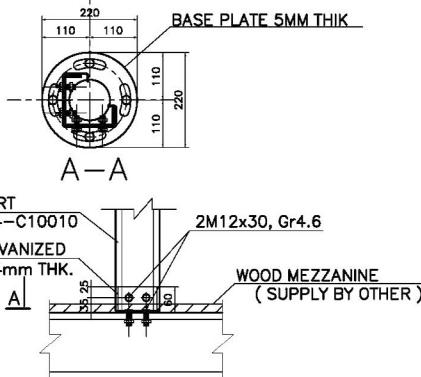
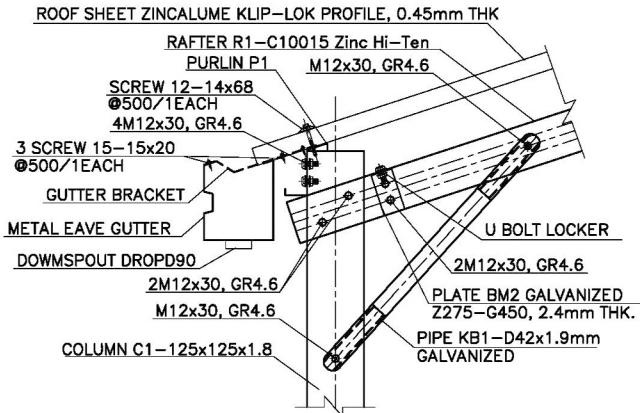


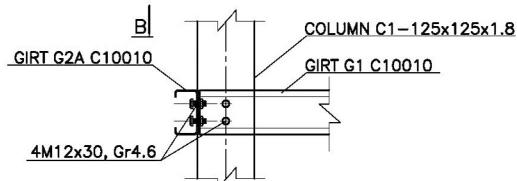
DETAIL 1



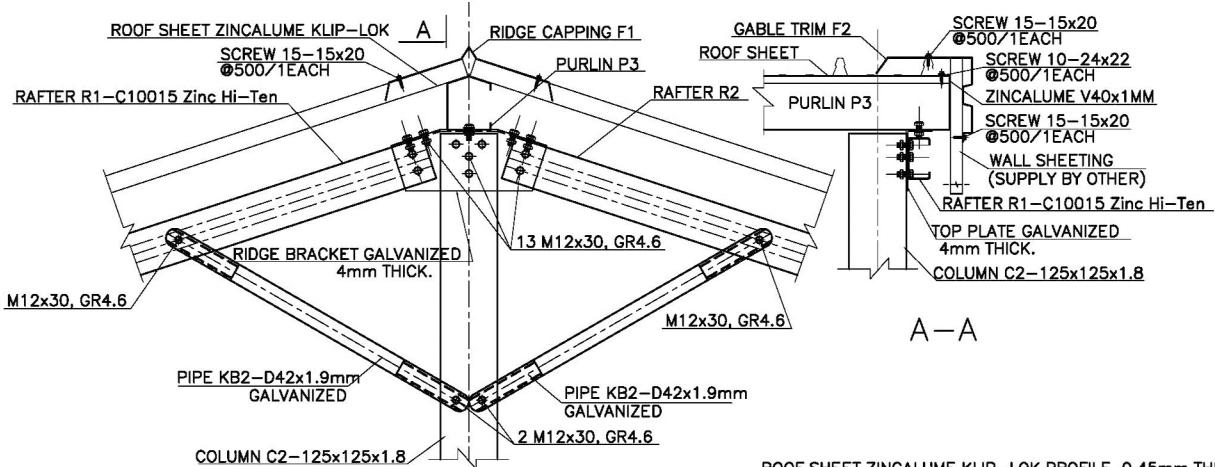
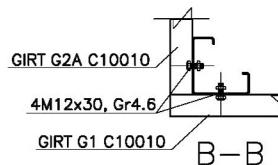
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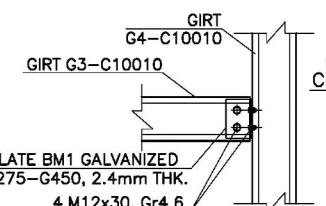
DETAIL 2



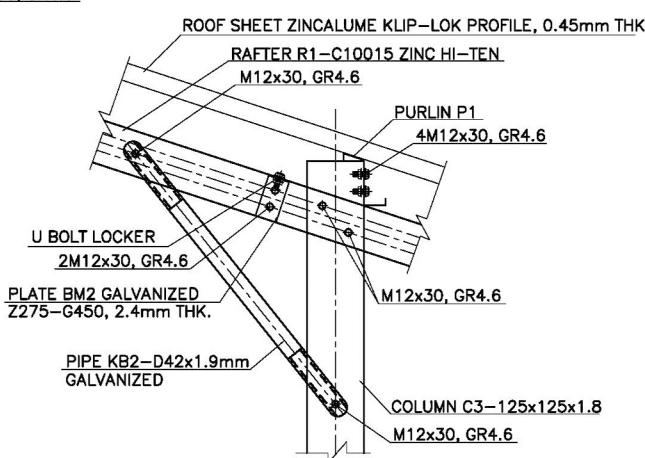
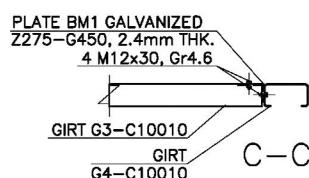
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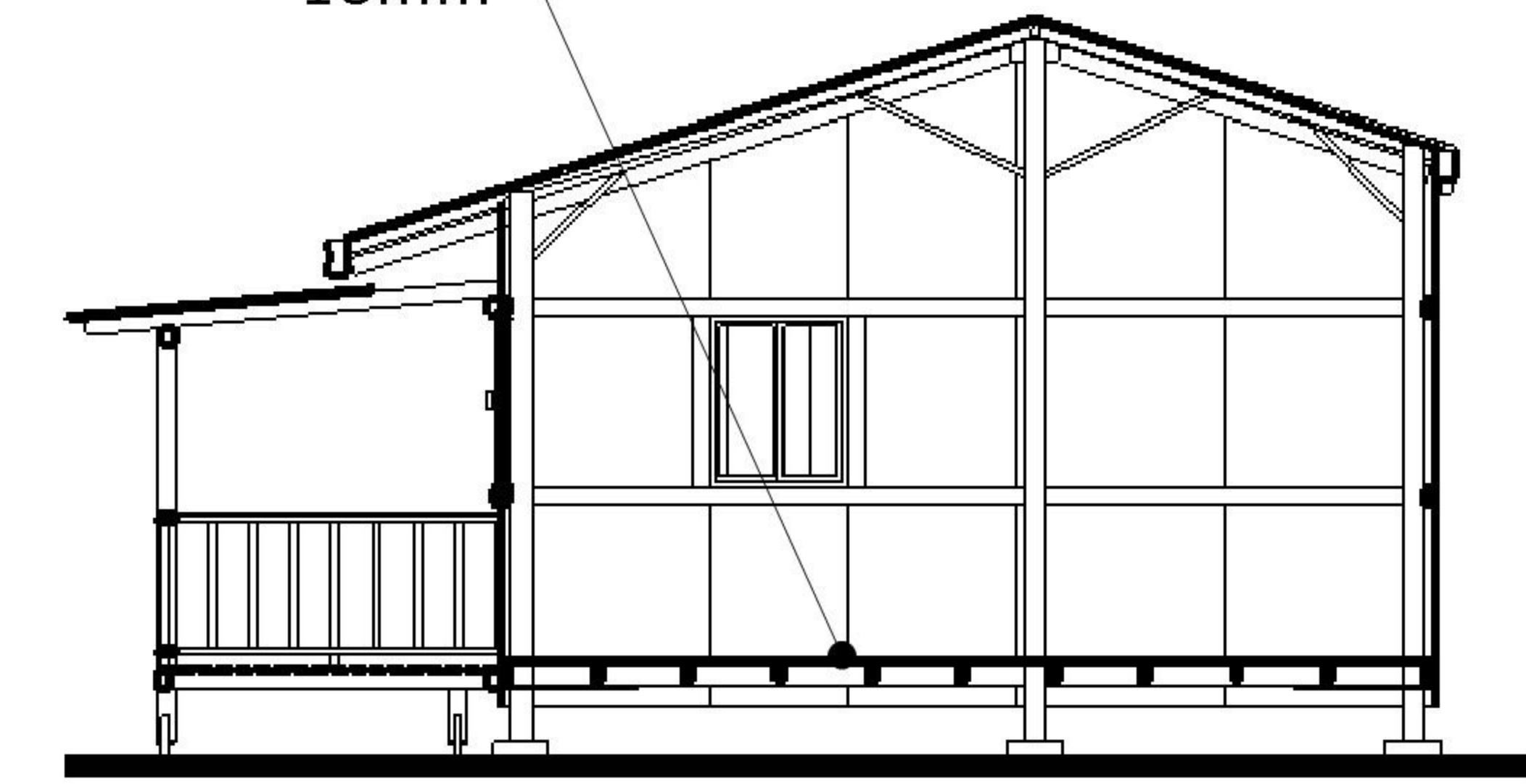
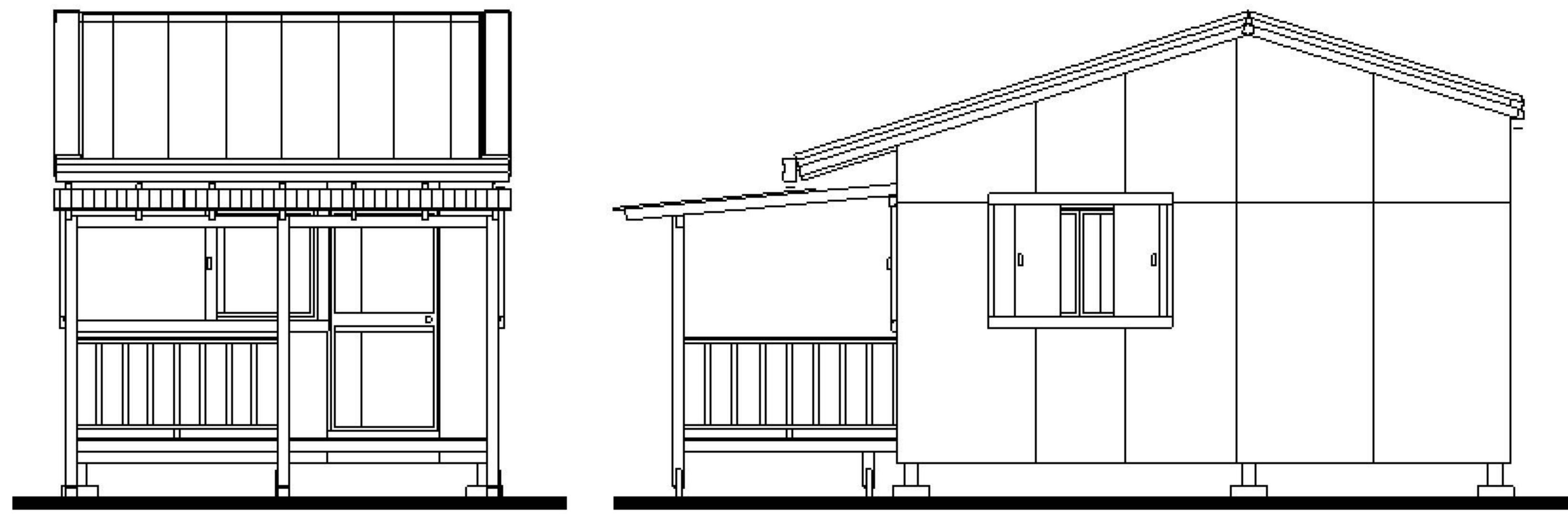
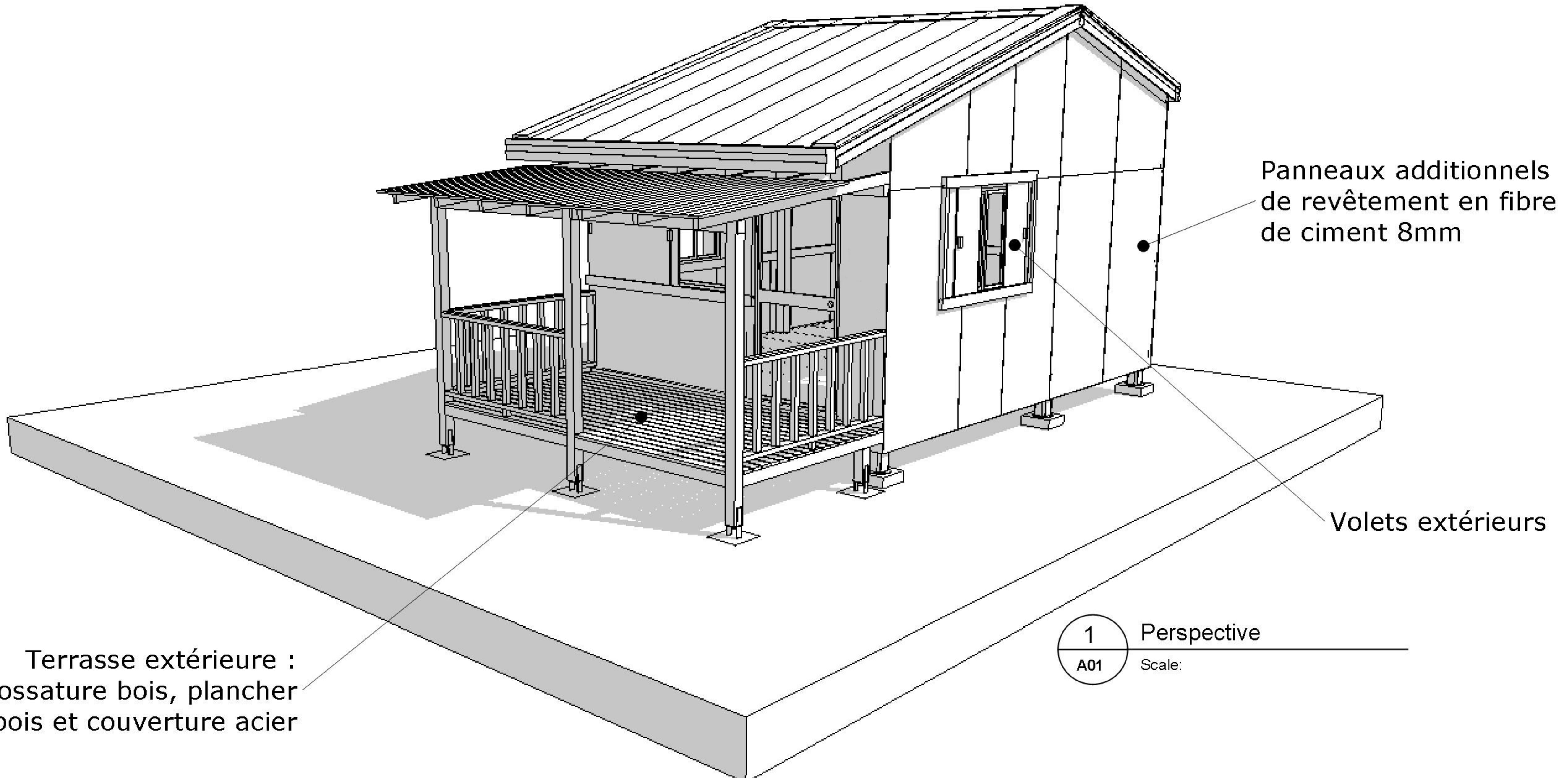
A-A



