

**PTH**

# Container Camp in Philippine

1. Project number: PTX1C119
2. Date: 2013
3. Location: Philippines
4. Project scale: 34 20-foot container houses
5. Product type: Container house
6. Function: camp quarters and offices
7. Project features: container + light steel roof model, large space utilization rate, campsite solution with integrated office and living functions.



# Project design



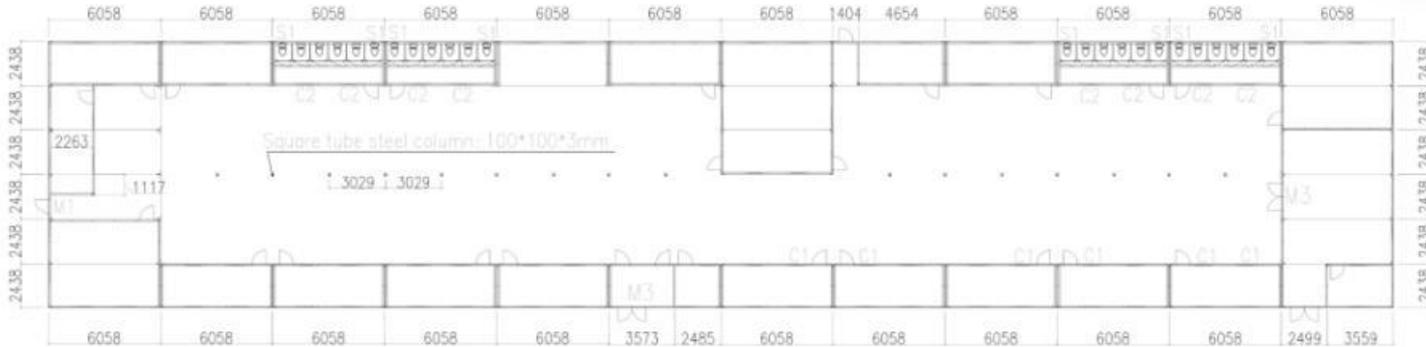
PTH owns 100+ architect and engineers at home and abroad, to provide customized design service for client with different requirements. We use the relevant information data of construction projects as the basis of the model to build the building model, and simulate the real information of the building through digital information simulation.

At present, we have finished the Revit research and development of company's products, laying a solid foundation to finish design effectively and accurately and also presenting details and three dimensional effects of our company's products to customers.

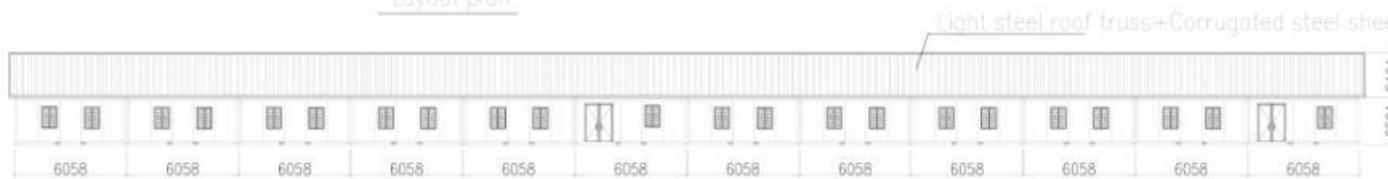
Project characteristics: The containers used in this project are all standard flat pack, and one floor containers are combined and installed. The Philippines, where the project is located, has a monsoon tropical rainforest climate with high temperature, rain and high humidity. For this reason, the PTH designer proposed adding a light steel roof to the overall container combination to avoid direct sunlight and prevent rainwater from leaking.

The designer planned the space reasonably. The container camp is divided into an office area and a living area. A large office, an independent office, a worker's dormitory, a toilet, and a shower room are set up.

