

HILLAM ARCHITECTS SPEAKER SERIES EVENT

30.08.17

THE PEOPLE BEHIND THE PROJECTS

COLLABORATIONS WITH OUR CLIENTS

OUR TEAM

SO FAR



ME



JAIME



CLAIRE



YANG YANG



LOUISE

FIRST PROJECT -- 2009
BECAME A FULL-TIME VENTURE -- 2011
FIRST EMPLOYEE (YANG YANG) -- 2013
CURRENT TEAM -- SINCE 2016
meetBRIEF MEMBER -- SINCE 2016

meet

BRIEF

AND US

HANDFUL OF MEETINGS SO FAR
CLIENTS LOOKING TO START A NEW PROJECT
MET ON SITE
PROVIDED A FEE PROPOSAL
SOME PROMISING
GREAT TO GET PAID FOR THAT FIRST MEETING :-)
GREAT MECHANISM

OUR 50sqm

THE MOST IMPORTANT TABLE IS AT THE FRONT



OUR COLLABORATORS

TRUE VISIONARIES



MACDONALD ROAD

DOWN-SIZER



MACDONALD ROAD

DOWN-SIZER



ADAM + KERRY MASON

KIDS HAVE MOVED OUT

YET RETURN OCCASIONALLY

RECENTLY SOLD FAMILY HOME

LOOKING FOR SOMETHING SMALLER

“ICONIC”

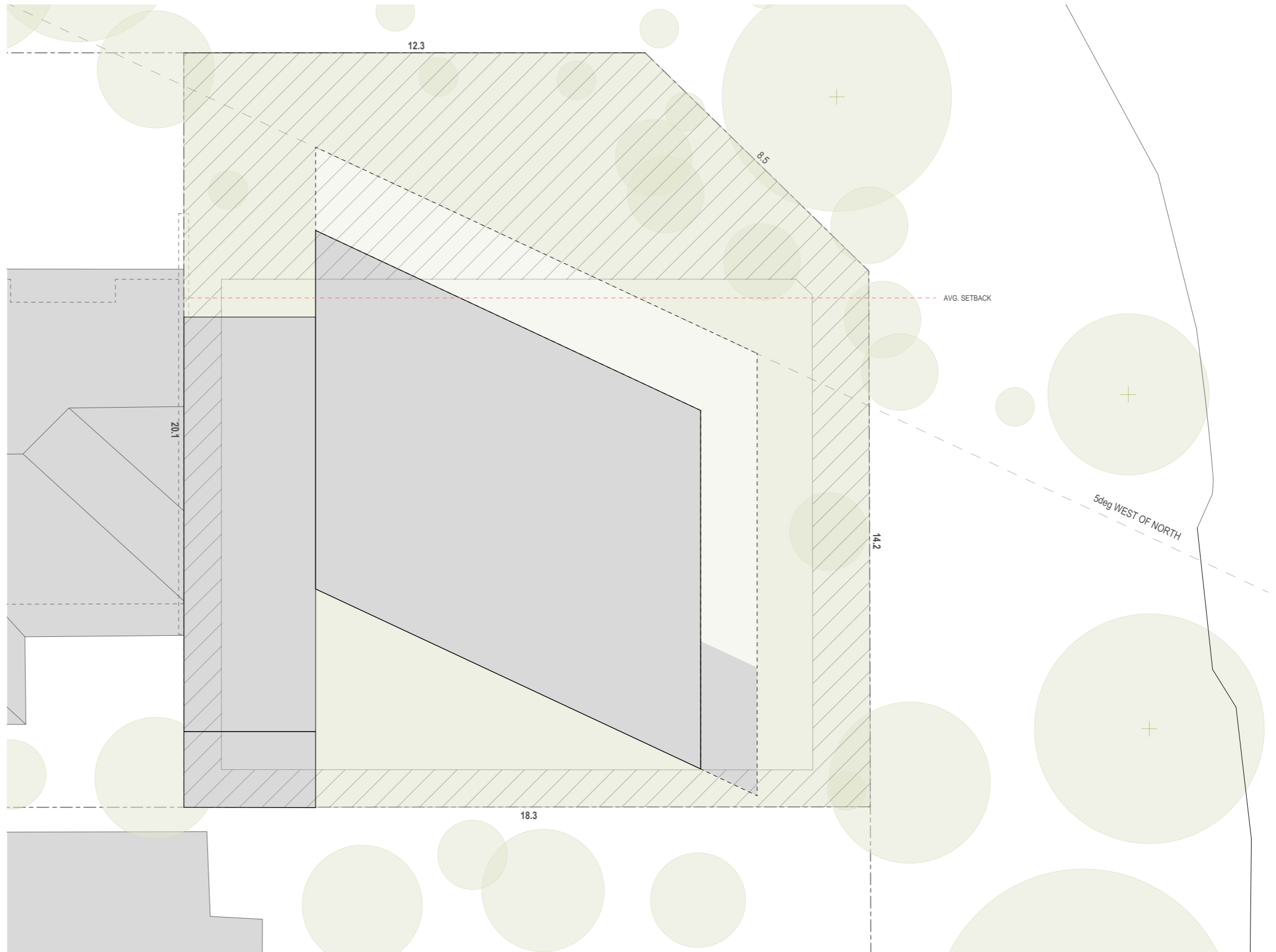
SOLAR-PASSIVE

FUTURE-PROOF (SELF-SUFFICIENT GROUND FLOOR)

ADAM: TECHNICALLY FOCUSSED; WELL-RESEARCHED; KNOWS WHAT HE WANTS.

KERRY: IS LOVING THE DESIGN JOURNEY; MATERIAL, LIGHT VOLUME + GARDEN





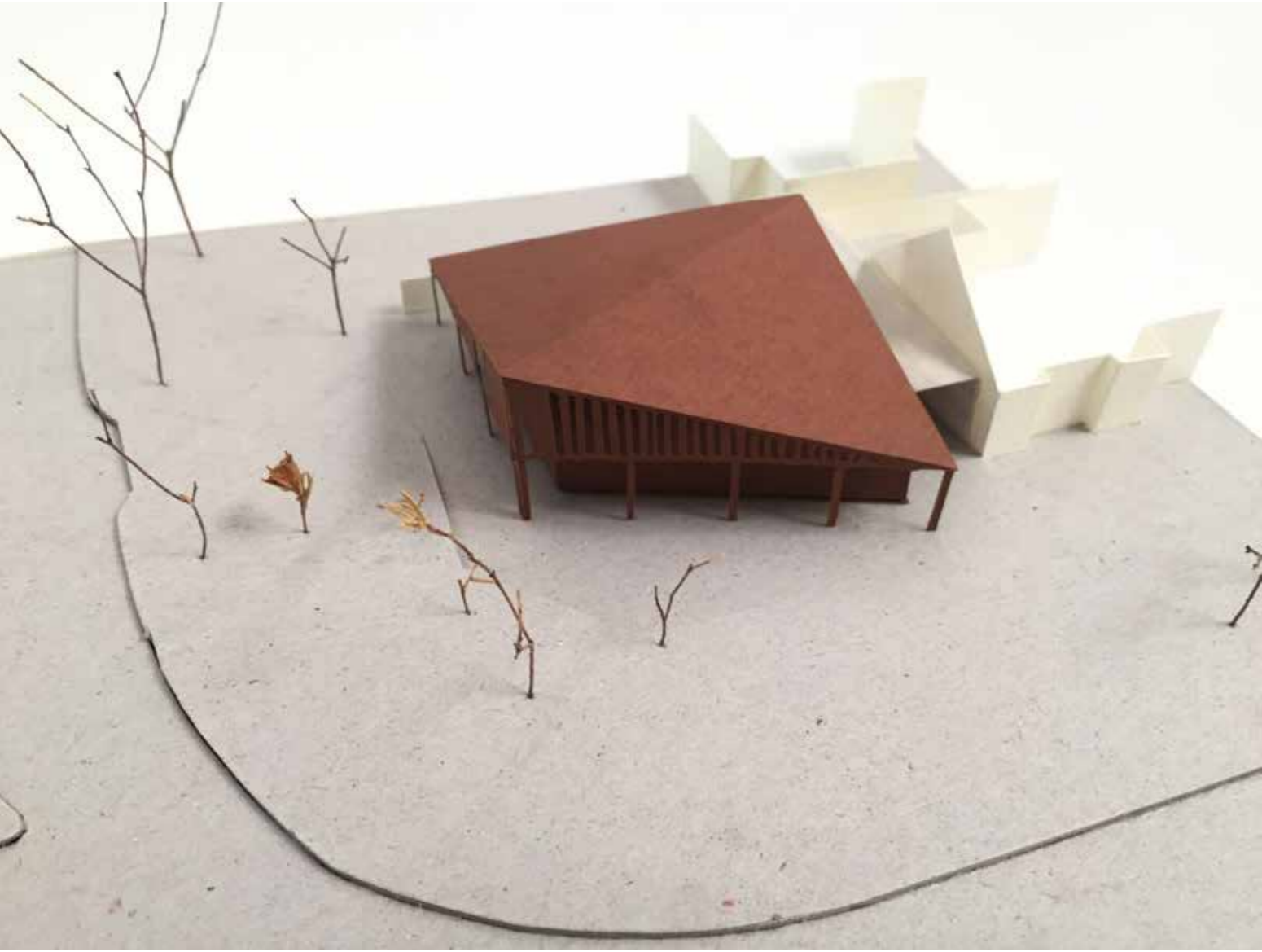
AREAS	ALLOWED	PROVIDED
GARDENED OPEN SPACE		164sqm 47%
VERANDAED OPEN SPACE	50sqm 10% max	35sqm 10%
TOTAL OPEN SPACE	175sqm 50% min	199sqm 57%

ENCLOSED SPACE	FOOTPRINT	STORE	97.2sqm 7.1sqm
N/A OPEN SPACE	GARAGE*	VERANDA**	38.5sqm 5.1sqm
TOTAL	175sqm 50% min	148sqm 43%	

* Walled on more than two sides.
 ** Exceeds the 10% of verandaed area allowed to be classified as 'open space'.

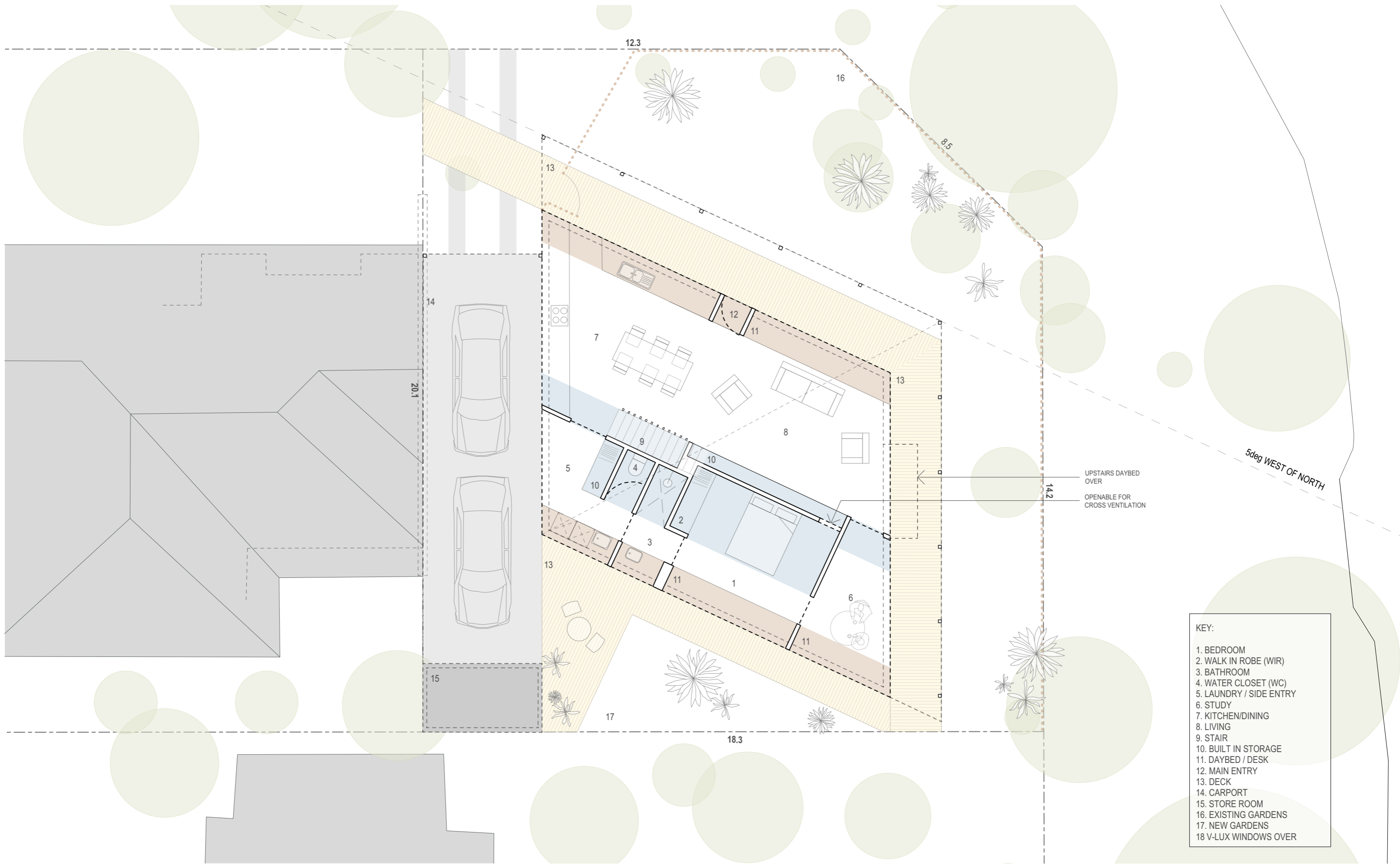
SETBACKS	ALLOWED	PROVIDED
PRIMARY	6m	> 6.5m AVG.
SECONDARY	1.5m	3m
OTHER	1m	0m

CITY OF MELVILLE
 LPS6
 R-CODE: R15
 LOT 19
 349.48sqm
 Vol/Folio: CT-1744/167

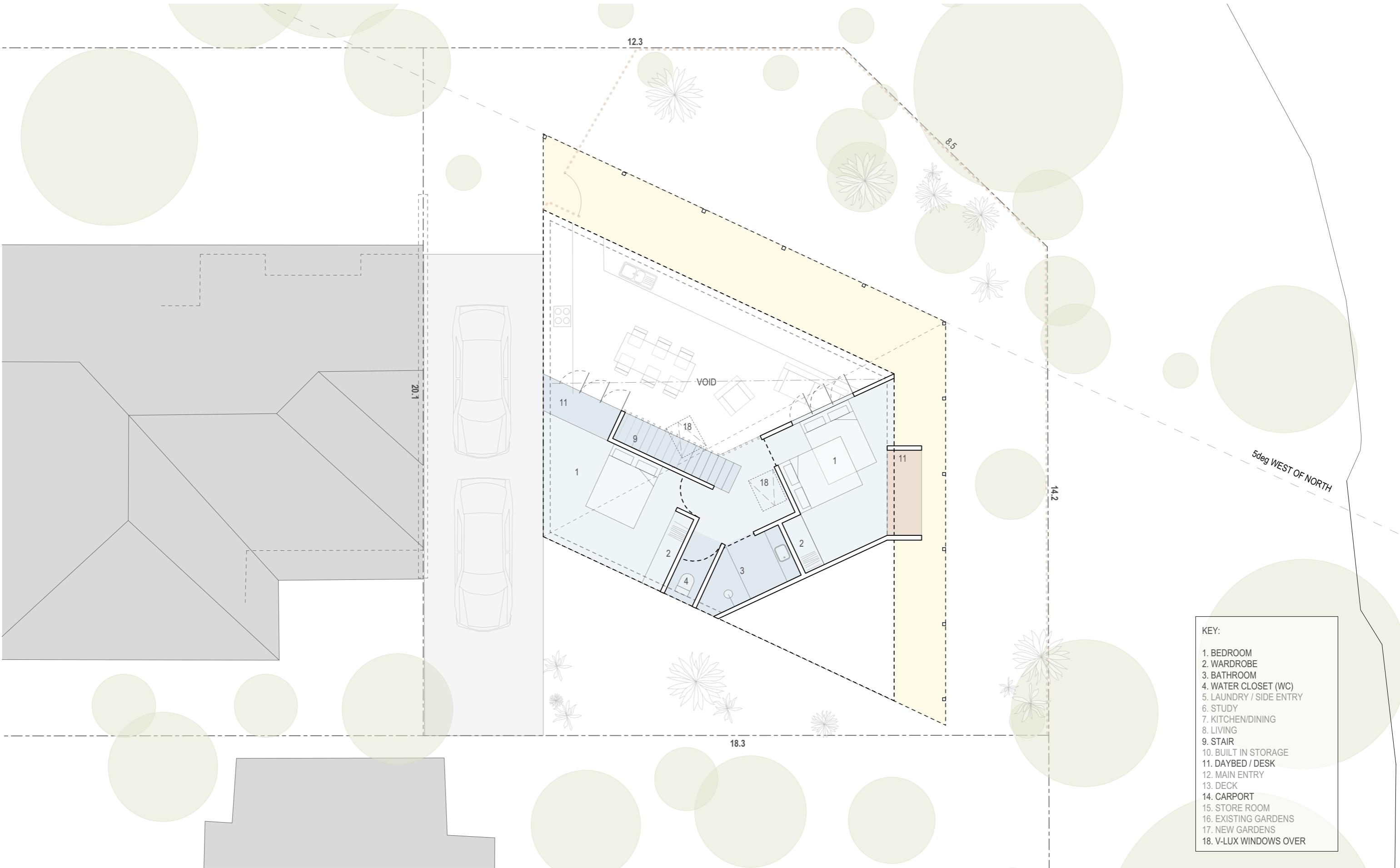








- KEY:
- 1. BEDROOM
 - 2. WALK IN ROBE (WIR)
 - 3. BATHROOM
 - 4. WATER CLOSET (WC)
 - 5. LAUNDRY / SIDE ENTRY
 - 6. STUDY
 - 7. KITCHEN/DINING
 - 8. LIVING
 - 9. STAIR
 - 10. BUILT IN STORAGE
 - 11. DAYBED / DESK
 - 12. MAIN ENTRY
 - 13. DECK
 - 14. CARPORT
 - 15. STORE ROOM
 - 16. EXISTING GARDENS
 - 17. NEW GARDENS
 - 18. V-LUX WINDOWS OVER



