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DRAWN BY:
PAM CARSBURG
CHECKED BY:
DAVID WESTERMAN
SCALE:
@ A3

CLIENT:
TED & YVONNE MOFFAT

PROJECT:

Proposed - Residence

PROJECT LOCATION: 13212 GWYDIR HIGHWAY, WARIALDA NSW 2402

јов но: **B221** 

DRAWING TITLE:
Cover Sheet

DRAWING NO:

A.00



Active Construction Group Pty Ltd Trading as Westbuilt Homes

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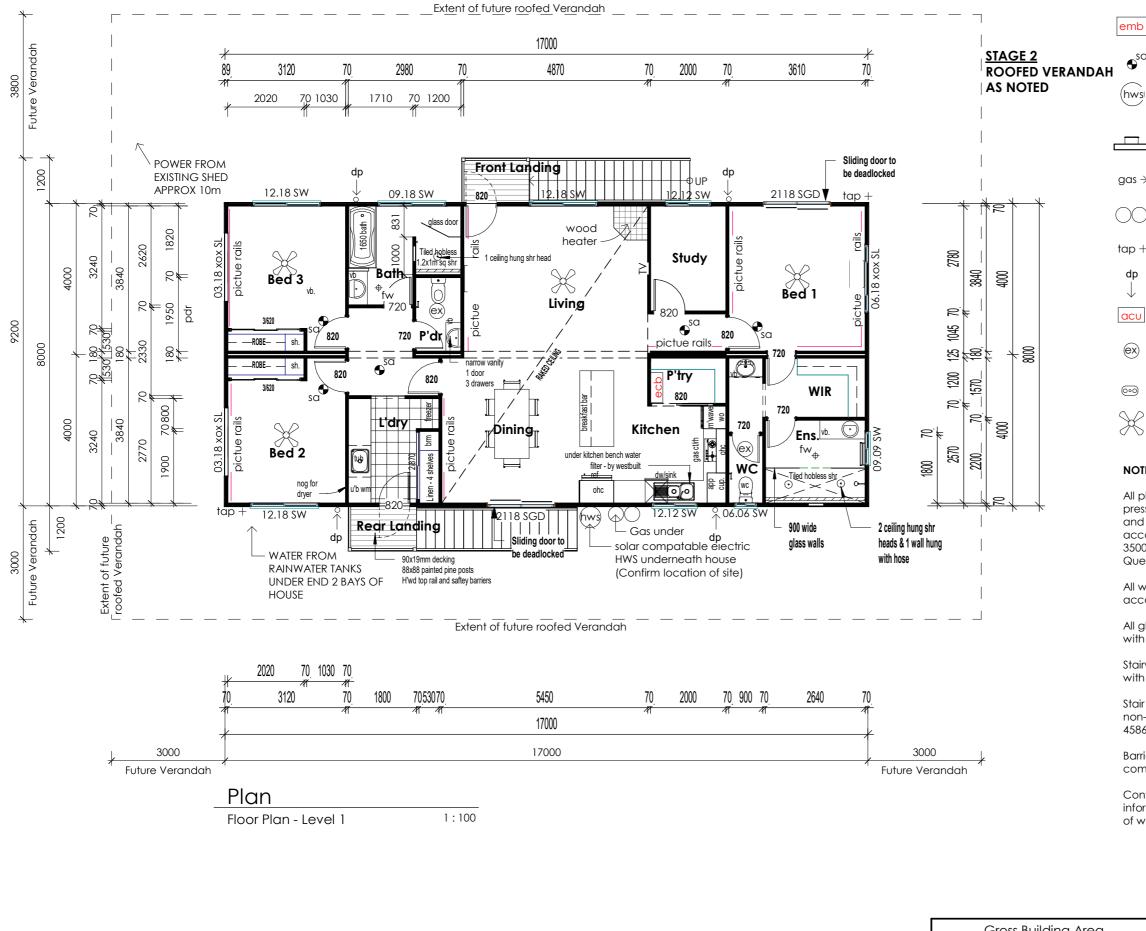
W: www westbuilt net au

Project: **Proposed** – **Residence** 

Client: TED & YVONNE MOFFAT

Address: 13212 GWYDIR HIGHWAY, WARIALDA NSW 2402

Property: Lot 1 /DP220933



#### LEGEND

Suggested location of Electrical Meter Box

Photoelectric Smoke Alarm (AS 3786-2014)



Indicates suggested location of continuous flow Gas / Electric hot water system. Confirm on site.

Indicates suggested location of gas connection point.

Indicates suggested location of gas cylinders.

Indicates location of tap. Confirm location on site.

Indicates location of proposed downpipes.

Indicates proposed location of air condensor unit. Confirm position on site.

Indicates proposed location mechanical exhaust fan. Duct to eaves.

Indicates proposed location of 3 in 1

Indicates proposed location of ceiling fan. Minimum 900mm diameter.

#### NOTES:

All plumbing fixtures and installations including pressure limiting devices, hot water systems and dual flush toilet suites to be WELS rated in accordance with AS/NZ 6400 - 2005 & AS 3500, and incompliance with Part 4.1 of the Queensland Development Code (QDC).

All wet areas are to be waterproofed in accordance with Clause 3.8.1, Vol 2 of NCC.

All glazing is to be installed in accordance with Clause 3.6, Vol 2 of the NCC.

Stairways are to be installed in accordance with Clause 3.9.1, Vol 2 of the NCC.

Stair treads - A surface or nosing strip with a non-slip classification in accordance with AS

Barriers and handrails are to be installed to comply with Clause 3.9.2, Vol 2 of the NCC.

Confirm all dimensions and design information on site prior to commencement of work.

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ALL WORKS ARE TO COMPLY WITH THE FOLLOWING:

ISSUE AMENDMENT DATE

Original Issue

Revision 4, add & changes windows, pdr

Issue for Construction

Revision 2

Revision 3

11.06.2019

19.06.2019

06.08.2019

30.08.2019

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1:100@A3

CLIENT:

**TED & YVONNE MOFFAT** 

PROJECT:

**Proposed - Residence** 

PROJECT LOCATION: 13212 GWYDIR HIGHWAY, **WARIALDA NSW 2402** 

JOB NO: **B221** 

DRAWING TITLE: Floor Plan - Level 1

DRAWING NO: A.02

ISSUE: Ε



Gross Building Area					
Name	Area (m²)	Squares (SQ)			
1.F.F.Level					
ront Landing	1.8 m²	0.19			
iving	137.0 m <sup>2</sup>	14.74			
Rear landing	1.9 m²	0.21			
	140.7 m²	15.14			
Grand total	140.7 m <sup>2</sup>	15.14			

Signatures
Owner(s):
Builder:
Date:

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#### **ELECTRICAL PLAN SYMBOLS**

