

Locality Plan - Lot 11 DP 1017165

194 St Helena Road Mcleods Shoot

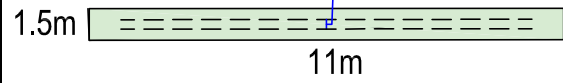


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OSSM # LAYOUT - Site 1 (Flushing WC)

1 x reed bed
2.5m x 3.6m x 0.925m

Min 3000L septic tank + Taylex TFR filter



Proposed Primitive Camping ground site connected to OSSM # 1 (Site 1) General location

Existing structures at proposed primitive camping sites 1-2 to be approved for tourist accommodation (general location)

Existing Primitive Camping ground site 2 connected to OSSM # 2

Proposed Primitive Camping ground sites connected to OSSM # 2 (Sites 2-8) General location

Existing access road

Proposed 100mm PVC DWV sewer pipe (gravity - general location)

Proposed min 3000L septic tank + Taylex TFR filter (general location)

Proposed upslope diversion bund

Proposed 2 x reed beds

OSSM # 2
Proposed LAA
3 x ETA Beds
1.2m x 17m x 0.45m

Proposed 600L pumpwell + dosing siphon (general location)

OSSM # 2 LAYOUT - Sites 2 - 8 (WCT)

2 x reed beds
2.5m x 3.6m x 0.925m

Min 3000L septic tank + Taylex TFR filter

600L pumpwell + dosing siphon

Upslope diversion bund

17m

3-way distribution box

1.2m



PRELIMINARY ONSITE SEWAGE MANAGEMENT

Lot 11 DP 1017165
194 St Helena Road, Mcleods Shoot

Base Drawing Source: Ardill Payne - Concept site plan HMC Ref: HMCDWG2020.074

Job No: 2020.074

Date: APRIL 2020

Revision Date:

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GLAMPING TENTS





SAFARI TENT

- High-end glamping villas
- Eco-resort luxury accommodation
- Eco-resort family accommodation
- Restaurant & receptions area
- Yoga & workshop spaces

The Safari Tent is Glamxperience's most popular product, which has developed into a series of tents with three optional sizes to choose from, available in layouts perfect for either luxurious couple getaways or family vacations. In our Safari Tents your guests can have the truly authentic experience of being immersed in nature, with all the modern day comforts and luxuries they deserve.



Safari Tent 25 option 1: Family	Price
Canvas Standard Safari Tent	\$14,995.00
Entrance made of mosquito net with zippers	\$850.00
Standard inner floor and veranda (max 400-500mm above the ground)	\$3,895.00
Interior package Family four-poster queen size bed with mosquito net and mattress • 2 bed side tables with canvas cover • loft bed with canvas cover and 2 single size mattresses • wardrobe with canvas cover • kitchen unit with sink, tap and refrigerator insert with canvas cover • dining table with 4 chairs • corner sofa with cushions • set of coffee tables Outdoor: 2 lounge chairs with cushions • coffee table	\$9,320.00
Installation	\$2,995.00
Price	\$32,055.00 ex. gst

Safari Tent 25 option 2: Luxury Hotel Room	Price
Canvas Standard Safari Tent	\$14,995.00
Entrance made of mosquito net with zippers	\$850.00
Standard inner floor and veranda (max 400-500mm above the ground)	\$3,895.00
Interior package Luxury Hotel Room four-poster queen size bed with mosquito net and mattress • bed side table with canvas cover • wardrobe with canvas cover • kitchen unit with sink, tap and refrigerator insert with canvas cover • dining table with 2 chairs Outdoor: corner sofa with cushions • set of coffee tables Bathroom: timber unit with sliding barn door • toilet • timber wash-stand with matte black basin and tap • shower base white and charcoal green colorbond, black shower tap	\$5,795.00
Installation	\$3,240.00
Price	\$34,000.00 ex. gst

* Prices subject to change without notice





Safari Tent 35 option 1: Bed Nook	Price
Canvas Standard Safari Tent	\$17,325.00
Entrance made of mosquito net with zippers	\$850.00
Standard inner floor and veranda (max 400-500mm above the ground)	\$4,695.00
Interior package Bed Nook wardrobe with canvas cover • four poster queen size bed with mosquito net and mattress • 2 bed side tables with canvas cover • bed nook with canvas cover and 2 single size mattresses • kitchen unit with sink, tap and refrigerator insert with canvas cover • dining table with 4 chairs • corner sofa with cushions • set of coffee tables Outdoor: 2 lounge chairs with cushions • coffee table Bathroom: timber unit with sliding barn door • toilet • timber wash-stand with matte black basin and tap • shower base white and charcoal green colorbond, black shower tap	\$9,200.00
Installation	\$4,320.00
Price	\$41,615.00 ex. gst

Safari Tent 35 option 2: Loft bed	Price
Canvas Standard Safari Tent	\$17,325.00
Entrance made of mosquito net with zippers	\$850.00
Standard inner floor and veranda (max 400-500mm above the ground)	\$4,695.00
Interior package Loft bed wardrobe with canvas cover • four poster queen size bed with mosquito net and mattress • 2 bed side tables with canvas cover • loft bed with canvas cover and 2 single size mattresses • kitchen unit with sink, tap and refrigerator insert with canvas cover • dining table with 4 chairs • corner sofa with cushions • set of coffee tables Outdoor: 2 lounge chairs with cushions • coffee table Bathroom: timber unit with sliding barn door • toilet • timber wash-stand with matte black basin and tap • shower base white and charcoal green colorbond, black shower tap	\$8,975.00
Installation	\$4,320.00
Price	\$41,390.00 ex. gst

* Prices subject to change without notice

Safari Tent 35 option 3: Wellness	Price
Canvas Standard Safari Tent	\$17,325.00
Entrance made of mosquito net with zippers	\$850.00
Standard inner floor and veranda (max 400-500mm above the ground)	\$4,695.00
Interior package Wellness wardrobe with canvas cover • four poster queen size bed with mosquito net and mattress • 2 bed side tables with canvas cover • kitchen unit with sink, tap and refrigerator insert with canvas cover • dining table with 4 chairs • corner sofa with cushions (sleeps 2 extra guests) • set of coffee tables Outdoor: hanging chair • footclaw bath with timber console and taps Bathroom: timber unit with sliding barn door • toilet • timber wash-stand with matte black basin and tap • shower base with grey slate tiles and charcoal green colorbond, black shower tap	\$8,695.00
Installation	\$4,320.00
Price	\$42,535.00 ex. gst

* Prices subject to change without notice

ISSUE	DESCRIPTION	BY	DATE
1	ISSUED FOR INFORMATION ONLY	LC	08 JUN 18

SAFARI TENT (FOR TC=2.0 SITE ONLY)

DRAWING LISTS

- C3480-S0 - NOTE SHEET & DRAWING LISTS
- C3480-S1 - FOOTING PLAN & DETAILS
- C3480-S2 - OPTION 1-DECK FRAMING PLAN & DETAILS
- C3480-S3 - OPTION 2-DECK FRAMING PLAN & DETAILS
- C3480-S4 - ROOF FRAMING PLAN & SECTIONAL VIEWS

**DESIGN WORKING LIFE
5 YEARS**

GENERAL NOTES

- G1 These drawings shall be read in conjunction with all Architectural and other consultant's drawings and specifications and such other written instruction as may be issued during the course of the Contract. The Contractor shall inspect the site and satisfy himself that the structure can be built as documented and all levels dimensions and grades are compatible with actual site conditions. Any discrepancies to be referred to the Architect or Engineer before commencing work.
- G2 Set out dimensions shall be obtained from the drawings or on site. These drawings shall not be scaled. All dimensions are in millimetres unless noted otherwise.
- G3 The approval of a substitution shall be sought from the Engineer but is not an authorisation for an extra. Any extra involved must be taken up with the Architect before work commences.
- G4 During construction the structure and adjacent properties shall be maintained in a stable condition at all times and no part overstressed. The Contractor shall allow for additional temporary props and bracing as necessary during construction until permanent bracing is effective and structural elements attain full strength, and provide supporting documentation as may be required by Authorities.
- G5 All work shall comply with current Building Code of Australia and current relevant Australian Standards
- G6 The structural work has been designed for wind and live loads in accordance with AS/NZS1170 and as nominated on this drawing.
- G7 Refer Architectural drawings for all waterproofing tanking and flashing requirements.