- KEY:**
- 1. BEDROOM
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MORESBY STREET

INFILL DOWN-SIZER



MORESBY STREET

INFILL DOWN-SIZER



PHILIP + LINDA MARTINZ

EMPTY NESTERS

BUSINESS OWNERS -- HAIR DRESSING SALON

WELL TRAVELLED

BRIEF: TO FIT THEIR LIVES ONTO 100sqm OF LAND TO REAR OF THEIR SALON
GARDEN / WORKSHOP / GARAGE / COURTYARD / 2 BEDS / LIVING / READING / VIEWS
LOW-MAINTENANCE, ETC

PHIL: HAIR DRESSER; HOBBY CARPENTER + GARDENER; IDEAS MAN

LINDA: VOICE OF REASON;

AREA SCHEDULE

R-CODE	R50
SITE AREA	205 SQM
BUILDING FOOTPRINT	
SHOPFRONT	87.2 SQM
NEW DWELLING	83.4 SQM
TOTAL	170.6 SQM
OPEN SPACE	
GROUND LEVEL	23.7 SQM
COURTYARD	9.5 SQM
ROOF TERRACE	13.2 SQM
TOTAL	46.4 SQM
PERCENTAGE	22.6 %
OUTDOOR LIVING AREA	
AREA	46.4 SQM
MINIMUM DIMENSION	2.6 M



MORESBY STREET RESERVE

MORESBY STREET

2 MORESBY STREET LOT 94

4 MORESBY STREET LOT 5

6 MORESBY STREET LOT 4

8 MORESBY STREET LOT 3

10 MORESBY STREET LOT 2
LOT AREA 205 SQM
EXISTING SHOP
FL 29.31

12 MORESBY STREET LOT 1

PROPOSED DOUBLE STOREY DWELLING
GF FL 28.65
1F FL 31.40

EXISTING GARDEN COMMON PROPERTY

LANEWAY

1 FINCHAVEN STREET

3 FINCHAVEN STREET

5 FINCHAVEN STREET

209 DOUGLAS AVENUE

AMMING ABOVE RL 33.06

RL 29.08

RL 29.15

5.81

12.79

12.79

21.36

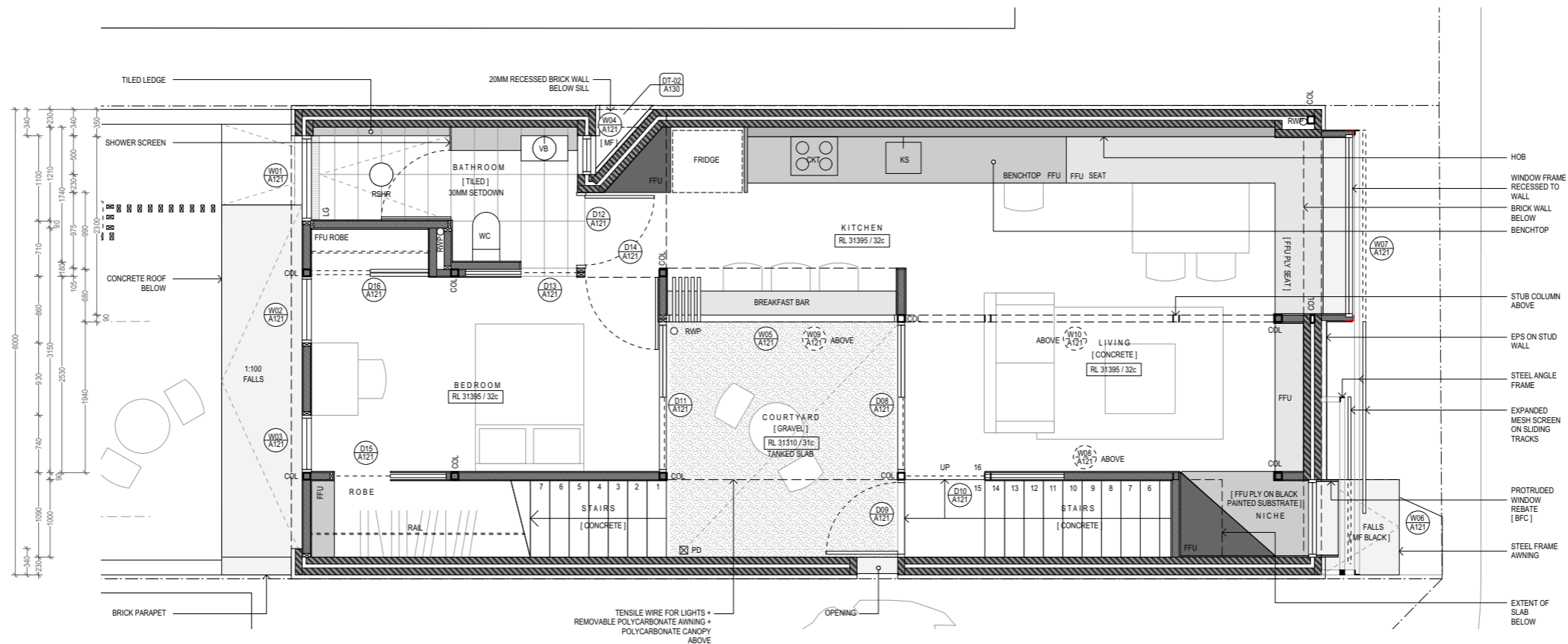
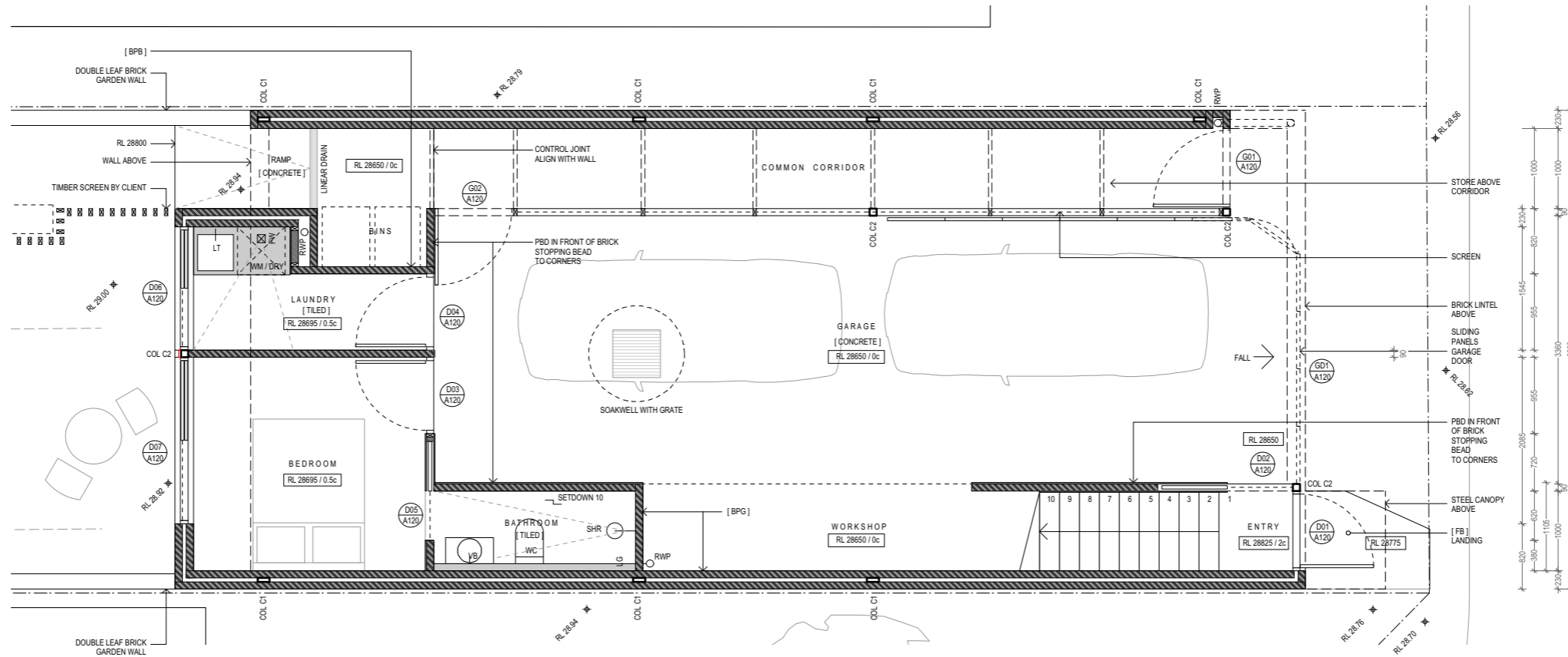
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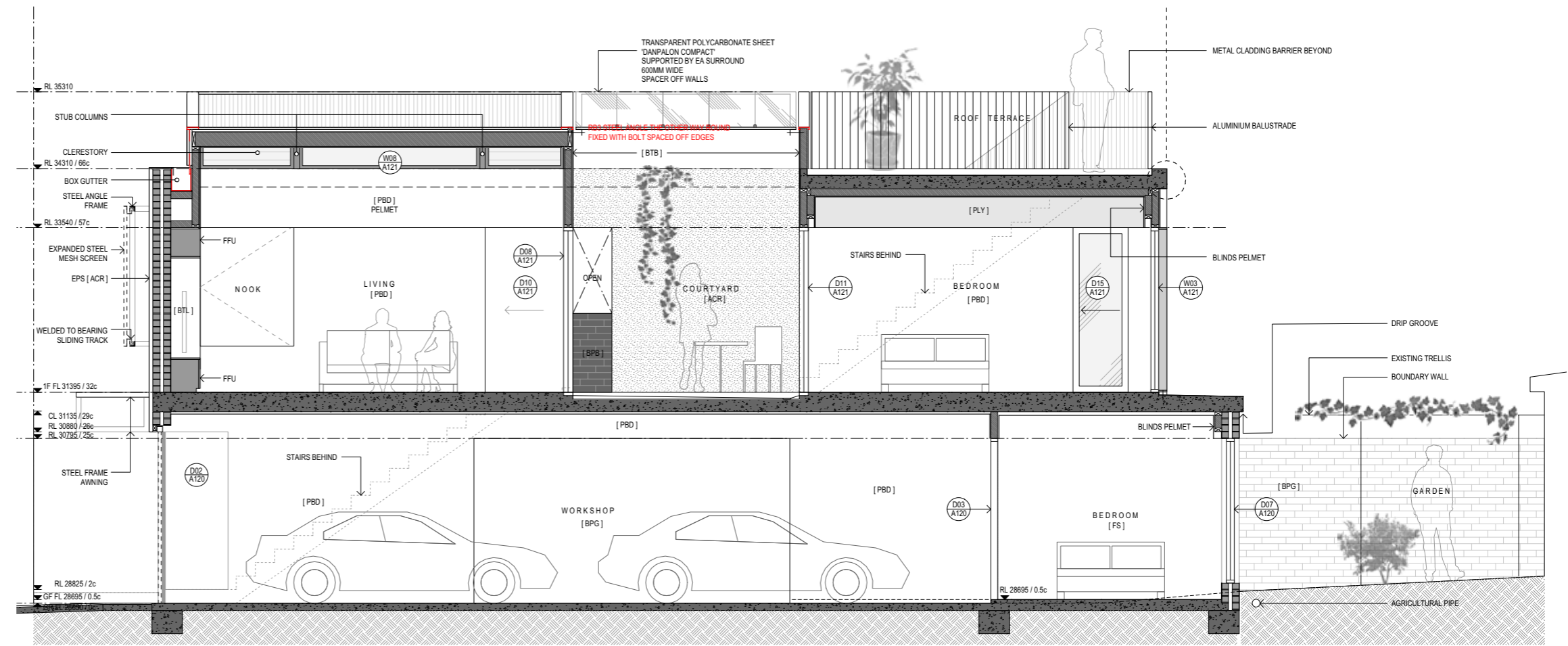
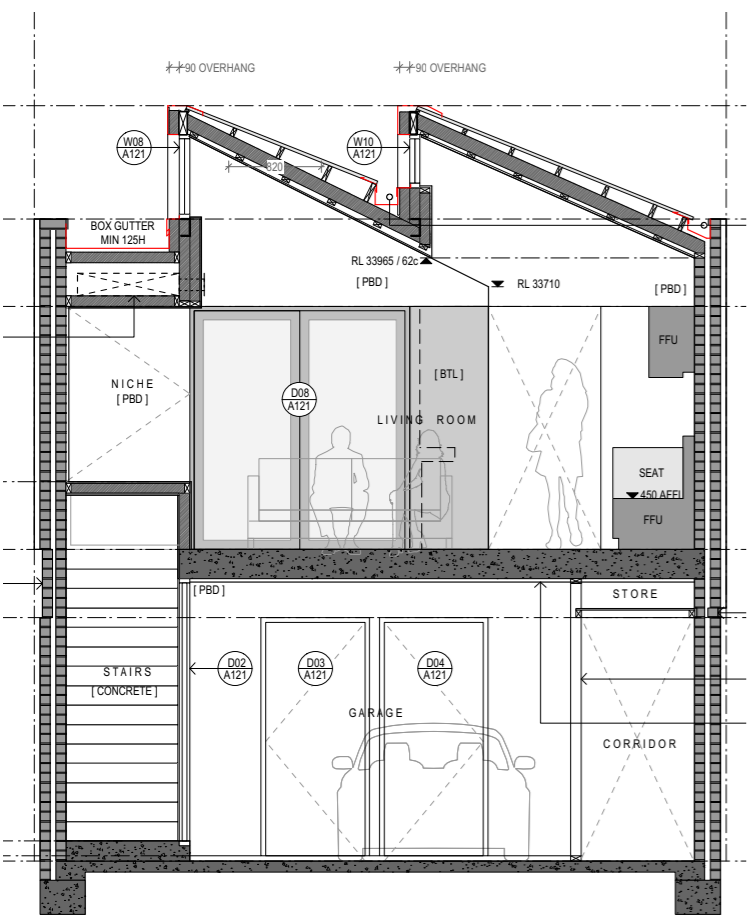
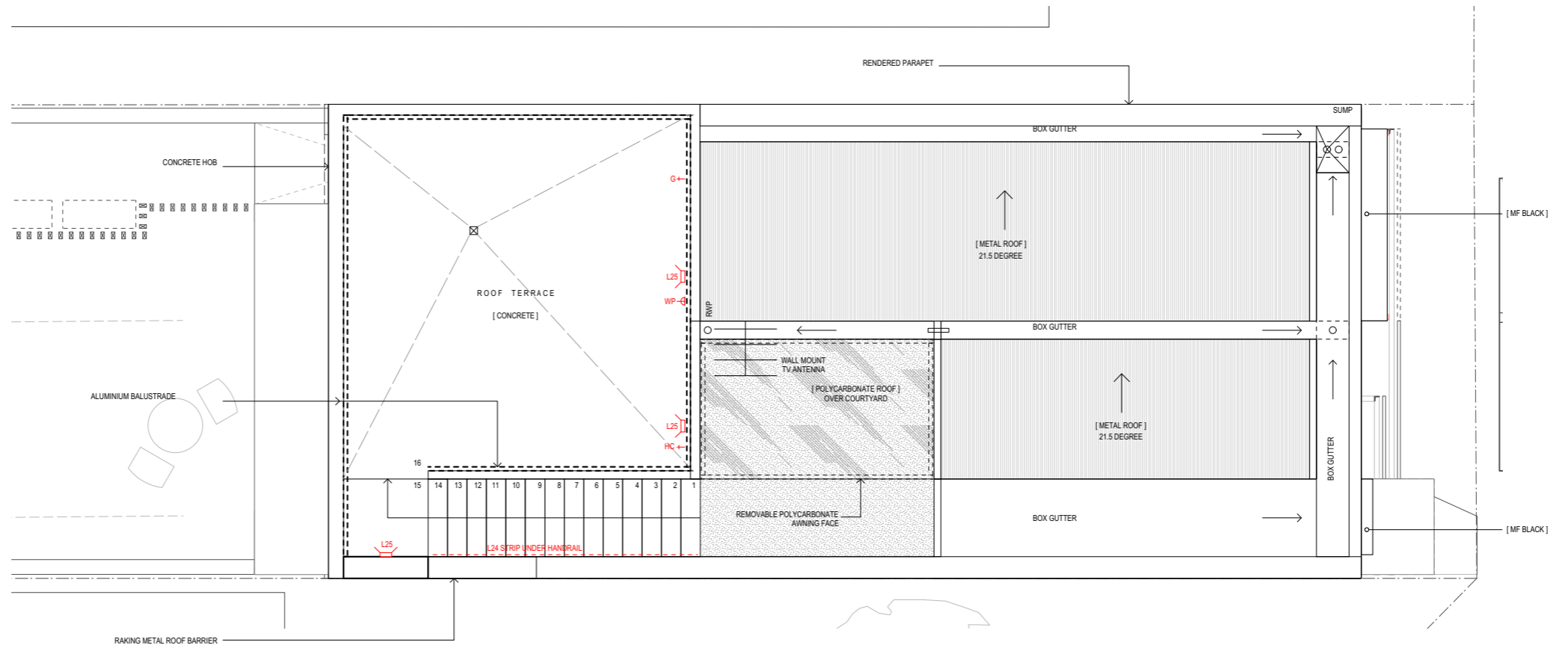
1.9 RL 28.62

