

**FLOOR/DECK STRUCTURE LAYOUT PALM**

SCALE 1:100

**NOTE:**

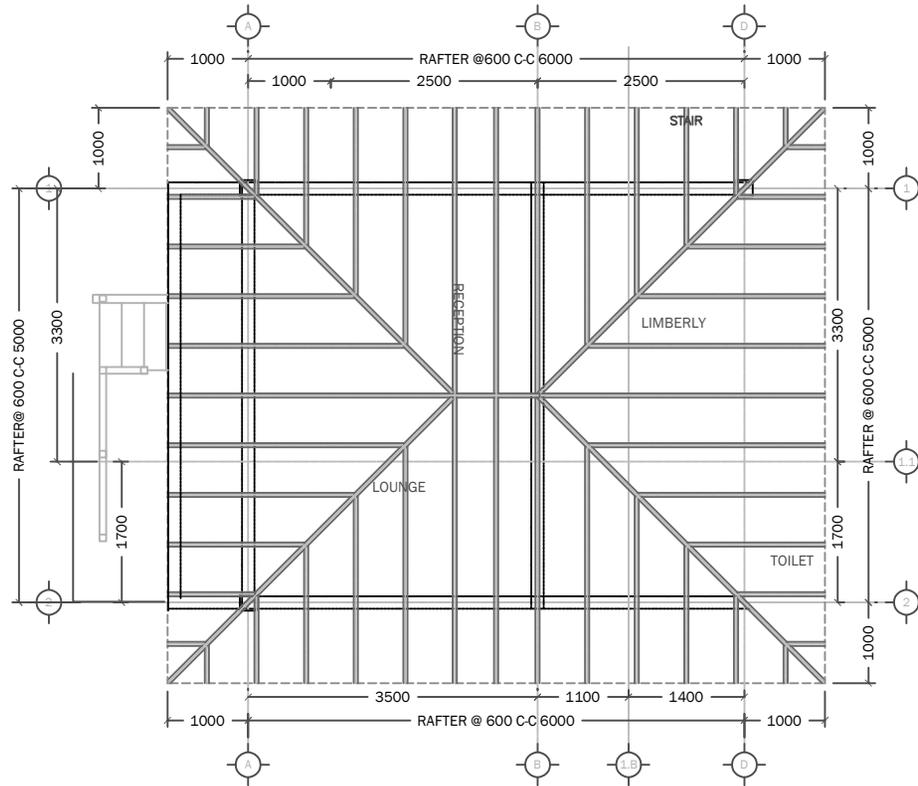
- 35X200 FACIA FIXED ON SIDES OF DECK TRIMMERS & EDGINGS
- 50X100 JOISTS OTHER THAN FLOOR SPLIT LINE SHOWN WITH HATCH
- TOP OF ALL TRIMMER/EDGING ON FLOOR JOISTS ARE LEVEL WITH TOP OF PLATES FIXED ON FLOOR JOISTS
- 50X150 HW NOGGINGS INBETWEEN JOISTS EXCEPT WHERE STATED AND SHOWN ON DRAWING

- ALL CONNECTION BOLTS, FASTENINGS AND BRACKETS SHOULD BE IN HOT DIP GALVANIZED IRON
- ALL SCREWS MUST BE IN HOT DIP GALVANIZED OR STAINLESS STEEL AND ALL NAILS SHOULD BE IN DIP GALVANISED STEEL
- ALL CONNECTION AND FIXING DETAIL SHOP DRAWINGS MUST BE PRODUCED BY THE CONTRACTOR AND APPROVED BY THE CONSULTANT BEFORE FABRICATION

**FLOOR/DECK STRUCTURE LAYOUT PALM**

LEGEND

NO.	NOTES	DATE	APRV
REVISION			
OWNER			
PROJECT			
KENDOO ISLAND			
DESIGN USENCE			
WELCOME PAVILION			
KENDOO			
ARCHITECT			
SHEET TITLE			
FLOOR/DECK STRUCTURE LAYOUT PLAN			
DRAWN BY	CHECKED BY	APPROVED BY	
SCALE	DATE	CODE	
1:100			
FILE NAME	SHEET NUMBER S02		



**STRUCTURAL TIMBER SPECIFICATION**

SCALE 1:100

**GENERAL NOTES:**

ROOF SLOPE IS 35 DEGREES TO THE HORIZONTAL  
 RAFTERS ARE 50X150 @ 845 CC ACCEPT WHERE STATE  
 EAVE FACIA IS 25X150 FIXED TO RAFTER ENDS  
 BATTENS ARE 35X35 @ 280 CC ON TOP OF RAFTERS  
 WALL PLATE IS 100X100, BOLTED ON TOP  
 OF ALL DRYWALLS @ 900 CC  
 ALL CONNECTION BOLTS, FASTENINGS AND BRACKETS  
 SHOULD BE IN DIP GALVANIZED  
 AND ALL NAILS SHOULD BE IN DIP GALVANISED STEEL  
 ALL CONNECTION AND FIXING DETAIL SHOP DRAWINGS  
 MUST BE PRODUCED BY THE CONTRACTOR AND  
 APPROVED BY THE CONSULTANT BEFORE FABRICATION

