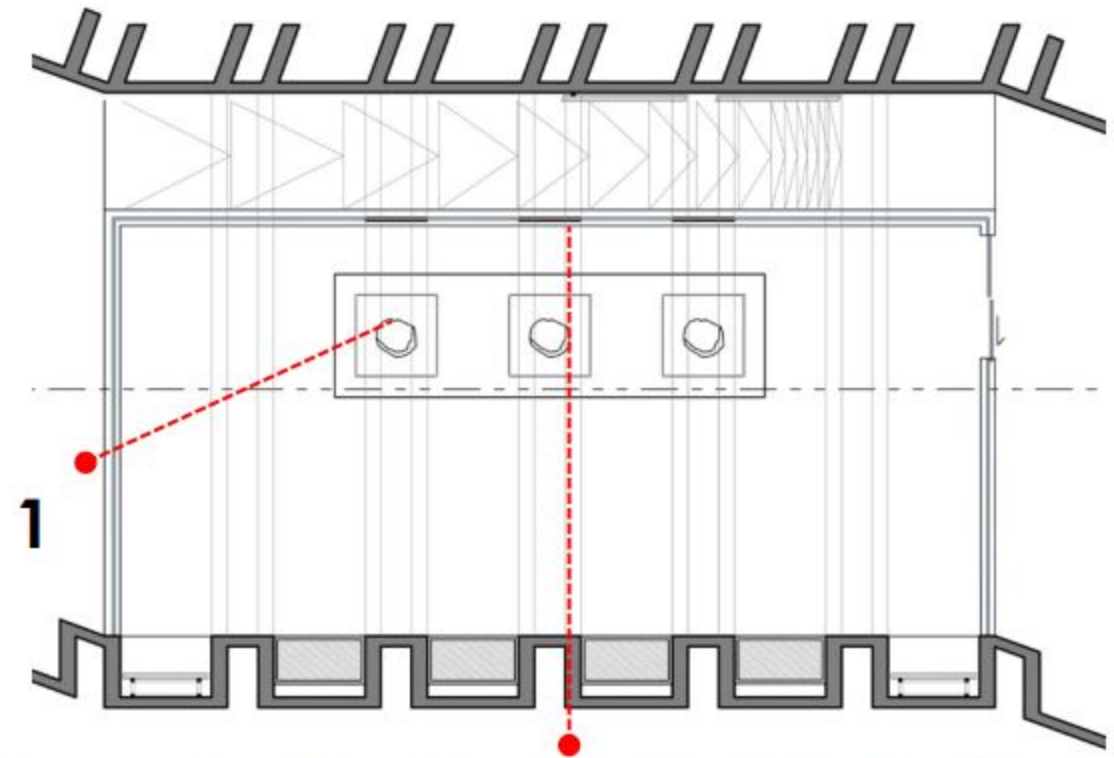
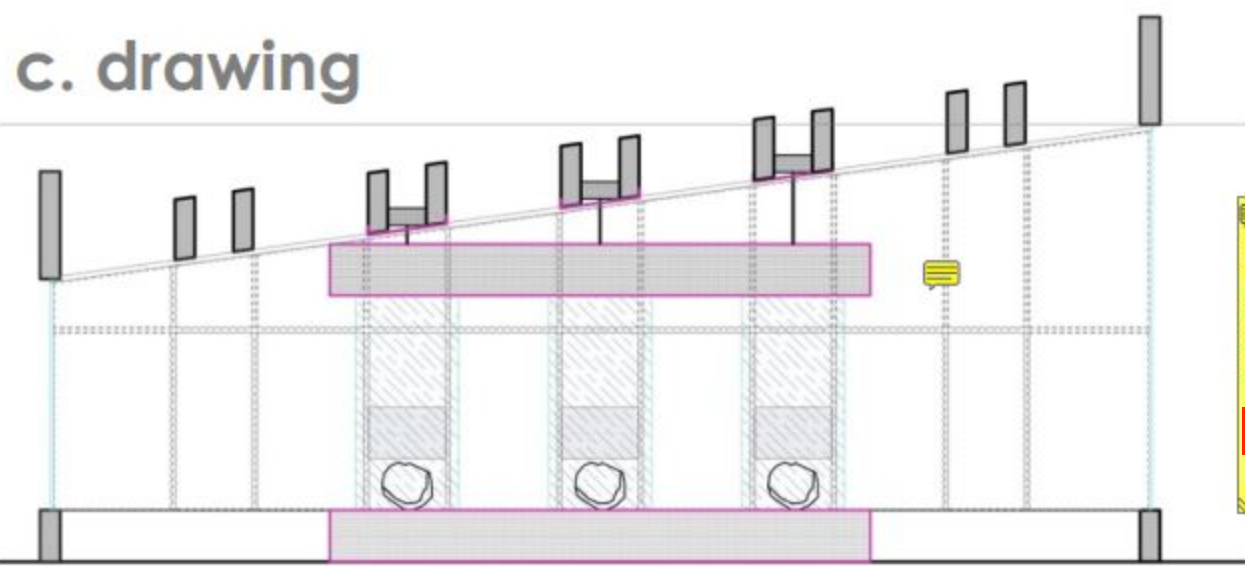