RL 28.52

28.0 CONTOUR LINE







SECTION THROUGH LIVING



BLINCO STREET

NEW HOUSE



BLINCO STREET

NEW HOUSE

DAN MULCAHY

FIFO WORKER; EX-CARPENTER

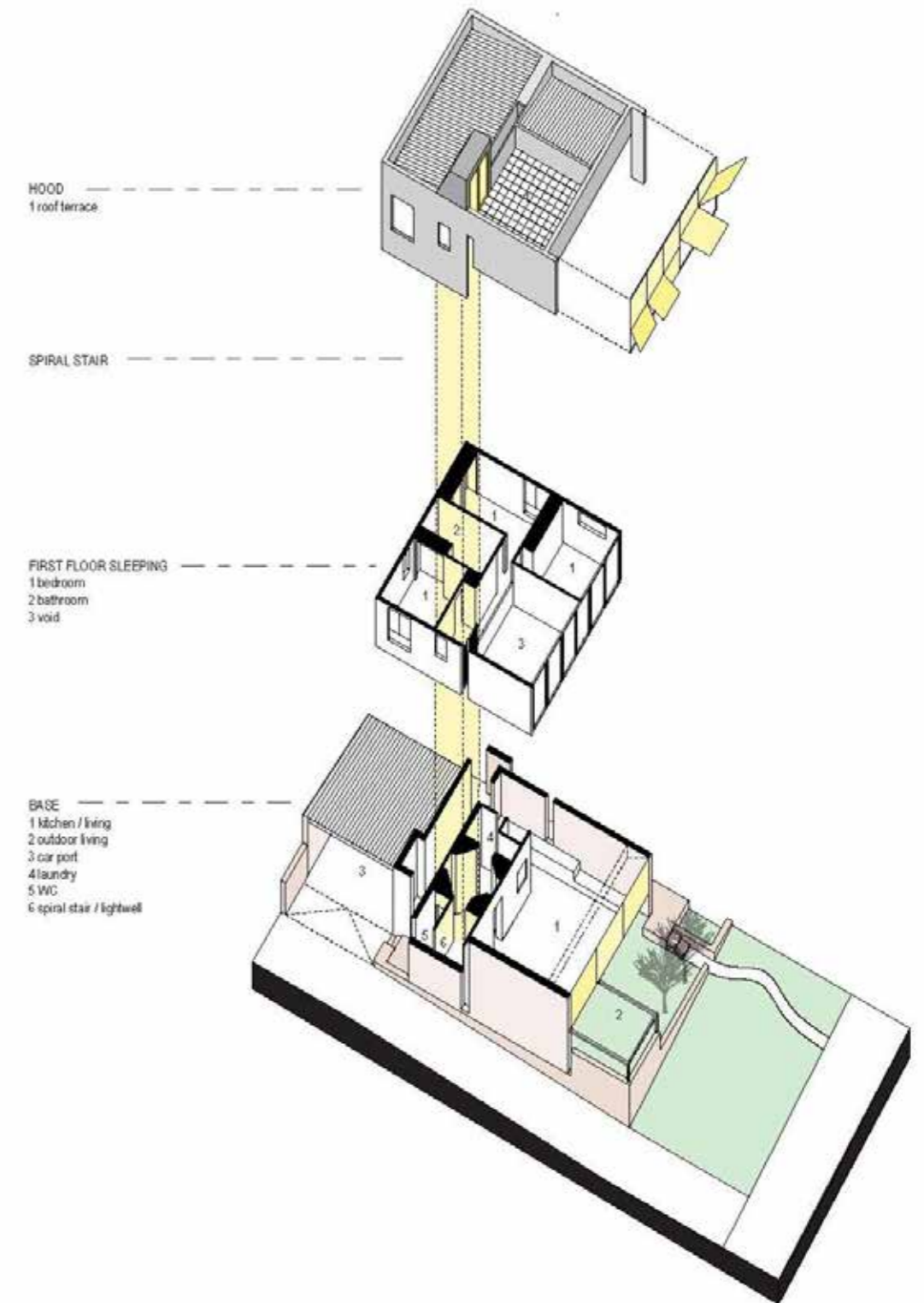
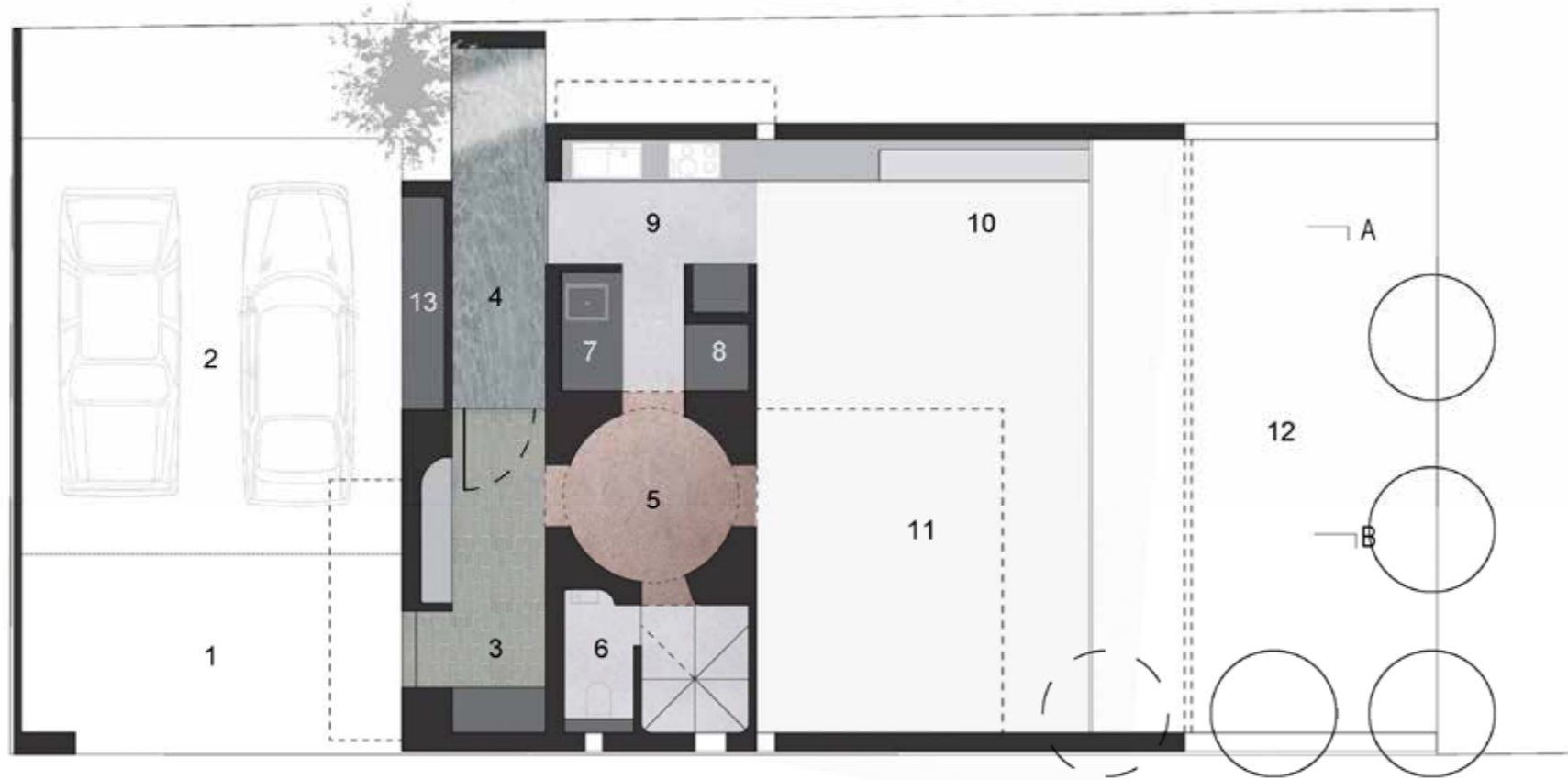
LIVES IN MELBOURNE

FROM PERTH + PLANNING TO MOVE BACK

LOVES ARCHITECTURE

BRIEF: SANCTUARY FOR WEEKS OFF; LOW MAINTENANCE 'BARE-FOOT' HOUSE; FRIENDS; LAZY DAYS

DAN: A THINKER AND A DOER.







NOLA AVENUE

NEW BEACH SHACK



NOLA AVENUE

NEW BEACH SHACK

KATE + PETER BUFFHAM

FAMILY GROWING UP

HAVE LIVED ON PROPERTY +10 YEARS

DEMOLISH + BUILD

LOVE CITY BEACH + SCARBOROUGH

LOVE THE BEACH, AUSTRALIA, DRIVING HOLIDAYS

STRONG TIES TO THE COUNTRY

BRIEF: A BEACH SHACK TO SUIT THEIR FAMILY FOR THE NEXT 15 YEARS;

HARDY / CASUAL / NOSTALGIC / GENEROUS / COMFORTABLE

KATE: NURSE, MUM

PETER (BUFF): GP, DAD



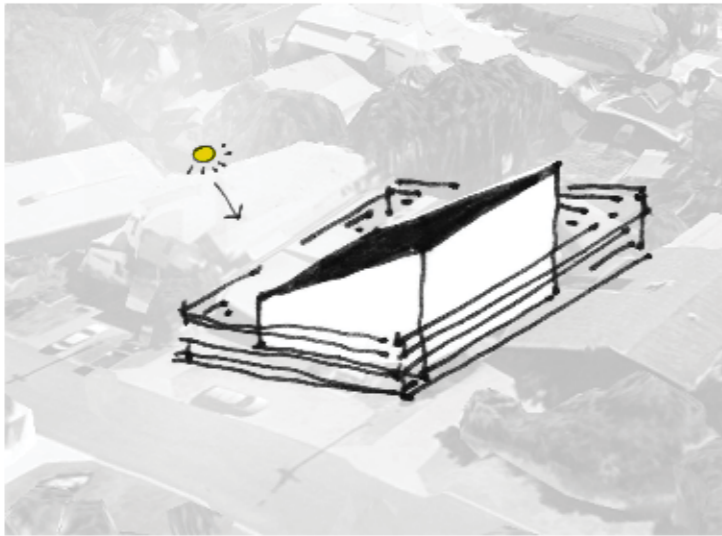
ORIENTATION



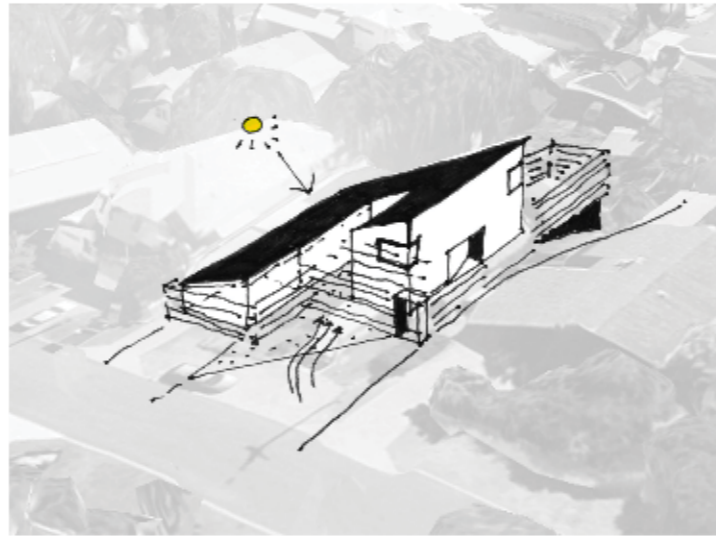
SOLAR INGRESS



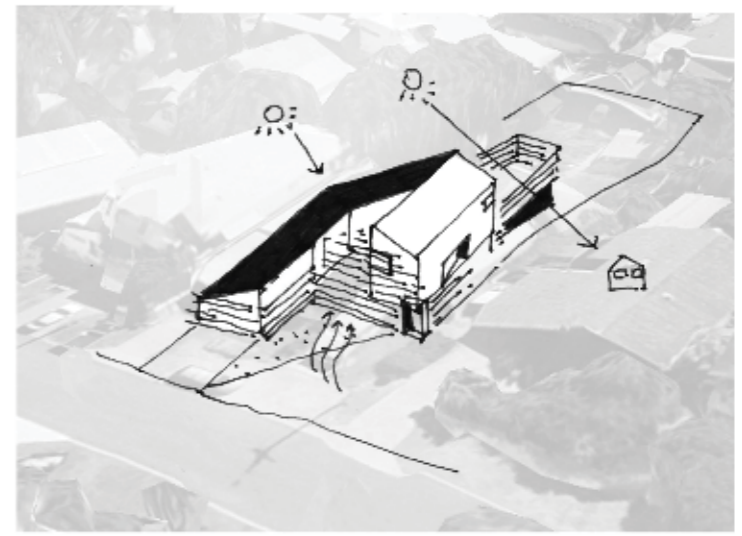
CONTEXTUALISATION



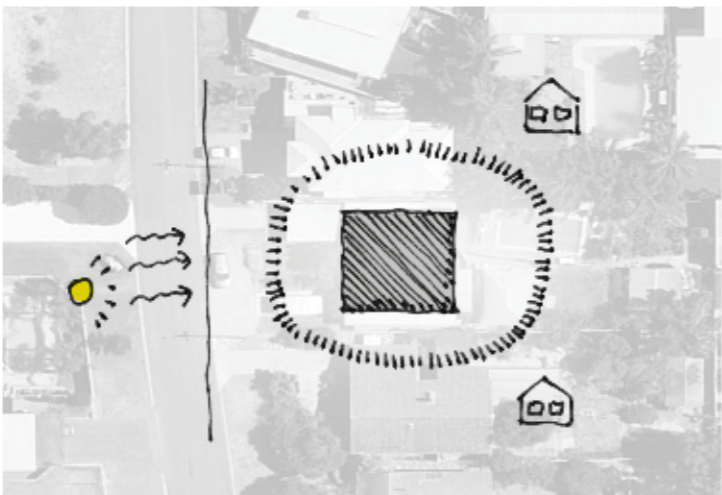
PROGRAM + FILTER



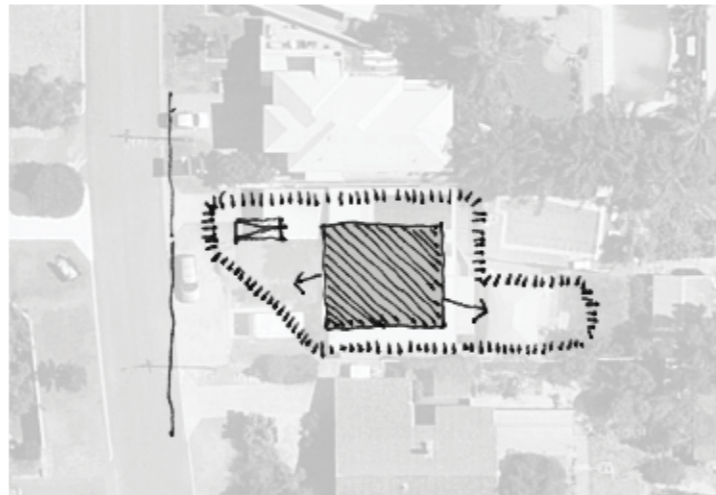
SHAPE PROGRAMMATIC CORE + FILTER TO SUIT SITE