Electrical Meter Box

Electrical Circut Breaker Box

Single Power Outlet

Weatherproof Double Power Outlet

Double Power Outlet - 300AFL

Double Power Outlet - Nominated height

**Quad Power Outlet** 

Power Switch

Two-Way Switch Switch with Dimmer

Pendant Light Fixture

Ceiling Light Fixture

Wall Mounted Light Fixture

Single Flourescent Light

Double Flourescent Light

Circular Flourescent Light

Flood Light ○3 Twin Flood Light

Twin Flood Light with Sensor

Downlight

Exhaust Fan

Exhaust Fan / Light

3 in 1 Tastic

Smoke Alarm

Wall Mounted Air Conditioner

Plan

Lighting

Ground Level Electrical &

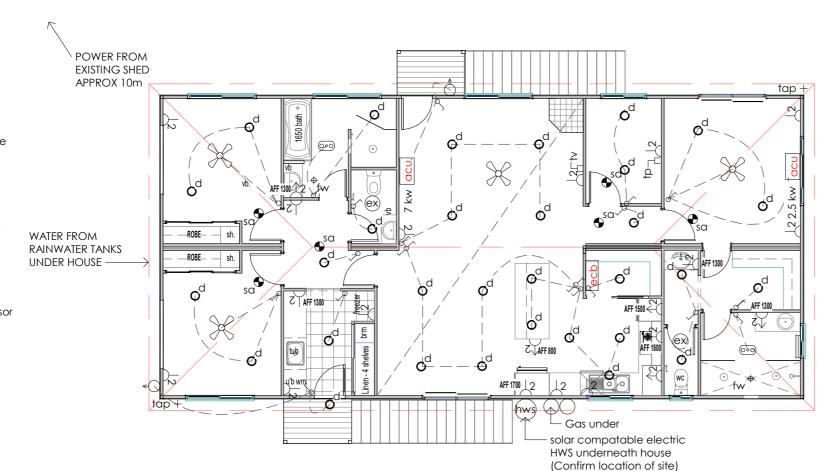
Telephone Socket

Ceiling Fan / Light

Ceiling Fan

gas > Gas Outlet

Gas Cylinders



1:100

## NOTES

This proposed electrical and lighting plan is to be completed by building owner in collaboration with the builder using symbols provided.

The builder and electrical sub-contractor must confirm the proposed meets the requirements of Part 3.12.5, Vol 2 of the NCC - in particular energy efficiency of artificial lighting - and consult with the building owner where changes may be required. The illumination power density of artificial lighting must not exceed the allowance of:

- A. 5W/m² in a Class 1 building; and,
- 4W/m<sup>2</sup> on a verandah, balcony or the like attached to a Class 1 building; and,
- C. 3W/m² in a Class 10a building associated with a Class 1 building.

The above allowances may vary for lighting with a control device per Part 3.12.5.5 (b), Vol 2 of th NCC.

Downlights must have fireproof covers which can be fully covered by insulation. Downlights other that the above may compromise the Energy Rating for this

All plumbing fixtures and installations including pressure limiting devices, hot water systems and dual flush toilet suites to be WELS rated in accordance with AS/NZ6400 - 2005, AS3500, and meet compliance with part MP 4.1 of the Queensland Development Code (QDC).

- Shower rose and tapware to be 3 Star WELS
- Toilet suites to be 4 Star WELS rated.

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DOCUMENTS

CHECKED BY: **DAVID WESTERMAN** SCALE:

1:100@A3

CLIENT:

**TED & YVONNE MOFFAT** 

PROJECT:

**Proposed - Residence** 

PROJECT LOCATION:

13212 GWYDIR HIGHWAY, **WARIALDA NSW 2402** 

JOB NO: **B221** 

DRAWING TITLE: **Electrical & Lighting Plan** 

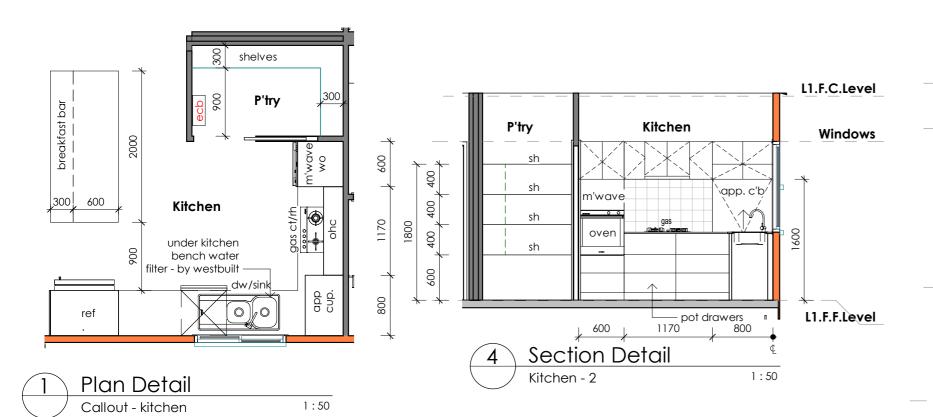
DRAWING NO: A.03

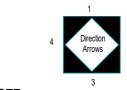
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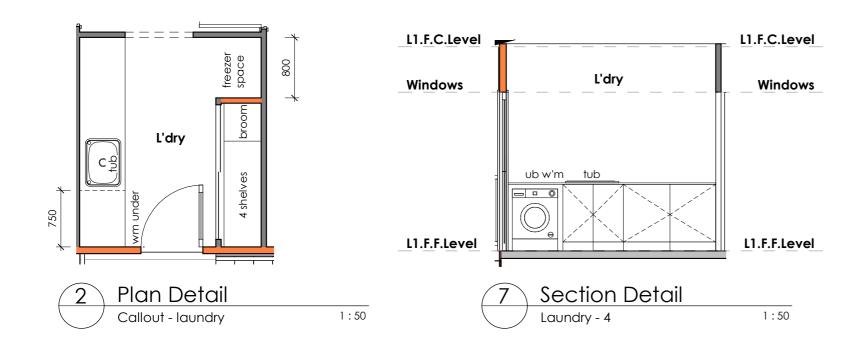
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O 111101 (3)	License: QLD: 12 163 8
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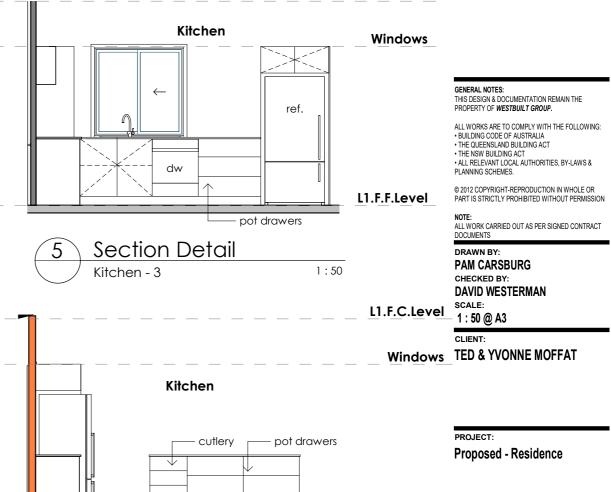
ctive Construction Group Pty Ltd Trading as estbuilt Homes .B.N: 40 165 638 988 A.C.N: 165 638 988 icense: QLD: 12 163 85 ostal: PO Box 663 Warwick QLD 4370 ead Office & Factory: 38-48 Project Street /arwick QLD 4370 REE CALL: 1800 688 044 : (07) 4661 8410 **F**: (07) 4661 8433 sales@westbuilt.net.au





Refer to specifications for exact tiling pattern





L1.F.C.Level

Section Detail 1:50 Kitchen 4

JOB NO: **B221** 

L1.F.F.Level PROJECT LOCATION:

DRAWING TITLE: **Room Layouts** 

13212 GWYDIR HIGHWAY, WARIALDA NSW 2402

DRAWING NO: A.04a

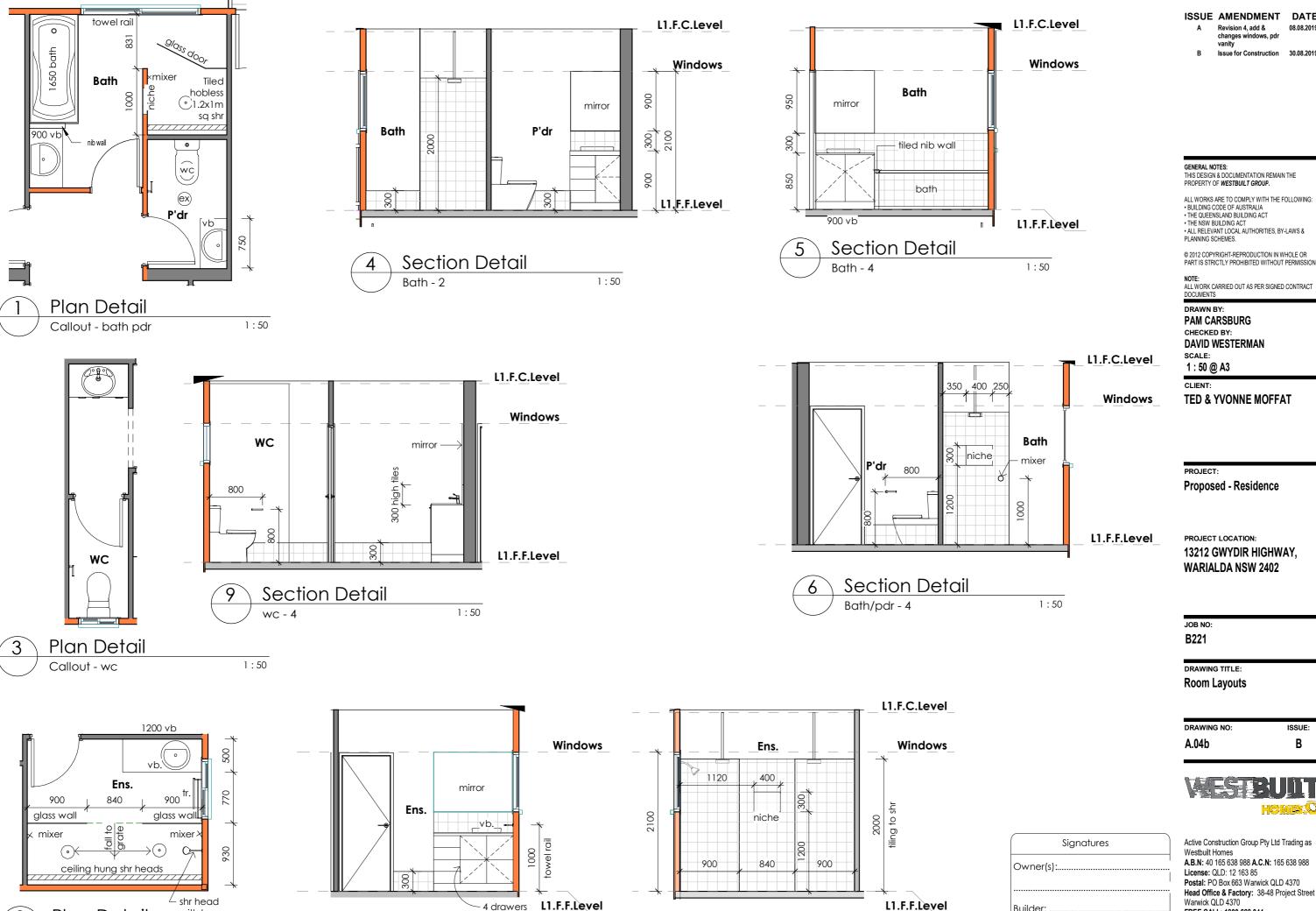
ISSUE: В

ISSUE AMENDMENT DATE Revision 4. add &

Issue for Construction 30.08.2019

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Section Detail

Plan Detail

Callout - ens

with hose

1:50

Section Detail

1:50

ISSUE AMENDMENT DATE

Revision 4, add &

Issue for Construction 30.08.2019

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**TED & YVONNE MOFFAT** 

PROJECT LOCATION:

**WARIALDA NSW 2402** 

ISSUE: В



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Builder:

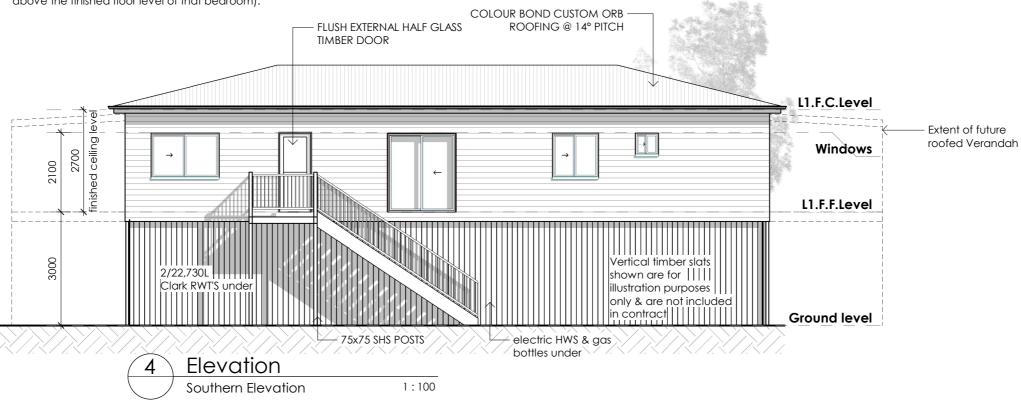
Date:.

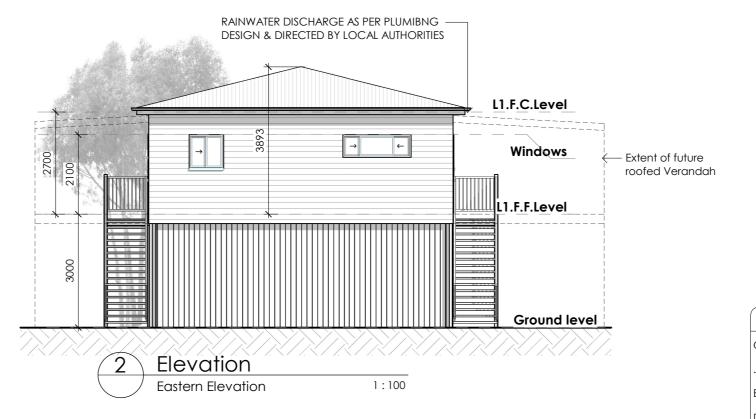
1:50

G.F.F.Level - Denotes Finished Floor Level (FFL) G.F.C.Level - Denotes Finished Ceiling Level (FCL)

#### PROTECTION OF OPENABLE WINDOWS

Protection of openable windows to be in compliance with Part 3.9.2.5, Vol 2 of the NCC. A window opening in any bedroom must be provided with protection if the window is 2m or more above the surface beneath (Unless the lowest level of the window opening is more than 1.7m above the finished floor level of that bedroom).