# Project design



Layout plan



Front Elevation



Back Elevation



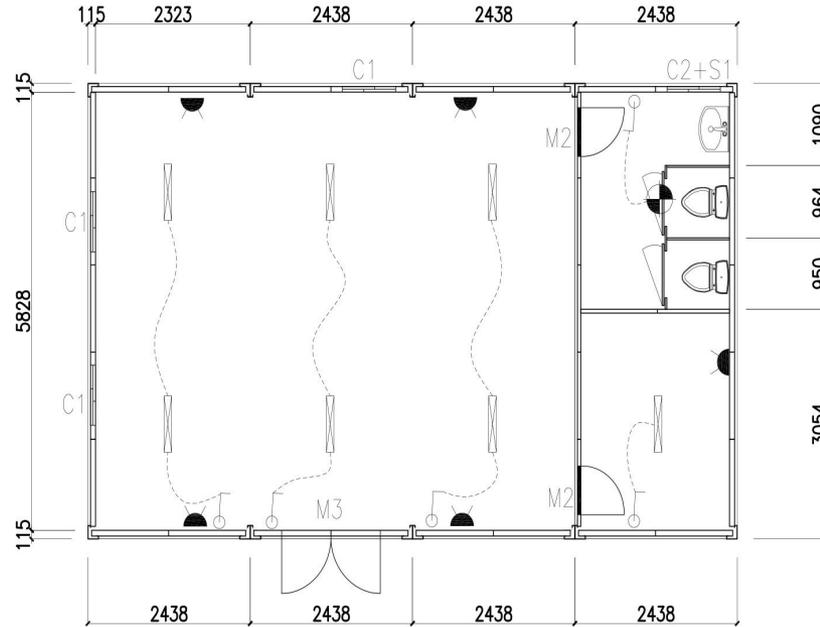
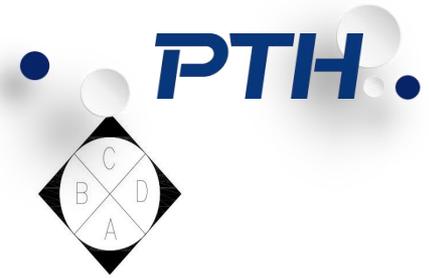
Left Elevation



Right Elevation

The preliminary design is made in accordance to client's requirement and local building code. After getting the permission by local authority, PTH will do the shop drawing for production.

# Project design



-  The height position for switch:H=1200mm
-  The height position for socket:H=300mm

- M3 Double open Steel security door: 1500mm\*2050mm
- M2 Sandwich panel door: 650\* 1950mm
- C1 PVC sliding window+Roller shutter: 800mm\* 1100mm
- C2 PVC window (with patterned): 800mm\* 400mm

S1 Ventilation fan: 250\*250mm (with PVC frame)

Outside wall: 75mm thickness EPS sandwich panel, both two sides are : 0.42mm thickness colorbond steel sheet, EPS density:12kg/m<sup>3</sup>

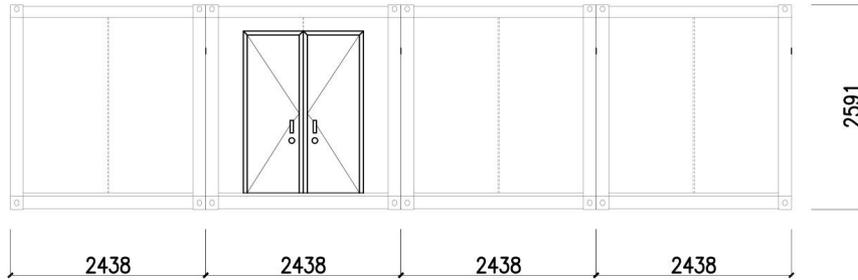
Inside wall: 50mm thickness EPS sandwich panel, both two sides are : 0.42mm thickness colorbond steel sheet, EPS density:12kg/m<sup>3</sup>

Floor: Cement-fiber board+PVC floor sheet(toilet room)/Plywood panel+PVC covering floor sheet

Logo	Item	Standard (Specification)
	Fluorescent lamp	220V, 40W Chinese Standard
	Ceiling light	220V, 18W Chinese Standard
	Switch	Chinese Standard
	Distribution box	Chinese Standard
	Socket	10A, Chinese Standard

**URL : [www.pthouse.com](http://www.pthouse.com) / [www.putianhouse.com](http://www.putianhouse.com)**  
**E-mail : [inquiry@putianhouse.com](mailto:inquiry@putianhouse.com)**