REINFORCEMENT

- R1 All reinforcing bars shall comply with AS/NZS 4671 Grade 500N
- R2 All square, rectangular mesh & trench shall comply with AS/NZS 4671 Grade 500N.
- R3 Reinforcement symbols
 N Grade D500N deformed bar
 R Grade R250N plain round bar
 SL Grade D500L square mesh
 RL Grade D500L rectangular mesh
- R4 Welding or heating of reinforcement shall not be permitted without the Engineer's approval.
- R5 Splices in reinforcement shall only be made in the positions as shown on the drawings or to the approval of the Engineer. Splices in fabric shall be two transverse bars plus 25mm.
- R6 Reinforcement shall be securely tied with 1.25mm black annealed wire with added support bars or approved plastic tipped chairs as necessary such that it remains in place before and during concreting. Bar chairs shall be provided at not more than 1 m centres.
- R7 Fabric reinforcement shall be installed with the main wires closest to the face of the nearest concrete surface.
- R8 Unless otherwise shown splice lengths shall be:
- | | REINFORCEMENT SYMBOL | |
|-------------|----------------------|-------------|
| | R | N |
| TOP BARS | 75 BAR DIA. | 60 BAR DIA. |
| COLUMN BARS | 40 BAR DIA. | 25 BAR DIA. |
| OTHER | 50 BAR DIA. | 40 BAR DIA. |
- Fabric Full mesh plus 25mm.
Trench mesh minimum 500mm
- R9 Where external beams are wider than 300mm, an extra bottom bar or equivalent of the same bar size is required for each 100mm additional width.
- R10 For a particular site, if a beam depth greater than that given for the type of construction is selected, the bottom reinforcement specified for the deeper beam is to be used.

CONCRETE

- C1 All concrete and its sampling and testing shall conform with AS3600 and shall have the following minimum 28 days compressive strength;

ITEMS	CONCRETE GRADE
Bored Piers	25 MPa

Slump = 80mm
Max. Agg size = 20mm (Normal)

- C2 Concrete sizes shown do not include finishes and must not be reduced in any way without the Engineer's approval.
- C3 No holes, chases, embedments or additives other than shown on the structural drawings shall be made without the Engineer's approval.
- C4 All concrete shall be mechanically vibrated and no water added during placement. The Contractor shall protect all surfaces from wind and cure for 7 days with moisture retaining membrane or water saturation.
- C5 Clear cover as follows shall be maintained at all times uno;
- | ELEMENT | CAST AGAINST FORMWORK | | CAST ON GROUND
(NO FORMWORK) |
|-------------|-----------------------------------|---------------------------------------|---------------------------------|
| | EXPOSED TO WEATHER OR GROUNDWATER | PROTECTED FROM WEATHER OR GROUNDWATER | |
| BORED PIERS | 65 mm | - | 65 mm |
- C6 All formwork and stripping of formwork shall conform to AS 1509. Departure from this procedure shall only be permitted if details are submitted to the Engineer for approval.
- C7 Do not place conduits, pipes and the like within cover of concrete.

FOOTINGS

- F1 Drawings are to be read in conjunction with Geotechnical Report.
- F2 Slabs and footings shall be founded into natural ground having a minimum safe bearing capacity as below;
- | | |
|-------------|---------|
| Bored Piers | 100 kPa |
|-------------|---------|
- The underside of all footings shall be founded as noted on the drawings. The contractor shall allow to set down or penetrate footings for services as necessary. All excavations and footings shall be approved by the Building Inspector prior to pouring. All services penetrations shall be approved by the Engineer Prior to pouring.
- F3 The Engineer shall be informed should assumed bearing capacity not be attained or the need to underpin becomes evident on site. Excavations shall be kept dry and footings poured on the same day if necessary. Refer also Note G4.
- F4 Lag pipes through footings with 25mm felt. Maintain 75mm cover to all reinforcement where pipes penetrate strip footing as necessary to maintain cover.
- F5 For buildings founded on clay soil Builders and Owners must ensure the drainage and site maintenance requirements of AS 2870 are undertaken.
- F6 Depths specified for footings are minimum dimensions only. Greater depth may be necessary to achieve specified founding base.

STRUCTURAL STEELWORK

- S1 Steel fabrication and construction shall be in accordance with AS 4100, and shall be ordinary Weldable Grade Steel to AS 3678 & AS 3679 unless noted otherwise.
- S2 Open steel sections shall be Grade 300 except as noted below, which shall be Grade 250;
 TFC & TFB sections to 125 deep,
 EA sections less than 125x125,
 UA sections less than 150x90,
 CHS, RHS & SHS shall be Grade 350 u.n.o.
- S3 Before fabrication is commenced the builder shall submit copies of the shop drawings to the Engineer for review. Review does not include checking of dimensions, and does not limit builders responsibility for the correctness of the work.
- S4 Bolts are designated as follows
 4.6/S Grade 4.6 bolts Snug tight
 8.8/S Grade 8.8 bolts Snug tight
 8.8/TF or TB Grade 8.8 bolts Fully Tensioned
- S5 All welding shall comply with AS 1554 part 1 & 2 as applicable.
 All butt welds are to be fully prepared and have full penetration. Details of butt welded joints must be shown on shop drawings.
 Use 8 mm fillet welds or more shall be Category SP
 All other welds shall be category GP uno.
 Electrodes shall be E48xx or equivalent uno.
 Welds shall be 6 mm continuous fillet welds uno.
 The minimum length of weld run shall be 50 mm.
- S6 Connections not detailed shall comprise 10 mm web side cleat, 6 cfw and two M10 8.8/S bolts.
- S7 All steel work except that encased in concrete, or forming the contact surfaces of fully tensioned connections, shall be thoroughly wire brushed to AS 1627 and given one coat of red oxide zinc phosphate primer. Top coats shall be applied on site after erection as specified.
- S8 The fabricator shall provide all holes and cleats for fixing of timber and architectural features and metalwork, as required.
- S9 All steelwork shall be hot-dipped galvanised uno.
 All steelwork that is to be hot dipped galvanised shall be done so in accordance with AS/NZS 4680.
 (min 610g of zinc per square metre of surface area).
- S10 All steelwork below ground shall be encased in 75mm clear cover of 20 MPa concrete.

TIMBER FRAMING

- T1 All timber framing to conform to the requirements of AS 1684 and AS 1720
- T2 Timber sizes and details not shown on these drawings shall be in accordance to AS1684 or the Architectural drawings. Any discrepancy shall be referred to the Architect.
- T3 Fix double member beams with M12 bolts @ 450 cts.
- T4 Gangnail joist hangers.
 - Use 3.15 dia. x 30mm nails
 - 5 nails through each wing.
 - 3 nails through each side of boot.
- T5 Trip-L-Grips.
 - Use 10/2.8 dia. x 30mm nails per Trip-L-Grip.
- T6 All external timbers (including decking), where not pretreated, to be treated with 'Cabots' Bars DK prior to installation.
- T7 Glued laminated radiata pine beams shall be manufactured in accordance with AS1328. Outer laminations F8 continuous, inner laminations F5 butt jointed unless otherwise stated. Camber shall be provided as specified. Beams for external use shall be fabricated using Resorcinol or Phenolic adhesive.
- T8 Bolted connections shall be provided with washers under the head and the nut. All bolts and fittings for external use shall be hot dipped galvanised. No knots or defects shall be allowed within 150mm of bolts or connectors. Where possible bolts shall be re-tightened after 6 weeks and 12 months. End caps shall be provided to exposed beams.
- T9 Preservative where applied shall be made good at checkouts, holes and end grains where surface penetrations exceed 25mm. Refer to the specifications for applied finish to all timber.

