

GENERAL NOTES (NCC 2019 BCA Vol 2)

- ALL MATERIALS AND WORK PRACTICES SHALL COMPLY WITH, BUT NOT LIMITED TO THE BUILDING REGULATIONS 2018, NATIONAL CONSTRUCTION CODE SERIES 2019, THE BUILDING CODE OF AUSTRALIA VOL 2 AND ALL RELEVANT CURRENT AUSTRALIAN STANDARDS (AS AMENDED) REFERRED TO THEREIN.
 - UNLESS OTHERWISE SPECIFIED THE TERM BCA SHALL REFER TO NATIONAL CONSTRUCTION CODE SERIES 2019 BUILDING CODE OF AUSTRALIA VOLUME 2
 - ALL MATERIALS AND CONSTRUCTION PRACTICE SHALL MEET THE PERFORMANCE REQUIREMENTS OF THE BCA. WHERE A PERFORMANCE SOLUTION IS PROPOSED THEN, PRIOR TO IMPLEMENTATION OR INSTALLATION, IT FIRST MUST BE ASSESSED AND APPROVED BY THE RELEVANT BUILDING SURVEYOR AS MEETING THE PERFORMANCE REQUIREMENTS OF THE BCA.
 - GLAZING INCLUDING SAFETY GLAZING SHALL BE INSTALLED TO A SIZE, TYPE & THICKNESS SO AS TO COMPLY WITH;

- BCA PART 3.6 FOR CLASS 1 AND 10 BUILDINGS WITHIN A DESIGN WIND SPEED OF NOT MORE THAN N3, AND
 - BCA VOL 1 PART B1.4 FOR CLASS 2 TO 9 BUILDINGS
 - WATERPROOFING OF WET AREAS, BEING BATHROOMS, SHOWERS, SHOWER ROOMS, LAUNDRIES, SANITARY COMPARTMENTS AND THE LIKE SHALL BE PROVIDED IN ACCORDANCE WITH AS 3740-2010: WATERPROOFING OF DOMESTIC WET AREAS.

SUSTAINABILITY MEASURES FOR NEW CLASS 1 BUILDINGS.

THESE DRAWINGS SHALL BE READ IN CONJUNCTION WITH ANY HOUSE ENERGY RATING (HERS) REPORT AND SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE STAMPED PLANS ENDORSED BY THE ACCREDITED THERMAL PERFORMANCE ASSESSOR WITHOUT ALTERATION.

SITE BUSHFIRE ATTACK ASSESSMENT.

REFERENCE DOCUMENT AS 3959-2018 CONSTRUCTION OF BUILDINGS IN BUSHFIRE PRONE AREAS.
 - THESE DRAWINGS SHALL BE READ IN CONJUNCTION WITH ALL RELEVANT STRUCTURAL AND ALL OTHER CONSULTANTS DRAWINGS/ DETAILS AND WITH ANY OTHER WRITTEN INSTRUCTIONS ISSUED IN THE COURSE OF THE CONTRACT.
 - SITE PLAN MEASUREMENTS IN MILLIMETRES - ALL OTHER MEASUREMENTS IN MILLIMETRES U.N.O.
 - FIGURED DIMENSIONS TAKE PRECEDENCE OVER SCALED DIMENSIONS.
 - THE BUILDER SHALL TAKE ALL STEPS NECESSARY TO ENSURE THE STABILITY AND GENERAL WATER TIGHTNESS OF ALL NEW AND/OR EXISTING STRUCTURES DURING ALL WORKS.
 - THE BUILDER AND SUBCONTRACTORS SHALL CHECK AND VERIFY ALL DIMENSIONS, SETBACKS, LEVELS AND SPECIFICATIONS AND ALL OTHER RELEVANT DOCUMENTATION PRIOR TO THE COMMENCEMENT OF ANY WORKS. REPORT ALL DISCREPANCIES TO THIS OFFICE FOR CLARIFICATION

SITE CLASSIFICATION

SITE CLASSIFICATION AS CLASS:	H
REFER TO SOIL REPORT NO:	TBC
BY:	TBC

STORMWATER

90mm Ø (UPTO 250m²) OR 100mm Ø (OVER 250m²) CLASS 6 UPVC STORMWATER LINE LAID TO A MINIMUM GRADE OF 1:100 AND CONNECTED TO THE LEGAL POINT OF STORMWATER DISCHARGE. PROVIDE INSPECTION OPENINGS AT 9000MM C/C AND AT EACH CHANGE OF DIRECTION. THE COVER TO UNDERGROUND STORMWATER DRAINS SHALL BE NOT LESS THAN
 - 100MM UNDER SOIL
 - 50MM UNDER PAVED OR CONCRETE AREAS
 - 100MM UNDER UNREINFORCED CONCRETE OR PAVED DRIVEWAYS
 - 75MM UNDER REINFORCED CONCRETE DRIVEWAYS

AUTHORITIES/CONSULTANTS

MUNICIPALITY NAME:	MONASH CITY COUNCIL
SEWAGE AUTHORITY:	YARRA VALLEY WATER
CONSULTING STRUCTURAL ENGINEER:	TBC
GEOTECHNICAL ENGINEER:	TBC
THERMAL PERFORMANCE ASSESSOR:	TBC

- STEP SIZES (OTHER THAN FOR SPIRAL STAIRS) TO BE:
 - RISERS (R) 190MM MAXIMUM AND 115MM MINIMUM
 - GOING (G) 355MM MAXIMUM AND 240MM MINIMUM
 - 2R + 1G = 700MM MAXIMUM AND 550MM MINIMUM
 - WITH LESS THAN 125MM MAXIMUM GAP BETWEEN OPEN TREADS
 - ALL TREADS, LANDINGS AND THE LIKE TO HAVE A SLIP-RESISTANCE CLASSIFICATION OF P3 OR R10 FOR DRY SURFACE CONDITIONS AND P4 OR R11 FOR WET SURFACE CONDITIONS, OR A NOSING STRIP WITH A SLIP-RESISTANCE CLASSIFICATION OF P3 FOR DRY SURFACE CONDITIONS AND P4 FOR WET SURFACE CONDITIONS.
 - PROVIDE BARRIERS WHERE CHANGE IN LEVEL EXCEEDS 1000MM ABOVE THE SURFACE BENEATH LANDINGS, RAMPS AND/OR TREADS. BARRIERS (OTHER THAN TENSIONED WIRE BALUSTRADES) TO BE:
 - 1000MM MIN. ABOVE FINISHED SURFACE LEVEL OF BALCONIES, LANDINGS OR THE LIKE, AND
 - 865MM MIN. ABOVE FINISHED SURFACE LEVEL OF STAIR NOSING OR RAMP, AND
 - VERTICAL WITH LESS THAN 125MM GAP BETWEEN, AND
 - ANY HORIZONTAL ELEMENT WITHIN THE BALUSTRADE BETWEEN 150MM AND 760MM ABOVE THE FLOOR MUST NOT FACILITATE CLIMBING WHERE CHANGES IN LEVEL EXCEEDS 4000MM ABOVE THE SURFACE BENEATH LANDINGS, RAMPS AND/OR TREADS.
 - WIRE BARRIER CONSTRUCTION TO COMPLY WITH NCC 2019 BCA PART 3.9.2.3 FOR CLASS 1 AND 10 BUILDINGS AND NCC 2019 BCA VOLUME 1 PART D2.16 FOR OTHER CLASSES OF BUILDINGS.
 - TOP OF HAND RAILS TO BE 865MM MINIMUM ABOVE STAIR NOSING AND FLOOR SURFACE OF RAMPS.
 - WINDOW SIZES NOMINATED ARE NOMINAL ONLY. ACTUAL SIZE MAY VARY ACCORDING TO MANUFACTURER. WINDOWS TO BE FLASHED ALL AROUND.
 - WHERE THE BUILDING (EXCLUDES A DETACHED CLASS 10) IS LOCATED IN A TERMITE PRONE AREA THE AREA TO UNDERSIDE OF BUILDING AND PERIMETER IS TO BE PROVIDED WITH A TERMITE MANAGEMENT SYSTEM.
 - CONCRETE STUMPS: UP TO 1400MM LONG TO BE 100MM X 100MM (1 NO. H.D. WIRE) 1401MM TO 1800MM LONG TO BE 100MM X 100MM (2 NO. H.D. WIRES) 1801MM TO 3000MM LONG TO BE 125MM X 125MM (2 NO. H.D. WIRES)
 100MM X 100MM STUMPS EXCEEDING 1200MM ABOVE GROUND LEVEL TO BE BRACED WHERE NO PERIMETER BASE BRICKWORK PROVIDED.
 - BUILDINGS IN MARINE OR OTHER EXPOSURE ENVIRONMENTS SHALL HAVE MASONRY UNITS, MORTAR AND ALL BUILT IN COMPONENTS AND THE LIKE COMPLYING WITH THE DURABILITY REQUIREMENTS OF TABLE 4.1 OF AS4773.1-2015 MASONRY IN SMALL BUILDINGS PART 1:DESIGN
 - EXTERNAL WALL TO BE PROVIDED WITH AS 4200.1 COMPLIANT VAPOUR PERMEABLE MEMBRANES INSTALLED IN ACCORDANCE WITH AS 4200.2
 - ALL STORMWATER TO BE TAKEN TO THE LEGAL POINT OF DISCHARGE TO THE RELEVANT AUTHORITIES APPROVAL.
 - INSTALLATION OF ALL SERVICES SHALL COMPLY WITH THE RESPECTIVE SUPPLY AUTHORITY REQUIREMENTS.
 EXHAUST SYSTEMS INSTALLED IN A KITCHEN, BATHROOM, SANITARY COMPARTMENT OR LAUNDRY MUST HAVE A MINIMUM FLOW RATE OF 25 L/S FOR A BATHROOM OR SANITARY COMPARTMENT AND 40 L/S FOR A KITCHEN OR LAUNDRY AND MUST BE DISCHARGED DIRECTLY OR VIA A SHAFT OR DUCT TO OUTDOOR AIR.
 - THE BUILDER AND SUBCONTRACTOR SHALL ENSURE THAT ALL STORMWATER DRAINS, SEWER PIPES AND THE LIKE ARE LOCATED AT A SUFFICIENT DISTANCE FROM ANY BUILDINGS FOOTING AND/OR SLAB EDGE BEAMS SO AS TO PREVENT GENERAL MOISTURE PENETRATION, DAMPNES, WEAKENING AND UNDERMINING OF ANY BUILDING AND ITS FOOTING SYSTEM.
 - THESE PLANS HAVE BEEN PREPARED FOR THE EXCLUSIVE USE BY THE CLIENT OF HARGREAVES DESIGN GROUP ('THE DESIGNER') FOR THE PURPOSE EXPRESSLY NOTIFIED TO THE DESIGNER. ANY OTHER PERSON WHO USES OR RELIES ON THESE PLANS WITHOUT THE DESIGNER'S WRITTEN CONSENT DOES SO AT THEIR OWN RISK AND NO RESPONSIBILITY IS ACCEPTED BY THE DESIGNER FOR SUCH USE AND/ OR RELIANCE.
 - A BUILDING PERMIT IS REQUIRED PRIOR TO THE COMMENCEMENT OF THESE WORKS. THE RELEASE OF THESE DOCUMENTS IS CONDITIONAL TO THE OWNER OBTAINING THE REQUIRED BUILDING PERMIT.