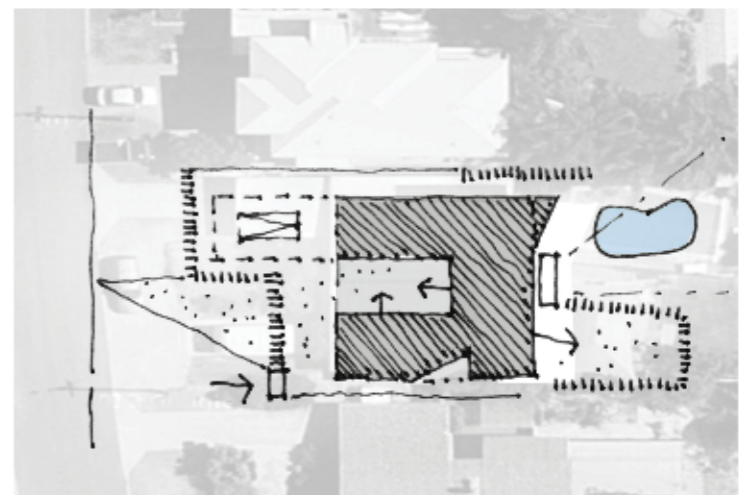
AND CONTEXT



FILTER = CONTROL : VIEW / PRIVACY; BREEZE / GALE; SUN / GLARE

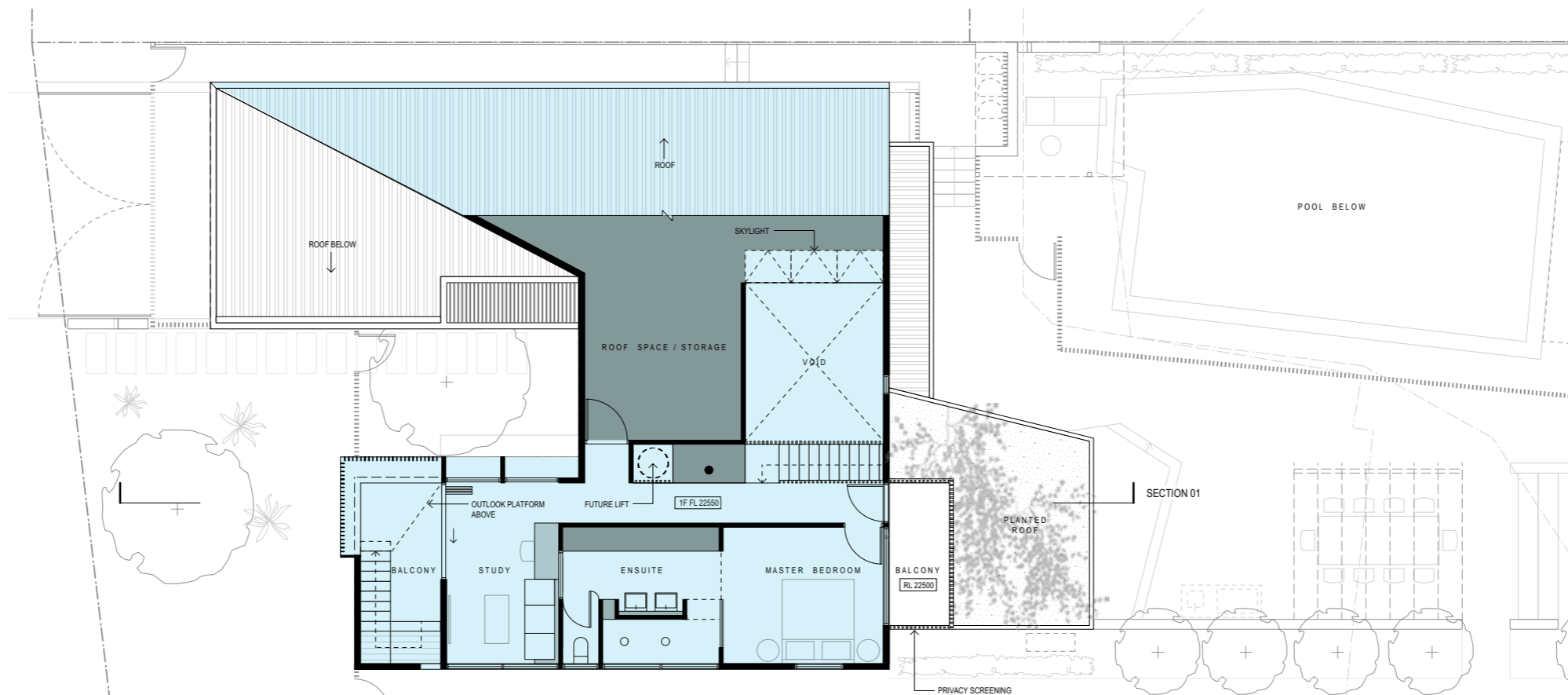
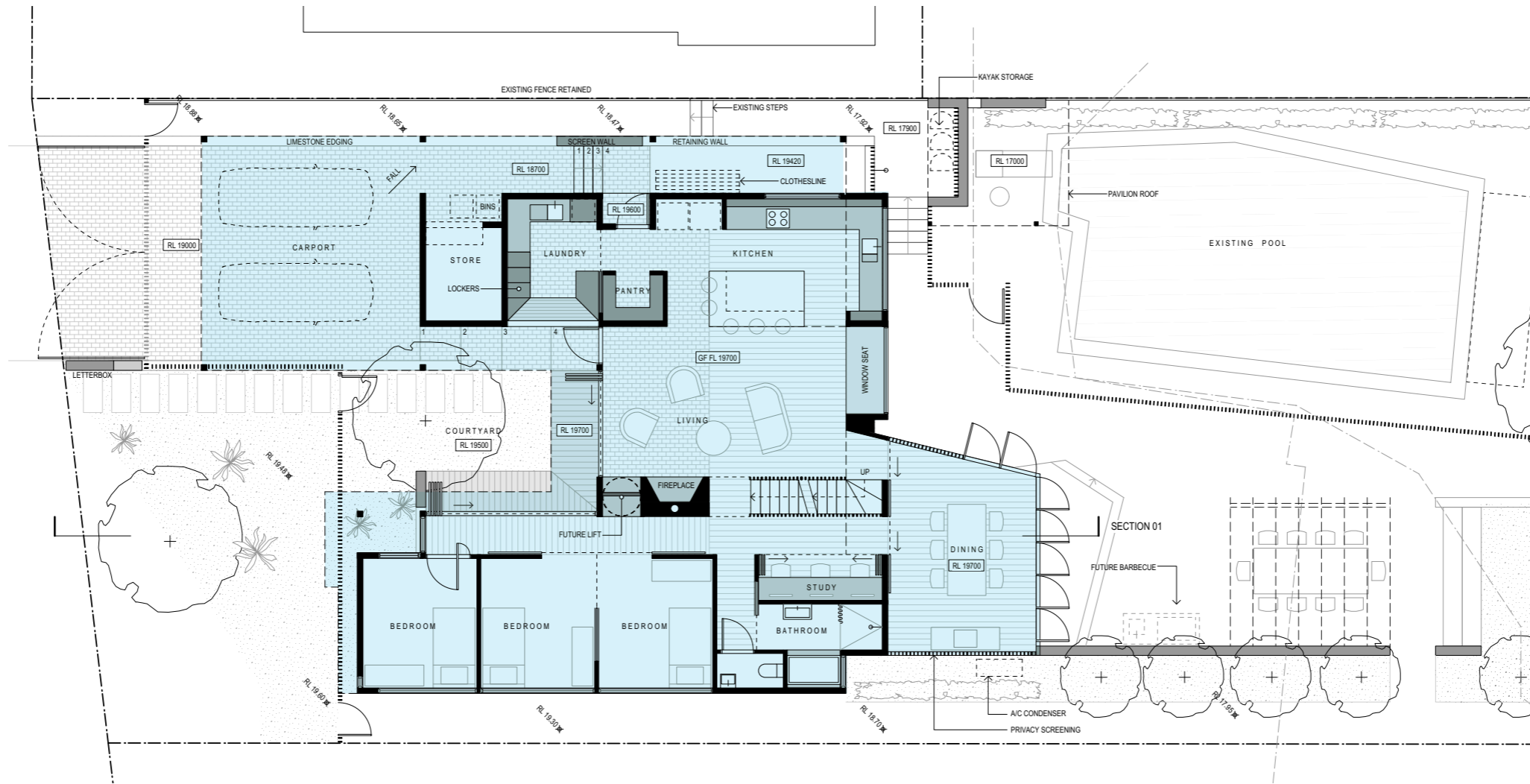


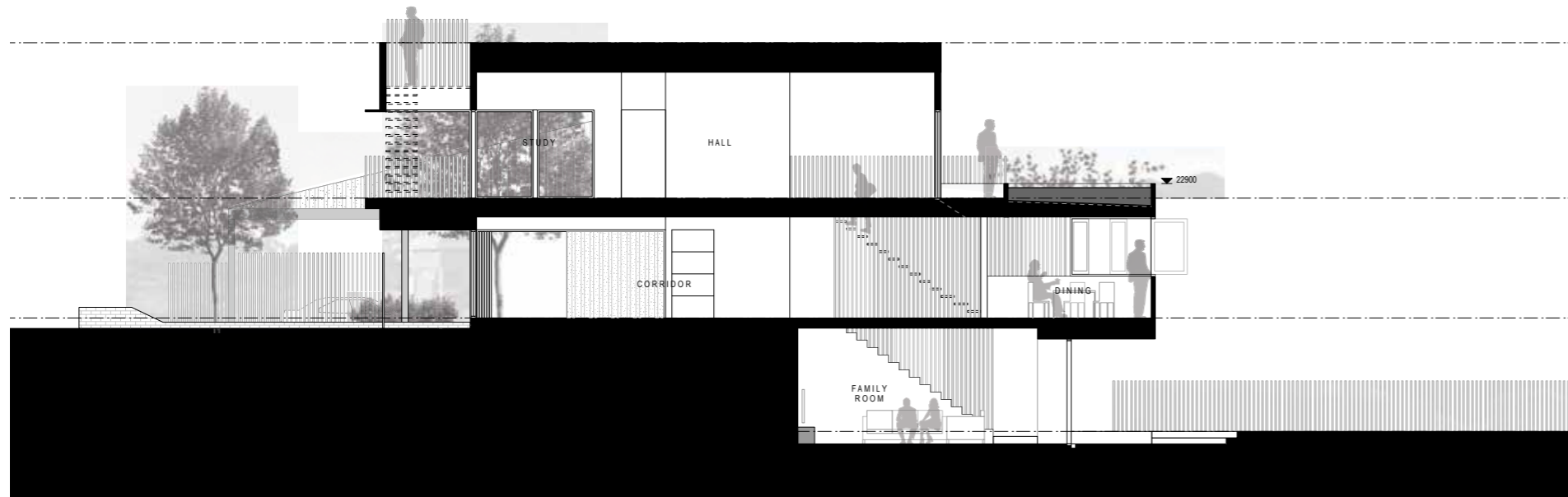
FILTER CREATES SHELTERED + VENTILATED EXTERIOR ZONE



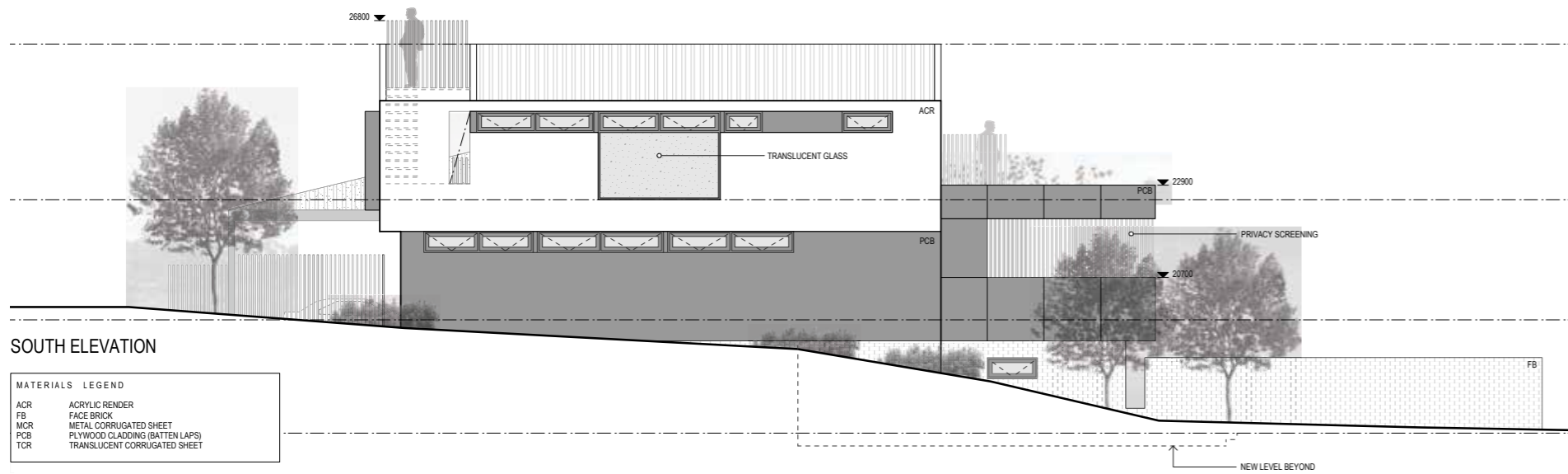
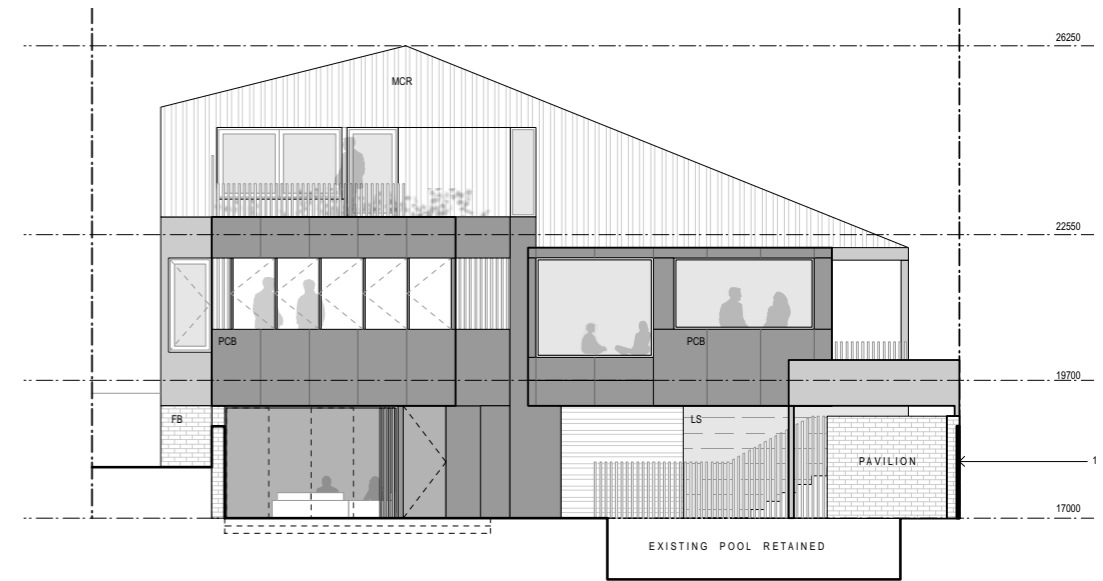
DIALOGUE BETWEEN ELEMENTS = ENMESHING





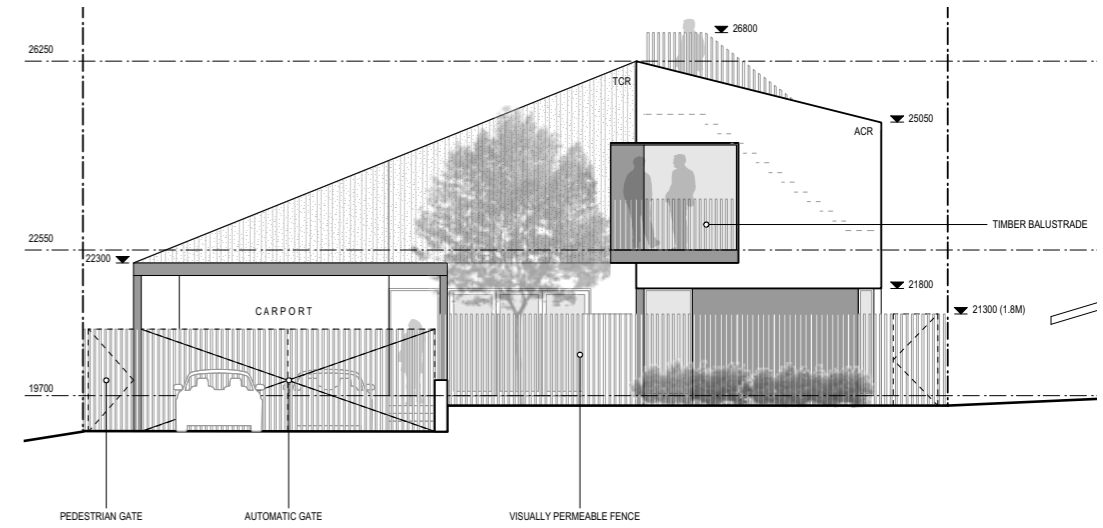


SECTION 01



SOUTH ELEVATION

MATERIALS LEGEND	
ACR	ACRYLIC RENDER
FB	FACE BRICK
MCR	METAL CORRUGATED SHEET
PCB	PLYWOOD CLADDING (BATTEN LAPS)
TCR	TRANSLUCENT CORRUGATED SHEET





PARMELIA STREET

ALTERATIONS + ADDITIONS



PARMELIA STREET

ALTERATIONS + ADDITIONS

RICHARD HOBBS + GILLIAN HENDERSON

EMPTY NESTERS

LIVED IN A BRIAN KLOPPER FOR 25 YEARS

SITE: RICHARD'S MUM'S FORMER RESIDENCE

2-ROOM COTTAGE RETAINED

BRIEF: A PITCHED-ROOF BEACH SHACK -- A SIBLING FOR THE EXISTING COTTAGE...