LOADING

- L1 This structure has been designed for the following superimposed loads:
 A. Uniformly distributed live loads acting on:

Roof (access not permitted)	0 kPa
Deck	4.0 kPa

- L2 Wind loading to comply with the requirements of AS/NZS 1170.2 - Section 4. Designs are based on:-
 - No 1 Importance Level as derived from Table F1 of AS1170.0.
 - Maximum Regional Wind Speed of Vu = 37m/sec derived from a design life of 5 years with 1/25 annual probability of exceedance.
 - Maximum Regional Wind Speed of Vs = 37m/sec derived from 1/25 annual probability of exceedance.
 - Region A(1 to 7) Non-cyclonic and Terrain Category 2.0.

ABBREVIATIONS

- A1 THK. - Thick.
 A2 TYP. - Typical.
 A3 RC - Reinforced Concrete.
 A4 MIN. - Minimum.
 A5 MAX. - Maximum.
 A6 T.B.A. - To be advised.
 A7 U.N.O. - Unless Noted Otherwise.
 A8 DIM. - Dimension.
 A9 C - Centerline.
 A10 CTS. - Centres.
 A11 ULS - Ultimate Limit State.
 A12 O.D. - Outside Diameter.
 A13 FSBW - Full Strength Butt Weld.
 A14 TC - Wind Terrain Category.
 A15 KM/HR - Kilometers per Hour.

REV	DESCRIPTION	BY	DATE

PROJECT/TITLE: SAFARI TENT (FOR TC=2.0 SITE ONLY)
NOTE SHEET & DRAWING LISTS
DATE OF PLOT: 08 JUN 18

SCALE: AS SHOWN
DRAWN: LC
DESIGNED: LC
APPROVED:

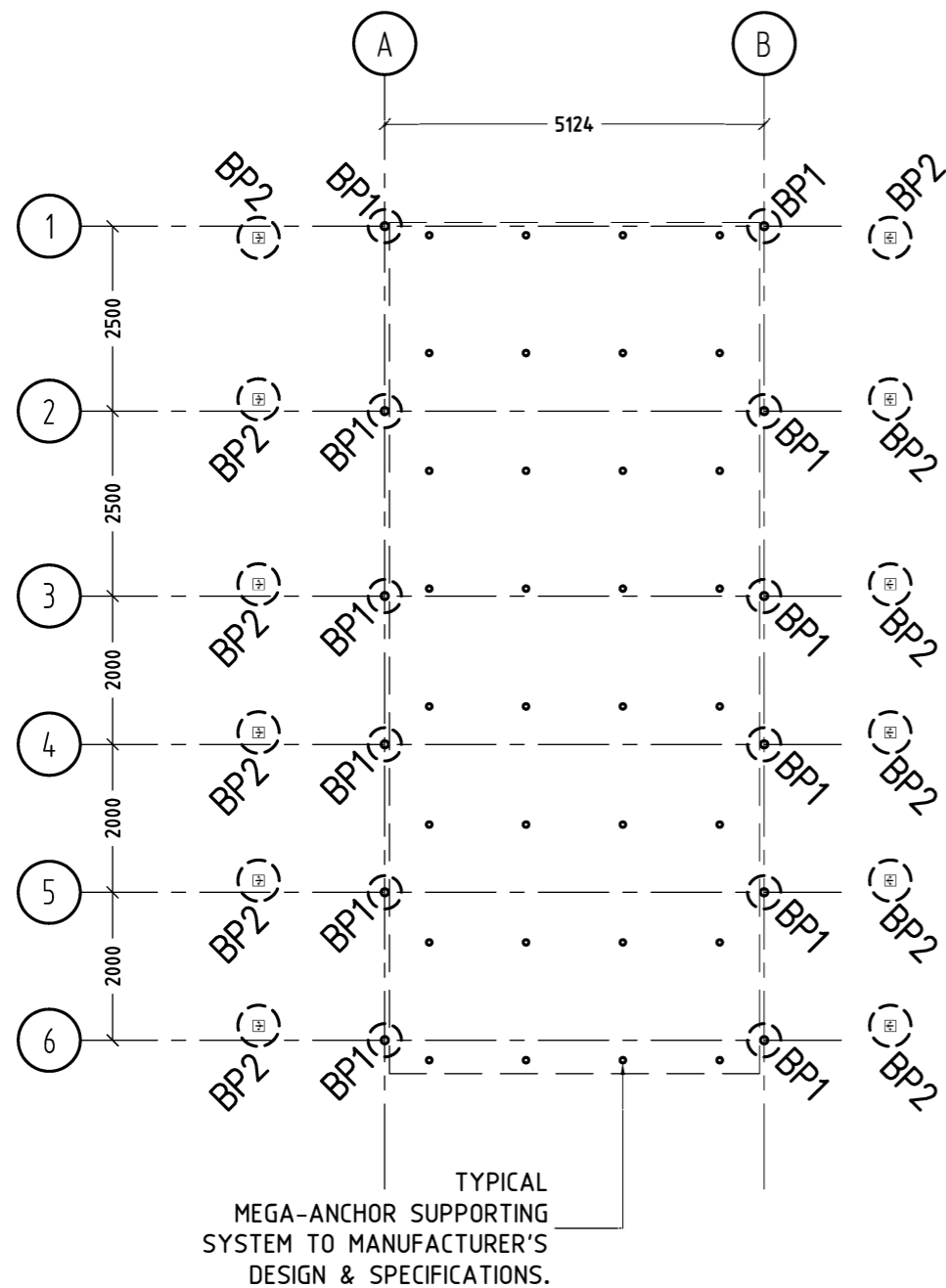
GHC

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**ENGINEERING
CONSULTANTS**

JOB NO: C3480
S0
REV. -
DATE: 08 JUN 18

ISSUE	DESCRIPTION	BY	DATE
1	ISSUED FOR INFORMATION ONLY	LC	08 JUN 18



FOOTING PLAN
SCALE 1:100

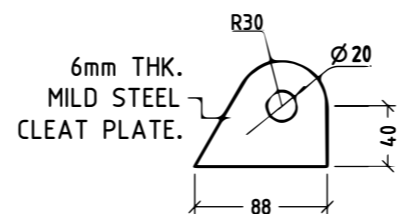
MEMBER SCHEDULE		
MARK	SIZE	REMARKS
BP1	Ø450 BORED PIER x MIN. 1100 FOUNDING DEPTH	MIN. 600mm FOUNDED INTO NATURALLY OCCURRING STIFF CLAY.
BP2	Ø450 BORED PIER x MIN. 1100 FOUNDING DEPTH	MIN. 500mm FOUNDED INTO NATURALLY OCCURRING STIFF CLAY. 5-N12 FULL HEIGHT VERTICAL BARS, 65 COVER.

SITE SOIL CLASSIFICATION
ASSUMED CLASS 'M'

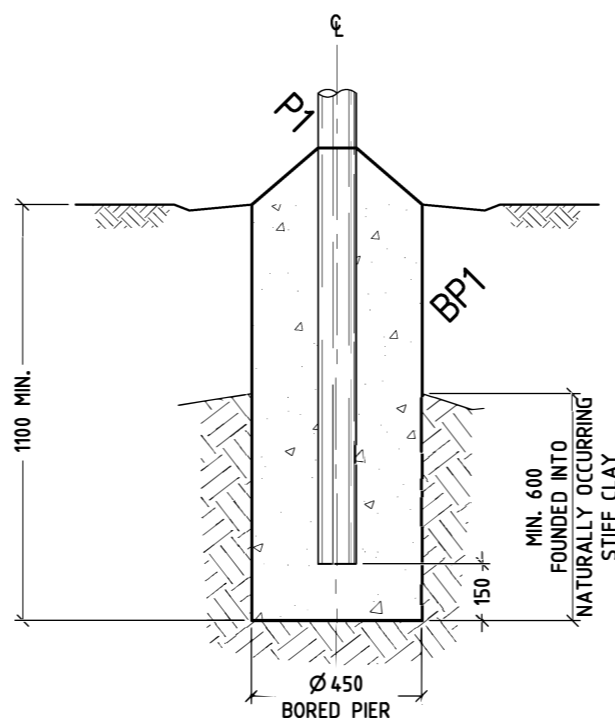
IN ACCORDANCE WITH AS2870-2011.