- THE CLIENT AND/OR THE CLIENT'S BUILDER SHALL NOT MODIFY OR AMEND THE PLANS WITHOUT THE KNOWLEDGE AND CONSENT OF HARGREAVES DESIGN GROUP EXCEPT WHERE A REGISTERED BUILDING SURVEYOR MAKES MINOR NECESSARY CHANGES TO FACILITATE THE BUILDING PERMIT APPLICATION AND THAT SUCH CHANGES ARE PROMPTLY REPORTED BACK TO HARGREAVES DESIGN GROUP.
 - THE APPROVAL BY THIS OFFICE OF A SUBSTITUTE MATERIAL, WORK PRACTICE, VARIATION OR THE LIKE IS NOT AN AUTHORISATION FOR ITS USE OR A CONTRACT VARIATION. ALL VARIATIONS MUST BE ACCEPTED BY ALL PARTIES TO THE AGREEMENT AND WHERE APPLICABLE THE RELEVANT BUILDING SURVEYOR PRIOR TO IMPLEMENTING ANY VARIATION.
 THESE DRAWINGS SHALL BE READ IN CONJUNCTION WITH ALL RELEVANT STRUCTURAL AND ALL OTHER CONSULTANTS DRAWINGS/DETAILS AND WITH ANY OTHER WRITTEN INSTRUCTIONS ISSUED IN THE COURSE OF THE CONTRACT. ALL MEASUREMENTS IN MILLIMETRES UNLESS NOTED OTHERWISE.
 FIGURED DIMENSIONS TAKE PRECEDENCE OVER SCALED DIMENSIONS.
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 INSTALLATION OF ALL SERVICES SHALL COMPLY WITH THE RESPECTIVE SUPPLY AUTHORITY REQUIREMENTS.

BUSHFIRE ATTACK LEVEL:- (BAL)

TBC

ALL HOMES TO COMPLY WITH AS 3959-2018 (BAL)

WIND SPEED ASSESSMENT:

MAXIMUM DESIGN GUST WIND SPEED FOR THIS SITE IS:

TBC

IMPORTANT NOTE:

THE WIND SPEED CALCULATION IS TAKEN FROM THE JOB SPECIFIC SOIL REPORT (FRONT PAGE)

STANDARD HOMES ARE DESIGNED TO SUIT A MINIMUM WIND GUST SPEED OF 33 m/s

ADVERTISED PLAN

ISSUE	AMENDMENT DETAILS
A	INITIAL WORKING DRAWINGS ISSUE BP - 14/05/21
B	AMEND PER CLIENTS MARKUP NT - 21/09/21
C	AMENDS AS PER EMAIL FROM YVW (OFFSET CHANGE) RF -25/10/21
D	MINOR AMENDS (ADD EXT. DOOR TO BUTLER'S) RF-18/01/21
E	AMENDS TP RF -17/02/22
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proposed: **EXTENSION**

for: **CINDY & CHEN TAN**

address: **7 WESTHAM COURT**

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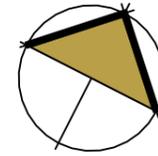
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drawn: **BP** date: **14/05/21** scale:

sheet: **1 of 17** issue: **E** date: **17/02/22**

job no.: **21-04085**

ADVERTISED PLAN



EXISTING AREAS TABLE		
AREAS	(m ²)	(sq)
GROUND FLOOR	165.90 m ²	17.86
FIRST FLOOR	154.81 m ²	16.66
SUB TOTAL EXISTING:	320.71 m ²	34.52
GARAGE	39.18 m ²	4.22
PORCH	11.45 m ²	1.23
OUTDOOR LIVING	15.94 m ²	1.72
BALCONY	10.53 m ²	1.13
TOTAL OTHER (EXISTING)	77.10 m ²	8.30
EXISTING	397.80 m ²	42.82



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drawing: **EXISTING/DEMO GROUND FL.**

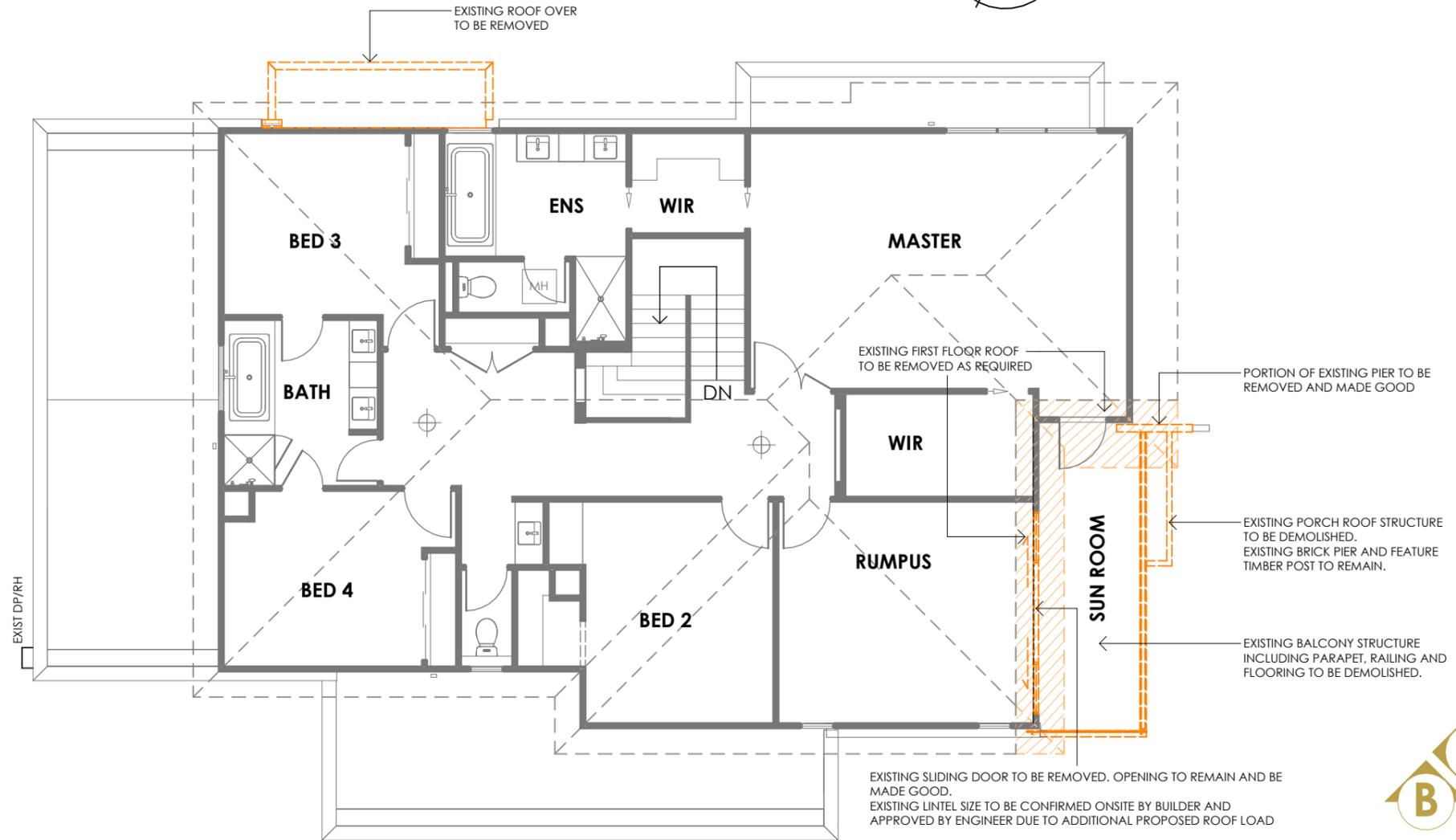
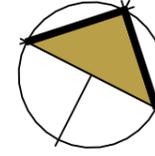
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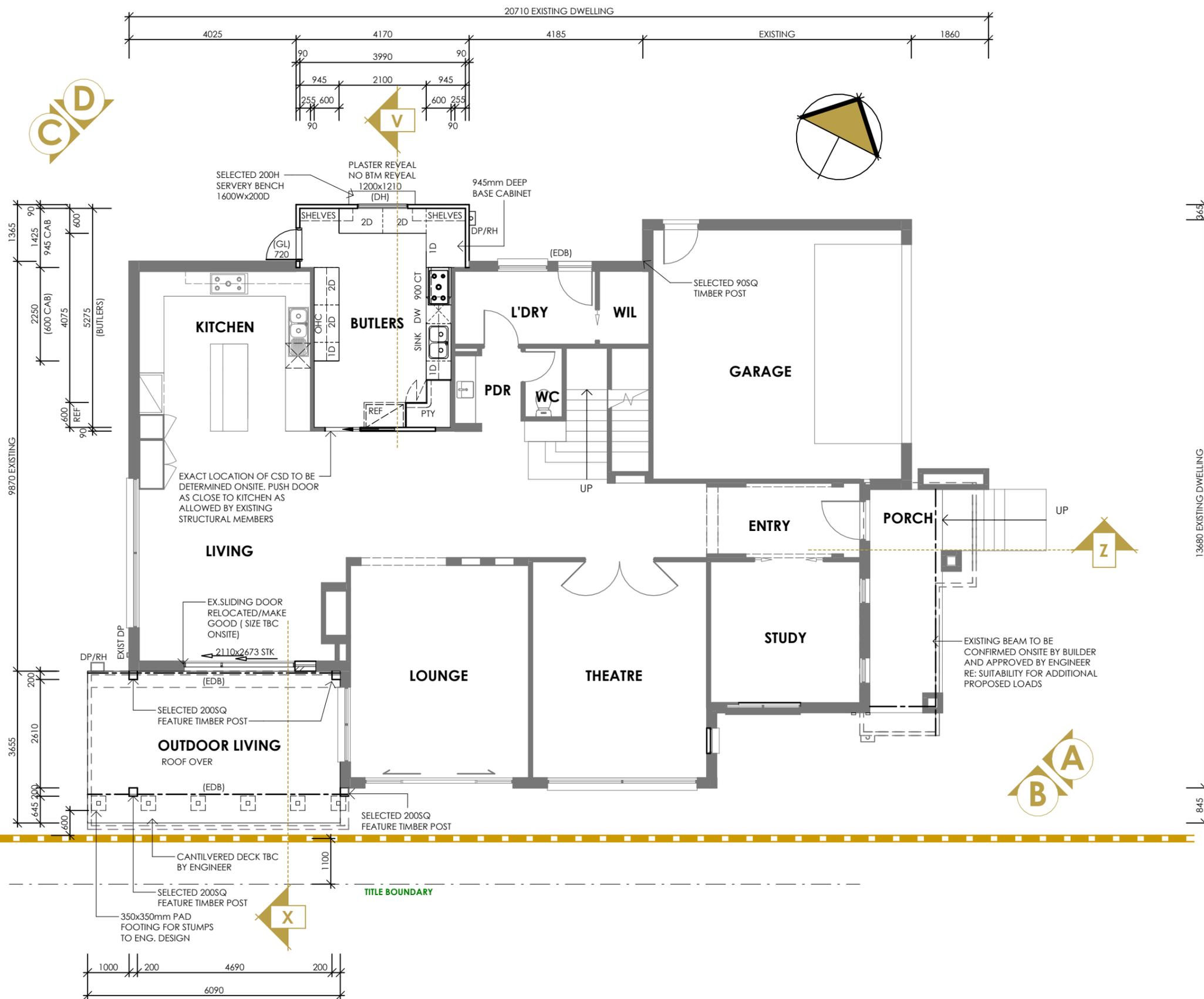
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ADVERTISED PLAN

