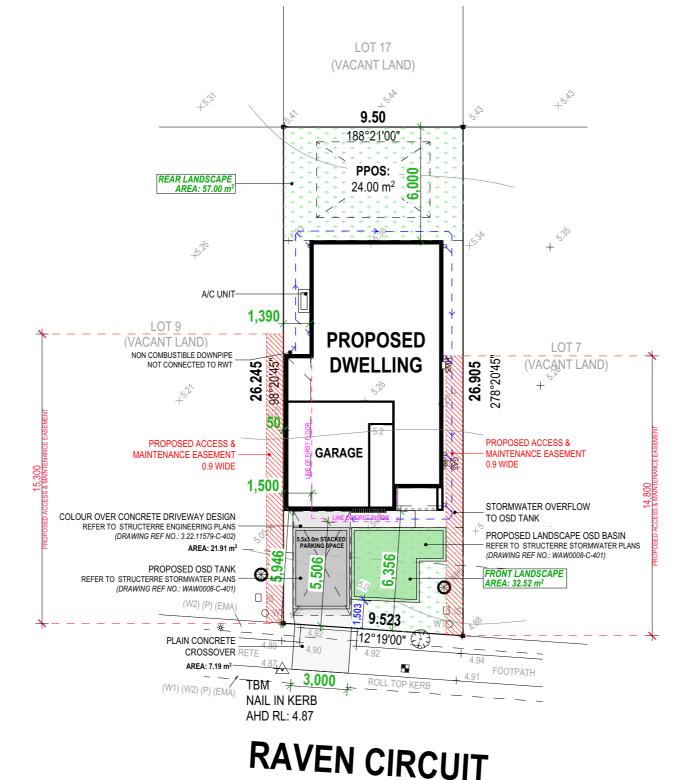
LEGEND				
	FIRE HYDRANT			
\triangle	TEMPORARY SITE LEVEL BENCHMARK			
*	ELECTRICITY LIGHT POLE			
	TITLE PEG			
ıs	SEWER INSPECTION SHAFT			
₩ мн	MANHOLE (SEWER/STORMWATER)			
О wт	WATER TAGS			



THIS PLAN IS TO BE READ IN **CONJUNCTION WITH** THE CONDITIONS OF DEVELOPMENT CONSENT

DA2023/0030







LICENSE No. 317953C MACASA P: (61) 02 9096 9109 E: admin@macasahomes.com.au LG. 6A FIGTREE DRIVE OLYMPIC PARK NSW 2127 W: www.macasahomes.com.au



16/02/23

20/02/23

20/06/23

SITE & CONCEPT STORMWATER PLAN

BUSHFIRE ASSESSMENT SITE & STORMWATER PLAN FU SHUN REALTY PTY LTD N/A VVAVVUUU FLOOD ASSESSMENT: SLAB CLASSIFICATION: DATE DRAWN: DRAWING No.: DP: 271326 | LOT 8, No.8 2/16 ARCHITECTURAL PLAN N/A H1 04/11/22 RAVEN CIRCUIT. SALINTY ASSESSMENT: DRAWN BY: REV. ID: NORTHERN BEACHES WARRIEWOOD, NSW 2102 ΑT G

SITE NOTE

- STORMWATER DRAINAGE TO OSD (SUBJECT TO HYDRAULIC ENGINEER'S REPORT IF APPLICABLE)
- 6 DOWNPIPIES TO DRAIN TO 3000L RAINWATER TANK. STORMWATER DESIGN TO COMPLY TO COUNCIL CODE & REQUIREMENTS IN ACCORDANCE WITH AS3500.3
- EXCAVATE APPROX 126mm TO FORM JOB DATUM. (DATUM POINT 385mm BELOW FINISHED FLOOR LEVEL). EXTENT OF EXCAVATION AND BATTERS TO BE CONFIRMED ON SITE.
- FINAL RIDGE AND FLOOR LEVELS ARE ACCEPTED TO VARY BY 100mm FROM THE APPROVED DOCUMENTS DUE TO CONDITIONS THAT MAY BE ENCOUNTERED ON SITE DURING BUILDING WORKS.
- ANY RETAINING WALLS REQUIRED ARE TO BE COMPLETED TO MANUFACTURER'S SPECIFICATIONS AND DETAIL.

ON-SITE DETENTION REQUIREMENTS

STORMWATER OSD REQUIREMENTS AS PER WARRIEWOOD VALLEY URBAN LAND RELEASE WATER MANAGEMENT SPECIFICATION FEBRUARY 2001 - SECTOR D.