ASSUMED SKIN FRICTION = 15kPa WITHIN NATURALLY OCCURRING CLAY.
ASSUMED SOIL BEARING CAPACITY = 100kPa
ASSUMED TYPE OF CLAY = STIFF CLAY.
ASSUMED UNDRAINED SHEAR STRENGTH, $C_u = 50$ kPa.

THE ABOVE DESIGN PARAMETERS SHALL BE CONFIRMED BY THE GEOTECHNICAL ENGINEER.



TYPE (2) CLEAT
SCALE 1:5



TYPICAL BORED PIER (BP1)
FOOTING DETAILS
SCALE 1:20

THIS WOODEN FRAME HAS BEEN DESIGNED FOR 5 YEARS DESIGN WORKING LIFE. THE FRAME IS CAPABLE OF RESISTING UP TO THE FOLLOWING REGIONAL GUST WIND SPEED,

133 KM/HR (FOR ANNUAL PROBABILITY OF EXCEEDENCE OF 1/25)

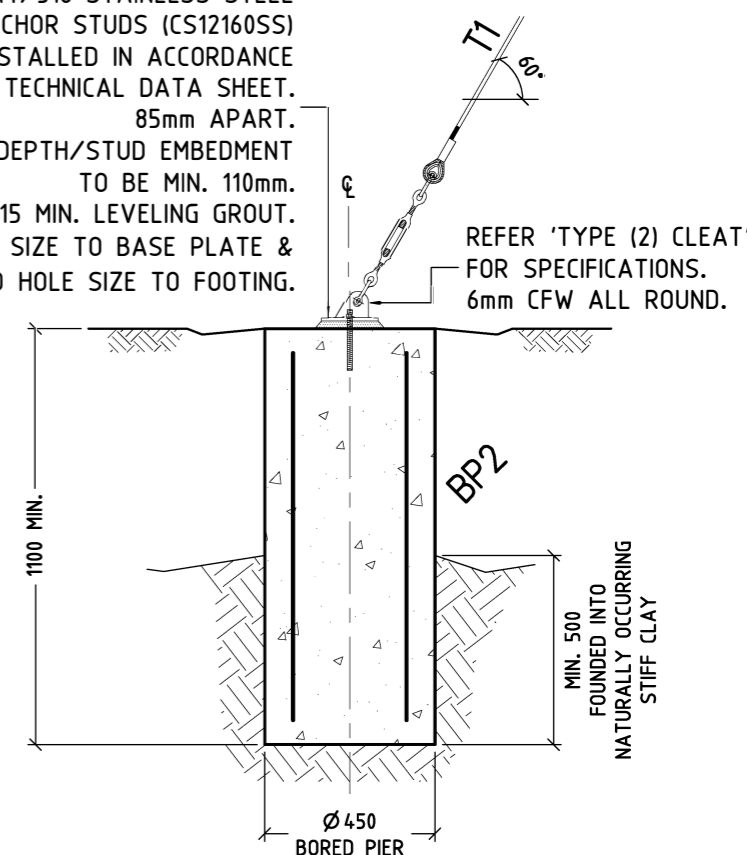
REFER DRAWING NO. (S0) UNDER 'LOADING NOTES-(L2)' FOR OTHER DESIGN PARAMETERS.

WITHOUT INSTALLATION OF TIE CABLE (T1) TO BORED PIER (BP2), THIS WOODEN FRAME STRUCTURE WILL ONLY BE CAPABLE OF RESISTING UP TO THE FOLLOWING REGIONAL GUST WIND SPEED,

75 KM/HR

IN THIS CASE, THE DESIGN OF THE WOODEN FRAME WILL NOT BE IN COMPLIANCE WITH AS/NZS 1170 & THEREFORE SHALL ONLY BE ERECTED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.

150 x 150 x 8mm THK. BASE PLATE.
RAMSET CHEMSET REO 502 WITH
(CHEM 12) 2-M12 A4/316 STAINLESS STEEL
CHEMSET ANCHOR STUDS (CS12160SS)
TO BE INSTALLED IN ACCORDANCE
WITH RAMSET TECHNICAL DATA SHEET.
85mm APART.
DRILLED HOLE DEPTH/STUD EMBEDMENT
TO BE MIN. 110mm.
15 MIN. LEVELING GROUT.
Ø15mm HOLE SIZE TO BASE PLATE &
Ø14mm DRILLED HOLE SIZE TO FOOTING.



TYPICAL BORED PIER (BP2)
FOOTING DETAILS
SCALE 1:20

DRAFT

REV	DESCRIPTION	BY	DATE

PROJECT/TITLE:
SAFARI TENT
(FOR TC=2.0 SITE ONLY)

FOOTING PLAN & DETAILS

DATE OF PLOT: 08 JUN 18

SCALE: AS SHOWN

DRAWN: LC

DESIGNED: LC

APPROVED:

GAC  **ENGINEERING CONSULTANTS**

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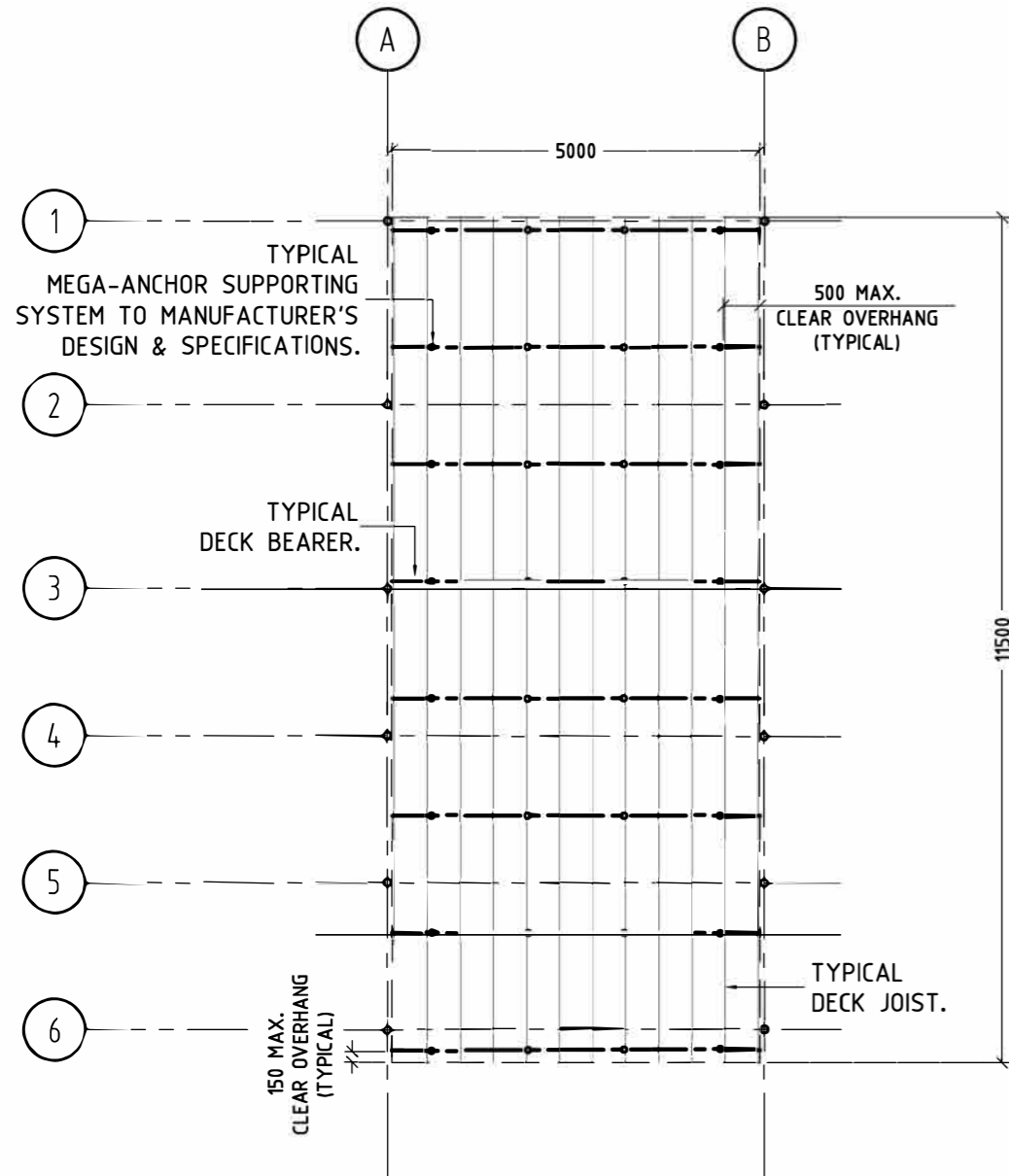
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S1