- GENERAL NOTES:**
- WRITTEN DIMENSIONS ALWAYS TAKE PREFERENCE OVER SCALE
 - BUILDER MAY ADJUST GARAGE DOOR HEIGHT ON SITE AS REQUIRED
 - UNLESS OTHERWISE INDICATED ALL WALL DIMENSIONS ARE:
 - EXTERNAL 240mm = 110 BRICK, 40 CAVITY, 90 STUD
 - INTERNAL 90mm STUD
 - ALL INTERNAL DOORS TO BE 2040H (2340H NOTED WITH ASTERISK - 820")
 - PROVIDE REMOVABLE HINGES TO HINGED WC & POWDER
 - ROOM DOORS WHERE INDICATED (LH)
 - PROVIDE WEATHER STRIPS TO FRONT ENTRY DOOR (MH)
 - 600x600 CEILING ACCESS MANHOLE LOCATION
 - SMOKE DETECTOR (INTERCONNECTED WITH BATTERY BACKUP)
 - ENGINEER DESIGNED BEAM - (EDB)
 - DOUBLE GLAZING - (DG)
 - BRICKWORK ARTICULATION JOINT
 - EXTERNAL PLUMBING POINTS TO PLUMBER'S DISCRETION
 - SAFETY GLASS WHERE WINDOW IS WITHIN 2m OF SHR/BATH BASE
 - BIB TAP
 - RECYCLED TAP
 - GAS METER - 1m CLEARANCE TO OPENINGS & IGNITION SOURCES
 - HWS WATER SERVICE TO BE 500mm CLEAR OF BLDG OPENINGS

ADVERTISED PLAN

PROPOSED AREAS TABLE		
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PORCH	10.30 m ²	1.11
SUB TOTAL OTHER (EXISTING)	49.48 m ²	5.33
TOTAL EXISTING	370.01 m ²	39.83
GROUND FLOOR ADDITION	19.02 m ²	2.05
FIRST FLOOR ADDITION	13.51 m ²	1.45
SUB TOTAL (PROPOSED)	32.53 m ²	3.50
OUTDOOR LIVING	22.43 m ²	2.41
SUB TOTAL OTHER (PROPOSED)	22.43 m ²	2.41
TOTAL PROPOSED	54.96 m ²	5.92
GRAND TOTAL	424.96 m ²	45.74