Element 1. Forces Of Nature

- a. **Design:** Sculpture garden with abstract stone sculptures being exposed consistently to the forces of nature namely, vibration, stream of water, gush of air
- b. **Theme:** Experimental exhibit to see how the natural forces shape the nature and our lives around it.

c. drawing



digital screen playing a time-lapse displaying the original form of the stone and the predicted form as per the analysis in the next 100 years

Note

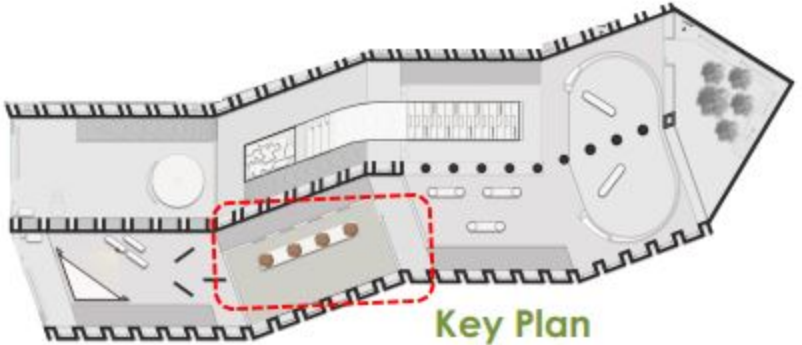
06/11/2020 04:45:11 PM

admin

Options

need more Clarity about this installation - what is to be done here?

Refer block detail drawing



D2 | BLOCK D

Element 1. Forces Of Nature



Gallery Area: 110 Sq m



Note 06/11/2020 04:45:29 PM

admin Options

need more Clarity, kindly clarify what needs to be done

Refer block detail drawing

Sculpture garden with pieces of rock exposed to the forces of nature namely; **water, air, earth's vibration**