ISSUE AMENDMENT DATE 11.06.2019 Original Issue 19.06.2019 Revision 2 06.08.2019 Revision 3 Revision 4, add &

changes windows, pdr 30.08.2019

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DRAWN BY:

PAM CARSBURG CHECKED BY: **DAVID WESTERMAN** 

SCALE:

1:100@A3

CLIENT:

**TED & YVONNE MOFFAT** 

PROJECT:

Proposed - Residence

PROJECT LOCATION: 13212 GWYDIR HIGHWAY, WARIALDA NSW 2402

JOB NO: **B221** 

DRAWING TITLE: **Elevations** 

DRAWING NO:

A.05a

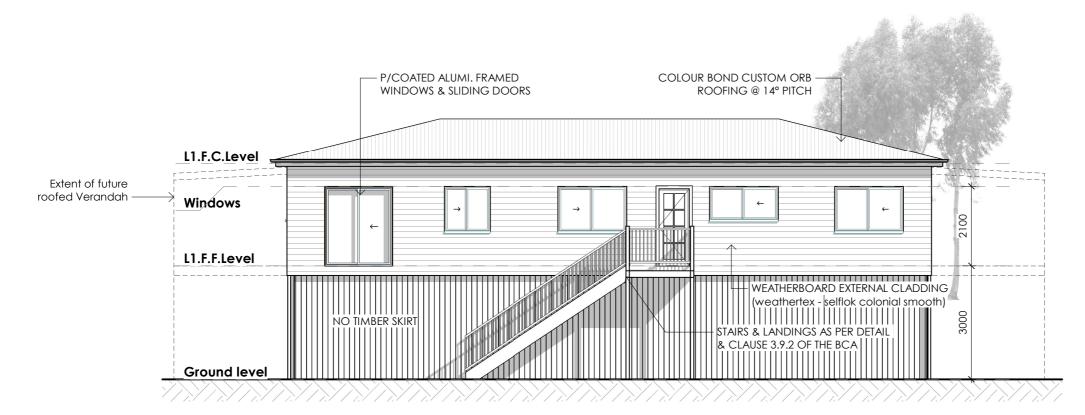
ISSUE: Ε



Signatures Owner(s):... Builder: Date:.

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Elevation 1:100 Northern Elevation

gutter guards - by westbuilt L1.F.C.Level Windows L1.F.F.Level Vertical timber slats shown are for | | | | | illustration purposes only & are not included in contract | | | | | **E**Ground level

> Elevation Western Elevataion 1:100

Stairways are to be installed in accordance with Clause 3.9.1, Vol 2 of the NCC.

Stair treads - A surface or nosing strip with a nonslip classification in accordance with AS 4586.

Barriers and handrails are to be installed to comply with Clause 3.9.2, Vol 2 of the NCC.

## PROTECTION OF OPENABLE WINDOWS

Protection of openable windows to be in compliance with Part 3.9.2.5, Vol 2 of the NCC. A window opening in any bedroom must be provided with protection if the window is 2m or more above the surface beneath (Unless the lowest level of the window opening is more than 1.7m above the finished floor level of that bedroom).

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SCALE: 1:100@A3

CLIENT:

**TED & YVONNE MOFFAT** 

PROJECT:

Proposed - Residence

PROJECT LOCATION: 13212 GWYDIR HIGHWAY, WARIALDA NSW 2402

JOB NO: **B221** 

> DRAWING TITLE: **Elevations**

DRAWING NO:

A.05b



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75x75 SHS POSTS

1:100

3260

stump Setout & Subfloor

Plan

Bracing

SOP 1

1800

#### ISSUE AMENDMENT DATE A Issue for Construction 30.08.2019

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#### DRAWN BY: PAM CARSBURG CHECKED BY: DAVID WESTERMAN

SCALE: 1:100 @ A3

# CLIENT:

**TED & YVONNE MOFFAT** 

## FLOOR SYSTEM SYMBOLS

FLOOR SYSTEM NOTES:

Bearers and joists sized from AS1684.2

Steel Bearers & Joists sized by registered engineer

Diagonal distance from SOP 1 to SOP 3 = 19,774mm.

- denotes location of steel SHS stump set in concrete footing to engineers detail.
- Denotes dimension to centre line
- § Denotes dimension to outside face

### TO ENGINEERS DESIGN & DETAIL

- Sub floor bracing & calcs
- concrete footings

,1390 €

3230

4950

### **ENGINEER TO CONFIRM**

- confirm ceiling diaphram bracing
- confirm bracing & tiedown

PROJECT:

Proposed - Residence

PROJECT LOCATION: 13212 GWYDIR HIGHWAY, **WARIALDA NSW 2402** 

JOB NO: B221

DRAWING TITLE:

Stump Setout & Subfloor Bracing

DRAWING NO: A.06

ISSUE:



Signatures
Owner(s):
Builder:
Date:

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FREE CALL: 1800 688 044
P: (07) 4661 8410 F: (07) 4661 8433
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	FLOOR FRAMING SCHEDUL	E STEEL (JOISTS)
MARK	TYPE	COMMENTS
SJ1	100x50x1.6 RHS	JOISTS @ 600 CTS
SJ2	100x50x1.6 RHS	JOISTS @ 450 CTS (VERANDAH)
SJ3	50x100x1.6 RHS	JOISTS @ 600 CTS (WET AREA)
	FLOOR FRAMING SCHEDULE	TIMBER (JOISTS)
TJ1	140 X 45MM MGP10	JOISTS @ 450 CTS (VERANDAH)

#### 17000 <sup>€</sup> 1000 <sub>1</sub> , 1000 <sup>£</sup> 3750 3750 3750 3750 g 6259 1800 - 75x75 SHS POSTS 140x45 MGP 1200 100 x 50 x 1.6mm SHS 310 UB 32 150×100×5 RHS 150×100×5 RHS 5750 4000 SJ 1 @ 600 CRS SHS 310 UB 32 100 x 50 x 1.6mm SHS $50 \times 1$ . 100 x 50 x 1.6mm SHS 310 UB 32 100 x 2700 4000 SJ 1 @ 600 CRS ng wall 5660 3680 310 UB 32 100 x 50 x 1.6mm SHS [[] 140x45 MGP - 75x75 SHS POSTS 3260 1800

Plan

Floor Framing

1:100

#### FLOOR SYSTEM NOTES:

Bearers and joists sized from AS1684.2

Steel Bearers & Joists sized by registered engineer

Diagonal distance from SOP 1 to SOP 3 = 19,774mm.

### FLOOR SYSTEM SYMBOLS

- denotes location of steel SHS stump set in concrete footing to engineers detail.
- Denotes dimension to centre line ¢
- Denotes dimension to outside face

ISSUE AMENDMENT DATE

A Issue for Construction 30.08.2019

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SCALE: 1:100@A3

CLIENT:

**TED & YVONNE MOFFAT** 

PROJECT:

Proposed - Residence

PROJECT LOCATION: 13212 GWYDIR HIGHWAY, **WARIALDA NSW 2402** 

JOB NO:

**B221** 

DRAWING TITLE: Floor Framing

DRAWING NO:

ISSUE:

A.07



Signatures Owner(s):... Builder: Date:..

