

HITHADHOO ECOTOURISM PROJECT - VISITOR'S CENTER

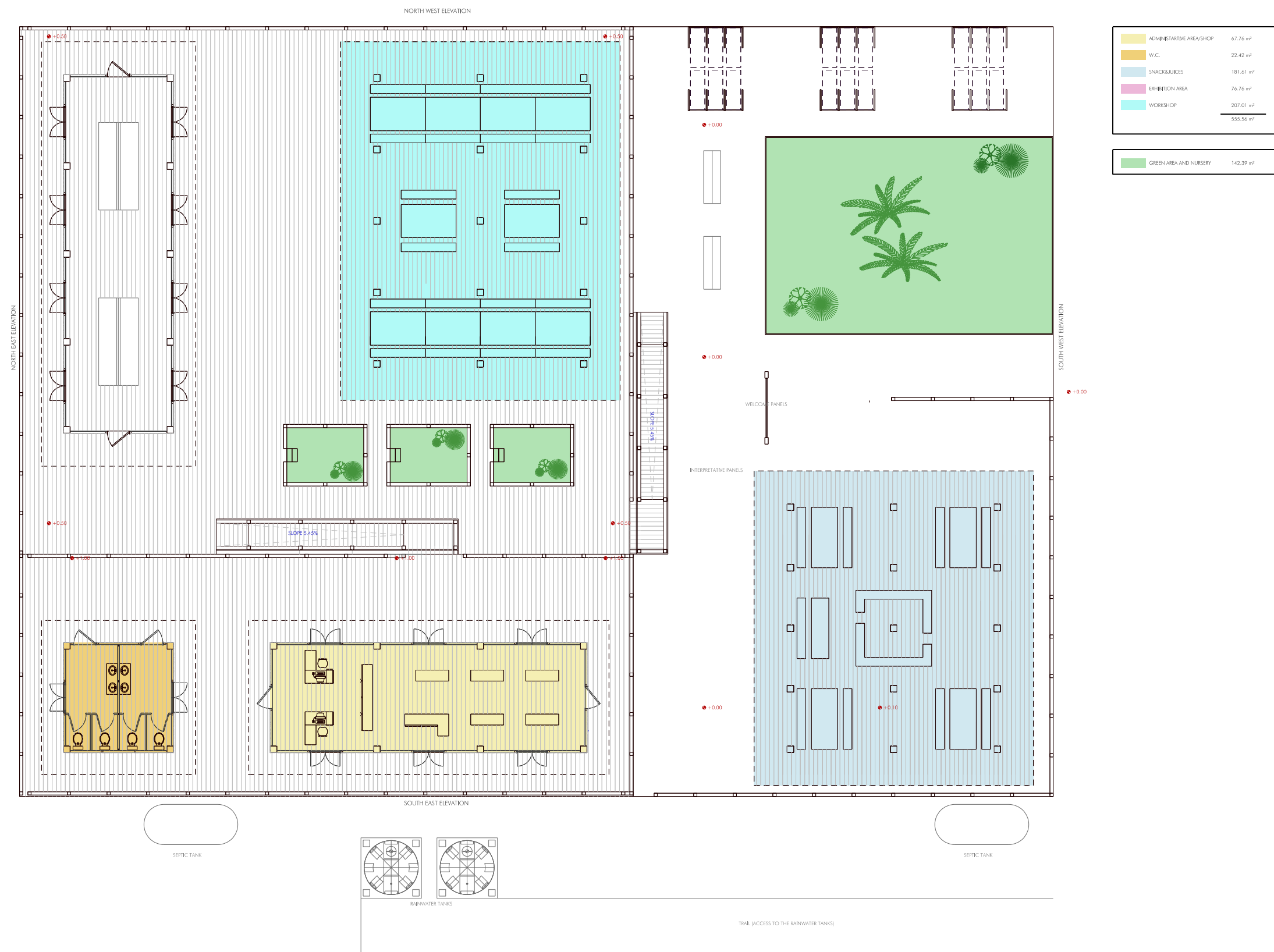
Important notes:

- Contractor may use Tualang timber instead of Balau or Teak wood.
- Where Pine wood is specified, contractor may use Pine wood.



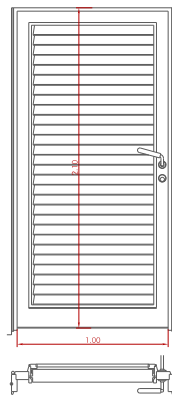
- ACCESS CONTROL AND FENCING**
- ACCESS CONTROL
 - BOLLARD
 - RANGER HUT
 - FENCING
- TRAIL REFURBISHMENT**
- RED ROUTE
 - YELLOW ROUTE
- ECOTOURISM FACILITIES**
- VISITOR CENTRE
 - BIRD OBSERVATORY
 - BOARDWALK
 - ▲ PICNIC AREA
 - VIEW POINTS



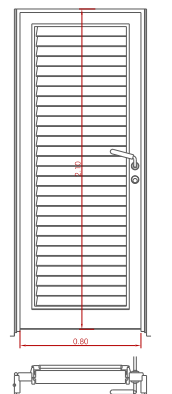




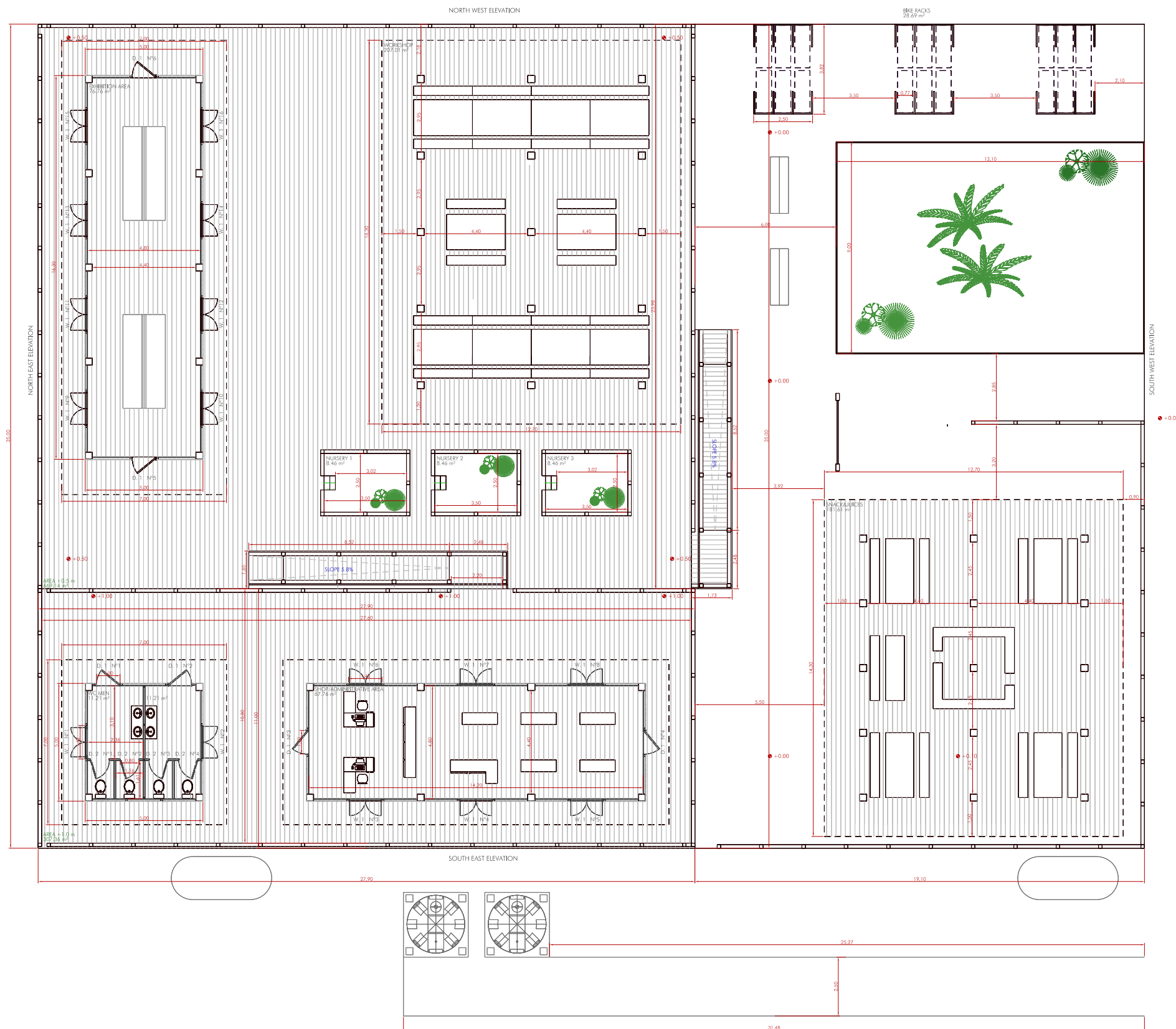
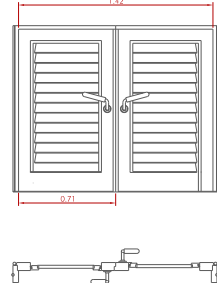
DOOR TYPE D1
6 UNITS



