERLOT FENCE 1800mm HEIGHT	
EXISTING NATURAL SURFACE LINE	
EXISTING NATURAL SURFACE SPOT LEVEL	
ENS xxxxx	
NOTES:	
THE RLS (REDUCED LEVELS) SHOWN ON THIS DRAWING ARE SUBJECT TO A TOLERANCE OF ±300MM FROM THE FINAL CONSTRUCTED RLS.	

0mm

100mm

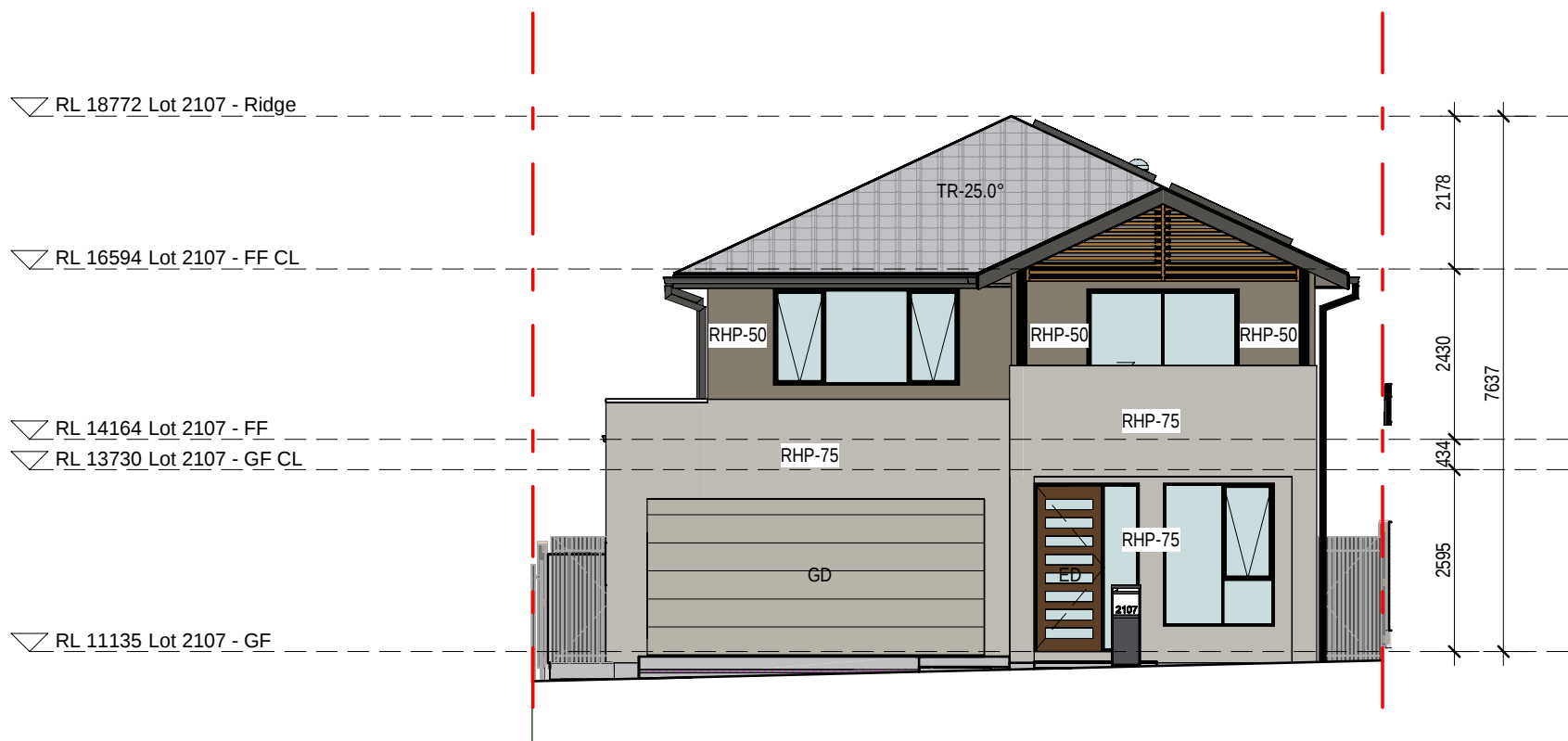
200mm

300mm

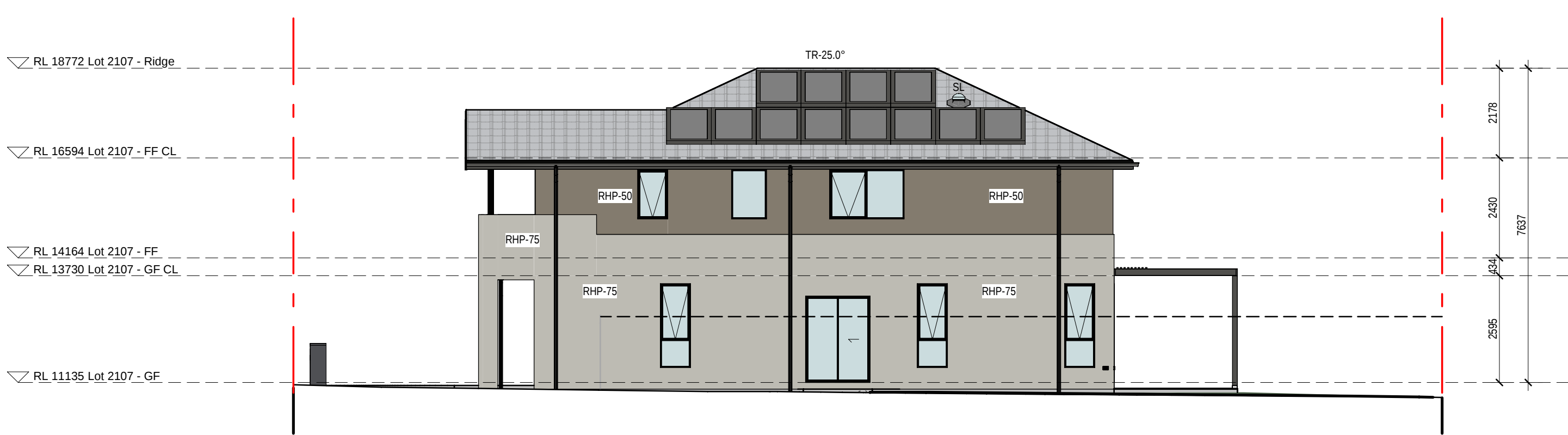
100mm

200mm

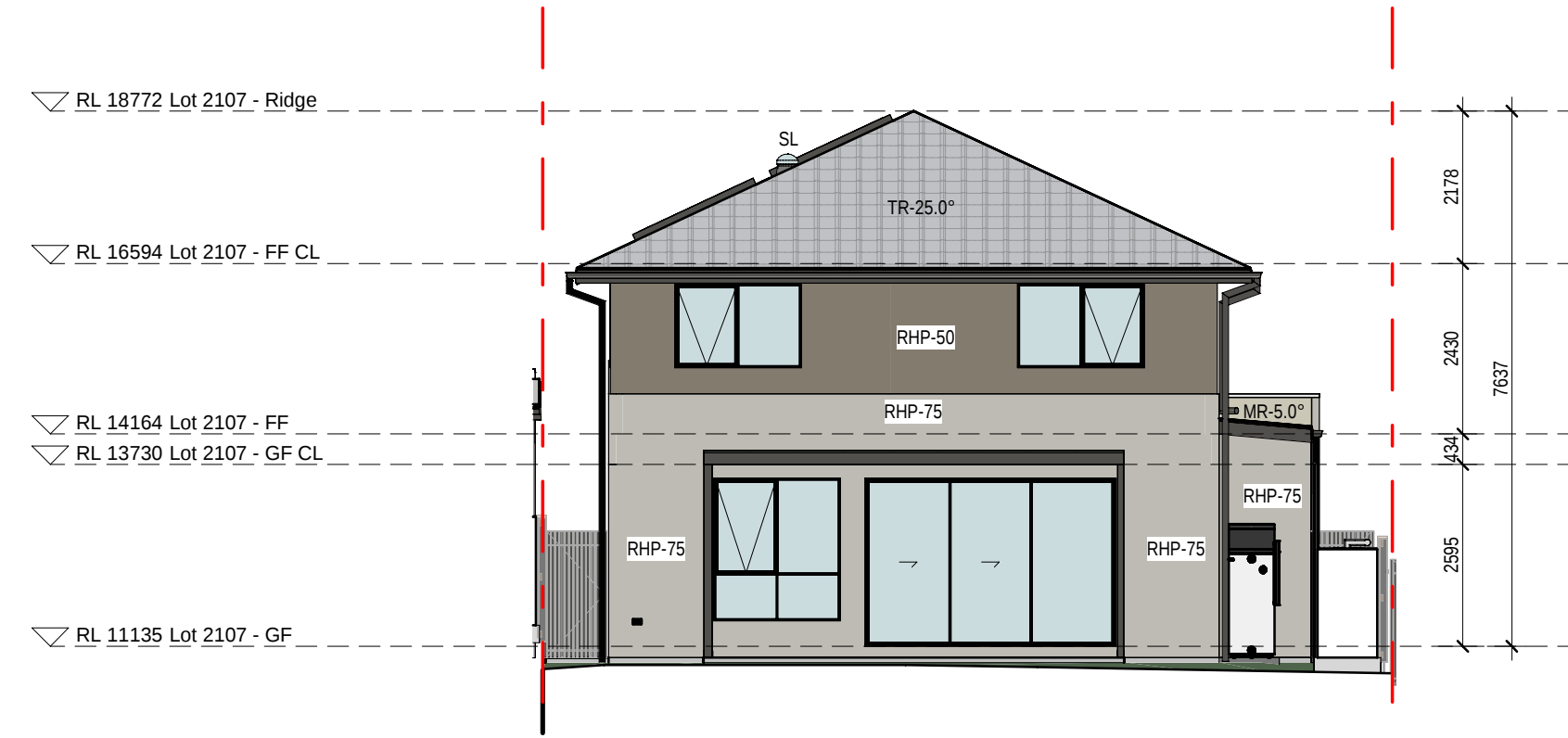
300mm



1 2107 - EAST ELEVATION
1:100



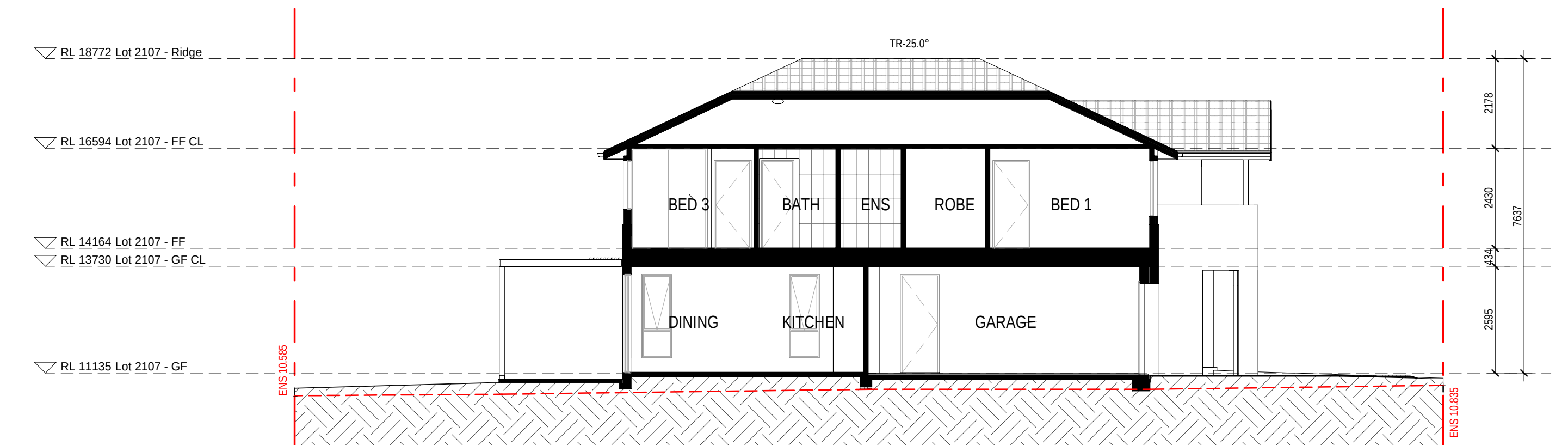
2 2107 - NORTH ELEVATION
1:100



3 2107 - WEST ELEVATION
1:100



4 2107 - SOUTH ELEVATION
1:100



5 2107 - SECTION 1
1:100

EXTERNAL FINISHES WALL TYPE

EXTENT OF FINISHES INDICATED ONLY.
REFER TO FINISHES SCHEDULE

FBW FACE BRICKWORK
RHP-75 RENDERED HEBEL PANEL 75
RHP-50 RENDERED HEBEL PANEL 50
VB LIGHTWEIGHT CLADDING - VERTICAL RIB
TL TILE FEATURE CLADDING
LWC-V LIGHT WEIGHT CLADDING - VERTICAL
LWC-H LIGHT WEIGHT CLADDING - HORIZONTAL
LWS RENDERED LIGHTWEIGHT SHEET CLADDING
LWS-B PAINTED LIGHTWEIGHT SHEET CLADDING
WITH FEATURE BATTENS
MC COLORBOND METAL CLADDING
VBS VERTICAL BLADE SCREEN
HBS HORIZONTAL BATTEN SCREEN
ED ENTRY DOOR
GD GARAGE DOOR

OBSCURE WINDOWS

GREY SHADING TO WINDOWS
INDICATES OBSCURE GLAZING

PROPOSED INTERLOT FENCE 1800mm HEIGHT
EXISTING NATURAL SURFACE LINE
