



IMPORTANT NOTE : 3D IMAGE ARE FOR ILLUSTRATIVE PURPOSES ONLY, ARE ARTIST IMPRESSION AND THE COLOR SELECTED BY THE CLIENT MAY NOT BE MATCH TO THE SEE IN THIS 3D IMAGE

AREAS:	SQMETERES	SQUARES
GROUND FLOOR	195.00	20.97
GARAGE	36.00	3.87
PORCH	6.00	0.65
ALFRESCO	11.00	1.18
Total:	248.00	26.67
SITE AREA 448.00		
COVERAGE	55%	
PERMEABILITY	39%	
IMPERMIABILITY	6%	

DRAWING SCHEDULE				
SHEET	NAME	ISSUE	DATE	REMARKS
	COVER			
WD-02	INDEX			
WD-03	SITE PLAN			
WD-04	LANDSCAPE PLAN			
WD-05	GENERAL NOTES			
WD-06	FLOOR PLAN			
WD-07	ELEVATIONS			
WD-08	ELEVATIONS			
WD-09	SECTION			
WD-10	FLOOR FINISHES			
WD-11	ELECTRICAL PLAN			
WD-12	ROOF PLAN			
WD-13	WINDOWS & EXT. DOORS SCHEDULE			
WD-14	KITCHEN INTERNALS			
WD-15	KITCHEN ELEVATIONS			
WD-16	DETAILS			
WD-17	ENERGY RATING SUMMARY			
WD-18	MATERIALS & FINISHES			

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 Where dreams get built Ph: 03 90781977 E: info@omaxehomes.com	CHECKED BY: NORTH POINT M.A.C.	PROJECT: SINGLE STOREY DWELLING LOT 20171 GOODMAN AVENUE, KALKALLO VIC 3064	MCam Building Design P/L 11 Redrck Road Wollert 3750 Phone: 9- Mobile: 0425349797 Web: www.mcambuildingdesign.com		TITLE: INDEX
	DATE: 8/11/16	CLIENT NAME: MR. GURJINDER SINGH TIWANA	TITLE: INDEX	SCALE: As indicated on drawings ISSUE	SHEET No. WD-02

JOB No. Job #20171	DRAWN MC	Plot Date: 14/06/2018	SHEET No. WD-02
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Termite Note:

A termite barrier to be installed to minimise the risk of termite attack to primary building elements in accordance with AS3660.1.

A durable notice must be permanently fixed to the building in a permanent location, indicating the following:

- The method of termite risk management;
- The date of installation of the system;
- Where chemical barrier is used, its life expectancy as listed on the National Registration Authority label;
- The installer's or manufacturer's recommendations for the scope and frequency of future inspections for termite activity

GENERAL NOTES

DOWNPIPES - SIZE AND INSTALLATION

- * THE SPACING BETWEEN DOWNPIPES MUST NOT BE MORE THAN 12m
- * DOWNPIPES MUST BE SECURELY FIXED TO WALLS
- * DOWNPIPES MUST BE FIXED AS CLOSE AS POSSIBLE TO VALLEY GUTTERS AND, IF THE DOWNPIPE IS MORE THAN 1.2m FROM A VALLEY, PROVISION FOR OVERFLOW MUST BE MADE
- CONNECT SWD TO PROPERTY INLET
- 90 DIA UPVC SWD 1:100 MIN GRADE
- PROVIDE 100mm DIA PVC STORMWATER PIPE UNDER GARAGE AND FUTURE DRIVEWAYS
- PROVIDE 10'S @ 9.00m MAX. CTRS AND AT CHANGE OF DIRECTIONS
- PROVIDE 100x50 DOWNPIPES AT 12000 MAX. CRS.
- ALL BOUNDARY FENCING TO BE AT LEAST 1.8m HIGH FROM FINISHED GROUND LEVEL
- LEVELS ARE TO BE CONFIRMED BY OWNER USING LICENCED LAND SURVEYOR
- STORMWATER DRAIN LAYOUT IS INDICATIVE ONLY AND WILL BE LAID AT THE DRAINER'S DISCRETION

DOWNPIPES - SIZE AND INSTALLATION

- *ALL DRAINAGE AND SEWERAGE PIPES ADJACENT TO BUILDING TO BE SETBACK AT A DEPTH THAT WILL NOT AFFECT ANGLE OF REPOSE (45 DEG.) TO FOUNDING DEPTH
- *SERVICE PIPES AND DRAINAGE PIPES JOINTS TO BE ARTICULATED AT FOOTING / WALL PENETRATIONS.
- BACKFILL TO TRENCHES TO BE FULLY COMPACTED.
- *GRADING AND SITE DRAINAGE: THE AREA WITHIN 2000MM OF BUILDING TO BE GRADED TO AVOID PONDING OF WATER TO BUILDING.
- *GRADE SHALL BE 50MM WITHIN THE FIRST METER - ON SEVERE SLOPING SITES, ADOPT THE USE OF AG DRAINS ADJACENT TO FOOTINGS WHERE THE GROUND FALLS TOWARD BUILDING.

CONSTRUCTION OF SANITARY COMPARTMENTS

THE DOOR TO A FULLY ENCLOSED SANITARY COMPARTMENT MUST:

- * OPEN OUTWARDS; OR
- * SLIDE; OR
- * BE READILY REMOVABLE FROM THE OUTSIDE OF THE COMPARTMENT.

UNLESS THERE IS A CLEAR SPACE OF AT LEAST 1.2m BETWEEN THE CLOSET AND WITHIN THE SANITARY COMPARTMENT AND THE NEAREST PART OF THE DOORWAY

NOTES:

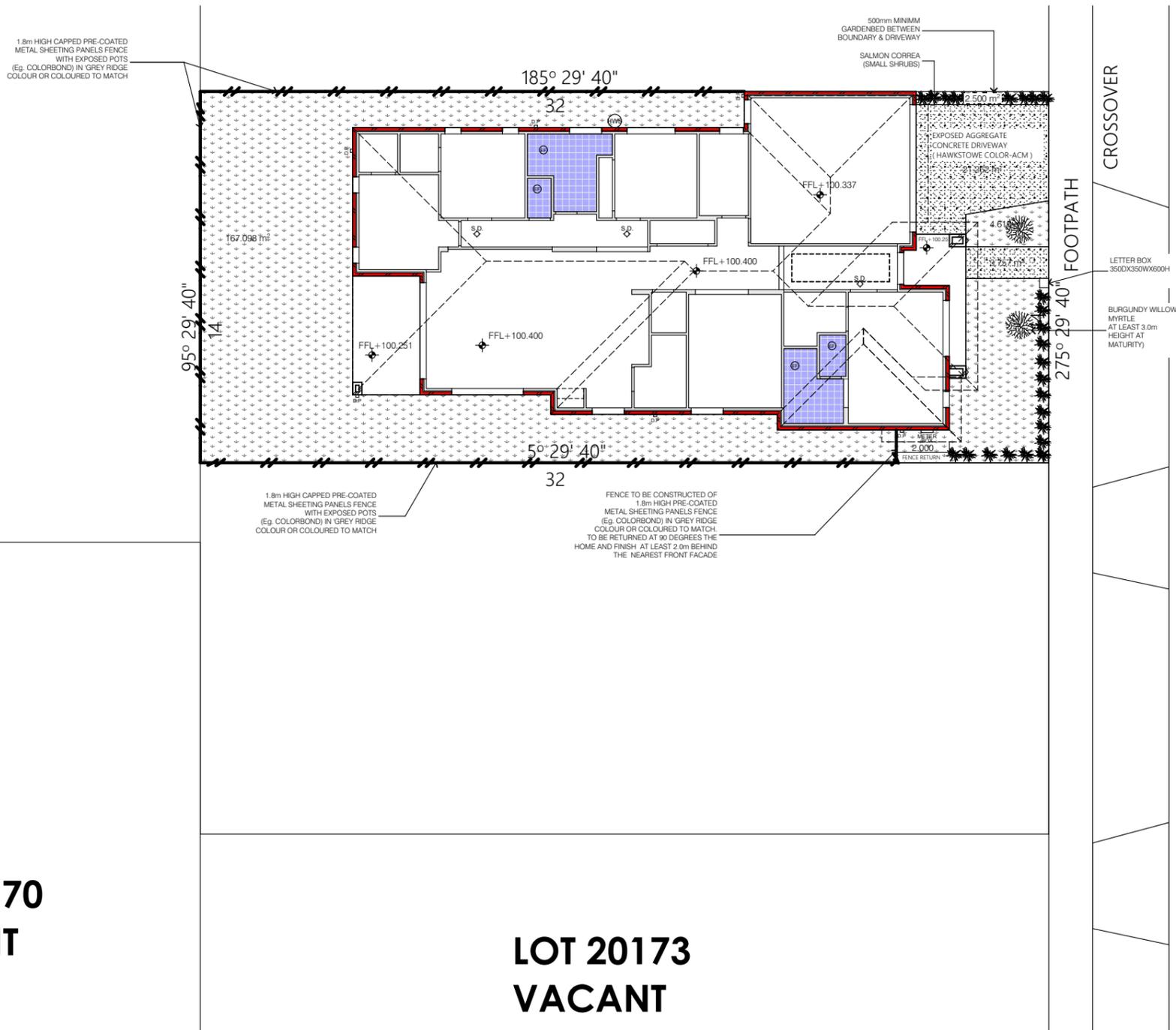
BUILDER TO VERIFY ALL LEVELS ON THE SITE INCLUDING ANY SITE CUT - FILL IF REQUIRED AND NOTIFY THE BUILDING DESIGNER PRIOR TO COMMENCEMENT OF ANY BUILDING WORKS

BUILDER TO VERIFY ALL DIMENSIONS ON SITE PRIOR TO THE COMMENCEMENT OF CONSTRUCTION. ANY DISCREPANCIES TO BE REPORTED TO THE BUILDING DESIGNER PRIOR TO SET OUT FOR RECTIFICATION.

SURFACE SPOON DRAIN AND SUBSURFACE CUT-OFF DRAINS SHOULD BE INSTALLED UPSLOPE OF THE DWELLING AS REQUIRED. CUT-OFF DRAINS MUST EXTEND AT LEAST TO THE DEPTH OF THE CLAY INTERFACE AND CONNECTED INTO STORMWATER DISPOSAL. FRONT TAP TO BE LOCATED NEAR WATER METER.

ALL LEVELS ARE DERIVED FROM SURVEYORS SURFACE LEVELS - CONTRACT OF SALE

NOTE:
CONNECT LEGAL POINT OF DISCHARGE AS PER STORMWATER AND PROPERTY INFORMATION SHEET FROM THE COUNCIL, ACCURACY OF LOCATION IS NOT GUARANTEED. PLEASE REF. COUNCIL SHEETS FOR EXACT CONNECTION DETAILS AND LOCATION



**LOT 20170
VACANT**

**LOT 20173
VACANT**

1:200 LANDSCAPE PLAN

Landscaping Note:

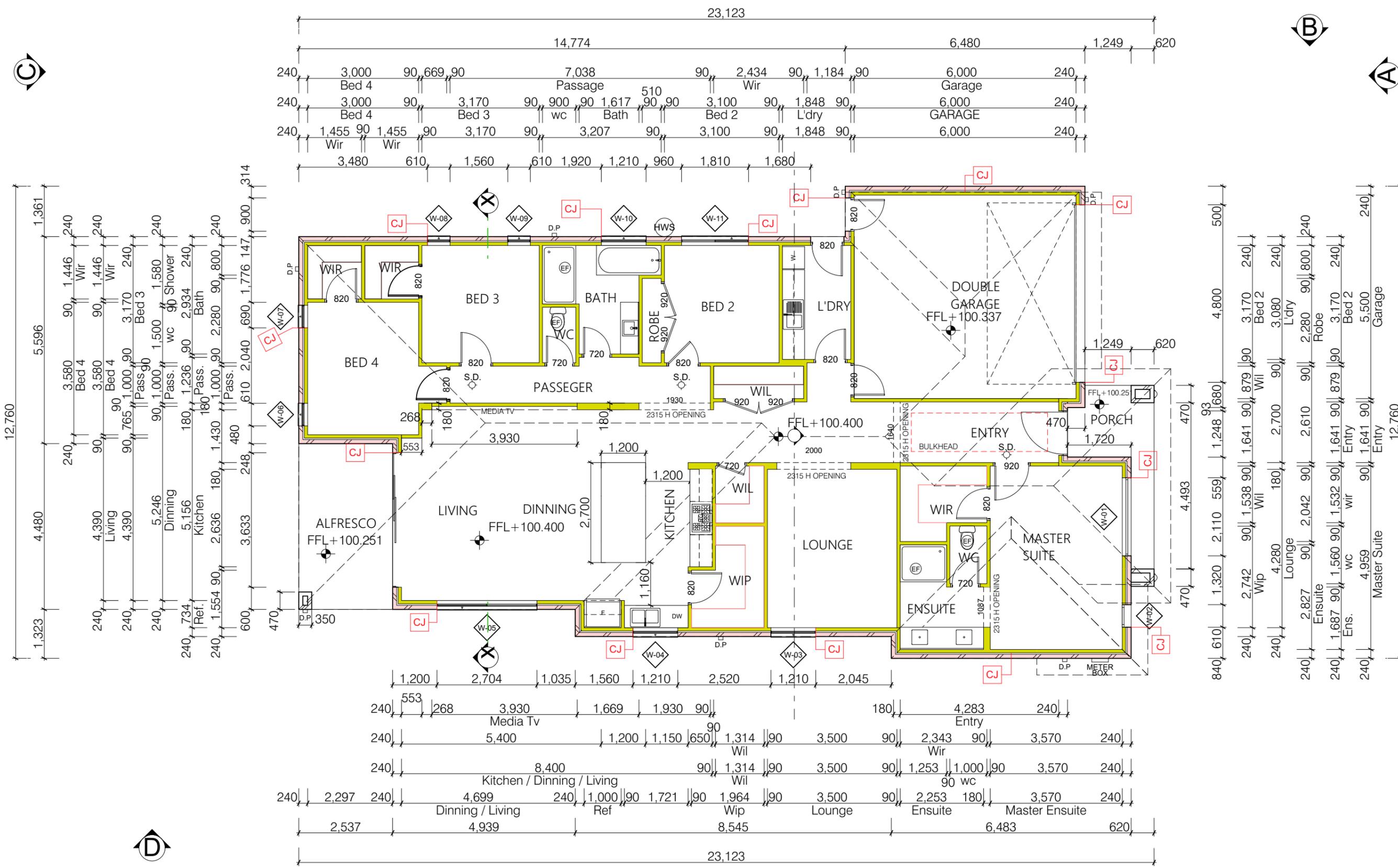
The selection of planting for the landscaping is to focus on Low Water tolerant plants to include (but not limited to) the following:

Small Trees:	Acer platanum	Japanese Maple	Small Shrubs:	poa sieberiana	grey tussock grass		Camellia Japonica	Japonica
Large Shrubs:	Coprosma quadrifida	Prickly currant bush	Indigenous wildflowers:	calocephalus lacteus	lemon milky heads	Ground covers:	Kennedia nigricans	Black coral pea
	bossiaea cineria	Showy bossiaea	Grasses and straplike plants:	pattersonia occidentalis	long purple flag		Carpobrotus modestus	inland noon flower
	Goodenia ovata	Hop Goodenia	Climbers:	poa labillardieri	common tussock grass		Adiantum aetheopicum	Common Maidenhair
	pultanea scabra	rough bush pea		Hardenbergia violacea	Happy Wanderer			



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<p>Where dreams get built</p> <p>Ph: 03 90781977 E: info@omaxehomes.com</p>	<p>CHECKED BY: NORTH POINT</p> <p>M.A.C.</p> <p>DATE: 8/11/16</p>	<p>PROJECT: SINGLE STOREY DWELLING</p> <p>LOT 20171 GOODMAN AVENUE, KALKALLO VIC 3064</p> <p>CLIENT NAME: MR. GURJINDER SINGH TIWANA</p>	<p>MCAM Building Design P/L</p> <p>11 Redrck Road Wollert 3750</p> <p>Phone: 9- Mobile: 0425349797 Web: www.mcambuildingdesign.com</p>		<p>TITLE: LANDSCAPE PLAN</p> <p>SCALE: As indicated on drawings</p> <p>JOB No. Job #20171</p> <p>DRAWN: MC</p>	<p>ISSUE</p> <p>Plot Date: 14/06/2018</p>	<p>SHEET No. WD-04</p>
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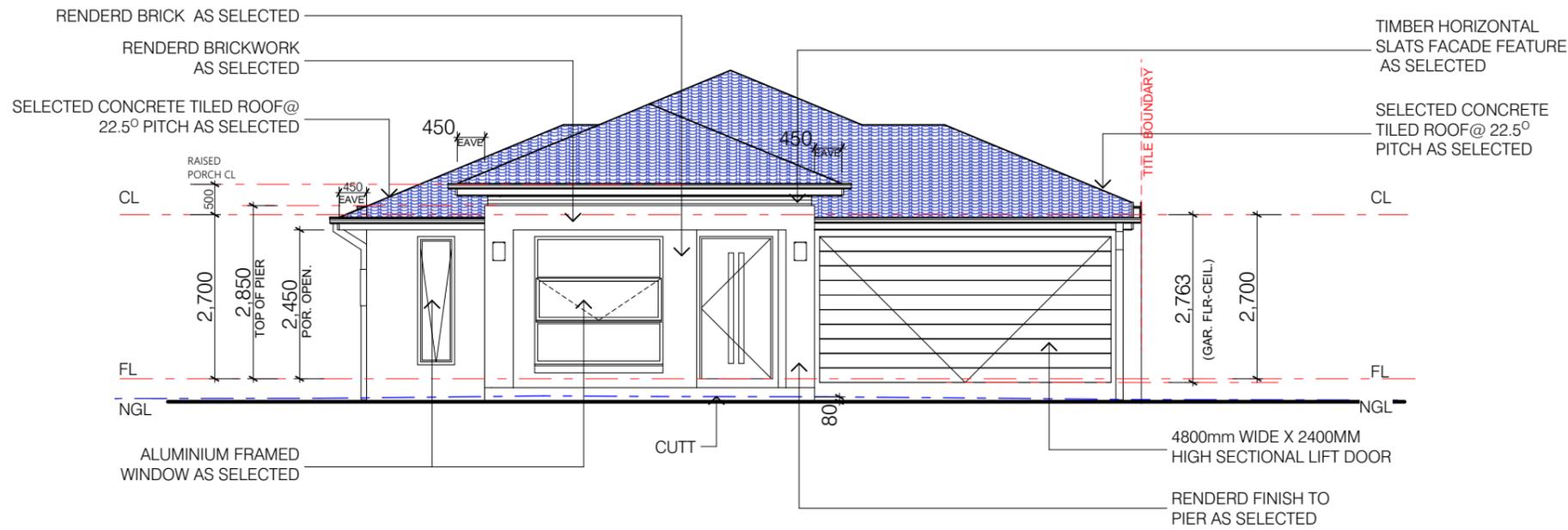


1:100 FLOOR PLAN

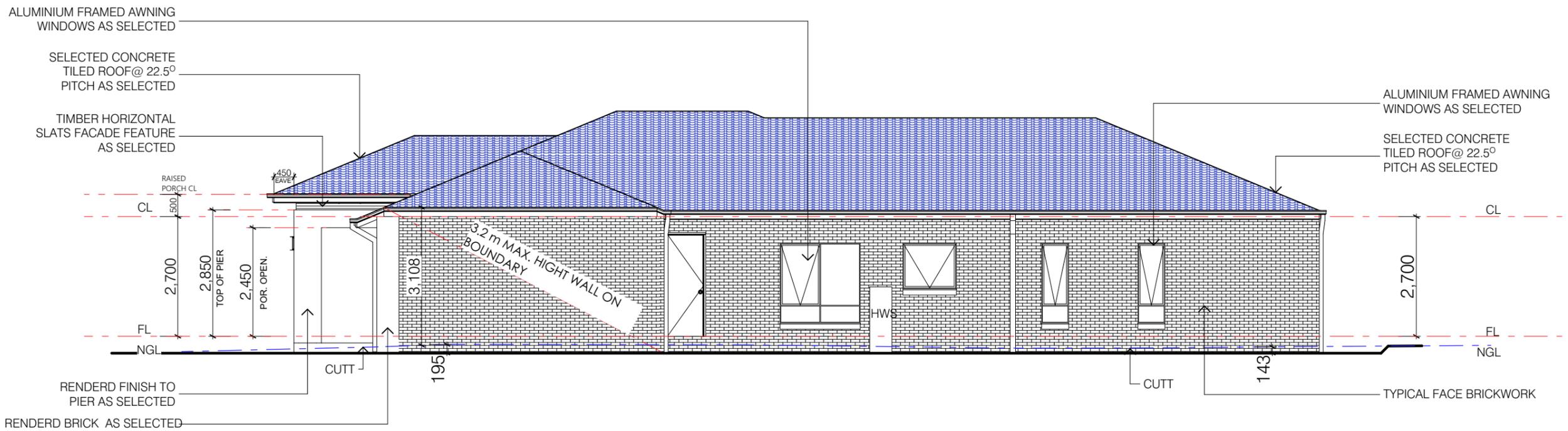
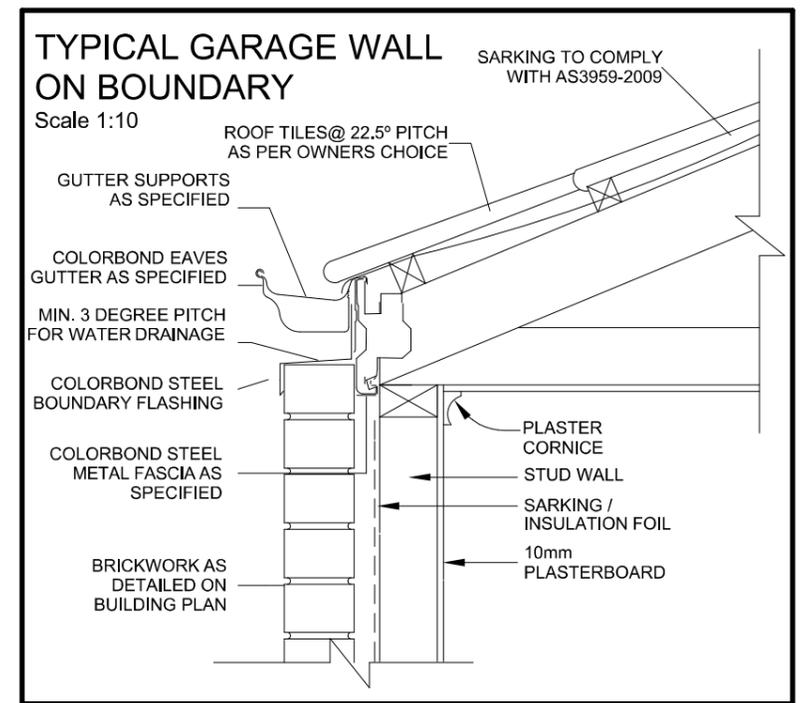
CJ DENOTES MASONRY CONTROL JOINTS AT 5000ctrs MAX. PER RUN PF WALL UNLESS STATED OTHERWISE IN SOIL TEST AND TO COMPLY WITH NOTE CMS OF CEMENT & CONCRETE ASSOCIATION REFER TO DETAILS 01 & 02

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	DATE: 8/11/16				11 Redrck Road Wollert 3750 Phone: 9- Mobile: 0425349797 Web: www.mcambuildingdesign.com	JOB No. Job #20171 DRAWN MC	ISSUE B Plot Date: 14/06/2018



1:100 ELEVATION - A



1:100 ELEVATIONS - B

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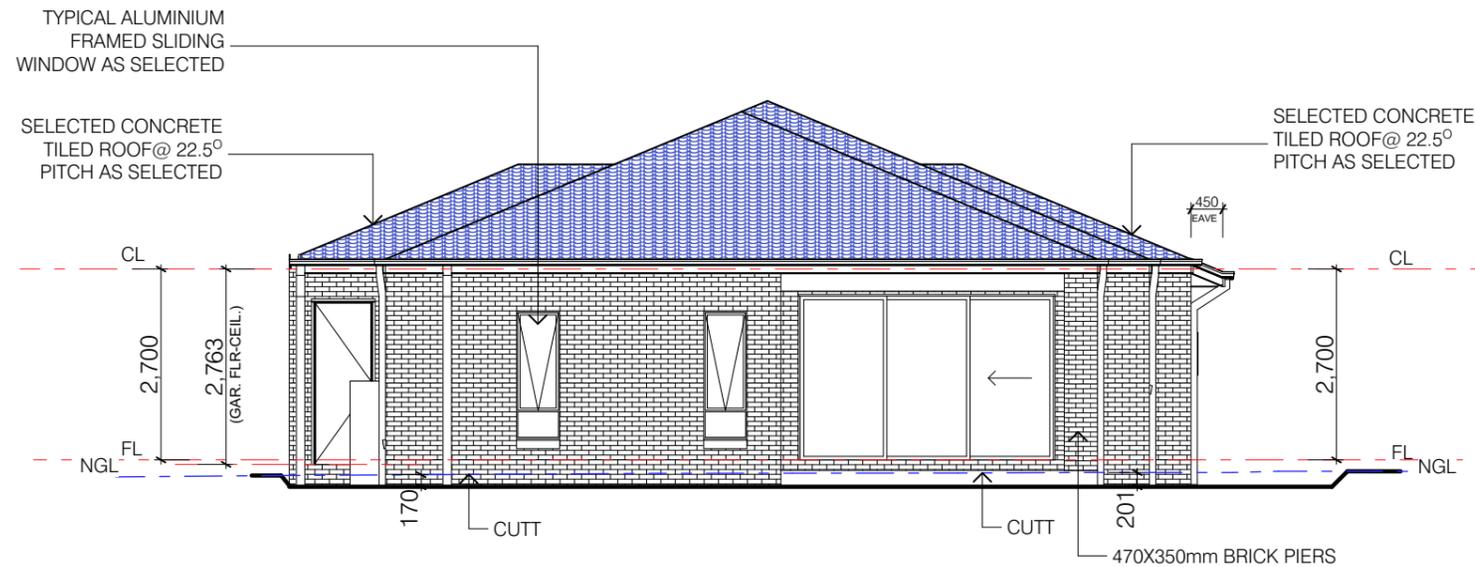
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M.A.C.	
DATE:	
8/11/16	