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OPTION 1-DECK FRAMING PLAN
SCALE 1:100

ALL EXPOSED STEEL WORK TO BE HOT DIPPED GALVANISED.

OPTION 1 - TIMBER DECK FRAMING

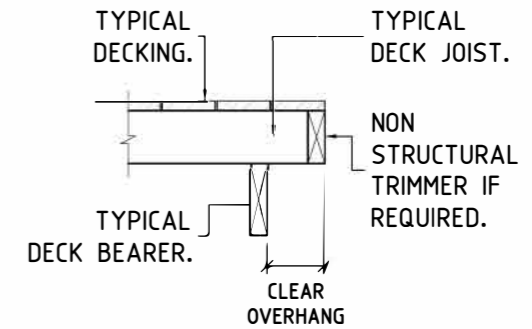
140 x 45 (F7) T/PINE DECK JOISTS @ MAX. 450 CTS.
 MAXIMUM CLEAR CONTINUOUS SPAN = 1550mm.
 MAXIMUM CLEAR OVERHANG = 150mm.

190 x 45 (F7) T/PINE DECK BEARERS @ 1600 CTS.
 MAXIMUM CLEAR CONTINUOUS SPAN = 1250mm.
 MAXIMUM CLEAR OVERHANG = 500mm.

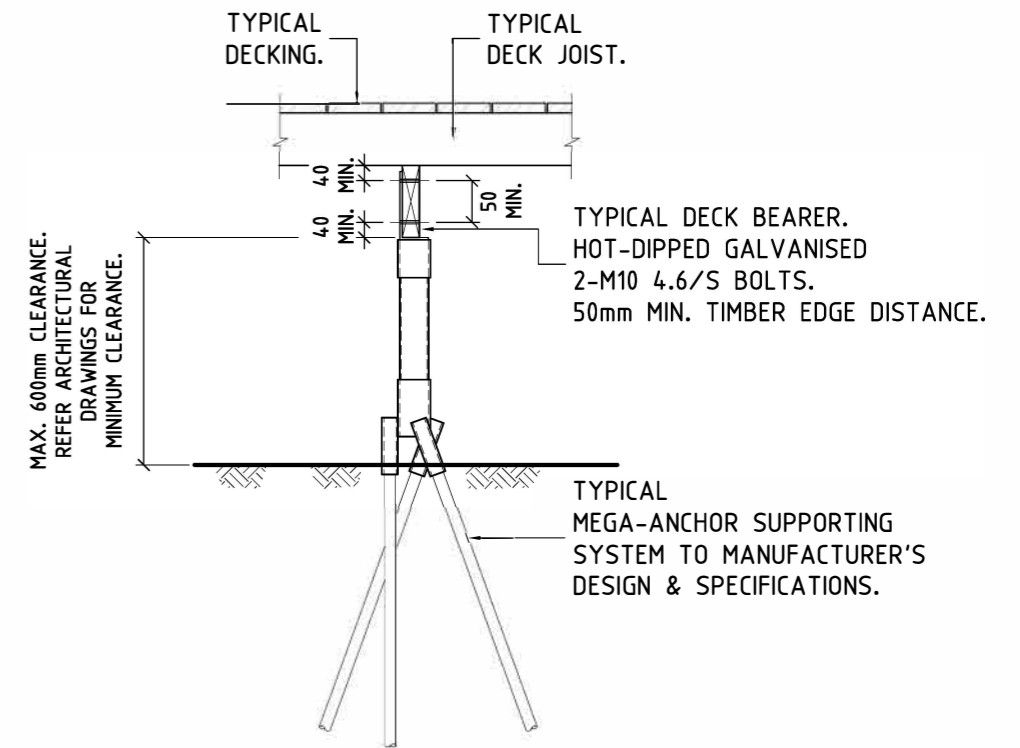
140 WIDE x MIN. 26mm THK. (F7) TREATED PINE DECKING OR APPROVED EQUIVALENT.

TYPICAL BEARERS TO BE SUPPORTED ON MEGA-ANCHOR SYSTEM TO MANUFACTURER'S DESIGN & SPECIFICATION. TYPICAL MEGA-ANCHOR SYSTEM SHALL BE DESIGNED TO CARRY THE FOLLOWING DESIGN ACTIONS (ULS):-

- DOWNWARD FORCE = 15 kN.
- UPLIFT FORCE = 2 kN.
- BASE SHEAR FORCE = 1 kN.
- BASE MOMENT = 1 kNm.



TYPICAL DECK JOIST OVERHANG DETAILS
SCALE 1:20



TYPICAL SUB-FLOOR SECTIONAL VIEW
SCALE 1:20

ALL FIXINGS SHALL BE IN ACCORDANCE WITH AS1684 TO BUILDER'S SPECIFICATIONS

REV	DESCRIPTION	BY	DATE

PROJECT/TITLE:
SAFARI TENT
 (FOR TC=2.0 SITE ONLY)