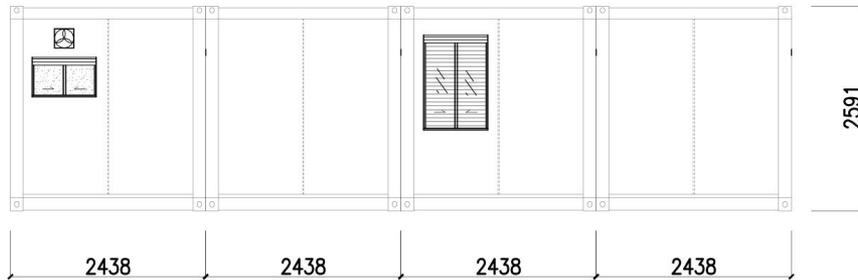
# Project design



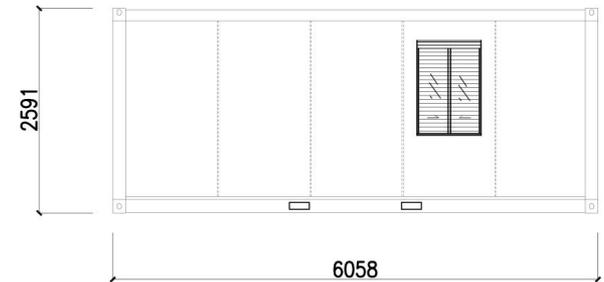
A



B



C



D

# PRODUCTION & DELIVERY



## PROCUREMENT :

PTH has a mature procurement supply chain, including product raw materials, kitchen and bathroom accessories, home equipment and other supporting facilities. Each year, PTH conducts quality assessments of suppliers, resolutely rejects unqualified suppliers, and guarantees the quality of products from the source.

## PRODUCTION :

PTH owns hundreds of fully automatic mechanized production lines, which ensures high production efficiency and timely delivery. In the manufacturing process, PTH can provide production progress reports to customers through pictures and video. PTH has a professional quality inspection team which takes strict quality control in each process, and make sure defect product never be delivered to client.

## TRANSPORTATION :

PTH, who has more than 20 years of international logistics experience. can provide customers with the best transportation routes, customs declaration, commodity inspection and other services, and truly realizes "door to door."



# PRODUCTION



Quality is the life of a enterprise and the foundation of sustainable development. PTH strictly follows the ISO9000 quality system and make quality control in each process from material procurement to finish product delivery.

For the outsourcing raw material and accessories, it is reported to the ICQC team for inspection. ICQC will inspect according to “Raw Material Inspection Regulations” , make sure the material technical specs and quality meets GB standard, then upload the inspection record, QC document and test report to ERP system.

# PRODUCTION



PTH makes random inspection system for the manufacturing process. IPQC makes daily random inspection according to the quality requirement of each order, so as to avoid defect products.

The production team also set up process quality report system. Only those qualified products can be transferred to the next process.



## PACKAGE & LOADING

PTH makes the most reasonable package plan according to the structure characteristics and quality requirement. The modular package design of the spare part effectively reduce the package volume. The spare parts of each module is packed in a separate package, these small package modular combination ensures a easy transportation and installation, which in return makes the loading and unloading much easier, and greatly reduces labor cost.



# INSTALLATION



PTH will provide complete and detailed installation drawings for the product. PTH has professional photography and post-production personnel who can provide installation videos for the product and intuitively demonstrate the installation steps and installation details of the product.

PTH owns on-site installation guidance experience for dozens of projects such as Mozambican light steel villa resorts, Chilean container camps, etc. It can provide EPC construction services and technical guidance according to the needs of customers to ensure the smooth and safe construction of the houses required by customers and realize real "Check-in".



# INSTALLATION

**PTH.**



# INSTALLATION



# INSTALLATION



# INSTALLATION



# INSTALLATION



# INSTALLATION



# CLIENT FEEDBACK



We use BIM system to manage and operate the whole project. For the maintenance, PTH provide online technical support or maintenance service on the site per client requirement.

The customer and PTH are long-term cooperation customers. They have placed orders for containers and steel structure products many times. They trust the quality and delivery speed of PTH products.

## Project picture



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# Project picture



# Project picture