EXISTING NATURAL SURFACE SPOT LEVEL
ENS xxxxx

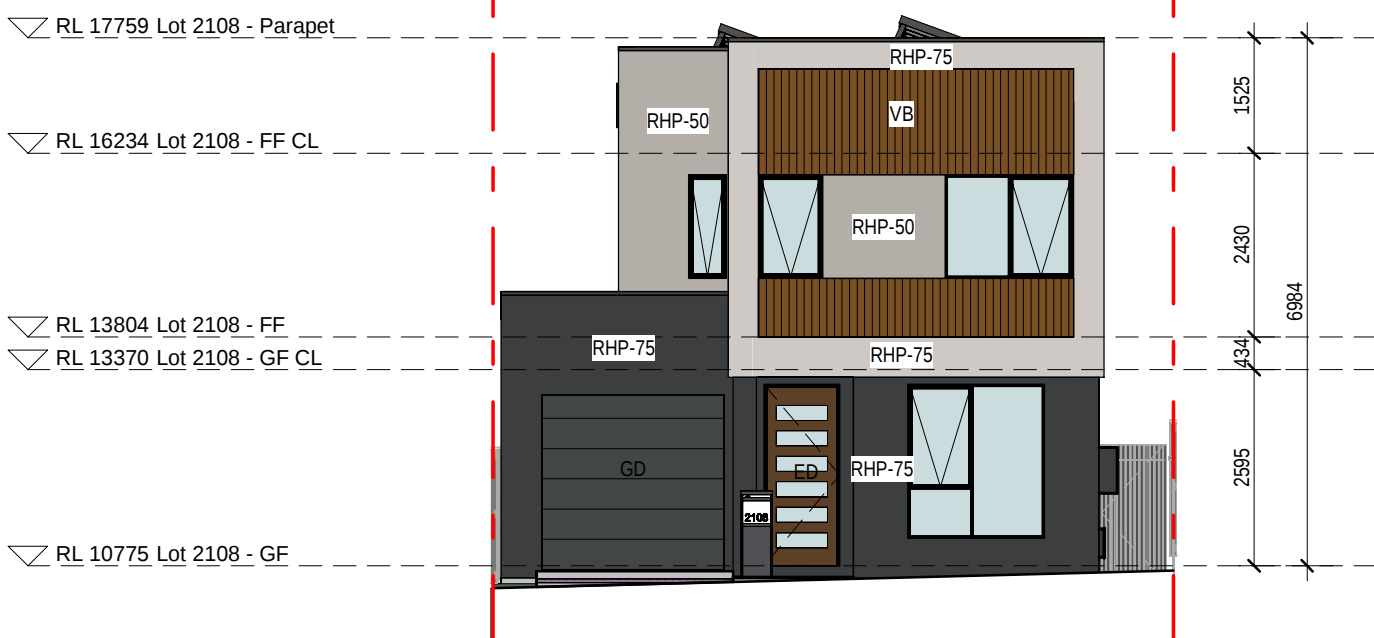
NOTES:
THE RLS (REDUCED LEVELS) SHOWN ON THIS
DRAWING ARE SUBJECT TO A TOLERANCE OF
±300MM FROM THE FINAL CONSTRUCTED
RLS.

0mm

100mm

200mm

300mm



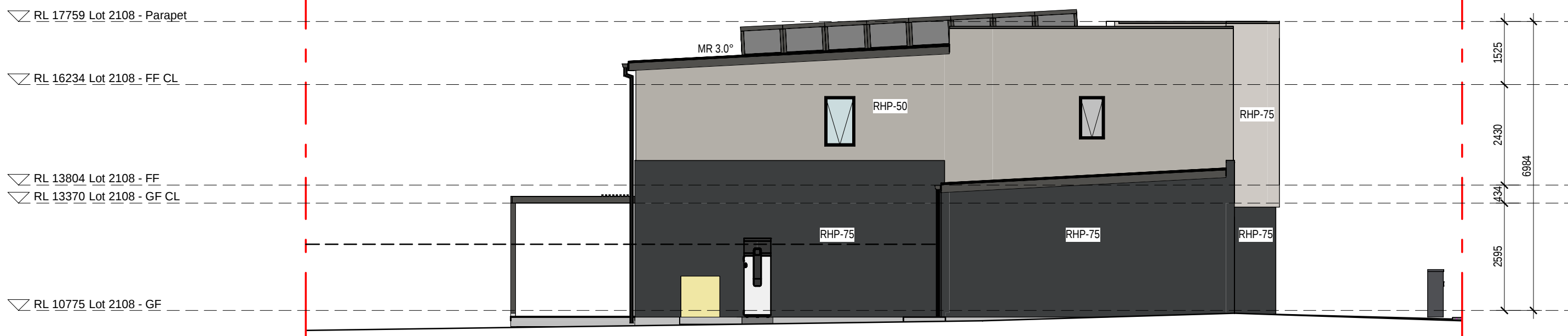
1 2108 - EAST ELEVATION



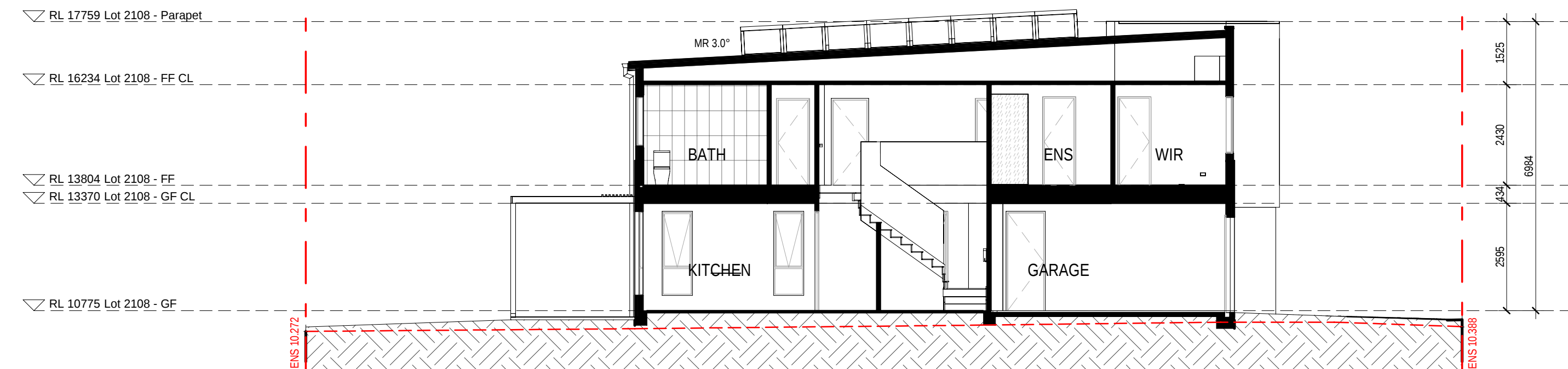
3 2108 - WEST ELEVATION



2 2108 - NORTH ELEVATION



4 2108 - SOUTH ELEVATION



5 2108 - SECTION 1

EXTERNAL FINISHES WALL TYPE	
EXTENT OF FINISHES INDICATED ONLY. REFER TO FINISHES SCHEDULE	
FBW	FACE BRICKWORK
RHP - 75	RENDERED HEBEL PANEL 75
RHP - 50	RENDERED HEBEL PANEL 50
VB	LIGHTWEIGHT CLADDING - VERTICAL RIB
TL	TILE FEATURE CLADDING
LWC - V	LIGHT WEIGHT CLADDING - VERTICAL
LWC - H	LIGHT WEIGHT CLADDING - HORIZONTAL
LWS	RENDERED LIGHTWEIGHT SHEET CLADDING
LWS - B	PAINTED LIGHTWEIGHT SHEET CLADDING WITH FEATURE BATTENS
MC	COLORBOND METAL CLADDING
VBS	VERTICAL BLADE SCREEN
HBS	HORIZONTAL BATTEN SCREEN
ED	ENTRY DOOR
GD	GARAGE DOOR
OBSCURE WINDOWS	
	GREY SHADING TO WINDOWS INDICATES OBSCURE GLAZING
PROPOSED INTERLOT FENCE 1800mm HEIGHT	
EXISTING NATURAL SURFACE LINE	
EXISTING NATURAL SURFACE SPOT LEVEL	
ENS xxxxx	
NOTES:	
THE RLS (REDUCED LEVELS) SHOWN ON THIS DRAWING ARE SUBJECT TO A TOLERANCE OF ±300MM FROM THE FINAL CONSTRUCTED RLS.	