PROJECT:	SINGLE STOREY DWELLING
	LOT 20171 GOODMAN AVENUE, KALKALLO VIC 3064
CLIENT NAME:	MR. GURJINDER SINGH TIWANA

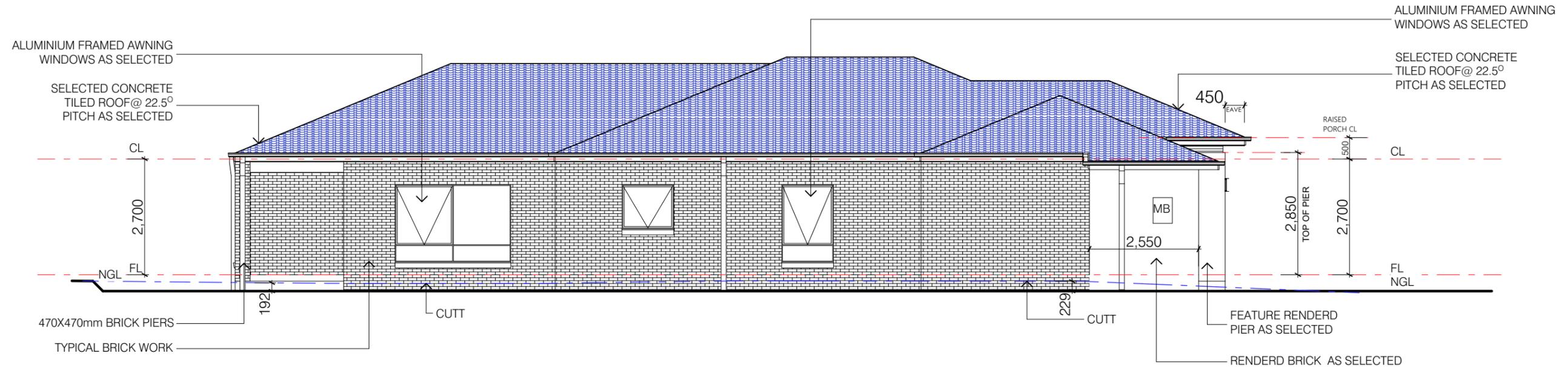
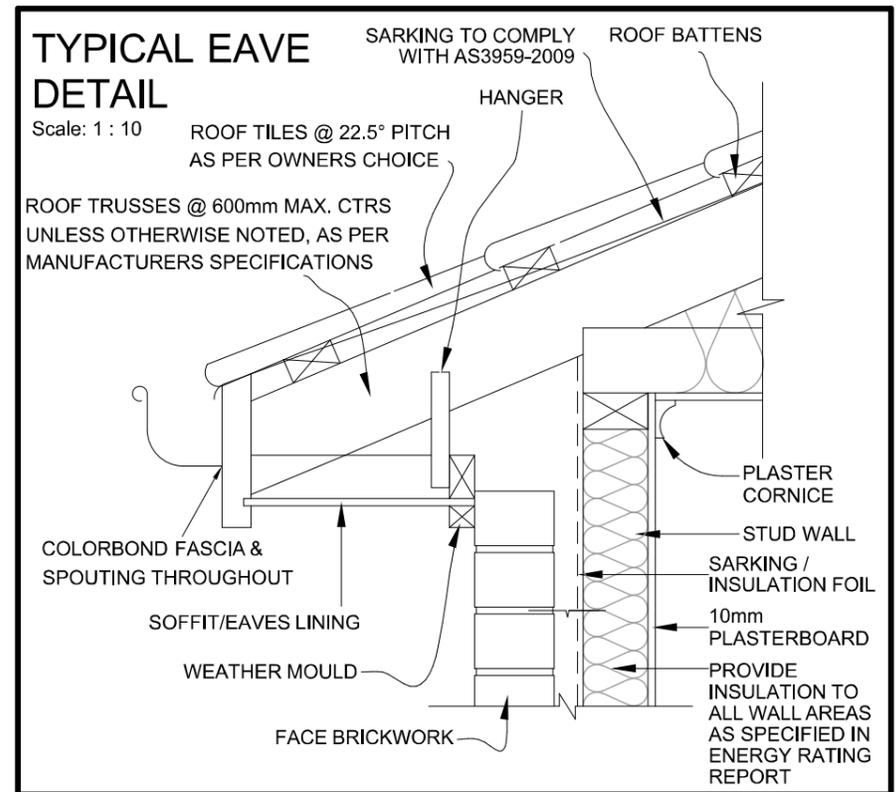
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TITLE: ELEVATIONS		ISSUE		SHEET No.
SCALE:	As indicated on drawings	DRAWN	MC	WD-07
JOB No.	Job #20171			
Plot Date:		D		14/06/2018



1:100 ELEVATION - C

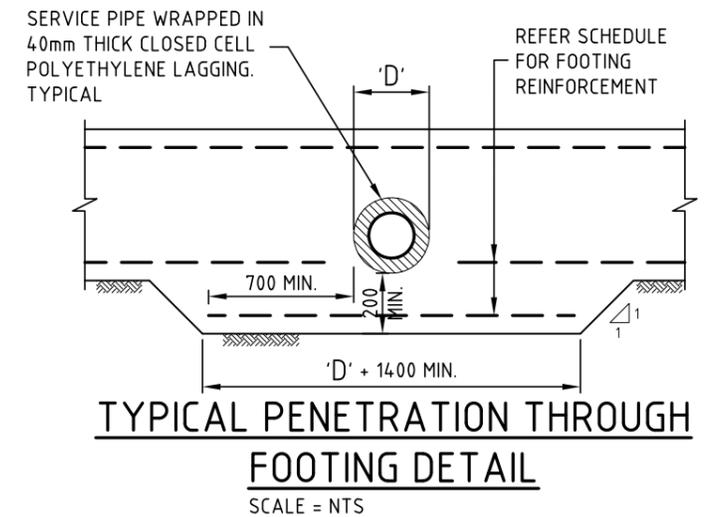
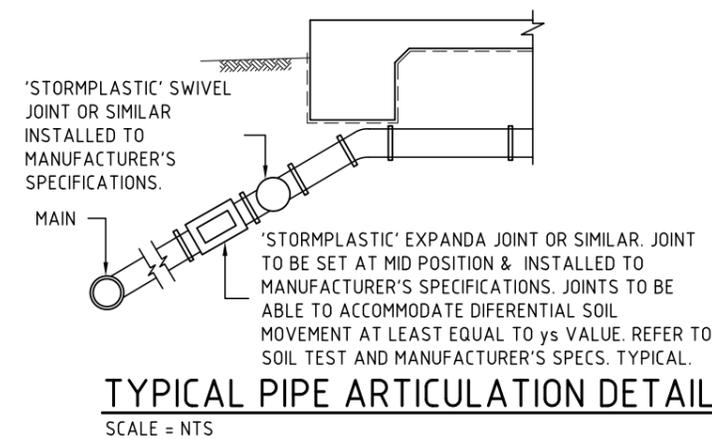
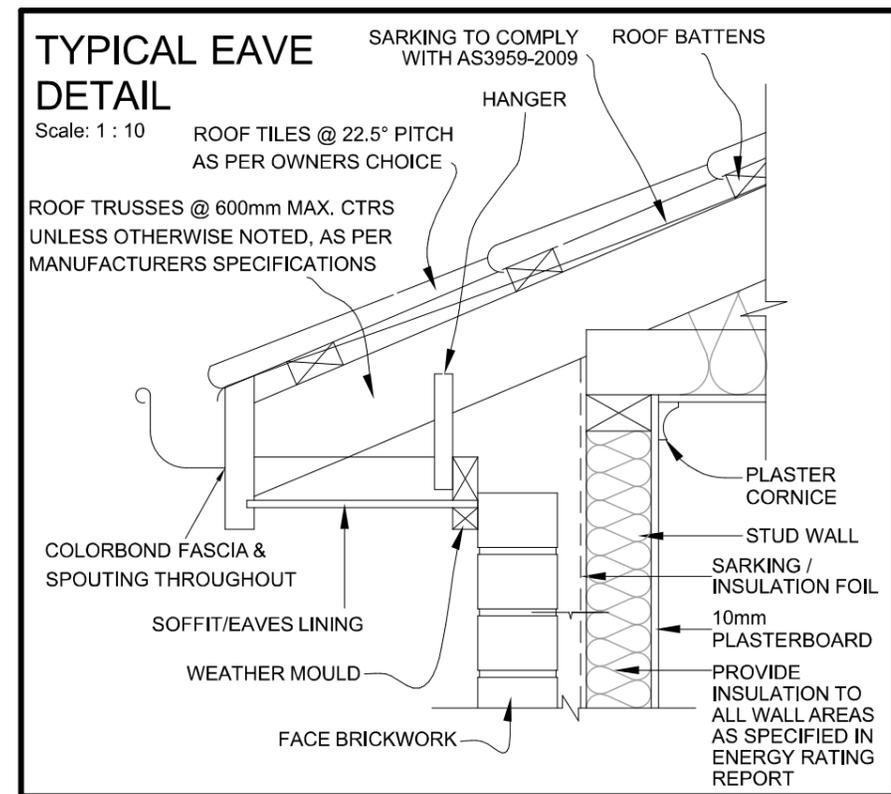
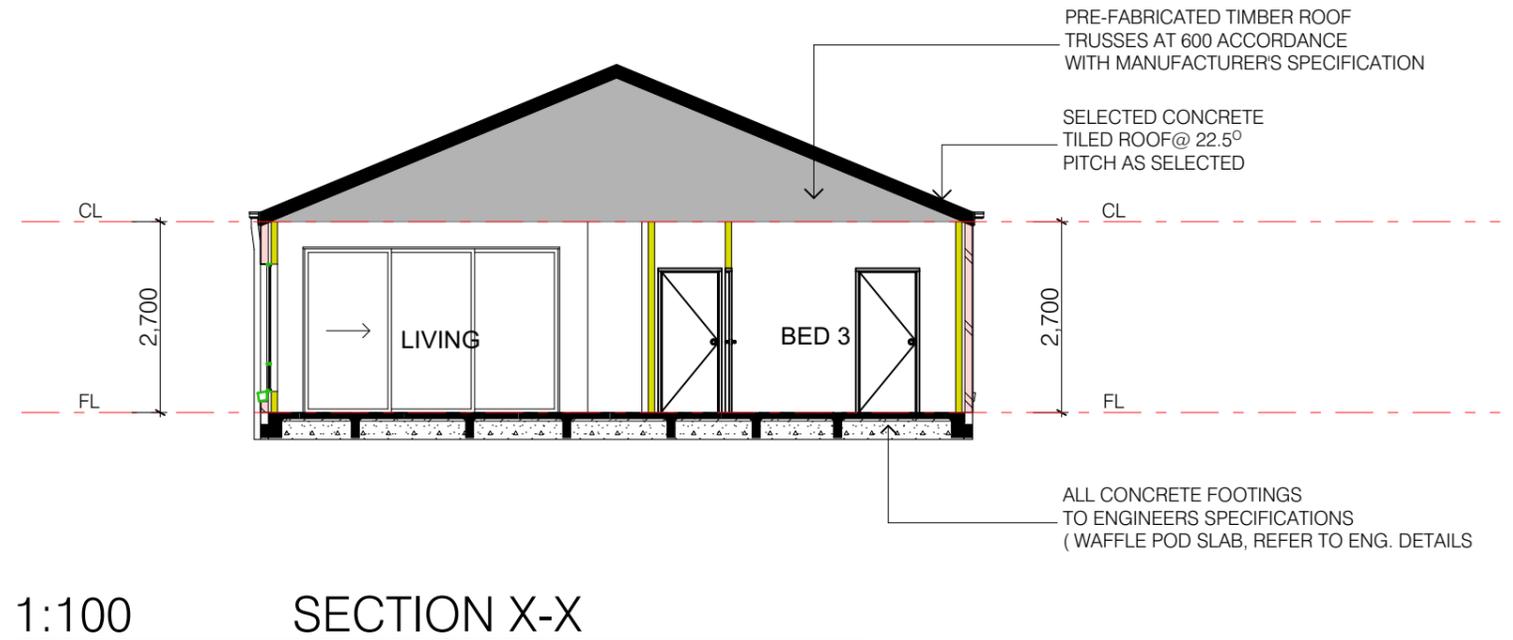
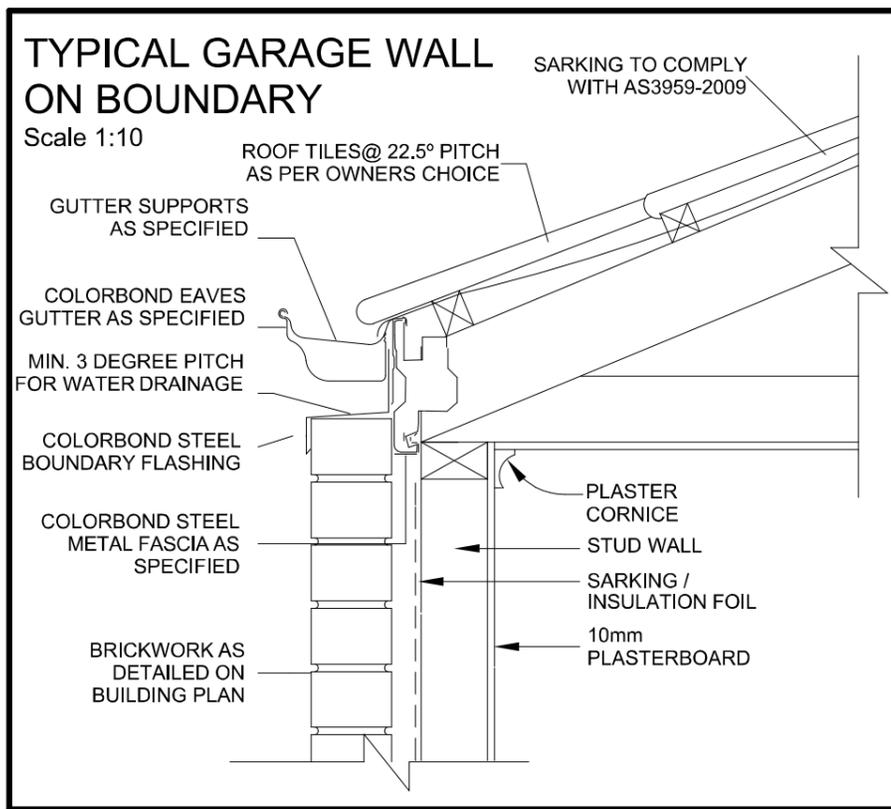