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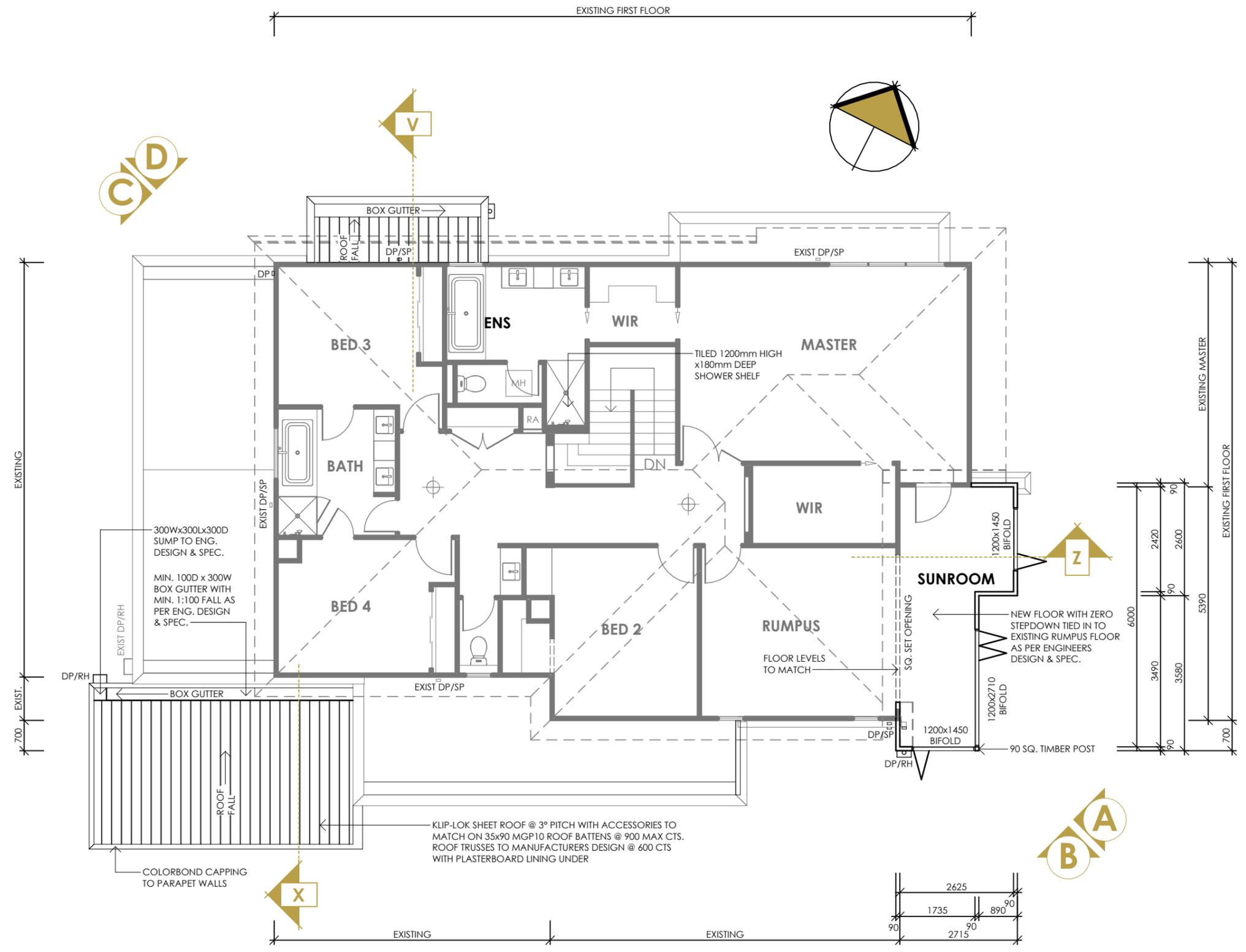
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 - PROVIDE REMOVABLE HINGES TO HINGED WC & POWDER
 - ROOM DOORS WHERE INDICATED (LH)
 - PROVIDE WEATHER STRIPS TO FRONT ENTRY DOOR
 - 600x600 CEILING ACCESS MANHOLE LOCATION
 - SMOKE DETECTOR (INTERCONNECTED WITH BATTERY BACKUP)
 - ENGINEER DESIGNED BEAM - (EDB)
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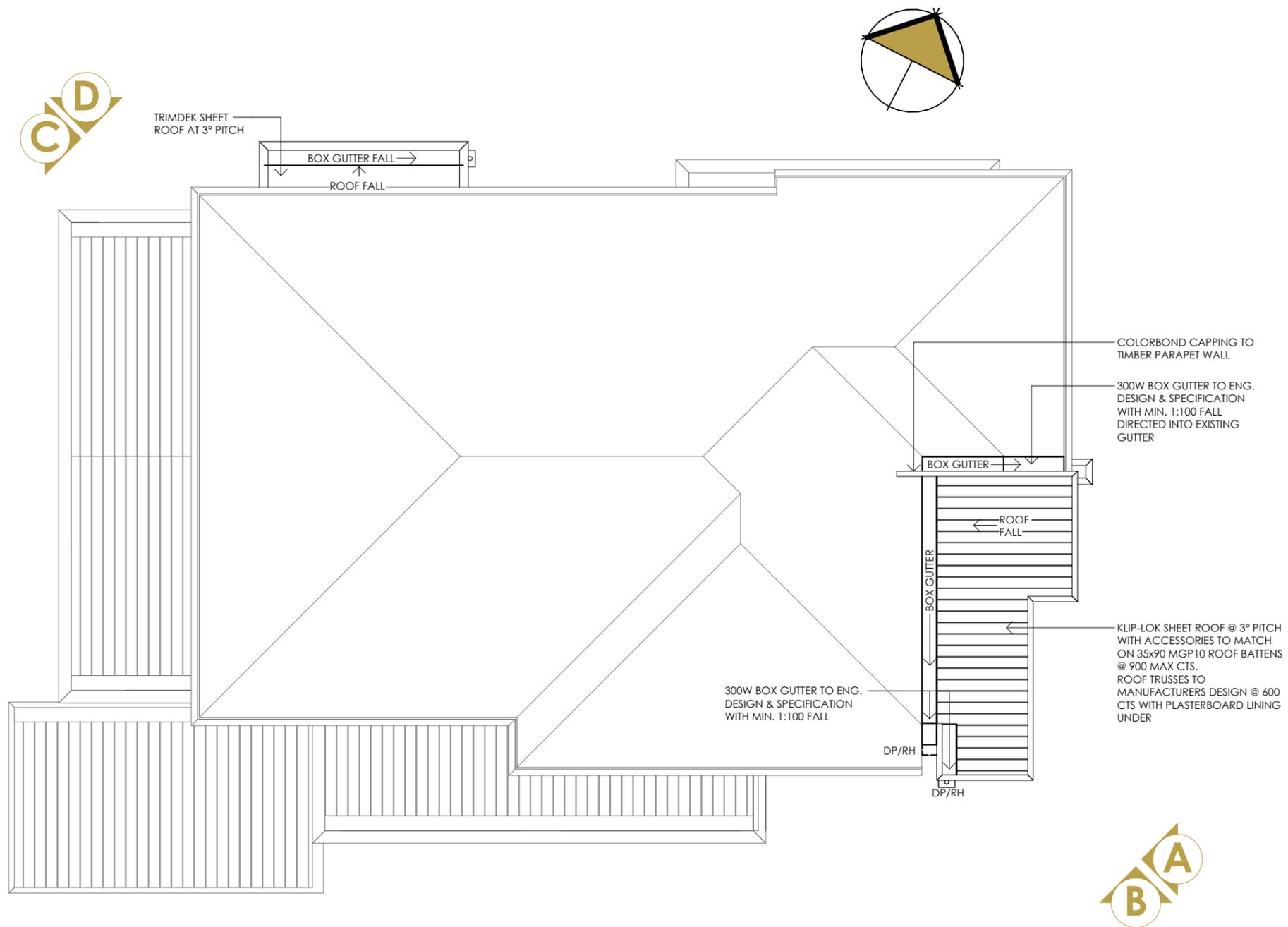
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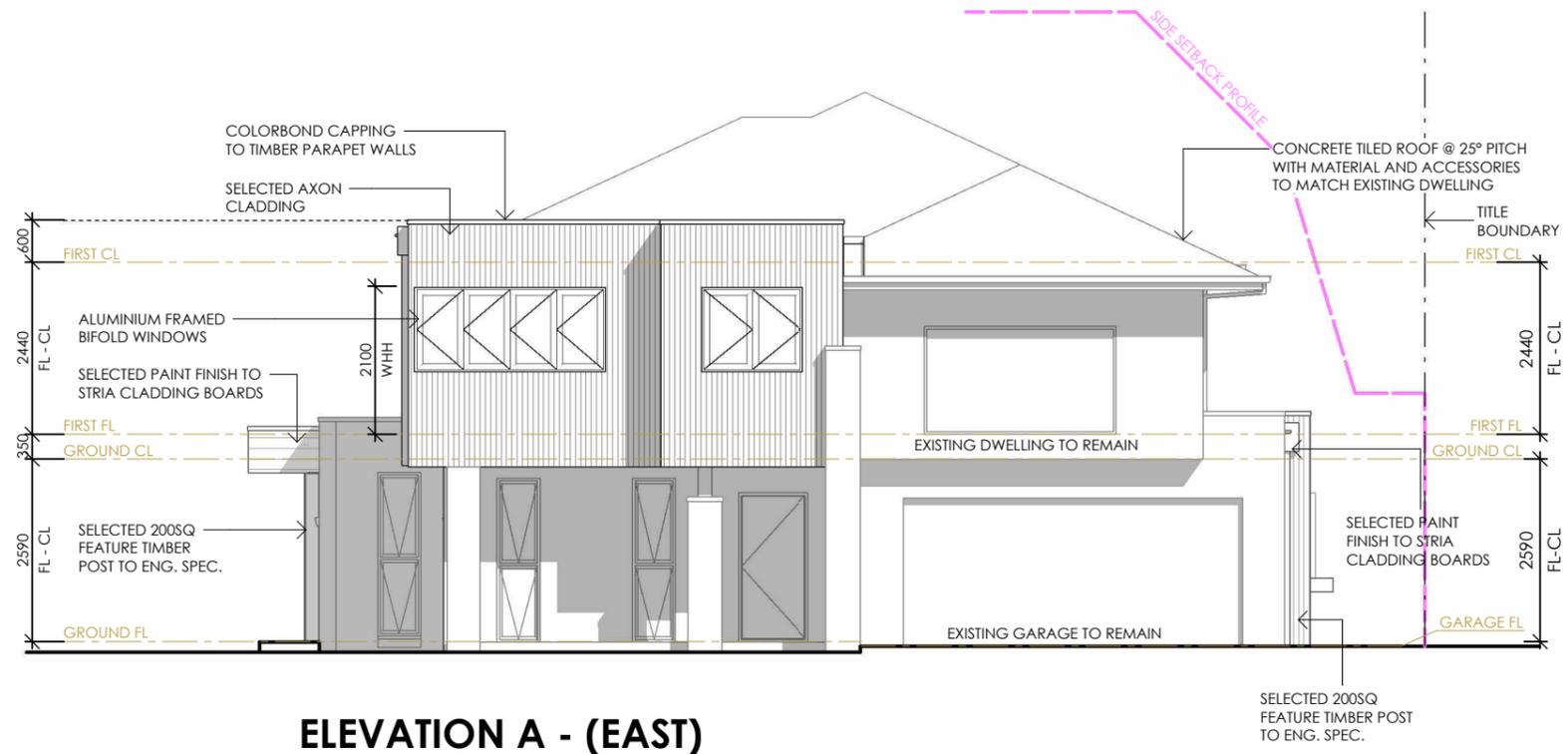
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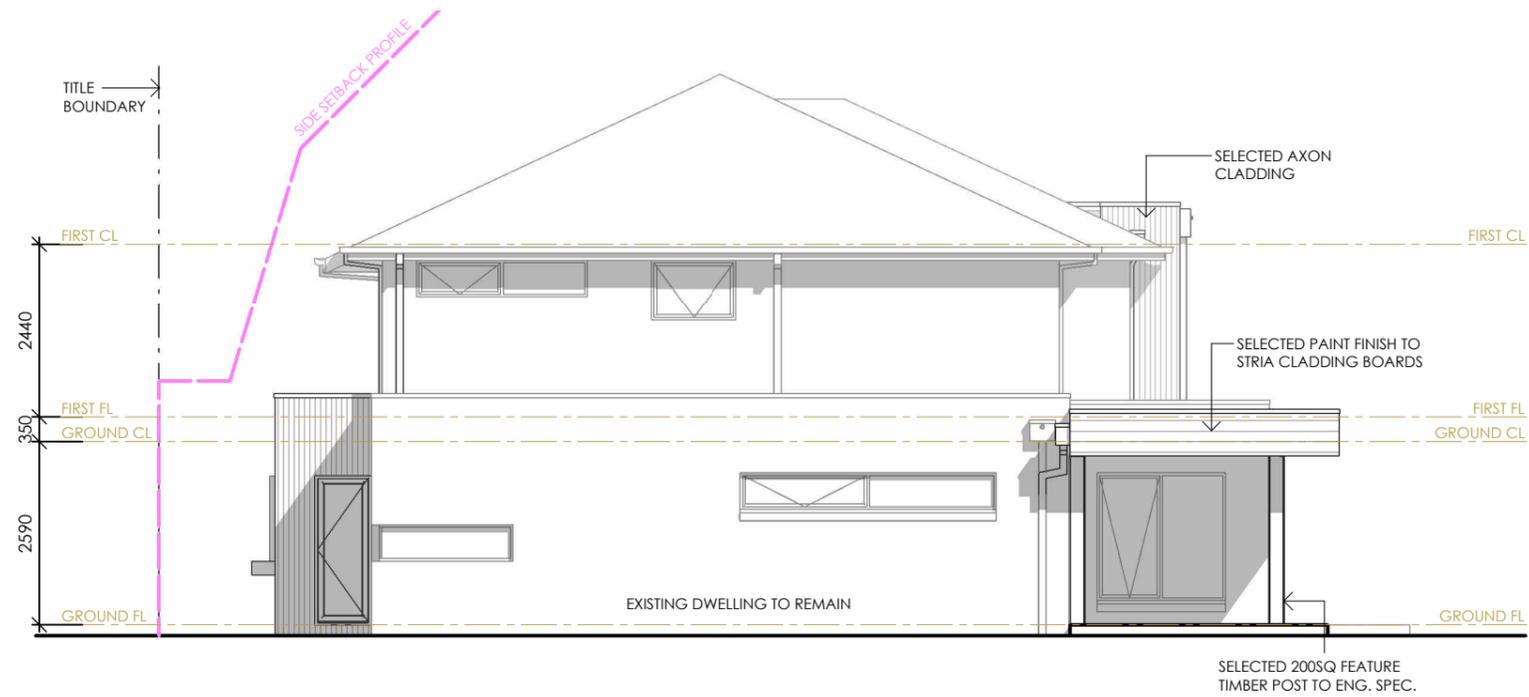
ELEVATION A - (EAST)

ADVERTISED PLAN



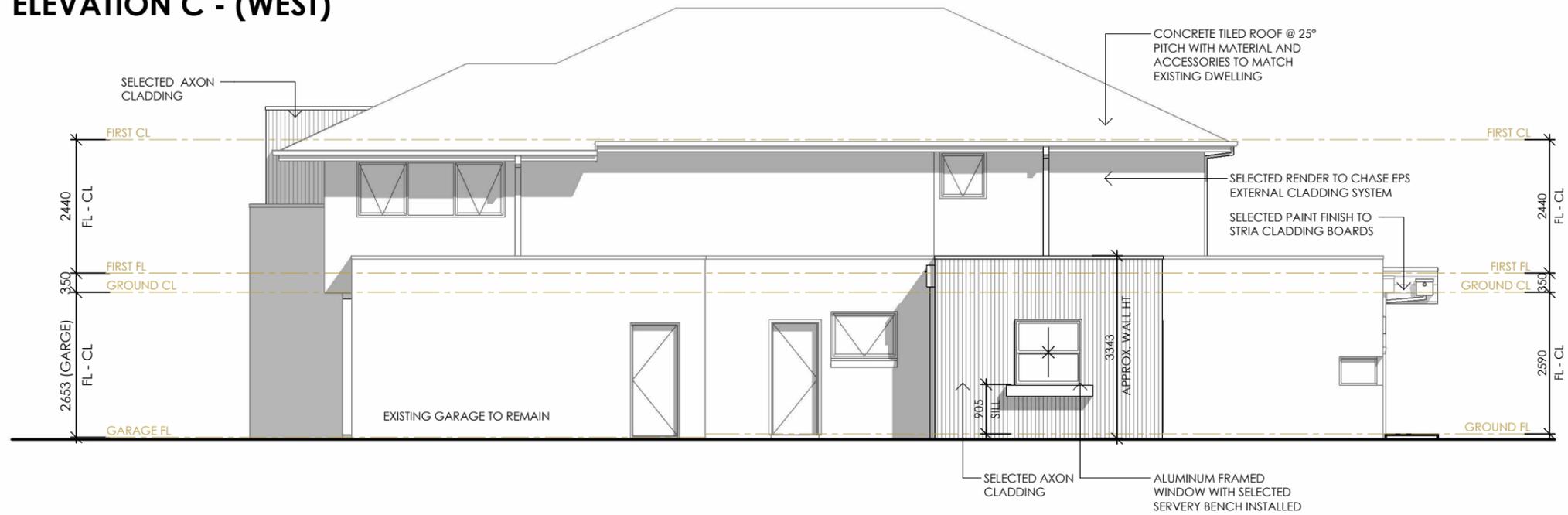
ELEVATION B - (SOUTH)