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DAVID WESTERMAN

SCALE: 1:100@A3

CLIENT:

**TED & YVONNE MOFFAT** 

PROJECT:

Proposed - Residence

PROJECT LOCATION: 13212 GWYDIR HIGHWAY, **WARIALDA NSW 2402** 

JOB NO: B221

DRAWING TITLE: Service Penatration Plan

DRAWING NO:

ISSUE:

A.08



	Signatures
C	Owner(s):
В	Builder:
	)ate:
	J

Active Construction Group Pty Ltd Trading as Westbuilt Homes
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Postal: PO Box 663 Warwick QLD 4370

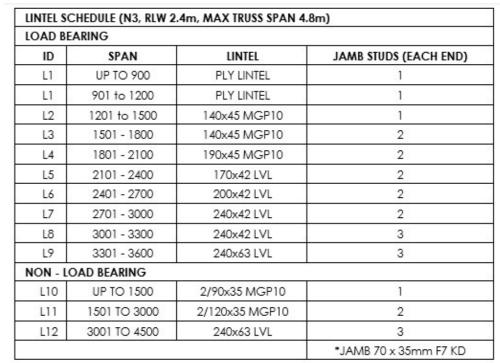
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Wind Bracing Calculations (Direction A) - Ground Level									
Brace ID		Angle From Primary Dir.		Bracing Description	Information Source	Height	Length	Brace Cap. (kN)	Dir. 'A' Res. (kN)
Zone 1			-						
PB1.2712	Α	0.00°	7	Plywood F27 4mm, No Nogging, Method A	AS1684.2 Table 8.18(h)	2700 mm	1200 mm	7.68	53.76
Zone 1:7									53.76
Grand tota	ıl: 7								53.76

Reauired	Resistance	Direction	(Dir	) 'A' : 41kN
			· · · ·	

W	<u>'inc</u>	d Bracii	ng	Calculations	(Direction B)	) - Gro	ound	Leve	
		Angle From						Brace Cap.	Dir. 'B' Res.
Brace ID	. Dir.	Primary Dir.	Qty	Bracing Description	Information Source	Height	Length	(kN)	(kN)
Zone 1									
PB1.2712	В	0.00°		Plywood F27 4mm, No Nogging, Method A	AS1684.2 Table 8.18(h)	2700 mm	1200 mm	7.68	61.44
Zone 1:8									61.44
Grand tota	l: 8								61.44

Required Resistance Direction (Dir) 'B': 27kN



BEAM SCHEDULE					
MARK	TYPE	COMMENTS			
B1	240x44 LGL	LIVING AREA BULKHEAD			
B2	140x45mm F7 KD BEAM	INTERNAL LINTELS			
В3	140x45mm F7 KD BEAM	VERANDAH BEAM			

RAFTER SCHEDULE		
MARK	TYPE	COMMENTS
R1	190x45mm F7 KD RAFTER	RAFTER @ 600 CTRS

OLUMN SCHEDULE		
MARK	TYPE	COMMENTS
C1	75x75x4mm STEEL COLUMN	
C2	90x90mm TIMBER POST	

FLOOR FRAMING SCHEDULE STEEL (JOISTS)					
MARK TYPE COMMENTS					
SJ1	100x50x1.6 RHS	JOISTS @ 600 CTS JOISTS @ 450 CTS (VERANDAH)			
SJ2	100x50x1.6 RHS				
SJ3 50x100x1.6 RHS		JOISTS @ 600 CTS (WET AREA)			
FLOOR FRAMING SCHEDULE TIMBER (JOISTS)					
TJ1 140 X 45MM MGP10 JOISTS @ 450 CTS (VERANDAH)					

### TO ENGINEERS DESIGN & DETAIL

- concrete footings

### **ENGINEER TO CONFIRM**

- confirm ceiling diaphram bracing
- confirm bracing & tiedown

	Signatures	;
Owner(s)		
Builder:		
Date:	•••••••	••••••

GENERAL	NOTES:

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CLIENT: **TED & YVONNE MOFFAT** 

PROJECT:

Proposed - Residence

PROJECT LOCATION: 13212 GWYDIR HIGHWAY, **WARIALDA NSW 2402** 

JOB NO: **B221** 

DRAWING TITLE:

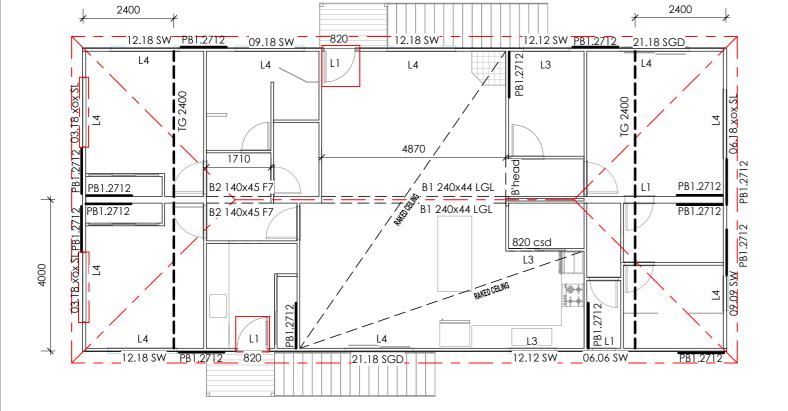
**Bracing & Tiedown Plan** 

DRAWING NO: ISSUE: A.09



Active Construction Group Pty Ltd Trading as

Westbuilt Homes **A.B.N:** 40 165 638 988 **A.C.N:** 165 638 988 License: QLD: 12 163 85 Postal: PO Box 663 Warwick QLD 4370 Head Office & Factory: 38-48 Project Street Warwick QLD 4370 FREE CALL: 1800 688 044 **P**: (07) 4661 8410 **F**: (07) 4661 8433 E: sales@westbuilt.net.au W: www.westbuilt.net.au



1:100

Plan

Level 1 Bracing &, Lintel



Bracing capacity values include all relevant height reduction factors.

NOTES:

- Sub floor bracing & calcs

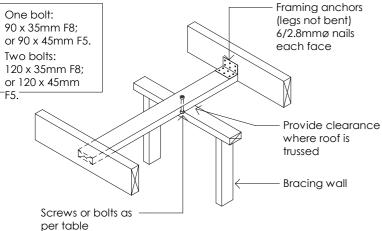
All internal bracing walls shall be fixed to the ceiling or roof frame and/or to the external wall frame in accordance with Clause 8.3.6.9 and selected methods in Table 8.22 of AS1684

connection at 1200 max ctrs

### Plywood Brace (PB1)

AS1684 - Table 8.18 (h) Bracing capacity 6.4kN/m (Method A)

## TRIMMER:



### Note:

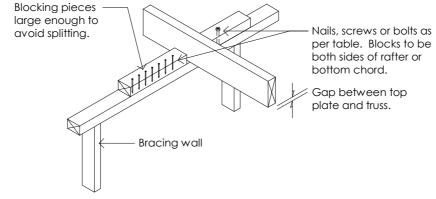
For trussed roofs, screws or bolts through the top plate shall be placed in holes that permit free vertical movement of the trusses.

## Rafters, joists or trusses to bracing wall

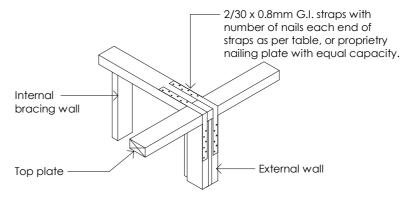
AS1684 - Table 8.22 (b)