1. ALL TIMBER FOR STRUCTURAL USE SHALL BE HARDWOOD OF VISUAL GRADE 'HS' IN ACCORDANCE WITH BS 5756 WITH THE FOLLOWING MIN. GRADE STRESSES:
  - i) Bending Parallel to grain 13.7N/mm<sup>2</sup>
  - ii) Tension parallel to grain 8.2 N/mm<sup>2</sup>
  - ii) Compression
    - Parallel to grain 13.4 N/mm<sup>2</sup>
    - Perpendicular to gain 3.1 N/mm<sup>2</sup>
  - iv) Modulus of Elasticity 8000 N/mm<sup>2</sup>

2. MOISTURE CONTENT
  - thickness less than 50mm 19% or less
  - thickness more than 50mm 22% or less
3. CONNECTIONS
  - plates - Dip galvanized of stated thickness
  - bolts - Dip galvanized
4. TIMBER TREATMENT
  - moisture - pressure impregnation of CCA
  - insects - termite treatment for timber in/near ground

**CONNECTIONS**

TYPE	DETAILS	NOS/SIZE/SPACING
WALL PLATE - RAFTERS	DIAGONAL NAILING (2 SIDES)	100MM L NAILS (2 NOS MIN)
RAFTERS - BATTENS	ROUND WIRE NAILS	75MM L NAILS (2 NOS MIN)
FASCIA - RAFTERS	ROUND WIRE NAILS	75MM L NAILS (2 NOS MIN)

**ROOF STRUCTURE PLAN**

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SHEET TITLE
ROOF STRUCTURE PLAN

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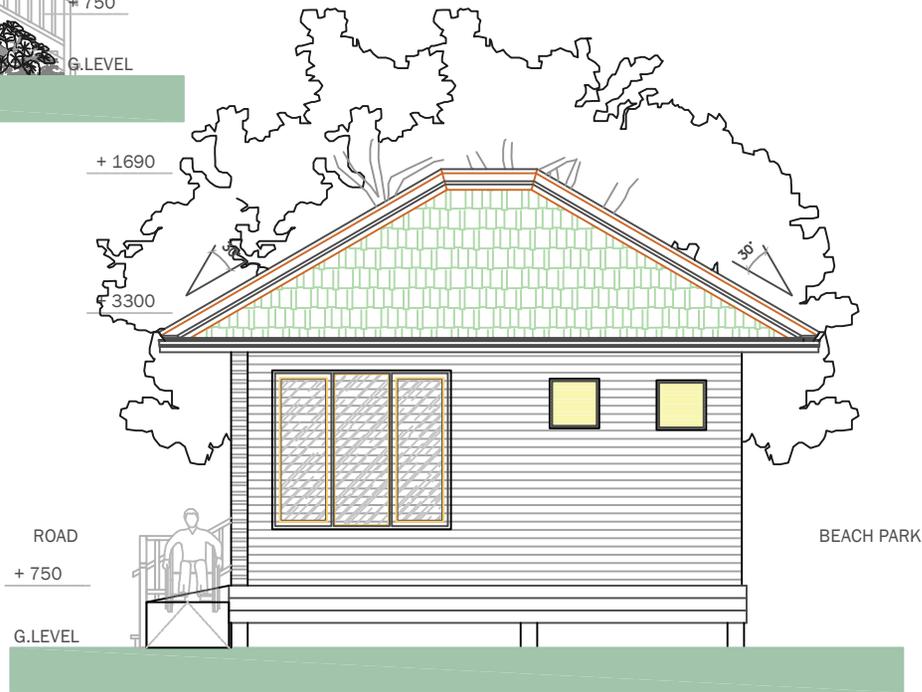
FILE NAME	SHEET NUMBER
	S03