- SITE STORAGE REQUIREMENT 9.3m³ - PSD REQUIREMENT - 3.48L/Sec
- ENGINEER PLANS AND SPECIFICATIONS PREPARED BY STRUCTERRE (REF: WAW0008-C-401) AND DRIVEWAY DESIGN (3.22.11579-C-402)

SURVEY NOTE

- LEVELS ARE TO AUSTRALIAN HEIGHT DATUM BASED ON SSM 196252 WITH A STATED VALUE OF 4.54M.
- CONTOUR INTERVALS AT 0.2 METRES.
- -BOUNDARIES ARE UNFENCED UNLESS NOTED OTHERWISE.
- THE LOCATIONS OF SURFACE PITS, VALVE COVERS ETC. SHOWN HEREON HAVE BEEN DETERMINED BY THIS SURVEY. NO
- DIRECT KNOWLEDGE IS CLAIMED OF THE LOCATION OF UNDERGROUND SERVICES. - PRIOR TO ANY EXCAVATION OR CONSTRUCTION, THE RELEVANT
- AUTHORITY SHOULD BE CONTACTED TO LOCATE POSSIBLE UNDERGROUND SERVICES. - ADJOINING PROPERTY INFORMATION IS A COMBINATION OF
- GROUND MEASUREMENT AND INTERPRETATION OF AERIAL IMAGERY
- DATE OF SURVEY: 08/09/2022
- EMA: EASEMENT FOR MAINTENANCE ACCESS (VARIABLE WIDTH ENTIRE LOT)
- P: POSITIVE COVENANT (DP1282811)
- W1: EASEMENT FOR WATER SUPPLY PURPOSES 2.5 WIDE
- W1: EASEMENT FOR ACCESS AND DRAINAGE PURPOSES VARIABLE WIDTH (DP1282811) CALCULATIONS - DA-CC

OALOULATIONO - DA-CO					
SITE AREA: 252.4m ²	REQUIRED	ACHIEVED			
FLOOR SPACE RATIO MAX ALLOWABLE	N/A	N/A			
SITE COVERAGE MAX ALLOWABLED	N/A	N/A			
LANDSCAPED AREA MIN 4m WIDE	35% (88.34m²)	35.4% (89.52m²)			
PRINCIPLE PRIVATE OPEN SPACE MIN 4m WIDE	20m²	24m²			

HOUSE AREAS				
AREA NAME	AREA m2			
1. GROUND FLOOR	76.08			
2. FIRST FLOOR	97.56			
3. GARAGE	32.96			
4. PORCH	2.98			
	209.58 m ²			

INTERNAL LEGGINANEA			
		AREA m2	
1. GROUND FLOOR	}	68.71	
2. FIRST FLOOR	85.05		
		153.76 m²	
WIND CLASSIFICATION:	LODGEMENT:	PROJECT ID :	
_	DA-CC	WAWNONS	

INTERNAL FLOOR AREA

(W2) (P) (EMA)

REV. | HOUSE TYPE:

IVY 23

MODERN II

FACADE:

GARAGE

SG

PLANS AMENDED AS PER

COUNCIL'S EMAIL DATED

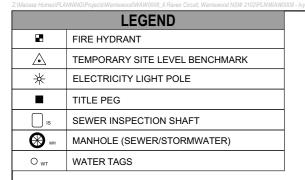
STORMWATER OSD &

DRIVEWAY DESIGN BY

STRUCTERRE + EASEMENT

LANDSCAPE AREA <4m EXCL.

08/02/23





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BEFORE YOU DIG

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DA2023/0030



LOT 7

(VACANT LAND)

PROPOSED LANDSCAPE OSD BASIN REFER TO STRUCTERRE STORMWATER PLANS

(DRAWING REF NO.: WAW0008-C-401)

FOOTPATH

26.905 278°20'45"

MAX CUT 126

WASTE BIN AND STOCK

WC PILE AREA

ROLL TOP KERB

12°19'00"

RAVEN CIRCUIT

(W2) (P) (EMA)

FL 5.605

BL 5.220

GFL 5.520

A/C UNIT-

20.45 20.45 20.45

₩

NAIL IN KERB AHD RL: 4.87

LOT 9

(VACANT LAND)

COLOUR OVER CONCRETE DRIVEWAY DESIGN

REFER TO STRUCTERRE ENGINEERING PLANS (DRAWING REF NO.: 3.22.11579-C-402)

REFER TO STRUCTERRE STORMWATER PLANS (DRAWING REF NO.: WAW0008-C-401)

ARFA: 21.91 m²

PROPOSED OSD TANK

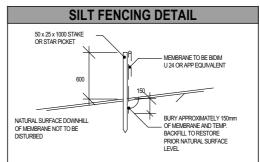
STABILIZED VEHICLE

ACCESS POINT

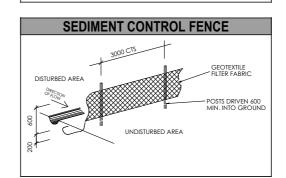
PLAIN CONCRETE CROSSOVER RETE

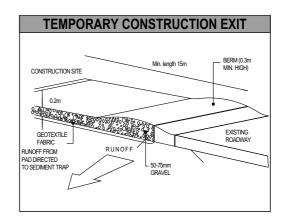
(W1) (W2) (P) (EMA)

AREA: 7.19 m²⁻



STRAW BALE BARRIER





SITE WORKS PLAN

SURVEY NOTE - LEVELS ARE TO AUSTRALIAN HEIGHT DATUM BASED ON SSM

SITE NOTE

STORMWATER DRAINAGE TO OSD (SUBJECT TO HYDRAULIC

EXCAVATE APPROX 126mm TO FORM JOB DATUM. (DATUM

POINT 385mm BELOW FINISHED FLOOR LEVEL). EXTENT OF

FINAL RIDGE AND FLOOR LEVELS ARE ACCEPTED TO VARY BY

100mm FROM THE APPROVED DOCUMENTS DUE TO CONDITIONS

THAT MAY BE ENCOUNTERED ON SITE DURING BUILDING WORKS

ANY RETAINING WALLS REQUIRED ARE TO BE COMPLETED TO

ON-SITE DETENTION REQUIREMENTS

STORMWATER OSD REQUIREMENTS AS PER WARRIEWOOD VALLEY JRBAN LAND RELEASE WATER MANAGEMENT SPECIFICATION

EXCAVATION AND BATTERS TO BE CONFIRMED ON SITE.