1:100 ELEVATION - D

CORROSION PROTECTION
 ALL STRUCTURAL STEEL MEMBERS, WALL TIES AND ROOF SHEETS TO BE AS PER BCA 3.4.2.2 MUST HAVE A MIN COATING CLASS IN ACCORDANCE WITH AS 1397 of Z275 (250grams of zinc per metre) or AZ150 (150 grams per metres of aluminium/zinc)

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	CHECKED BY:	NORTH POINT	PROJECT:	SINGLE STOREY DWELLING			TITLE:	ELEVATIONS			
	M.A.C.			LOT 20171 GOODMAN AVENUE, KALKALLO VIC 3064				SCALE:	As indicated on drawings	ISSUE	
	DATE:	8/11/16	CLIENT NAME:	MR. GURJINDER SINGH TIWANA			JOB No.	Job #20171	DRAWN	MC	
				11 Redrck Road Wollert 3750 Phone: 9- Mobile: 0425349797 Web: www.mcambuildingdesign.com							
									Plot Date:	14/06/2018	
										SHEET No.	WD-08



BUILDING BRACING TO BUILDER'S SPECIFICATIONS TO BE INSTALLED IN ACCORDANCE WITH AS1684.

BUILDER TO SUPPLY MANUFACTURERS TRUSS LAYOUT TO BUILDING SURVEYOR FOR APPROVAL PRIOR TO CONSTRUCTION. TRUSS DESIGN MUST BE IN ACCORDANCE WITH AS1720 AND AS1684. TRUSS FABRICATOR IS RESPONSIBLE FOR PROVIDING ADEQUATE ROOF BRACING TO ENSURE STABILITY OF THE STRUCTURE. ROOF TRUSSES TO BEAR ON ALL EXTERNAL WALLS AND EXTERNAL WALLS ONLY. IF INTERNAL WALLS NEED TO BE USED THIS OFFICE MUST BE CONTACTED FOR FURTHER ADVICE.

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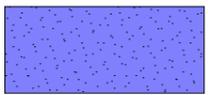
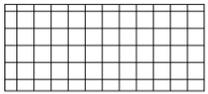
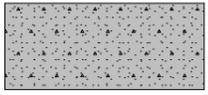
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8/11/16	

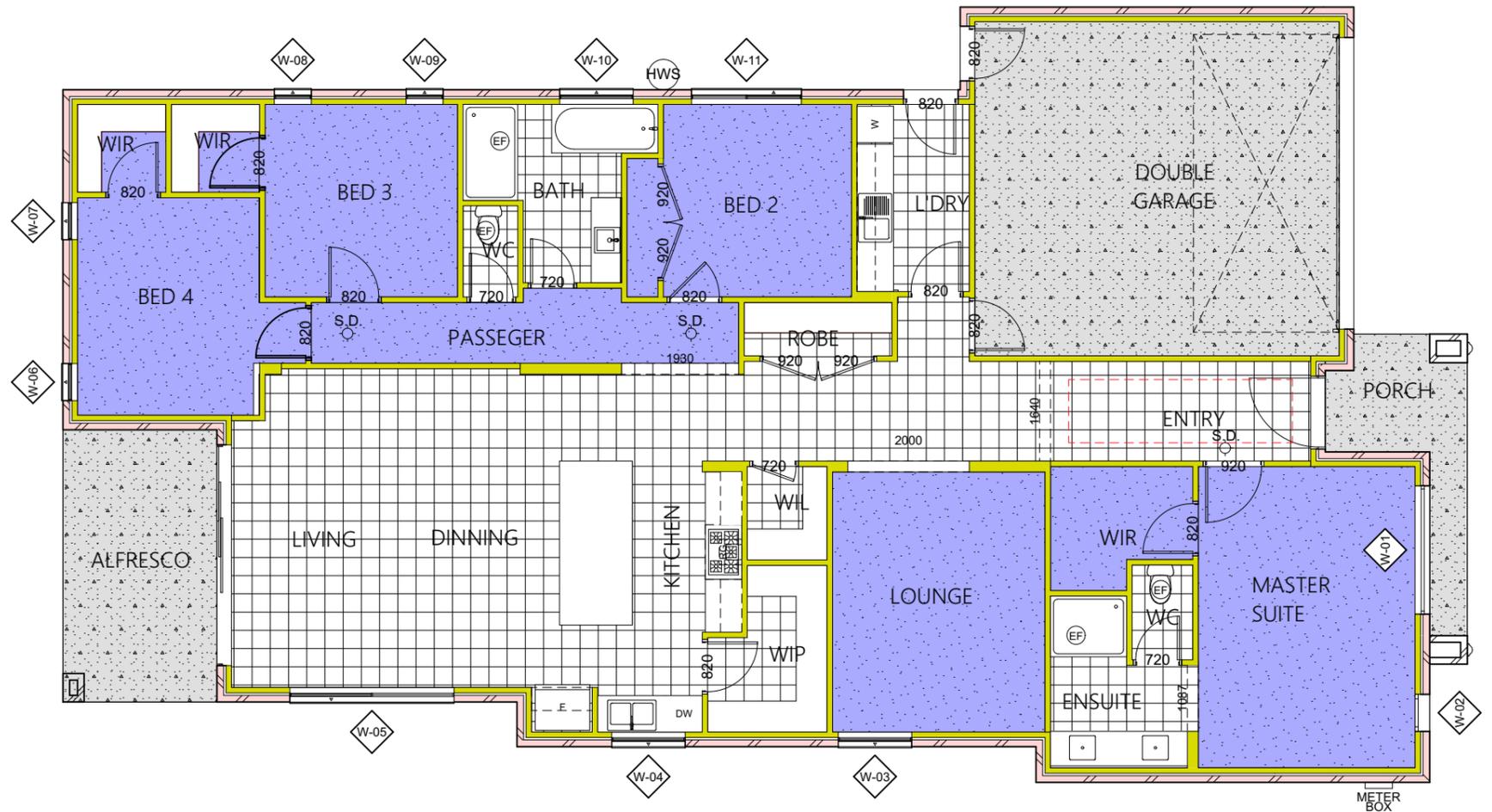
PROJECT:
SINGLE STOREY DWELLING
LOT 20171 GOODMAN AVENUE,
KALKALLO VIC 3064
CLIENT NAME:
MR. GURJINDER SINGH TIWANA

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TITLE: SECTION		ISSUE		SHEET No.
SCALE:	As indicated on drawings	ISSUE		
JOB No.	DRAWN		Plot Date:	
Job #20171	MC	B	14/06/2018	WD-09

FL. FINISHES LEGEND

No.	FILL	MATERIALS
1		CARPET
2		TILE / TIMBER
3		CONCRETE



1:100 FLOOR FINISHES

Specification Inclusion List as follows;

CEILINGS

- R6.0 bulk insulation in the ceiling of the roof excluding the Garage

FLOORS

- Minimum 385mm waffle pod (300mm waffle / 85mm slab)

WALLS

- R2.5 bulk insulation with 1 layer of breathable membrane wrap to all the external walls excluding the Garage
- R2.5 bulk insulation in the internal Garage walls

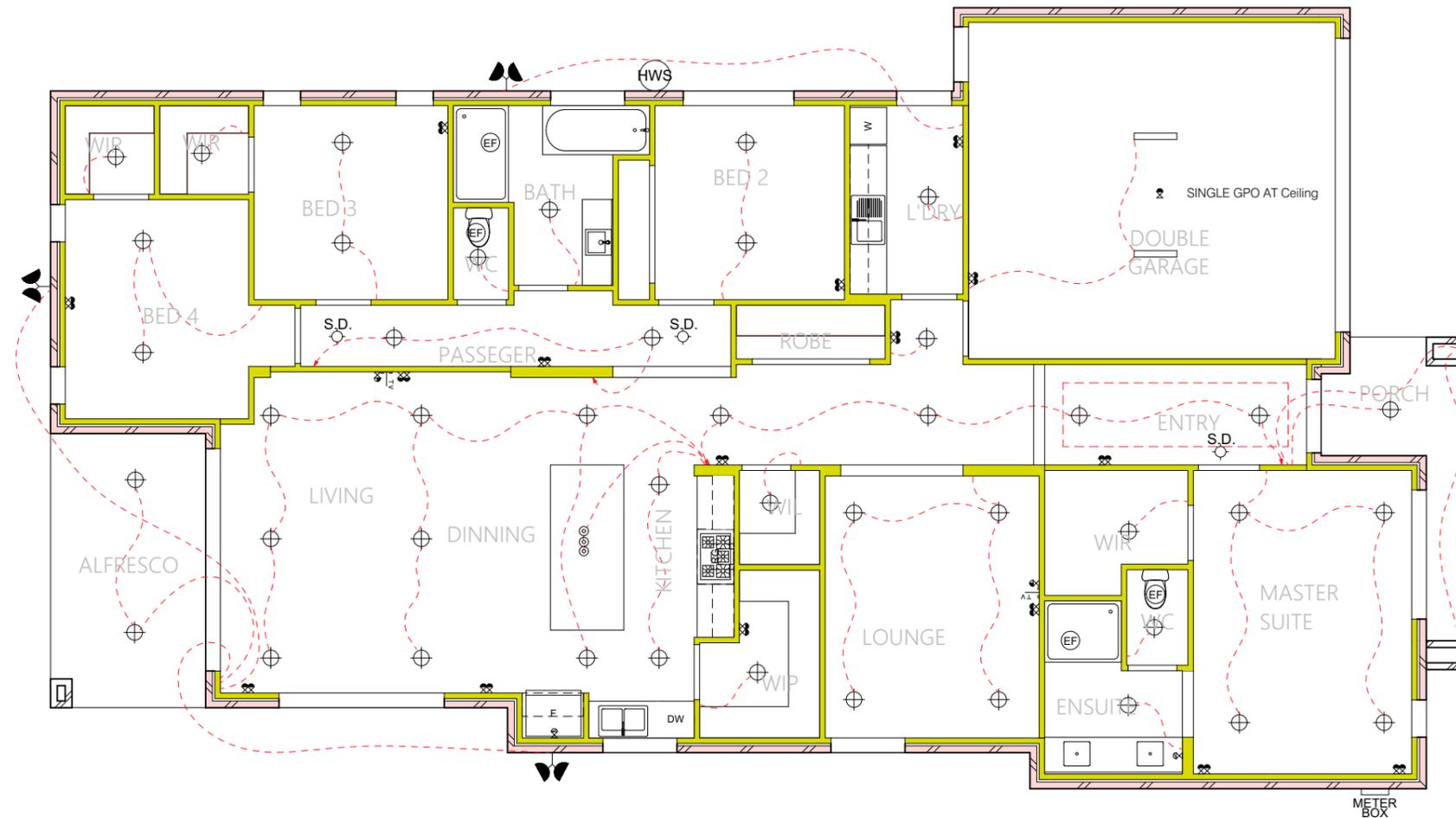
ARTIFICIAL LIGHTING AND CEILING PENETRATION CALCULATIONS

Lighting						
Dwelling	Watts	Number	Total Watts	Area	Maximum W/m2	Allowable Watts
LED Downlight	12	41	492	195.0	5.0	975.0
			0			
			0			
			0			
Porch/Alfresco						
LED Downlight	12	3	36	17.0	4.0	68.0
			0			
			0			
Garage						
Batten Holder	15	2	30	36.0	3.0	108.0
			0			
			0			
Total Watts		558.0	Allowable Watts	1151.0		
Compliance			PASS			

Note: All external lighting must be controlled by a daylight sensor for have a minimum efficiency of 40 lumens per watt.

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	DATE: 8/11/16	CLIENT NAME: MR. GURJINDER SINGH TIWANA			Job #20171				



1:100 ELECTRICAL PLAN

ARTIFICIAL LIGHTING AND CEILING PENETRATION CALCULATIONS

NOTE:
 DOWN LIGHTS
 1 - ALL DOWN LIGHTS MUST BE LED TYPE.
 2- IF INSTALLED WHERE OTHER NON CEILING PENETRATING FITTINGS ARE SPECIFIED, FITTINGS MUST HAVE AN APPROVED NON VENTILATED COVER.
 Approved to AS/NZS 5110:2012 non-ventilated covers allow for the insulation to be closely installed to the sides and enables an R-value above the LED Luminaire via the material of the Downlight cover itself.

