



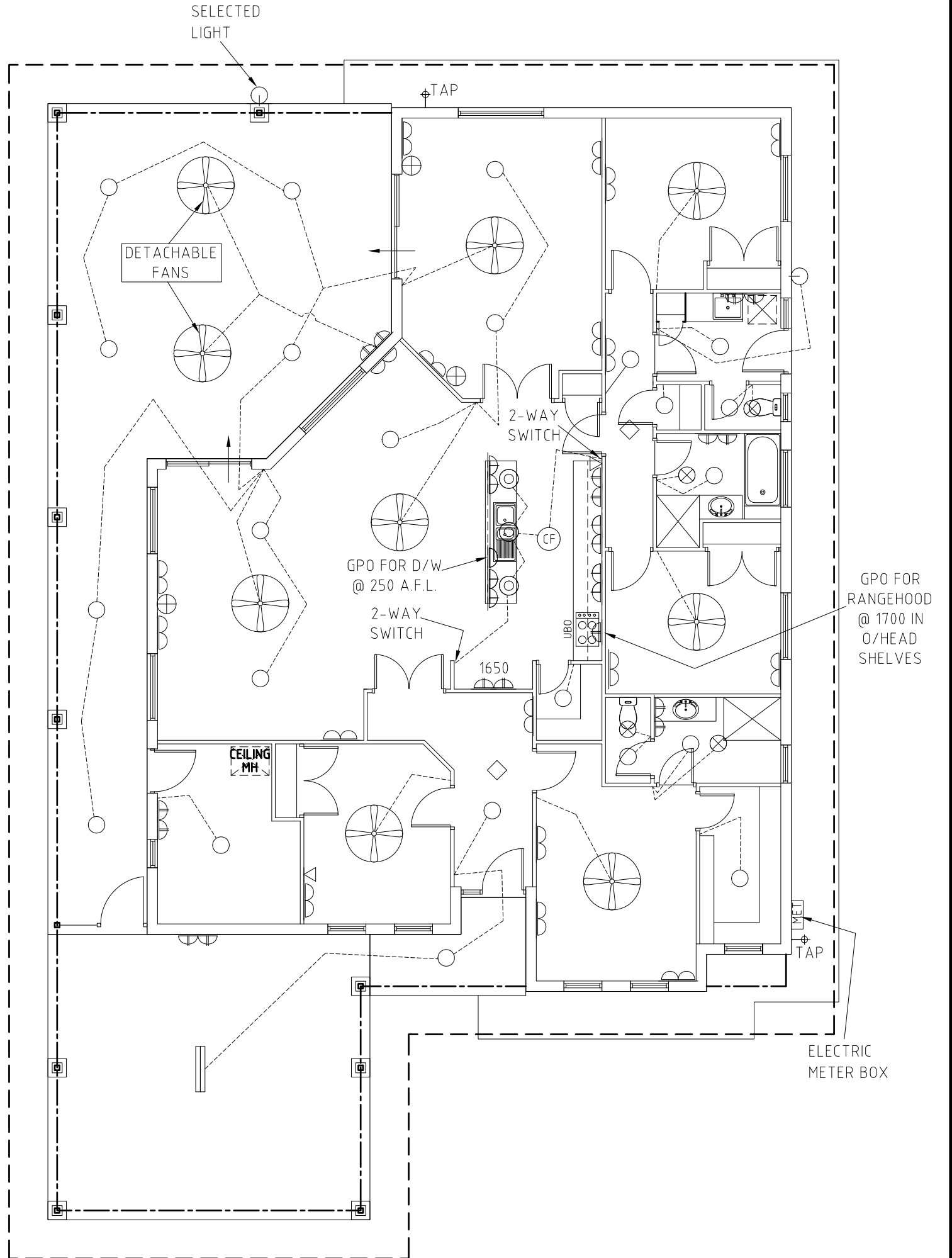


# ELECTRICAL LEGEND

○	CEILING LIGHT
⊕	WALL LIGHT @ 21c AFL
⊙	DOWN LIGHT
—	SINGLE FLURO
▬▬	DOUBLE FLURO
⊕	CIRCULAR FLURO
◀▶	WALL MOUNTED SPOTLIGHT
⌒	GPO @ 250 ABOVE FL
⌒	DOUBLE GPO @ 250 AFL
⌒	GPO @ 1000 ABOVE FL
⌒	DOUBLE GPO @ 1000 AFL
⌒	GPO @ 1350 ABOVE FL
⌒	DOUBLE GPO @ 1350 AFL
⌒	WATERPROOF GPO @ 1350
⊗	EXHAUST FAN-FLUMED
◇	SMOKE DETECTOR - HARD WIRED
⊕	TV AERIAL POINT
⊕	PHONE POINT
⊕	CEILING FAN WITH LIGHT FITTING
NOTE: NUMBER NEXT TO GPO DENOTES HEIGHT ABOVE FL	
ALL DIMENSIONS ARE TO CTS	