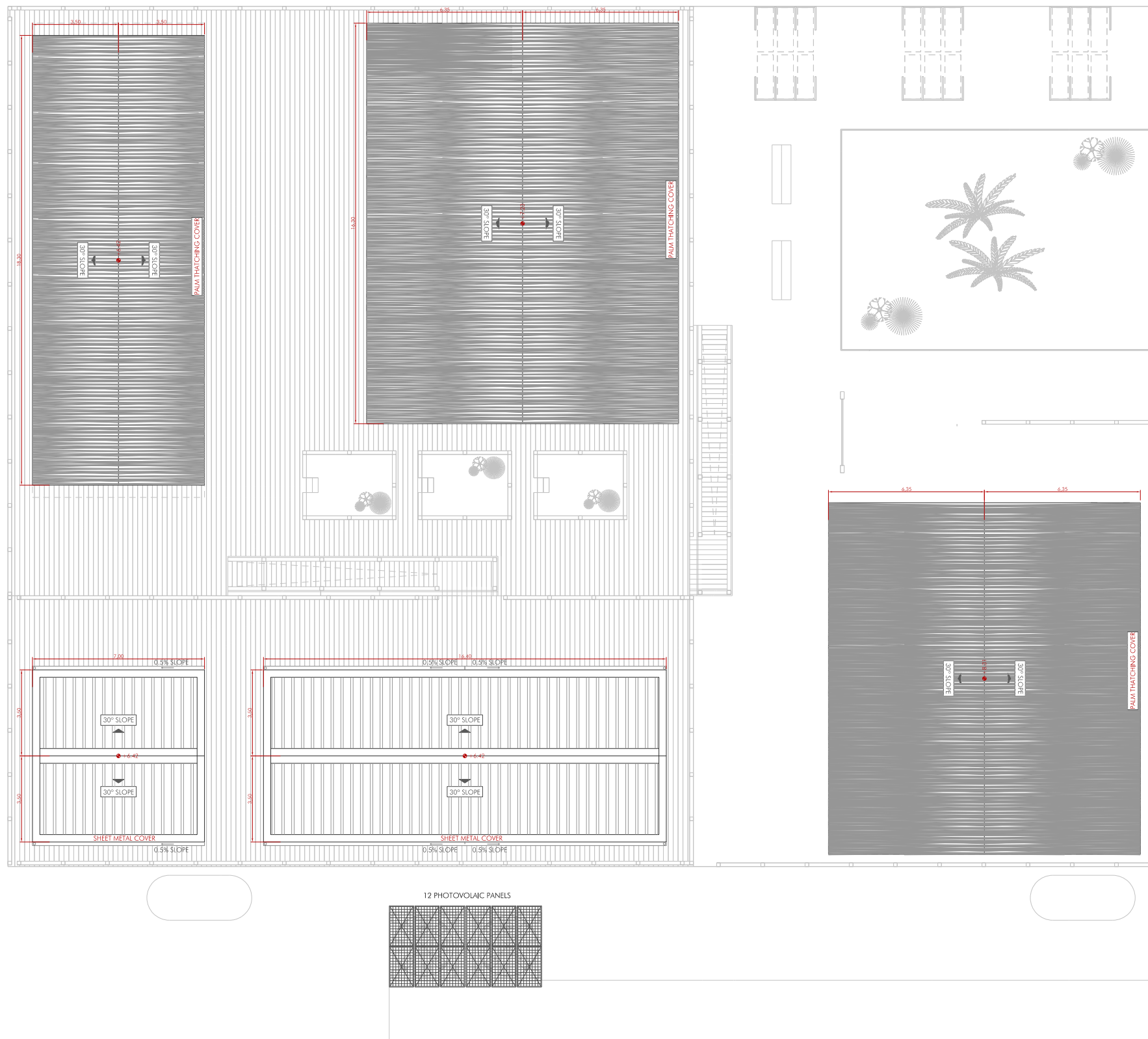
DOOR TYPE D2
4 UNITS

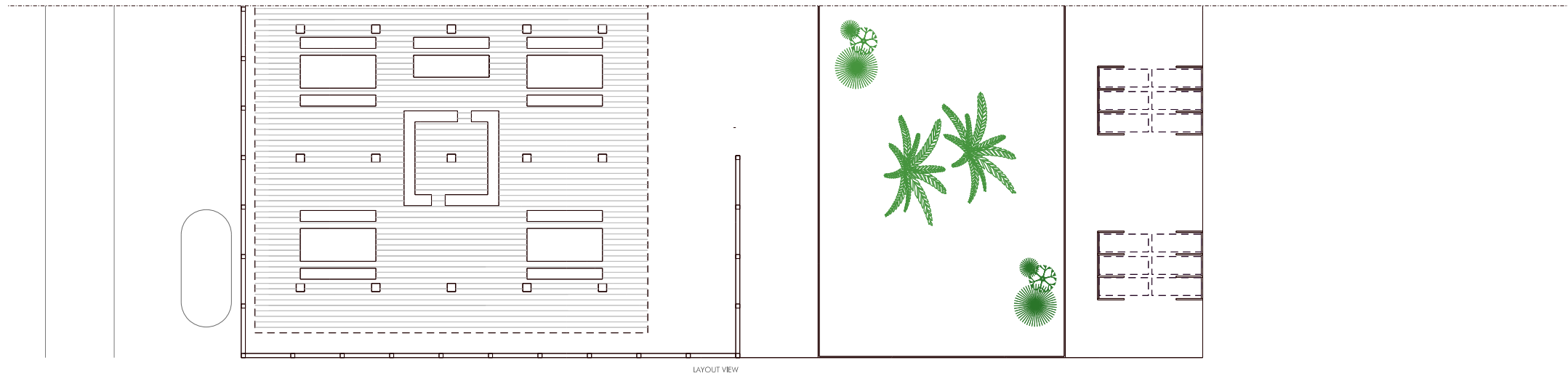


WINDOW TYPE W1
16 UNITS

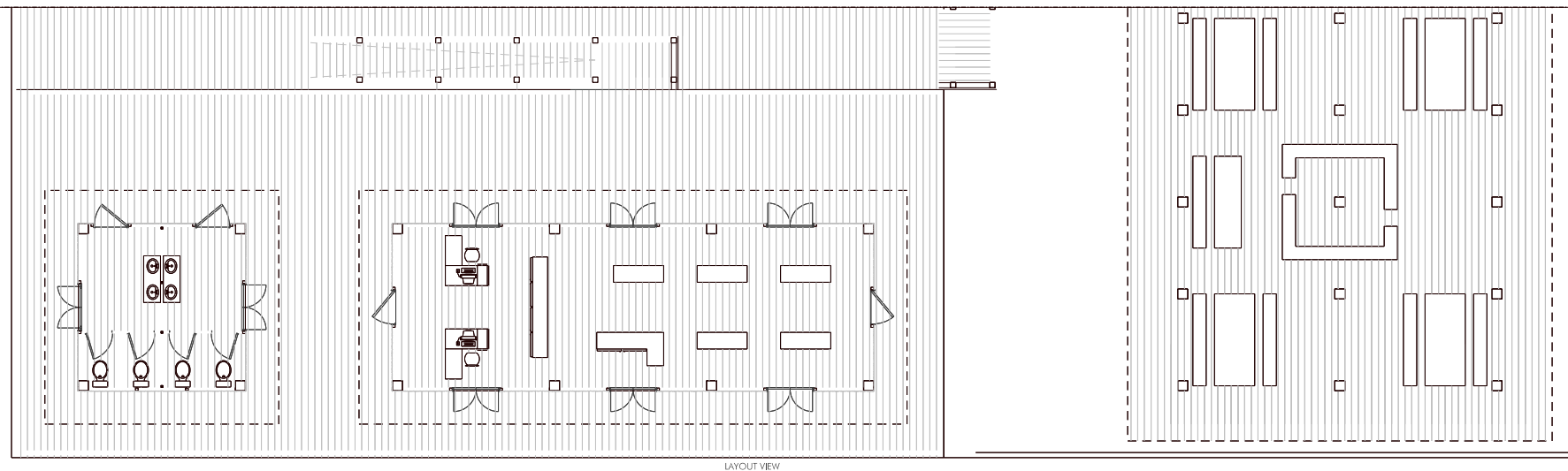
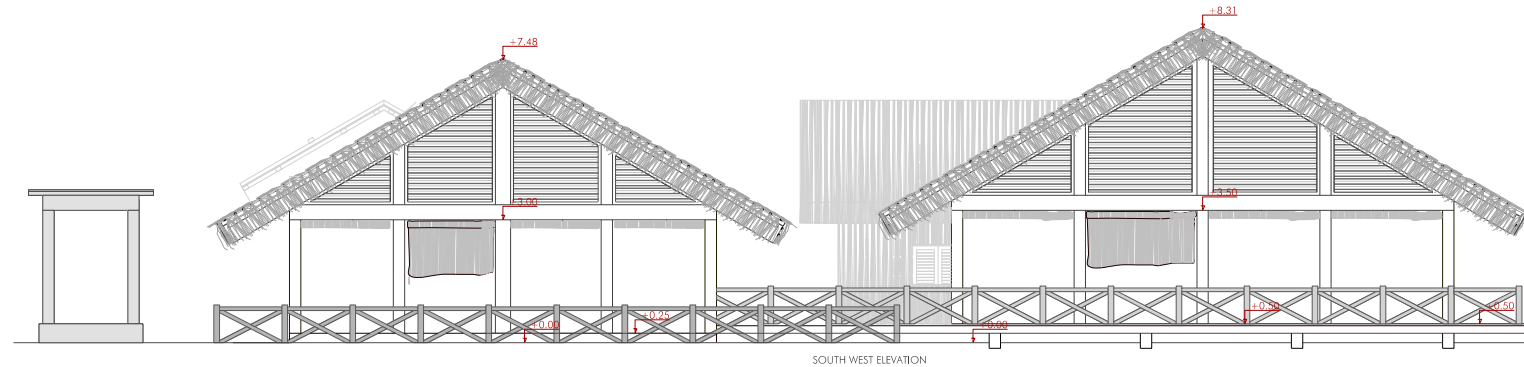


● +0.50	ELEVATION
AREA +0.5 m 669.14 m²	ZONES WITH DIFFERENT ELEVATION +0.00, +0.50, +1.00
EXHIBITION AREA 76.78 m²	AREA OF CONSTRUCTIONS +0.00, +0.50, +1.00
D.1, N°1	DESCRIPTION OF DOORS
TYPE OF DOOR NUMBER OF UNITS	
W.1, N°1	DESCRIPTION OF WINDOWS
TYPE OF WINDOW NUMBER OF UNITS	
RAILING	

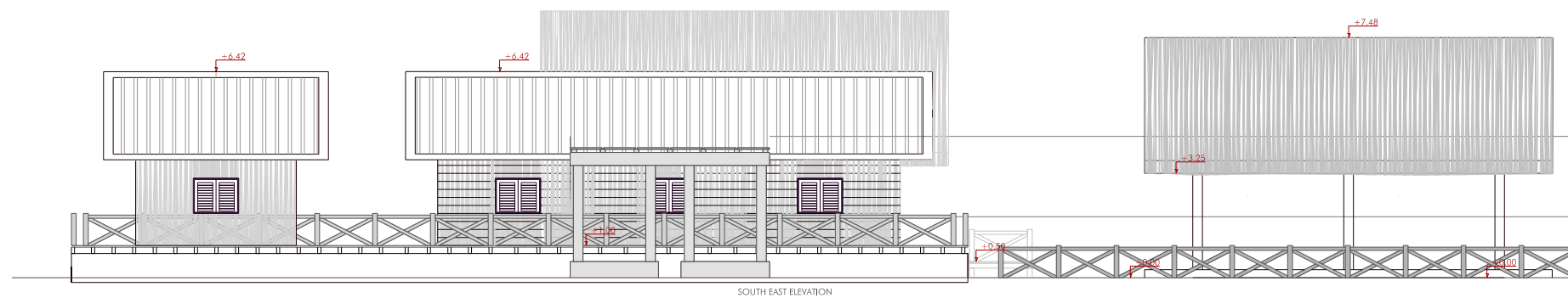


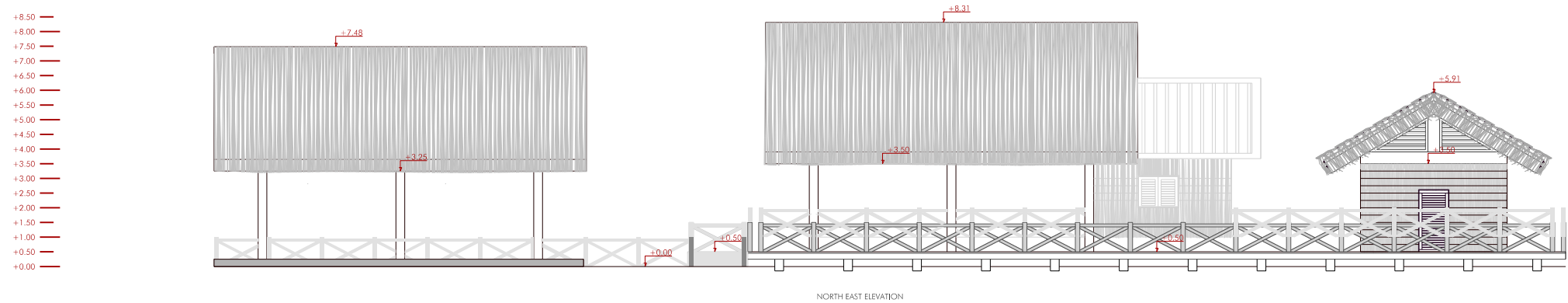
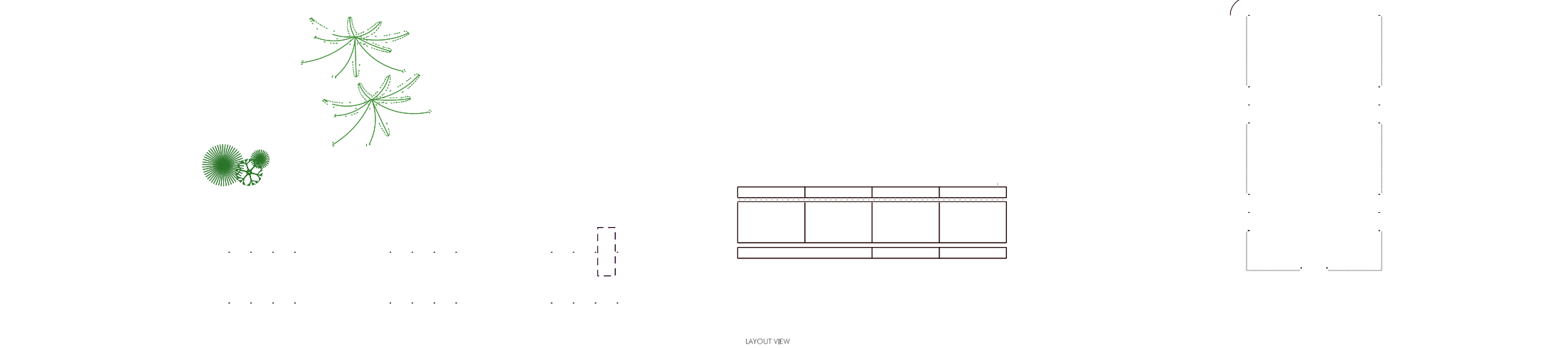
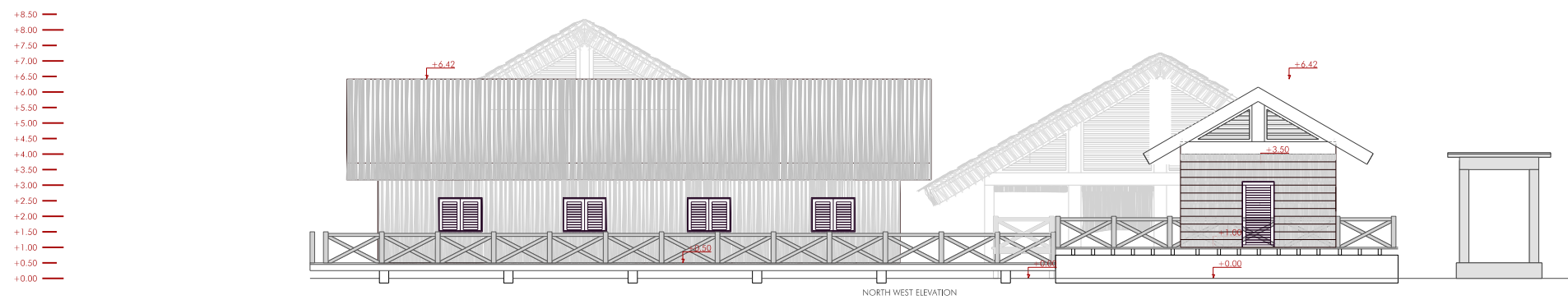
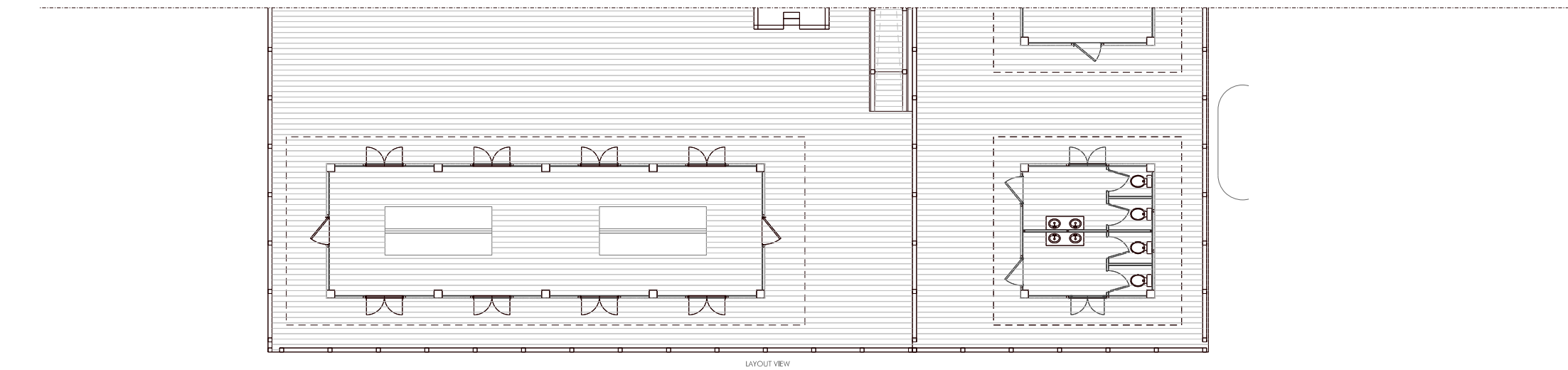


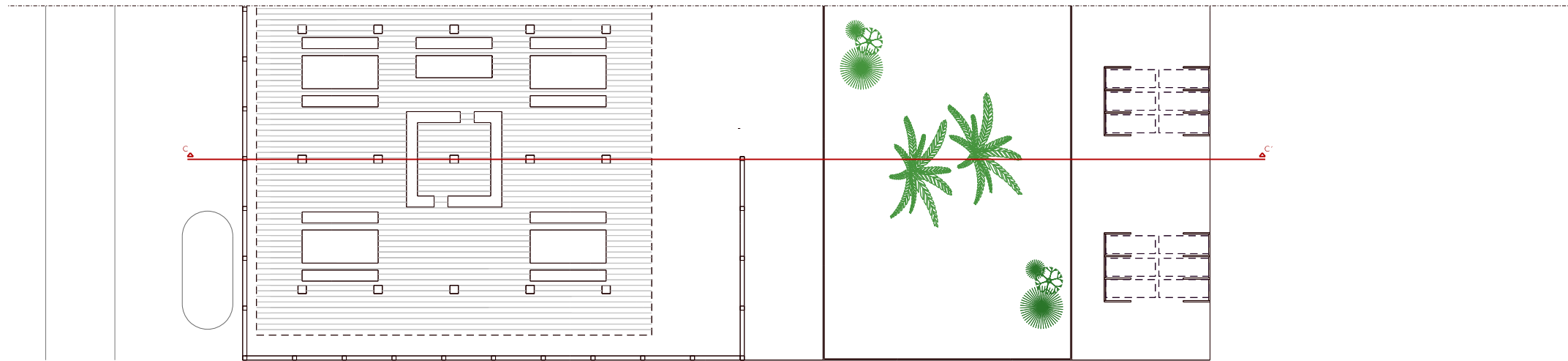
+8.50
+8.00
+7.50
+7.00
+6.50
+6.00
+5.50
+5.00
+4.50
+4.00
+3.50
+3.00
+2.50
+2.00
+1.50
+1.00
+0.50
+0.00