6 DOWNPIPIES TO DRAIN TO 3000L RAINWATER TANK. STORMWATER DESIGN TO COMPLY TO COUNCIL CODE &

REQUIREMENTS IN ACCORDANCE WITH AS3500.3

MANUFACTURER'S SPECIFICATIONS AND DETAIL.

ENGINEER PLANS AND SPECIFICATIONS PREPARED BY

STRUCTERRE (REF: WAW0008-C-401) AND DRIVEWAY DESIGN

NGINEER'S REPORT IF APPLICABLE)

196252 WITH A STATED VALUE OF 4.54M. - CONTOUR INTERVALS AT 0.2 METRES. -BOUNDARIES ARE UNFENCED UNLESS NOTED OTHERWISE.

THE LOCATIONS OF SURFACE PITS, VALVE COVERS ETC. SHOWN HEREON HAVE BEEN DETERMINED BY THIS SURVEY. NO DIRECT KNOWLEDGE IS CLAIMED OF THE LOCATION OF UNDERGROUND SERVICES.

PRIOR TO ANY EXCAVATION OR CONSTRUCTION, THE RELEVANT AUTHORITY SHOULD BE CONTACTED TO LOCATE POSSIBLE UNDERGROUND SERVICES.

- ADJOINING PROPERTY INFORMATION IS A COMBINATION OF GROUND MEASUREMENT AND INTERPRETATION OF AERIAL IMAGERY.

- DATE OF SURVEY: 08/09/2022

FEBRUARY 2001 - SECTOR D. SITE STORAGE REQUIREMENT - 9.3m³

(3.22.11579-C-402)

PSD REQUIREMENT - 3 48L/Sec

EMA: EASEMENT FOR MAINTENANCE ACCESS (VARIABLE WIDTH ENTIRE LOT)

P: POSITIVE COVENANT (DP1282811)

W1: EASEMENT FOR WATER SUPPLY PURPOSES 2.5 WIDE

W1: EASEMENT FOR ACCESS AND DRAINAGE PURPOSES VARIABLE WIDTH (DP1282811)

CALCULATIONS - DA-CC				
E AREA: 252.4m ²	REQUIRED	ACHIEV		

SITE AREA: 252.4m ²	REQUIRED	ACHIEVED
FLOOR SPACE RATIO MAX ALLOWABLE	N/A	N/A
SITE COVERAGE MAX ALLOWABLED	N/A	N/A
LANDSCAPED AREA MIN 4m WIDE	35% (88.34m²)	35.4% (89.52m²)
PRINCIPLE PRIVATE OPEN SPACE MIN 4m WIDE	20m²	24m²

HOUSE AREAS				
AREA NAME	AREA m2			
1. GROUND FLOOR	76.08			
2. FIRST FLOOR	97.56			
3. GARAGE	32.96			
4. PORCH	2.98			

INTERNAL FLOOR AREA				
	AREA m2			
1. GROUND FLOOR	68.71			
2. FIRST FLOOR	85.05			
	153 76 m ²			

DA-CC

209.58 m²

PROJECT ID:

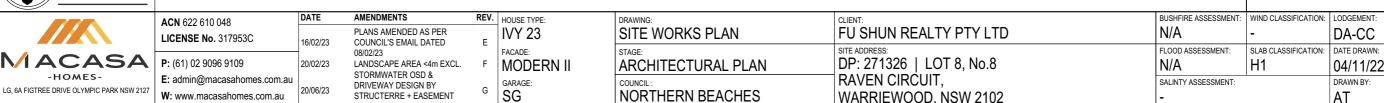
DRAWING No.

3/16

REV. ID:

WAW0008

G



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PROPOSED DRIVEWAY LONGITUDINAL SECTION - SECTION 'A'