# ELECTRICAL NOTE:

CONTRACTOR SHALL VERIFY EXISTING LAYOUTS PRIOR TO COMMENCEMENT. LOCATION OF FITTINGS DIAGRAMMATIC ONLY AND SHALL BE SET OUT ACCURATELY ON SITE AS REQUIRED.



# ELECTRICAL PLAN

1:100

**AIR CONDITIONER NOTE:**  
ELECTRICAL CONTRACTOR TO LIAISE WITH THE AIR CONDITIONER CONTRACTOR FOR THE INSTALLATION OF ALL ELECTRICAL FITTINGS REQUIRED FOR THE INSTALLATION OF THE WALL MOUNTED SPLIT AIRCONDITIONING SYSTEM.  
CONDENSING UNITS MOUNTED ONTO THE CONCRETE PATH.

**OVEN & HOTPLATE NOTE:**  
ELECTRIC HOTPLATE & OVEN. ALLOW FOR ADDITIONAL ELECTRICAL CONNECTIONS AS REQUIRED.

**HOT WATER UNIT NOTE:**  
INSTALL SELECTED SOLAR HOT WATER SYSTEM WITH ELECTRIC BOOSTER.

REV	BY	DATE	DESCRIPTION	CKD	APP
3	P.K	22/01/09	UPDATE CONSTRUCTION FROM ENGINEERING DRAWINGS. REMOVE		
			GABLE. RE-ISSUE FOR SHIRE APPROVAL	L.R	
2	P.K	28/10/08	RE-ISSUE FOR ENGINEERING AND ENERGY EFFICIENCY	L.R	
1	P.K	21/10/08	CHANGE WALL CONSTRUCTION FROM BRICK VENEER TO FORMCRAFT CONCRETE FILLED BLOCK CONSTRUCTION.	L.R	
0	P.K	21/05/08	ISSUED FOR SHIRE APPROVAL	L.R	

DESIGN	—	—
DRAWN	P.K	28/11/07
CHECKED	L.R	28/11/07
ENGINEER		
ISSUED		
CONTRACTOR TO CHECK ALL DIMENSIONS PRIOR TO COMMENCEMENT DIMENSIONS TO GOVERN SCALE		

**L.E. ROBERTS DRAFTING & DESIGN**  
CIVIL/STRUCTURAL ARCHITECTURAL

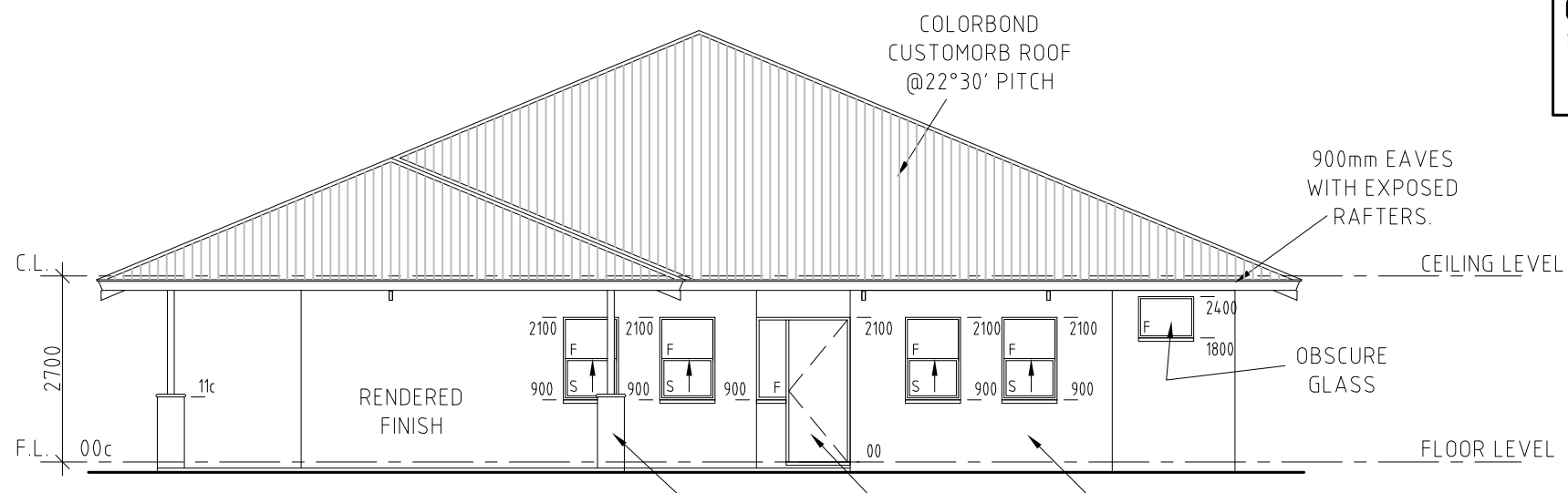
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**TJR BUILDING  
PROPOSED RESIDENCE  
LOT 375 KOOLINDA PDE, KARRATHA  
ELECTRICAL PLAN**