DETAIL 7



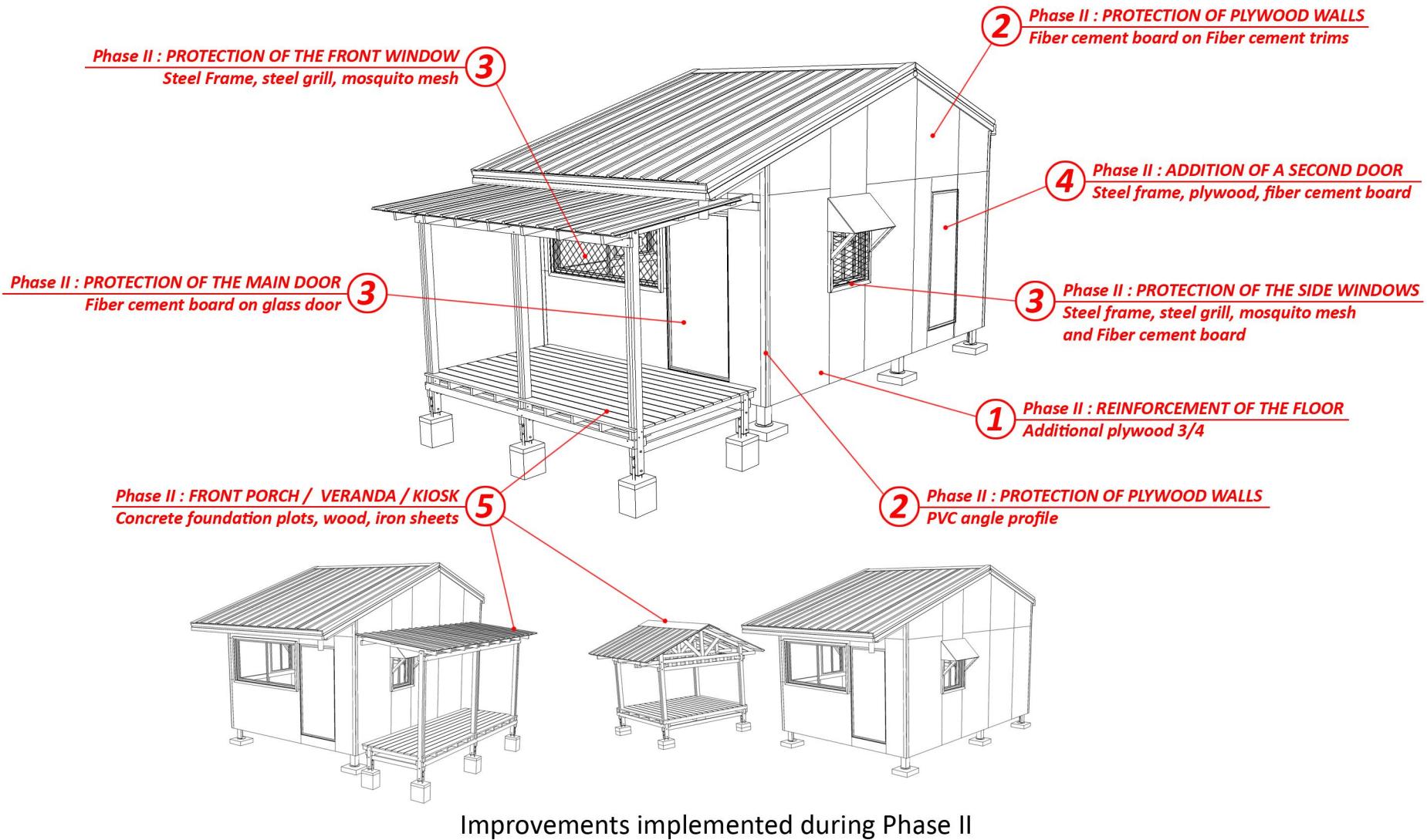
DETAIL 4

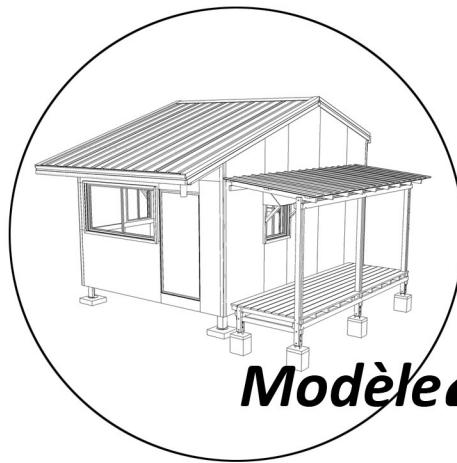


**Croix-Rouge suisse +
Schweizerisches Rotes Kreuz
Croce Rossa Svizzera**

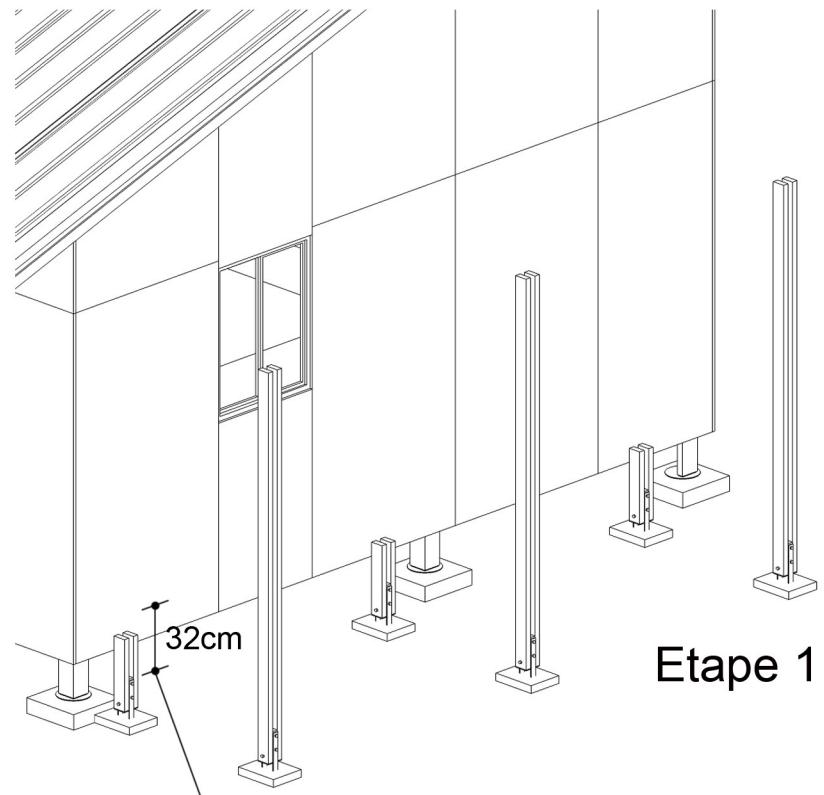
Angle rues Villate & Dr Wallon,
Pétion-Ville, Haïti.
+509 3492-2780

Projet : Projet d'amélioration de maisons préfabriquées en acier à Palmiste à Vin	Echelle : diverses
Date : 10/02/2011	
Adresse : Communauté de Palmiste à Vin, Léogane, Haïti	Plan N° :
Dessiné par : Olivier Le Gall	A.01





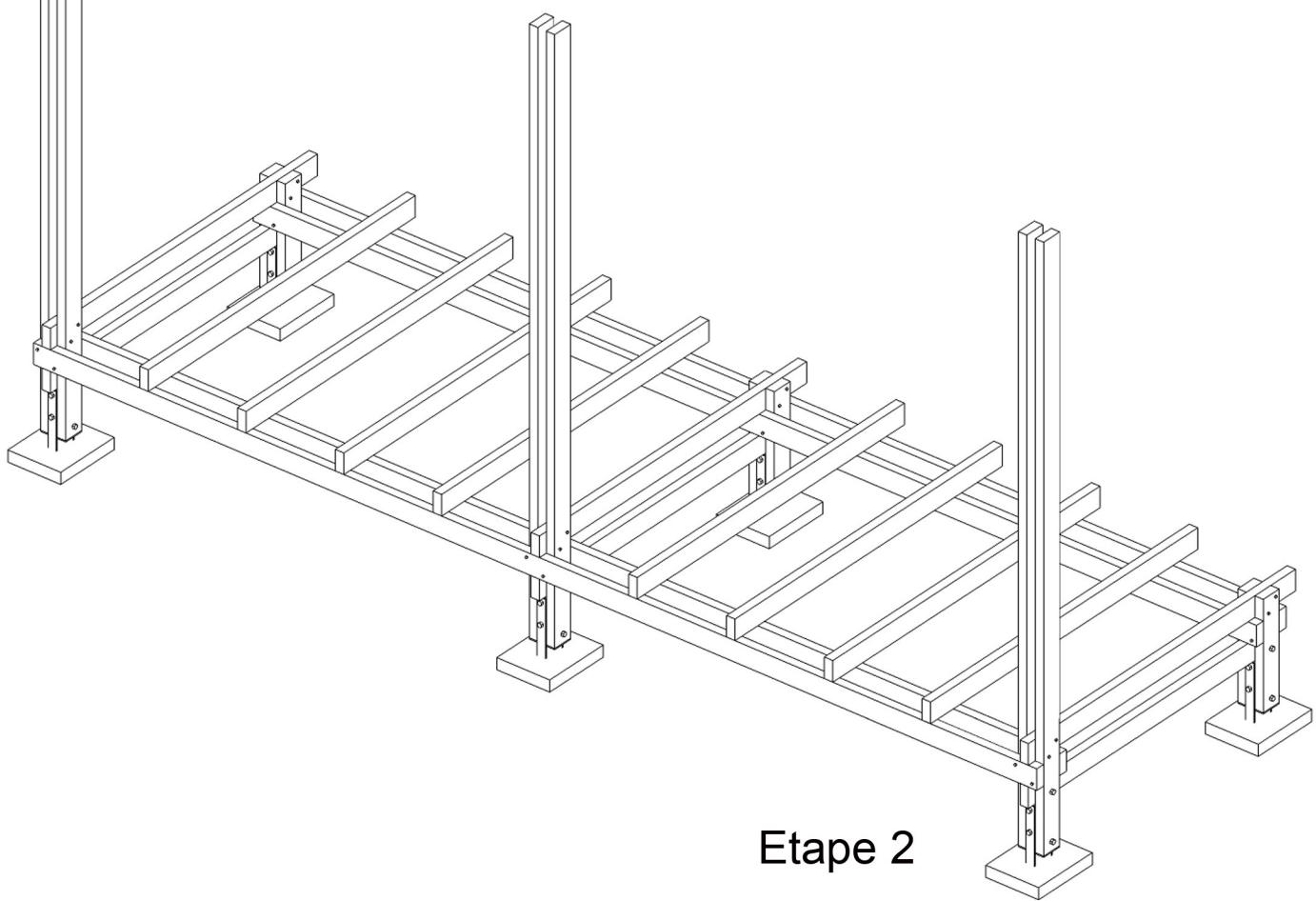
Modèle 2



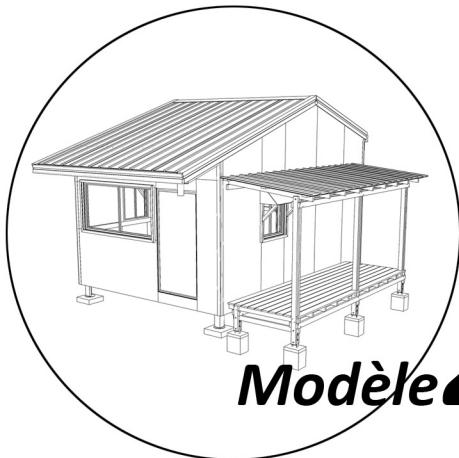
Etape 1

La mise à niveau des 6 poteaux
se fait à partir de la fondation la plus haute.