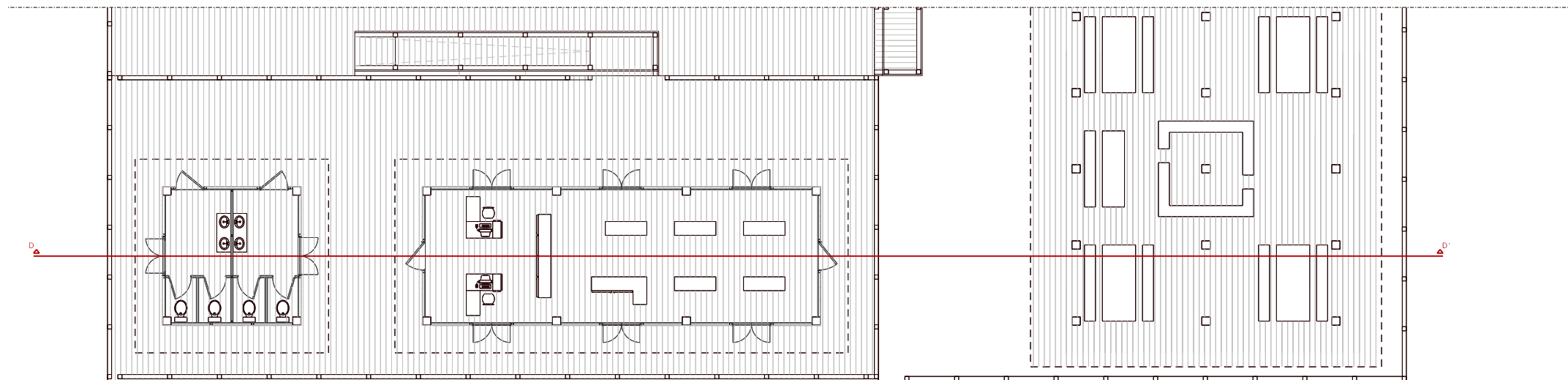
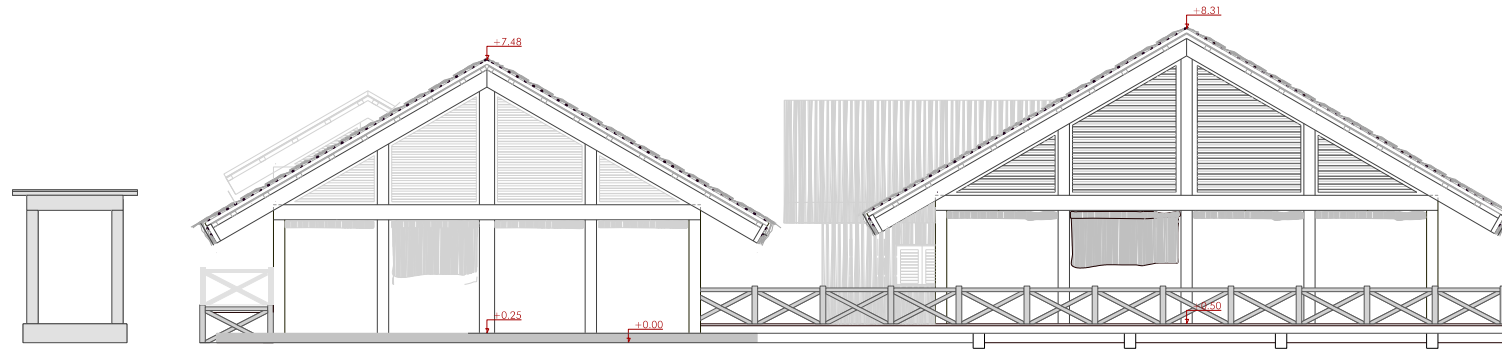
+8.50
+8.00
+7.50
+7.00
+6.50
+6.00
+5.50
+5.00
+4.50
+4.00
+3.50
+3.00
+2.50
+2.00
+1.50
+1.00
+0.50
+0.00



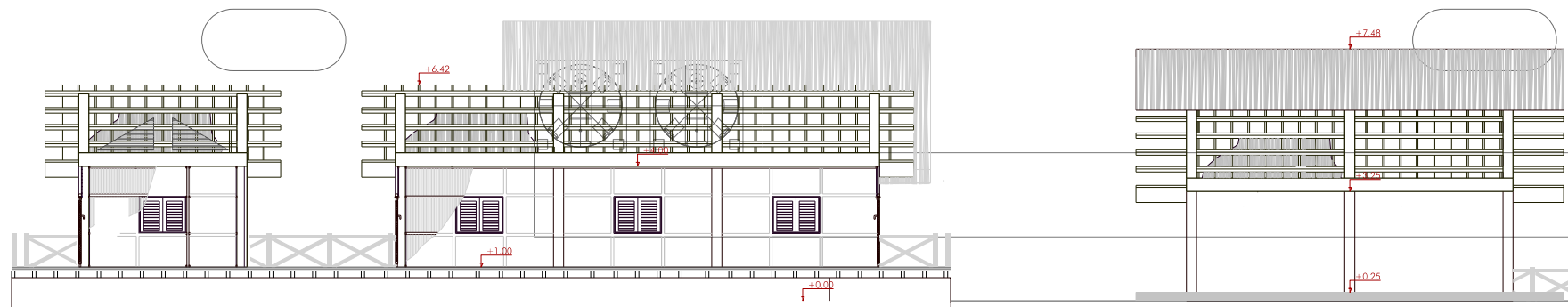




+8.5.0
+8.00
+7.50
+7.00
+6.50
+6.00
+5.50
+5.00
+4.50
+4.00
+3.50
+3.00
+2.50
+2.00
+1.50
+1.00
+0.50
+0.00



+8.5.0
+8.00
+7.50
+7.00
+6.50
+6.00
+5.50
+5.00
+4.50
+4.00
+3.50
+3.00
+2.50
+2.00
+1.50
+1.00
+0.50
+0.00





CONCRETE BEAMS
SCALE 1/50 (A1)

BEAM TYPE CB1
30X40 cm

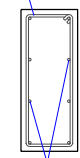
BEAM TYPE CB2
30X90 cm

Ø12 each 20 cm

Ø12 each 20 cm



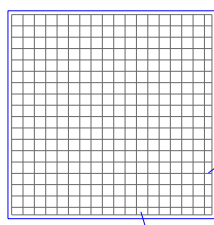
4 Ø12 mm
STEEL G500C



8 Ø12 mm
STEEL G500C

WATER TANK FOUNDATION
SCALE 1/50 (A1)

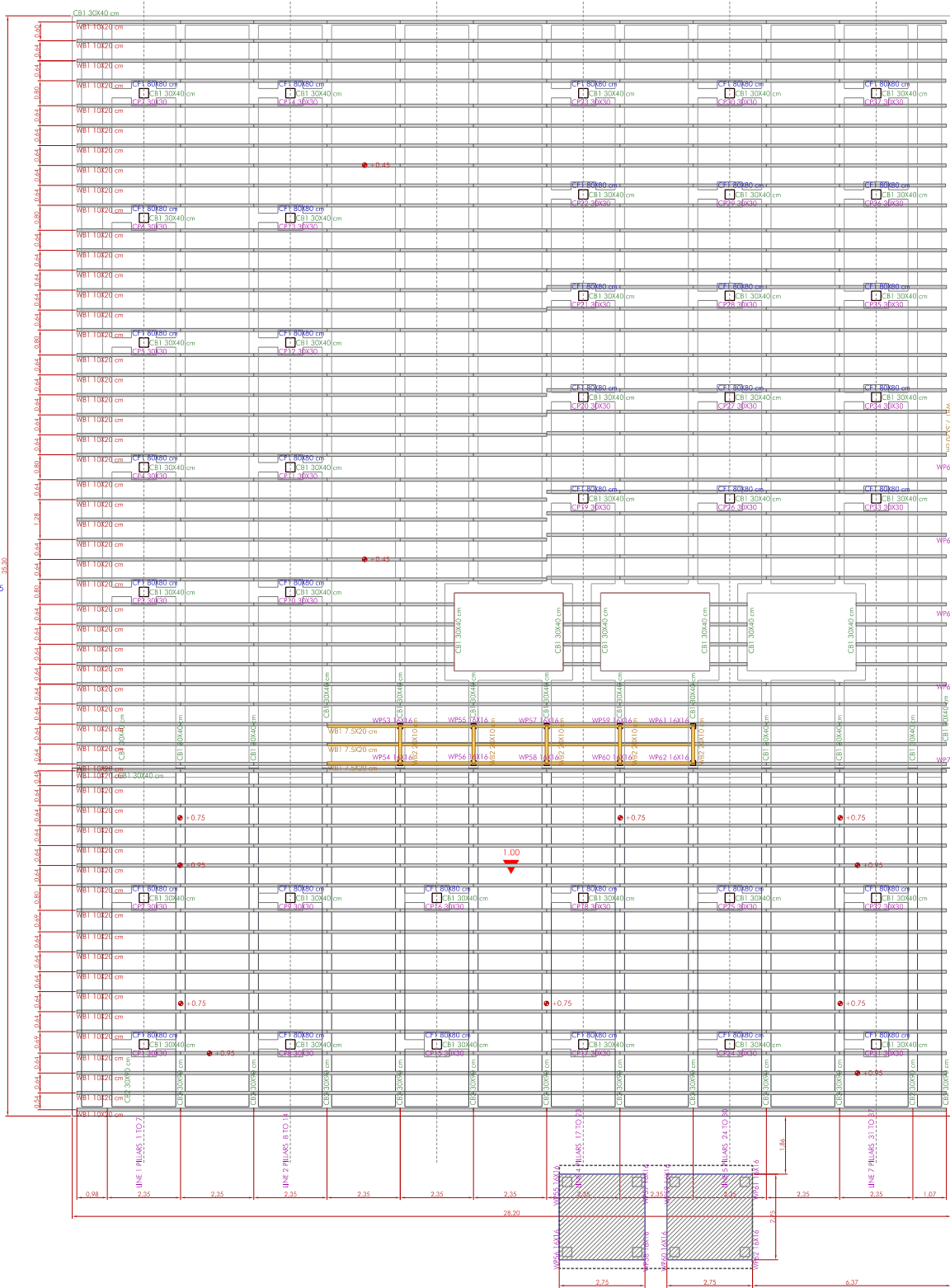
LAYOUT



19 Ø12 (20P+265+20P) s15

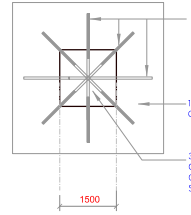
19 Ø12 (20P+265+20P) s15

- WP54 16X16 WOOD PILLAR
- WB2 20X10 cm WOOD BEAM
- WB1 7.5X20 cm WOOD BEAM
- WB1 10X20 cm WOOD BEAM
- CB1 30X40 cm CONCRETE BEAM
- CB2 30X90 cm CONCRETE BEAM
- CF1 80X80 cm CONCRETE FOUNDATION
- CF3 30X30 cm CONCRETE PILLAR



CONCRETE PILLAR FOUNDATION
SCALE 1/50 (A1)

LAYOUT

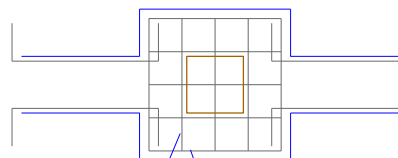


12mm STEEL BAR

SECTION



CONCRETE FOUNDATION 80 x 80 x 80 cm

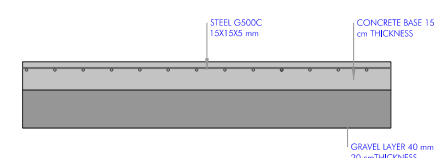


5 Ø12 (20P+70+20P) s17.5

5 Ø12 (20P+70+20P) s17.5

BEARING BASE DETAIL
SCALE 1/50 (A1)

LAYOUT



STEEL G500C
15X15X5 mm

CONCRETE BASE 15
cm THICKNESS

GRAVEL LAYER 40 mm
20 cm THICKNESS

PALM THATCHING

TIMBER BATTENS 5X15 cm

POLYTHENE

PLYWOOD 2 cm THICKNESS

TIMBER BATTENS 20X15 cm

TIMBER BEAM 30x40 cm

TIMBER BEAM 30X40 cm

PILAR 30X30 cm

TMBER STRUCTURE 10X10 cm

THOSHALI

TIMBER FLOOR 10X50 cm

CONCRETE BEAM 30X40 cm.

