ELIZABETH HOUSE : TRANSFORMATION

PROJECT REPORT
2015 - 2018

PROJECT DESIGN TEAM : Studio Naqshbandi :
Melina, Pratha, Ines, Roshita, Mona

PROJECT CONSTRUCTION TEAM :
Suresh, Permual, Sundar & Bhaskar

STUDIO NAQSHBANDI
AUROVILLE
BEFORE RENOVATION
INTERIORS
Analysis of the existing situation

Elizabeth existing house in Adventure is in a delapidated state. Rains, animals and security problems. Keeping the columns and its base intact, the new frame is created around it. Main criteria was low cost.

Existing plan

Existing area: 68 m2
Project Intervention

Respecting the location and the square metres of the existing project, the new footprint follows three types of interventions:

1. It includes what it is existing.
2. It expands around this first one considering the existing plinth.
3. It reduces the existing footprint in order to compensate the extra square metres given in the second intervention.

Ground floor + 0.00m

38 m²

Plinth level - 0.15 m

Ground floor area:
87 m²

07/01/2016
Description of the project

The project has two existing floors. The ground floor is adding a bathroom inside the house and also offers a kitchen. The stairs connect it directly with the first floor from inside for security. It also offers an open air balcony.

First floor area:

38 m²
The new roof of the project occupies nearly the same square metres as the old one. The structure of the roof top is composed by wooden rafters and finished with Mangalore tiles.
Sectional view

The ground floor lifts from the plinth level 0.15 metres. The main structure of the existing building is kept. The first floor is 3.30 metres off the ground floor and it remains the same in area.

Roof level + 7.40 m

A

First floor + 3.30 m

Beam level + 2.26 m

Ground floor + 0.00 m

Beam level + 4.45 m

Finished floor level 0.00 m

Plinth level - 0.15 m
Exterior view

In this view it is possible to see the rooftop from the outside, the open air balcony, and the window to ventilate and illuminate the bathroom.
ROOF - ANGLE OPTIONS

BEAM LEVEL +4.45
BEAM LEVEL +2.26M
FIRST FLOOR LEVEL +3.32
PLINTH LEVEL -0.15M
FINISHED FLOOR LEVEL 0.00M

DOUBLE GROOVE TILES
VENGAI WOOD BATTONS
BISON BOARD
THERMOCOL G.I. SHEET

6'X3' WOODEN RAFTERS
2CM THK

28.3°
28.3°

25°
25°

2.26
0.25
1.27
0.30
2.38

3.32
-0.15M

FINISHED FLOOR LEVEL 0.00M
PLINTH LEVEL 0.15M

24 / 12 / 2015
Drawn by: Pratha
Drawn by: Prakash

FINAL STAGE - 2017 - CONSTRUCTION
# SUMMARY OF TOTAL WORKS CARRIED OUT

<table>
<thead>
<tr>
<th>SL No</th>
<th>Items Of Work</th>
<th>Cost Of Work - Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Masonry Work</td>
<td>466512</td>
</tr>
<tr>
<td>2</td>
<td>Fabrication Work</td>
<td>494504</td>
</tr>
<tr>
<td>3</td>
<td>Carpentry Work</td>
<td>45283</td>
</tr>
<tr>
<td>4</td>
<td>Painting Work</td>
<td>28330</td>
</tr>
</tbody>
</table>

- **Cost Of Building with GST**: 1034629
- **Cost Of Building without GST**: 848396
- **Architect's Fees**: 0
- **Contractor's Fees**: 0

**FINAL COSTING**
THANK YOU

STUDIO NAQSHBANDI
AUROVILLE