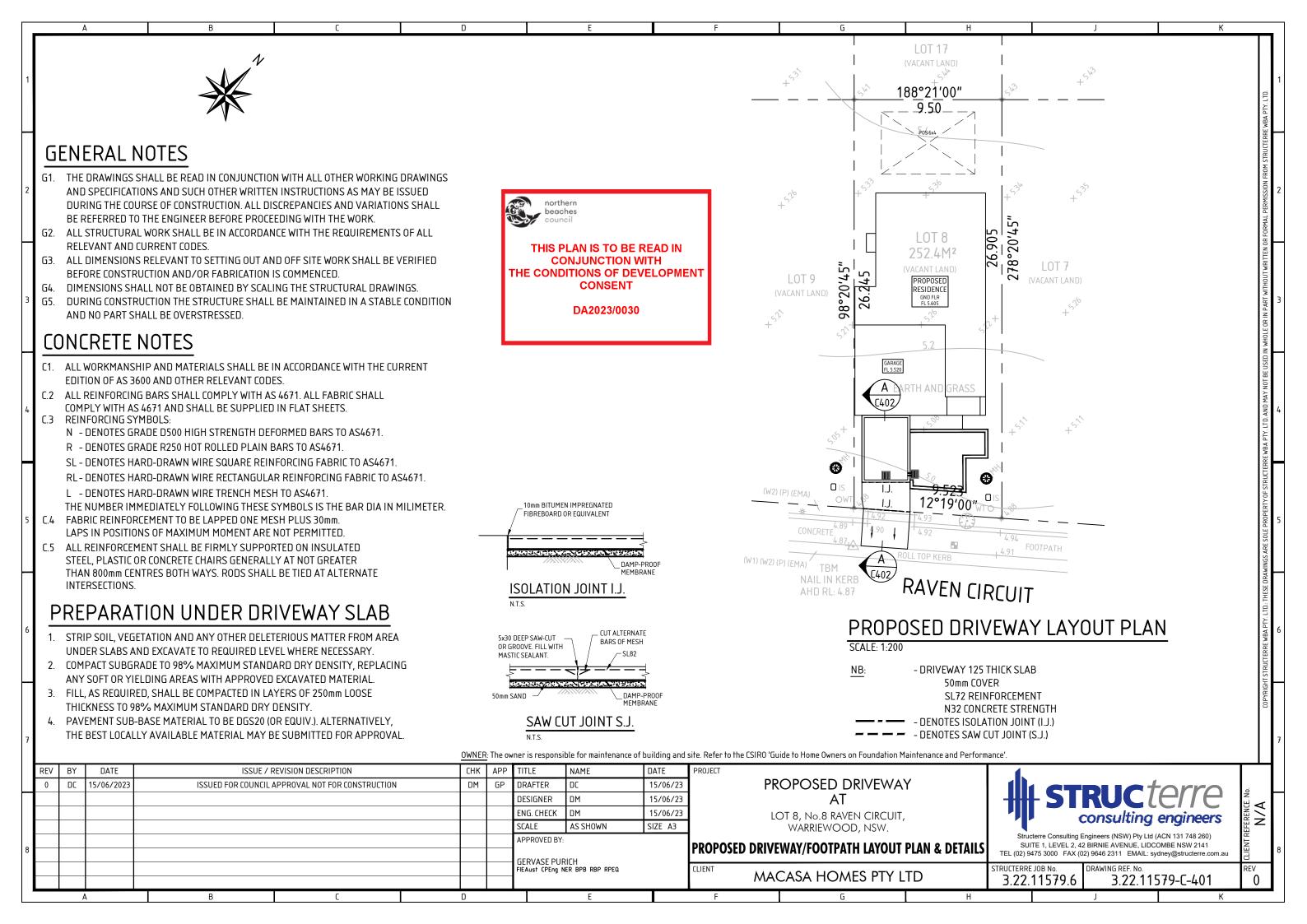
DRIVEWAY DESIGN PREPARED BY STRUCTURRE DRAWING REF. NO. 3.22.11579-C-402



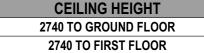
THIS PLAN IS TO BE READ IN
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THE CONDITIONS OF DEVELOPMENT
CONSENT