EXTERNAL DOOR THRESHOLDS:
THRESHOLDS OF EXTERNAL DOORS TO BE NO GREATER THAN 230MM ABOVE THE ADJOINING SURFACE



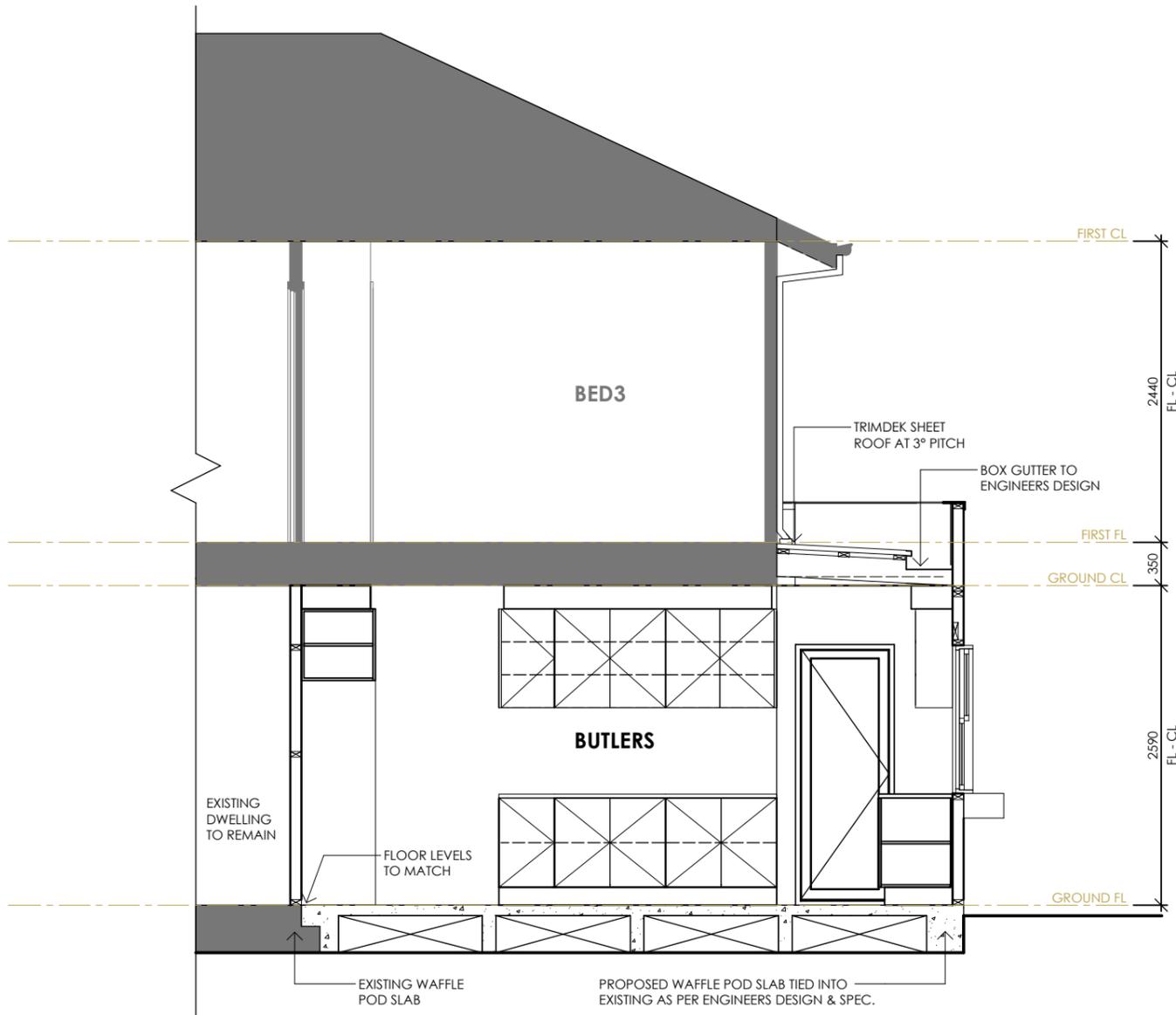
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ELEVATION C - (WEST)

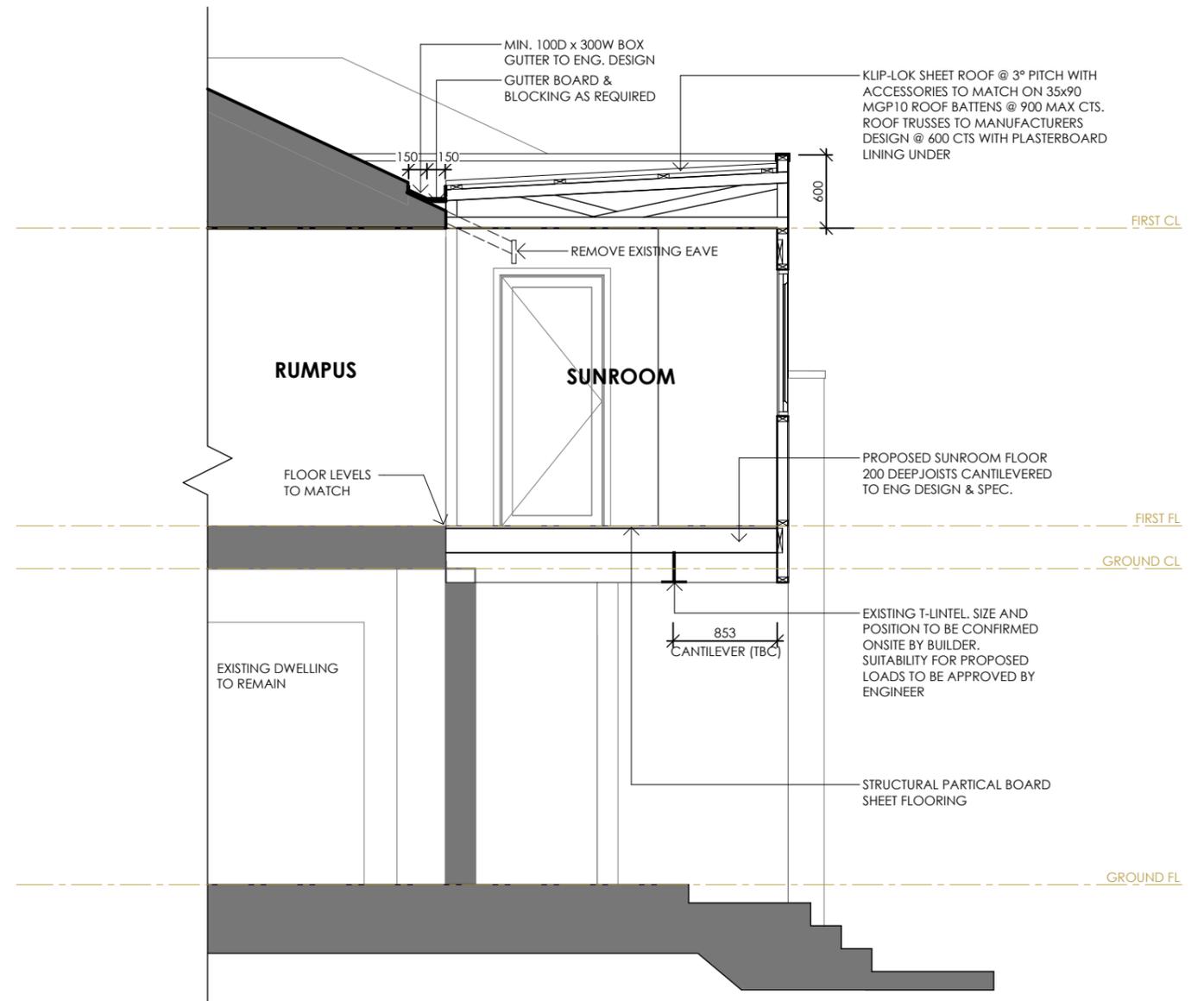


ELEVATION D - (NORTH)

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SECTION V



SECTION Z



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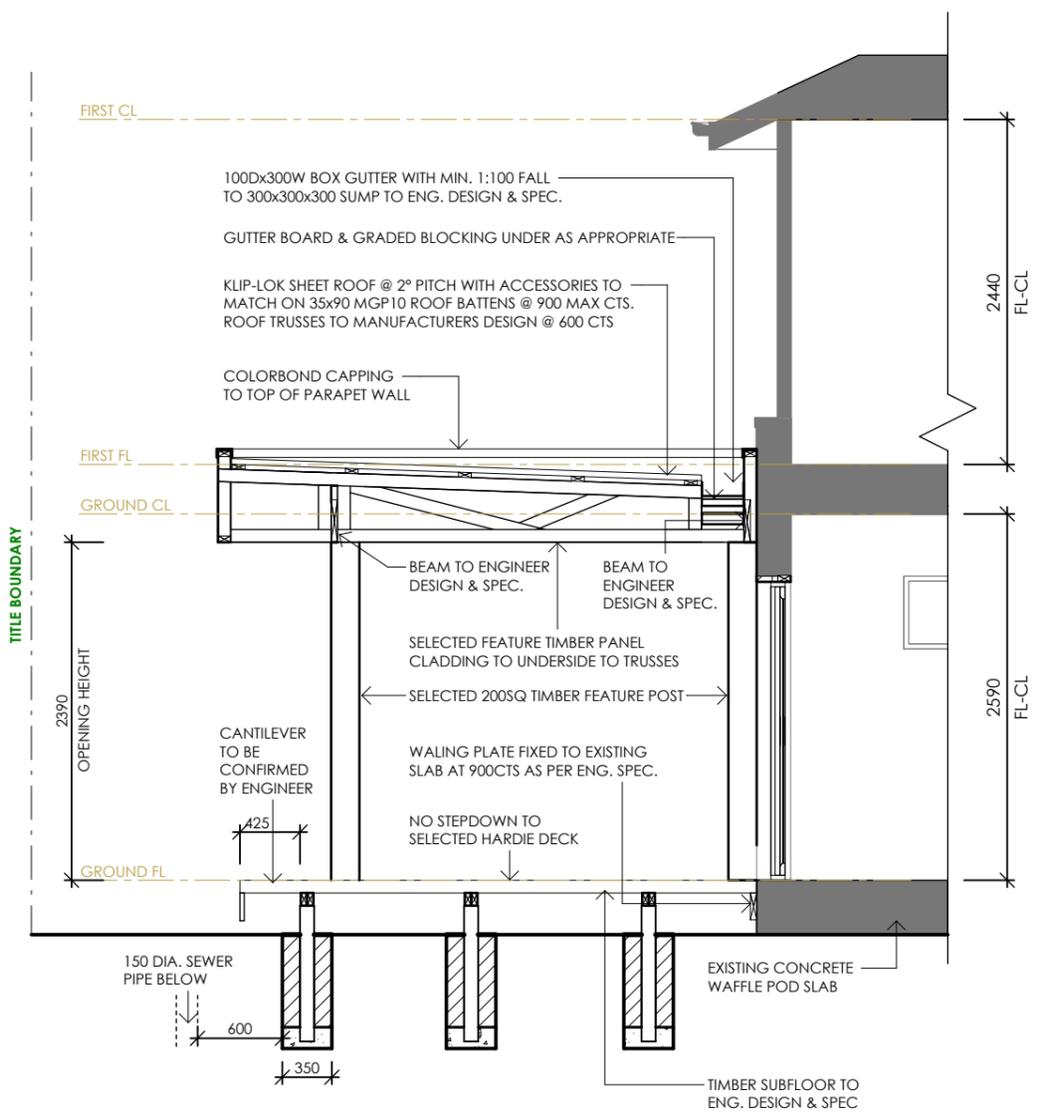
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SECTION X
1 : 50