OPTION 1-DECK FRAMING PLAN & DETAILS

DATE OF PLOT: 08 JUN 18

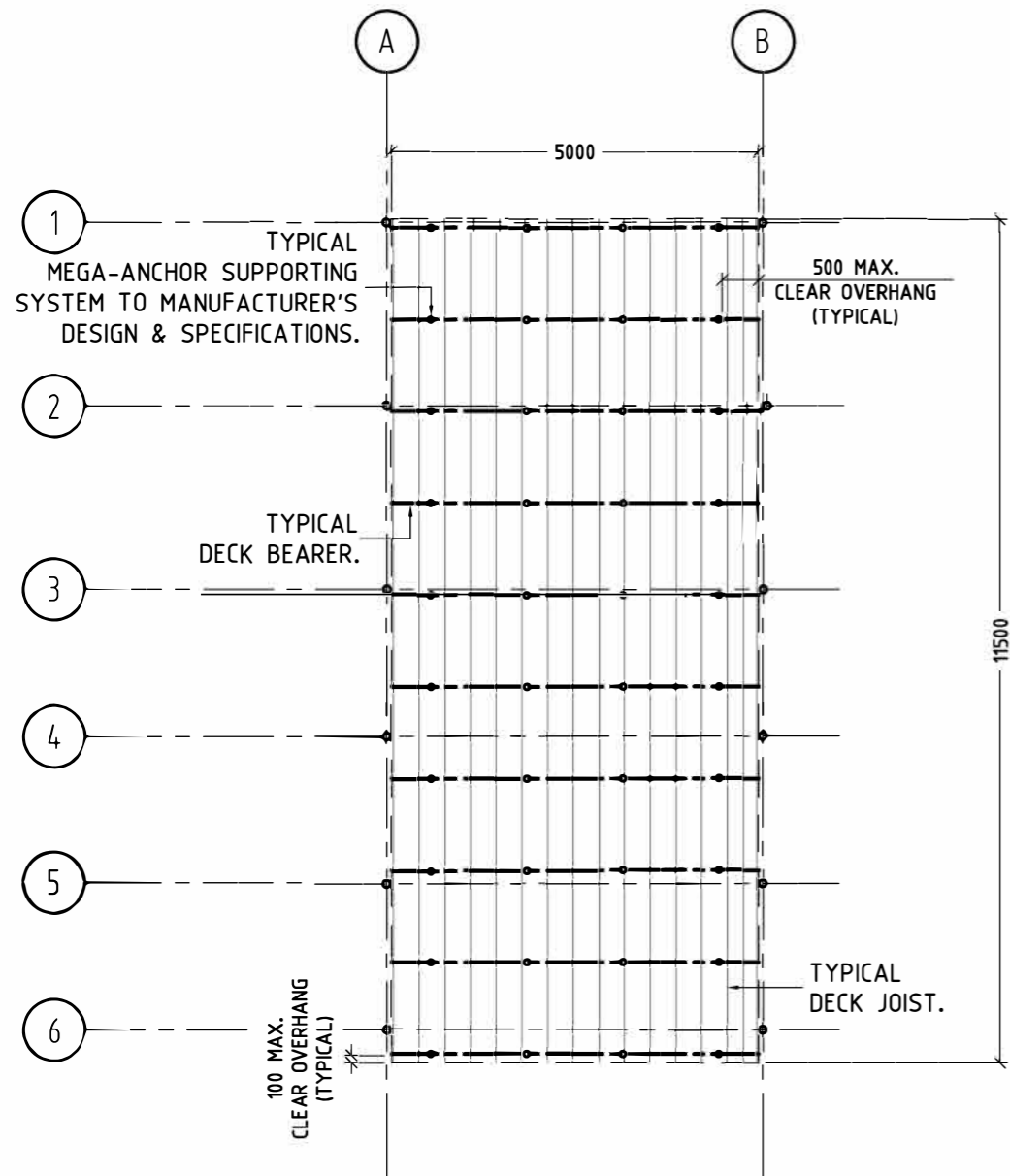
SCALE: AS SHOWN
DRAWN: LC
DESIGNED: LC
APPROVED:



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S2
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DATE: 08 JUN 18

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OPTION 2-DECK FRAMING PLAN
SCALE 1:100

ALL EXPOSED STEEL WORK TO BE
HOT DIPPED GALVANISED.

OPTION 2 - TIMBER DECK FRAMING

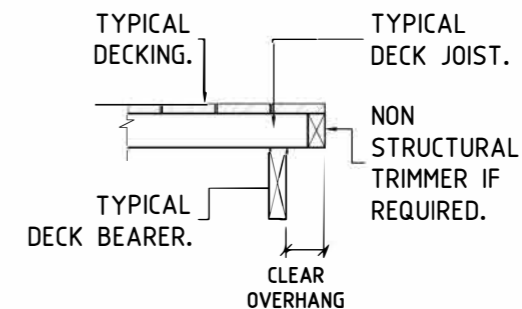
90 x 45 (F7) T/PINE DECK JOISTS @ MAX. 350 CTS.
MAXIMUM CLEAR CONTINUOUS SPAN = 1210mm.
MAXIMUM CLEAR OVERHANG = 100mm.

190 x 45 (F7) T/PINE DECK BEARERS @ 1260 CTS.
MAXIMUM CLEAR CONTINUOUS SPAN = 1250mm.
MAXIMUM CLEAR OVERHANG = 500mm.

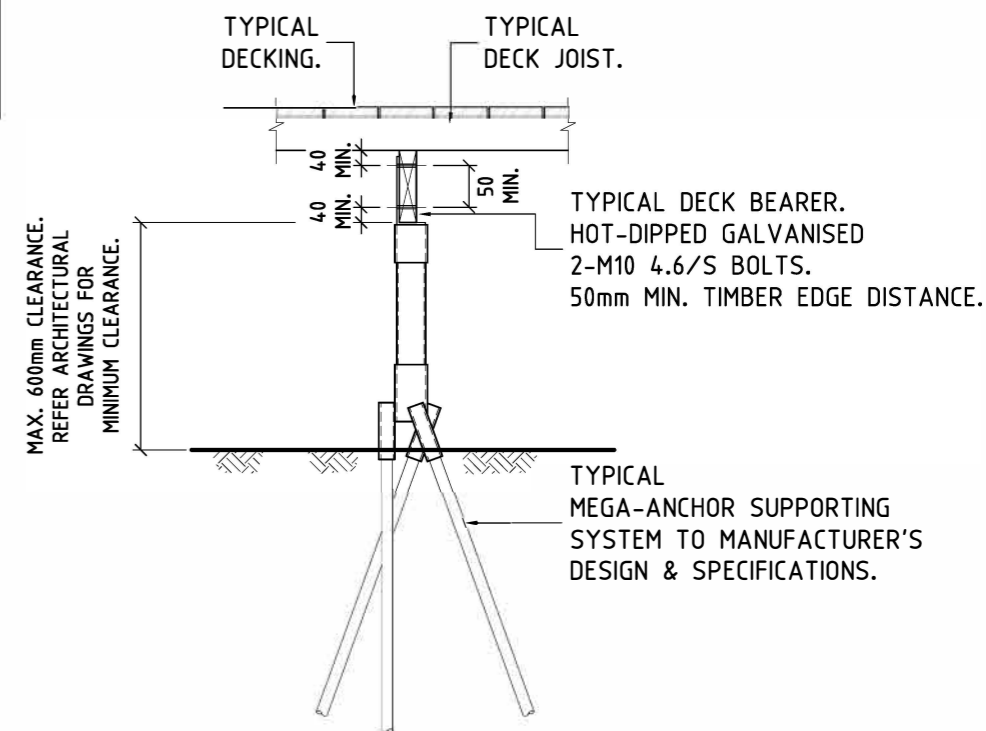
140 WIDE x MIN. 22mm THK. (F7) TREATED PINE
DECKING OR APPROVED EQUIVALENT.

TYPICAL BEARERS TO BE SUPPORTED ON
MEGA-ANCHOR SYSTEM TO MANUFACTURER'S
DESIGN & SPECIFICATION. TYPICAL MEGA-ANCHOR
SYSTEM SHALL BE DESIGNED TO CARRY THE
FOLLOWING DESIGN ACTIONS (ULS): -

- DOWNWARD FORCE = 15 kN.
- UPLIFT FORCE = 2 kN.
- BASE SHEAR FORCE = 1 kN.
- BASE MOMENT = 1 kNm.