Le niveau haut du bout du milieu de cette fondation
doit se trouver à 32cm sous le niveau
du sol intérieur de la maison

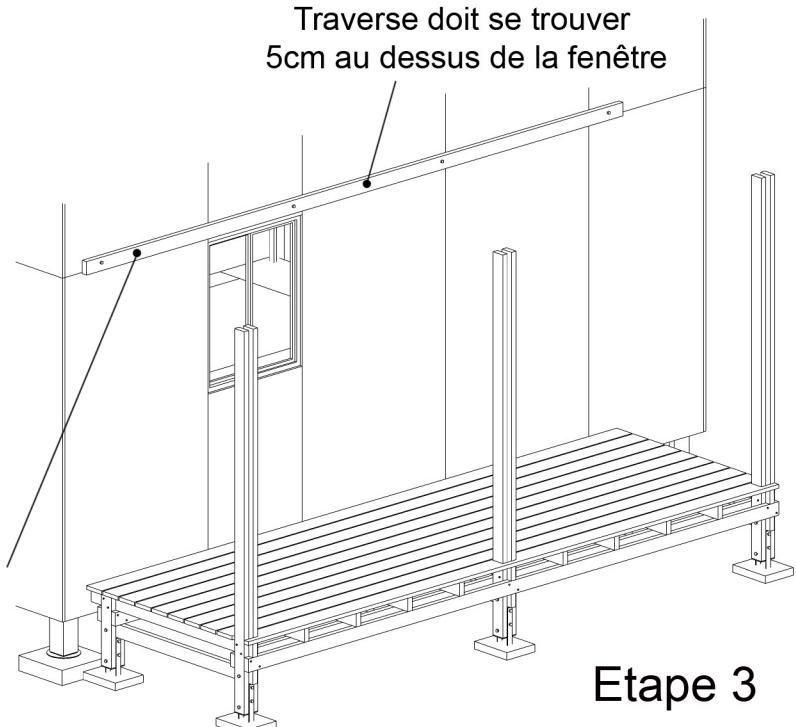


Etape 2

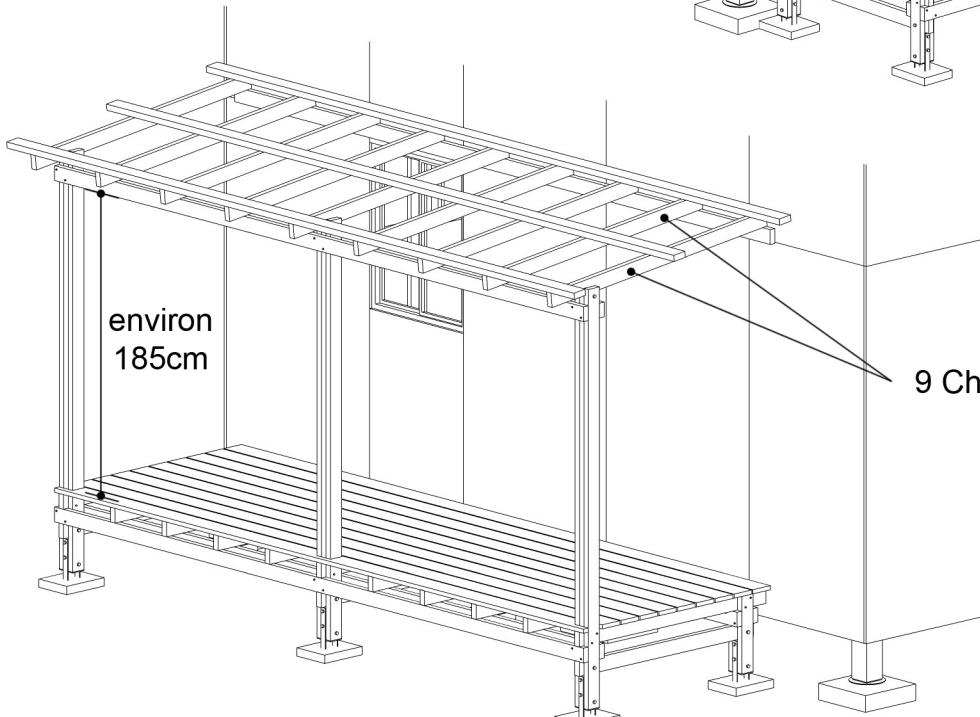


2

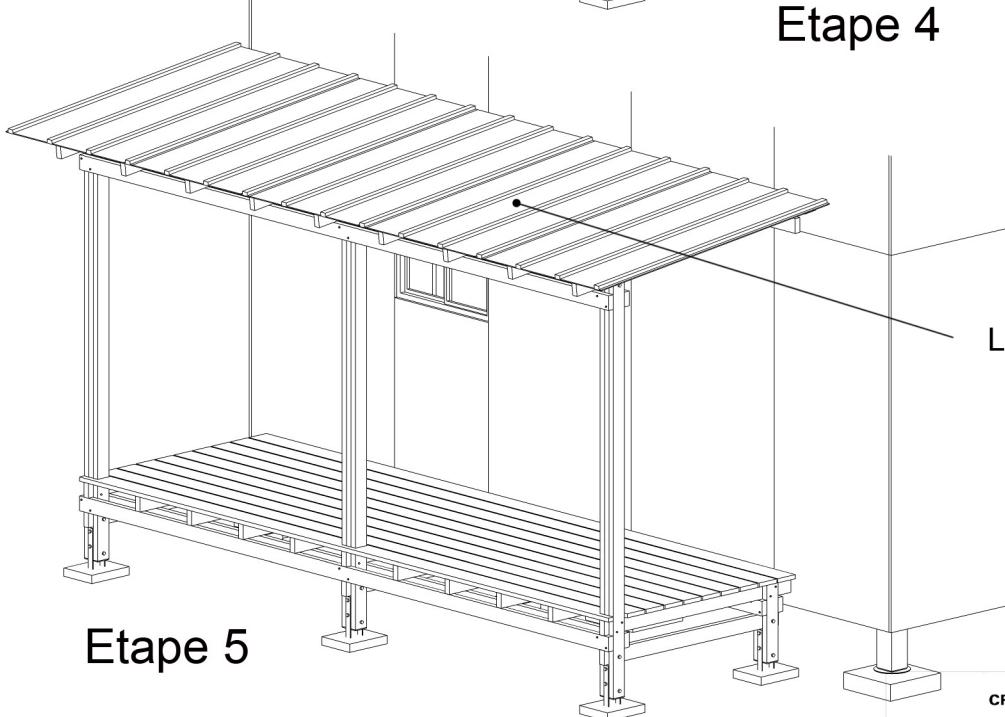
La traverse est de la même taille que celles pour le plancher. Elle est fixée avec 4 boulons dans la structure de la maison



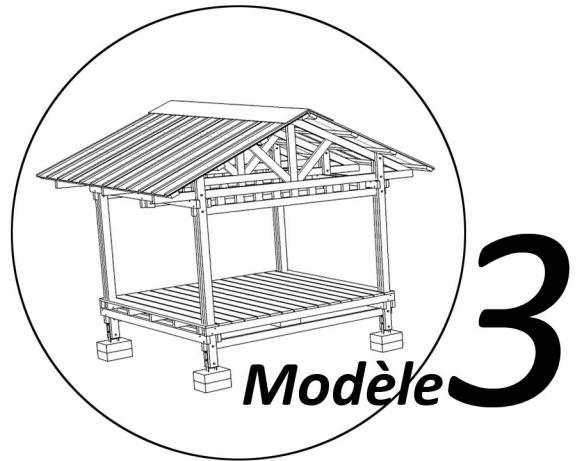
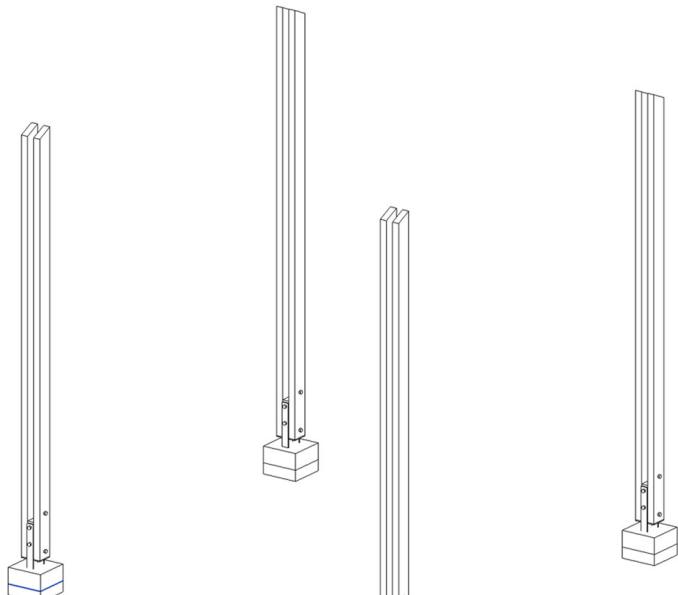
Etape 3



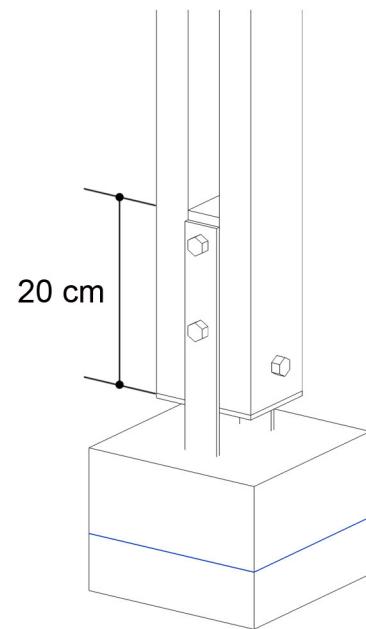
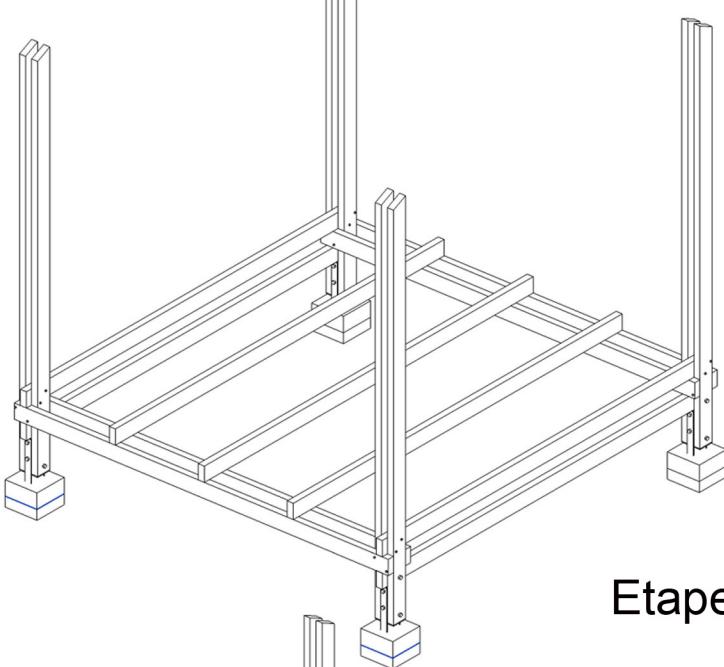
Etape 4



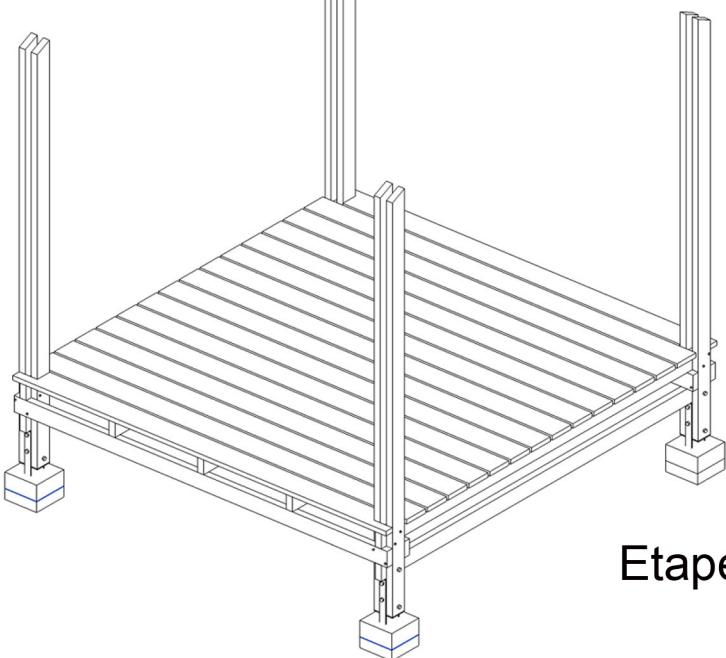
Etape 5



Etape 1

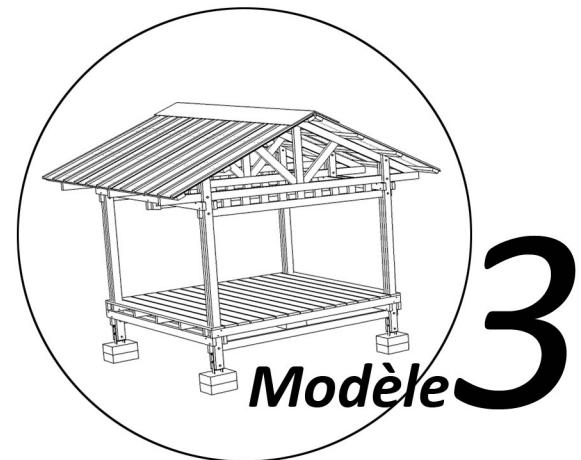
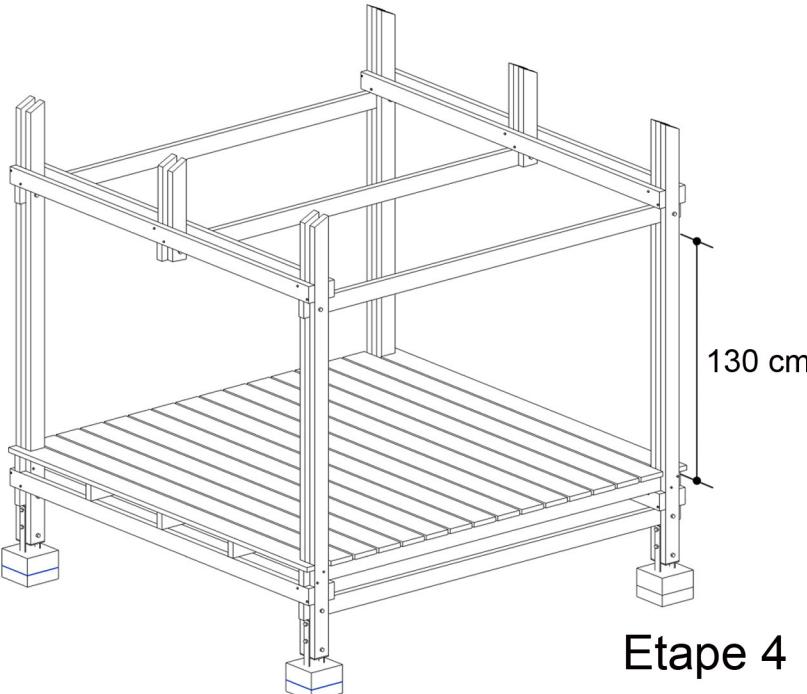