CONCRETE FOUNDATION 80X80 cm

SHEET METAL COVER

TIMBER BATTENS 5X15 cm

POLYTHENE

PLYWOOD 2 cm THICKNESS

TIMBER BATTENS 20X15 cm

TIMBER BEAM 30x40 cm

TIMBER BEAM 30X40 cm

METAL GUTTER

— THOSAHLI

— WATER PROOFING

— R1.8(75mm) BULK INSULATION CAVITY ABSORBER

– 20x135 SHIPLAP
TIMBER BOARDS

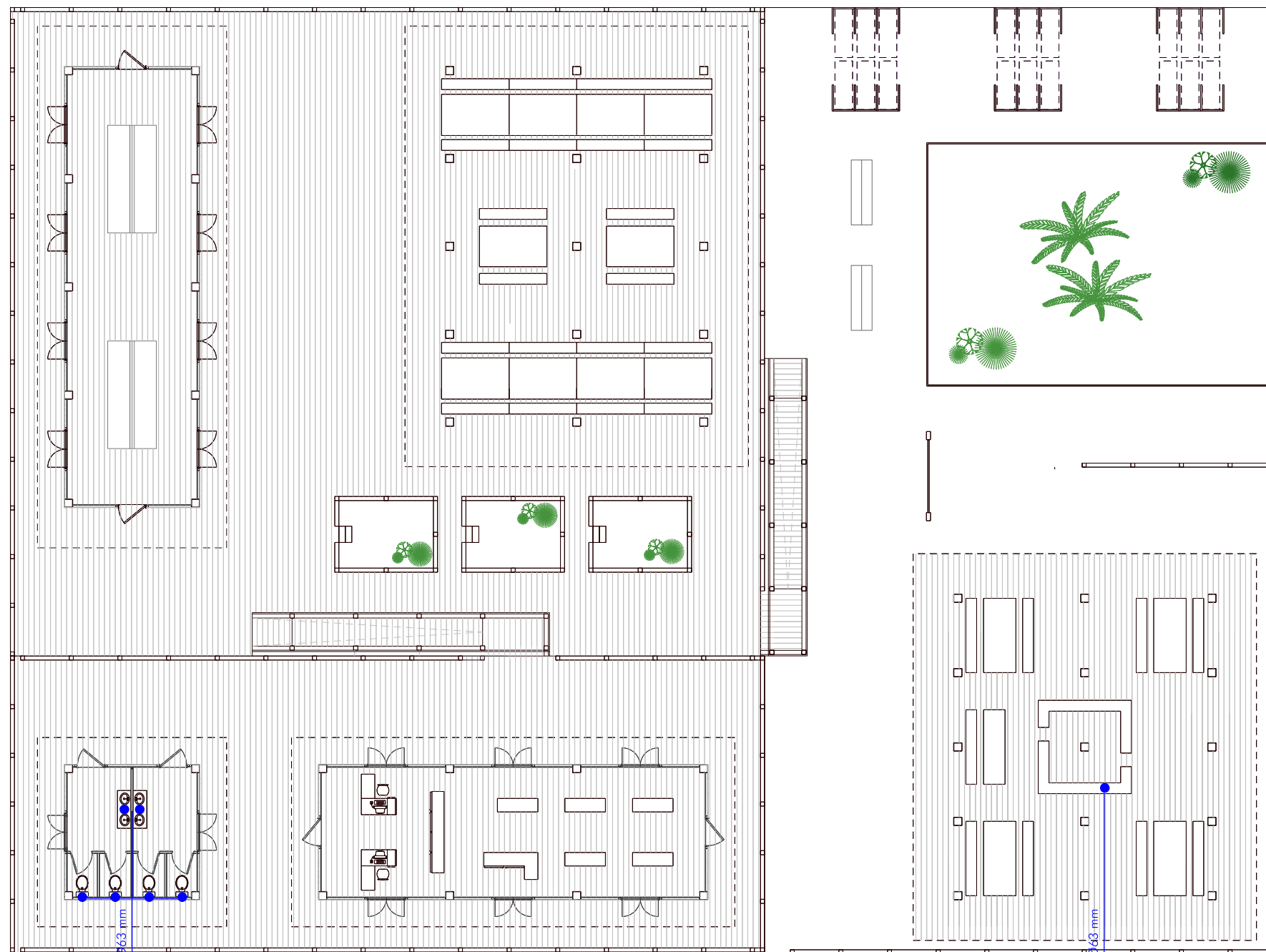
EXTERIOR

INTERIOR

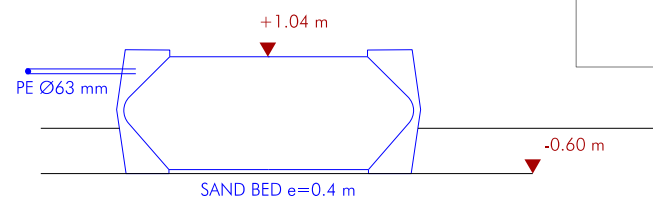
4. TIMBER COVERING

50x50 TIMBER
STUD

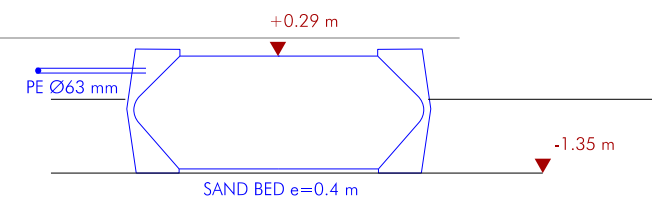
EXTERIOR WALL DETAIL

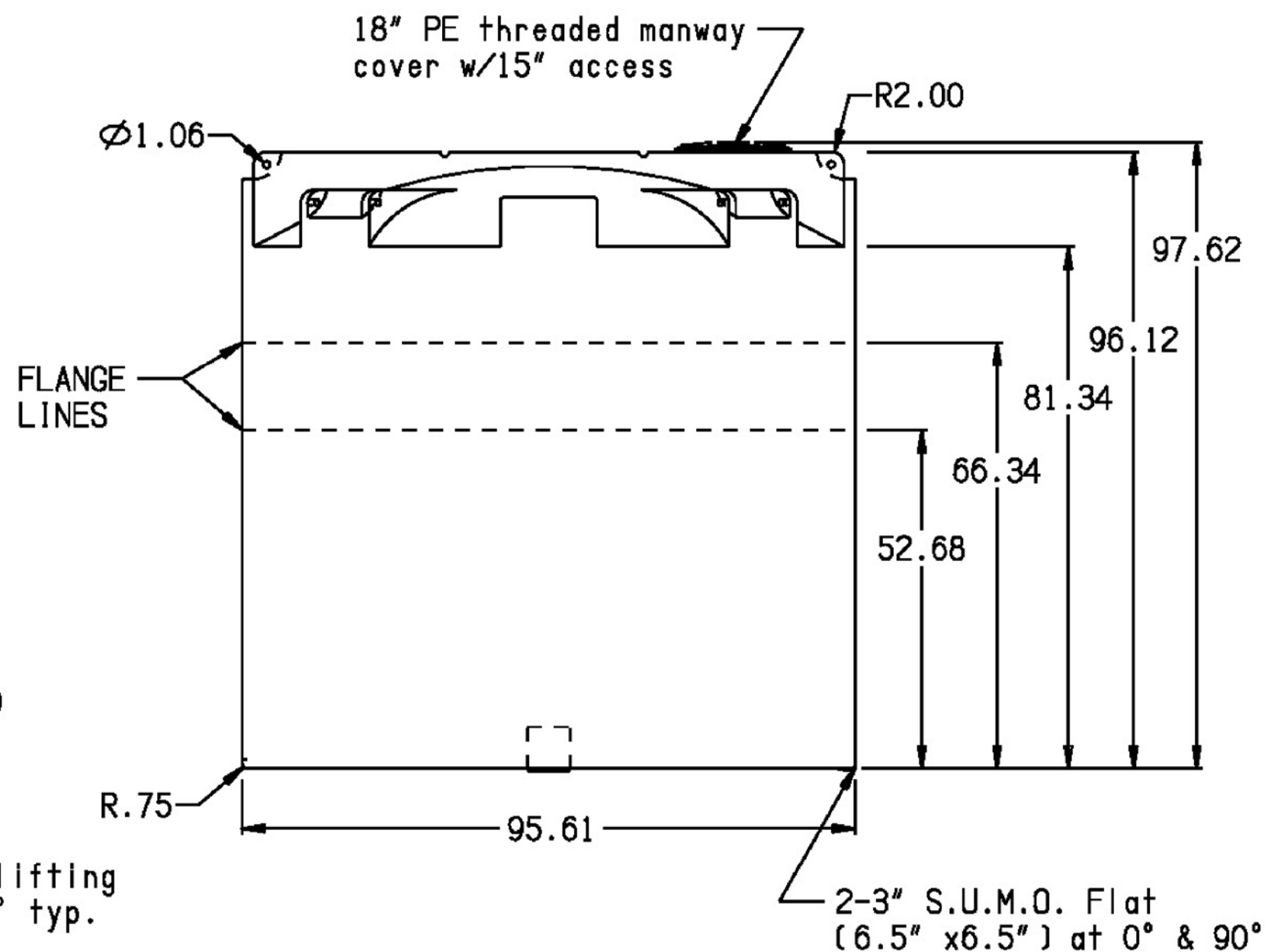
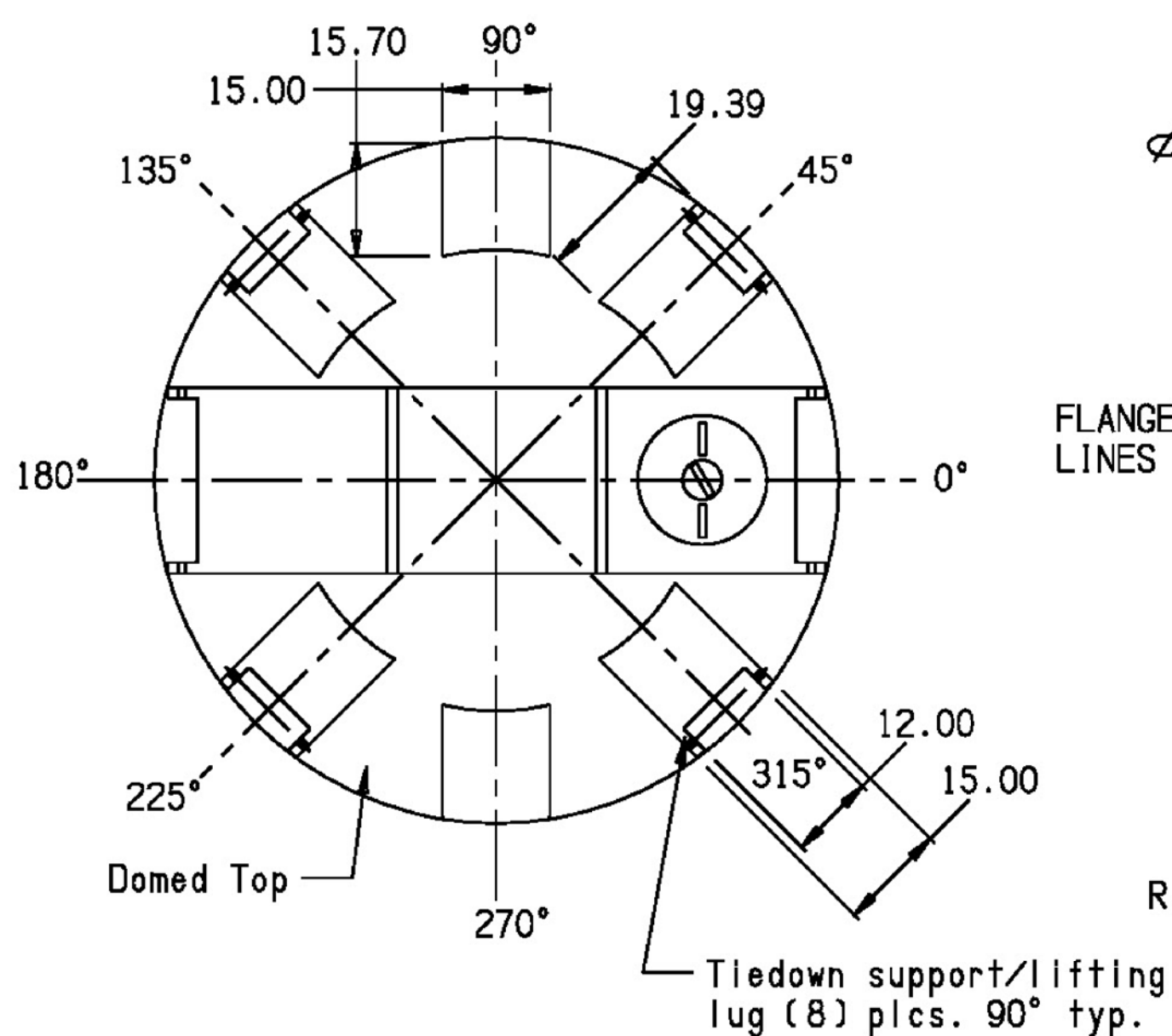