**TYPICAL DECK JOIST
OVERHANG DETAILS**
SCALE 1:20



TYPICAL SUB-FLOOR SECTIONAL VIEW
SCALE 1:20

ALL FIXINGS SHALL BE IN ACCORDANCE WITH AS1684 TO BUILDER'S SPECIFICATIONS

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**SAFARI TENT
(FOR TC=2.0 SITE ONLY)**

OPTION 2-DECK FRAMING PLAN & DETAILS

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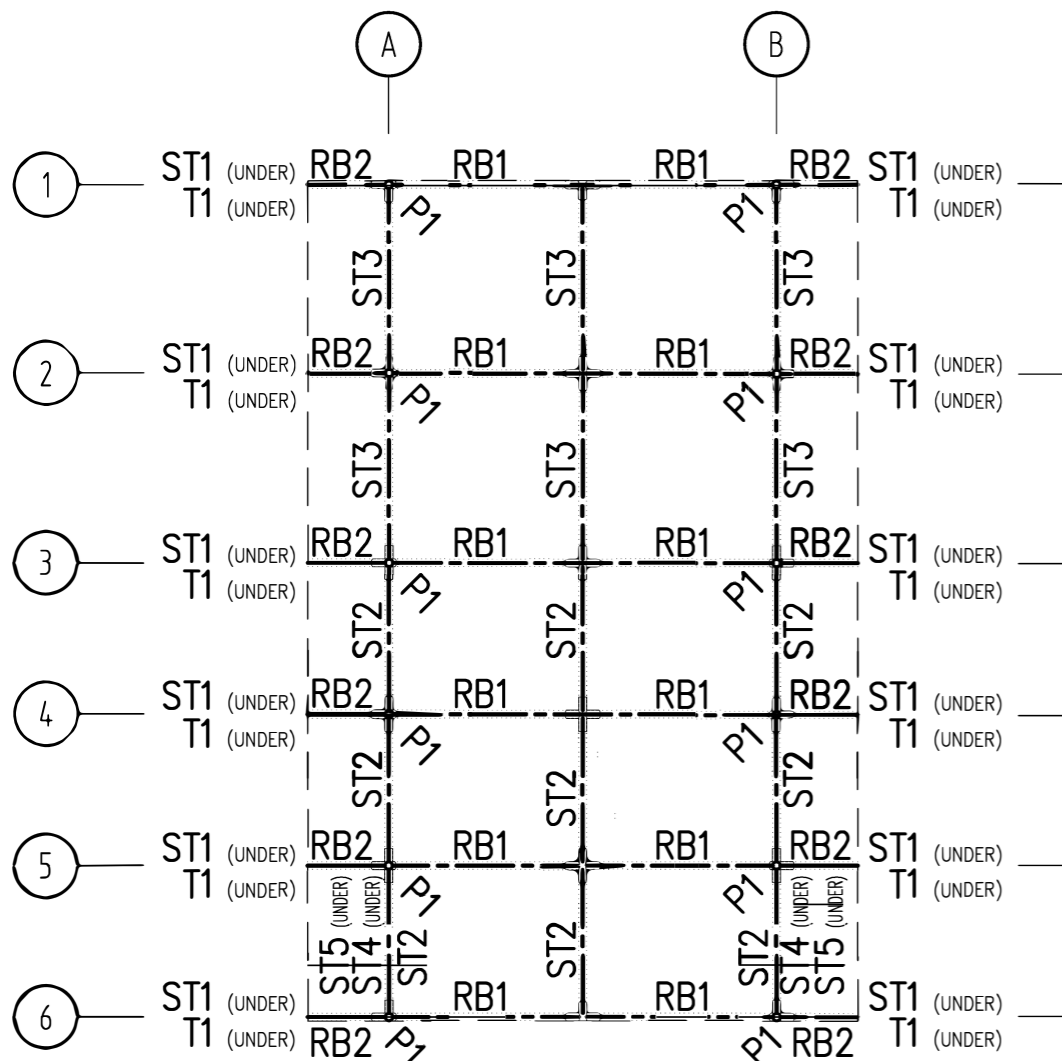
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S3

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DATE: 08 JUN 18

ISSUE	DESCRIPTION	BY	DATE
1	ISSUED FOR INFORMATION ONLY	LC	08 JUN 18



ROOF FRAMING PLAN
SCALE 1:100

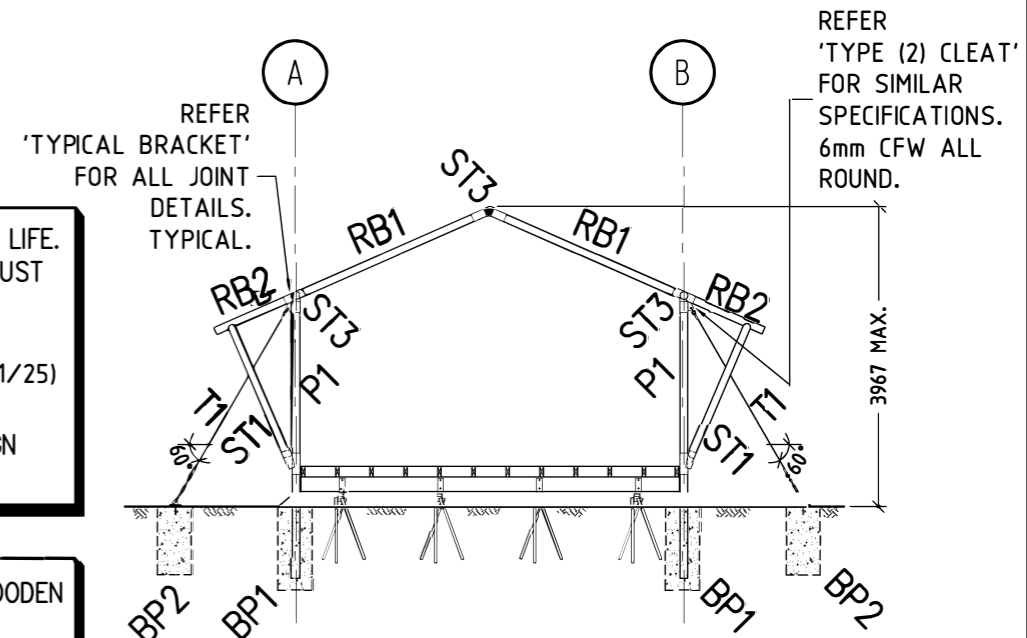
ALL EXPOSED STEEL WORK TO BE HOT DIPPED GALVANISED.

THIS WOODEN FRAME HAS BEEN DESIGNED FOR 5 YEARS DESIGN WORKING LIFE. THE FRAME IS CAPABLE OF RESISTING UP TO THE FOLLOWING REGIONAL GUST WIND SPEED,
133 KM/HR (FOR ANNUAL PROBABILITY OF EXCEEDENCE OF 1/25)
REFER DRAWING NO. (S0) UNDER 'LOADING NOTES-(L2)' FOR OTHER DESIGN PARAMETERS.

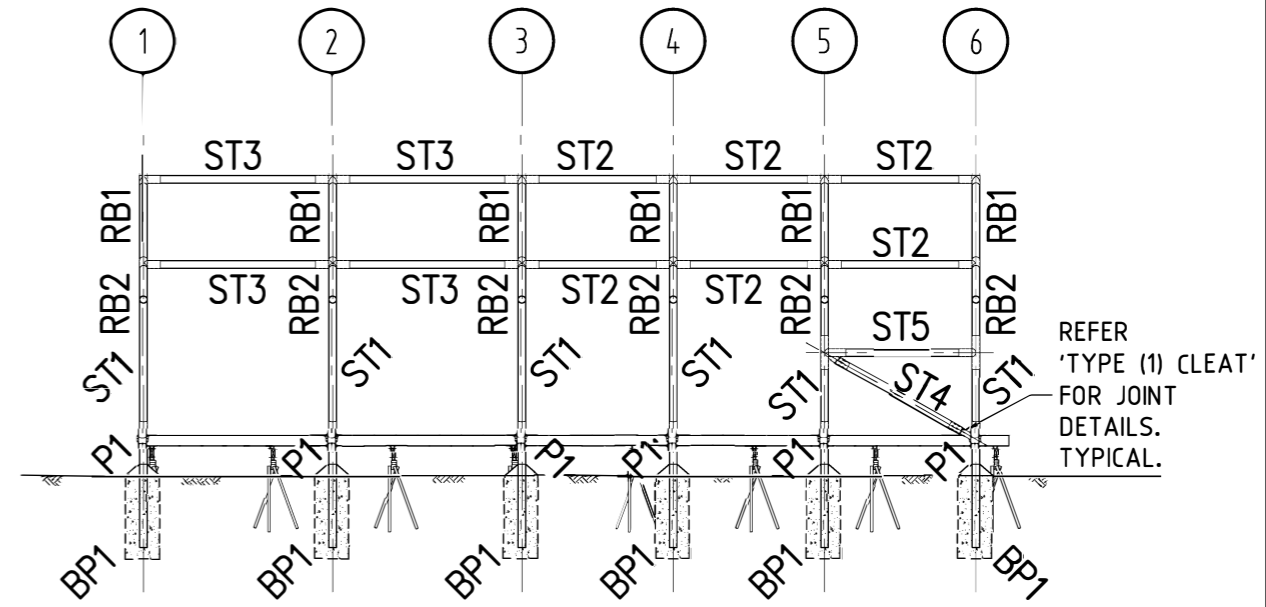
WITHOUT INSTALLATION OF TIE CABLE (T1) TO BORED PIER (BP2), THIS WOODEN FRAME STRUCTURE WILL ONLY BE CAPABLE OF RESISTING UP TO THE FOLLOWING REGIONAL GUST WIND SPEED,
75 KM/HR
IN THIS CASE, THE DESIGN OF THE WOODEN FRAME WILL NOT BE IN COMPLIANCE WITH AS/NZS 1170 & THEREFORE SHALL ONLY BE ERECTED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.