Etape 2

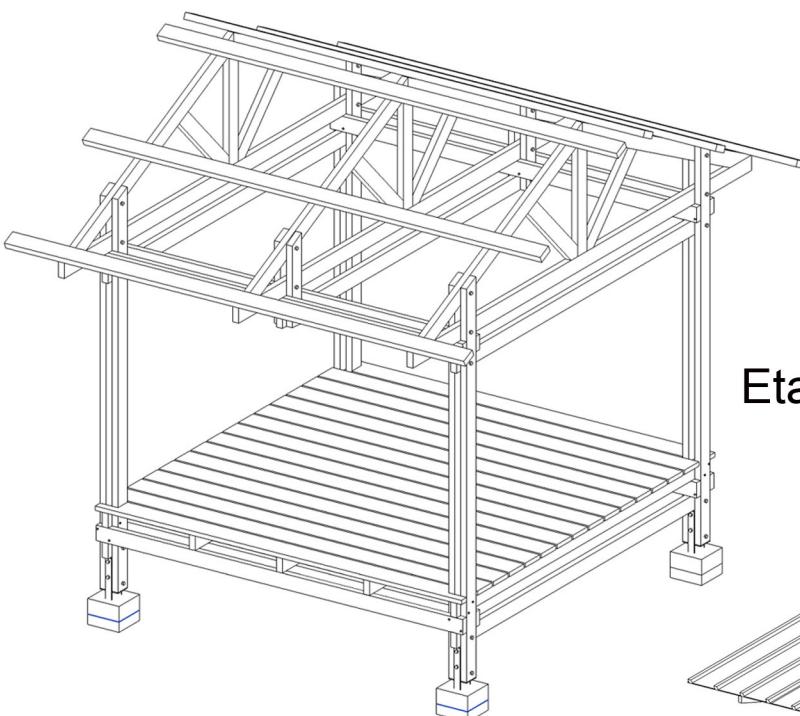


La mise à niveau des 4 poteaux
se fait à partir de la fondation la plus haute.
Le bout du milieu de cette fondation
doit être de 20cm