LATERAL VIEW SCHEMA

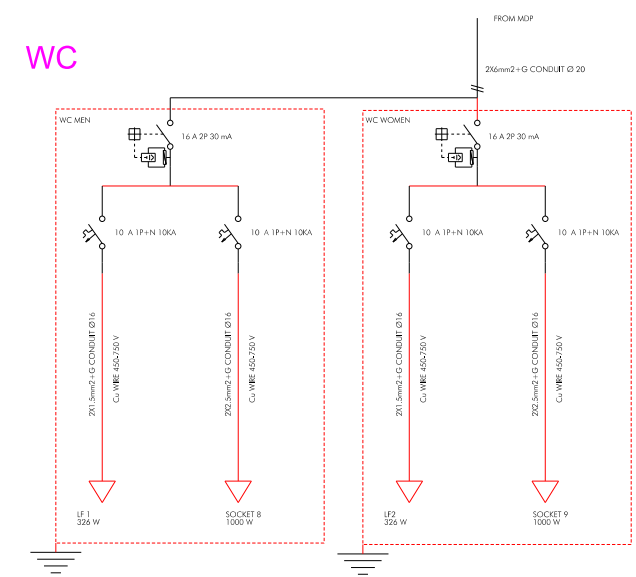
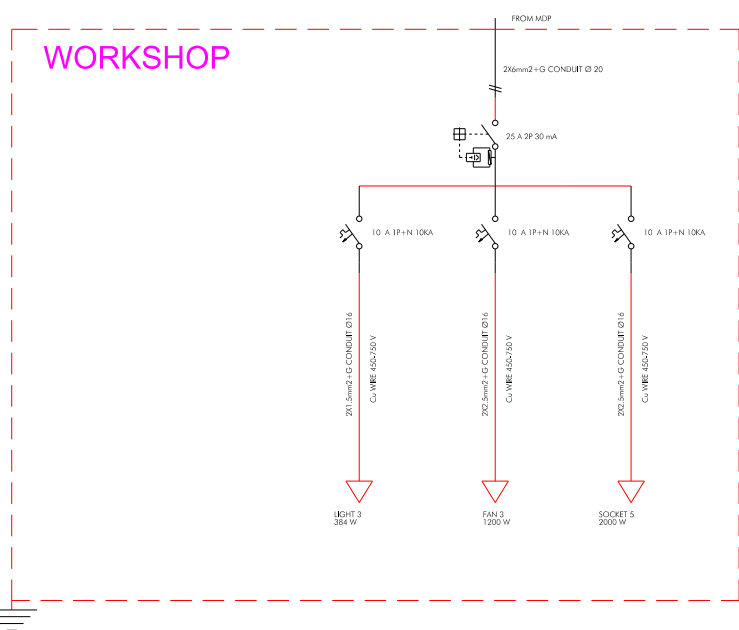
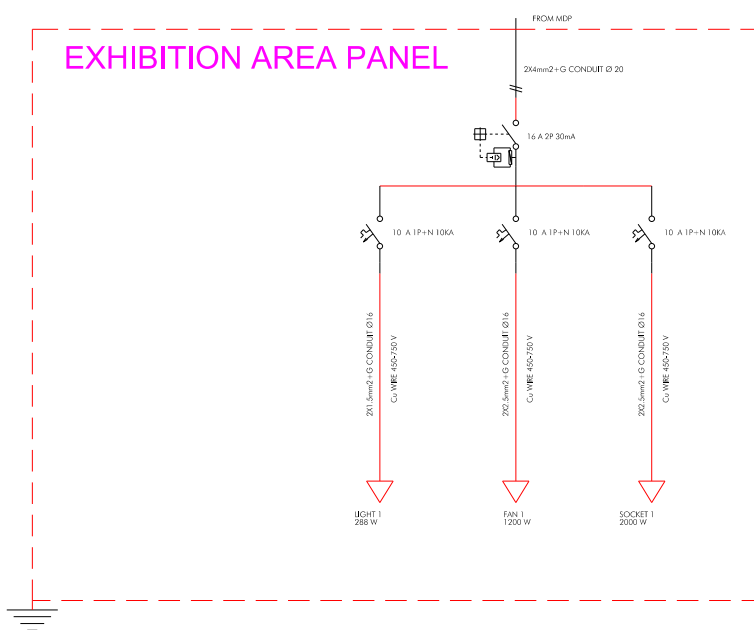
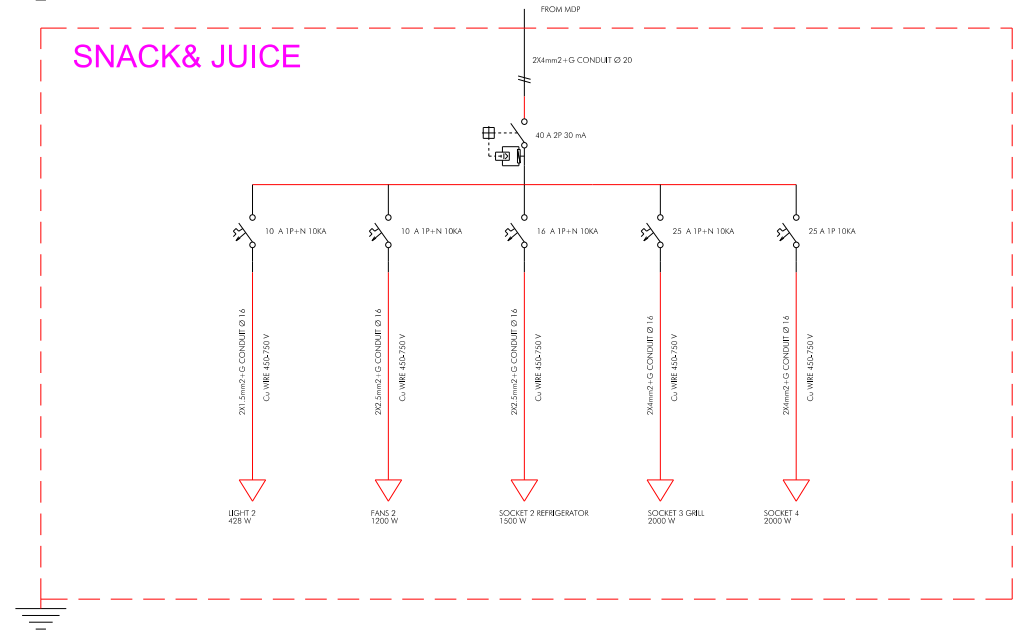
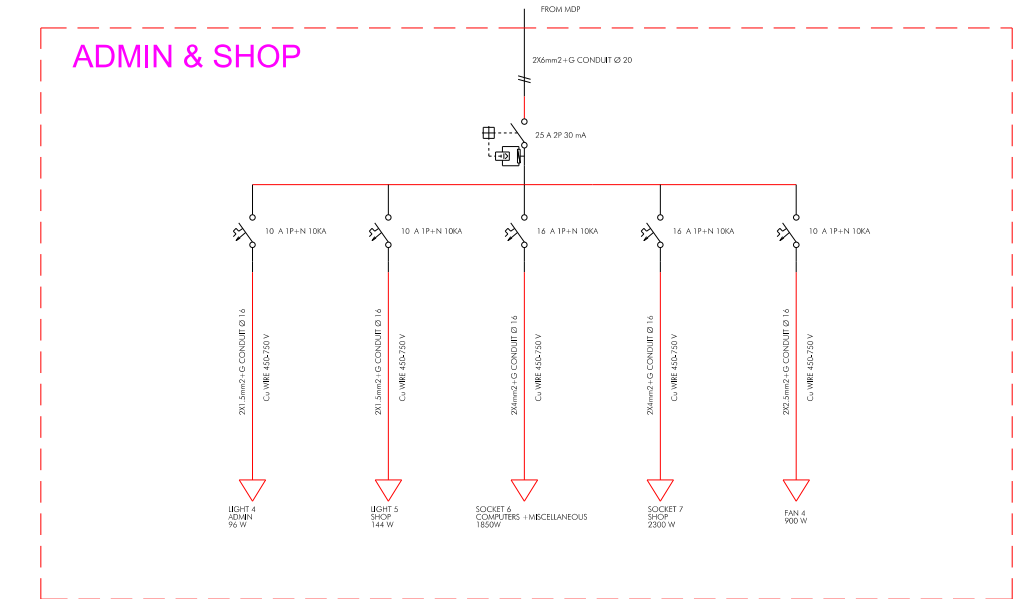
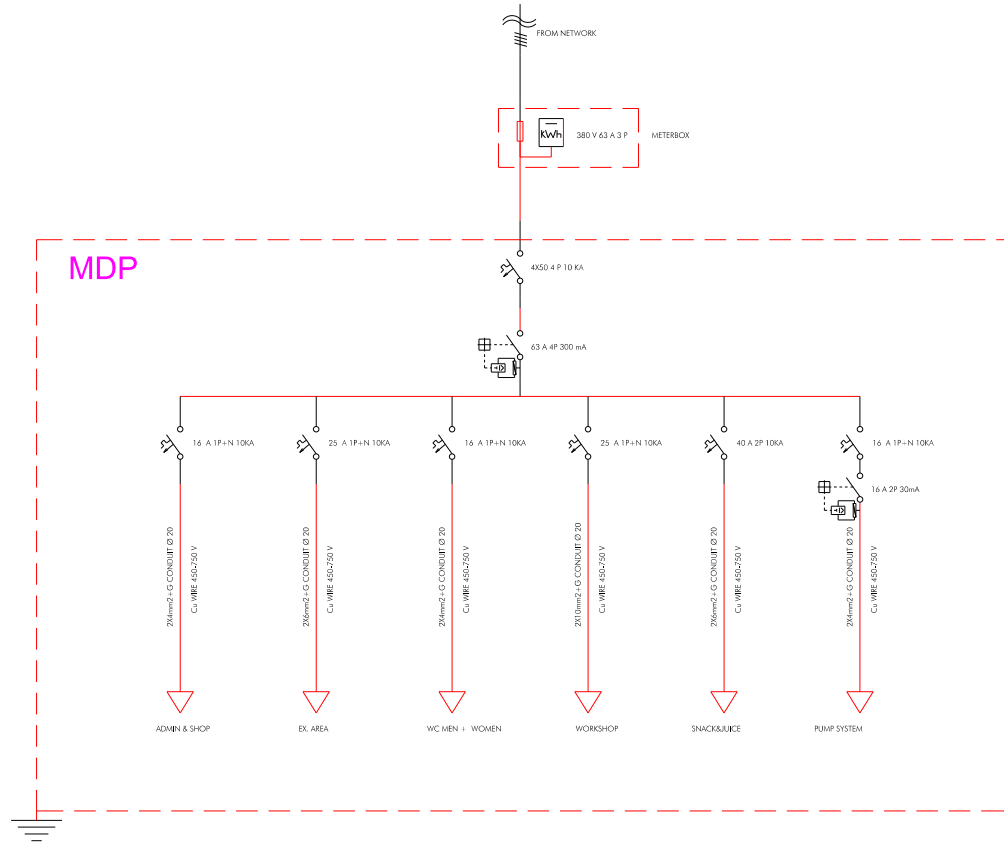
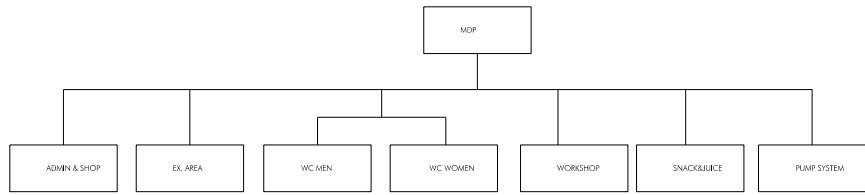


LATERAL VIEW SCHEMA

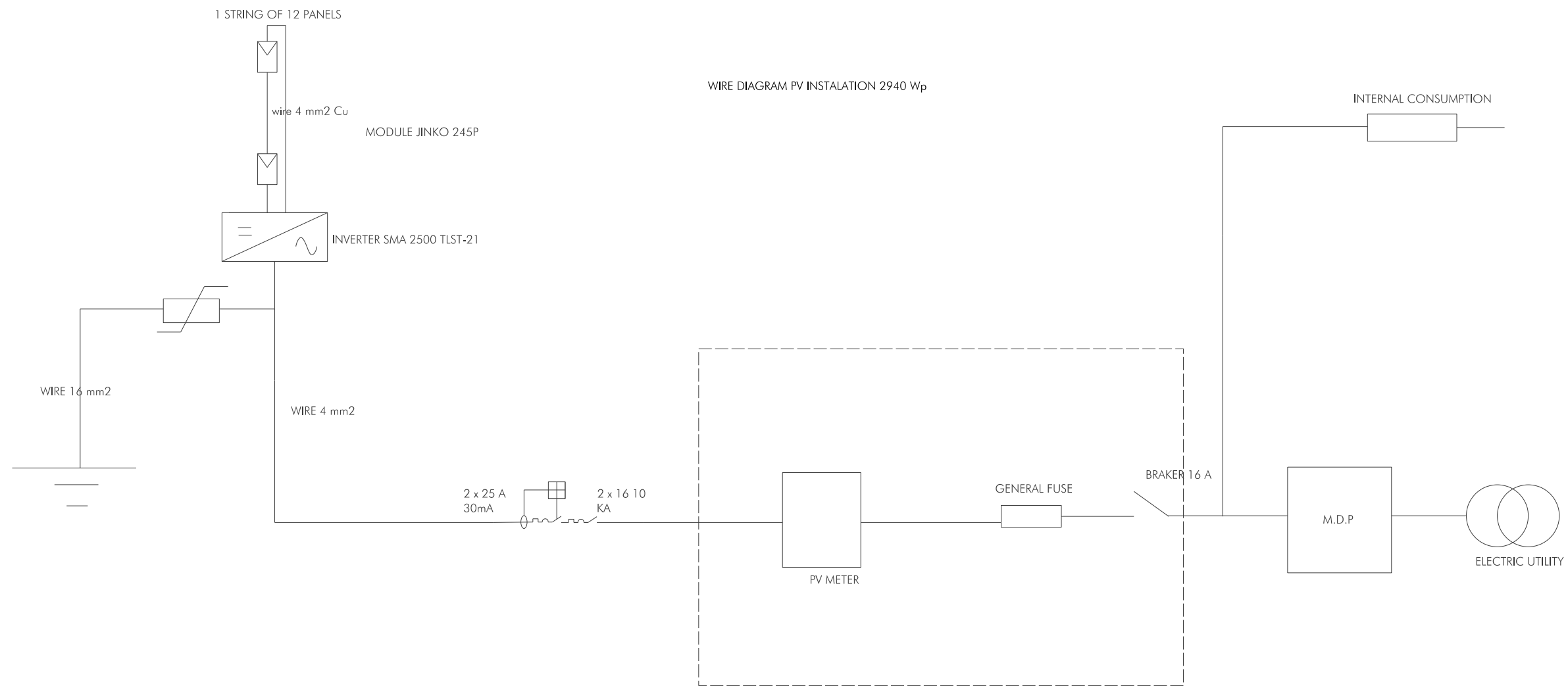
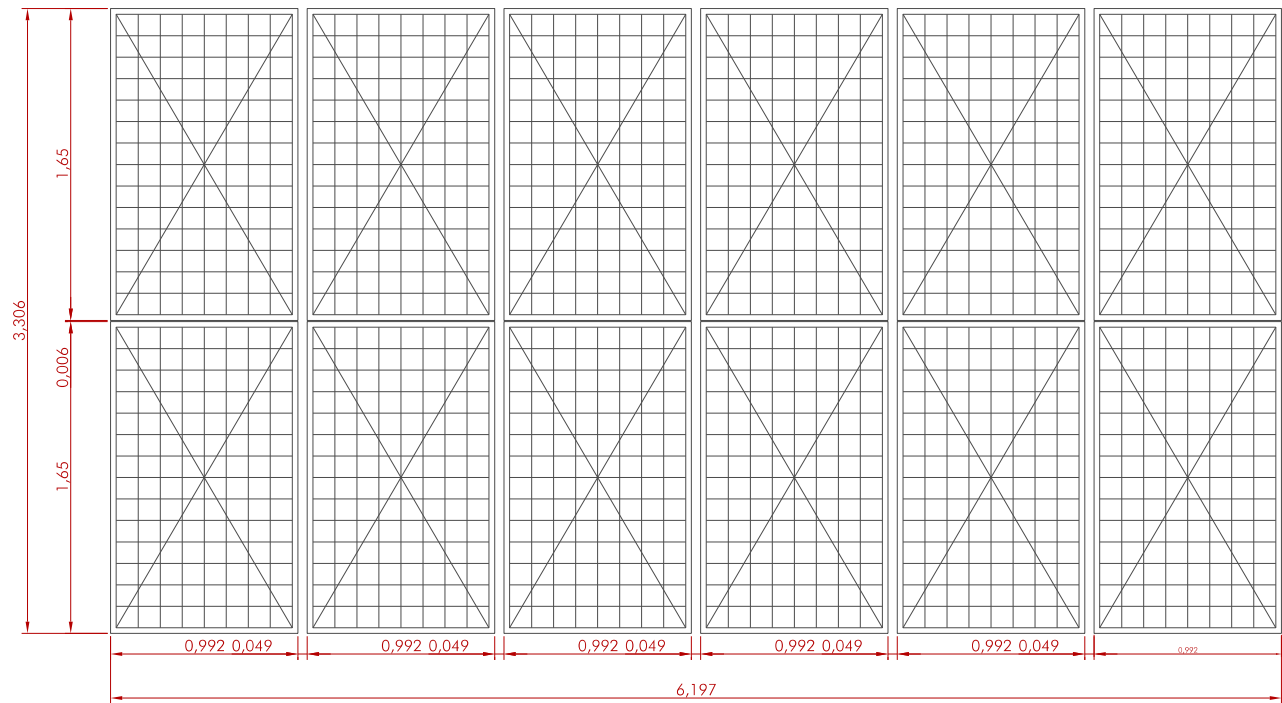