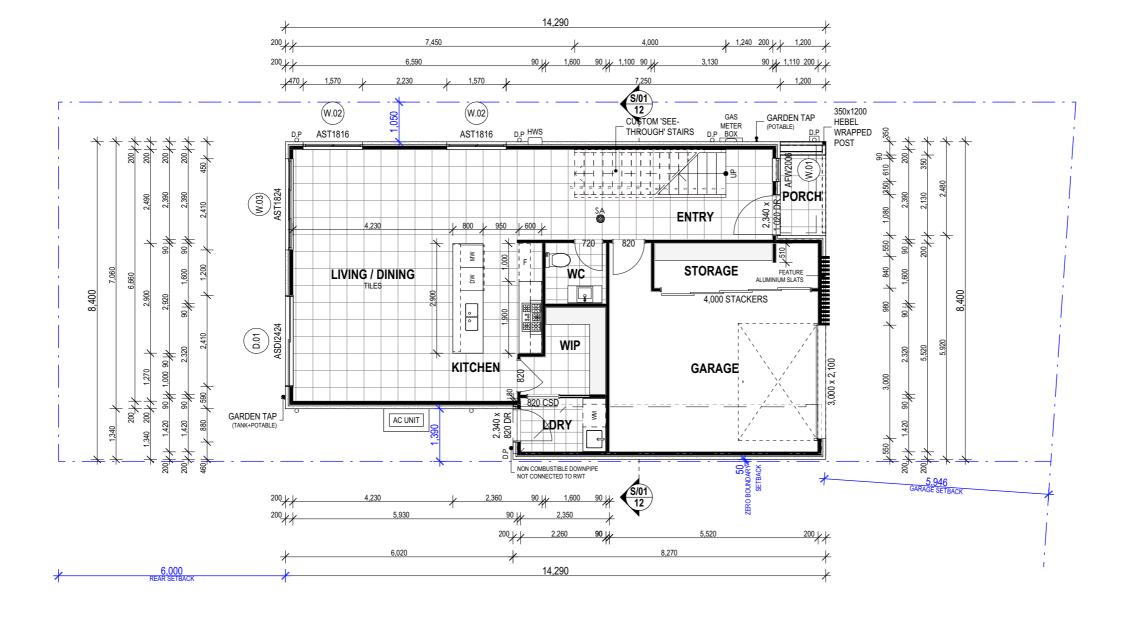
ACN 622 610 048	DATE	AMENDMENTS	REV.	HOUSE TYPE:	DRAWING:	CLIENT:	BUSHFIRE ASSESSMENT:	WIND CLASSIFICATION:	LODGEMENT:	PROJECT ID :
LICENSE No. 217052C	16/02/23	PLANS AMENDED AS PER COUNCIL'S EMAIL DATED	F	IVY 23	DRIVEWAY SECTION	FU SHUN REALTY PTY LTD	N/A	-	DA-CC	WAW0008
	10/02/23	08/02/23			STAGE:	SITE ADDRESS:	FLOOD ASSESSMENT:	SLAB CLASSIFICATION:		DRAWING No.:
P : (61) 02 9096 9109	20/02/23	LANDSCAPE AREA <4m EXCL.	F	MODERN II	ARCHITECTURAL PLAN	DP: 271326 LOT 8, No.8	N/A	H1	04/11/22	4/16
E: admin@macasahomes.com.au		STORMWATER OSD & DRIVEWAY DESIGN BY		GARAGE:	COUNCIL:	RAVEN CIRCUIT,	SALINTY ASSESSMENT:		DRAWN BY:	REV. ID:
W: www.macasahomes.com.au	20/06/23	STRUCTERRE + EASEMENT	G	SG	NORTHERN BEACHES	WARRIEWOOD, NSW 2102	-		AT	G



GROUND FLOOR PLAN



NOTES





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CONSENT

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пυ	US	E A	KE	А

AREA NAME	AREA m2
1. GROUND FLOOR	76.08
2. FIRST FLOOR	97.56
3. GARAGE	32.96
4. PORCH	2.98
	209 58 m²

INTERNAL FLOOR AREA

	AREA m2
1. GROUND FLOOR	68.71
2. FIRST FLOOR	85.05
	153.76 m²

ROUF AREA							
PITCH AREA m2							
10.00°	12.88						
12.50°	116.16						
	129.04 m²						



5.2

0008340853 22 Dec 2022

hstar.com.au

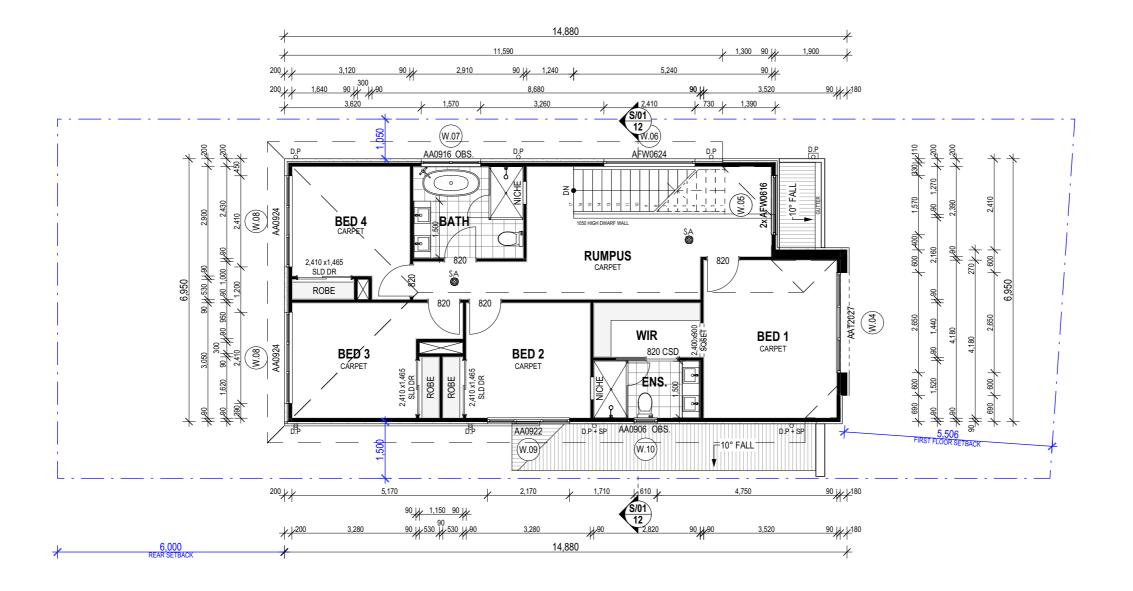
										129.04 m	-	
ACN	622 610 048	DATE	AMENDMENTS	REV.	HOUSE TYPE:	DRAWING:	CLIENT:	BUSHFIRE ASSESSMENT:	WIND CLASSIFICATION:	LODGEMENT:	PROJECT ID :	
	NCE No. 2470520		16/02/23	PLANS AMENDED AS PER COUNCIL'S EMAIL DATED	F	IVY 23	GROUND FLOOR PLAN	FU SHUN REALTY PTY LTD	N/A	-	DA-CC	WAW0008
		10/02/20	08/02/23	-	FACADE:				SLAB CLASSIFICATION:	DATE DRAWN:	DRAWING No.:	
P: (6	1) 02 9096 9109	20/02/23	LANDSCAPE AREA <4m EXCL.	F	MODERN II	ARCHITECTURAL PLAN	DP: 271326 LOT 8, No.8	N/A	H1	04/11/22	9/16	
E: ad	min@macasahomes.com.au				GARAGE:	COUNCIL:	RAVEN CIRCUIT,	SALINTY ASSESSMENT:		DRAWN BY:	REV. ID:	
⁷ W : w	ww.macasahomes.com.au	20/06/23	STRUCTERRE + EASEMENT	G	SG	NORTHERN BEACHES	WARRIEWOOD, NSW 2102	-		AT	G	