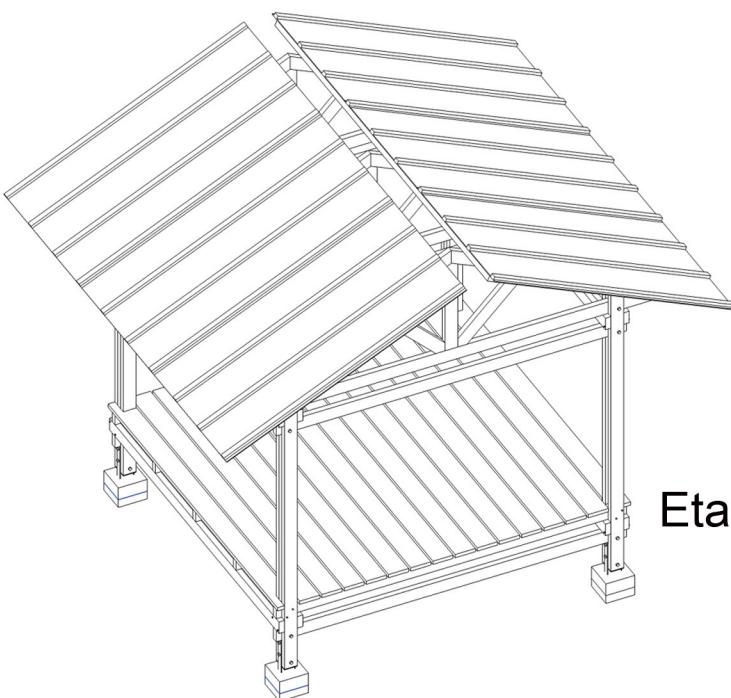
Etape 3



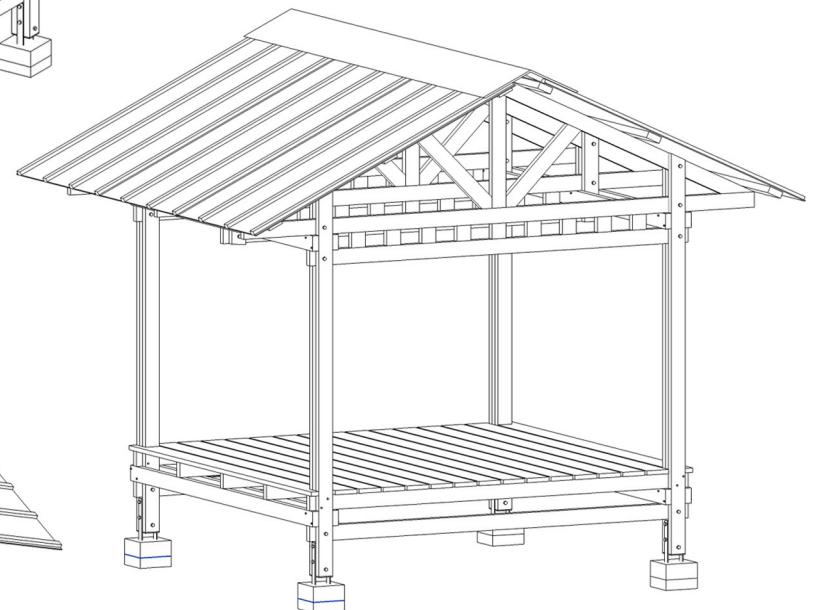
Etape 4



Etape 5



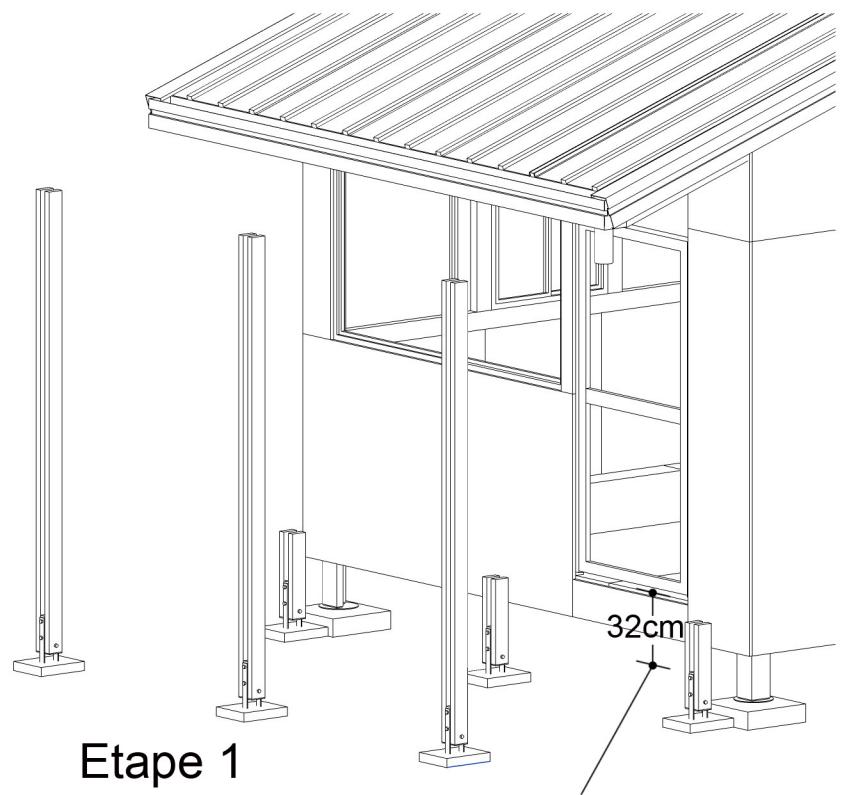
Etape 6



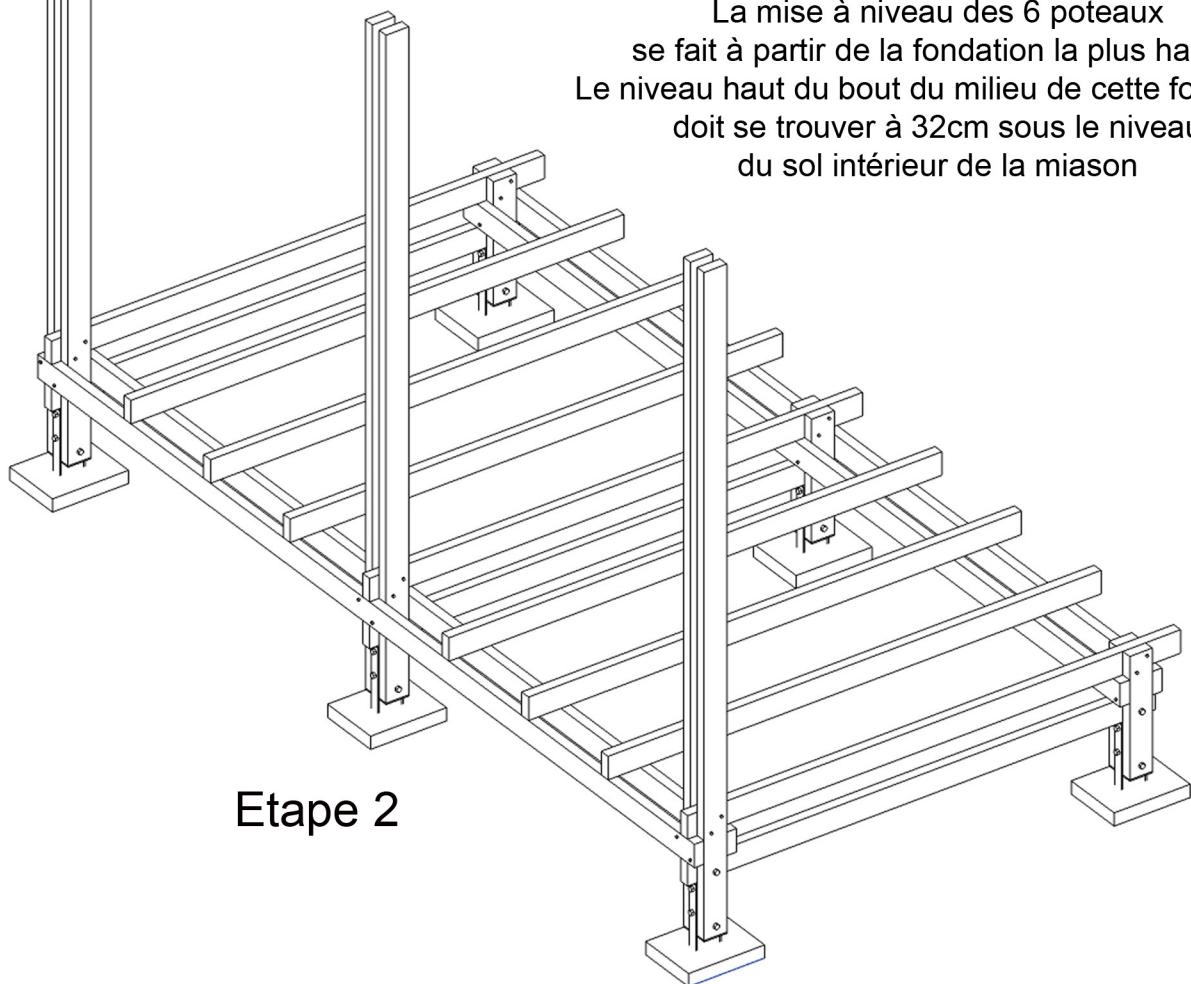
Etape 7



Modèle 1



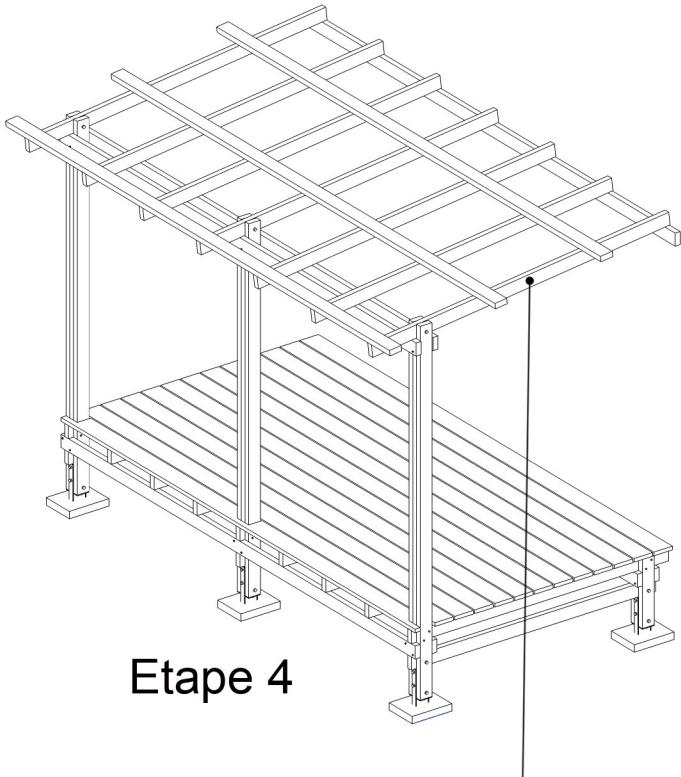
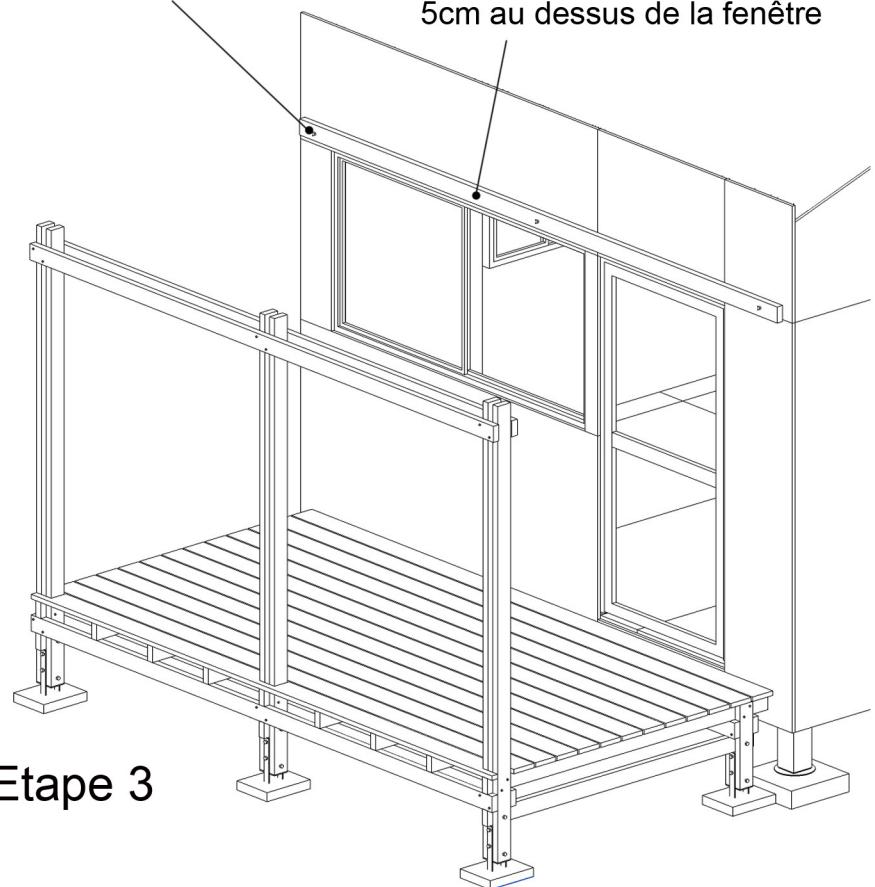
La mise à niveau des 6 poteaux
se fait à partir de la fondation la plus haute.
Le niveau haut du bout du milieu de cette fondation
doit se trouver à 32cm sous le niveau
du sol intérieur de la maison



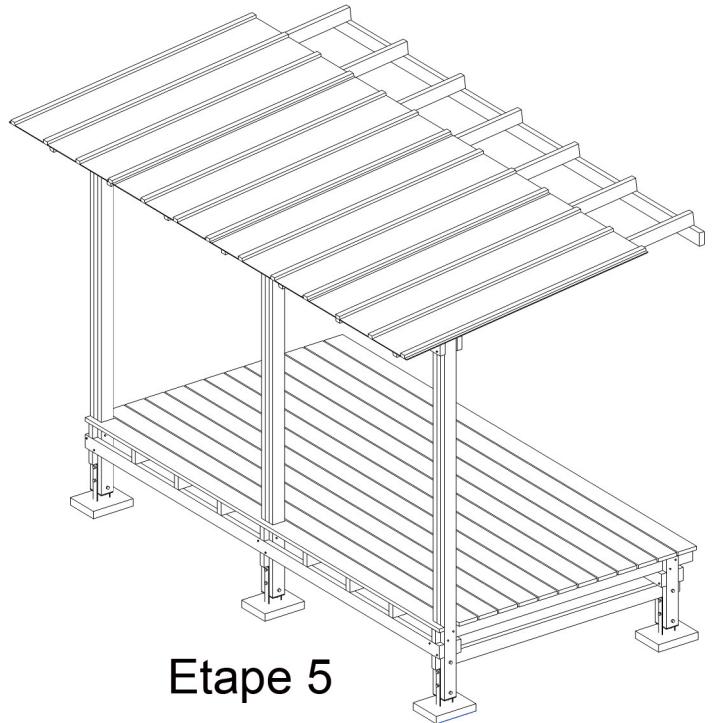
Modèle 1

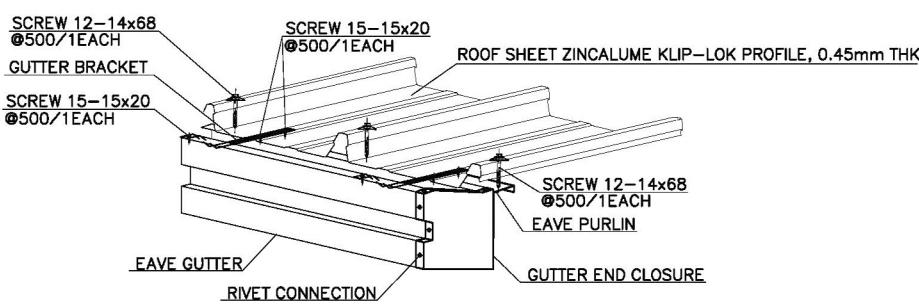
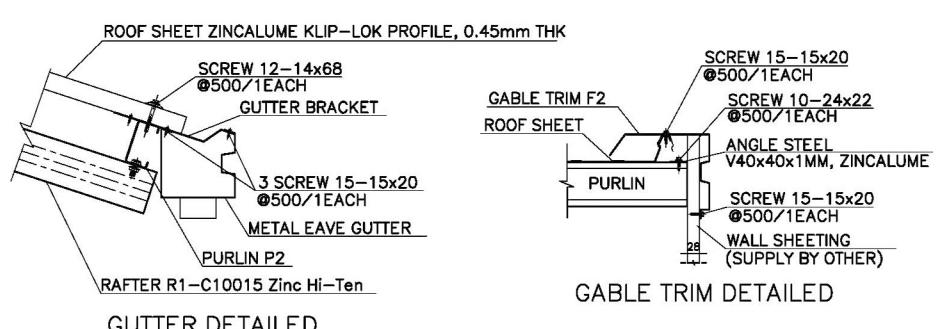
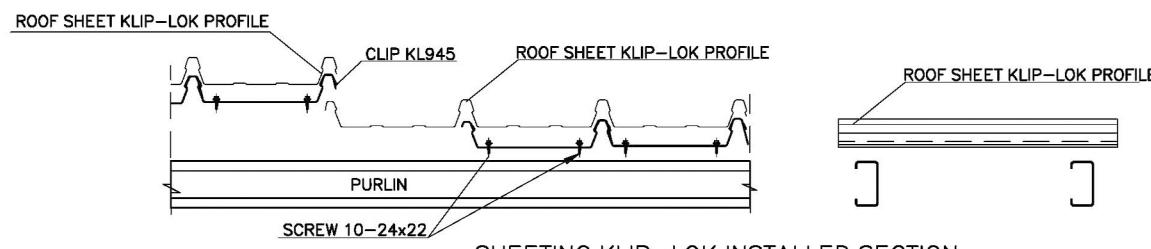
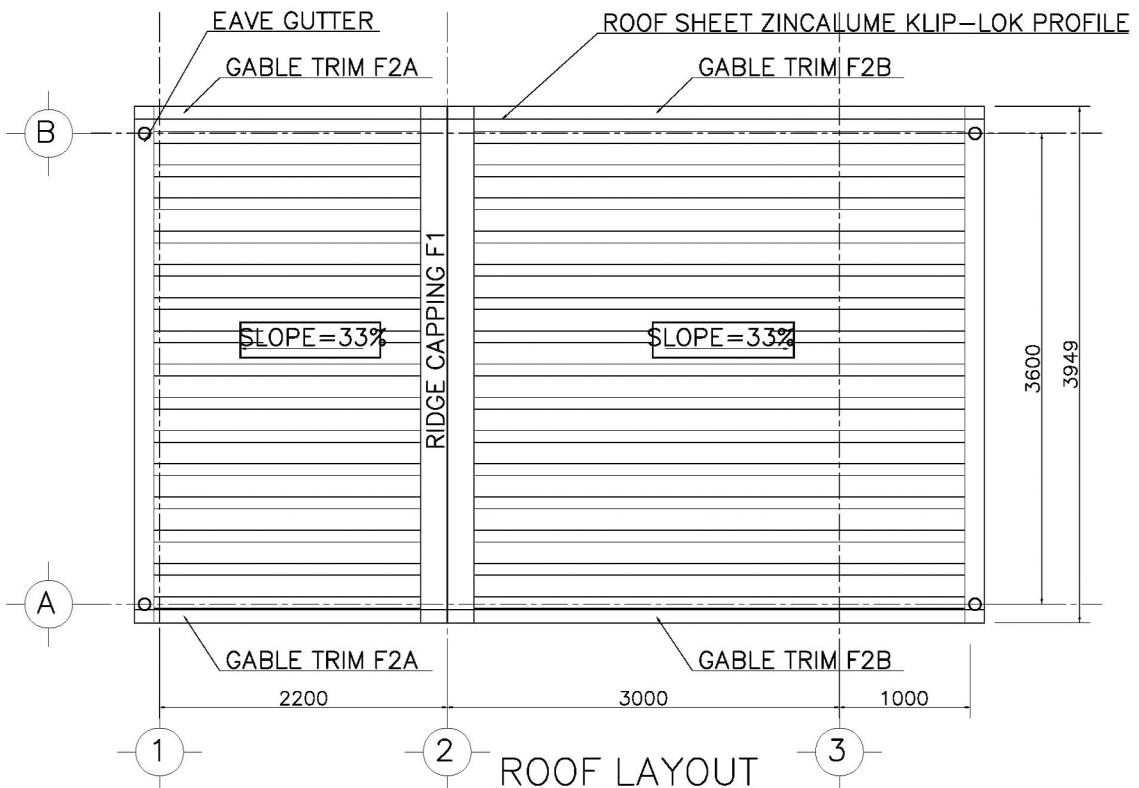
Boulon à 8 cm
du poteau intérieur