LIGHT / WELL-VENTILATED / OPEN YET PRIVATE

NO OTHER STIPULATIONS

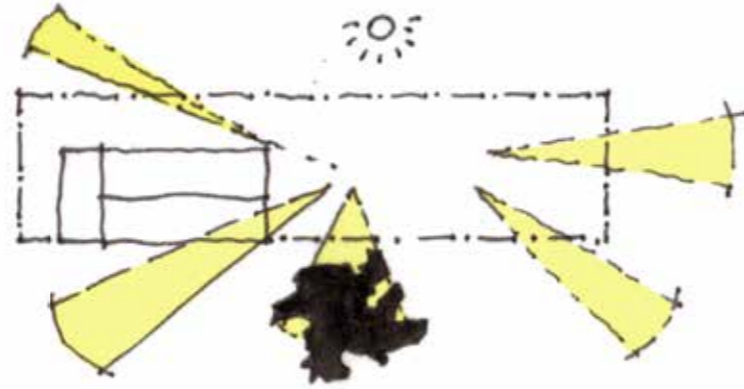
RICHARD: PROFESSOR OF BIOLOGY

GILLIAN: PHYSIOTHERAPIST

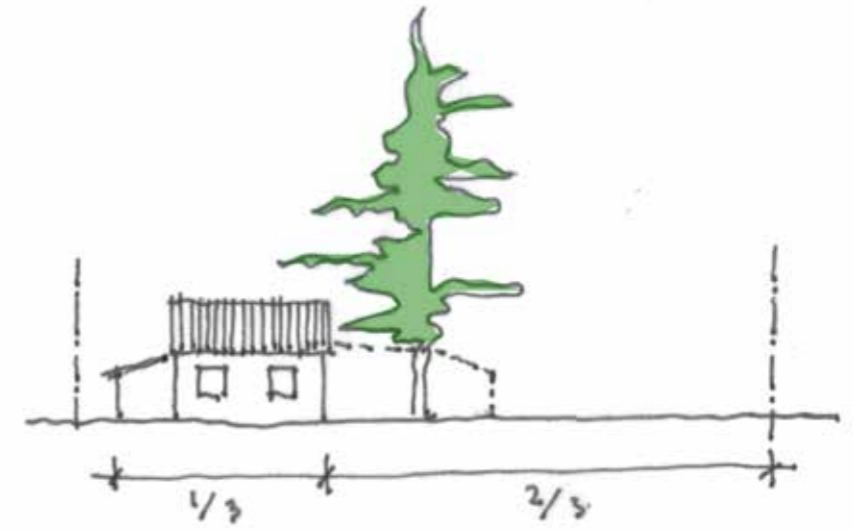




The Norfolk Pine



Views from the Site vs North Aspect

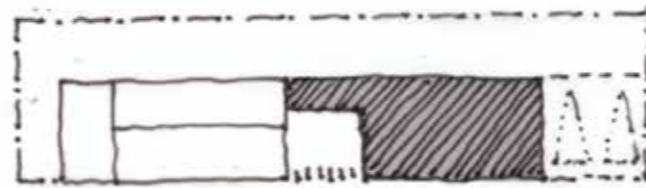


Issues of Proportion

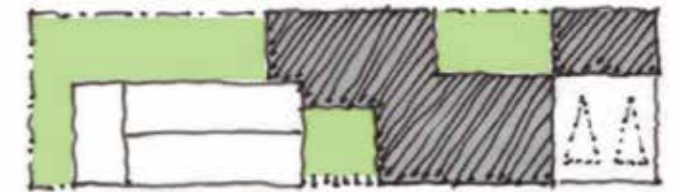


COTTAGE

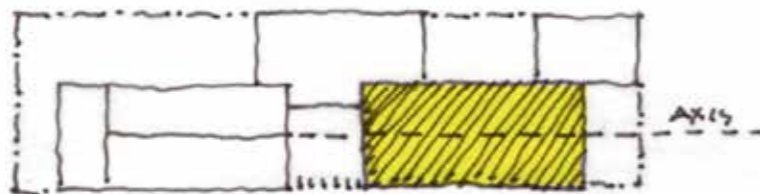
Ground Floor



VOID / LINK CONNECTION

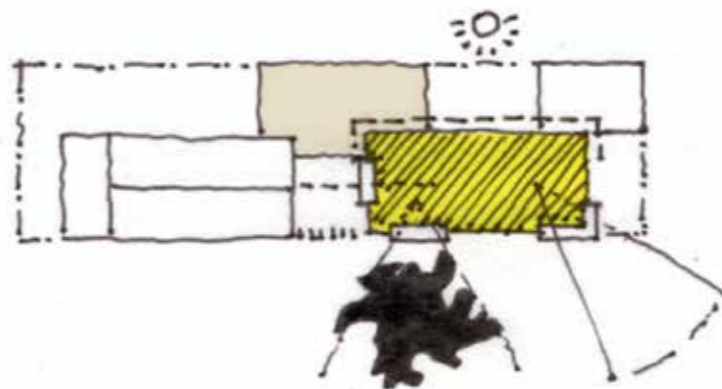


POPULATING THE SITE (SOLID / VOID)

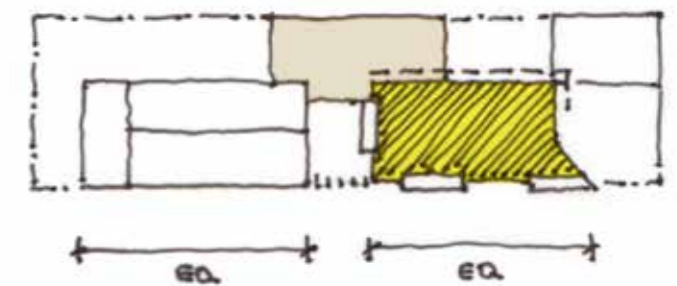


ON AXIS

First Floor



VIEW PORTALS + SOLAR CONTROL



APPROPRIATE PROPORTION

CLIENT BRIEF : SCALED UP COTTAGE EXTENSION



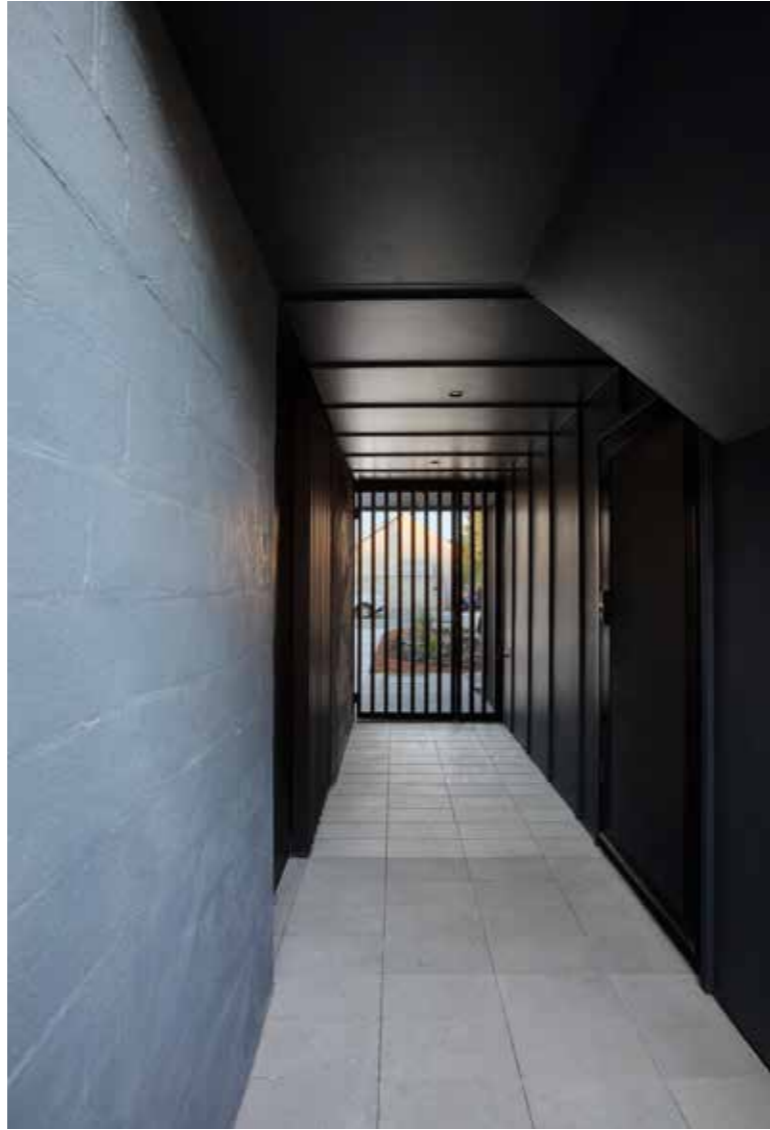
OUR RESPONSE : PLEASE NOOOOOOOOOOOOOO!!!!!!

YOU WANT PITCHED ROOF?
WE'LL GIVE YOU PITCHED ROOF!!