Lighting						
Dwelling	Watts	Number	Total Watts	Area	Maximum W/m2	Allowable Watts
LED Downlight	12	41	492	195.0	5.0	975.0
			0			
			0			
			0			
Porch/Alfresco	Watts	Number	Total Watts	Area	Maximum W/m2	Allowable Watts
LED Downlight	12	3	36	17.0	4.0	68.0
			0			
			0			
Garage	Watts	Number	Total Watts	Area	Maximum W/m2	Allowable Watts
Batten Holder	15	2	30	36.0	3.0	108.0
			0			
			0			

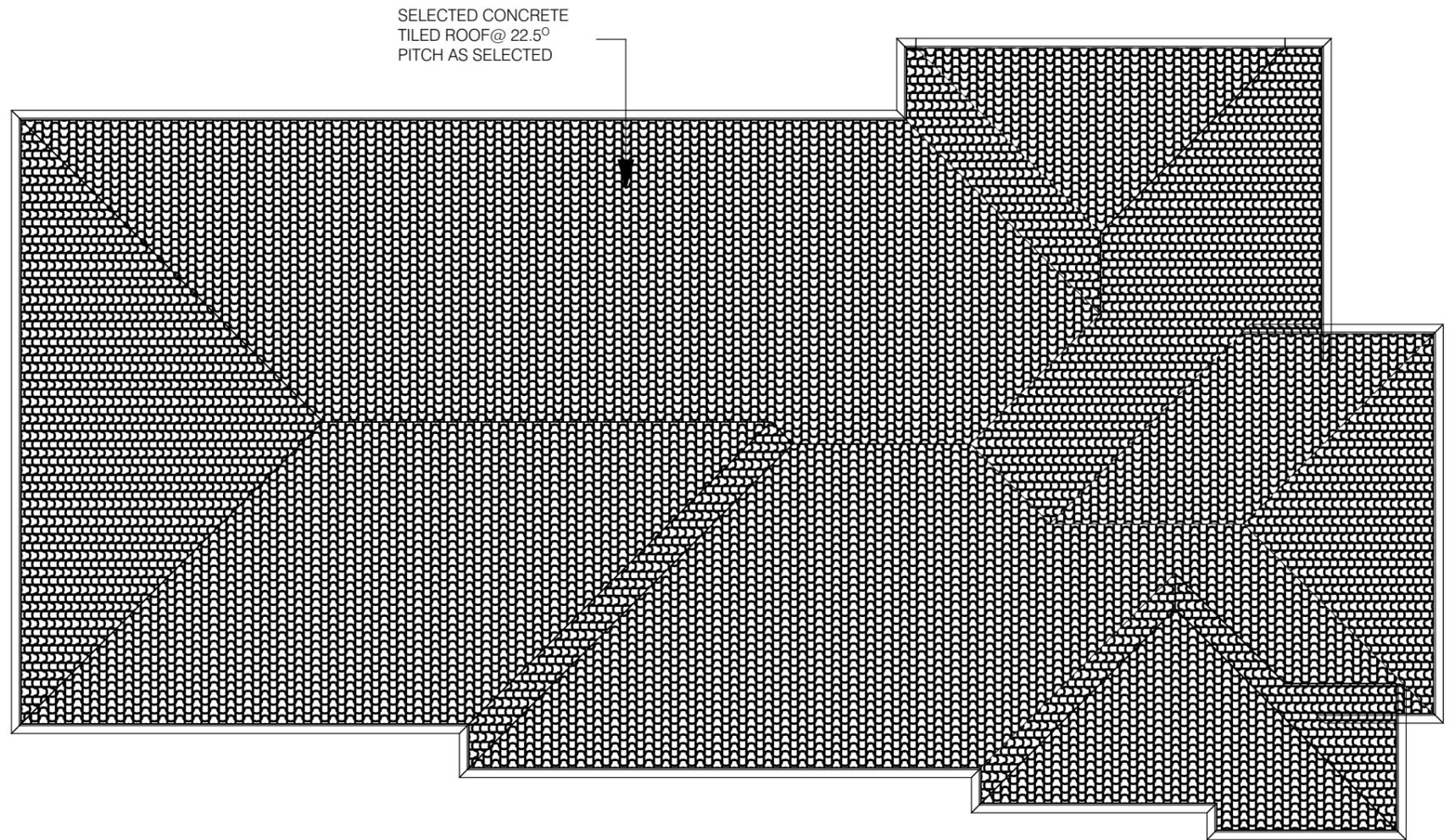
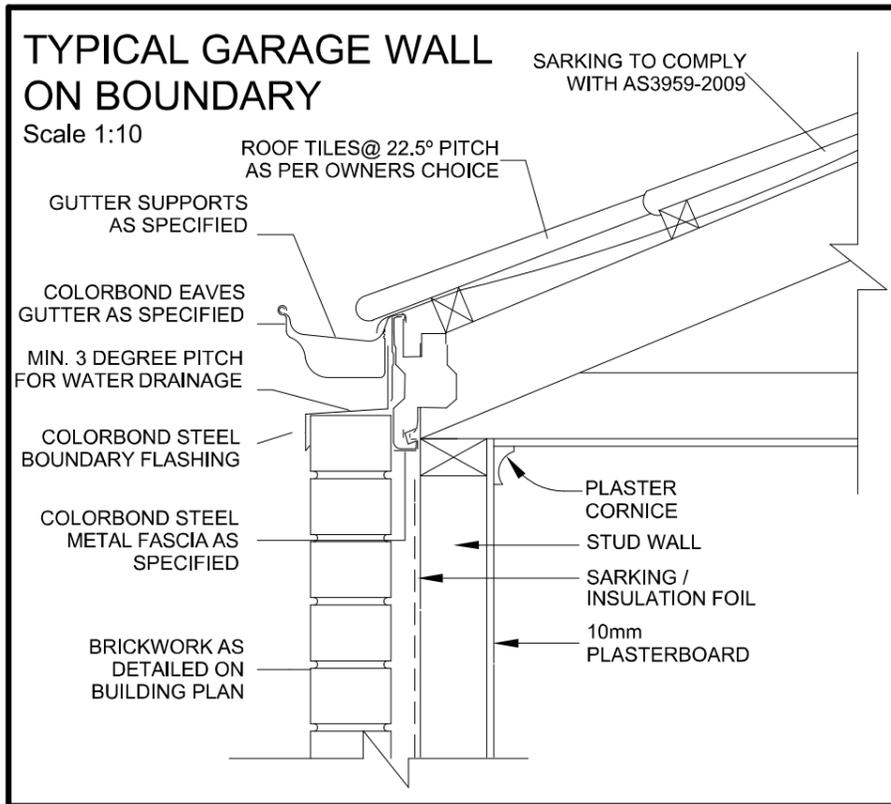
Total Watts	558.0	Allowable Watts	1151.0
Compliance	PASS		

Note: All external lighting must be controlled by a daylight sensor for have a minimum efficiency of 40 lumens per watt.

- #### ELECTRICAL LEGEND
- SINGLE GPO AT Ceiling
 - SINGLE GPO AT 300mm
 - DOUBLE GPO AT 300mm
 - SINGLE GPO AT 1050mm
 - DOUBLE GPO AT 1050mm
 - SINGLE GPO AT 1500mm
 - DOUBLE GPO AT 300mm
 - SINGLE WATER PROOF GPO AT 300mm
 - DOUBLE WATER PROOF GPO AT 300mm
 - BATTEN LIGHT HOLDER
 - LED DOWNLIGHT FIXED
 - LED DOWNLIGHT GIMBLE
 - FLURO WALL LIGHT
 - FLURO LIGHT TUBE
 - FLOOD LIGHT WALL
 - MOVEMENT SENSOR
 - METER BOX
 - EXHAUSTS FAN
 - S.D. SMOKE ALARM TO AS3786
 - T.V. OUTLET LOW
 - T.V. OUTLET HIGH
 - TELEPHONE POINT
 - 2-WAY LIGHT CIRCUIT
 - LIGHT CIRCUIT
 - CEILING HEATING DUCT OUTLET (APPX. LOCATION)
 - GROUND FLOOR CEILING SPEAKER GRILLE LOCATED UNDER FIRST FLOOR BATH/SPA WASTE (APPX. LOCATION)
 - DHU HEATING UNIT Inc. DOUBLE P.POINT & LIGHT POINT (APPX. LOCATION) EXACT LOCATION SUBJECT TO CONTRACTORS DISCRETION
 - EVAP. COOLING DUCT OUTLET (APPX. LOCATION)
 - ECU COOLING UNIT (APPX. LOCATION) EXACT LOCATION SUBJECT TO CONTRACTORS DISCRETION
 - A/C AIR-CONDITIONER UNIT Inc. ISOLATOR (APPX. LOCATION) EXACT LOCATION SUBJECT TO CONTRACTORS DISCRETION
 - THERMOSTAT
 - RETURN AIR (IN WALL)
 - CEILING FAN
 - CEILING FAN WITH LIGHT
 - LED SPOTLIGHT - SINGLE (HEIGHT VARIES)
 - LED SPOTLIGHT - DOUBLE (HEIGHT VARIES)
 - DIMMER LIGHT SWITCH
 - MOTION SENSOR
 - 2 GLOBE
 - 4 GLOBE - HEATER/FAN & LIGHT -
 - HEATER/FAN (NO LIGHT)
 - HEATER/FAN & LIGHT
 - JUNCTION BOX (Height Varies)
 - 1200 1200 FLURO - SINGLE
 - 1200 1200 FLURO - DOUBLE

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	M.A.C.	DATE:	8/11/16			CLIENT NAME:	MR. GURJINDER SINGH TIWANA	SCALE:	As indicated on drawings	ISSUE:	B	SHEET No.:
							JOB No.:	Job #20171	DRAWN:	MC	Plot Date:	14/06/2018



1:100 ROOF PLAN

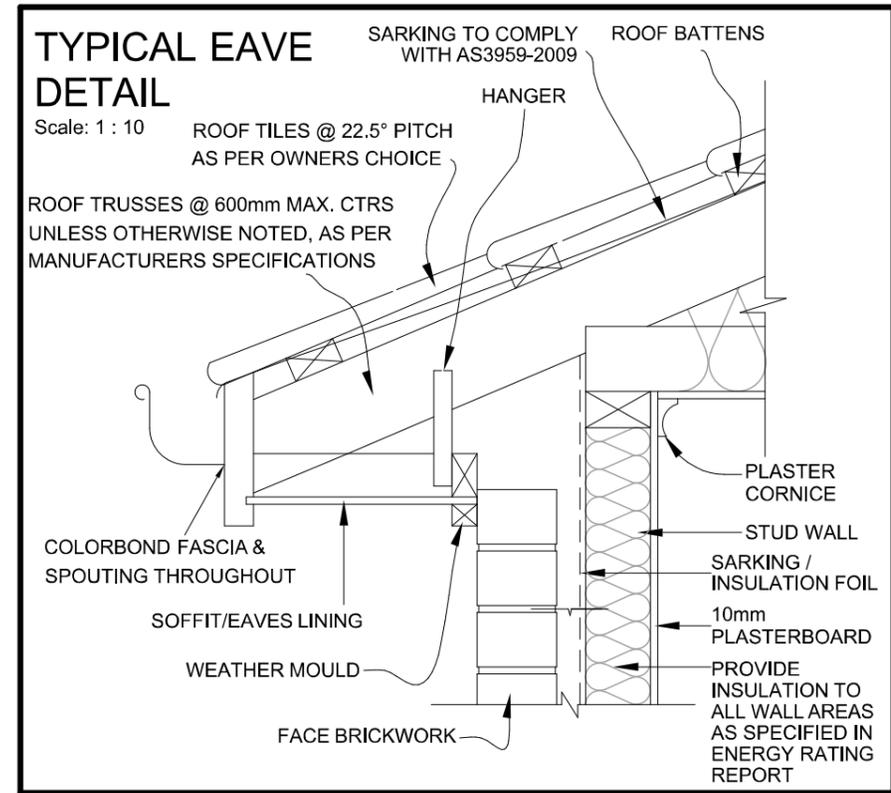
BUILDING BRACING TO BUILDER'S SPECIFICATIONS TO BE INSTALLED IN ACCORDANCE WITH AS1684.

BUILDER TO SUPPLY MANUFACTURERS TRUSS LAYOUT TO BUILDING SURVEYOR FOR APPROVAL PRIOR TO CONSTRUCTION. TRUSS DESIGN MUST BE IN ACCORDANCE WITH AS1720 AND AS1684. TRUSS FABRICATOR IS RESPONSIBLE FOR PROVIDING ADEQUATE ROOF BRACING TO ENSURE STABILITY OF THE STRUCTURE. ROOF TRUSSES TO BEAR ON ALL EXTERNAL WALLS AND EXTERNAL WALLS ONLY. IF INTERNAL WALLS NEED TO BE USED THIS OFFICE MUST BE CONTACTED FOR FURTHER ADVICE.