SCALE: **1:100 (A3)**

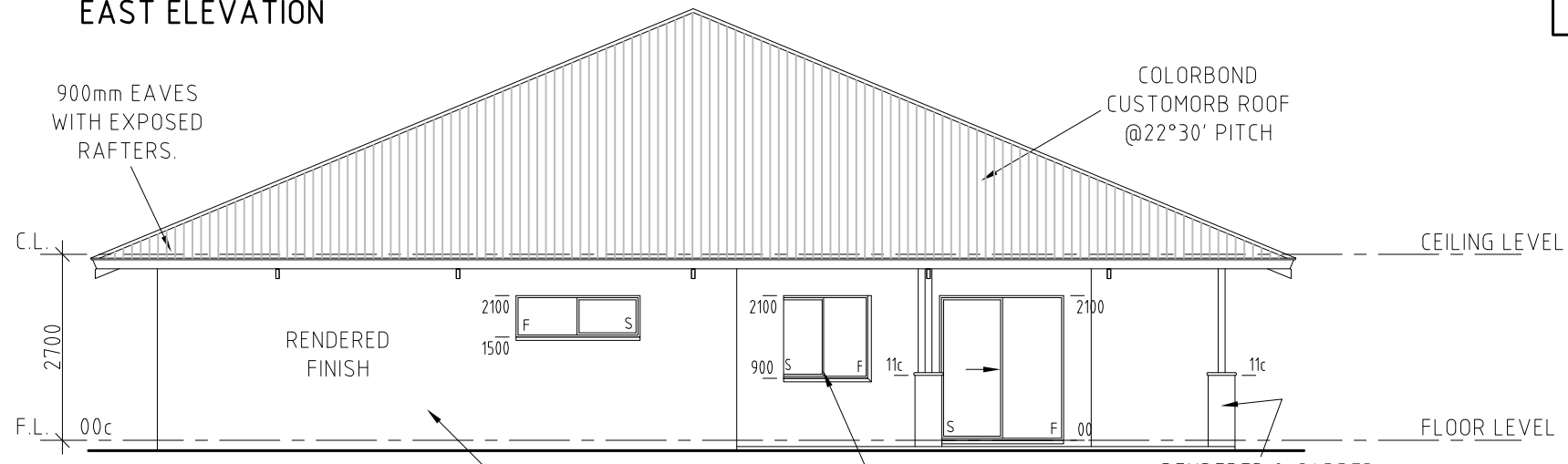
DRAWING No	REV
<b>544-06-03</b>	<b>3</b>
SHEET	3 OF 6