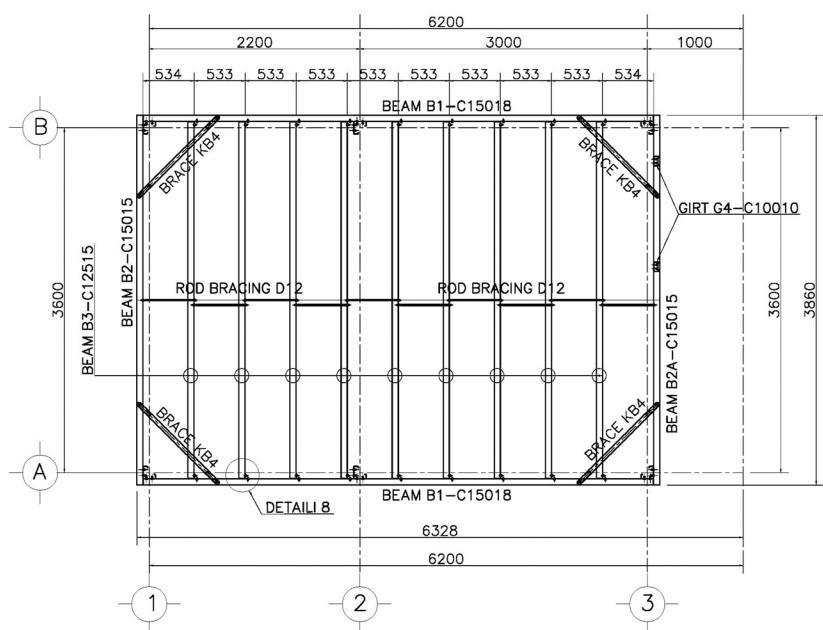
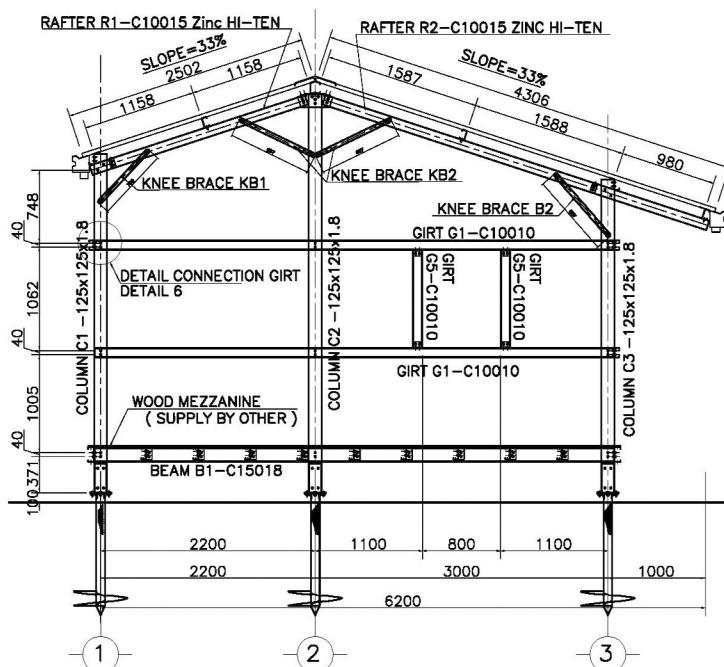
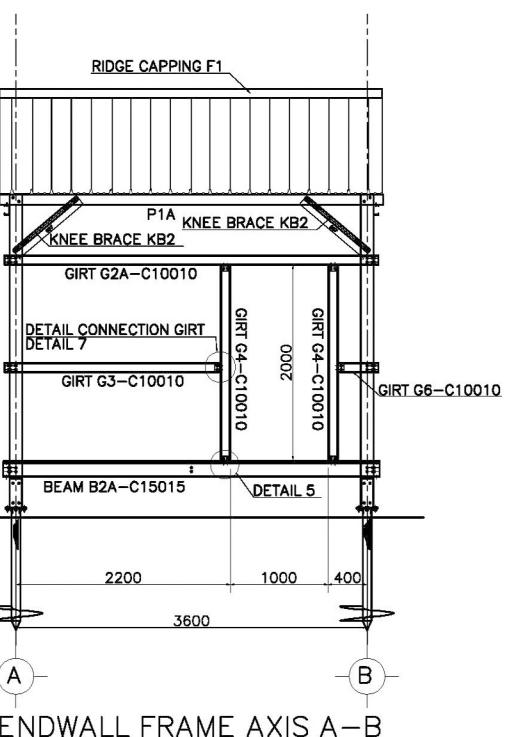
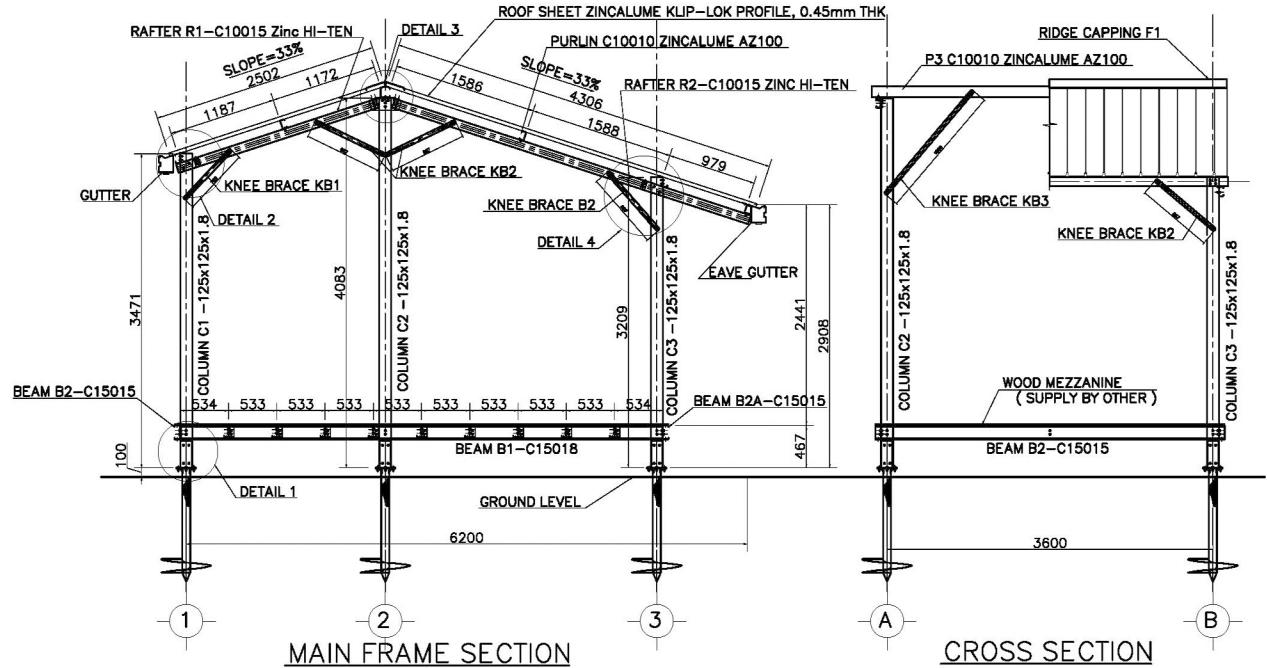
Traverse doit se trouver
5cm au dessus de la fenêtre

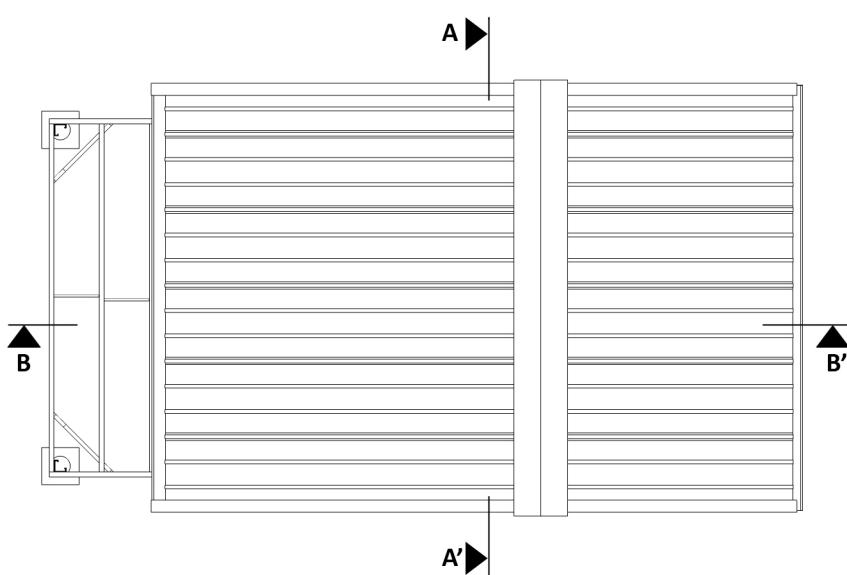
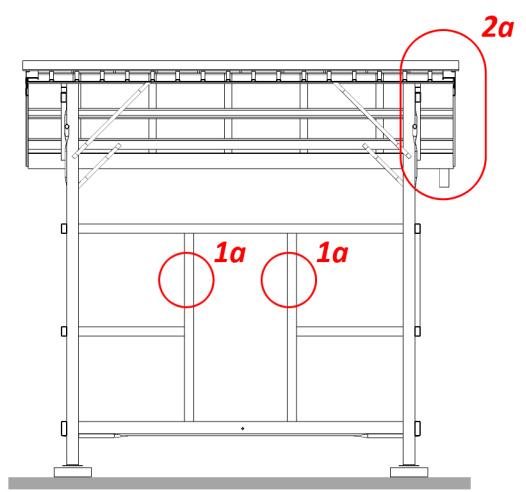
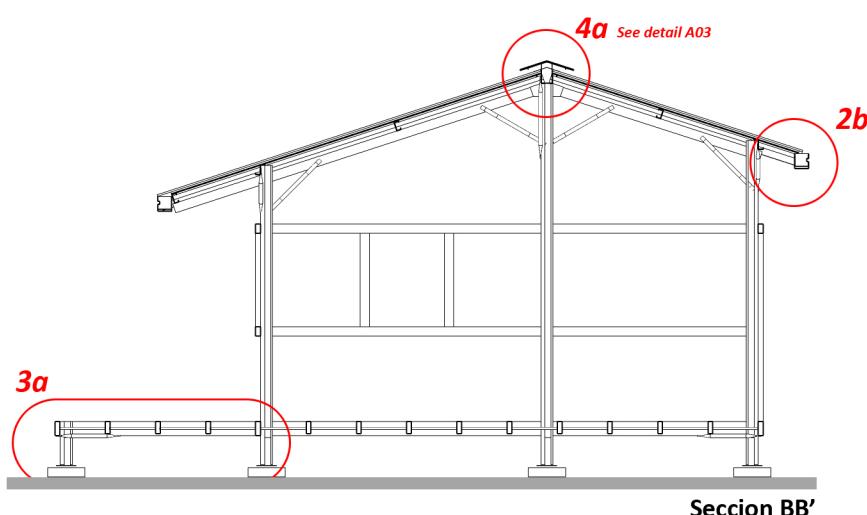
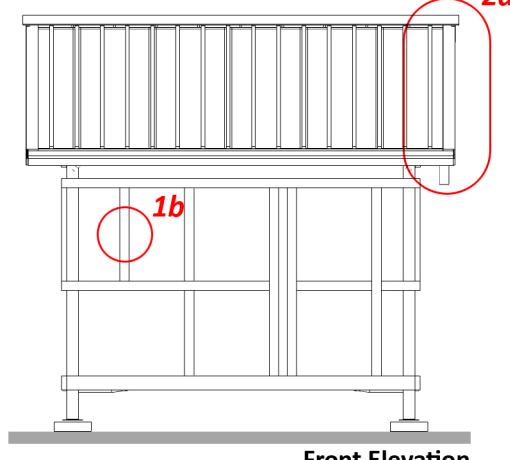
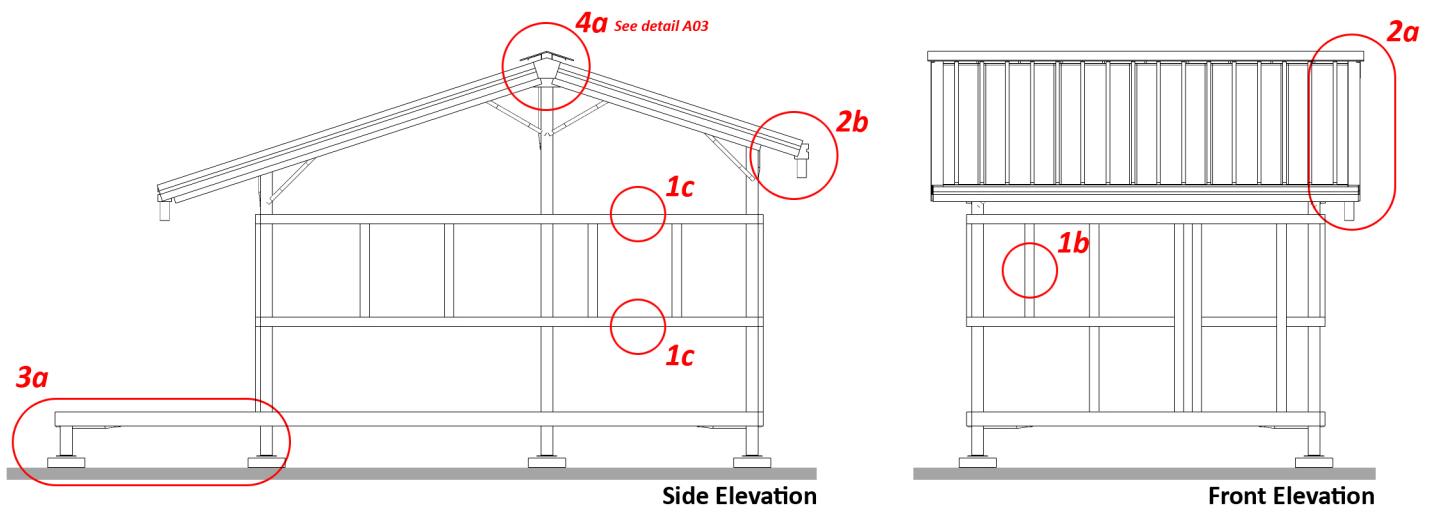


Le 1er chevron doit se mettre 10cm
sous la gouttière de la maison









1 Doors and Windows:

a Two additional G4 Girts could be added to the kit in order to facilitate the addition of a second door wherever it is desired. The G1/G2 Girt would be cut on site and holes drilled into the plinth B2/B1 Beam and into the top G1/G2 Girt depending on the location of the new door.

b An additional G5 Girt could be added to properly fix the front window.

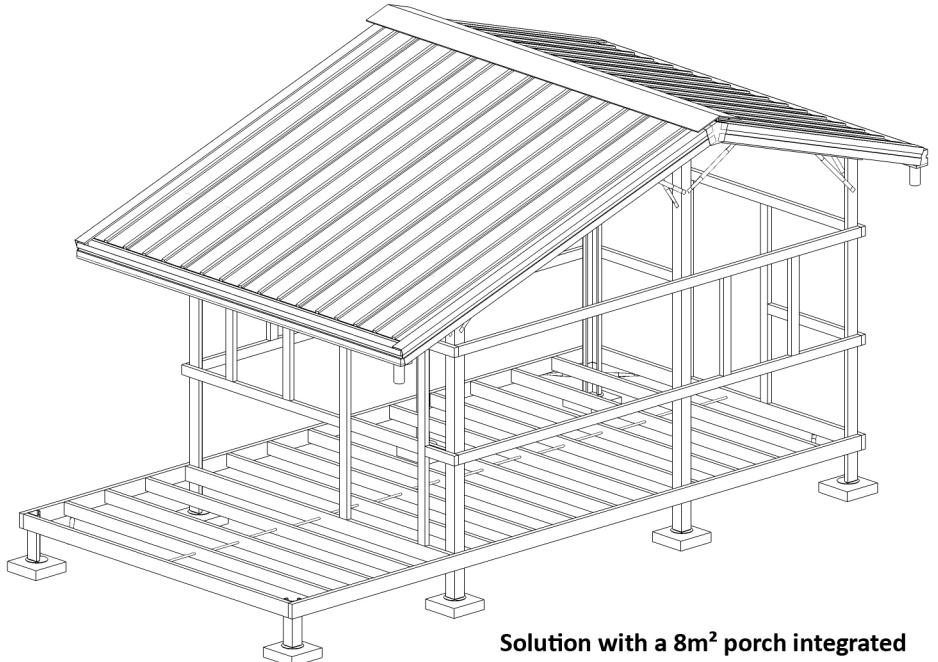
c The G1 Girt could have more pre-drilled holes so inhabitants could choose the location of their side windows.

remark In some contexts, the supply of the door and the three windows could be optional. When possible, local carpenters or steel welders could be directly contracted for providing all doors and windows desired. The use of local know-how, local materials and style will allow for better adaptability to the local context and better acceptance by inhabitants. Moreover, it will stimulate the local market and generate significant incomes and benefit economic impact for the local people.