ARTIFICIAL LIGHTING AND CEILING PENETRATION CALCULATIONS

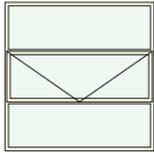
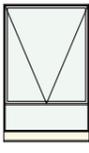
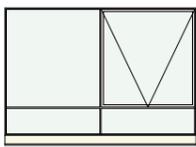
Lighting						
Dwelling	Watts	Number	Total Watts	Area	Maximum W/m ²	Allowable Watts
LED Downlight	12	41	492	195.0	5.0	975.0
			0			
			0			
			0			
Porch/Alfresco				17.0	4.0	68.0
LED Downlight	12	3	36			
			0			
			0			
Garage				36.0	3.0	108.0
Batten Holder	15	2	30			
			0			
			0			
Total Watts		558.0	Allowable Watts	1151.0		
Compliance	PASS					

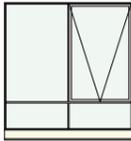
Note: All external lighting must be controlled by a daylight sensor to have a minimum efficiency of 40 lumens per watt.

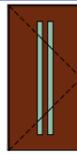
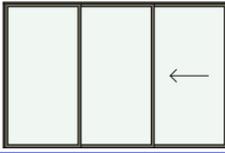
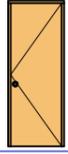
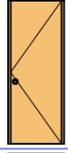
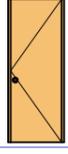


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 OMAXE HOMES <i>Where dreams get built</i> Ph: 03 90781977 E: info@omaxehomes.com	CHECKED BY:	NORTH POINT	PROJECT:	SINGLE STOREY DWELLING	 Mcam Building Design P/L 11 Redrck Road Wollert 3750 Phone: 9- Mobile: 0425349797 Web: www.mcambuildingdesign.com	TITLE:	ROOF PLAN	
		M.A.C.		LOT 20171 GOODMAN AVENUE, KALKALLO VIC 3064			SCALE: As indicated on drawings	ISSUE
	DATE:	8/11/16	CLIENT NAME:	MR. GURJINDER SINGH TIWANA		JOB No.	DRAWN	Plot Date:
						Job #20171	MC	14/06/2018
								WD-12

WINDOW SCHEDULE						
ID	ELEVATION	W x H Size	HEAD HT	TYPE	FRAME	COMMENTS
W-01		2,110x2,100	2,340			
W-02		610x2,110	2,340	AWNING	ALUMINIUM	
W-03		1,210x1,800	2,100	AWNING	ALUMINIUM	
W-04		1,210x1,027	2,100	AWNING	ALUMINIUM	
W-05		2,704x1,800	2,100	AWNING	ALUMINIUM	
W-06		610x1,800	2,100	AWNING	ALUMINIUM	
W-07		610x1,800	2,100	AWNING	ALUMINIUM	
W-08		610x1,800	2,100	AWNING	ALUMINIUM	
W-09		610x1,800	2,100	AWNING	ALUMINIUM	

WINDOW SCHEDULE						
ID	ELEVATION	W x H Size	HEAD HT	TYPE	FRAME	COMMENTS
W-10		1,210x1,027	2,100	AWNING	ALUMINIUM	
W-11		1,810x1,800	2,100	AWNING	ALUMINIUM	

DOOR SCHEDULE						
ID	ELEVATION	W x H Si...	HE...	TYPE	FRAME	COMMENTS
D-01		1,200x2,340	2,340	TIMBER	TIMBER	DESIGNER 1200 ENTRY DOOR AS PER CLIENT SELECTION
D-02		3,633x2,340	2,340	SLINDING	ALUMINIUM	ALUMINIUM FRAMED SLIDING GLASS DOORS
D-03		820x2,340	2,340			
D-03		820x2,340	2,340			820 LAUNDRY DOOR
D-04		820x2,340	2,340		SOLIDE	EXTERNAL 820 GARAGE DOOR

WINDOWS

- All windows are to be aluminium single glazed clear glass with a minimum U- value & SHGC as listed below

WINDOW TYPE	U-VALUE	SHGC
Awning, Casement	6.7	0.57
Fixed, Sliding	6.7	0.70

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M.A.C.
DATE: 8/11/16

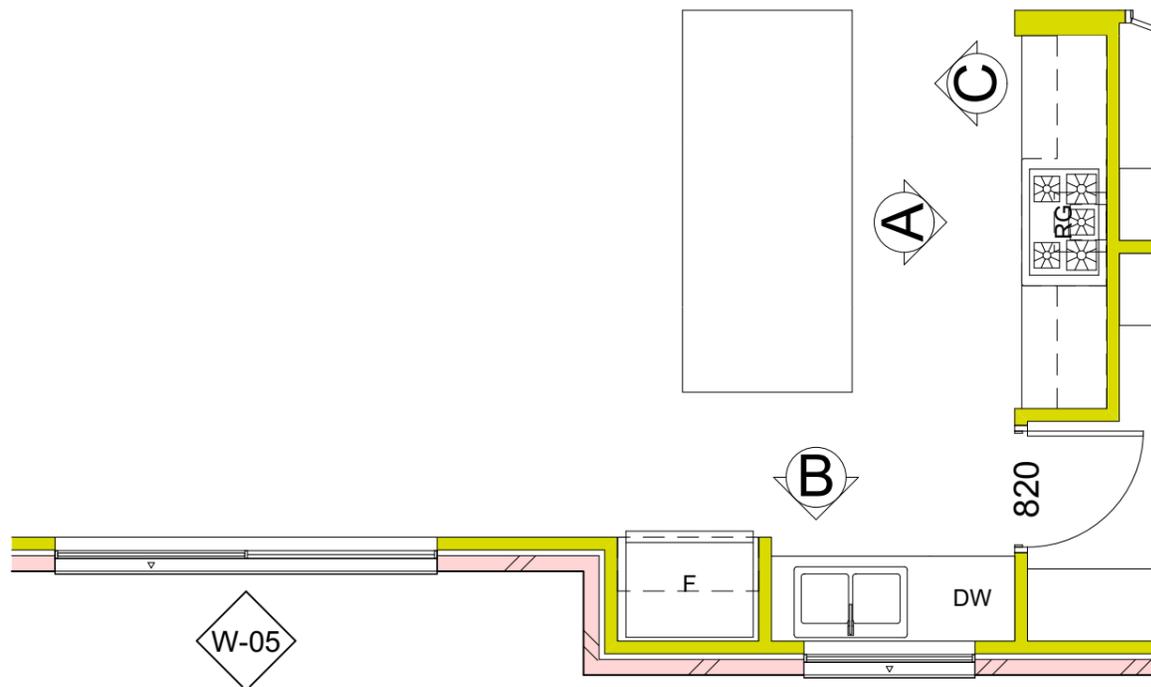
PROJECT: SINGLE STOREY DWELLING
LOT 20171 GOODMAN AVENUE,
KALKALLO VIC 3064
CLIENT NAME: MR. GURJINDER SINGH TIWANA

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11 Redrck Road Wollert 3750
Phone: 9- Mobile: 0425349797
Web: www.mcambuildingdesign.com



TITLE: **WINDOWS & EXT. DOORS SCHEDULE**

SCALE: As indicated on drawings	ISSUE	SHEET No.
JOB No. Job #20171	DRAWN MC	WD-13
	A	Plot Date: 14/06/2018

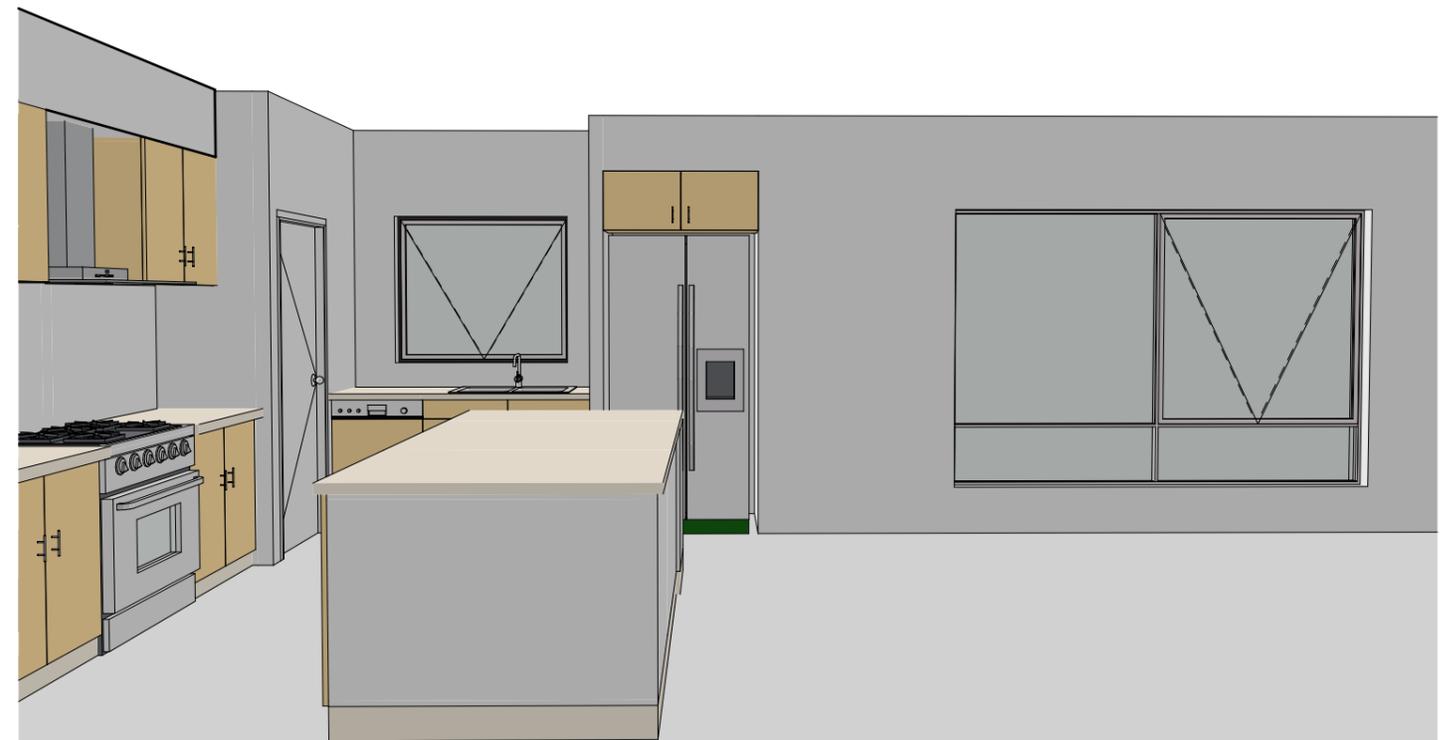


1:50 INTERNAL ELEVATIONS PLAN



CAMERA VIEW 1

IMPORTANT NOTE : 3D IMAGE ARE FOR ILLUSTRATIVE PURPOSES ONLY, ARE ARTIST IMPRESSION AND THE COLOR SELECTED BY THE CLIENT MAY NOT BE MATCH TO THE SEE IN THIS 3D IMAGE



CAMERA VIEW 2

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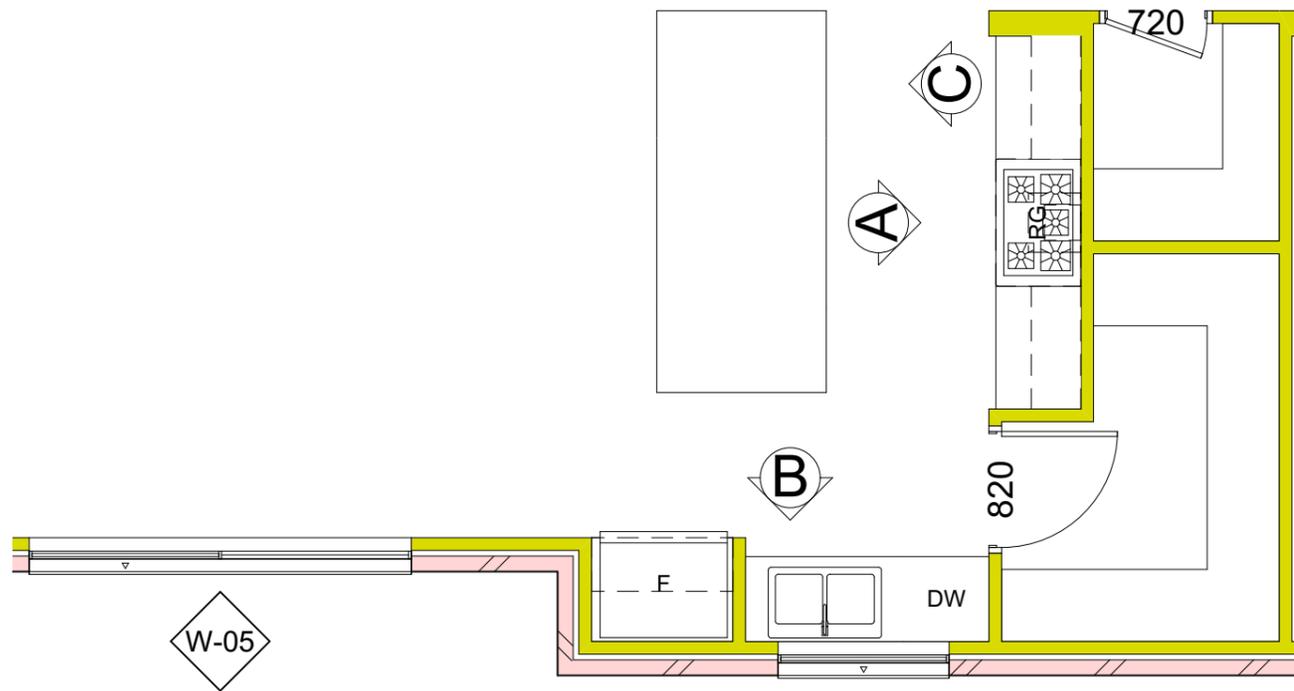
CHECKED BY:	NORTH POINT
M.A.C.	
DATE:	8/11/16