**CONSTRUCTION NOTE:**  
SEE DWG NOTES & ENGINEERS  
STRUCTURAL DWGS FOR ALL  
CONSTRUCTION DETAILS.



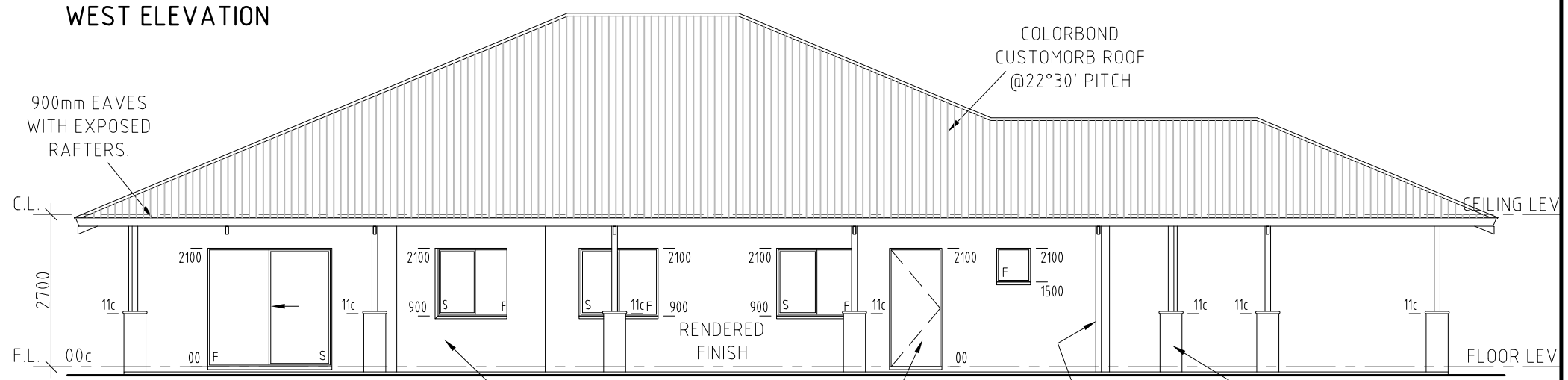
**ELEVATION 1**  
1:100  
**EAST ELEVATION**

**WINDOW SILL NOTE:**  
TAPERED EDGE SILL TO ALL  
WINDOW FRAMES. TYPICAL

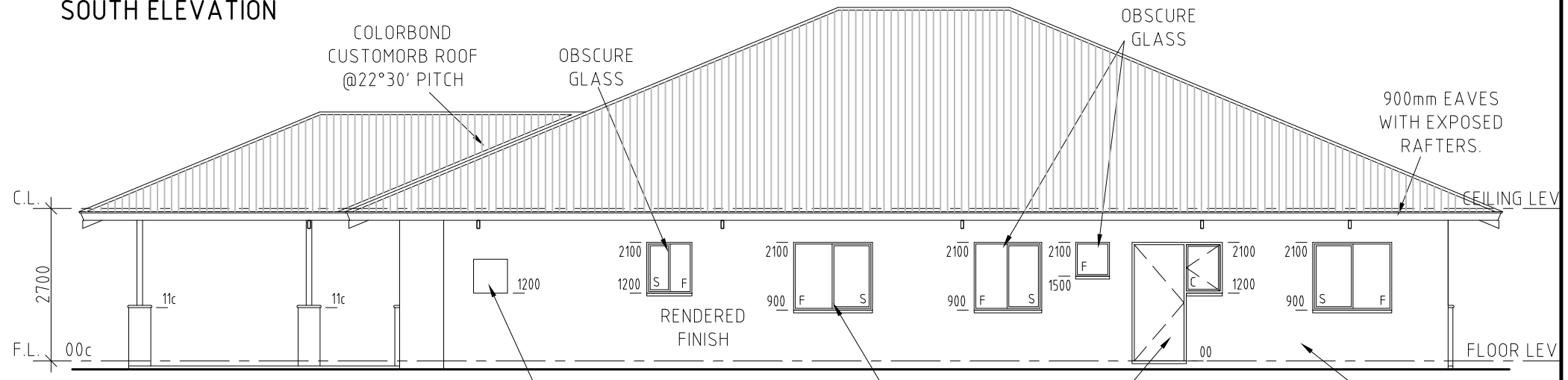


**ELEVATION 2**  
1:100  
**WEST ELEVATION**

**EAVES NOTE:**  
ALL 900mm EAVES WITH  
EXPOSED RAFTERS.



**ELEVATION 3**  
1:100  
**SOUTH ELEVATION**



**ELEVATION 4**  
1:100  
**NORTH ELEVATION**

REV	BY	DATE	DESCRIPTION	CKD	APP
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2	P.K	28/10/08	RE-ISSUE FOR ENGINEERING AND ENERGY EFFICIENCY	L.R	
1	P.K	21/10/08	CHANGE WALL CONSTRUCTION FROM BRICK VENEER TO FORMCRAFT CONCRETE FILLED BLOCK CONSTRUCTION.	L.R	
0	P.K	21/05/08	ISSUED FOR SHIRE APPROVAL	L.R	