# FRAME & TIE DOWN SCHEDULE - SHEET ROOF - N3 - RLW: 2100 - VERANDAH RLW: 900

MEMBER	SIZE	SPACING	SPAN	GRADE	TIE DOWN	& FIXING	
SUB-FLOOR							
BEARER	310 UB3		2800	5335			
FLOOR JOIST	100 X 50	X 1.6mm RHS	600	2800			
WALL MEMBERS							
COMMON STUD		70 X 35mm	40		2400	MGP10	OUDDODTING OATHEDDAL OFFILING
COMMON STUD- GABLE WALL ST		70 X 35mm 70 X 35mm	40 40		3350 3000	MGP10 MGP10	SUPPORTING CATHEDRAL CEILING
COMMON STUD-		70 X 35mm	60		3000	MGP10 MGP10	
BOTTOM PLATE		70 X 35mm	00	,,		MGP10	
TOP PLATE-NLB		70 X 35mm				MGP12	
BOTTOM PLATE-		70 X 35mm				MGP10	95 Hex Screw @ 600 CENTERS INT FLOOR JOIST
BOTTOM PLATE	-LB-CW	70 X 35mm				MGP10	0.11.1
TOP PLATE-LB		2/70 X 35mm				MGP10	
TOP PLATE-LB-0	CW	2/70 X 35mm				MGP10	PLY SHEATH - BOTH SIDES
JAMB STUDS-EX	ΧT						
0 - 900 OPENING		1/70 X 35mm			2400	MGP10	1 FULL LENGTH - 1/No 14 TYPE SCREW TO FRAME
900 -2800 OPENI		2/70 X 35mm			2400	MGP10	1 FULL LENGTH - 1 UNDER STUD - NAILED TO FRAME
2800 - 4500 OPE		3/70 X 35mm			2400	MGP10	2 FULL LENGTH - 1 UNDER STUD - NAILED TO FRAME
0 - 1400 OPENIN 1400 - 2500 OPE		2/70 X 35mm 3/70 X 35mm			3000 3000	MGP10 MGP10	
1400 - 2000 OFE	IN GDLE	3/10 \ 33111111			3000	WGF 10	
SILL TRIMMER 0 - 2400 OPENIN	C 4/70 V 2	Emm				MGP10	
0 - 2400 OPENIN	G I//U A 3	OIIIII				WGP 10	
LINTEL & ROOF		-			4070		DD (Inc.) (C.C.) CTD (D. F.O.) DIA NAME
0 - 1850 OPENIN 1850 - 3000 OPE		BEAM 70 X 45 PLATE 140 X 45mm H3 / 7	_	_	1850 3000	MGP10 MGP10	RB - 1/30 X 0.8GI STRAP - 5/2.8mm DIA. NAILS RB - 1/30 X 0.8GI STRAP - 5/2.8mm DIA. NAILS
1050 - 3000 OPE	INING	140 A 40IIIII	U A 45 PLAT	E	3000	WGP 10	RB - 1/30 X 0.0GI STRAP - 3/2.0IIIIII DIA. NAILS
ROOF BEAM	245 X 45	5mm			3980	LVL	1/M10 ROD AS PER DETAIL
CEILING JOIST	90 X 35r		60		2400	MGP10	TRUSS WITH CEILING BATTEN
RAFTER	140 X 4		60		4100	. F7	1/30X 0.8 GI 100PED STRAP 4/2.8mm DIA NAILS EACH END
ROOF BATTEN 0		STRAMIT ROOF B	—		600 CO	NT.	2/50mm No.14 YTPE 17 SCREWS WITH CYCLONE CAPS
VERANDAH JOIS			60		2400	MODAO	2/N-44 TVDE CODE/MC TO DOCT
VERANDAH POS VERANDAH PIT.		nm 190 X 45mm	24	100	2100 2400	MGP10 MGP10	2/No14 TYPE SCREWS TO POST 2/No14 TYPE SCREWS TO POST
VERANDAH PIT.		140 X 35mm	90	10	2450	MGP10 MGP10	2/No14 TYPE SCREWS TO POST 2/No14 TYPE SCREWS - 1/JOIST BRACKET
VERANDAH ROC		70 X 35mm	90		1200	MGP10	2/50mm No.14 YTPE 17 SCREWS
			•	-			



Rafters, joists or trusses to bracing wall AS1684 - Table 8.22 (j)



Rafters, joists or trusses to bracing wall AS1684 - Table 8.22 (k)

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PAM CARSBURG CHECKED BY:

## **DAVID WESTERMAN**

SCALE: As indicated @ A3

## CLIENT:

**TED & YVONNE MOFFAT** 

#### PROJECT:

Proposed - Residence

## PROJECT LOCATION:

13212 GWYDIR HIGHWAY, WARIALDA NSW 2402

## JOB NO: **B221**

## DRAWING TITLE:

**Typical Framing Details and** Schedules

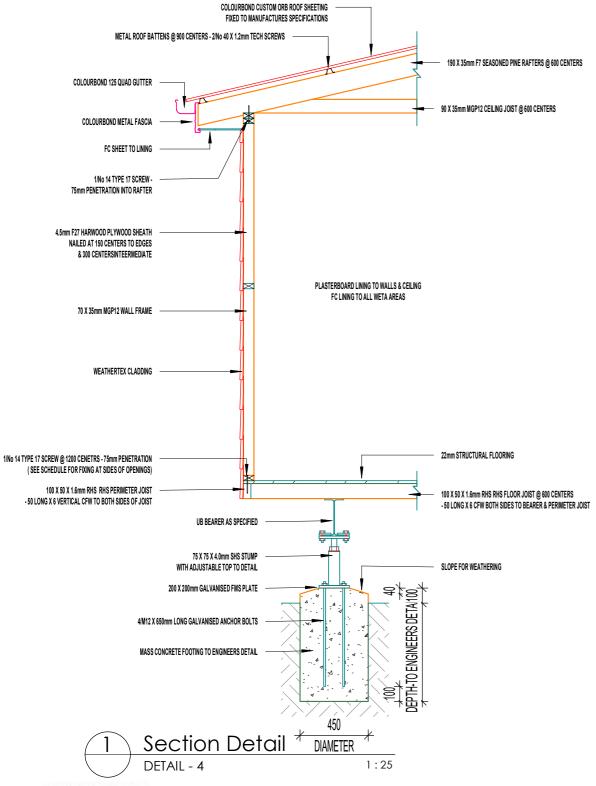
## DRAWING NO: A.10



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#### **BRACING NOTES**

## Bracing type used - type (h) method 'b' 6.00kn per lineal meter

- Minimum length of brace panel shall not be less than 900mm unless stated
- Plywood shall be fixed to frame in accordance to AS1684.2 using 30 x 2.8mm flathead galv. Nails mechanically driven or equivalent
- Fastener spacing top & bottom plate 150mm vertical edges 150mm intermediate studs 300mm

#### Structural bracing

- For wall heights greater than 2700mm the bracing capacity of bracing walls is reduced & must be recalculated using the values in table 8.1.9 of A\$1684.3
- Bracing shall initially be placed in external walls & where possible at the corners of the building remaining bracing shall be evenly distributed throughout the building
- Bracing shall not be placed on external walls under the eaves unless suitable connections to the main ceiling diaphragms are provided
- The maximum distance between braced walls at right angles to the building length/width shall not exceed 9000mm for the wind classification N2 for wind classification greater than N2 spacing shall be in accordance with table 8.20 & 8.21 in AS1684.2 & 1684.3

## WALL FRAME SCHEDULE - GROUND FLOOR

## External walls - 2700mm high max.

- All timber to be a min stress grade of MGP10 unless stated otherwise
- · Joint group JD4 unless otherwise noted
- Bottom plate 1/70 x 35mm MGP10
- Top plate 1/70 x 35mm MGP10
- Loaded stud wall 1/70 x 35mm MGP10 @ 450 centers

## Internal walls - 2700mm high max.

- All timber to be a min stress grade of MGP10
- Joint group jd4 unless otherwise noted
- Bottom plate 1/70 x 35mm MGP10
- Top plate 1/70 x 35mm MGP10
- Stud wall 1/70 x 35mm MGP10 @ 600 centers

#### Tie down schedule

 All internal bracing walls shall be fixed to the floor ceiling and/or external wall frame with structural or equivalent shear capacity to the bracing capacity of that bracing wall

### Roof trusses & roof bracing

To be designed by roof truss manufacture and to comply with AS1684.2, AS1720 & AS4440

### Roof trusses & roof bracing

To be designed by roof truss manufacture and to comply with AS1684.2, AS1720 & AS4440