PROJECT:
SINGLE STOREY DWELLING
 LOT 20171 GOODMAN AVENUE,
 KALKALLO VIC 3064
 CLIENT NAME:
 MR. GURJINDER SINGH TIWANA

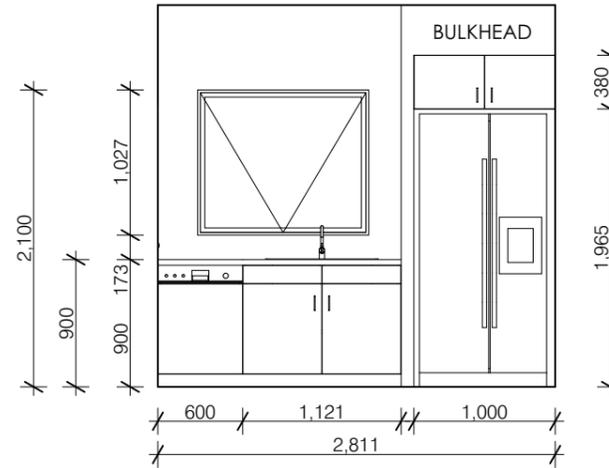
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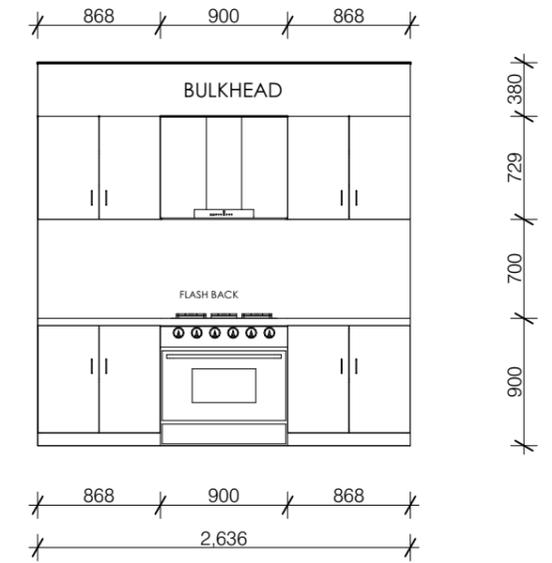
TITLE: KITCHEN INTERNALS			
SCALE: As indicated on drawings	ISSUE		SHEET No.
JOB No. Job #20171	DRAWN MC	A	Plot Date: 14/06/2018
			WD-14



KITCHEN
SCALE : 1:50

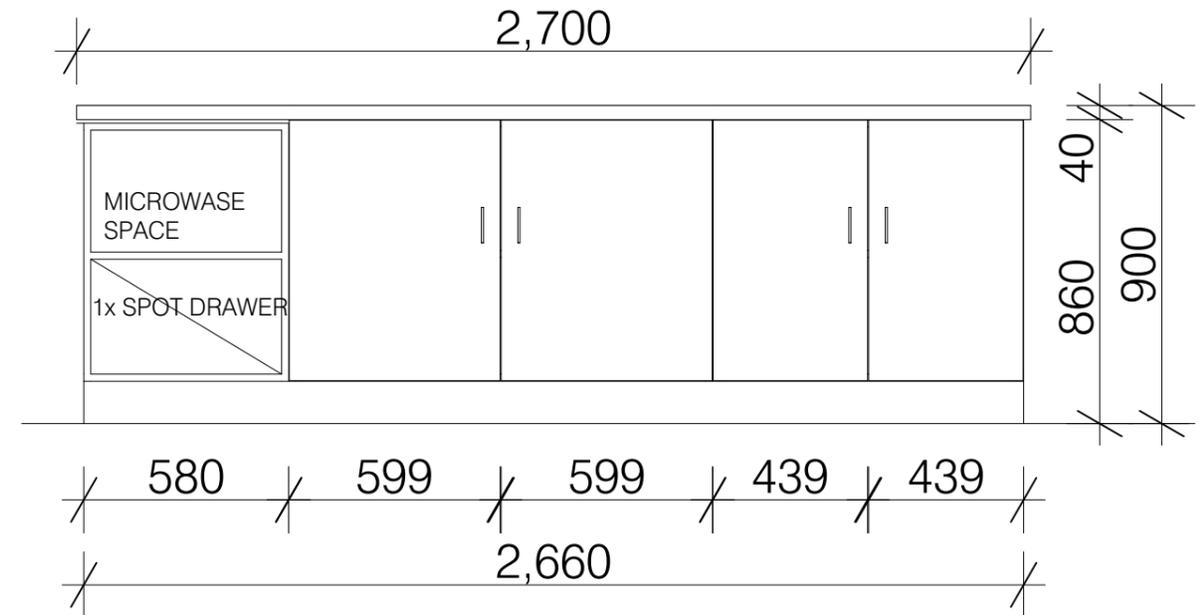


1:50 ELEVATION -B



1:50 ELEVATION -A

ISLAND BENCHTOP



1:20 ELEVATION -C

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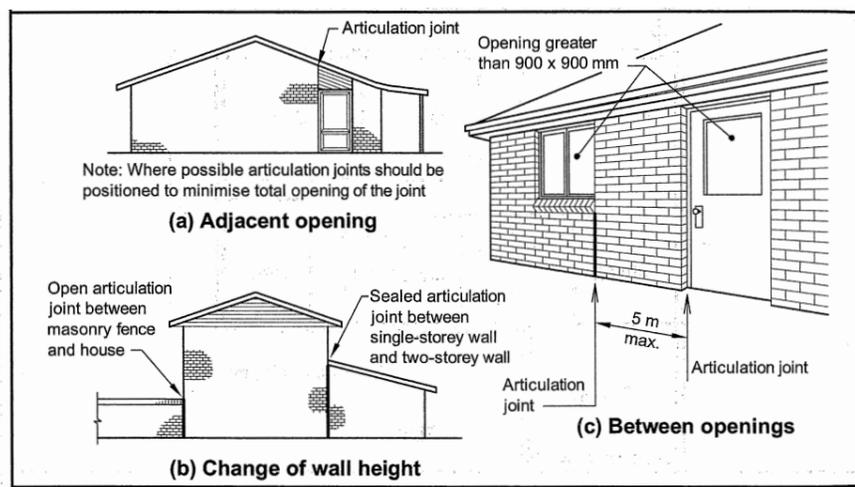
CHECKED BY:	NORTH POINT
M.A.C.	
DATE:	8/11/16

PROJECT:
SINGLE STOREY DWELLING
LOT 20171 GOODMAN AVENUE,
KALKALLO VIC 3064
CLIENT NAME:
MR. GURJINDER SINGH TIWANA

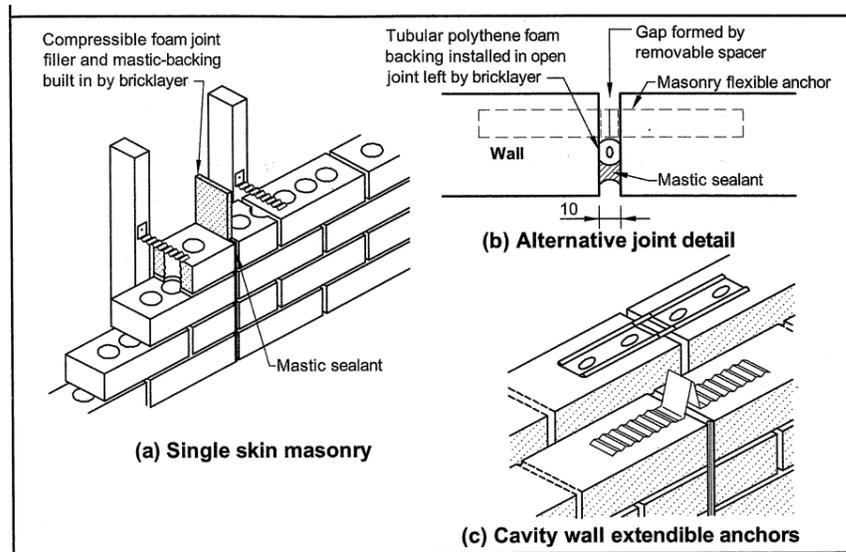
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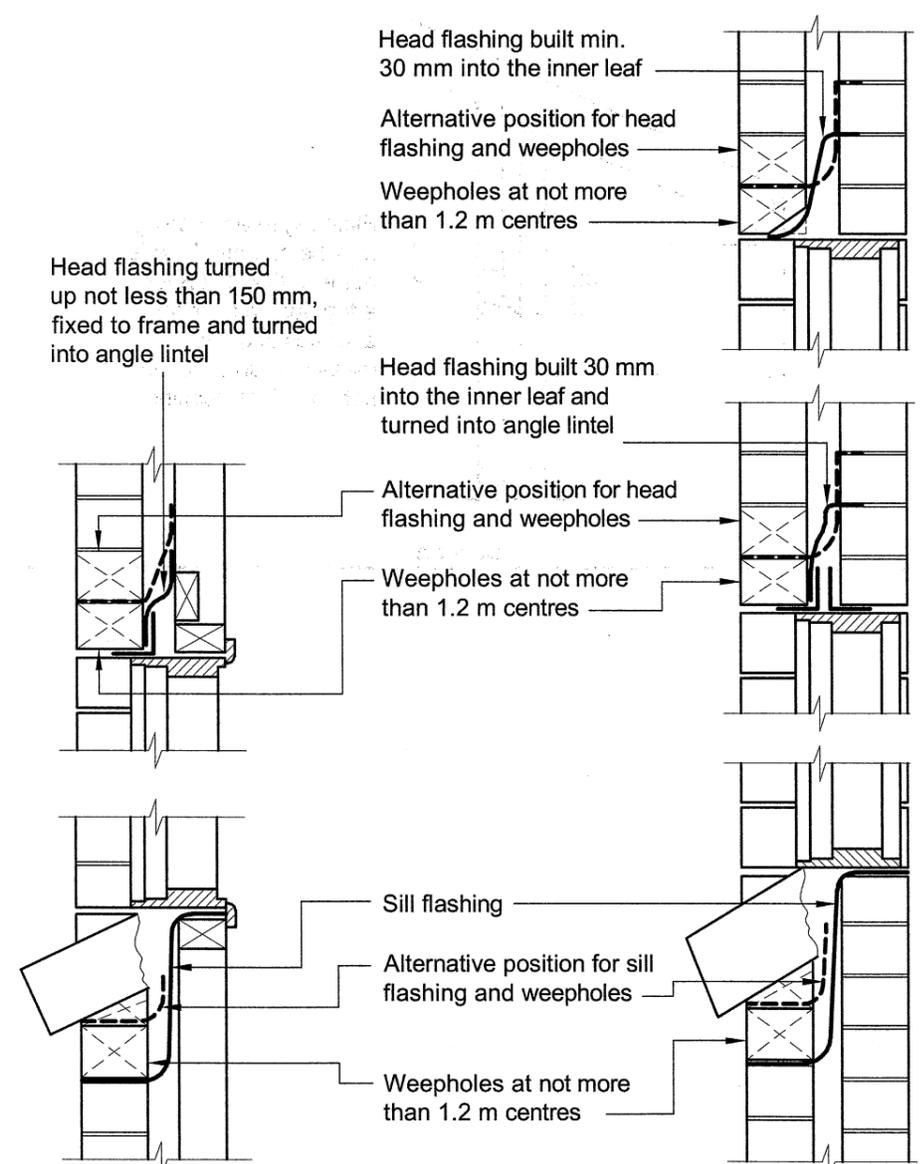
TITLE: KITCHEN ELEVATIONS			
SCALE:	As indicated on drawings	ISSUE	SHEET No.
JOB No.	DRAWN	Plot Date:	WD-15
Job #20171	MC	14/06/2018	



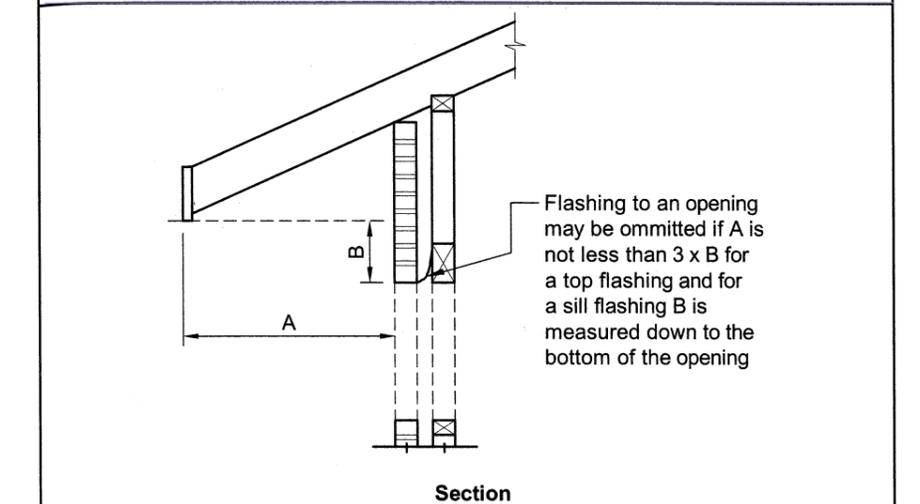
D-01 TYPICAL LOCATIONS OF CONTROL JOINTS



D-02 TYPICAL CONTROL JOINTS DETAILS



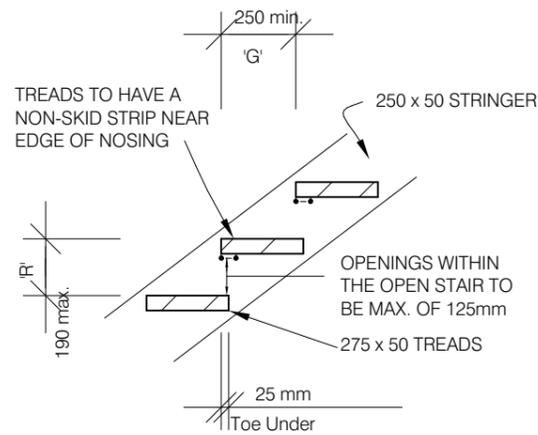
D-03 FLASHINGS TO EXTERNAL WALL OPENINGS



D-04 INSTALLTION OF SILL & HEAD FLASHINGS

HANDRAILS SHALL BE PROVIDED ALONG EACH SIDE OF A STAIRWAY IF THE WIDTH OF THE STAIRWAYS EXCEEDS 2000mm.