DESIGN	-	
DRAWN	P.K	28/11/07
CHECKED	L.R	28/11/07
ENGINEER		
ISSUED		

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**TJR BUILDING  
PROPOSED RESIDENCE  
LOT 375 KOOLINDA PDE, KARRATHA  
ELEVATIONS**

SCALE: **1:100 (A3)**

DRAWING No: **544-06-04** REV: **3**

SHEET 4 OF 6

**INSULATION NOTE:**  
R3.5 TO CEILING WITH AIRCELL INSULBREAK 65, OR SIMILAR, THERMAL BREAK UNDER ROOF SHEETING.

**EAVES NOTE:**  
ALL 900mm EAVES WITH EXPOSED RAFTERS.

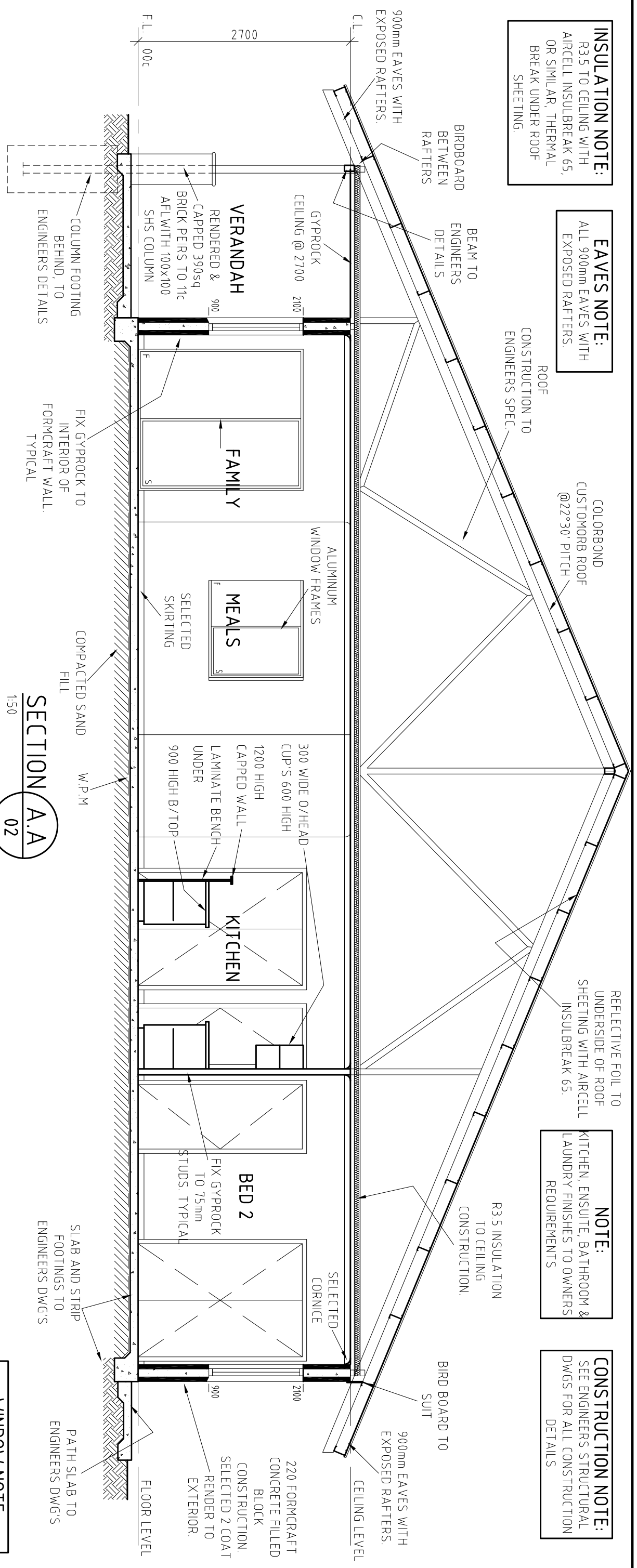
ROOF CONSTRUCTION TO ENGINEERS SPEC.

COLORBOND CUSTOMORB ROOF @22°30' PITCH

REFLECTIVE FOIL TO UNDERSIDE OF ROOF SHEETING WITH AIRCELL INSULBREAK 65.