0mm

100mm

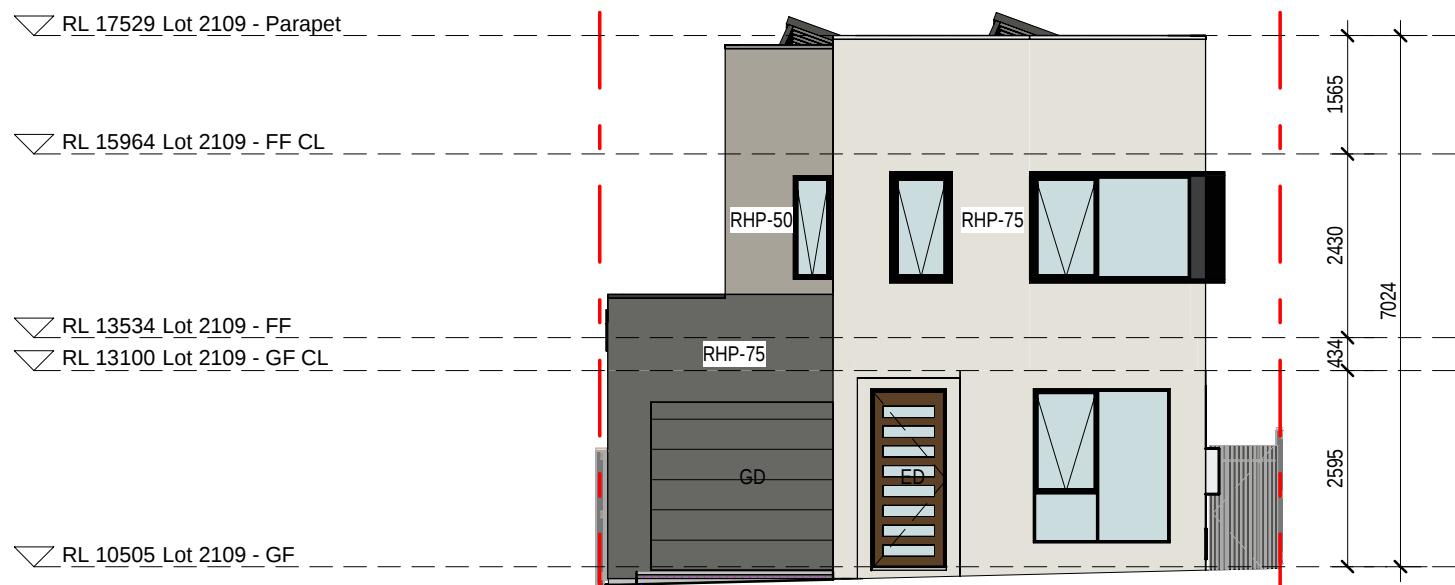
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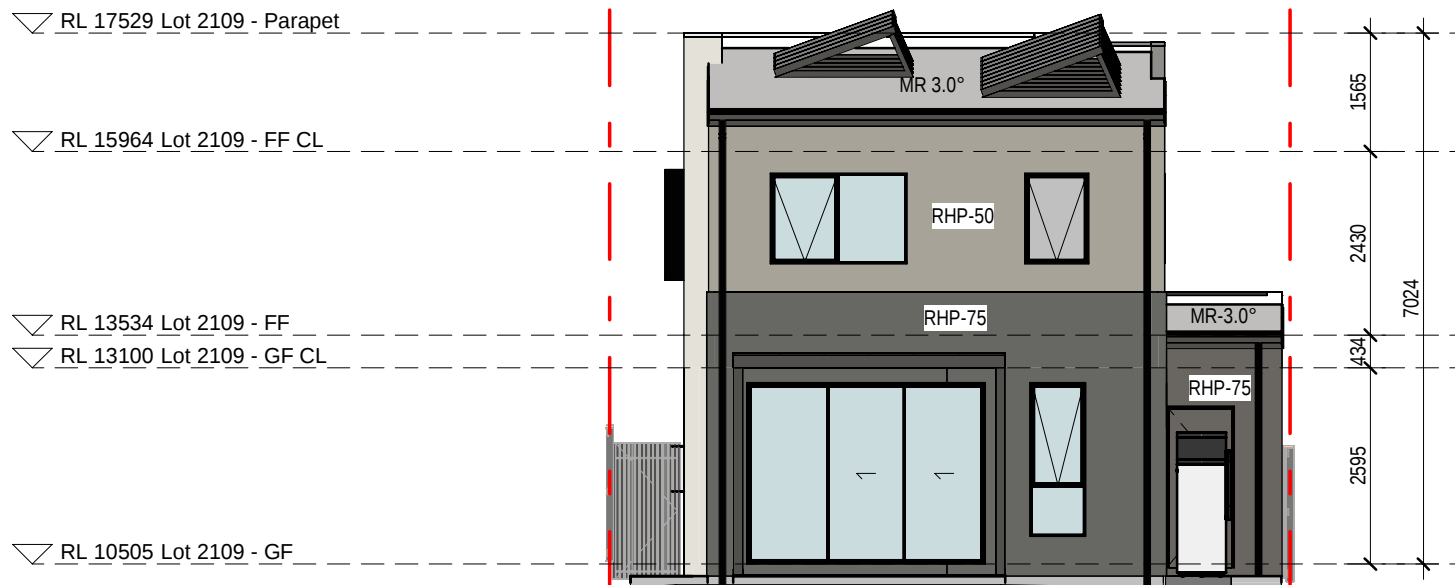
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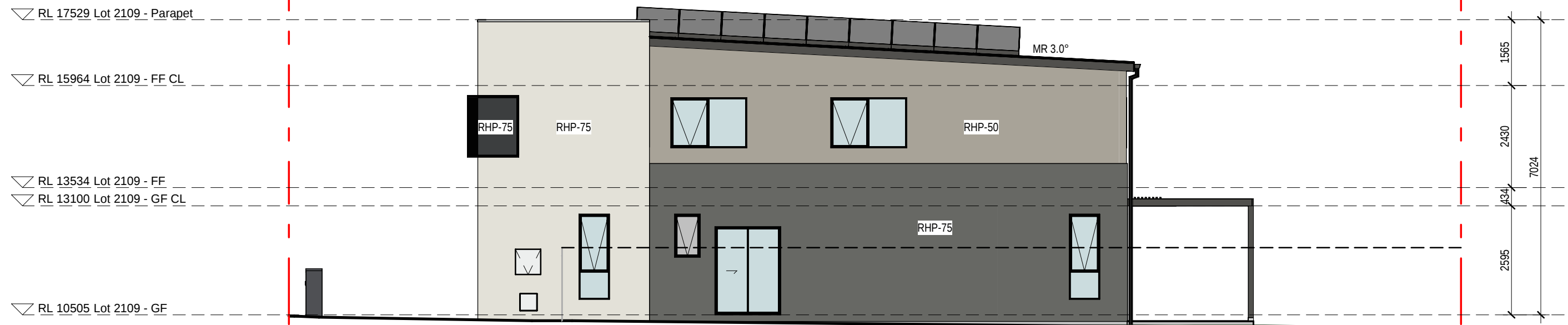
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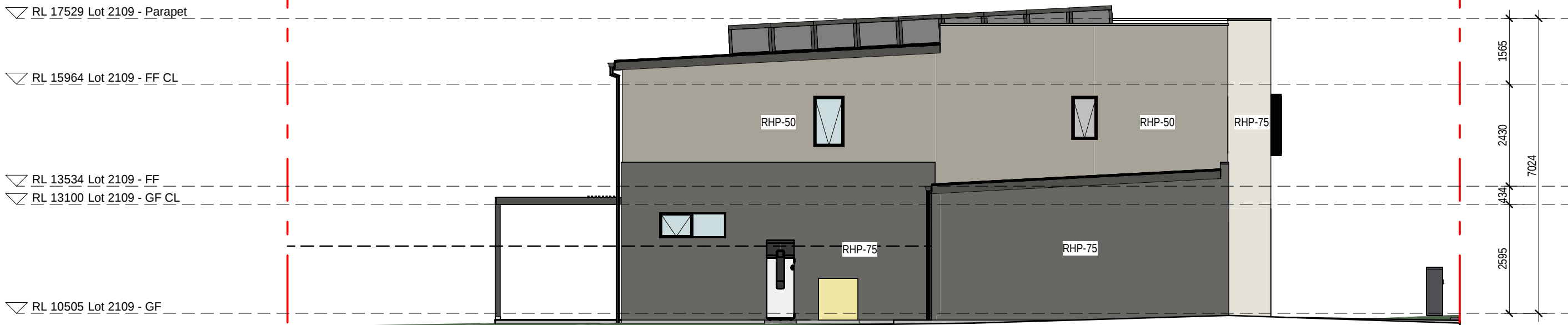
1 2109 - EAST ELEVATION
1:100



