**Configuration**

- Bamboo columns and beams
- Light structure
- Recommended for up to 2 story only
- Diagonal bracings are essential
- Minimum size of bamboo post shall be 3’

**Construction Details**

- **Roof**
  - Thatch sheets
  - 2’ Bamboo purlin @ 2/c/c
  - on 3’ x 2’ bamboo rafter @ 4/c/c

- **Diagonal Struts**
  - Use 2’ bamboo diagonals struts in wall frames

- **Bamboo Columns**
  - 3’ bamboo posts

- **Bamboo Floor**
  - Bamboo mat floor
  - On 2’ bamboo joist @ 1’ c/c
  - On 3’ bamboo girders

- **Bamboo post Footing**
  - Bamboo post shall be embedded at least 9’ in the concrete foundation

- **Bamboo Joints**
  - Use bamboo dowels or nail at each joints and tie with GI wires.

- **Diagonal Bracings**
  - Use 2’ bamboo diagonal bracings at each corners