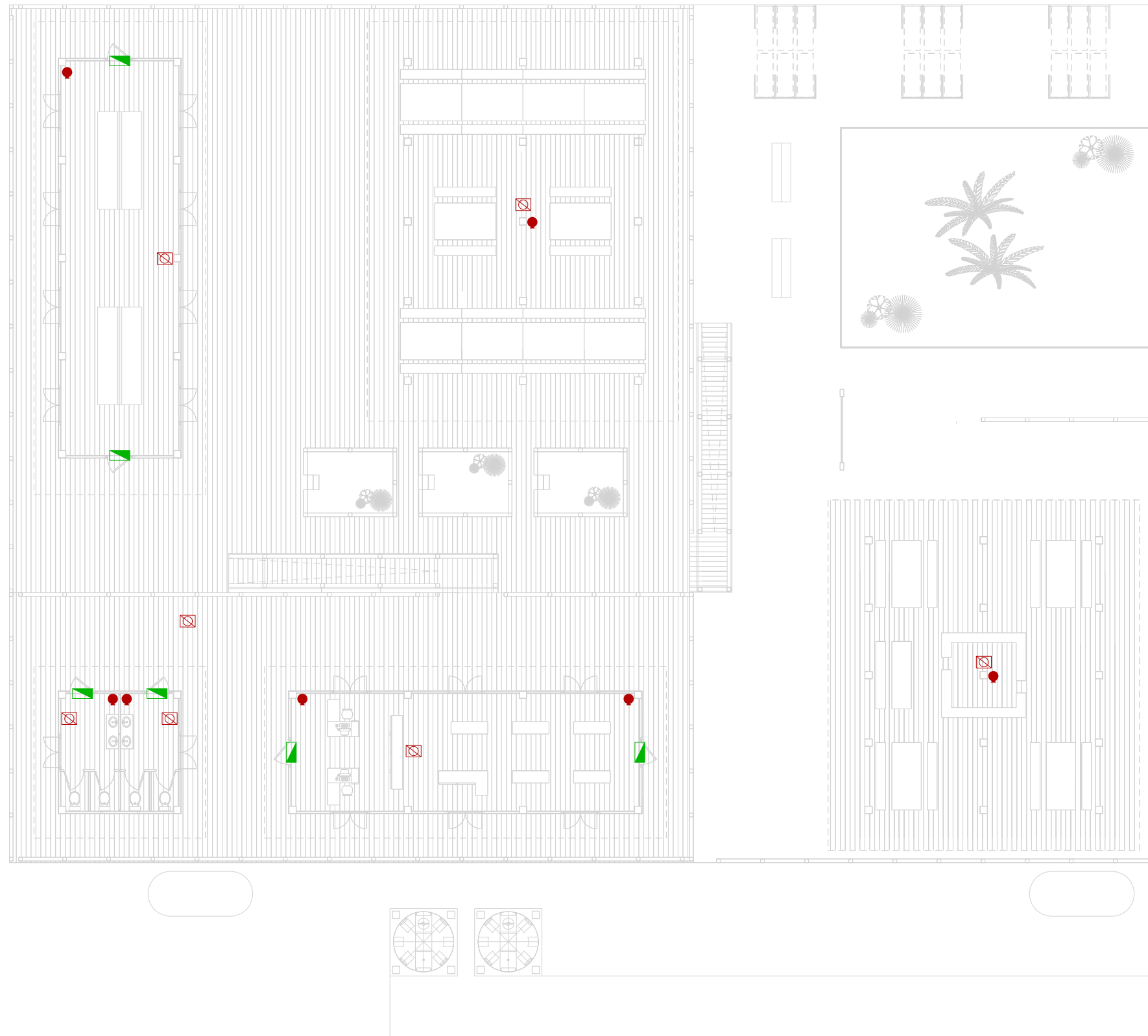





* BASE FITTINGS TO BE LEFT INSTALLED AT TIME OF SHIPMENT PER SII PROCEDURE
 * Consult Snyder's Guidelines for Use and Installation prior to delivery. Available on-line at www.snydernet.com
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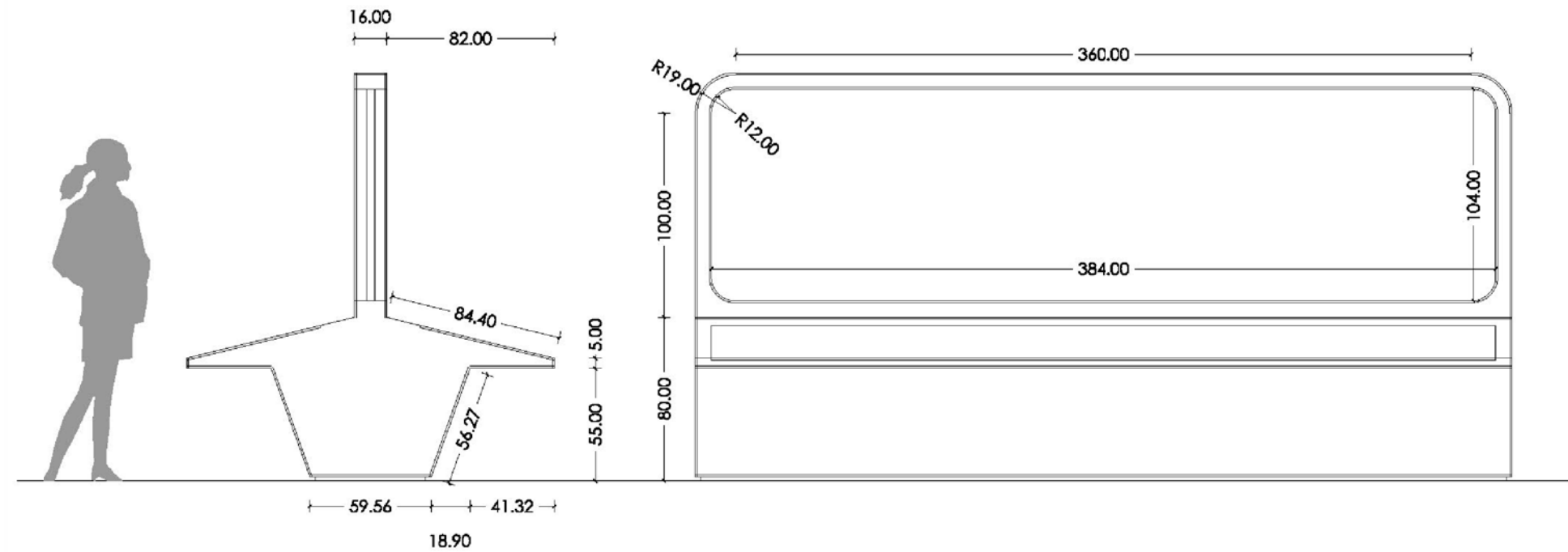


12 PHOTOVOLTAIC PANELS

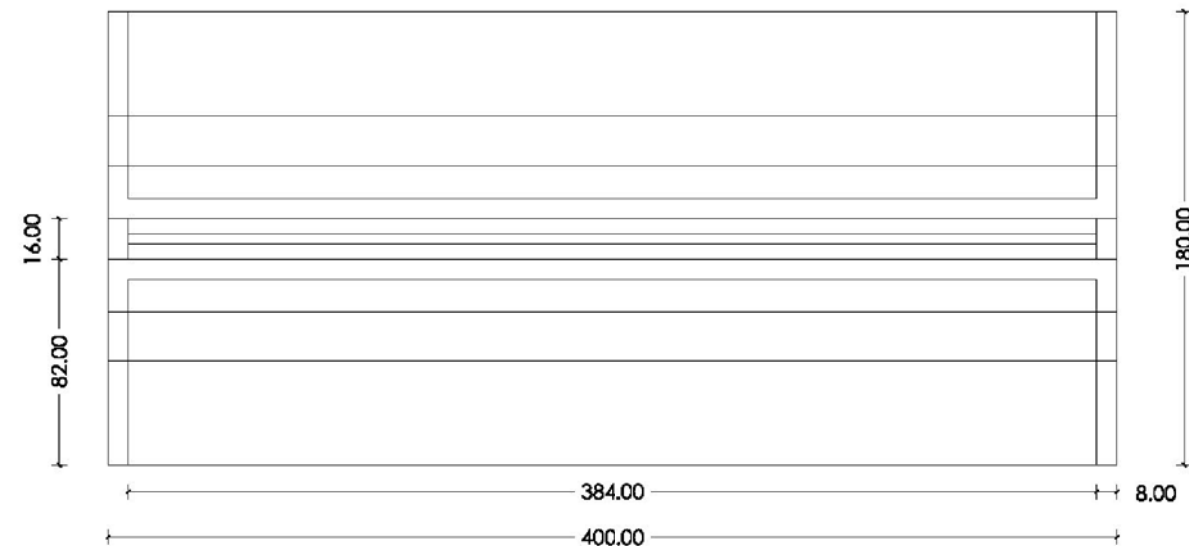
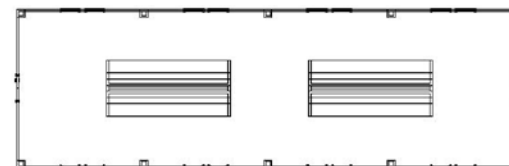


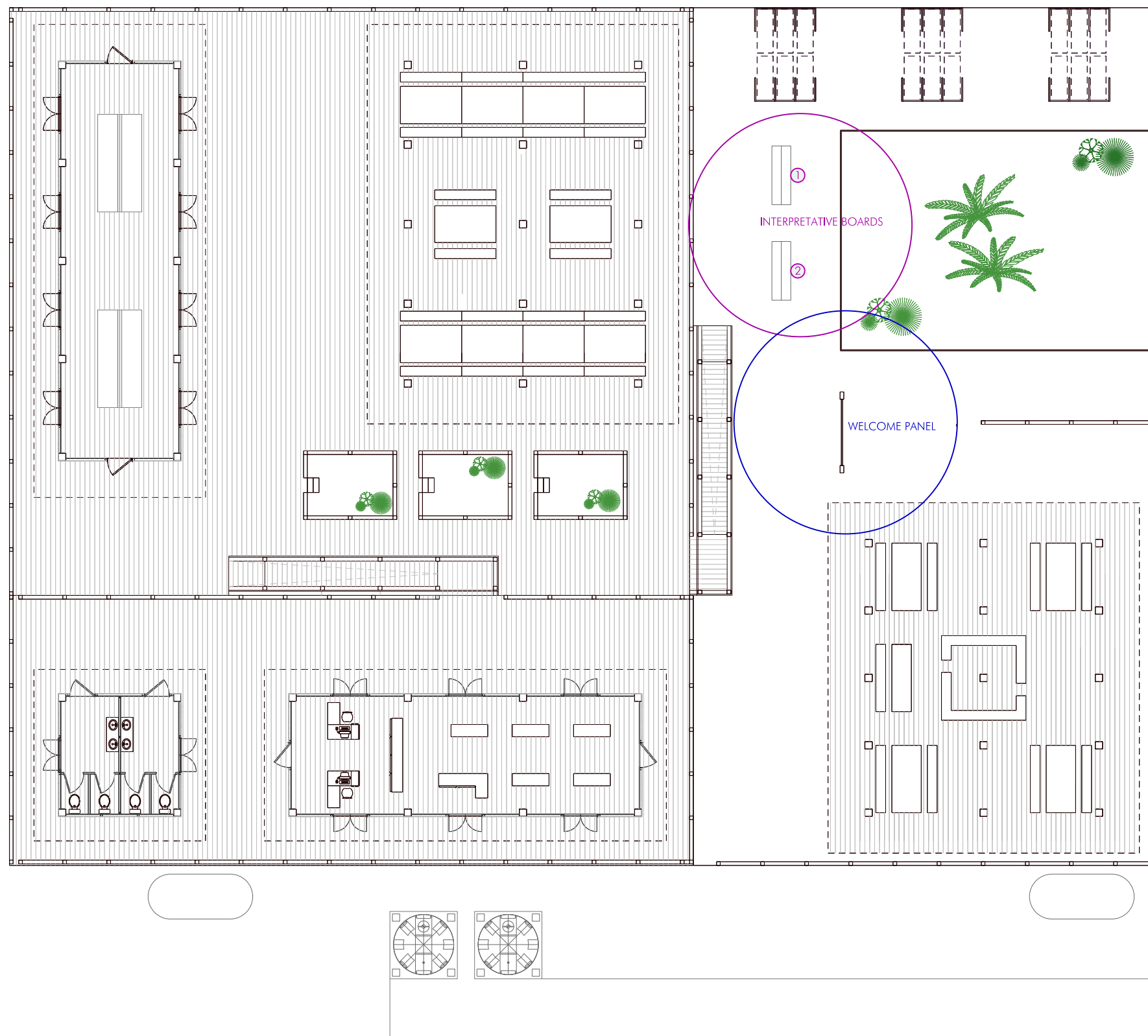


- LEGEND
-  SIGNAL FORBIDDEN SMOKE
 -  FIRE EXTINGUISHER
 -  EMERGENCY EXIT



Museographic resources: Museographic module I: Module constructed out of wood with an average MDF density of a good dimensional stability (18-18 mm) and lacquered finish. Graphic communication support in vinyl PoliC (10 mm), printing in table CNC. Upper graphic communication support in vinyl PoliC (10 mm) milled in table CNC and LED illumination. Museographic Module II: Module constructed out of wood with an average MDF density of a good dimensional stability (18-18 mm) and lacquered finish. Graphic communication support in vinyl PoliC (10 mm), printing in table CNC. Upper graphic communication support in vinyl PoliC (10 mm) milled in table CNC and LED illumination





Sawed tropical wood pillar (Teak, Iroko, Cerejato or similar), from 14x14 to 20x20 cm per section and up to 4 meters long, structural quality MEG, resistant class C-18, protection of the wood with penetration class P2, worked in a workshop.