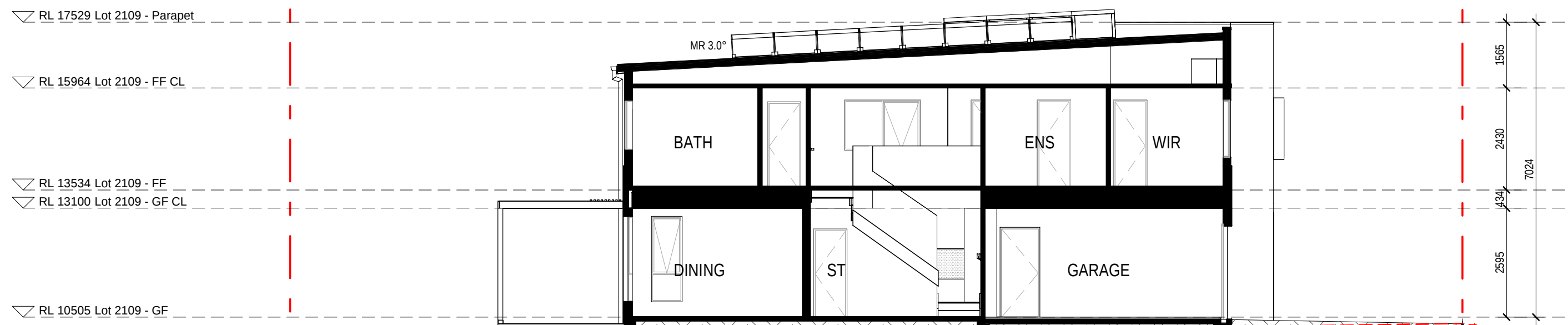
3 2109 - WEST ELEVATION
1:100



2 2109 - NORTH ELEVATION
1:100



4 2109 - SOUTH ELEVATION
1:100

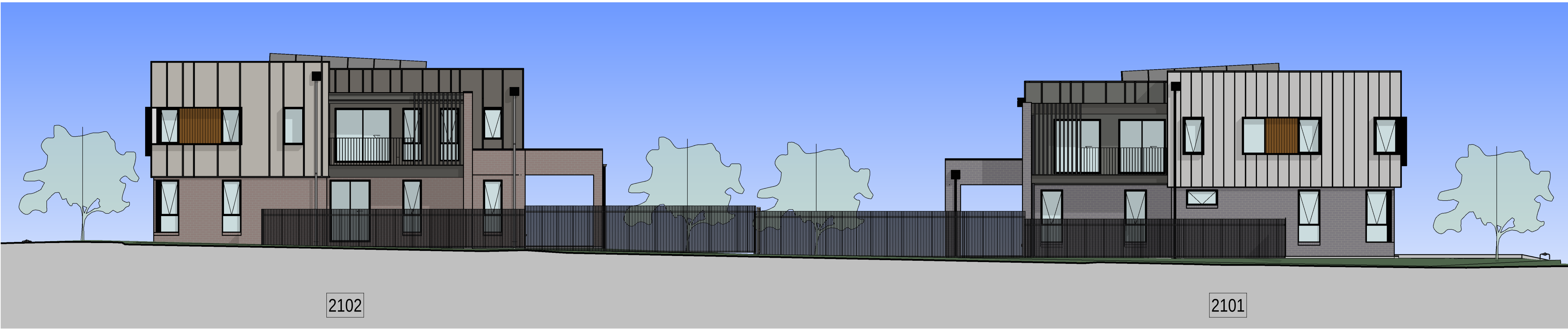


5 2109 - SECTION 1
1:100

EXTERNAL FINISHES WALL TYPE	
EXTENT OF FINISHES INDICATED ONLY. REFER TO FINISHES SCHEDULE	
FBW	FACE BRICKWORK
RHP - 75	RENDERED HEBEL PANEL 75
RHP - 50	RENDERED HEBEL PANEL 50
VB	LIGHTWEIGHT CLADDING - VERTICAL RIB
TL	TILE FEATURE CLADDING
LWC - V	LIGHT WEIGHT CLADDING - VERTICAL
LWC - H	LIGHT WEIGHT CLADDING - HORIZONTAL
LWS	RENDERED LIGHTWEIGHT SHEET CLADDING
LWS - B	PAINTED LIGHTWEIGHT SHEET CLADDING WITH FEATURE BATTENS
MC	COLORBOND METAL CLADDING
VBS	VERTICAL BLADE SCREEN
HBS	HORIZONTAL BATTEN SCREEN
ED	ENTRY DOOR
GD	GARAGE DOOR
OBSCURE WINDOWS	
	GREY SHADING TO WINDOWS INDICATES OBSCURE GLAZING
PROPOSED INTERLOT FENCE 1800mm HEIGHT	
EXISTING NATURAL SURFACE LINE	
EXISTING NATURAL SURFACE SPOT LEVEL	
ENS xxxxx	
NOTES:	
THE RLS (REDUCED LEVELS) SHOWN ON THIS DRAWING ARE SUBJECT TO A TOLERANCE OF ±300MM FROM THE FINAL CONSTRUCTED RLS.	



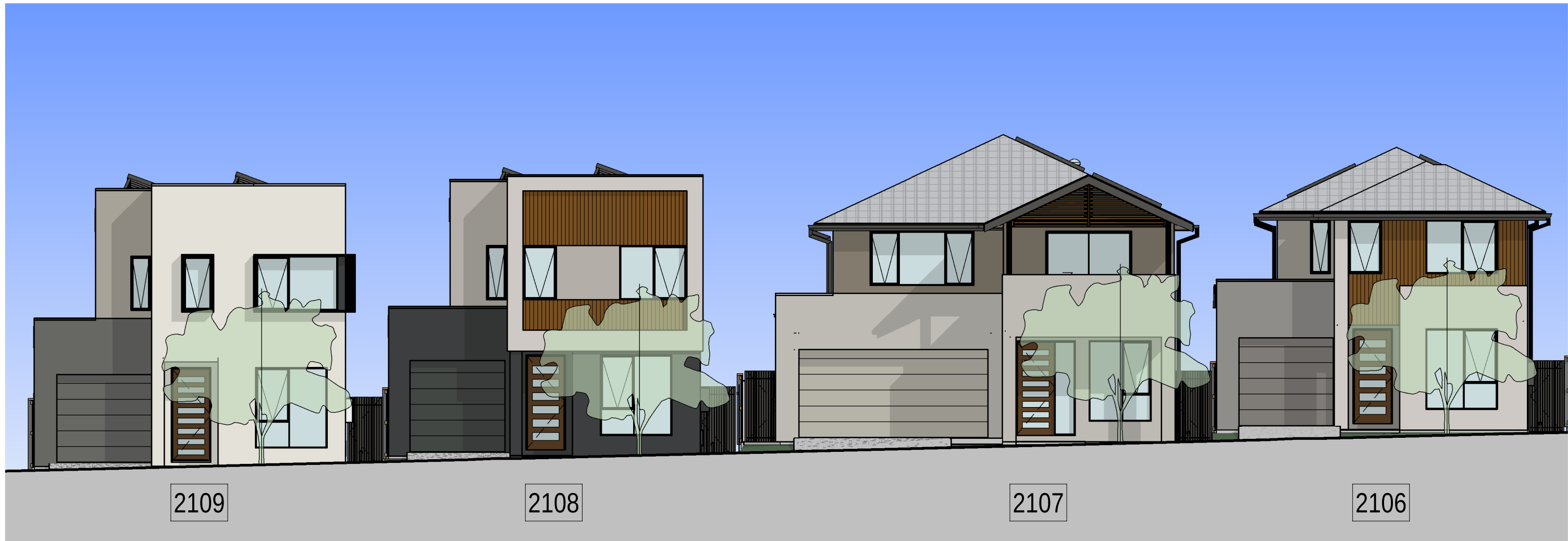
1 FRONT ELEVATION - LOT 2101
1 : 100



2 SIDE ELEVATION - LOT 2101 - 2102
1 : 100



3 FRONT ELEVATION - LOT 2102 - 2105
1 : 100



4 FRONT ELEVATION - LOT 2106 - 2109
1 : 100

12.03.26	C	RE ISSUE TO SSDA FOR APPROVAL: EXTERNAL
31.10.25	B	COLOUR & FINISHES REVISED.
08.08.25	A	ISSUE TO SSDA FOR APPROVAL
date	rev	PRELIMINARY ISSUE FOR CONSULTANT amendment

0mm

100mm

200mm

300mm

100mm

200mm

300mm



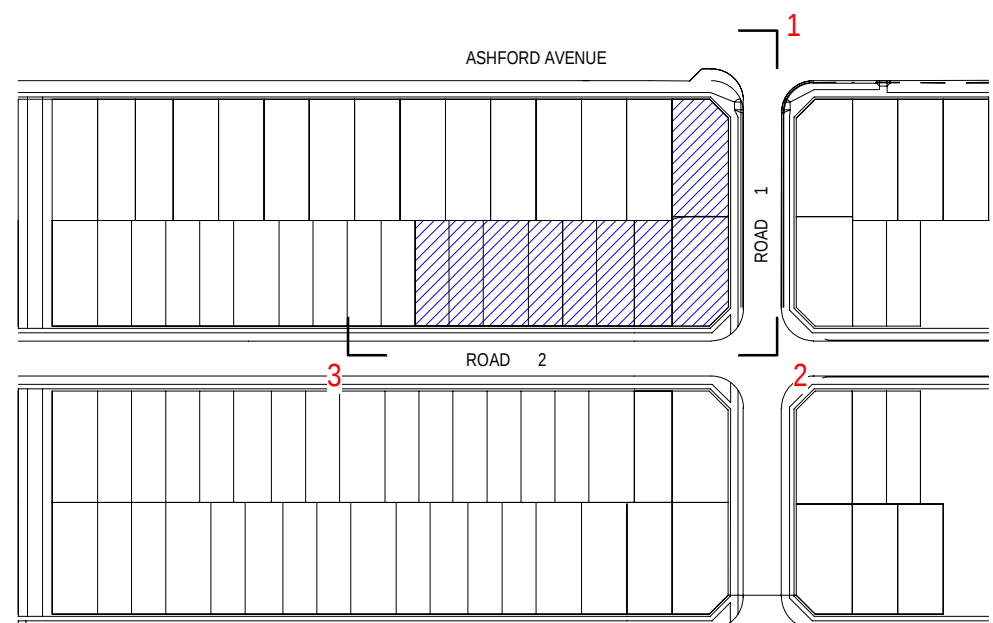
1 LOT 2101-2102



2 LOT 2102-2109



3 LOT 2102-2109



12.03.26	C	RE ISSUE TO SSQA FOR APPROVAL: EXTERNAL
31.10.25	B	COLOUR & FINISHES REVISED.
08.08.25	A	ISSUE TO SSQA FOR APPROVAL
date	rev	PRELIMINARY ISSUE FOR CONSULTANT amendment