THE WIDTH OF A STAIR (MEASURED CLEAR OF HANDRAILS AND OBSTRUCTIONS) SHALL BE CONSTANT. BALUSTRADES TO BE CONSTRUCTED IN A WAY THAT ANY OPENINGS DOES NOT PERMIT A 125mm SPHERE TO PASS THROUGH IT AND FOR BOTTOM RAILS THE SPACE IS TESTED ABOVE THE NOSINGS.

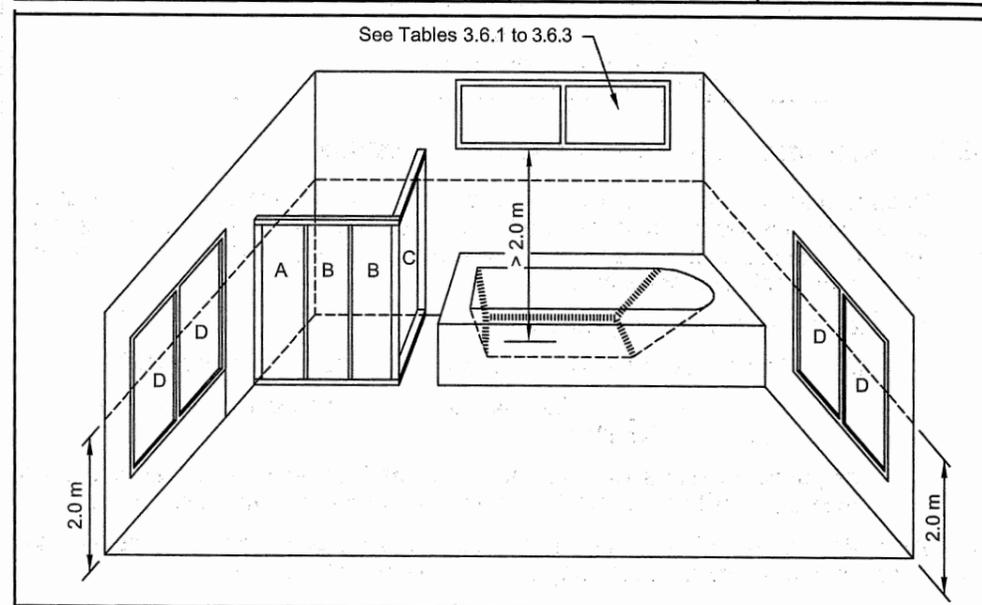


GOING AND RISERS SHALL NOT EXCEED FOLLOWING:

	RISER (R)		GOING (G)		QUANTITY (2R+G)	
	Max.	Min.	Max.	Min.	Max.	Min.
Stairs	190	115	355	250	700	550

MAXIMUM AREAS OF GRADE B SAFETY GLAZING MATERIALS FOR SHOWER DOORS, SHOWER SCREENS AND BATH ENCLOSURES

Type of glass	Standard nominal thickness (mm)	Maximum area of pane (m ²)	Area (Fig. 3.6.3)
Safety wired glass	Greater than or equal to 6	2.5	A, B, C
	3	1	A, B, C, D
Safety organic coated glass	4	1.5	
	5	2	
	Greater than or equal to 6	3	



DO-7 GLAZING REQUIREMENTS FOR BATHROOMS ETC

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	CHECKED BY:	NORTH POINT	PROJECT:	SINGLE STOREY DWELLING			TITLE:	DETAILS				
	M.A.C.			LOT 20171 GOODMAN AVENUE, KALKALLO VIC 3064				SCALE:	As indicated on drawings		ISSUE	SHEET No.
	DATE:	8/11/16	CLIENT NAME:	MR. GURJINDER SINGH TIWANA		11 Redrck Road Wollert 3750	JOB No.	As indicated on drawings	DRAWN	A	Plot Date:	WD-16
						Phone: 9- Mobile: 0425349797 Web: www.mcambuildingdesign.com	Job #20171	MC			14/06/2018	

Thermal Energy Report Building Specification Requirements

Star Rating: 6.0 stars

The below items have been added to the proposed building in order to gain the given rating as per the attached report. Please read these items in conjunction with the attached report and plans as stamped and endorsed.

Please note: the below items are minimum requirements that must be incorporated and installed correctly for the building to achieve the rating given. Please ensure that all minimum B.C.A requirements are met as required.

Specification Inclusion List as follows;

CEILINGS

- R6.0 bulk insulation in the ceiling of the roof excluding the Garage

FLOORS

- Minimum 385mm waffle pod (300mm waffle / 85mm slab)

WALLS

- R2.5 bulk insulation with 1 layer of breathable membrane wrap to all the external walls excluding the Garage
- R2.5 bulk insulation in the internal Garage walls

WINDOWS

- All windows are to be aluminium single glazed clear glass with a minimum U- value & SHGC as listed below

WINDOW TYPE	U-VALUE	SHGC
Awning, Casement	6.7	0.57
Fixed, Sliding	6.7	0.70

AIR LEAKAGE

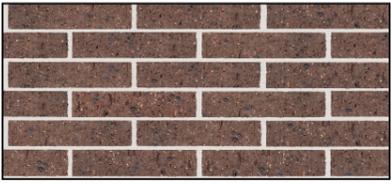
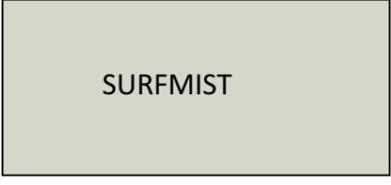
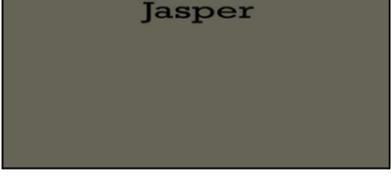
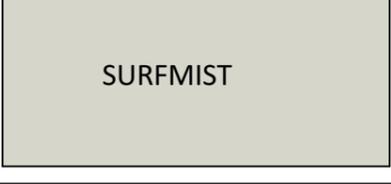
- 3.12.3.1 – All chimneys and flues to be fitted with self closing dampers.
- 3.12.3.2 – All roof lights must be sealed or capable to be sealed.
- 3.12.3.3 – All external windows and doors are to be fitted with weather-strips.
- 3.12.3.4 – Self-closing damper to all the exhaust fans.
- 3.12.3.5 – Seal any avenues of air leakage through the building envelope by caulking, skirting, architraves, cornices or the like.

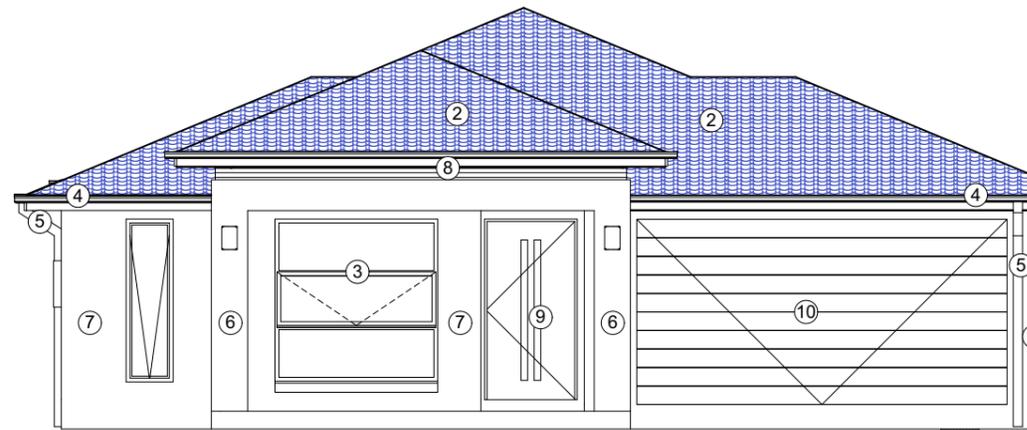
GENERAL NOTES

- The building materials listed in these reports are the minimum requirement needed to achieve the listed Star Rating required. All State, Territory & Federal; building standards and regulations still need to be adhered to.
- All insulation is to be supplied and installed as per Australian Standards & required regulations.
- Holes, rips and penetrations through Sisalation, Reflective Foils and Insulation Wraps must be sealed or repaired.
- Insulation batts and blankets are not to be compressed when being installed and all voids must be completely filled.
- Insulation is to be laid over all manhole lids, ensuring a continuous layer of insulation. No ceiling penetrations have been entered for man holes.
- Glass window and glass door sizes are not to be increased; it will change the rating of this report.
- Total System 'U-Value' - The glass windows and/or glass doors supplied must equal and/or can be less than the 'U-Values' listed in this report.
- Total System 'SHGC' - The glass windows and/or glass doors supplied should not be greatly reduced or increased (a 5% variance is acceptable) than the Total System 'SHGC' Values listed in this report.
- All downlights and exhaust fans that penetrate the ceiling must be sealed.
- If any details are changed on this project as listed above then this report may be invalid and will need to be re assessed to meet the minimum star rating required; there will be an additional cost to re issue this report and also re stamping the amended working drawings if required.
- (NCC 2016: V2, BCA) This Thermal Performance Assessment meets the 6 Star Rating required as laid out in the NCC 2016, BCA V2, Class 1 and Class 10 Buildings
- (NCC 2016: V2, BCA) It is also the responsibility of the developer, builder and/or owner builder that the following sections of the NCC 2016, BCA Volume 2, comply; 3.12.1.1 Building fabric thermal insulation; 3.12.1.2(c) & 3.12.1.4(b) Thermal breaks; 3.12.1.5(c) & 3.12.1.5(d) Floor edge insulation & Part 3.12.3 Building Sealing.
- (NCC 2016: V2, BCA - Victoria) In the case of a new Class 1 building, it must have either a rainwater tank connected to all sanitary flushing systems or a solar water heater system.
- See above for ceiling penetration calculations or a re-rating is required.

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 <p>Ph: 03 90781977 E: info@omaxehomes.com</p>	CHECKED BY:	NORTH POINT	PROJECT:	MCam Building Design P/L 11 Redrck Road Wollert 3750 Phone: 9- Mobile: 0425349797 Web: www.mcambuildingdesign.com		TITLE:	ENERGY RATING SUMMARY		
	M.A.C.		SINGLE STOREY DWELLING LOT 20171 GOODMAN AVENUE, KALKALLO VIC 3064			SCALE:	As indicated on drawings	ISSUE	
	DATE:	8/11/16	CLIENT NAME:			JOB No.	JOB #20171	DRAWN	MC
									A
							Plot Date:	14/06/2018	WD-17

MATERIALS & FINISHES			
NO	MATERIALS/ DESCRIPTION	TYPES/FINISHES	COLOUR
1	BRICKS	HOMESTEAD TAN AUSTRAL BRICK	
2	ROOF TILES	CHARCOAL-CLASSIC RANGE BRISTLE ROOFING	
3	ALUMINIUM FRAME WINDOWS	SURFMIST	
4	FASCIA/GUTTER	BLACK	
5	SPOUTING & DOWNPIPE	BLACK	
6	PORCH PILLAR	JASPER	
7	FAÇADE RENDER FINISH	SURFMIST	



8	FEATURE TIMBER CLADDING	FEATURE TIMBER CLADDING - (JARRAH) -	
9	ENTRY DOOR	JARRAH (TIMBER LOOK)	
10	GARAGE DOOR	SLIMLINE GARAGE DOOR PROFILE - (JARRAH)- WITH REMOTE CTRL	
11	DRIVE WAY	EXPOSED AGGREGATE	
12	FENCE	PRE-COATED METAL SHEETING PANELS IN GREY RIDGE COLOUR OR COLOUR TO MATCH	

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PROJECT:	SINGLE STOREY DWELLING
	LOT 20171 GOODMAN AVENUE, KALKALLO VIC 3064
CLIENT NAME:	MR. GURJINDER SINGH TIWANA

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11 Redrck Road Wollert 3750
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Web: www.mcambuildingdesign.com



TITLE: MATERIALS & FINISHES			
SCALE: As indicated on drawings	ISSUE	SHEET No.	
JOB No. Job #20171	DRAWN MC	Plot Date: 14/06/2018	WD-18