**NOTE:**  
KITCHEN, ENSUITE, BATHROOM & LAUNDRY FINISHES TO OWNERS REQUIREMENTS

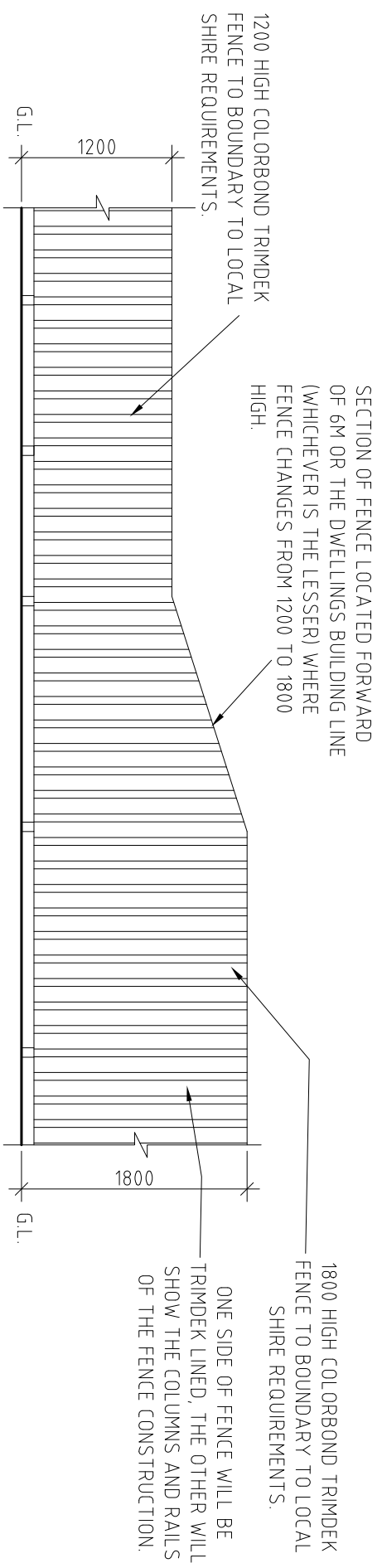
**CONSTRUCTION NOTE:**  
SEE ENGINEERS STRUCTURAL DWGS FOR ALL CONSTRUCTION DETAILS.



**DOOR FRAME NOTE:**  
ALL DOORS TO HAVE A TYPICAL 100mm NIB WALL TO HINGE SIDE OF DOOR JAMB WHERE LOCATED ADJACENT TO PERPENDICULAR WALLS, WHERE POSSIBLE.

**WINDOW SILL NOTE:**  
TAPERED EDGE SILL TO ALL WINDOW FRAMES. TYPICAL

**SECTION A.A**  
02  
1:50



**WINDOW NOTE:**  
ALL WINDOWS TO BE DESIGNED & MANUFACTURED TO AS 2047 & AS 1170.2

**TYPICAL SIDE BOUNDARY FENCE**  
1:50

REV	BY	DATE	DESCRIPTION	CKD	APP
0	P.K.	21/05/08	ISSUED FOR SHIRE APPROVAL	LR	
1	P.K.	21/10/08	FORMCRAFT CONCRETE FILLED BLOCK CONSTRUCTION.	LR	
2	P.K.	28/10/08	CHANGE WALL CONSTRUCTION FROM BRICK VENER TO FORMCRAFT CONCRETE FILLED BLOCK CONSTRUCTION.	LR	
3	P.K.	22/01/09	UPDATE CONSTRUCTION FROM ENGINEERING DRAWINGS. REMOVE GABLE. RE-ISSUE FOR SHIRE APPROVAL	LR	

**L.E. ROBERTS DRAFTING & DESIGN**  
CIVIL/STRUCTURAL ARCHITECTURAL

**TJR BUILDING PROPOSED RESIDENCE**  
LOT 375 KOOLINDA PDE, KARRATHA  
SECTION A.A & BOUNDARY FENCE

SCALE: 1:50 (A3)  
DRAWING No: 544-06-05  
SHEET 5 OF 6

# REFERENCE DRAWINGS

READ ARCHITECTURAL DRAWINGS IN ACCORDANCE WITH ASSOCIATED STRUCTURAL DRAWINGS AND DOCUMENTATION.