MIRVAC DESIGN
architects
interior design
landscape design
project manager
MIRVAC Design Pty Ltd
Sydney NSW 2000
1300 666 666
ABN 70 007 959 931
MIRVAC Design Nominated Responsible Architects
Anita Verro Andrea La Chaud Neal Michael Weiner
http://www.mirvacdesign.com/mirvac-ar-ssqa

dent
mirvac

project:
KINLEA - MILPERRA (WSU)
2 Bullecourt Avenue, Milperra NSW 2214
Stage: 2 Site: 2.1 Lot: 2101-2109

title:
COLOURED PERSPECTIVES

job no: MB-10418
drawing no: S2-2.1-DA321
scale @ A1 :
date: 12.03.26 rev: C

0mm

100mm

200mm

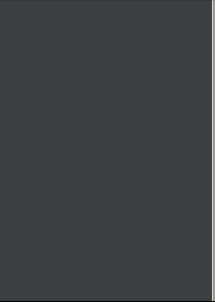
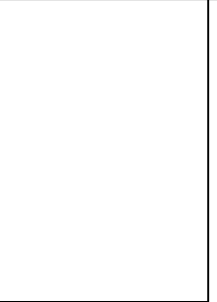
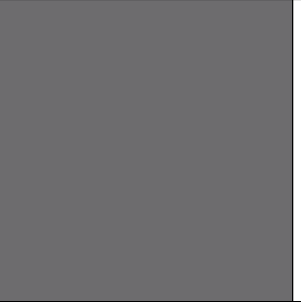
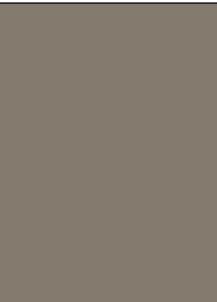
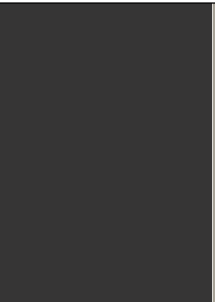
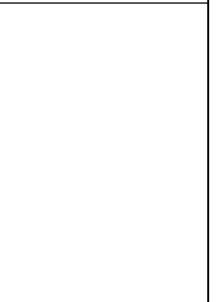
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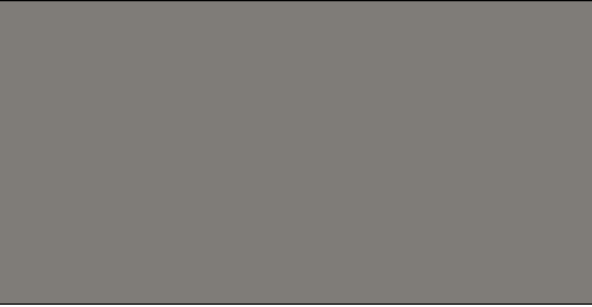
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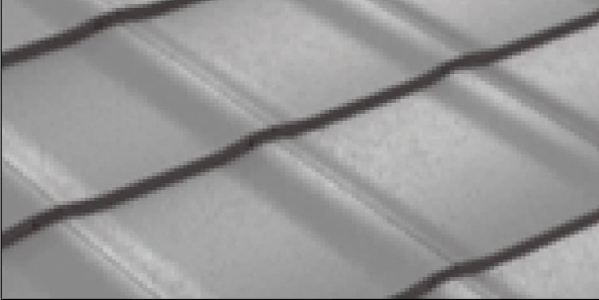
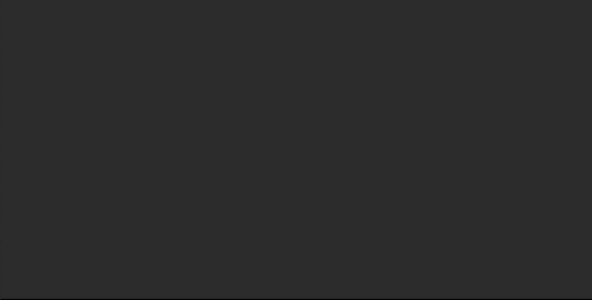
200mm

300mm

EXTERNAL FINISHES

WALL BRICK VENEER FBW : FACE BRICK WALL		WALL AUTOCLAVED AERATED CONCRETE, RENDERED RHP-75 : 75mm HEBEL PANEL, RENDERED FINISH RHP-50 : 50mm HEBEL PANEL, RENDERED FINISH LIGHTWEIGHT CLADDING LWC-H : HORIZONTAL WEATHERBOARDS LWC-V : VERTICAL BOARDS LWS-B : SHEET CLADDING WITH EXPOSED BATTENS									WALL FEATURE CLADDING TL : WALL TILES VB : VERTICAL TIMBER LOOK BATTENS MC : VERTICAL METAL RIBBED CLADDING			
	MASONRY FACE BRICK BLUE GREY		LIGHT BEIGE	GREY	LIGHT GREY	DARK BEIGE	CHARCOAL	BEIGE	BROWN			MC: LIGHT GREY / DARK GREY		
													VB: TIMBERLOOK DARK BROWN	
	MASONRY FACE BRICK BROWN GREY		LIGHT BEIGE	DARK BEIGE	LIGHT GREY	GREY	DARK CHARCOAL	BEIGE	LIGHT BROWN					

ENTRY DOOR ED : ENTRY DOOR			GARAGE DOOR GD : GARAGE DOOR				FEATURE ELEMENTS FEATURE SCREEN HBS : HORIZONTAL BATTEN SCREEN VBS : VERTICAL BATTEN SCREEN BALUSTRADES BAL : METAL BALUSTRADES METAL FEATURE ELEMENTS WINDOW & DOOR FRAMES WINDOW SHROUDS BALUSTRADE & ENTRY CANAPE FEATURE DETAIL		
				POWDERCOATED LIGHT GREY	POWDERCOATED DARK GREY	POWDERCOATED TIMBERLOOK - BROWN		HBS : TIMBERLOOK - DARK BROWN	VBS : BLACK
									
	TIMBER MID-BROWN			POWDERCOATED GREY	POWDERCOATED DARK CHARCOAL	POWDERCOATED DARK BEIGE		METAL FEATURE ELEMENTS : BLACK	

ROOFING CONCRETE ROOF TILE TR : CONCRETE ROOF TILE SRI 27.82. SA 0.74 (DARK) METAL SHEET ROOFING MR : COLORBOND METAL RIB ROOFING. SRI 66. SA 0.44 (LIGHT) RAINWATER GOODS & ROOF TRIM FASICA, GUTTER, BARGEBOARD, RAINWATER HEAD, DOWNPIPES			FENCING & RETAINING WALL		
	TR : GREY			RETAINING BLOCK WALL SPLIT FACE EARTHY NATURAL STONE	DAR VERTICAL BATTENS DARK CHARCOAL GREY
					
	MR : LIGHT GREY			RETAINING SLEEPER WALLS SANDSTONE LIGHT BEIGE	TREATED PINE TIMBER - LIGHT YELLOW

12.03.26	C	RE ISSUE TO SSQA FOR APPROVAL: EXTERNAL COLOUR & FINISHES REVISED.
31.10.25	B	ISSUE TO SSQA FOR APPROVAL
08.08.25	A	PRELIMINARY ISSUE FOR CONSULTANT
date	rev	amendment

MIRVAC DESIGN

architects

interior design

landscape design

project management

Level 20 200 George St

Sydney NSW 2000

For Office Visits

Mirvac Design Pty Ltd

ABN 70 003 959 931

Mirvac Design Nominees / Responsible Architects:

Anda Verro, Andrew La, David Hest, Michael Milner

<http://www.mirvacdesign.com/interiors-and-landscape>



project:
KINLEA - MILPERRA (WSU)
2 Bullecourt Avenue, Milperra NSW 2214
Stage: 2 Site: 2.1 Lot: 2101-2109

title:
EXTERNAL FINISHES

job no: MB-10418
drawing no: S2-2.1-DA322
scale @ A1 : NTS
date: 12.03.26 rev: C

100mm

200mm



**MIRVAC
DESIGN**

Level 28 200 George St
Sydney NSW 2000
T (2) 9080 8000

Mirvac Design Pty Ltd
ABN 78 003 359 153

architecture
urban design
interior design
graphic design

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



job no: MB-10418
drawing no: S2-2.1-DA400
scale @ A1 : 1 : 200
date: 31.10.25 rev: B