FIRST FLOOR PLAN



2740 TO GROUND FLOOR 2740 TO FIRST FLOOR

NOTES





THIS PLAN IS TO BE READ IN CONJUNCTION WITH THE CONDITIONS OF DEVELOPMENT CONSENT

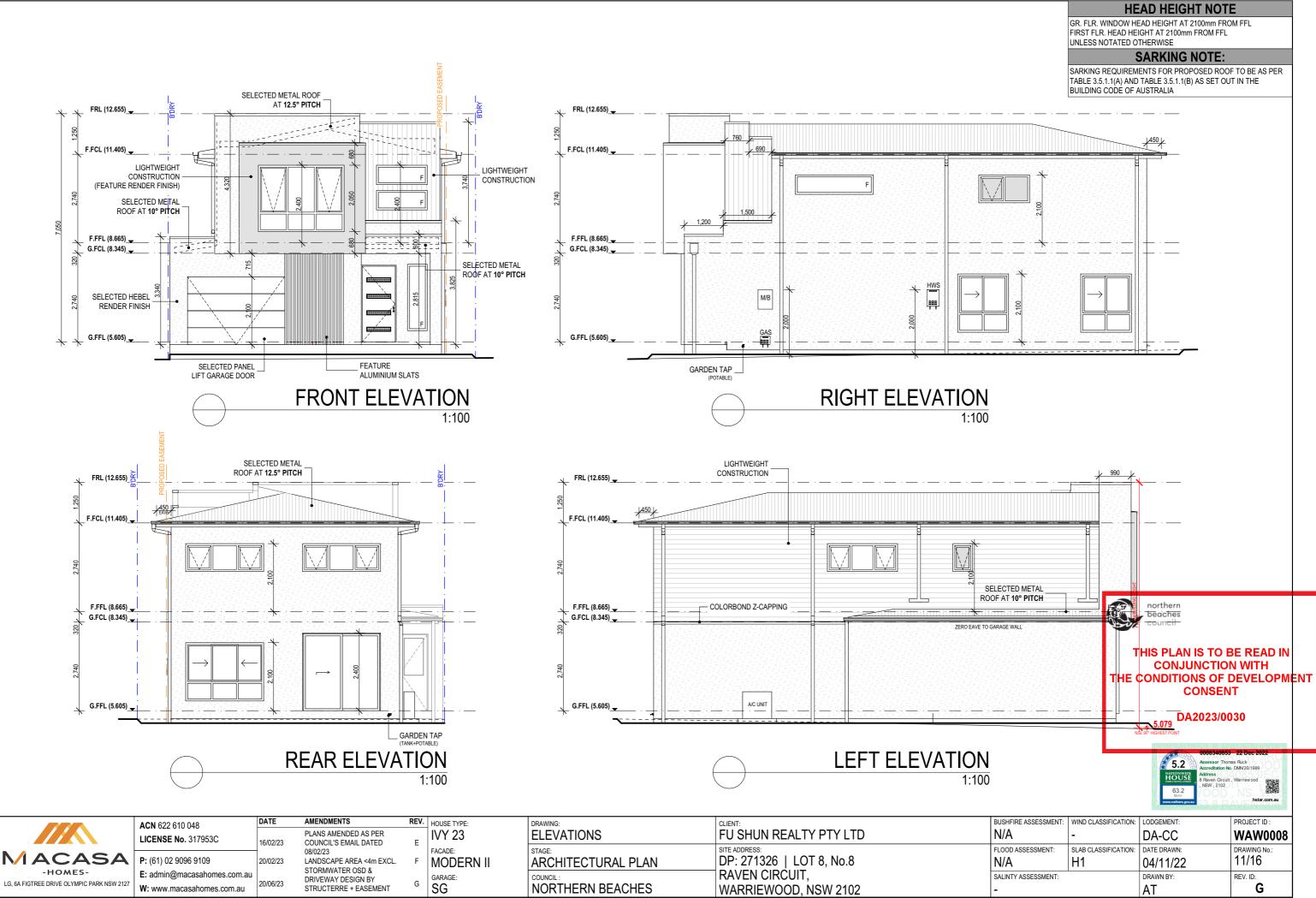
HOUSE AREA								
AREA NAME	AREA m2							
1. GROUND FLOOR	76.08							
2. FIRST FLOOR	97.56							
3. GARAGE	32.96							
4. PORCH	2.98							
	209.58 m²							