The drawing consists of two parts: a front elevation and a floor plan.

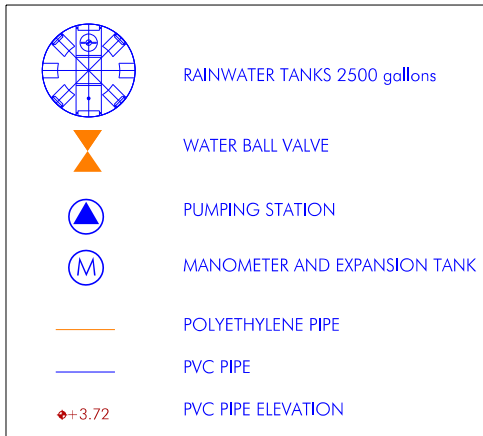
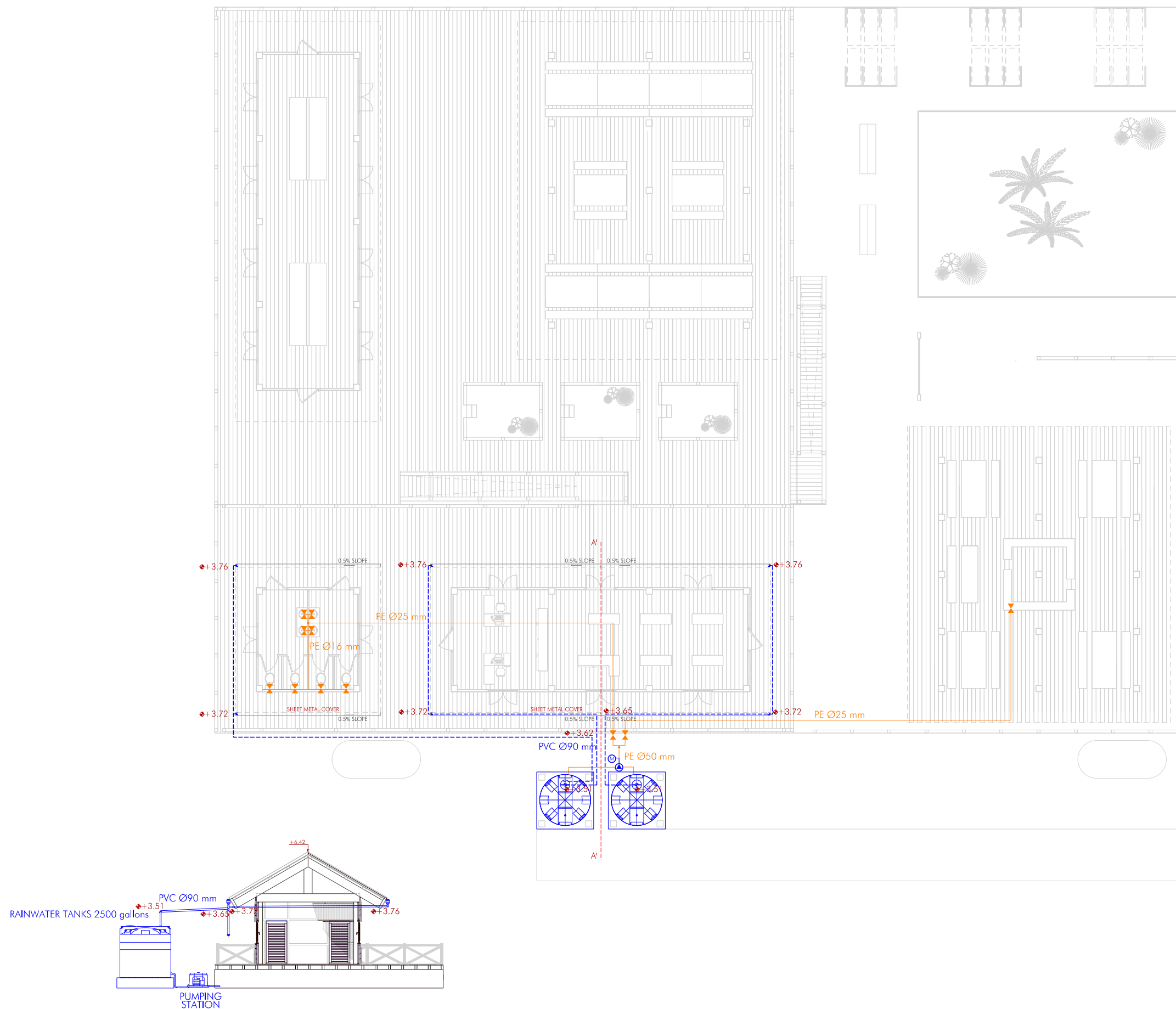
Front Elevation:

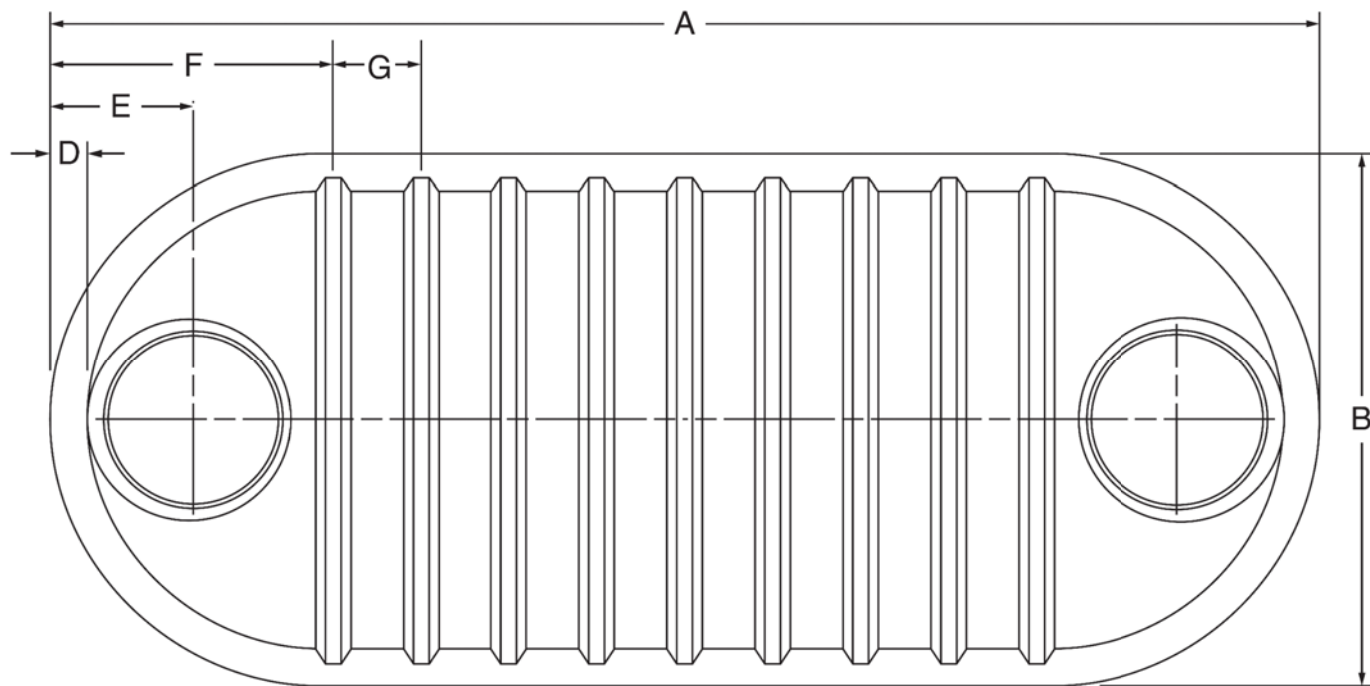
- The house has a gabled roof with a height of 6.65 m.
- The main body of the house is 9.90 m high.
- The porch is 2.43 m high.
- The house has a chimney on the right side.
- The front elevation shows the house from the street side.

Floor Plan:

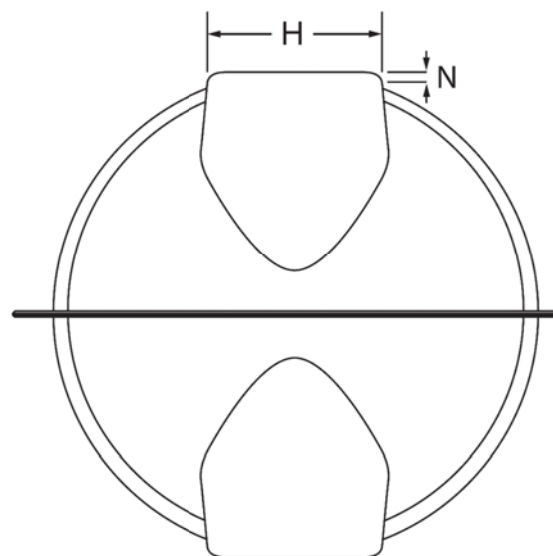
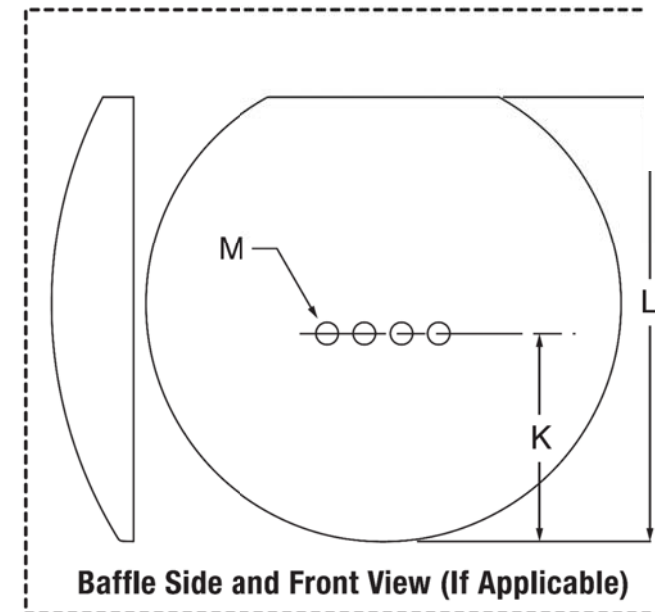
- The house is 9.90 m wide and 6.65 m deep.
- The house is divided into several rooms: a living room, a kitchen, and two bedrooms.
- The living room is 4.00 m wide and 3.00 m deep.
- The kitchen is 2.43 m wide and 2.43 m deep.
- The bedrooms are 2.43 m wide and 2.43 m deep.
- The floor plan shows the layout of the house, including the living room, kitchen, and bedrooms.

- (A) TREATED WOOD POST (100x150 mm)
- (B) TREATED WOOD (100x100 mm)
- (C) MEDIUM FOR PRINTING MADE OF PERSPEX (4 mm)
AND BACKED WITH TREATED WOOD (22 mm)
- (D) METAL ZIPS LOCKS (3 mm)
- (E) NON STRUCTURAL CONCRETE FOUNDATION 20 N/mm²
- (F) MOORINGS (150 mm)
- (G) TREATED WOOD BEAM (100x60 mm)
- (H) ROOF WITH A TREATED WOOD BASE (22 mm)
WITH SHOWING TILES