## Temporary wall brace

- The builder is to ensure that the building is adequately braced during construction
- Temporary bracing shall be equivalent to at least 60% of the permanent bracing requirements
- Temporary bracing may form part of the installed permanent bracing
- Specific fixings to all timber members in accordance with relevant standards as 1684.2 AS 1684.3
- 1/M12 cyclone rod from top plate to slab and/or floor bearer to each side of external openings & at 1800 centers.
- Joint group JD4, roof load width RLW 2050, upload width ULW 4400 max

## Battens / trusses

Straps as per manufactures instructions

### Rafter to top plate

1/125 No.14 Screw

#### Wall plates to studs - central walls

Ply Sheath

#### Wall plates to studs - outside walls

4.5mm ply from top plate to bottom plate using 30 x 2.8mm dia. Nails to all external walls

## Noggings to studs

2/75 x 3.05mm dia. Nails skewed or through plate

## Lintel to jamb stud

2/75 x 3.05mm dia. Nails at each joint

## Bottom plate to floor joist

1/no14 type 17 screws @ 600mm centers

### Verandah post to bearer

2/75mm bugle head gal screws

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Builder:	
Date:	

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**TED & YVONNE MOFFAT** 

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Proposed - Residence

PROJECT LOCATION: 13212 GWYDIR HIGHWAY,

**WARIALDA NSW 2402** 

ЈОВ NO: **B221** 

DRAWING TITLE:

Typical Framing Details and Schedules

DRAWING NO:

ISSUE:



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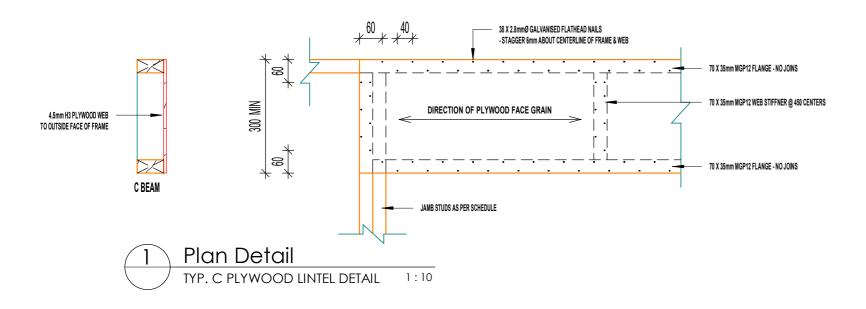
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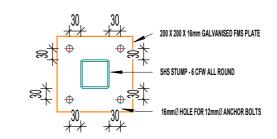
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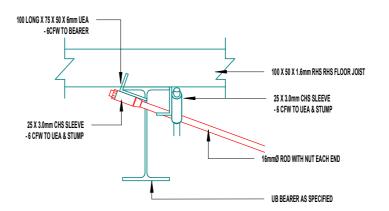
600

1/No 12 TECK SCREW

1:10



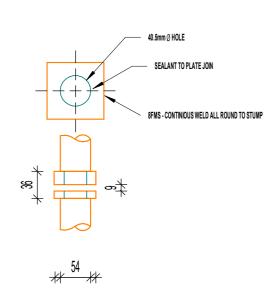






Builder:

Date:.



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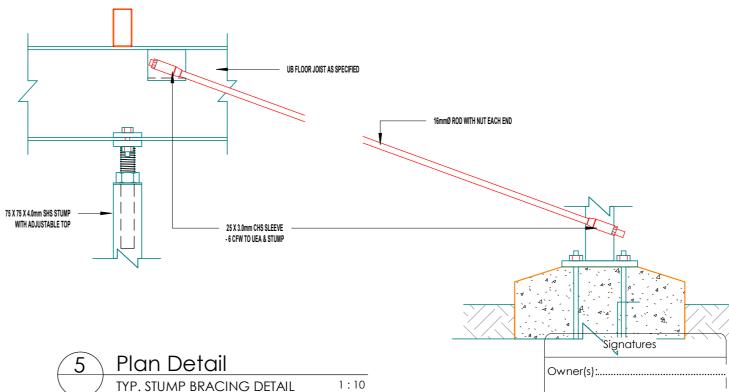
22

100 X 50 X 1.6mm RHS RHS PERIMETER JOIST

Plan Detail

TYP. DOUBLE JOIST DETAIL





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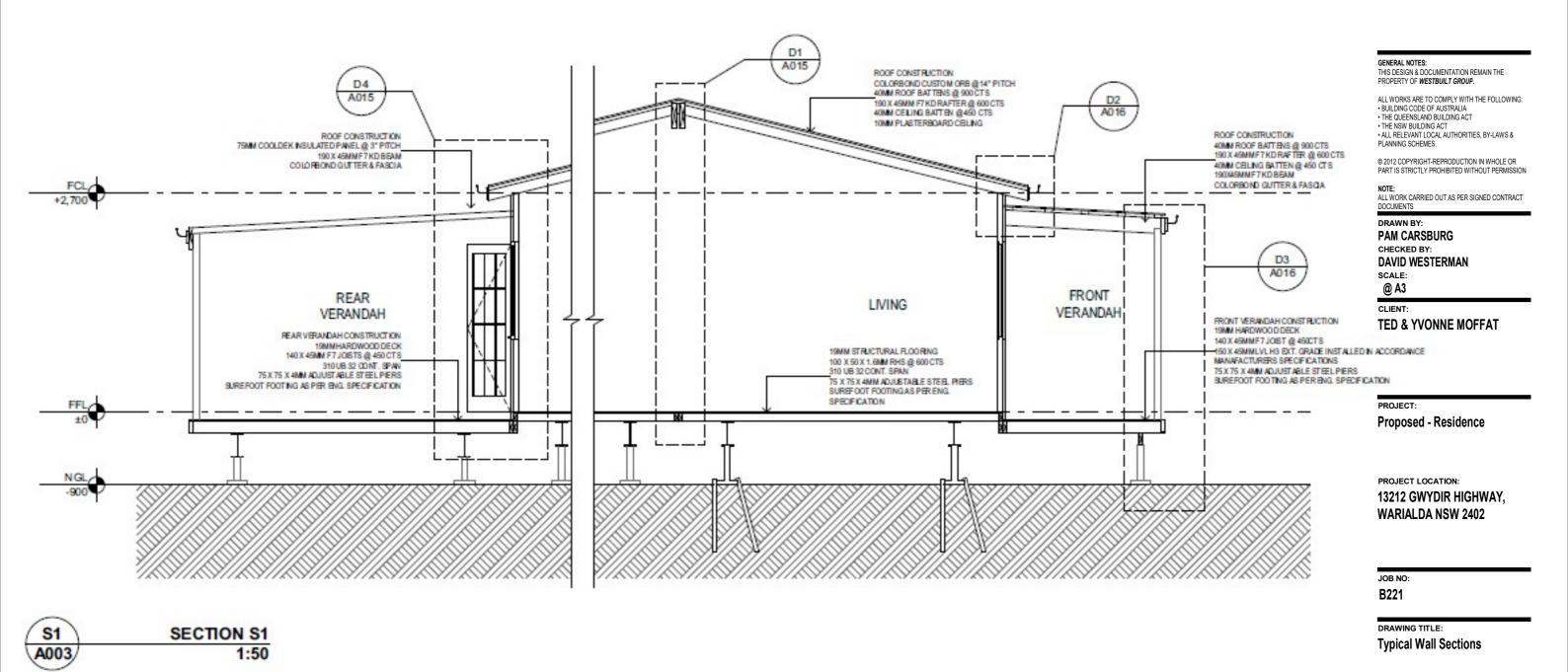


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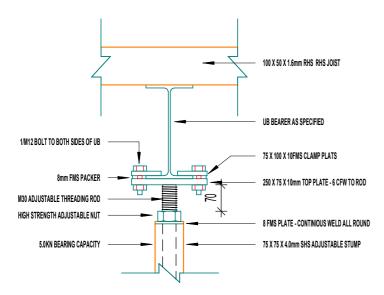
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Builder: .....