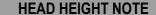
INTERNAL FLOOR AREA								
AREA								
. GROUND FLOOR	68.71							
. FIRST FLOOR	85.05							
	153.76 m²							

ROOF AREA							
PITCH	AREA m2						
10.00°	12.88						
12.50°	116.16						
	129.04 m²						



										129.04 m²	
	ACN 622 610 048	DATE	AMENDMENTS	REV.	HOUSE TYPE:	DRAWING:	CLIENT:	BUSHFIRE ASSESSMENT:	WIND CLASSIFICATION:	LODGEMENT:	PROJECT ID :
	LICENSE No. 317953C	16/02/23	PLANS AMENDED AS PER COUNCIL'S EMAIL DATED	F	IVY 23	FIRST FLOOR PLAN	FU SHUN REALTY PTY LTD	N/A	-	DA-CC	WAW0008
MACASA	, ,	20/02/23	08/02/23 LANDSCAPE AREA <4m EXCL. STORMWATER OSD &	F	FACADE: MODERN II	ARCHITECTURAL PLAN	DP: 271326 LOT 8, No.8	FLOOD ASSESSMENT: N/A	SLAB CLASSIFICATION: H1	DATE DRAWN: 04/11/22	DRAWING No.: 10/16
LO CA FIOTREE PRIVE OLVMBIO DARK NOW 2427	E: admin@macasahomes.com.au W: www.macasahomes.com.au	20/06/23	DRIVEWAY DESIGN BY STRUCTERRE + EASEMENT	G	GARAGE: SG		RAVEN CIRCUIT, WARRIEWOOD, NSW 2102	SALINTY ASSESSMENT:		DRAWN BY:	REV. ID:

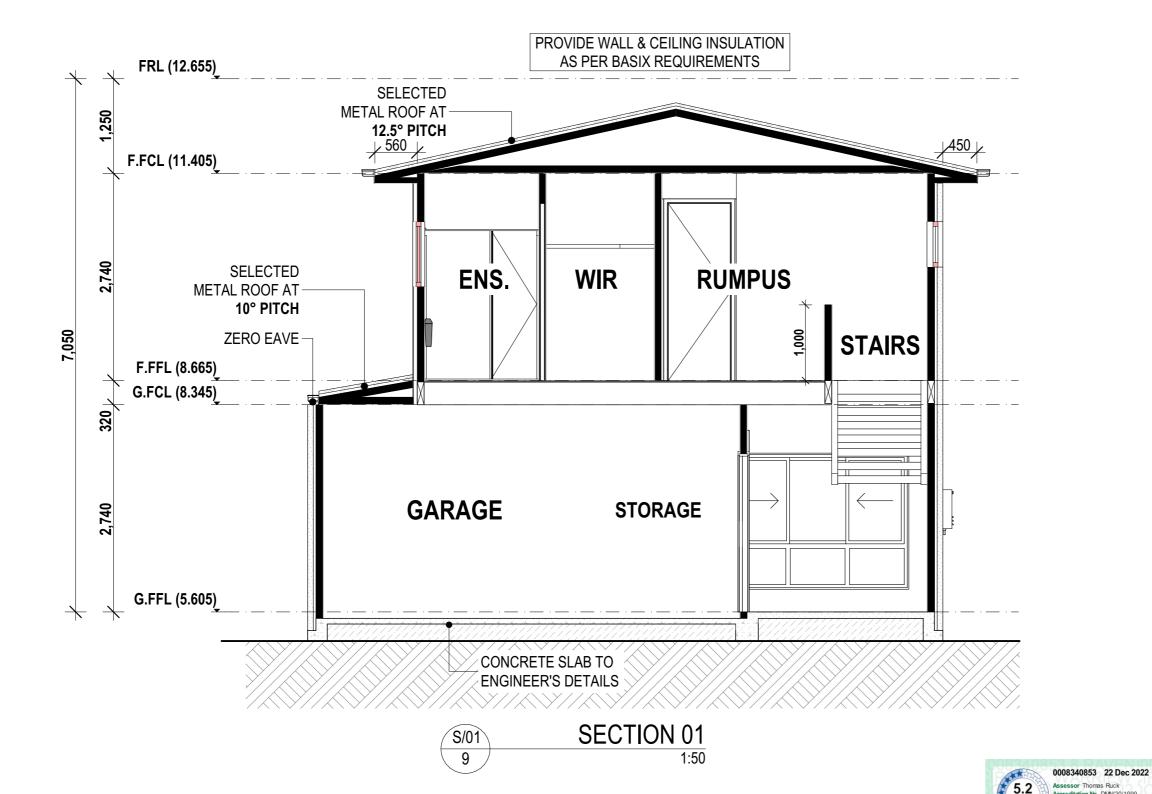




GR. FLR. WINDOW HEAD HEIGHT AT 2100mm FROM FFL FIRST FLR. HEAD HEIGHT AT 2100mm FROM FFL UNLESS NOTATED OTHERWISE

SARKING NOTE:

SARKING REQUIREMENTS FOR PROPOSED ROOF TO BE AS PER TABLE 3.5.1.1(A) AND TABLE 3.5.1.1(B) AS SET OUT IN THE BUILDING CODE OF AUSTRALIA

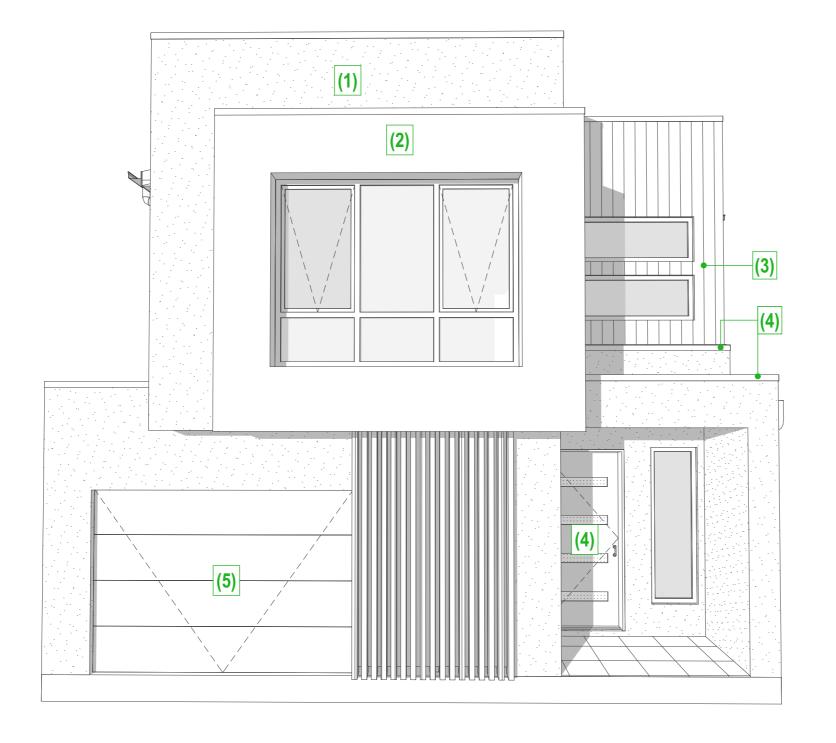




THIS PLAN IS TO BE READ IN CONJUNCTION WITH THE CONDITIONS OF DEVELOPMENT CONSENT



	ACN 622 610 048	DATE	AMENDMENTS	REV.	HOUSE TYPE:	DRAWING:	CLIENT:	l	WIND CLASSIFICATION:	LODGEMENT:	PROJECT ID :
	LICENCE No. 2470E2C	16/02/23	PLANS AMENDED AS PER COUNCIL'S EMAIL DATED	F	IVY 23	SECTION	FU SHUN REALTY PTY LTD	N/A	-	DA-CC	WAW0008
		10/02/20	08/02/23	_	FACADE:	STAGE:		FLOOD ASSESSMENT:	SLAB CLASSIFICATION:	DATE DRAWN:	DRAWING No.:
	P : (61) 02 9096 9109	20/02/23	LANDSCAPE AREA <4m EXCL.	F	MODERN II	ARCHITECTURAL PLAN	DP: 271326 LOT 8, No.8	N/A	H1	04/11/22	12/16
	E: admin@macasahomes.com.au	00/00/00	STORMWATER OSD & DRIVEWAY DESIGN BY	•	GARAGE:	COUNCIL:	RAVEN CIRCUIT,	SALINTY ASSESSMENT:		DRAWN BY:	REV. ID:
2127	W: www.macasahomes.com.au	20/06/23	STRUCTERRE + EASEMENT	G	SG	NORTHERN BEACHES	WARRIEWOOD, NSW 2102	-		AT	, G







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CONSENT





ACN 622 610 048	DATE	AMENDMENTS			DRAWING:	CLIENT:	BUSHFIRE ASSESSMENT:	WIND CLASSIFICATION:		PROJECT ID :
LICENSE No. 317953C	16/02/23	PLANS AMENDED AS PER COUNCIL'S EMAIL DATED	F	IVY 23	COLOUR SELECTION	FU SHUN REALTY PTY LTD	N/A	-	DA-CC	WAW0008
	10/02/25	08/02/23	-		STAGE:	SITE ADDRESS:	FLOOD ASSESSMENT:	SLAB CLASSIFICATION:		DRAWING No.:
P: (61) 02 9096 9109	20/02/23	LANDSCAPE AREA <4m EXCL.	F	MODERN II	ARCHITECTURAL PLAN	DP: 271326 LOT 8, No.8	N/A	H1	04/11/22	14/16
E: admin@macasahomes.com.au		STORMWATER OSD & DRIVEWAY DESIGN BY	_		COUNCIL:	RAVEN CIRCUIT,	SALINTY ASSESSMENT:		DRAWN BY:	REV. ID:
W: www.macasahomes.com.au	20/06/23	STRUCTERRE + EASEMENT	G	SG	NORTHERN BEACHES	WARRIEWOOD, NSW 2102	-		AT	G