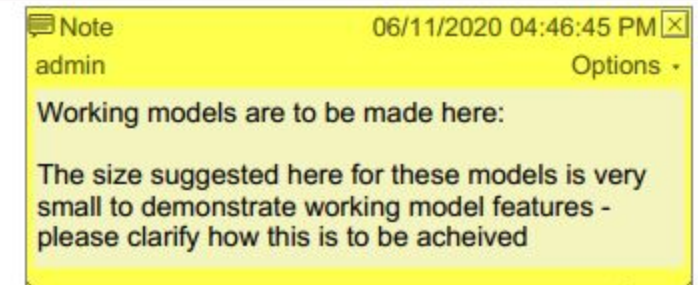
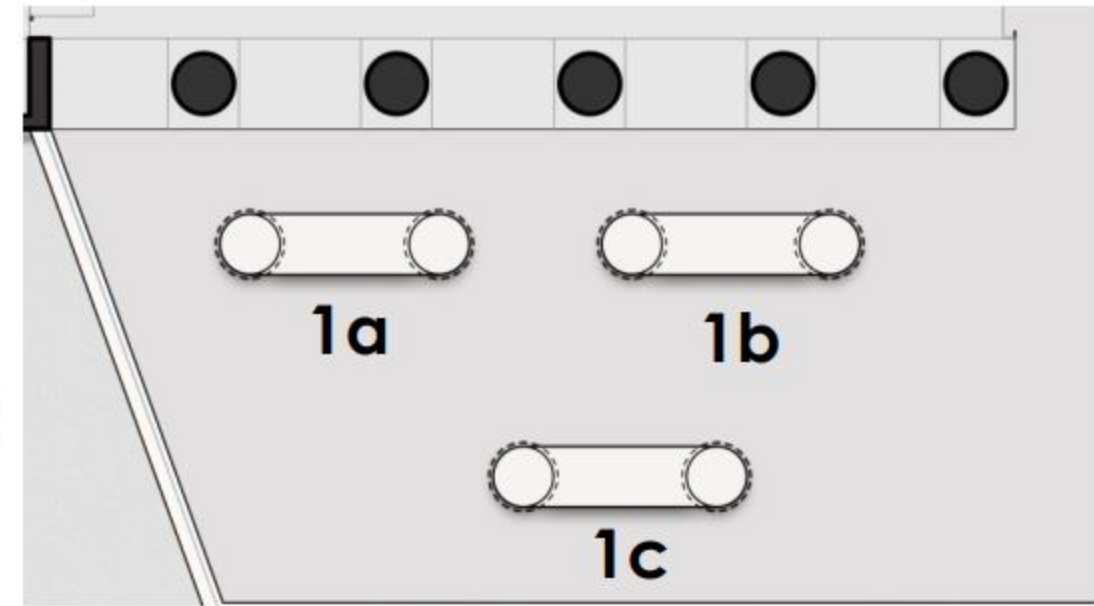
water earth's Vibration air

Element 1. The science of natural forces - Working Models OF Natural Disasters

a. Theme and design

1. Physical information panels with statistics and details about major disasters of Gujarat
2. models showing demonstrations of natural disaster concepts

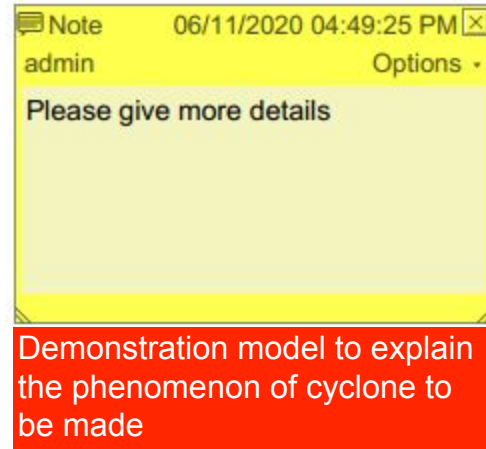
1. Table 1a: types of floods – 1 model of size 450 x 600 . – explaining minimum 3 types of flooding + 32" tv screen with animated explanatory videos for famine
1. Table 1b - Earthquake – as per existing reference – size 450x450mm + + 32" tv screen with animated explanatory videos for Volcano
2. Table 1c - Cyclone – as per reference image – transparent container that can be rotated by the users with 2 colour liquids. Size – 450 ht x 300 diameter + 32" tv screen with animated explanatory videos for drought



Refer block detail drawing. The model size to be custom made and adjusted as per the space available in the gallery with a expert model maker.