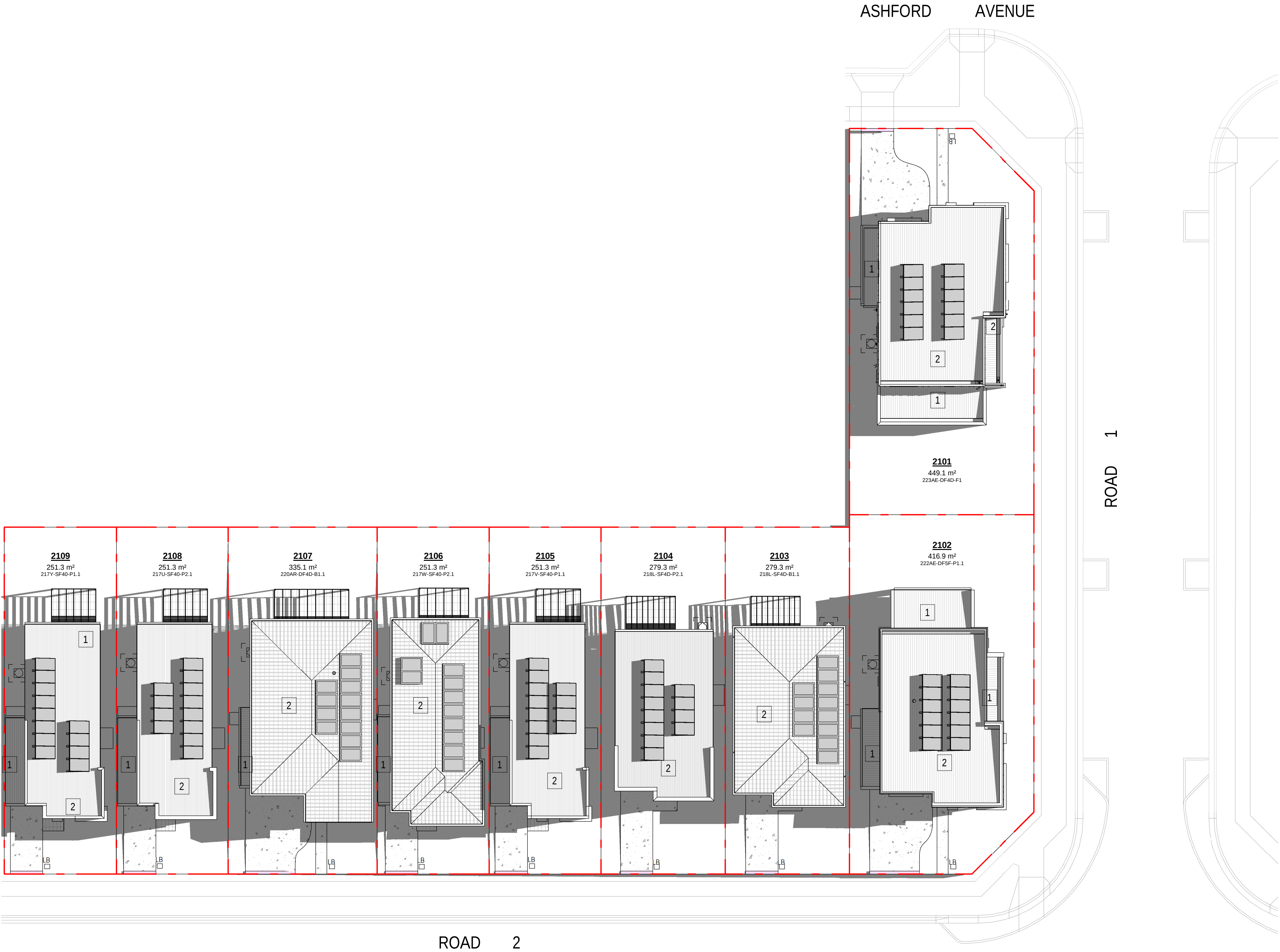
0mm 100mm 200mm 300mm

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

100mm

200mm

300mm



1 DA/Tp SHADOW PLAN - 21 JUNE - 12PM (LOT 2101-2109)
1 : 200

31.10.25
08.08.25
date

B
A
rev

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PRELIMINARY ISSUE FOR CONSULTANT
amendment

MIRVAC DESIGN
architect
urban design
interior design
landscape design
Mirvac Design Pty Ltd
ABN 70 005 959 531
Mirvac Design Nominated / Responsible Architects
Anita Verma, Andrew La, David Hest, Michael Wilson
https://www.mirvacdesign.com/our-teams-and-teams

dent
mirvac

project:
KINLEA - MILPERRA (WSU)
2 Bullecourt Avenue, Milperra NSW 2214
Stage: 2 Site: 2.1 Lot: 2101-2109

title:
**SHADOW DIAGRAM & ANALYSIS - 21
JUNE - 12PM (LOT 2101-2109)**

job no: MB-10418
drawing no: S2-2.1-DA401
scale @ A1 : 1 : 200
date: 31.10.25 rev: B



0mm

100mm

200mm

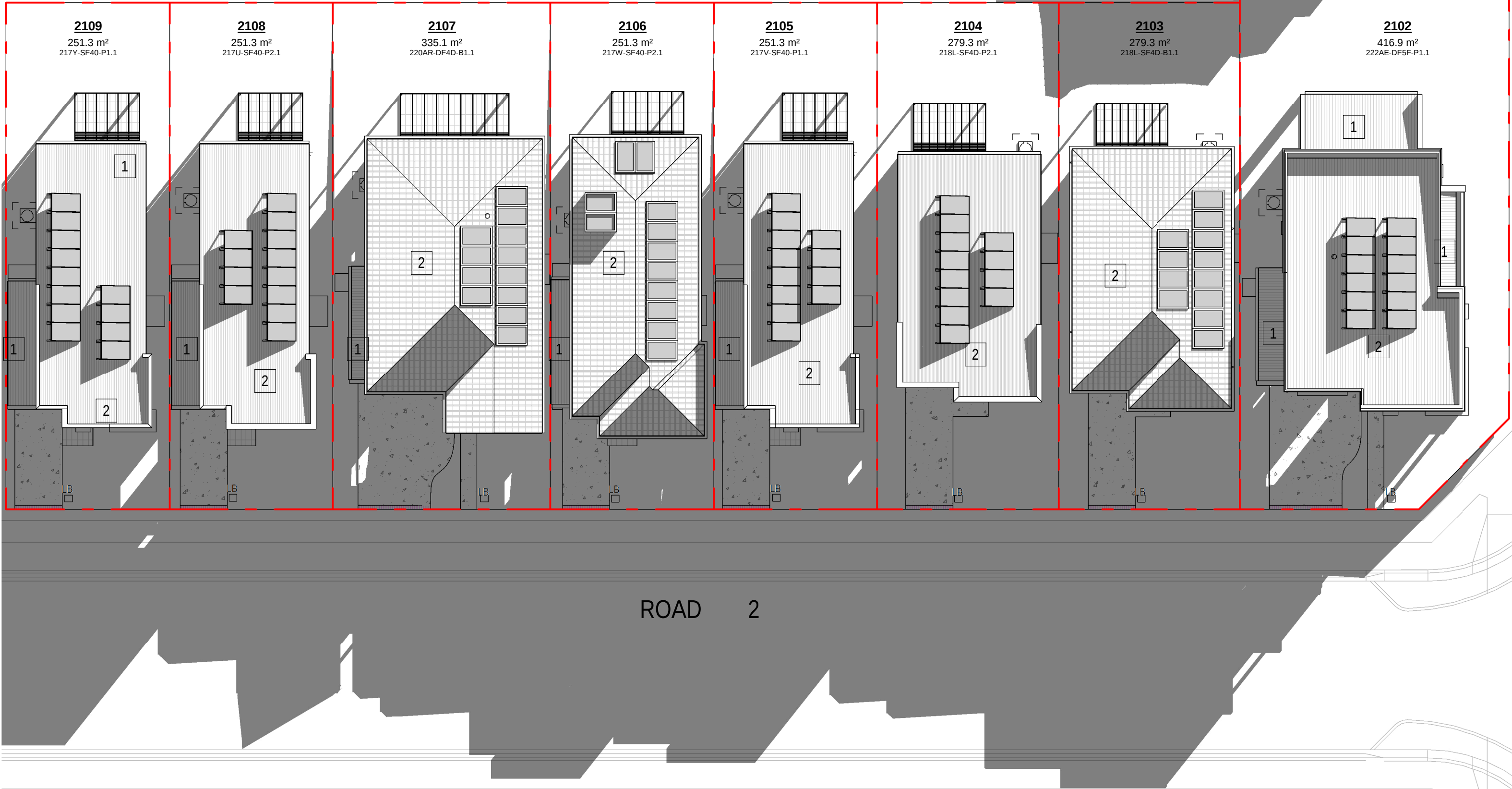
300mm

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

ASHFORD AVENUE

ROAD 1

ROAD 2



1 DA/TP SHADOW PLAN - 21 JUNE - 3PM (LOT 2101-2109)
1 : 200

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MIRVAC DESIGN
architects
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ABN 70 007 959 931
Mircvac Design Nominees / Responsible Architects
Andra Verrea Andra La Chaud-Her Michael Winkler
http://www.mirvacdesign.com/mirvacdesign/andrea

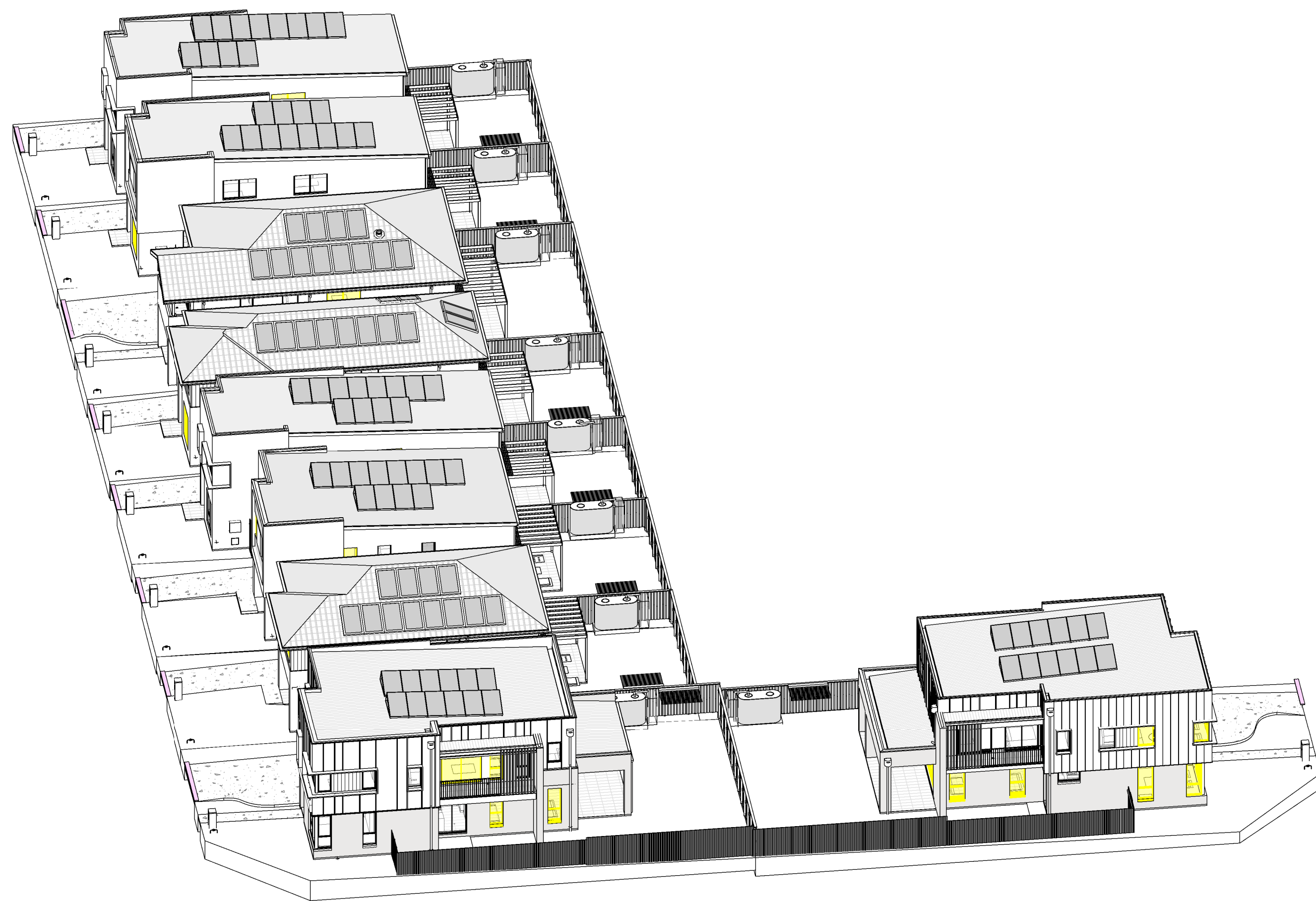


project:
KINLEA - MILPERRA (WSU)
2 Bullecourt Avenue, Milperra NSW 2214
Stage: 2 Site: 2.1 Lot: 2101-2109

title:
SHADOW DIAGRAM & ANALYSIS - 21 JUNE - 3PM (LOT 2101-2109)

job no: MB-10418
drawing no: S2-2.1-DA402
scale @ A1 : 1 : 200
date: 31.10.25 rev: B