EXTERNAL LINTEL SCHEDULE

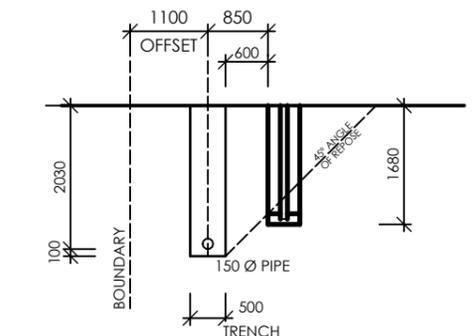
UPPER FLOOR LINTELS - BASED ON 500mm OF VENEER OVER

SPAN (UP TO)	SIZE	ANGLE
1200mm	75x75x8	MS ANGLE
2100mm	75x100x8	MS ANGLE
3000mm	100x100x8	MS ANGLE

LOWER FLOOR LINTELS - BASED ON 3000mm OF VENEER OVER

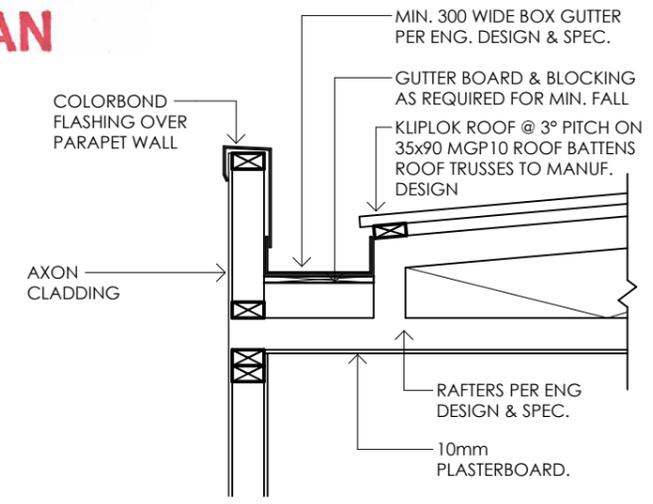
SPAN (UP TO)	SIZE	ANGLE
1200mm	75x100x8	MS ANGLE
2100mm	100x100x8	MS ANGLE
3000mm	150x100x10	MS ANGLE

FIRST DIMENSION VERTICAL, 120mm MIN. END BEARING TO LINTELS



ANGLE OF REPOSE DETAIL
1 : 100

ADVERTISED PLAN



TYP. BOX GUTTER DETAIL
SCALE 1:20

TIMBER FRAMING SCHEDULE RLW : 7500

**SINGLE STOREY OR UPPER STOREY LOADBEARING WALLS
CONCRETE TILED ROOF - TRUSSES @ 600 CTS**

MEMBER	SIZE	G	SPAN	CTRS
WAFFLE POD CONCRETE SLAB FLOOR				
Btm. plate	90x35	MGP10		
Top plate	2/90x35	MGP10		
Studs	90x35	MGP10		450
Jamb studs 1	90x45	MGP10		1800
Jamb studs 2	2/90x45	MGP10		3100
Wall bracing	IN ACCORDANCE WITH AS 1684-2010			
Noggings	70x35	MGP10		1350
Lintel 1	200x35	LVL15	1800	
Lintel 2	2/200x35	LVL15	2300	
Lintel 3	2/300x35	LVL15	3350	
Porch Beam	AS PER ENG.	-	-	
LINTELS IN LOWER STOREY WALLS OF A TWO STOREY TO ENGINEERS DESIGN				
TRUSSED ROOF				
TIMBER FABRICATED AS PER MANUF. SPECIFICATIONS @ MAX 600 CTS				

* Sizes may be built up using vertical nail lamination

NON LOADBEARING WALLS

MEMBER	SIZE	G	SPAN	CTRS
WAFFLE POD CONCRETE SLAB FLOOR				
Btm. plate	90x35	MGP10		
Top plate	2/90x35	MGP10		
Studs	90x35	MGP10		600
Jamb studs 1	90x45	MGP10		1300



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drawing: **SECTIONS**

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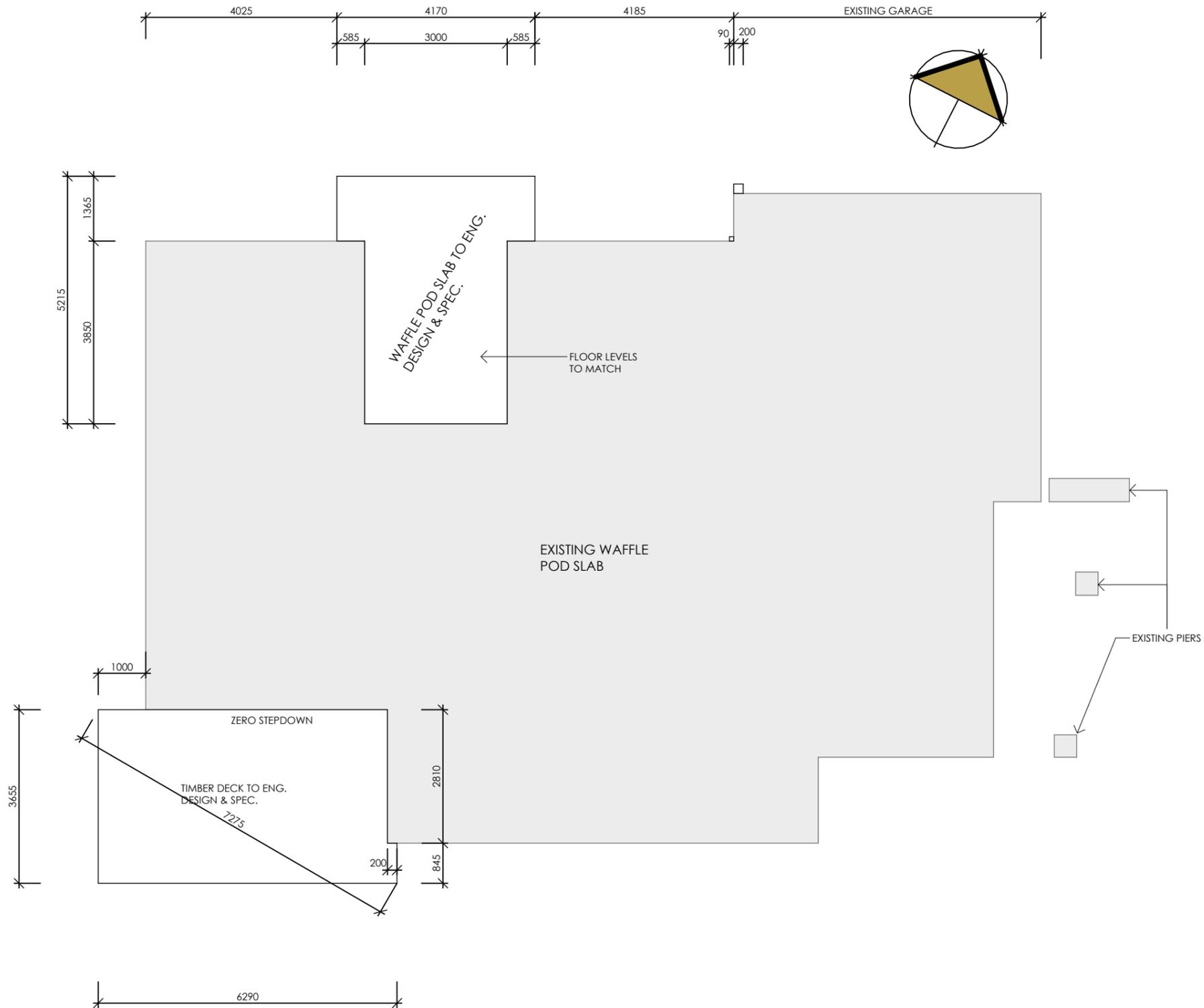
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drawn: **BP** date: **14/05/21** scale: **As indicated**

sheet: **11** of **17** issue: **E** date: **17/02/22**

job no.: **21-04085**

**ADVERTISED
PLAN**



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HARGREAVES
DESIGN GROUP

proposed: **EXTENSION**

for: **CINDY & CHEN TAN**
drawing: **SETOUT PLAN**

address: **7 WESTHAM COURT**
MULGRAVE, 3170

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drawn: **BP** date: **14/05/21** scale: **1 : 100**

sheet: **12** of **17** issue: **E** date: **17/02/22**

job no.: **21-04085**

LIGHTING LEGEND

- CEILING LIGHT BATTEN HOLDER
- 90mm DOWNLIGHT
- 70mm DOWNLIGHT
- 50mm DOWNLIGHT
- WALL STAIR LIGHT
- EXTERNAL LIGHT POINT
- HEATER/FAN & LIGHT - 2 GLOBE
- HEATER/FAN & LIGHT - 4 GLOBE
- JUNCTION BOX
- CEILING FAN
- CEILING FAN WITH LIGHT
- PARA FLOOD LIGHT - SINGLE
- PARA FLOOD LIGHT - DOUBLE
- ROUND FLUORO
- 1200 1200 FLUORO - SINGLE
- 1200 1200 FLUORO - DOUBLE
- WALL LIGHT BATTEN HOLDER
- MOTION SENSOR
- CEILING EXHAUST FAN
- CEILING EXHAUST FAN SWITCHED WITH LIGHT
- SUSPENDED PENDANT