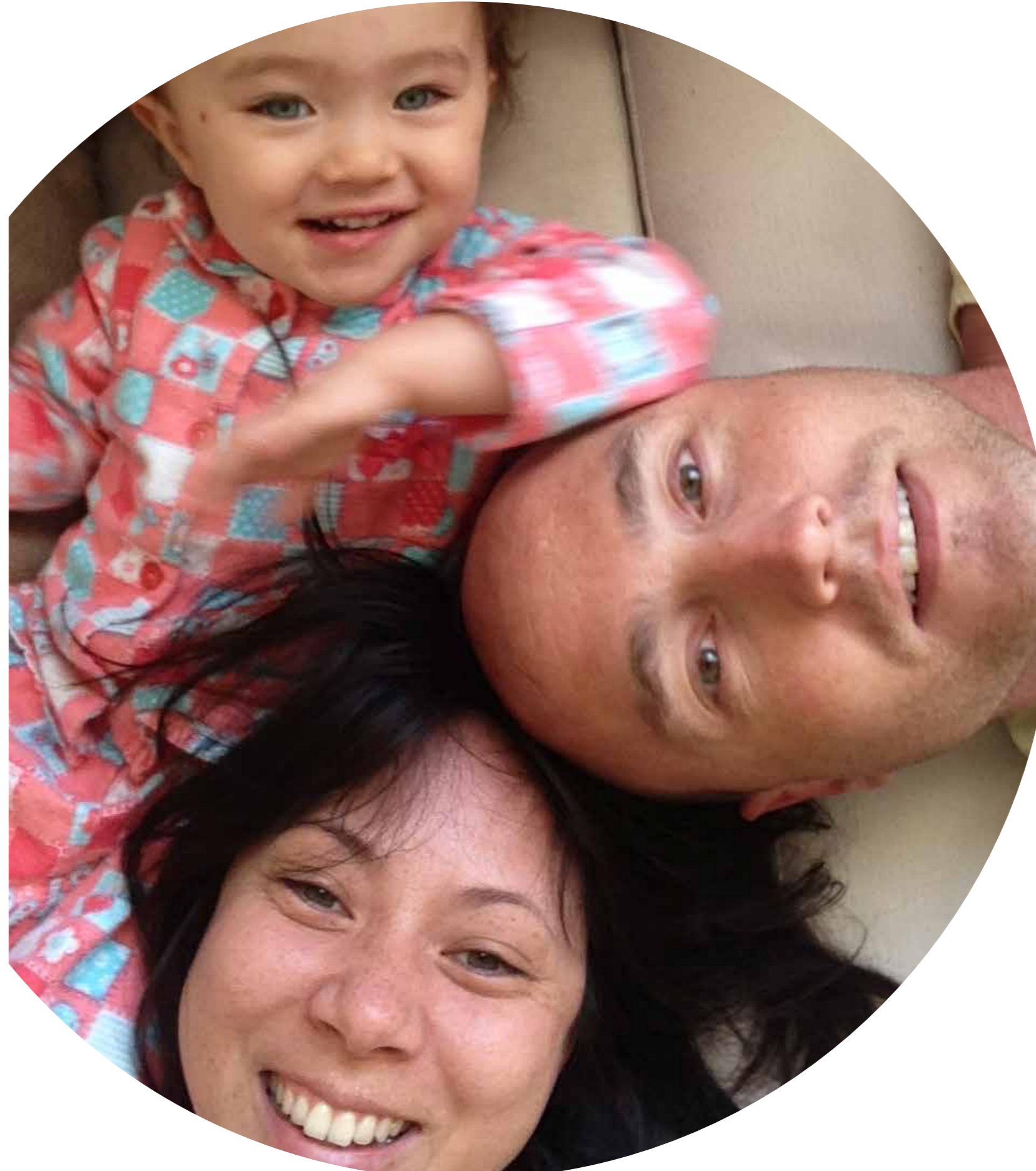






FORREST STREET

ALTERATIONS + ADDITIONS



FORREST STREET

ALTERATIONS + ADDITIONS

SOO CARNEY, MARTIN EDWARDS & SOPHIE

PROFESSIONAL COUPLE WITH A DAUGHTER

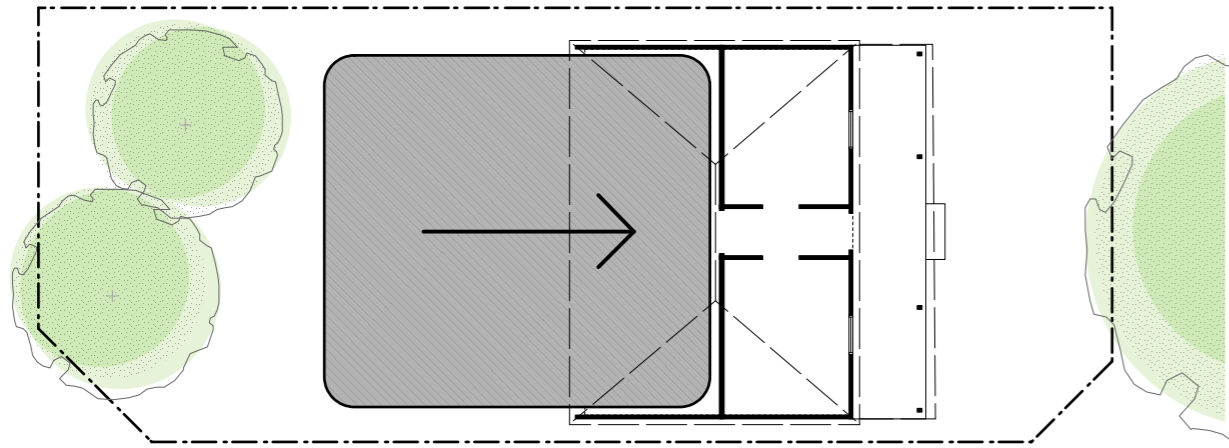
MARTY WORKS FROM HOME OFTEN

PARENTS DON'T LIVE IN PERTH + VISIT OFTEN

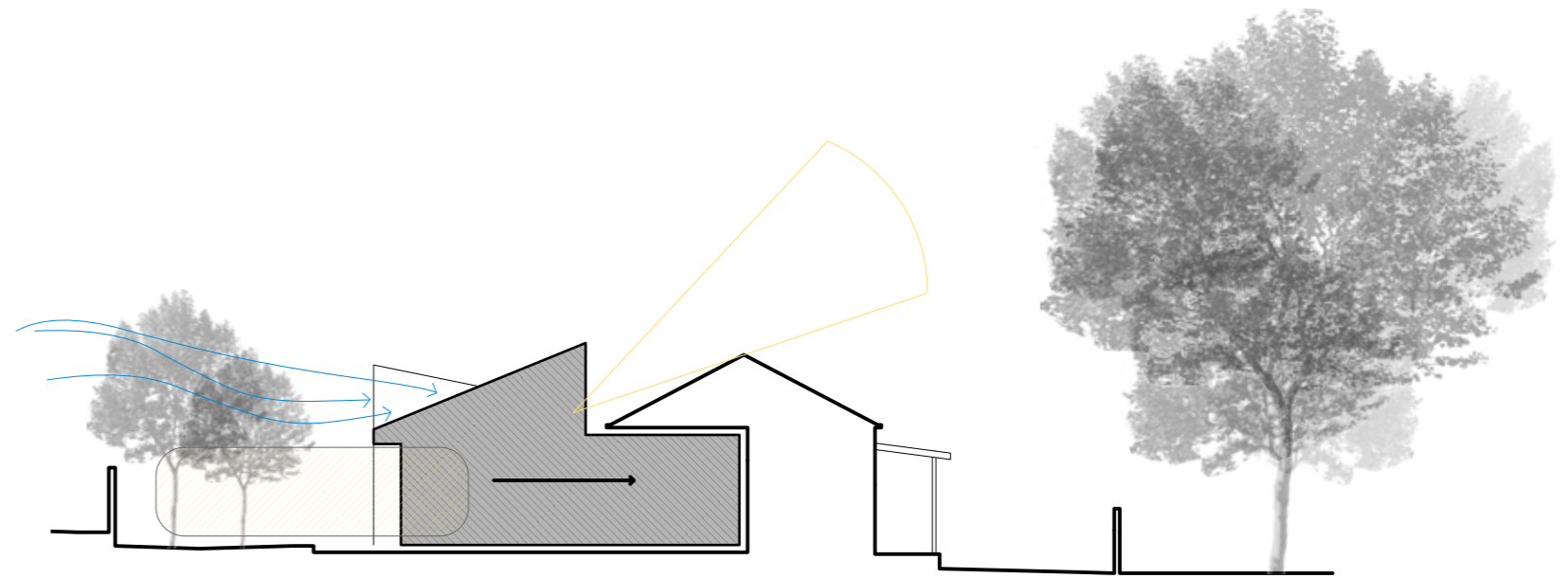
BRIEF: MORE SPACE; BETTER CONNECTION TO GARDEN; PRIVACY
STORAGE / GUEST BED + BATH / LARGE LIVING

SOO: HEALTH, SAFETY & ENVIRONMENT MANAGER, MINING

MARTY: EASY-GOING, SELF-EMPLOYED, FAMILY TREASURER

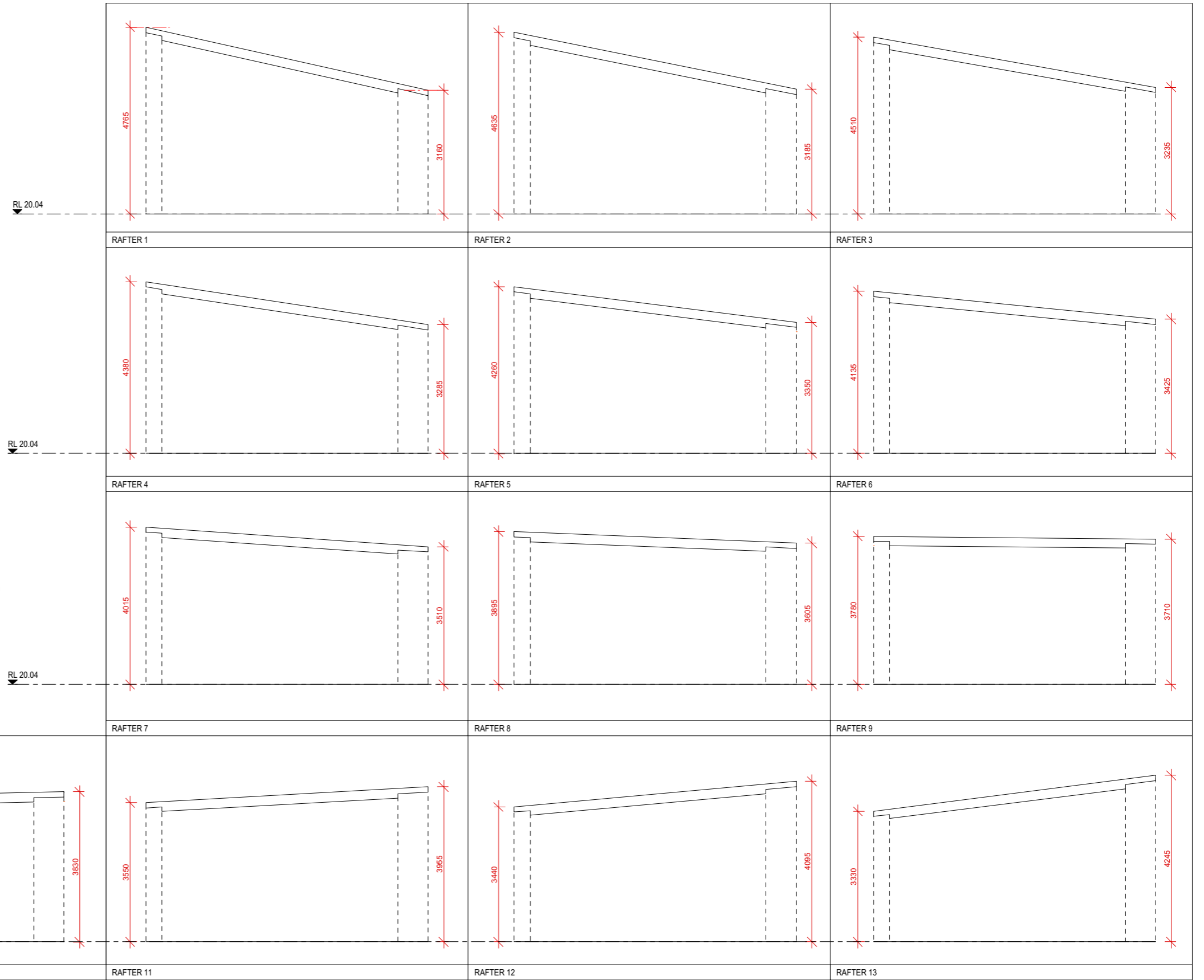
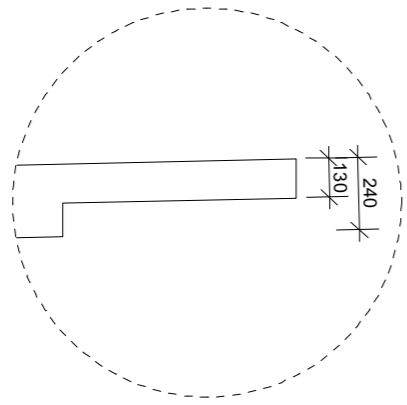
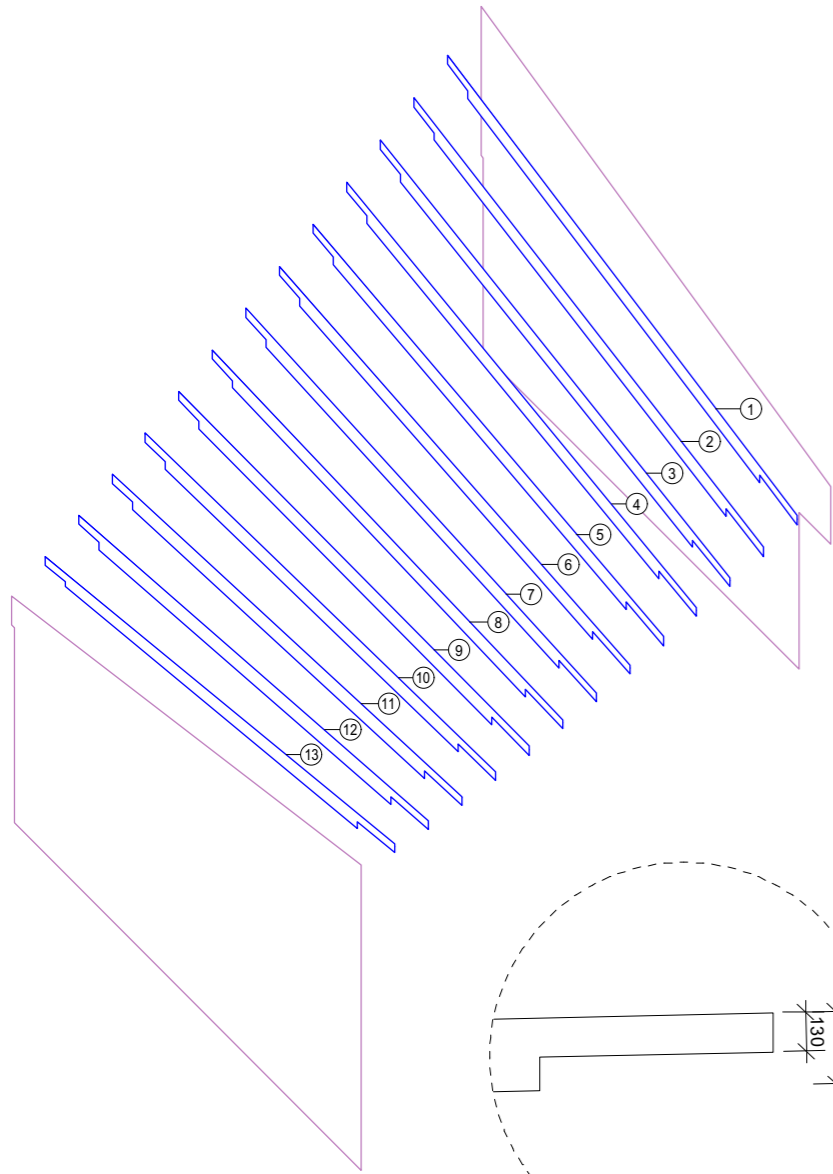


3. NEW INSERTION



SINGLE STOREY RESPONSE







GONERIL WAY

SHIPPING CONTAINER HOME



GONERIL WAY

SHIPPING CONTAINER HOME



GABOR BENCZE

SMALL BUSINESS OWNER

SOLAR LUNA -- PHOTO VOLTAIC SYSTEMS

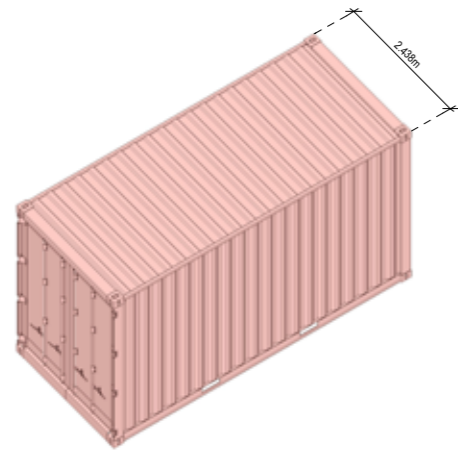
HUNGARIAN BORN, UK QUALIFIED ELECTRICIAN

MOVED TO PERTH TO PURSUE A FUTURE IN SOLAR

A CHILD HOOD DREAM

BRIEF: A SOLAR PASSIVE + ACTIVE HOME THAT TICKS ALL THE BOXES, ACHIEVES PERTH-FIRSTS; IS MODULAR AND REPLICABLE.