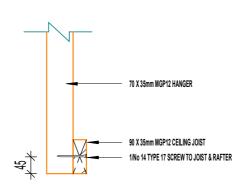
Date: .....

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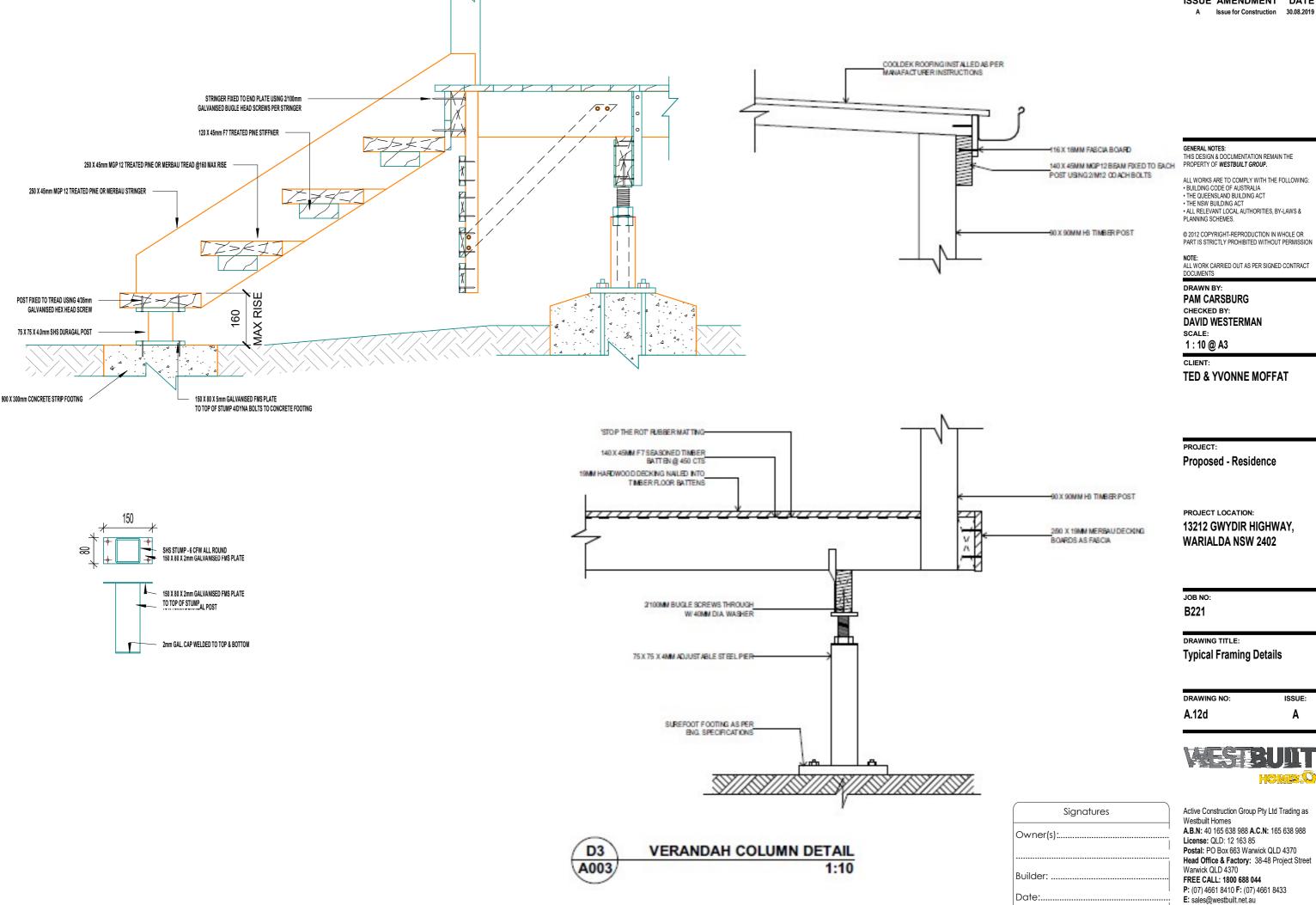


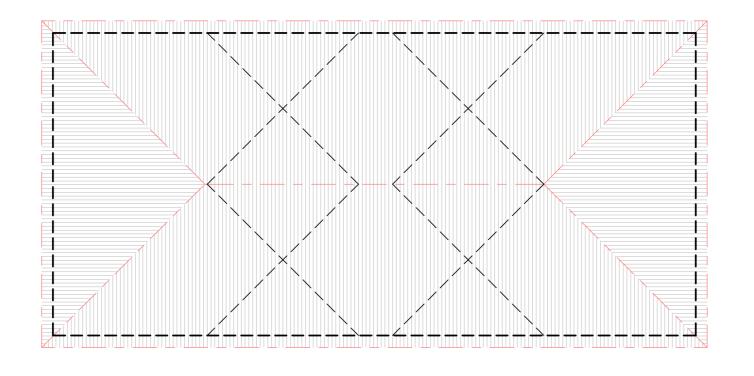
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1:100

Plan

Roof Bracing

ROOF BRACE 30 X 0.8mm GI STRAP - LOOP ENDS 4/2.8mm DIA NAILS EACH END FIXED TO BOTTOM CHORD OF ROOF TRUSSES - FURTHER ROOF BRACING REFER TO TRUSS MANUFACTURER

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JOB NO: B221

DRAWING TITLE:

**Roof Bracing Plan** 

DRAWING NO: A.13

ISSUE:



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dp 4			
	14.0%	14.00	
	14.0°	\ \	
dp 10		ALL RAIN	STORMWATER TO TANKS NWATER TANKS UNDER HOUSE

1:100

Plan

**Roof Drainage** 

#### Roof Drainage Schedule (w/ Rainwater Tank Nomination) Nominated Downpipes Downpipe Nominated Area 37.8 m<sup>2</sup> 37.76 m<sup>2</sup> dp 1 Yes 38.1 m<sup>2</sup> 38.10 m<sup>2</sup> dp 2 Yes dp3 38.3 m<sup>2</sup> Yes 38.26 m<sup>2</sup> dp 4 37.9 m<sup>2</sup> Yes 37.91 m<sup>2</sup> 152.03 m<sup>2</sup> Total 152.0 m<sup>2</sup>

### **NOTES**

All work to conform with Part MP 4.2 of the Queensland Development Code (QDC) (Water Saving Targets).

Roof stormwater is to discharge to local government requirements and approval. Downpipes not connected to rainwater tank/s, and rainwater tank/s overflow are to discharge to nominated discharge points via bubbler.

Downpipes connected to rainwater tanks via underground surface drain to be fitted with vermin proof rainwater heads.

#### **ALL ROOF STORMWATER TO TANKS**

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PROJECT:

Proposed - Residence

PROJECT LOCATION: 13212 GWYDIR HIGHWAY, **WARIALDA NSW 2402** 

JOB NO: **B221** 

DRAWING TITLE: Roof Drainage Plan

DRAWING NO:

ISSUE:

A.14



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