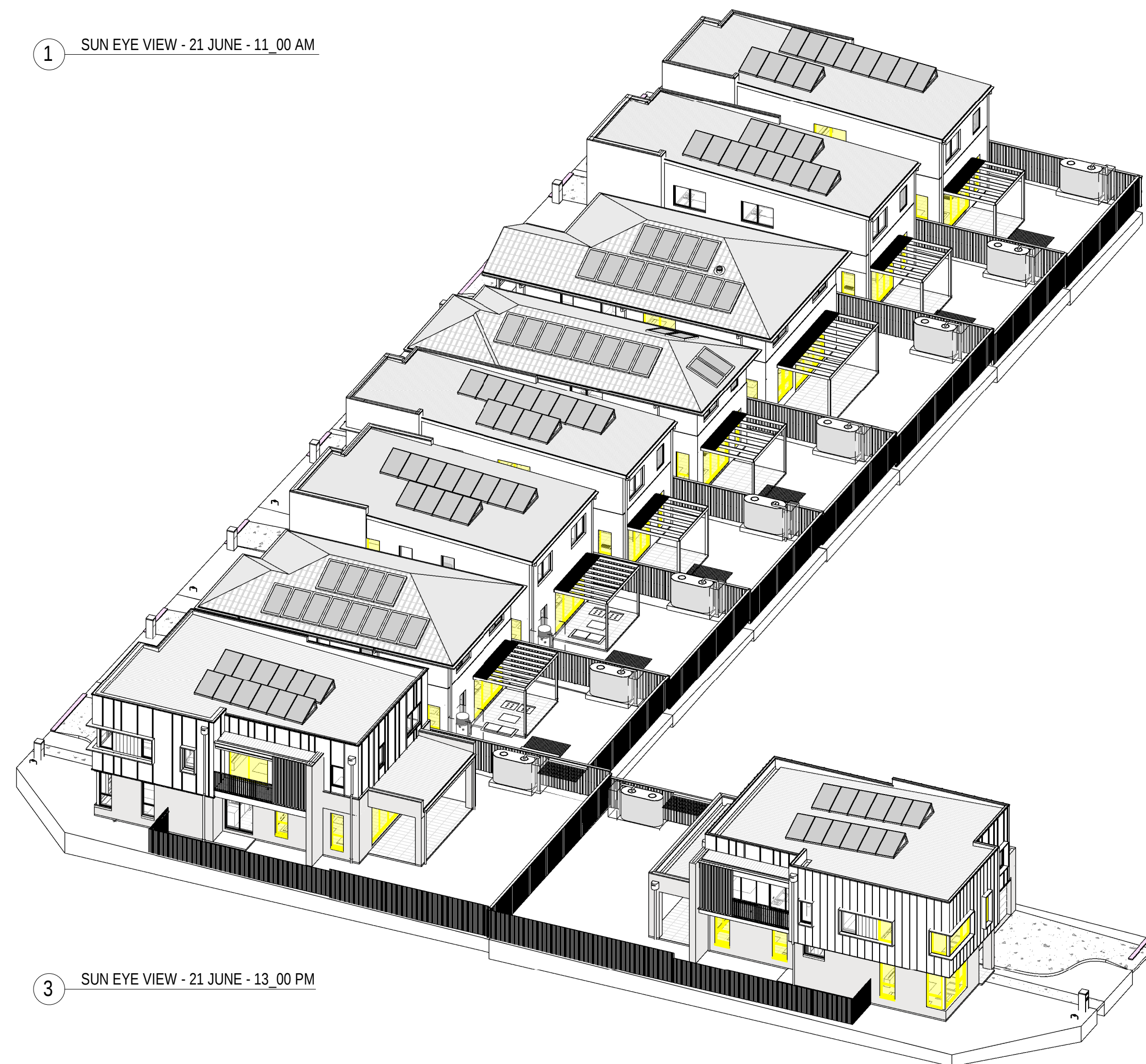




1 SUN EYE VIEW - 21 JUNE - 11_00 AM



2 SUN EYE VIEW - 21 JUNE - 12_00 PM



3 SUN EYE VIEW - 21 JUNE - 13_00 PM

0mm 100mm 200mm 300mm

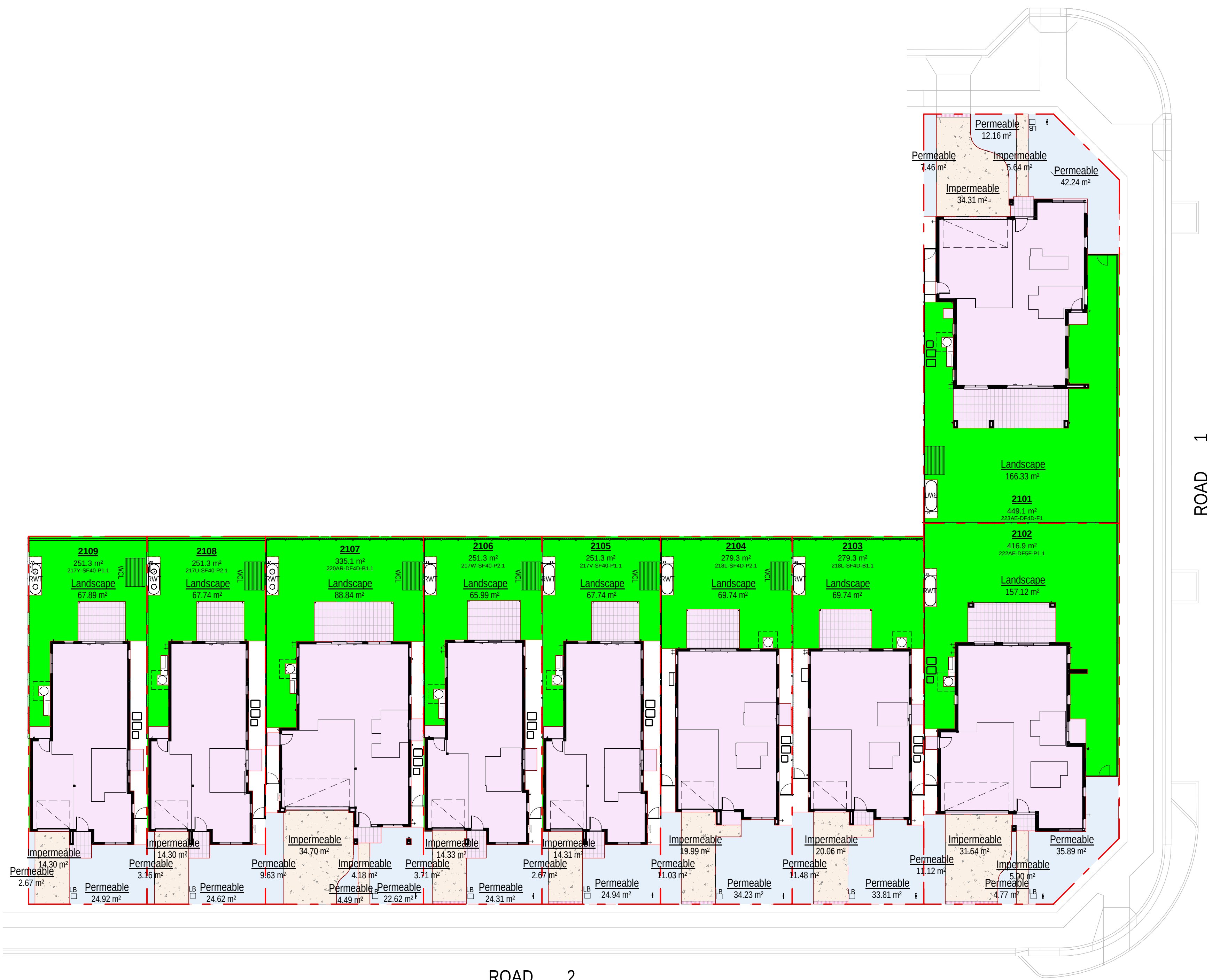
100mm

200mm

300mm

	LANDSCAPE AREA
	IMPERMEABLE AREA
	PERMEABLE AREA

ASHFORD AVENUE



1 GROUND FLOOR LOT2101-2109

LANDSCAPED AREA SCHEDULE					
Lot Number	Lot Area	Lot Landscaped Area	Landscape Area req (min 20%)	Landscaped Area Provided (Min 25% of Lot Area)	Complies
2101	449.10 m²	166.33 m²	89.82 m²	37.04%	Yes
2102	416.90 m²	157.12 m²	83.38 m²	37.69%	Yes
2103	279.30 m²	69.74 m²	55.86 m²	24.97%	Yes
2104	279.30 m²	69.74 m²	55.86 m²	24.97%	Yes
2105	251.30 m²	67.74 m²	50.26 m²	26.96%	Yes
2106	251.30 m²	65.99 m²	50.26 m²	26.26%	Yes
2107	335.10 m²	88.84 m²	67.02 m²	26.51%	Yes
2108	251.30 m²	67.74 m²	50.26 m²	26.96%	Yes
2109	251.30 m²	67.89 m²	50.26 m²	27.02%	Yes

FRONT LANDSCAPED AREA SCHEDULE - LOT 2101				
Lot Number	Front yard Area	Landscaped Front yard Area	Landscaped Front yard Area (min 45%)	Complies
2101	101.80 m²	61.85 m²	60.76%	Yes