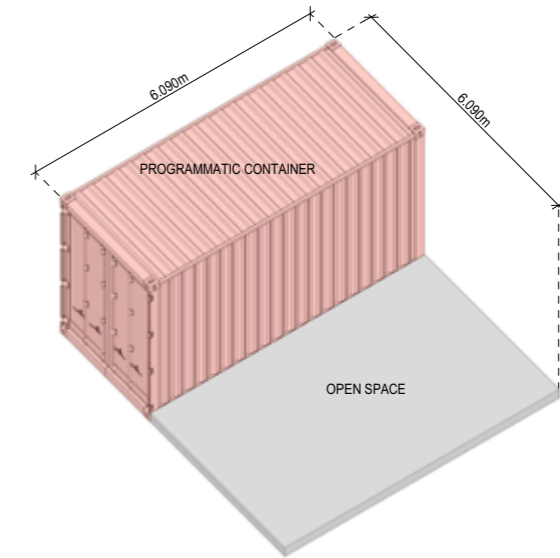
GABOR: VISIONARY, DESIGNER, HANDS-ON, OPTIMIST



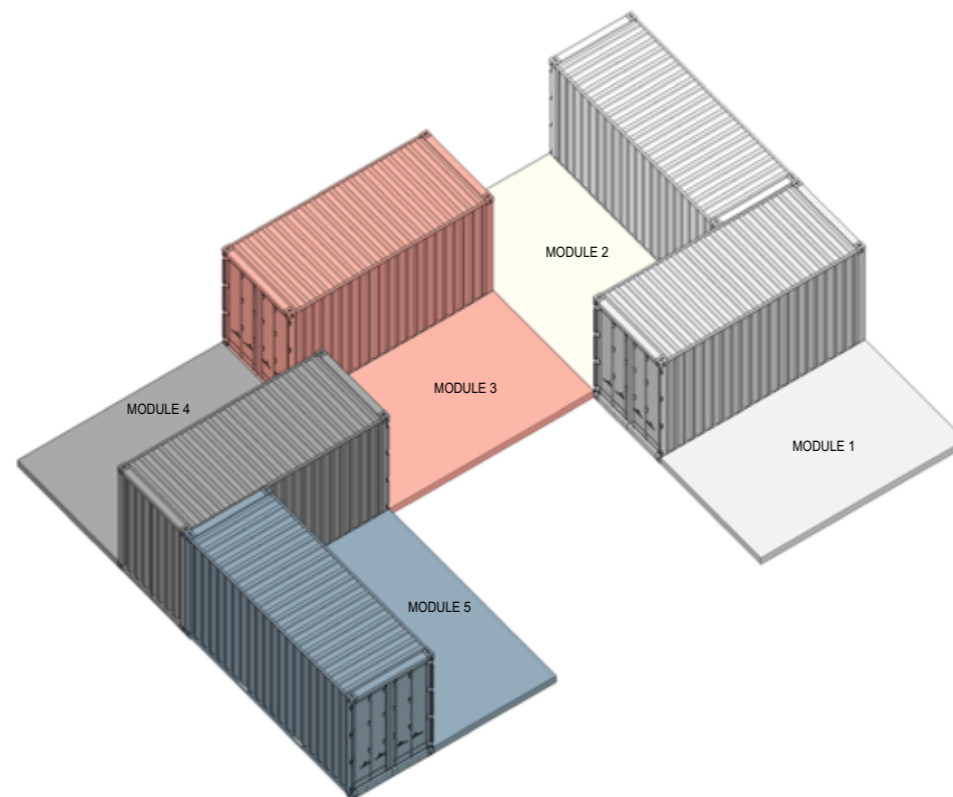
THE SINGLE CONTAINER IS TOO NARROW ON ITS OWN



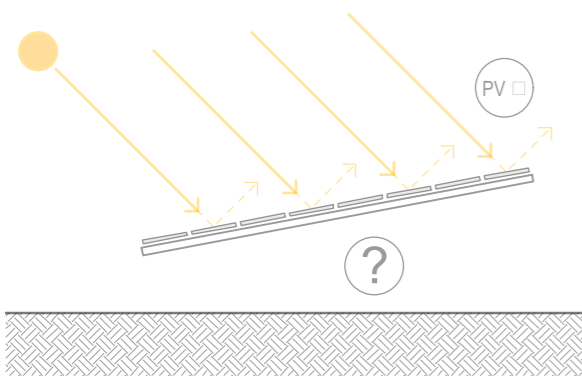
DOUBLING RESULTS IN THE LOSS OF THE CONTAINERS INTRINSIC CHARACTERISTICS



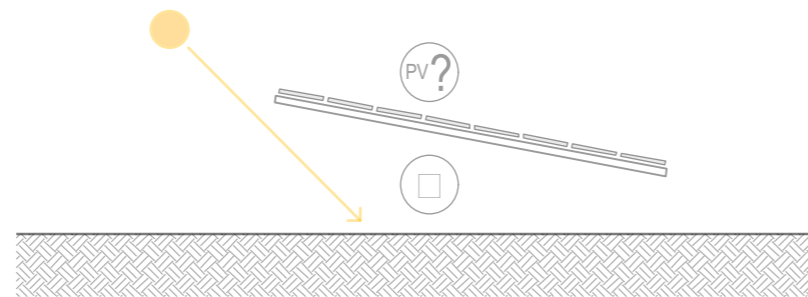
THE MODULE THEREFORE BECOMES HALF CONTAINER AND HALF OPEN SPACE



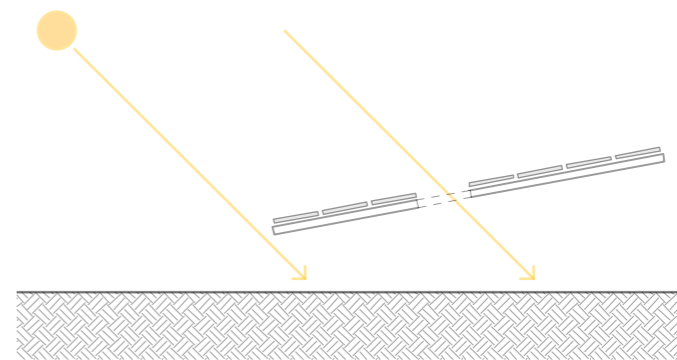
THE RESULTING DESIGN BECOMES A CLUSTER OF SEVERAL MODULES



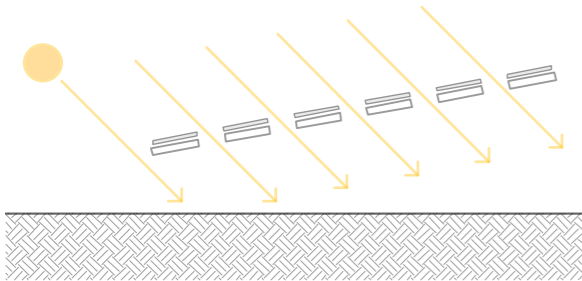
PV CELLS OPTIMALLY POSITIONED BLOCKS NORTHERN SUNLIGHT



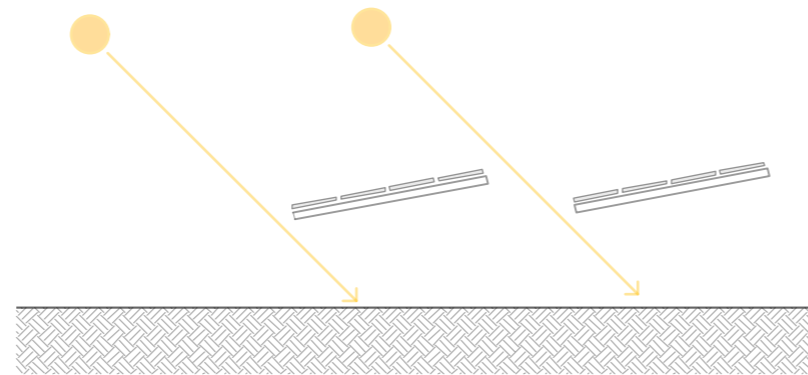
WHEN THE ROOF IS OPTIMALLY POSITIONED THE PV CELLS ARE NOT



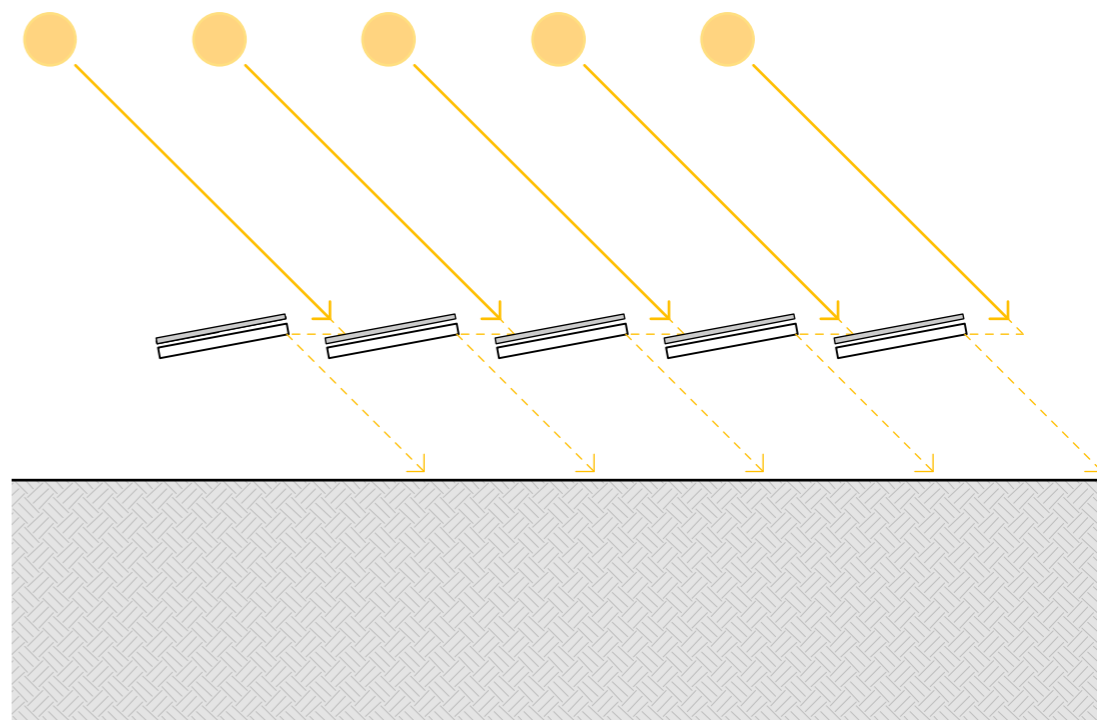
PLACING BREAKS IN THE PV CELLS ALLOWS NORTHERN LIGHT TO PENETRATE THE INTERNAL SPACE



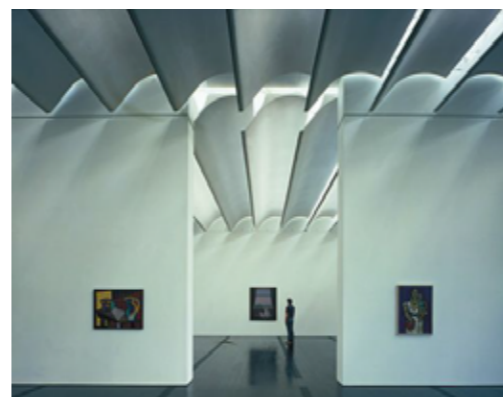
BREAKING THE PV CELLS APART ALLOWS MORE NORTHERN LIGHT IN HOWEVER REDUCES THE AMOUNT ROOF SPACE FOR PV CELLS

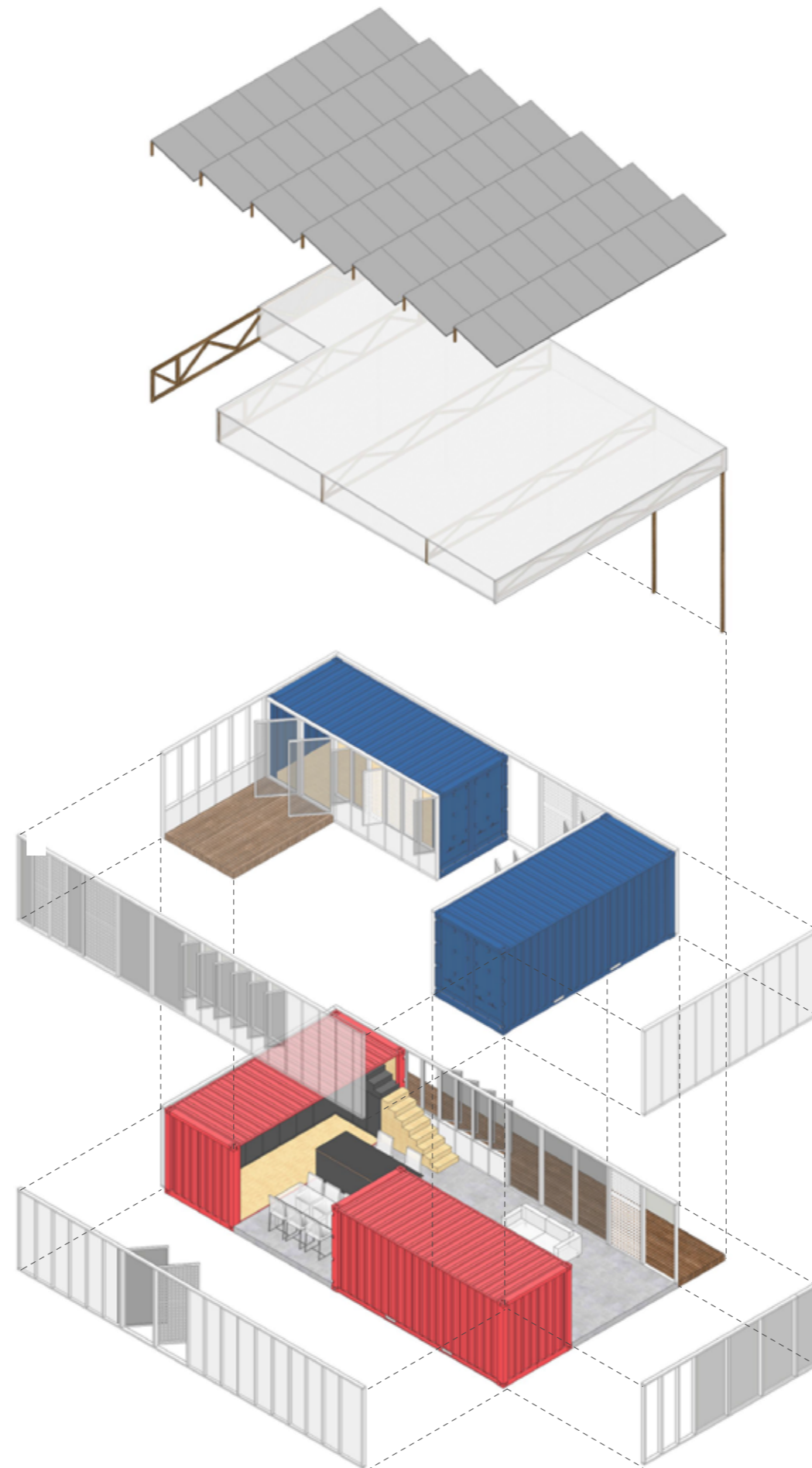


BREAKING THE PV CELLS APART IN A SAW TOOTH ENABLED A MORE MODULAR APPROACH AND REDUCES BUILDING HEIGHT



BREAKING APART SINGULAR SAW TOOTHED PANELS ALLOWS THEM TO SIT CLOSER TOGETHER WITHOUT OVER SHADOWING. THIS DOES NOT ACHIEVE DIRECT NORTHERN SUN HOWEVER ACHIEVES DEFUSED NORTHERN LIGHT





SOLAR PANELS

North facing raking pv cells fix to the trusses.

ROOF TRUSS

A series of prefabricated roof trusses span across the corners of the containers coming to ground only where there is an over hang. The trusses are wrapped to accommodate insulation and services.

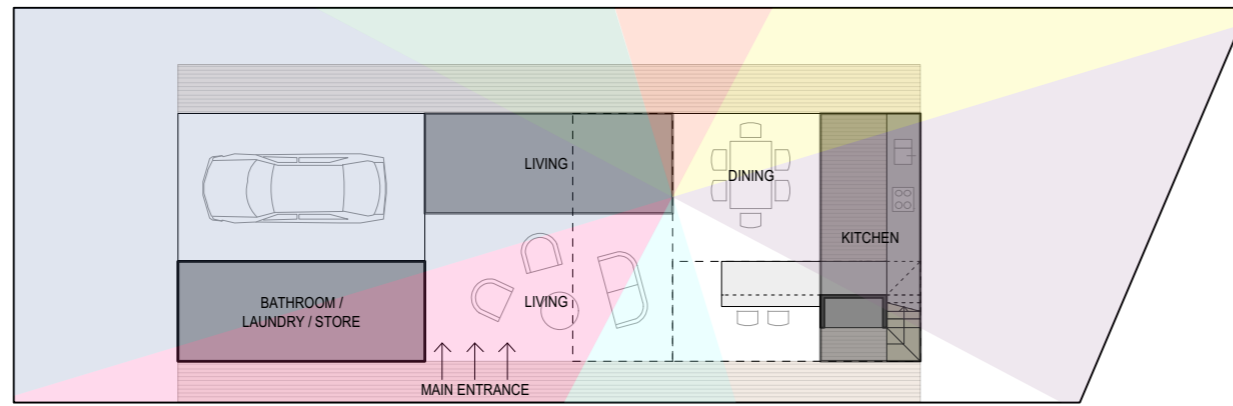
FIRST FLOOR CONTAINERS

On the first floor the containers are stacked within the ground floor modules and wrapped in the stud frame. In this instance a courtyard is created by leaving some of the timber studs open.

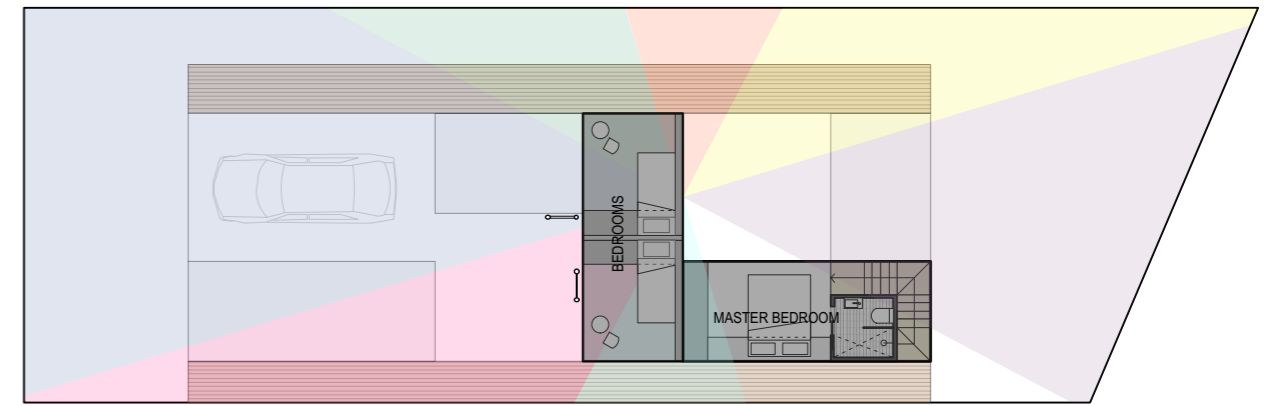
GROUND FLOOR MODULES

The collection of modules is wrapped in an insulated timber stud frame. Windows shutters, screens and solid panels in fill this framework.