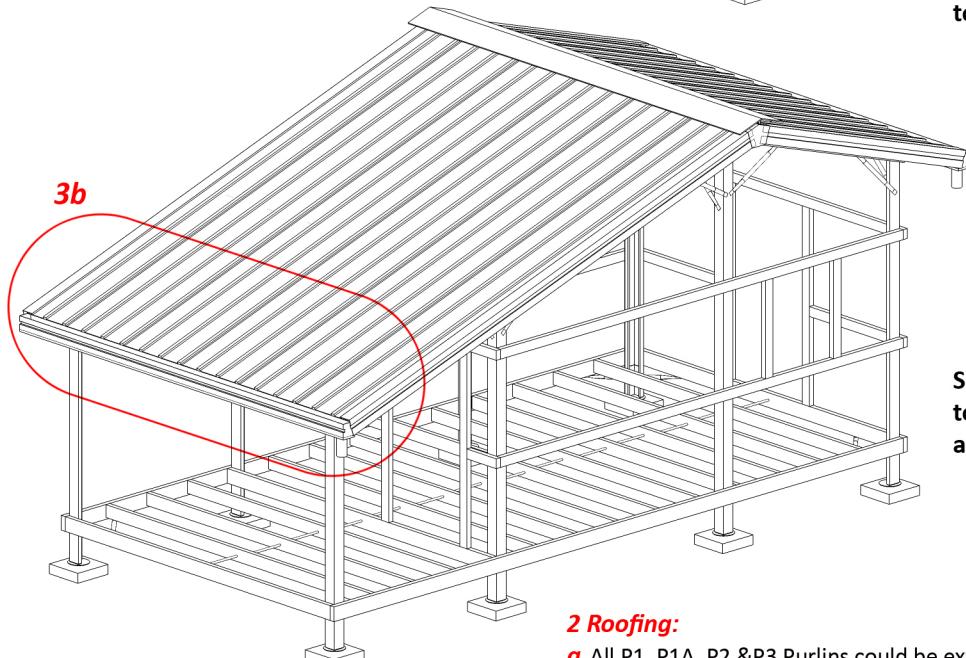
**Croix-Rouge suisse
Schweizerisches Rotes Kreuz +
Croce Rossa Svizzera**

Angle rues Villate & Dr Wallon,
Pétion-Ville, Haiti.
+509 3492-2780

Projet : Concept proposal for improving the house used in Palmiste à Vin	Echelle :
Date : 05/11/11	
Adresse :	Plan N°:
	A01
Dessiné par : Olivier Le Gall	



Solution with a 8m² porch integrated to the house structure



Solution with a 8m² porch integrated to the house structure covered with an extended roof

2 Roofing:

a All P1, P1A, P2 &P3 Purlins could be extended of at least 30cm in length on each side of the house toto create a roof that better protects the walls and windows from natural damages (water and sun).

b The two R1 Rafters could be also extended of at least 30cm in length on the back of the house to create a roof that better protects the walls and windows from natural damages (water and sun).

3 Porch:

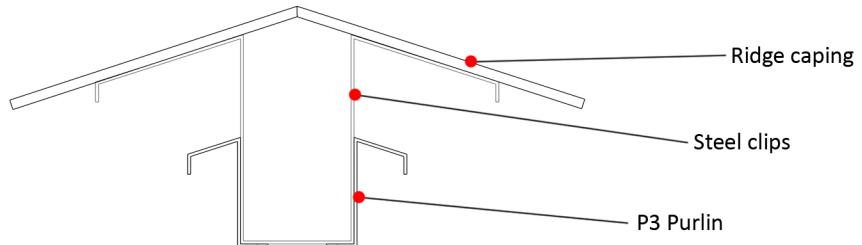
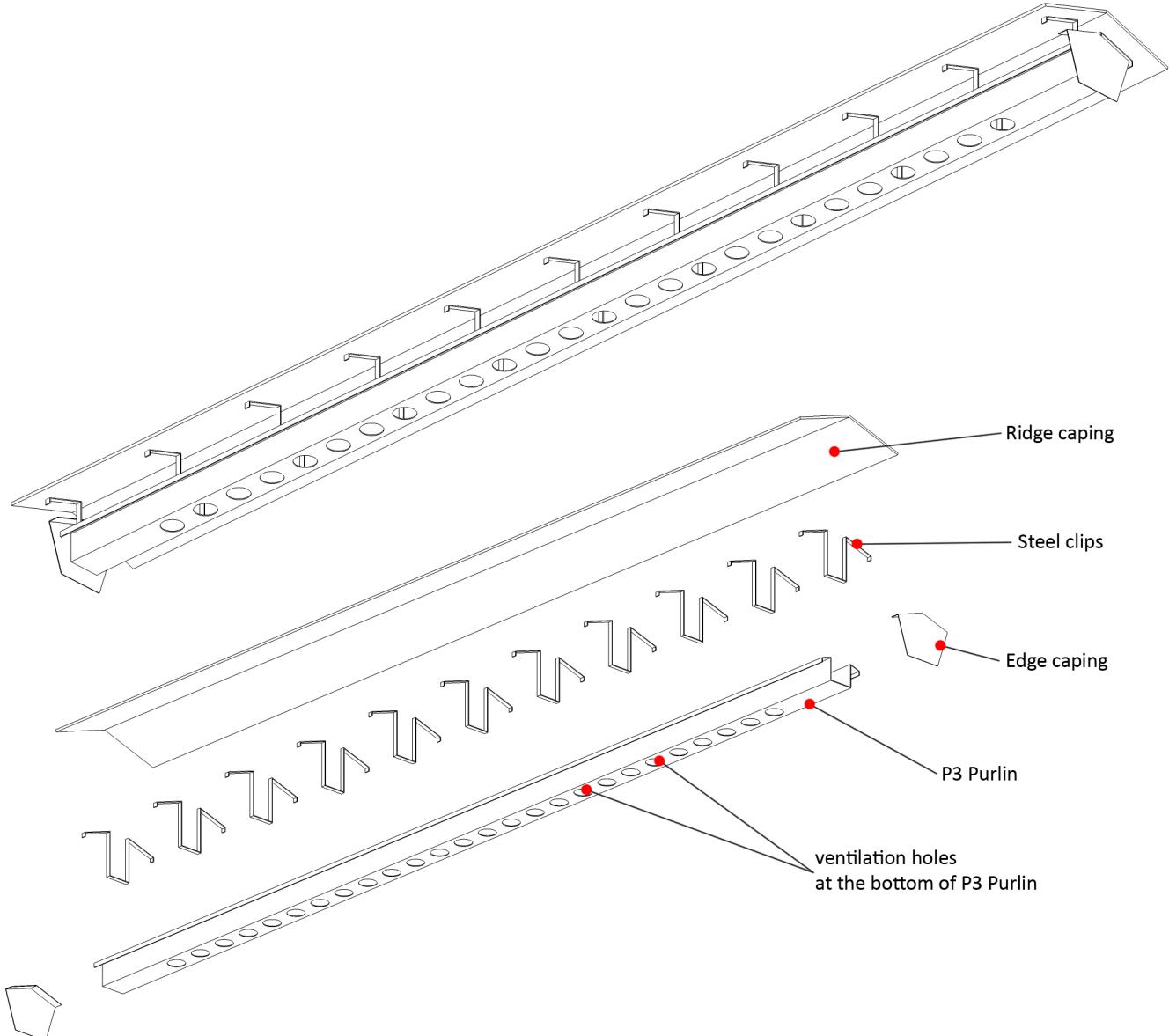
a The B1 Beams could be extended 2m in length and 4 B2 Beams + 4 D12 Rods Bracing can be added to extend the structural frame of the house creating a 8m² porch. 2 additional CB Column Brackets will be needed to support this new flooring structure.

b The overlapping roof that covers the porch could be extended to protect the entire surface of the porch against rain and sun. The R2 Rafter should be extended and 1 additional P2 Purlin and 2 Columns should be added.

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Projet : Concept proposal for improving the house used in Palmiste à Vin	Echelle :
Date : 05/11/11	
Adresse :	Plan N°:
	A02
Dessiné par : Olivier Le Gall	



4 Ventilation:

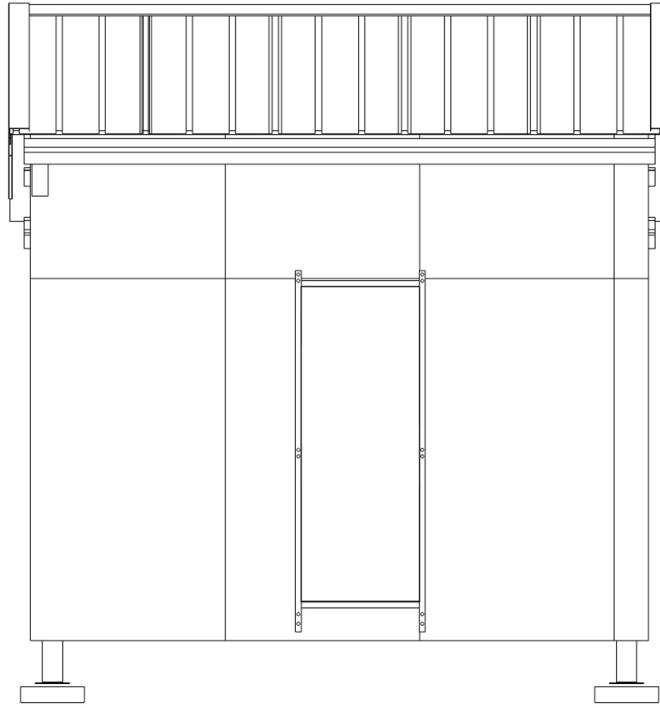
a The P3 Purlin and F1 Ridge Capping could be replaced by a system that allows for increased natural ventilation of the house by a chimney effect.