HEAT/COOL LEGEND

- CEILING HEATING DUCT (APPROX)
- DUCTED HEATING UNIT IN CEILING
- CEILING HEAT/COOL DUCT
- REV CYCLE DUCTED HEAT/COOL UNIT
- THERMOSTAT
- RETURN AIR
- EVAPORATIVE COOLING DUCT
- EVAPORATIVE COOLING UNIT
- AC CONDENSOR UNIT
- AC HEAD UNIT
- COOLING UNIT

POWER LEGEND

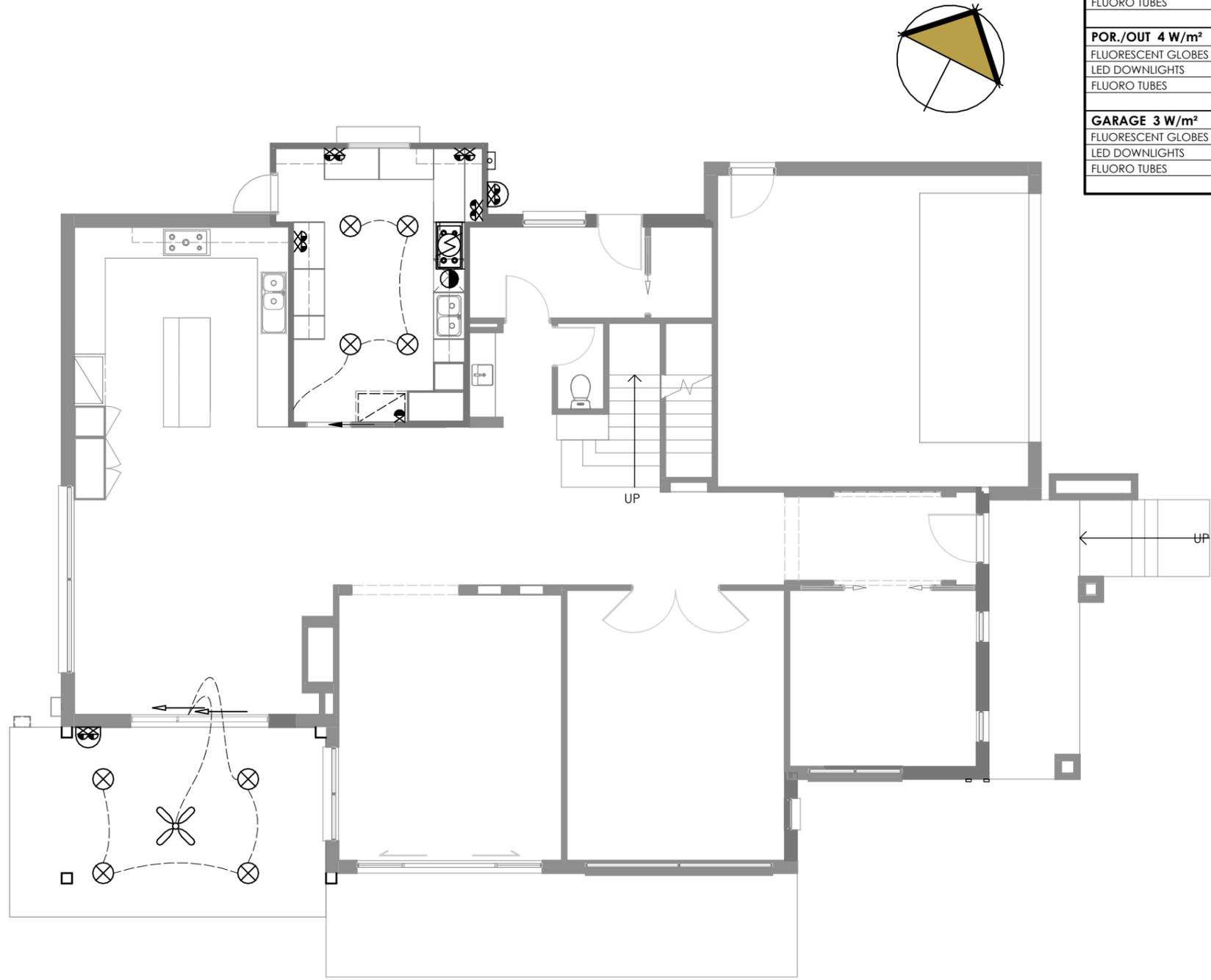
- SINGLE GPO - 300mm
- SINGLE GPO - 1100mm
- SINGLE GPO - 1350mm
- SINGLE GPO - EXTERNAL
- SINGLE GPO - FOR DISHWASHER
- SINGLE GPO - FOR MICROWAVE
- DOUBLE GPO - 300mm
- DOUBLE GPO - 1100mm
- DOUBLE GPO - 1350mm
- DOUBLE GPO - EXTERNAL
- TELEVISION POINT
- TELEPHONE POINT
- METER BOX
- SMOKE DETECTORS (INTERCONNECTED)
- UBO & RHOOD CONNECTIONS
- DATA POINT WIRED TO NBN
- NBN BOX
- SOLAR PV INVERTER

DUCTED VACUUM

- DUCTED VACUUM UNIT & SGPO
- DUCTED VACUUM OUTLET

HEATING/COOLING VENTS:
 THE LOCATION OF THE HEATER / COOLER AND VENT LOCATION IS UP TO THE DISCRETION OF THE INSTALLER AND MAY VARY PENDING TRUSS LOCATION

ARTIFICIAL LIGHTING TABLE			
FLOOR AREA	194.92 m ²	WATTAGE ALLOWED	975 w
POR./OUT AREA	38.46 m ²	WATTAGE ALLOWED	154 w
GARAGE AREA	39.18 m ²	WATTAGE ALLOWED	118 w
TOTAL AREA	272.56 m²	ALLOWABLE WATTS	1246 w
HOUSE 5 W/m²		NO. OF GLOBES USED	TOTAL WATTS
FLUORESCENT GLOBES	15 w	0	0 w
LED DOWNLIGHTS	9 w	7	63 w
FLUORO TUBES	36 w	0	0 w
		HOUSE TOTAL	63 w
POR./OUT 4 W/m²			
FLUORESCENT GLOBES	15 w	0	0 w
LED DOWNLIGHTS	9 w	4	36 w
FLUORO TUBES	36 w	0	0 w
		PORCH TOTAL	36 w
GARAGE 3 W/m²			
FLUORESCENT GLOBES	15 w	0	0 w
LED DOWNLIGHTS	9 w	0	0 w
FLUORO TUBES	36 w	0	0 w
		GARAGE TOTAL	0 w



ADVERTISED PLAN

LIGHTING LEGEND

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- 90mm DOWNLIGHT
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DUCTED VACUUM

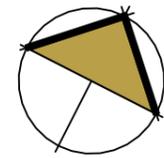
- DUCTED VACUUM UNIT & SGPO
- DUCTED VACUUM OUTLET

HEATING/COOLING VENTS:
 THE LOCATION OF THE HEATER / COOLER AND VENT LOCATION IS UP TO THE DISCRETION OF THE INSTALLER AND MAY VARY PENDING TRUSS LOCATION

ARTIFICIAL LIGHTING TABLE			
FLOOR AREA	175.19 m ²	WATTAGE ALLOWED	876 w
POR./OUT AREA	0.00 m ²	WATTAGE ALLOWED	0 w
GARAGE AREA	0.00 m ²	WATTAGE ALLOWED	0 w
TOTAL AREA	175.19 m²	ALLOWABLE WATTS	876 w
HOUSE 5 W/m²		NO. OF GLOBES USED	TOTAL WATTS
FLUORESCENT GLOBES	15 w	0	0 w
LED DOWNLIGHTS	9 w	7	63 w
FLUORO TUBES	36 w	0	0 w
		HOUSE TOTAL	63 w
POR./OUT 4 W/m²			
FLUORESCENT GLOBES	15 w	0	0 w
LED DOWNLIGHTS	9 w	0	0 w
FLUORO TUBES	36 w	0	0 w
		PORCH TOTAL	0 w
GARAGE 3 W/m²			
FLUORESCENT GLOBES	15 w	0	0 w
LED DOWNLIGHTS	9 w	0	0 w
FLUORO TUBES	36 w	0	0 w
		GARAGE TOTAL	0 w



ADVERTISED PLAN



**ADVERTISED
PLAN**



-  **CARPET**
-  **EXISTING**
-  **TILES**
-  **TIMBER**



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HARGREAVES
DESIGN GROUP

proposed: **EXTENSION**

for: **CINDY & CHEN TAN** address: **7 WESTHAM COURT**
drawing: **GROUND FLOOR COVERINGS** **MULGRAVE, 3170**