TYPE (1) CLEAT
80mm WIDE x 6mm THK. MILD STEEL CLEAT, 6mmCFW ALL ROUND TO BRACKET.
2-M8 4.6/S BOLTS FIXING TO (ST4).
MIN. 65mm TIMBER END DISTANCE,
MIN. 50mm SPACING &
MIN. 40mm TIMBER EDGE DISTANCE.

TYPICAL BRACKET
0.D108mm PIPE x 2.75mm WALL THICKNESS BRACKET USING MINIMUM 235MP_a MILD STEEL GRADE.
FSBW ALL ROUND.
MINIMUM 2-M8 4.6/S BOLTS FIXING TO EACH TIMBER.
MIN. 65mm TIMBER END DISTANCE,
MIN. 50mm SPACING &
MIN. 40mm TIMBER EDGE DISTANCE.



GRID LINE (2) SECTIONAL VIEW
SCALE 1:100
TYPICAL CROSS SECTIONAL VIEW



GRID LINE (A) SECTIONAL VIEW
SCALE 1:100
GRID LINE (B) SECTIONAL VIEW SIMILAR

MEMBER SCHEDULE		
MARK	SIZE	REMARKS
RB1	Ø100 (F22) TIMBER GRADE DURABLE SPECIES	-
RB2	Ø100 (F22) TIMBER GRADE DURABLE SPECIES	-
ST1	Ø100 (F22) TIMBER GRADE DURABLE SPECIES	-
ST2	Ø100 (F22) TIMBER GRADE DURABLE SPECIES	-
ST3	Ø100 (F22) TIMBER GRADE DURABLE SPECIES	-
ST4	Ø100 (F22) TIMBER GRADE DURABLE SPECIES	-
ST5	Ø100 (F22) TIMBER GRADE DURABLE SPECIES	-
T1	TIE CABLE, RIGGING SCREWS & TURNBUCKLE/TENSIONER	MIN. BREAKING FORCE = 12 KN.
P1	Ø100 (F22) TIMBER GRADE DURABLE SPECIES	-

REV	DESCRIPTION	BY	DATE

PROJECT/TITLE:
SAFARI TENT
(FOR TC=2.0 SITE ONLY)

ROOF FRAMING PLAN & SECTIONAL VIEWS
DATE OF PLOT: 08 JUN 18

SCALE: AS SHOWN
DRAWN: LC
DESIGNED: LC
APPROVED:

GHC  **ENGINEERING CONSULTANTS**

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JOB NO: C3480
S4
REV. -
DATE: 08 JUN 18



east coast

bushregeneration

Project Manager: Ross Faithfull
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QUOTE FOR Rob Schwamberg Byron View

Jan 29th 2020

To plant Koala food and other native trees, shrubs and groundcovers in various areas and install nesting boxes for microbats, birds and possums.



Red areas

Prepare area – spray grass prior to planting	\$ 100
Plant	
~ 120 Koala trees (supplied by Bangalow Koalas) @\$10ea	\$1200
~ 120 mixed rainforest trees @\$10ea	\$1200
~ 350 mixed native shrubs and groundcovers @\$12ea	\$4200
Sub-total	\$6700
~ minus cost of 120 Koala trees @\$1ea	\$ 120
Total red area	\$6580

Blue areas

Prepare area – spray grass prior to planting	\$ 50
Plant	
~ 10 advanced trees in 300mm pots @100ea	\$1000
~ 40 mixed rainforest trees @\$10ea	\$ 400
~ 180 mixed native shrubs and groundcovers @\$12ea	\$2160
Total	\$3610

Pink area – plant butterfly vines around existing gardens 12 @\$12 **\$ 144**

Grass trees – Plant 12 Grass Trees in blue & red areas @\$400ea **\$4800**

Nesting boxes – Install in various positions throughout all areas
12 microbats, 8 birds & 6 possums @\$80ea **\$2080**

Total all areas inc. GST **\$17214**

Maintenance

Year 1 - maintain all areas planted at 2 monthly intervals 6 x \$450	\$2700
Years 2&3 – maintain at 3 monthly intervals 8 x \$450	\$3600
Total maintenance over 3 years	\$6300

Species for each area listed below.

All plants in red and blue areas to be mulched with tea tree mulch for landscape appearance around residential/function areas.

All plants will be planted with soil wetting agent and slow release fertiliser, and watered thoroughly. Bush tucker species such as Native Ginger and Finger Lime to be mixed in with all plantings.

Suggested planting species.

Red areas

Trees ~ Red Gum, Tallowood, Swamp Mahogany, Grey Gum, Flooded Gum, Broad-leaved Paperbark, various Banksia, Red and White Bottlebrush, various Lilly Pillies, Sandpaper Fig, Pandanus, Flame tree, Firewheel Tree, Celery Wood, Red Ash, Forest Oak, Silky Oak, Black Oak, Red Cedar, White Cedar, Rough-leaved Elm, Whalebone Tree, Hoop Pine, Tree-veined Laurel, Tuckeroo, Corkwood, Teak, Cheese Tree, Macaranga, Foam Bark, Native Frangipani, Cudgerie, White Beech, Bennetts Ash, Red Kamala, Plum Pine, Coolamon Tree, Peanut Tree, Sweet Pittosporum, Acronychia, Native Tamarind,

Shrubs & groundcovers ~ Native Ginger, Hovea, Narrow-leaved Gardenia, Cunjevoi, Walking Stick Palm, Various Lomandra, Flax Lilly, Saw Sedge, Tree Fern, Bangalow Palm, Native Peach, Hairy Psychotria, Coffee Bush, Finger Lime, Wilkiea, Velvet Leaf, Midgen Berry, Kangaroo Paw, Hoya Vine, Birdwing Vine, various Myrtles, Blue Tongue, Crinum Lilly, Finger Lime, Various Grevillea, Various small Banksia, Native Violet, Grass Tree*

Blue areas

Trees ~ Banksia, Red and White Bottlebrush, various Lilly Pillies, Sandpaper Fig, Rough-leaved Elm, Whalebone Tree, Tree-veined Laurel, Macaranga, Foam Bark, Native Frangipani, Plum Pine, Coolamon Tree.

Shrubs & groundcovers ~ Native Ginger, Hovea, Narrow-leaved Gardenia, Cunjevoi, Walking Stick Palm, Various Lomandra, Flax Lilly, Saw Sedge, Tree Fern, Bangalow Palm, Native Peach, Hairy Psychotria, Coffee Bush, Finger Lime, Wilkiea, Velvet Leaf, Midgen Berry, Kangaroo Paw, Hoya Vine, Birdwing Vine, various Myrtles, Blue Tongue, Crinum Lilly, Finger Lime, Various Grevillea, Various small Banksia, Native Violet, Grass tree

The species lists are based on pot sizes 2, 3, 4 & 6 inch pots. Grass trees and advanced rainforest trees will be in 100mm, 200mm & 300mm pots.