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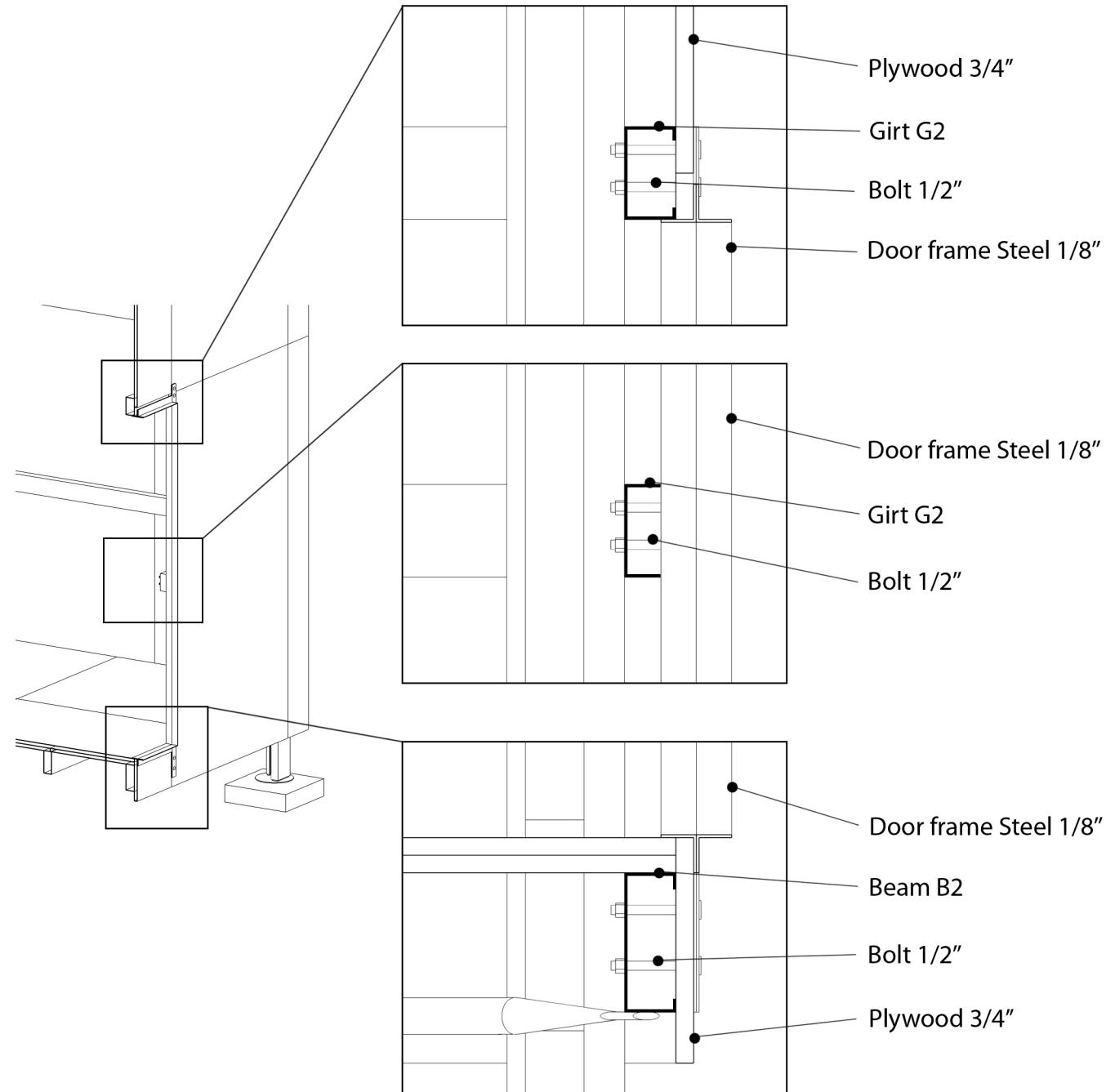
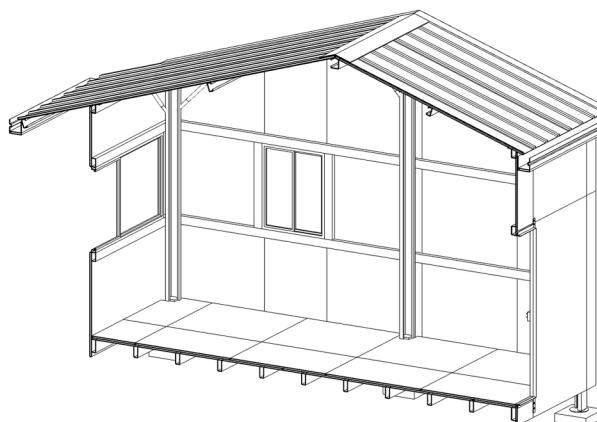
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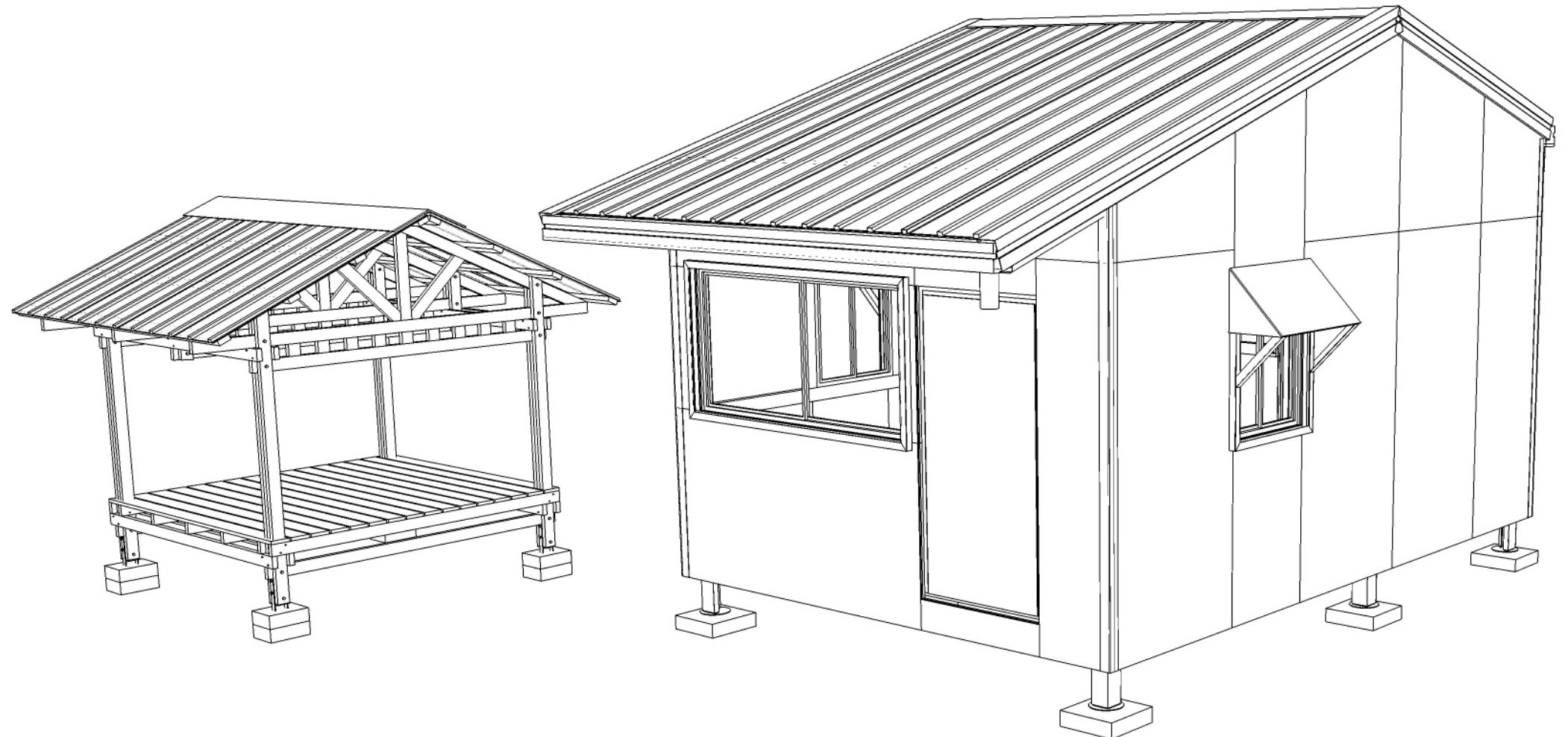
Projet :	Concept proposal for improving the house used in Palmiste à Vin	Echelle :
Date :	05/11/11	
Adresse :		Plan N°:
Dessiné par :	Olivier Le Gall	A03

Haiti 600 houses reconstruction projet
Construction details of an extra door frame

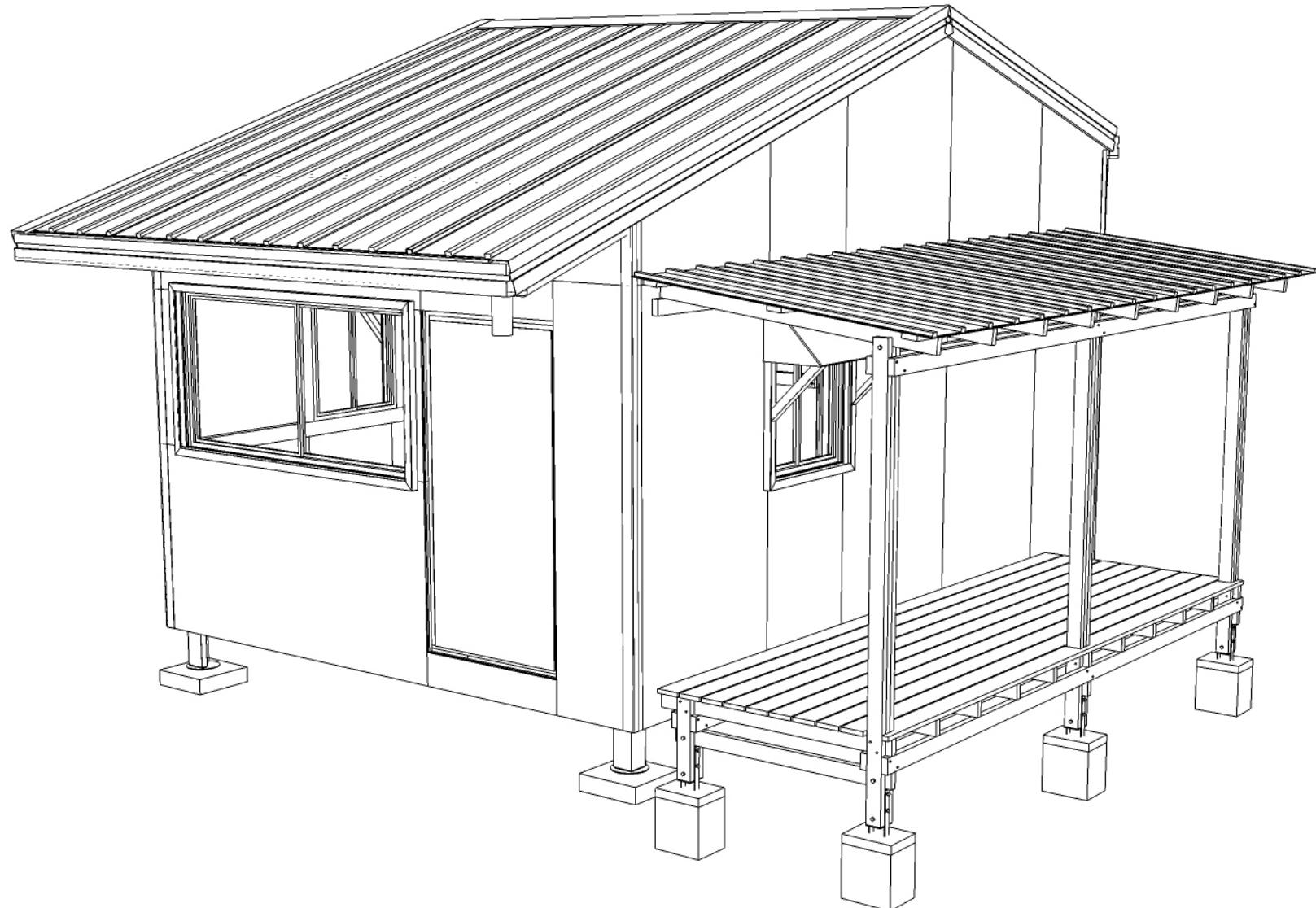


Door frame (steel 1/8") bolted to the house frame
sandwiching the plywood 3/4"





Projet de reconstruction de 600 maisons à Palmiste à Vin - PHASE II - Fondations Véranda

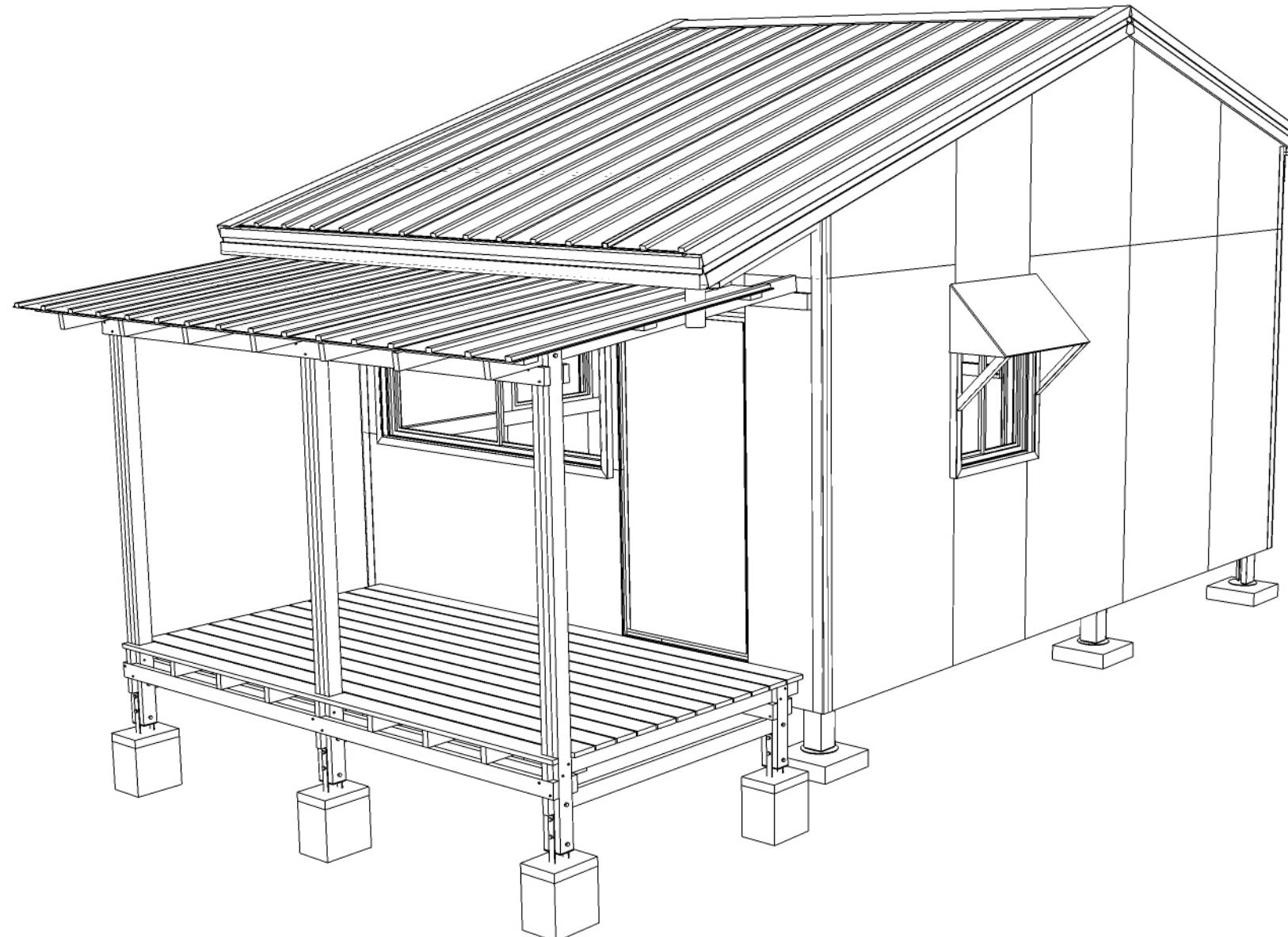


CROIX-ROUGE
de Belgique 

CROIX-ROUGE
HAITIENNE 

Croix-Rouge suisse
Schweizerisches Rotes Kreuz 
Croce Rossa Svizzera

Projet de reconstruction de 600 maisons à Palmiste à Vin - PHASE II - Fondations Véranda



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Schweizerisches Rotes Kreuz 
Croce Rossa Svizzera

Projet de reconstruction de 600 maisons à Palmiste à Vin - PHASE II - Fondations Véranda