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**ADVERTISED
PLAN**



- CARPET**
- EXISTING**
- TILES**
- TIMBER**



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HARGREAVES
DESIGN GROUP

proposed: **EXTENSION**

for: **CINDY & CHEN TAN**
drawing: **FIRST FLOOR COVERINGS**

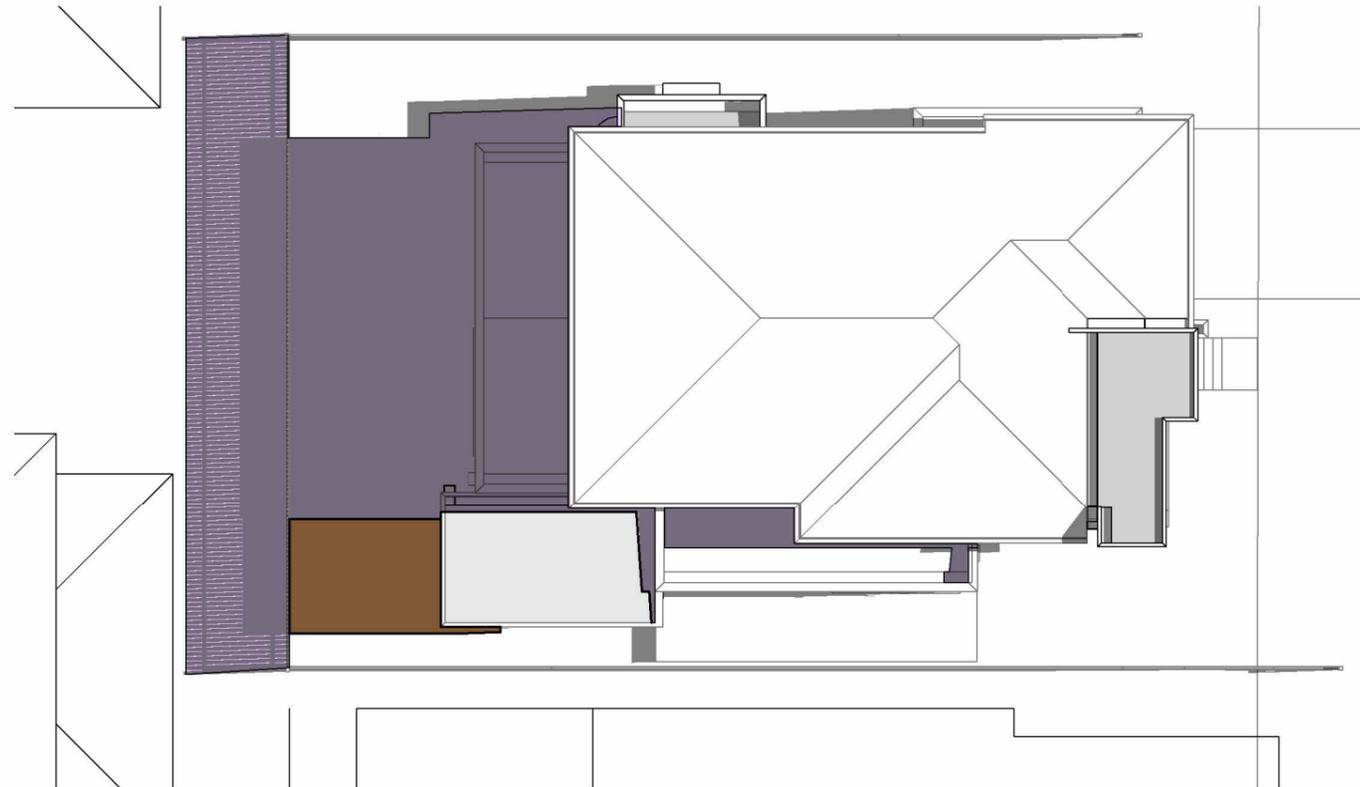
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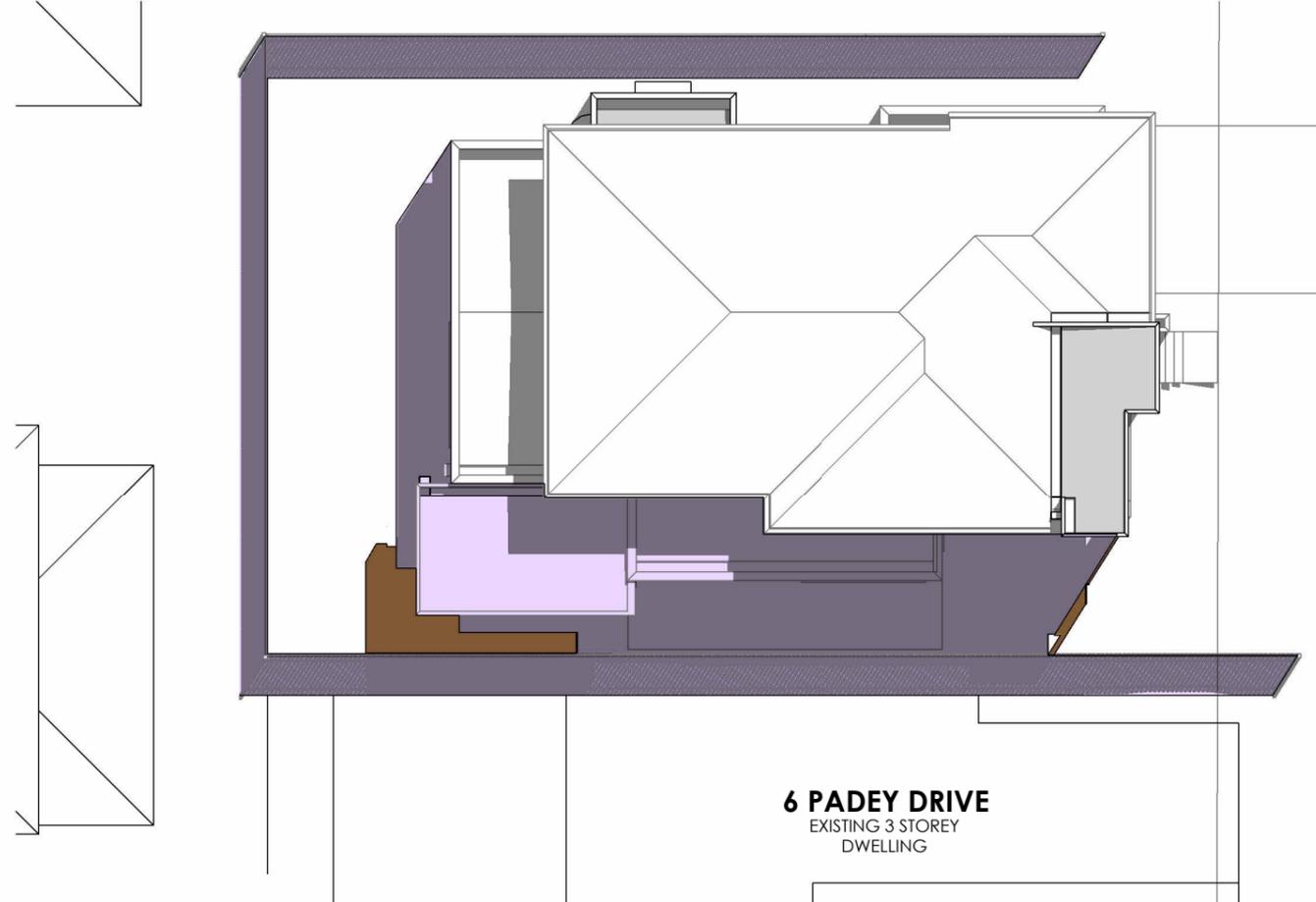
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job no. : **21-04085**



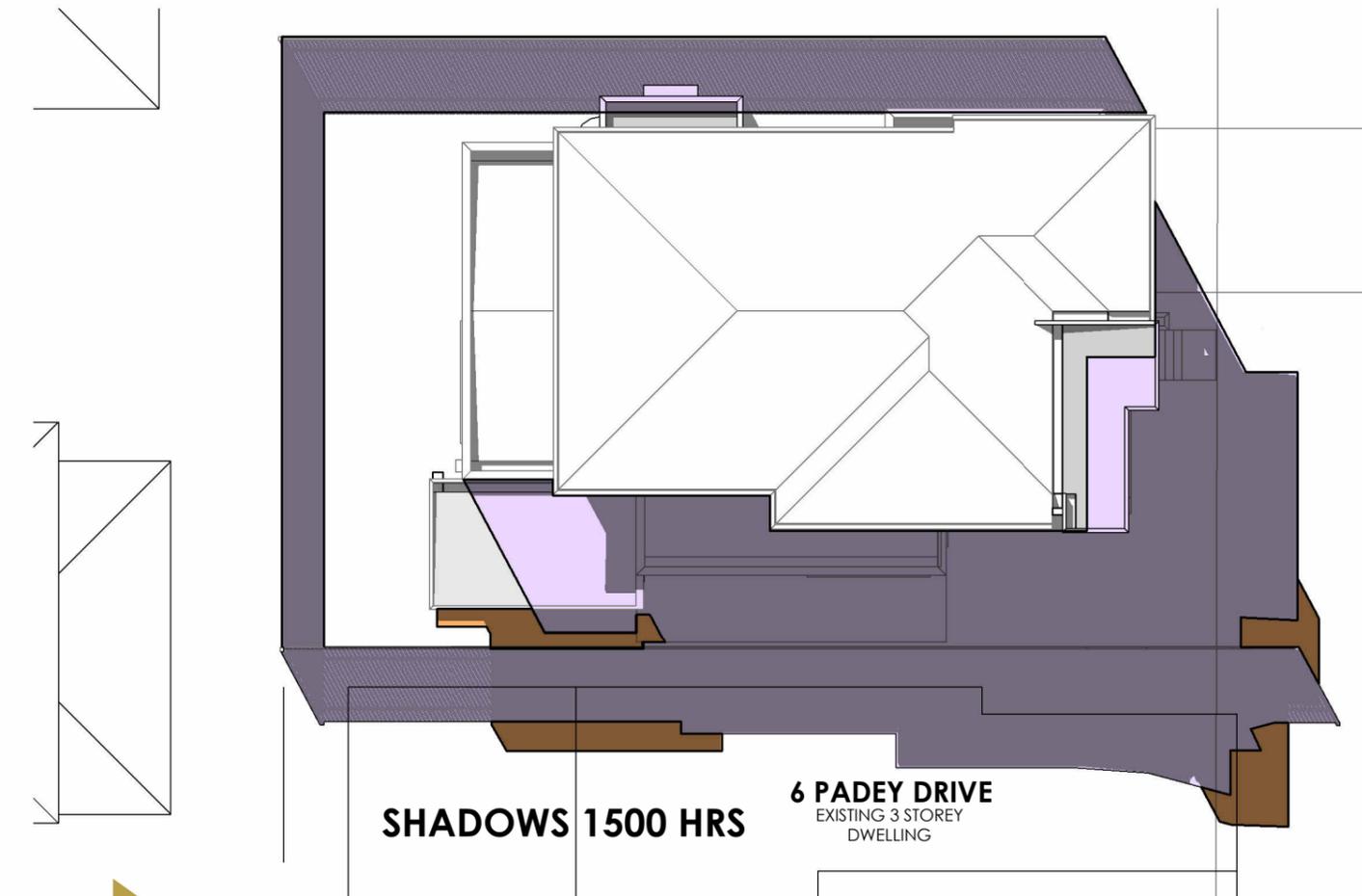
SHADOWS 0900 HRS

6 PAHEY DRIVE
EXISTING 3 STOREY
DWELLING



SHADOWS 1200 HRS

6 PAHEY DRIVE
EXISTING 3 STOREY
DWELLING



SHADOWS 1500 HRS

6 PAHEY DRIVE
EXISTING 3 STOREY
DWELLING



HATCH DENOTES
SHADOW CAST BY
EXISTING DWELLING &
FENCES

HATCH DENOTES
ADDITIONAL SHADOW
CAST FROM PROPOSED
WORKS

**ADVERTISED
PLAN**