**ELEVATION - X1**  
SCALE 1:100



**ELEVATION - Y**  
SCALE 1:100

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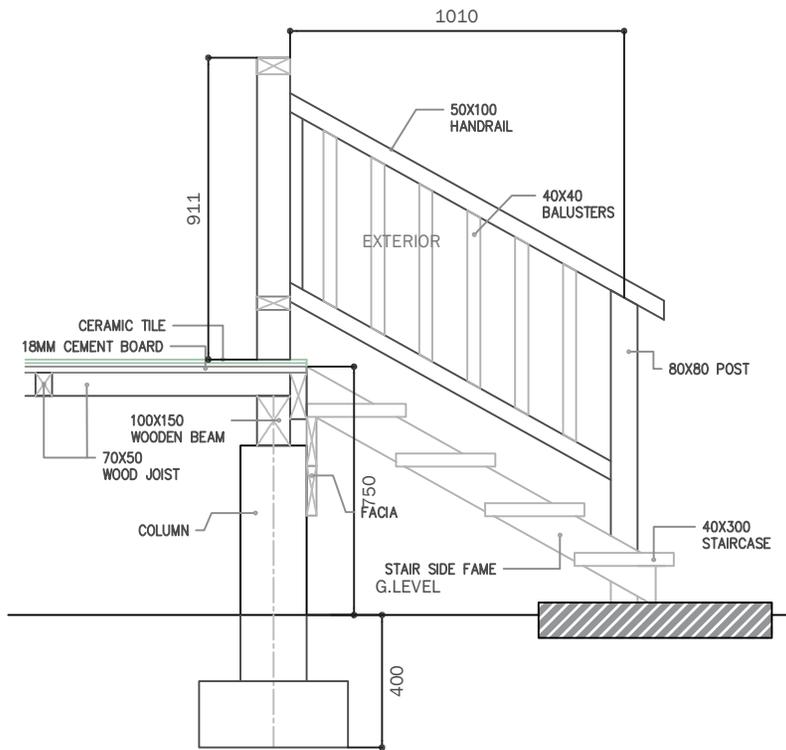
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ELEVATION

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SCALE      DATE      CODE

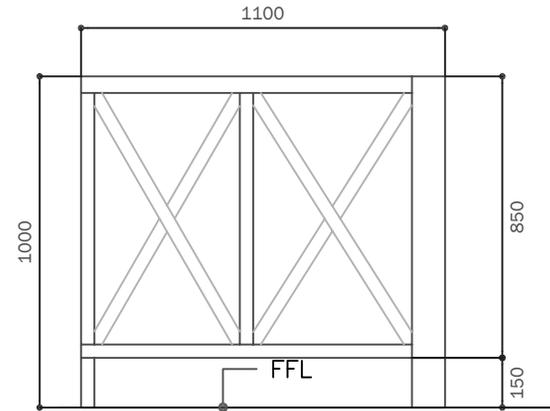
FILE NAME      SHEET NUMBER S05





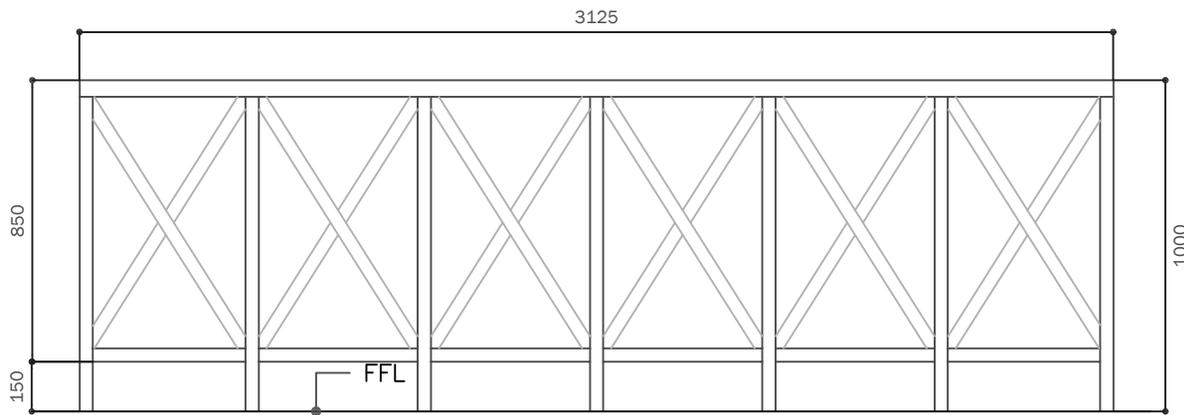
**STAIR AND HANDRAIL DETAIL**

SCALE 1:25



**RAILING**

SCALE 1:25



**RAILING**

SCALE 1:25

**STAIR AND HAND RAILING DETAIL**

LEGEND

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REVISION

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OWNER

PROJECT

KENDOO ISLAND

DESIGN USENCE

WELCOME PAVILION  
KENDOO

ARCHITECT

SHEET TITLE

STAIR DETAIL & RAILING DETAIL

DRAWN BY

CHECKED BY

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SCALE

1:50

1:25

DATE

CODE

FILE NAME

SHEET NUMBER S07