- AVOID BEDROOM AND STUDY
- NORTH EAST COMBINES WELL WITH EAST FOR BEDROOM OR STUDY
- NORTH EAST, EAST AND SOUTH EAST SECTORS; MOST SUITABLE FOR BEDROOMS, STUDY, STUDIO. ALSO SUITABLE FOR OUTDOOR LIVING AND ENTERTAINMENT AND COURTYARDS
- NORTH EAST, EAST AND SOUTH EAST SECTORS; MOST SUITABLE FOR BEDROOMS, STUDY, STUDIO. ALSO SUITABLE FOR OUTDOOR LIVING AND ENTERTAINMENT AND COURTYARDS
- ENCLOSE, AVOID USE AS MAIN BEDROOM OR LIVING AREA, OR MAIN BACK DOOR.
-
- AVOID BEDHEAD
- NORTH, NORTHWEST AND WEST SECTORS MOST SUITABLE FOR OPEN, ACTIVE LIVING AREAS MAIN FRONT ENTRANCE NEEDS TO BE IN NORTHWEST SECTOR

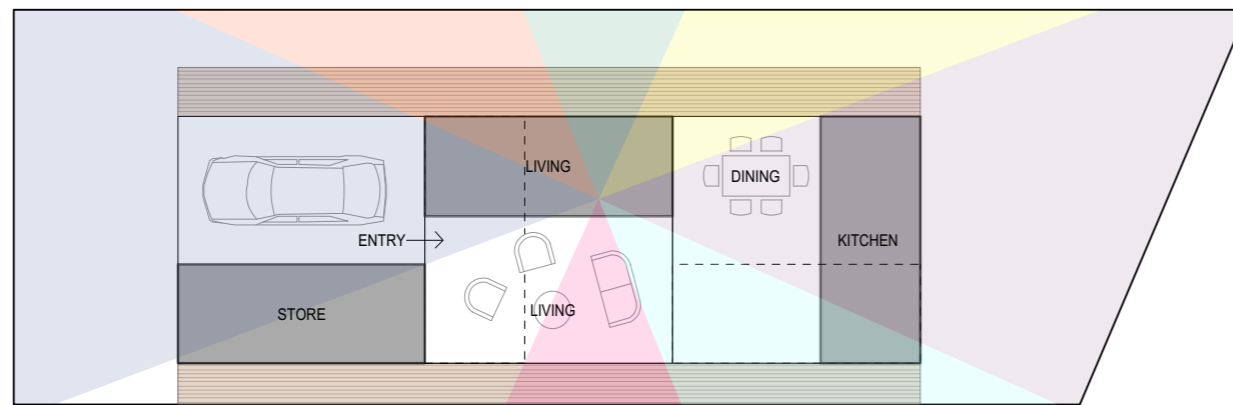


GROUND FLOOR PLAN FENG SHUI DIAGRAM 4

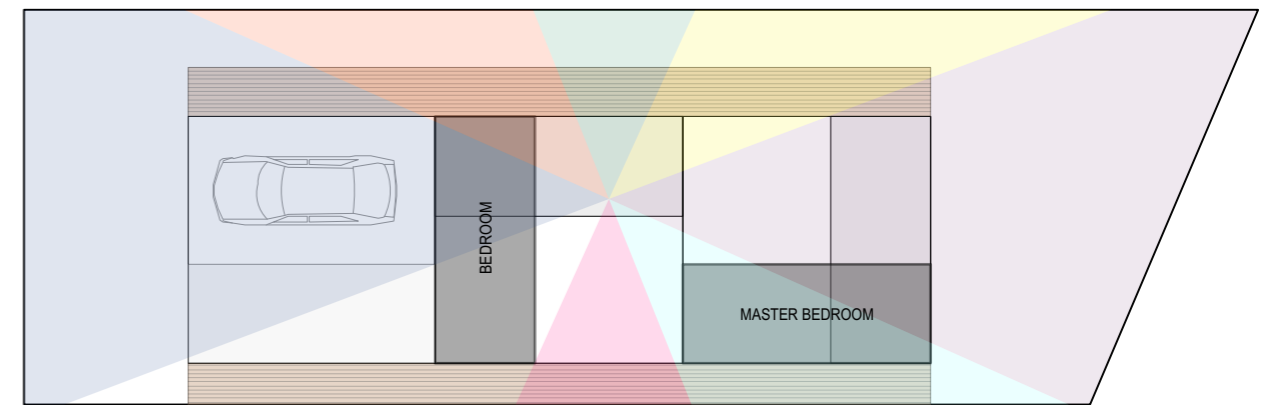


FIRST FLOOR PLAN - FENG SHUI DIAGRAM 4

- EAST, NORTH EAST, NORTH AND NORTH WEST SECTORS ALL VERY SUITABLE AS OPEN ACTIVE LIVING AREAS WHEN COMBINED/ OPEN MUST INCLUDE ENTRANCE.
- EAST, NORTH EAST, NORTH AND NORTH WEST SECTORS ALL VERY SUITABLE AS OPEN ACTIVE LIVING AREAS WHEN COMBINED/ OPEN MUST INCLUDE ENTRANCE.
- MOST SUITABLE FOR BEDROOM / STUDY
- AVOID BEDROOMS OR STUDY, BEST USED FOR STORAGE AREA. AVOID REAR ENTRY
- SUITABLE AS A MAIN LIVING AREA ENTRY, WET AREAS - LAUNDRY BATHROOM, ALSO ENTERTAINMENT AREAS (INDOORS AND OUTDOORS)
- BEST USED FOR MAIN BEDROOM OR STUDY
- AVOID BEDHEAD IN WEST
-

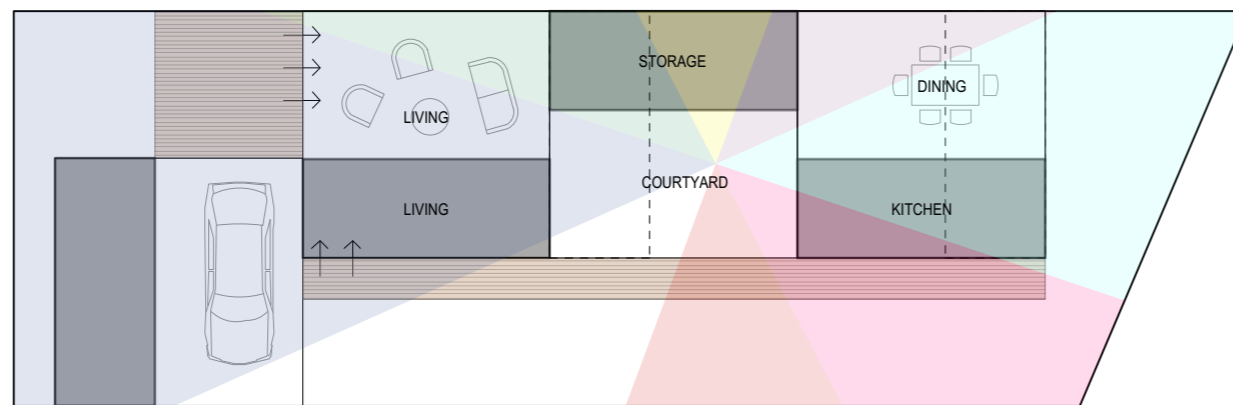


GROUND FLOOR PLAN - FENG SHUI DIAGRAM 3

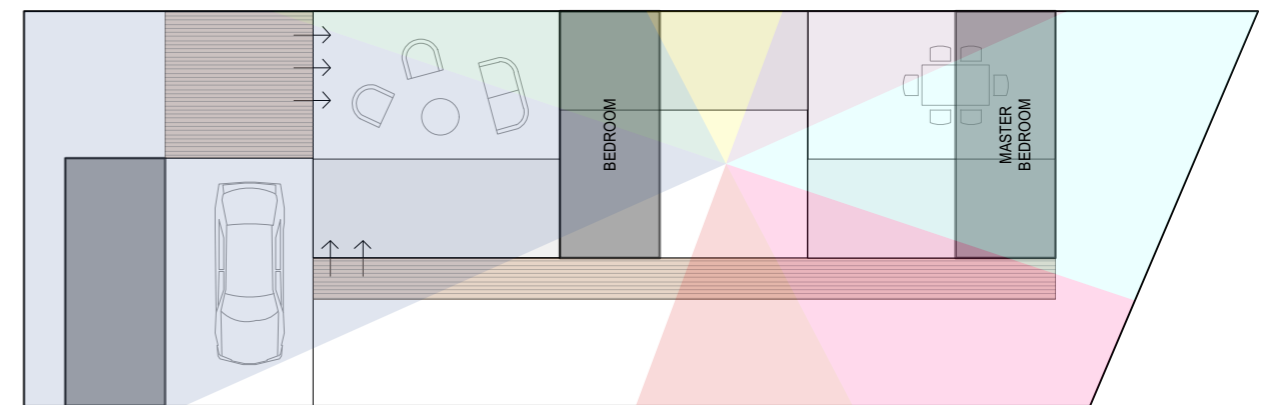


FIRST FLOOR PLAN - FENG SHUI DIAGRAM 3

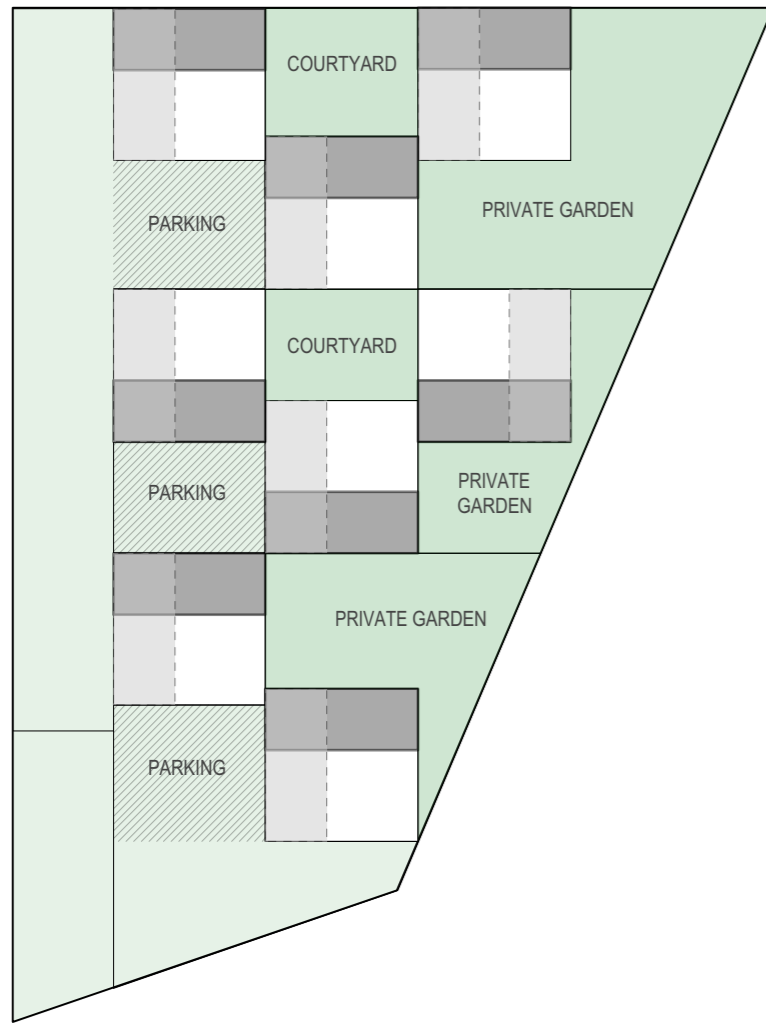
- SUITABLE FOR MAIN ENTRY ALL OPEN, ACTIVE LIVING AREAS
-
- AVOID BEDHEAD, STUDY OR ENTRY. STORAGE IS OKAY
- SOUTH AND EAST IF (COMBINED / OPEN TO SOUTH) SOUTH-WEST AND WEST (IF COMBINED / OPEN TO SOUTH - WEST) ARE SUITABLE FOR OPEN ACTIVE LIVING AREAS, ENTERTAINMENT AND COURTYARD
- SOUTH ALSO SUITABLE FOR BEDROOM, STUDY AND ENTRY
- SUITABLE FOR LIVING AREA AND ENTRY
- SUITABLE FOR BEDROOM
- AVOID BEDHEAD, ENTRY, STUDY. OKAY FOR STORAGE



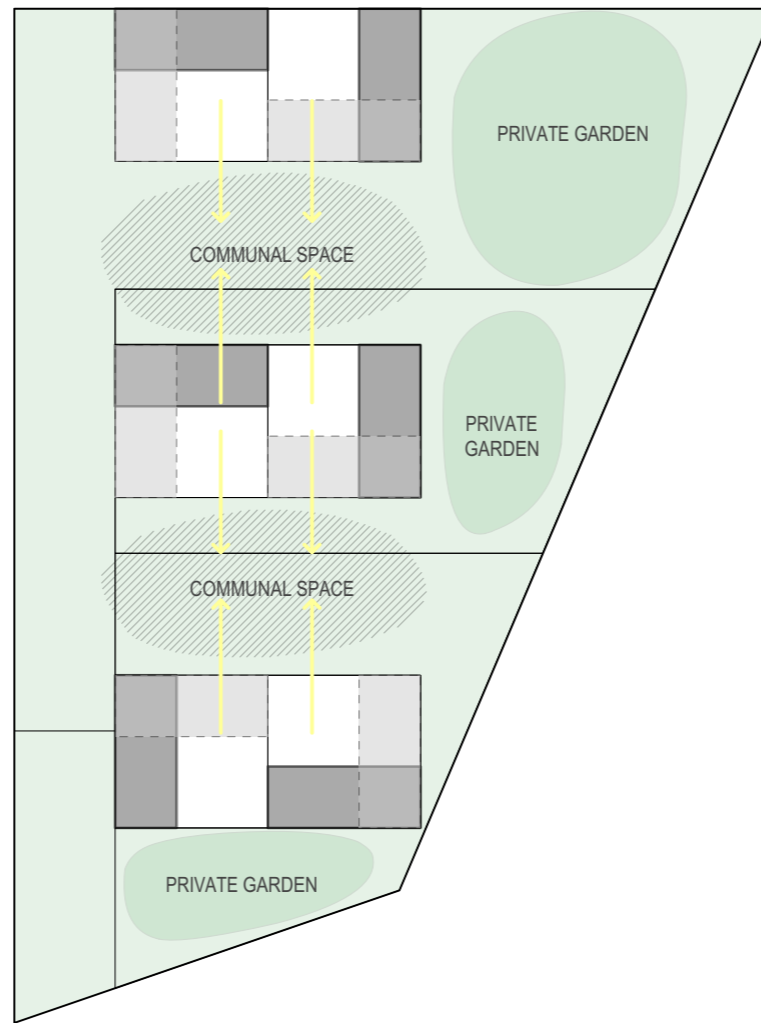
GROUND FLOOR PLAN - FENG SHUI DIAGRAM 2



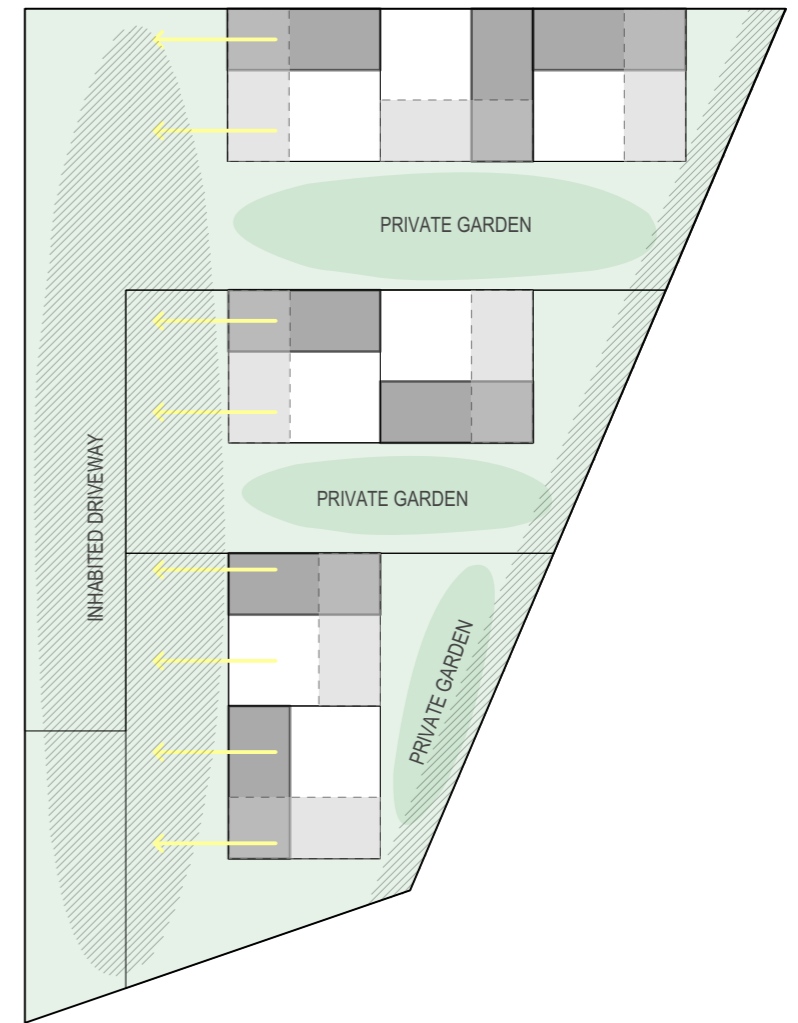
FIRST FLOOR PLAN - FENG SHUI DIAGRAM 2



COURTYARDS



COMMUNAL GARDENS



INHABITED DRIVEWAY



CALAIS ROAD

NEW HOME; OLD SITE



CALAIS ROAD

NEW HOME; OLD SITE

VIRGINIA + JOHN MOORE

(& GRAND DAUGHTER JADA)

A PROJECT THAT EMERGED IN RESPONSE TO AN AFFORDABILITY CRISIS

KIDS COULD NOT GET INTO PROPERTY MARKET

SO PARENTS SUB-DIVIDED AND GIFTED LAND

ORIGINAL FAMILY HOME OF 30 YEARS MAKES WAY

RETAINED: TERRACED GARDEN TO STREET; 2 MATURE GUM TREES TO REAR

BRIEF: A SITE-RESPONSIVE HOME; CAREFREE; MODEST; FUTURE-PROOFED

VIRGINIA: OCCUPATIONAL THERAPIST; KEENLY INVOLVED IN PROJECT, SELECTIONS, DELIVERY

JOHN: EDUCATOR; LARGELY RETIRED; SUPPORTIVE