EXTERIOR FINISHES			
AREA	MATERIAL		COLOR
WALLS	BRICKWORK	-	
ROOF SHEETING	COLORBOND CUSTOMORB	-	
FENCING	COLORBOND TRIMDEK	-	

MANUFACTURERS WATER RATING			
LOCATION	TAPS		RATING
KITCHEN SINK	MENTELLE TAPS		5 STAR
BATHROOM VANITY	MENTELLE TAPS		5 STAR
BATHROOM BATH	MENTELLE TAPS		5 STAR
BATHROOM SHOWER	MENTELLE SHR ROSE		3 STAR
ENSUITE VANITY	MENTELLE TAPS		5 STAR
ENSUITE SHOWER	MENTELLE SHR ROSE		3 STAR
ENSUITE TOILET	CAROMA SOVEREIGN 2000		4 STAR
TOILET	CAROMA SOVEREIGN 2000		4 STAR
LAUNDRY TROUGH	MENTELLE TAPS		5 STAR

## NOTES

### 1. GENERAL

1.1 CONTRACTOR TO VERIFY ALL DIMENSIONS ON SITE PRIOR TO COMMENCEMENT OF WORKS, ORDERING OF MATERIALS, OR PREPARING SHOP DRAWINGS.

1.2 WORKMANSHIP, MATERIALS AND WORK PRACTICES MUST BE EXECUTED IN ACCORDANCE WITH THE FOLLOWING:

- BUILDING CODE OF AUSTRALIA.
- TRADE SPECIFIC REGULATORY CODES, REGULATIONS, STATUTES AND BY-LAWS.
- MANUFACTURERS INSTALLATION SPECIFICATIONS, RECOMMENDATIONS AND GUIDELINES.

1.3 ALL NEW WORK SHALL BE CARRIED OUT BY EXPERIENCED AND COMPETENT TRADES PERSONS.

### 2. WINDOWS

2.1 ALUMINIUM WINDOWS SHALL BE DESIGNED, MANUFACTURED & INSTALLED IN ACCORDANCE WITH AS 2047 & AS 1170.2 USING AN ULTIMATE LIMIT STATE DESIGN WIND PRESSURE OF 4.8 Kpa.

2.2 GLAZING SHALL BE IN ACCORDANCE WITH AS 1288.

### 3. DOORS

3.1 ALL EXTERNAL TIMBER DOORS SHALL BE 38mm THICK SOLID CORE, HUNG ON 3 BUTT HINGES.

3.2 PROVIDE RAVEN WEATHER SEALS UNDER ALL EXTERNAL DOORS.

3.3 PROVIDE 2 8 DIA. BARREL BOLTS, IN ADDITION TO LOCKING DEVICE, 1 @ TOP & 1 @ BASE TO SECURE EXTERNAL DOORS IN A CYCLONIC SITUATION.

### 4. ROOF VENTILATION

4.1 NOT APPLICABLE.

### 5. WATER MANAGEMENT

5.1 INSTALL THE FOLLOWING MINIMUM:

- 4 STAR RATED TOILETS.
- 3 STAR RATED AERATED SHOWER ROSES.
- 4 STAR RATED TAP WARE AND FLOW REGULATORS.


### 6. HOT WATER UNIT

6.1 INSTALL SELECTED SOLAR HOT WATER SYSTEM WITH ELECTRIC BOOSTER.

### 7. INSULATION

7.1 INSTALL A COMBINATION OF INSULATION AND SISALATION TO ACHIEVE A MINIMUM TOTAL OF R4.0 TO ROOF STRUCTURE.

REVISIONS				
REV	BY	DATE	DESCRIPTION	CKD
0	P.K	21/05/08	ISSUED FOR SHIRE APPROVAL	LR
1	P.K	21/10/08	FORGICRAFT CONCRETE FILLED BLOCK CONSTRUCTION.	LR
2	P.K	28/10/08	RE-ISSUE FOR ENGINEERING AND ENERGY EFFICIENCY CHANGE WALL CONSTRUCTION FROM BRICK VENEER TO	LR
3	P.K	22/10/09	UPDATE CONSTRUCTION FROM ENGINEERING DRAWINGS. REMOVE GABLE. RE-ISSUE FOR SHIRE APPROVAL	LR

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	SCALE <b>1:100 (A3)</b>
TJR BUILDING PROPOSED RESIDENCE LOT 375 KOOLINDA PDE, KARRATHA NOTES	DRAWING No <b>544-06-06</b>
	REV <b>3</b>
	SHEET 6 OF 6