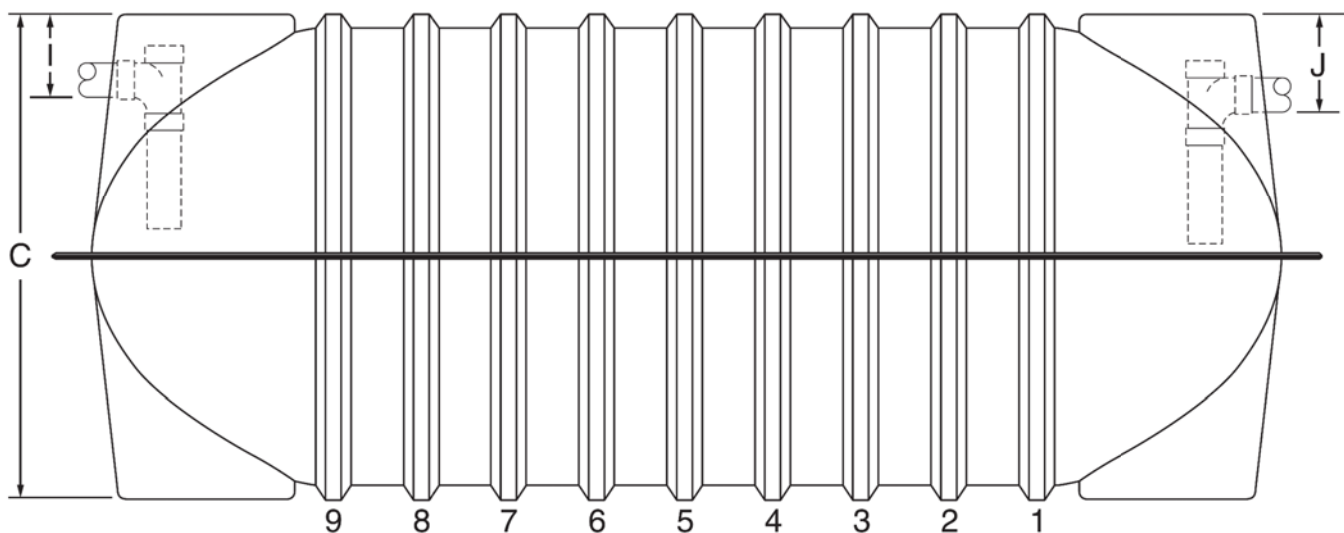




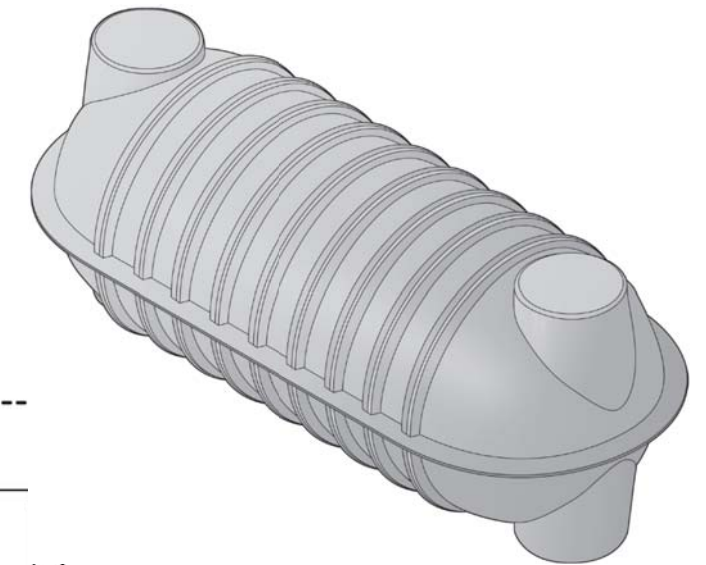
Top View



End View

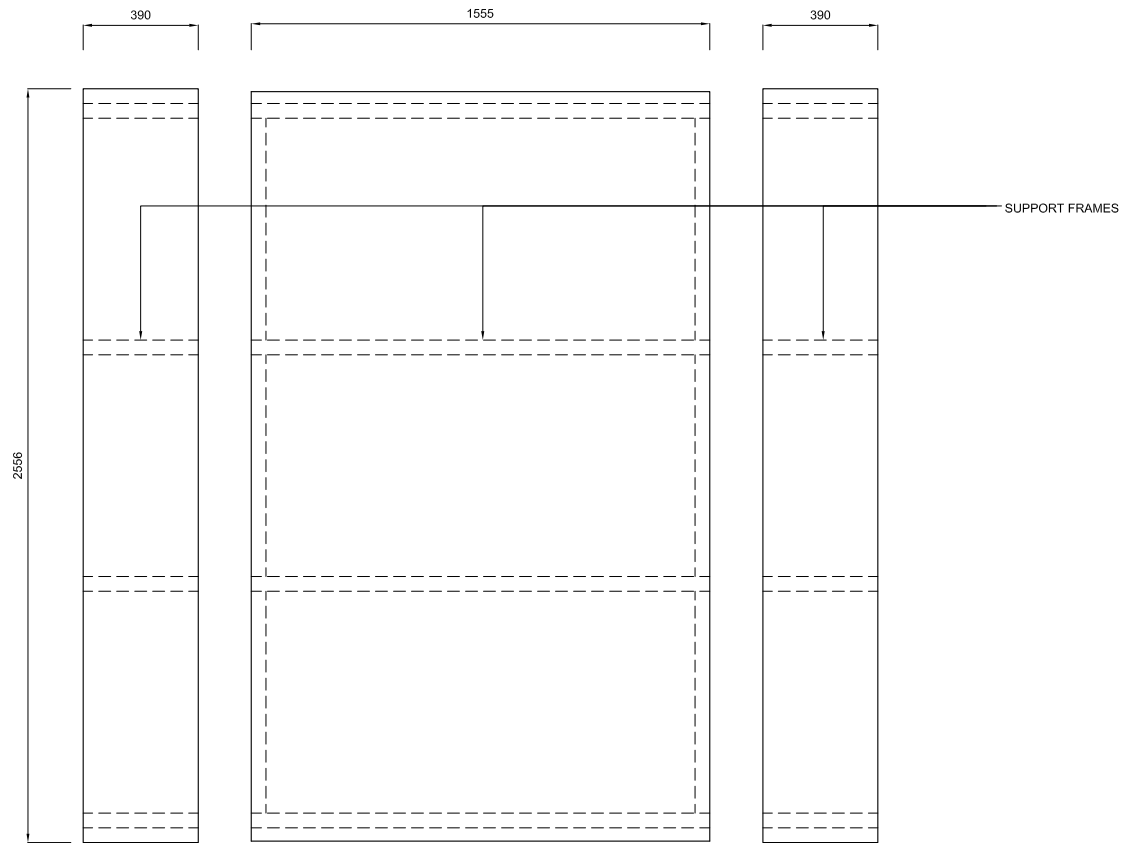


Side View

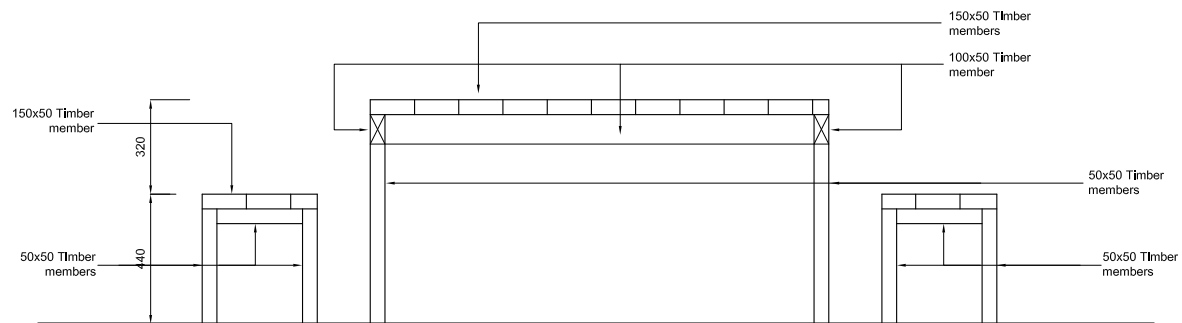


Specifications

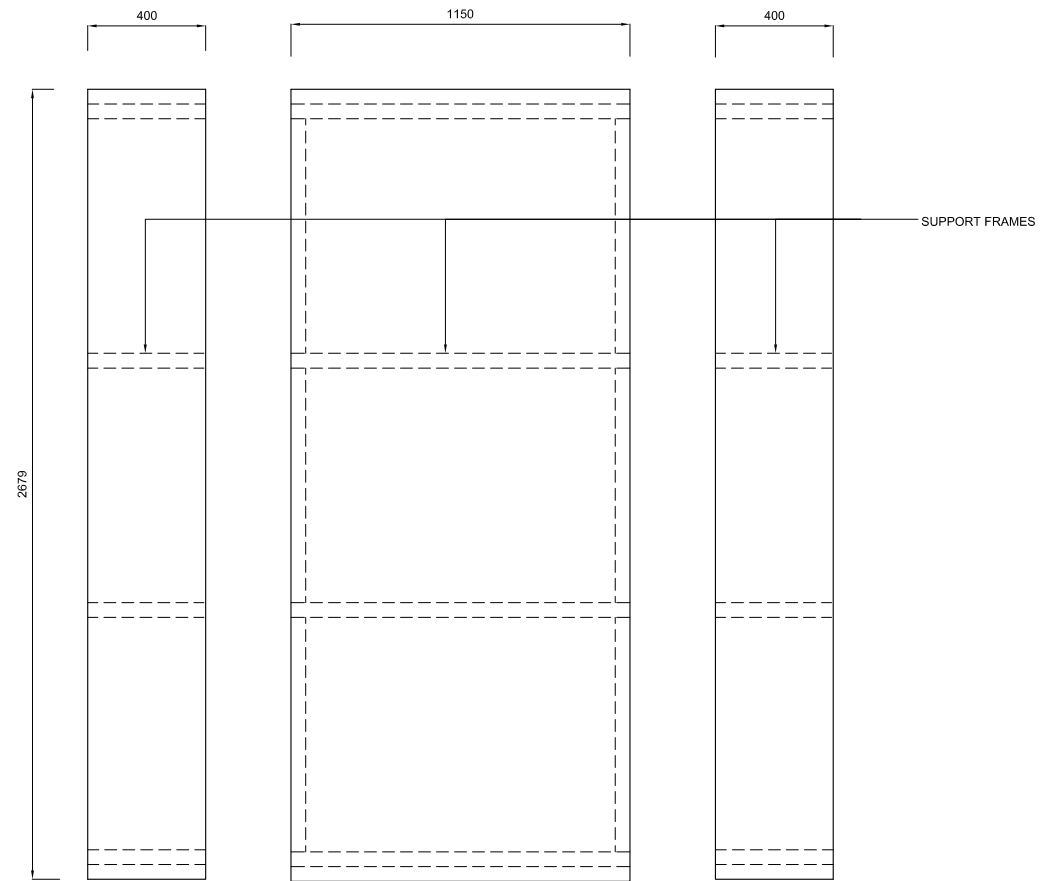
		1500 gal. (5678 L)
Dimensions in inches (and millimeters)		
A	Length	168.0 (4270)
B	Width	72.0 (1830)
C	Height	64.5 (1640)
D	Flange width	5.5 (140)
E	End to center of tank access	21.5 (550)
F	End to first rib	37.0 (940)
G	Rib spacing	11.6 (295)
H	Outside diameter of tank access	23.5 (600)
I	Inlet invert (typical)	11.0 (280)
J	Outlet invert (typical – if used)	13.0 (330)
K	Height to pass-through holes (typ.)**	30.0 (760)
L	Height to top of baffle	60.0 (1520)
M	Pass-through hole diameter	3.0 (76)
N	Riser adapter depth	1.5 (38)
Weight in pounds (and kilograms)		
1-compartment (assembled)		470 (213)
2-compartment (assembled)		500 (227)
Volume in gallons (and liters)		
Volume to typical invert of inlet		1615 (6112)
Volume to typical invert of outlet		1561 (5908)
Total tank volume (approximate)		1800 (6813)



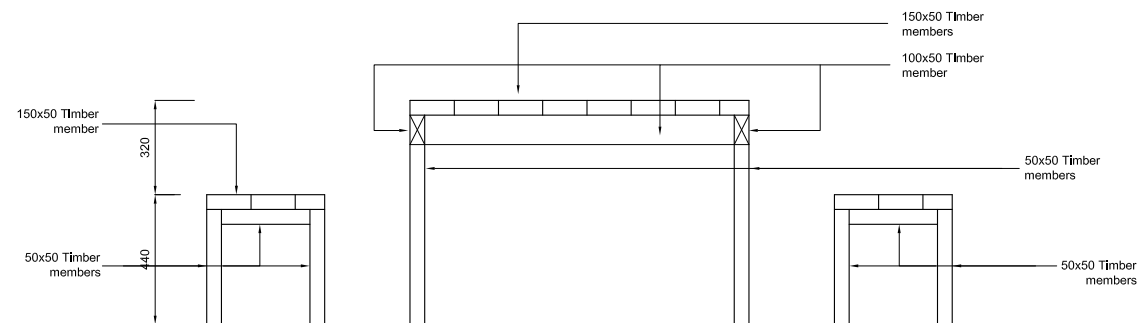
WORKSHOP AREA TABLES AND BENCHES
PLAN



WORKSHOP AREA TABLES AND BENCHES
CROSS SECTION

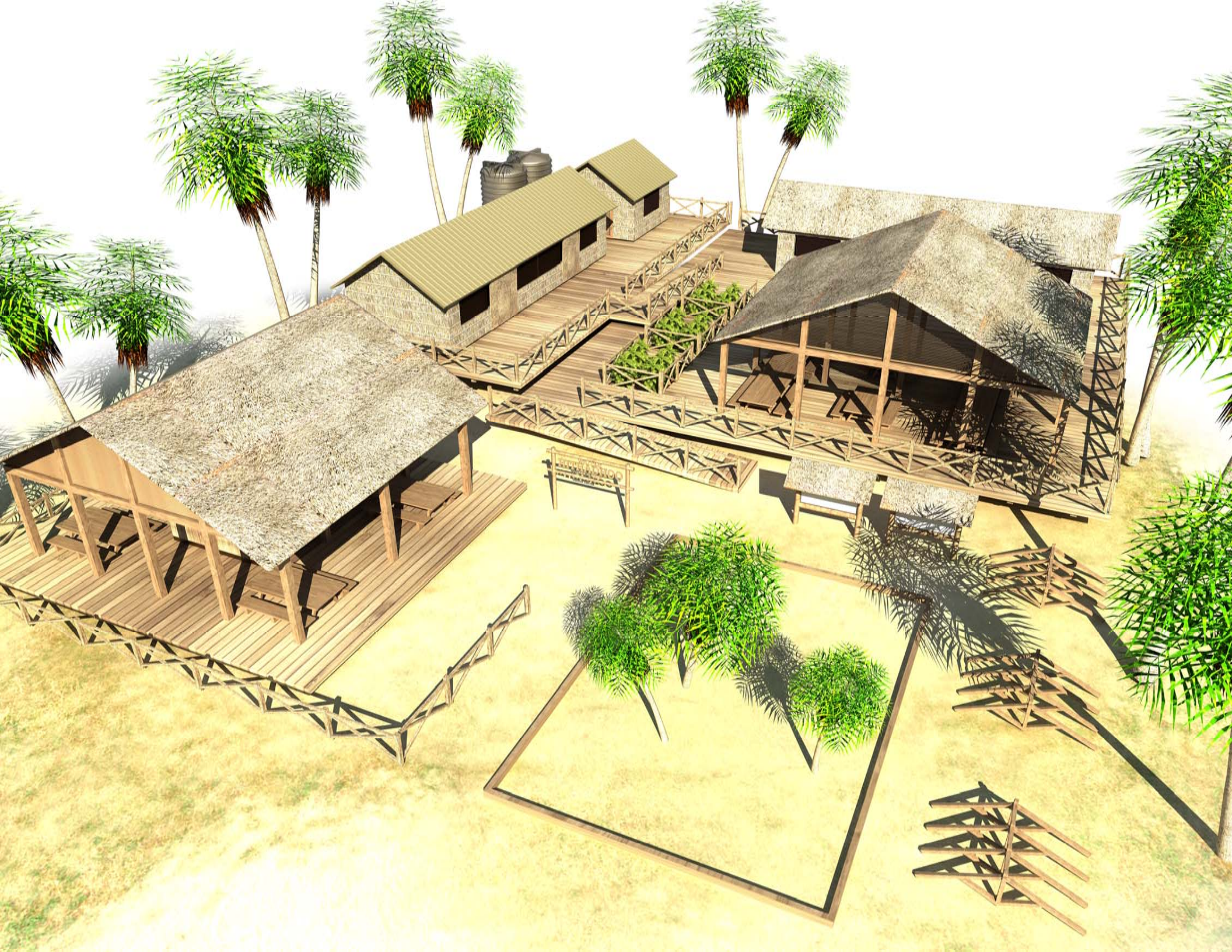


SNACK AREA TABLES AND BENCHES
PLAN



SNACK AREA TABLES AND BENCHES
CROSS SECTION

PERSPECTIVE VIEW OF VISITOR CENTER



VEGETATION CLEARANCE LAYOUT