FRONT LANDSCAPED AREA SCHEDULE				
Lot Number	Front yard Area	Landscaped Front yard Area	Landscaped Front yard Area (min 40%)	Complies
2102	88.42 m²	51.77 m²	58.55%	Yes
2103	65.18 m²	45.29 m²	69.49%	Yes
2104	65.31 m²	45.26 m²	69.30%	Yes
2105	42.30 m²	27.61 m²	65.26%	Yes
2106	42.86 m²	28.02 m²	65.37%	Yes
2107	75.77 m²	36.75 m²	48.50%	Yes
2108	42.41 m²	27.79 m²	65.52%	Yes
2109	42.23 m²	27.58 m²	65.32%	Yes

ROAD 2

ROAD 1

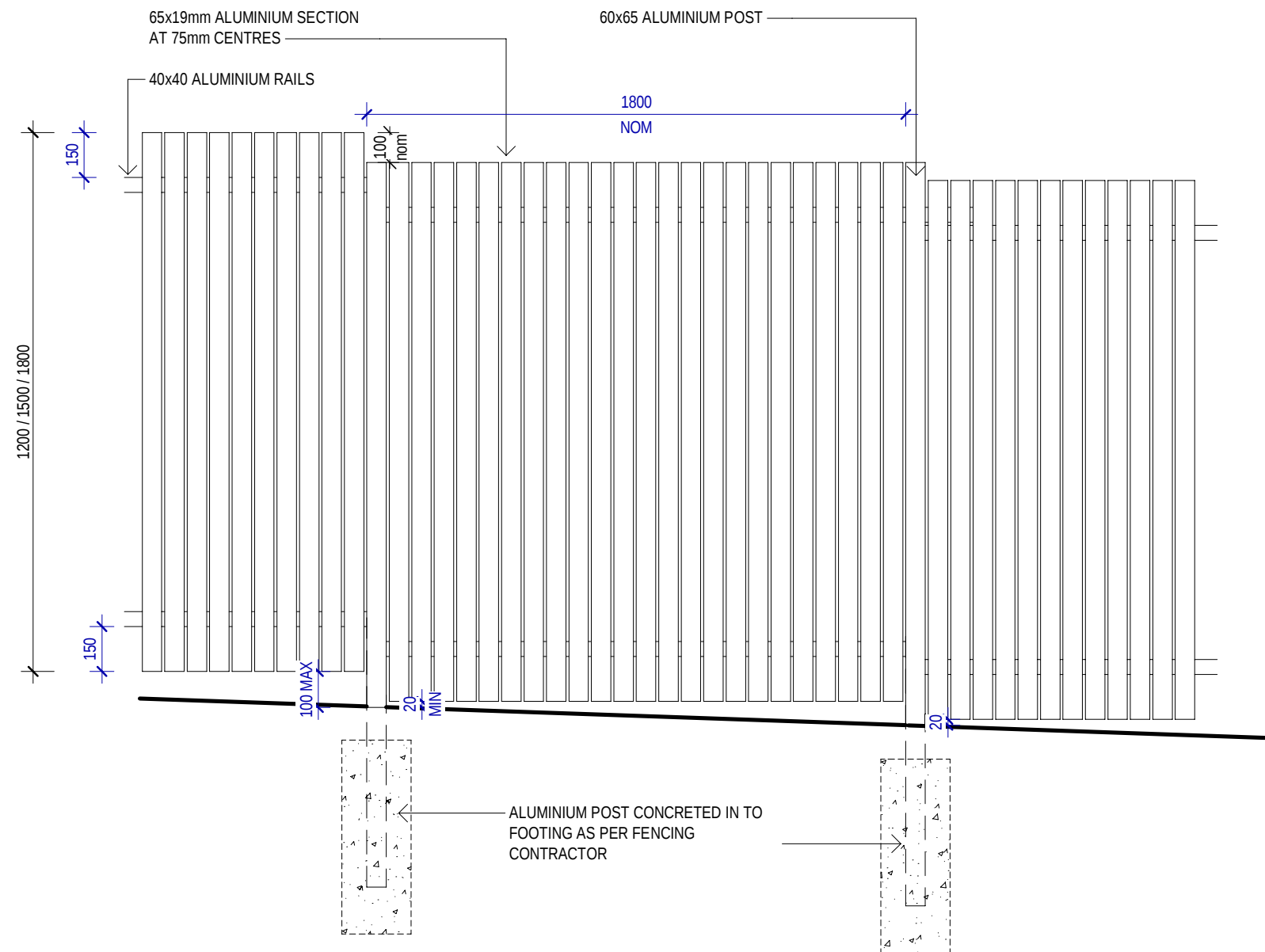


0mm
100mm
200mm
300mm

100mm

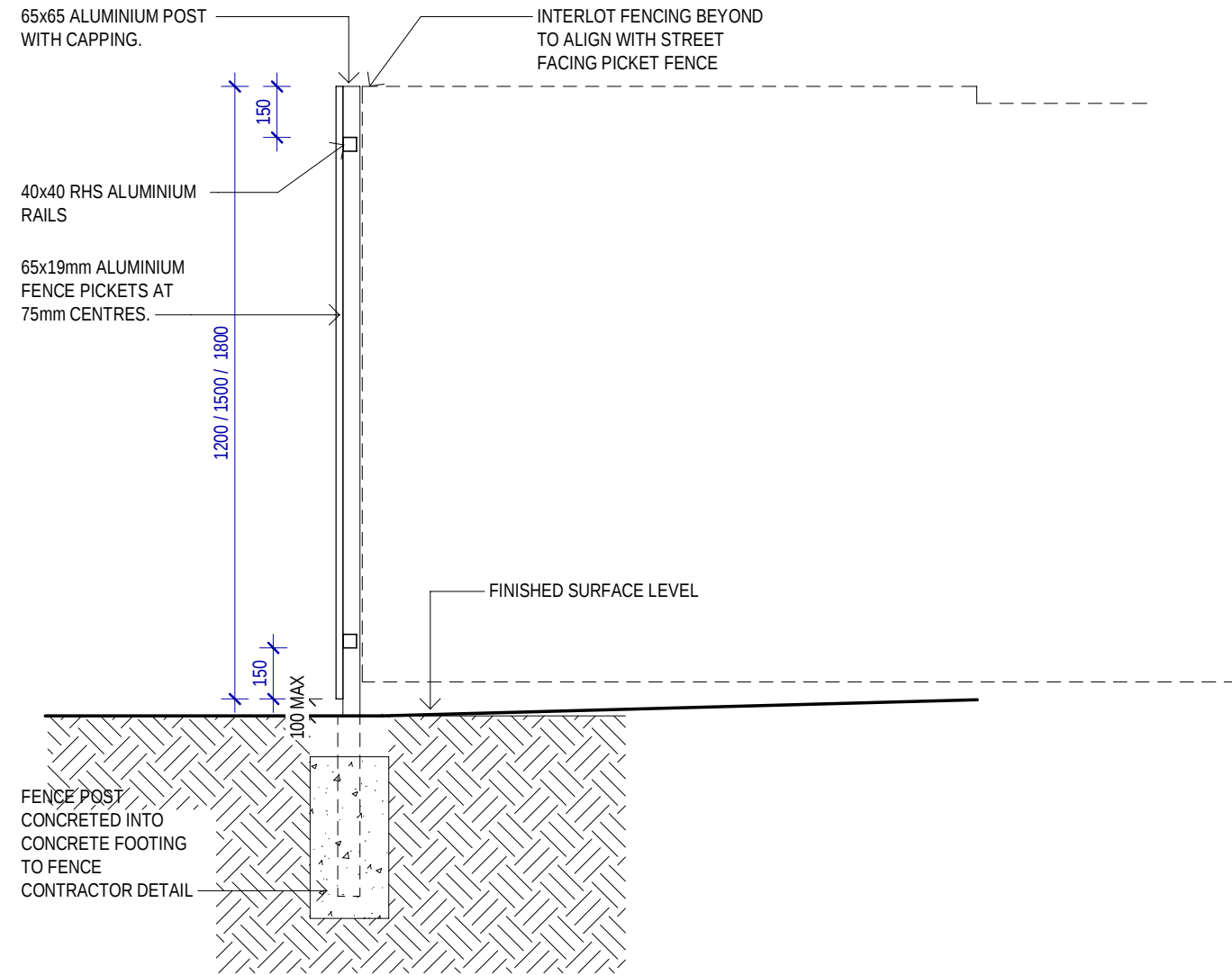
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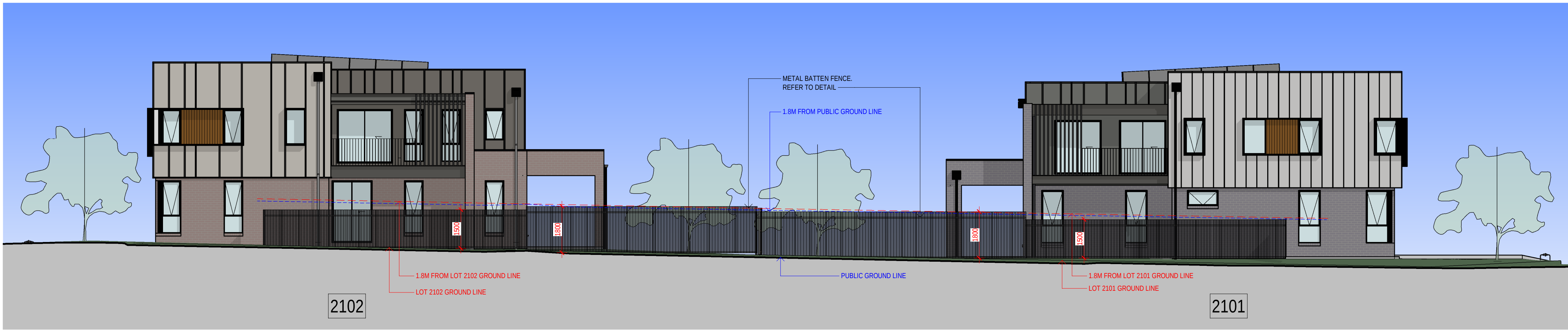


1 ELEVATION - BM-18 METAL BATTEN FENCE
1 : 20

1 ELEVATION - BM-18 METAL BATTEN FENCE



2 SECTION



3 LOT 2101 - 2102 / STREET ELEVATION BATTEN FENCE DETAILS

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