Element 1c. The science of natural forces – Working Model - Cyclone – via transparent container that can be rotated by the users with 2 color liquids



Element 1. under construction 1:1 model of a section of a building to showcase the building codes

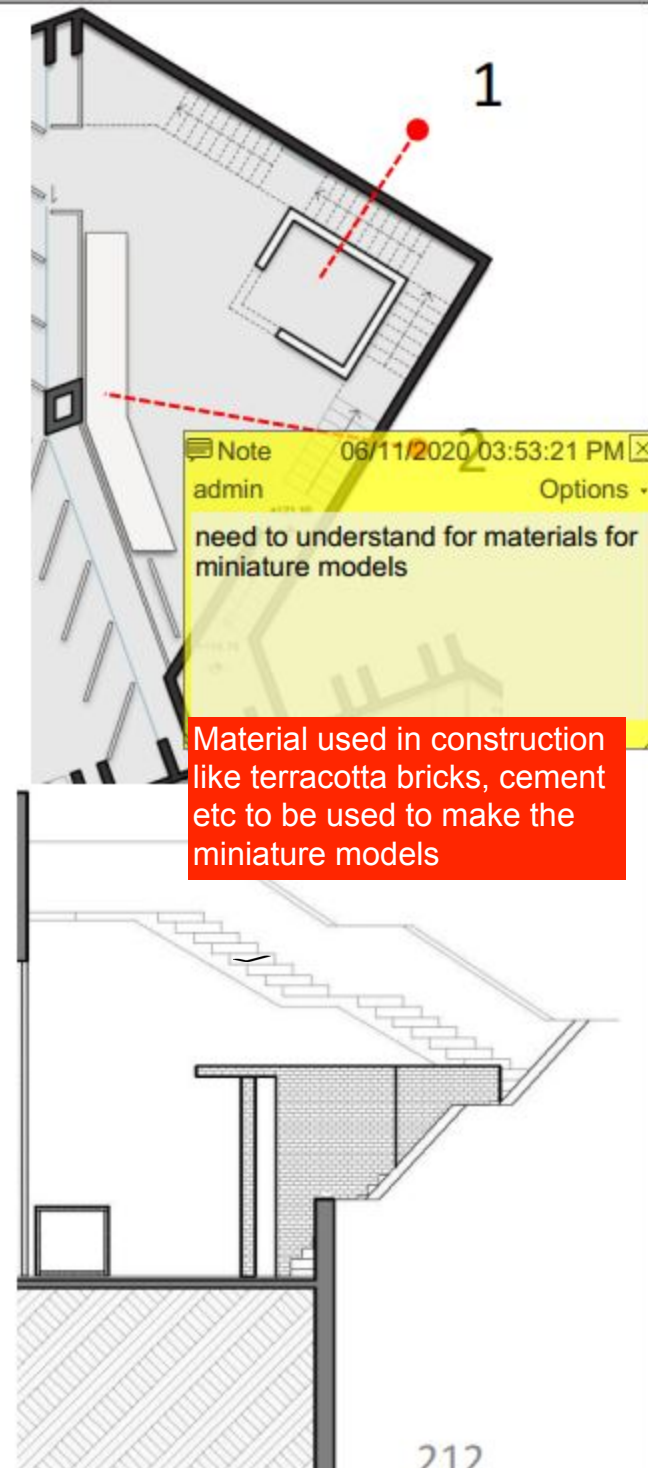
Element 2. Masonry Models and Display - miniature models of the building as per the codes made with the original materials

a. Theme

Hazard resistant construction technology
Bye-laws and guidelines established for

- Construction safety and building codes
- Training of masons
- Material usage based on local availability
- Gujarat Earthquake Emergency Rehabilitation Programme (GEERP)

b. moodboards



Element 1. under construction 1:1 model of a section of a building to showcase the building codes

Element 2. Masonry Models and Display - miniature models of the building as per the codes made with the original materials

Note 06/11/2020 04:59:21 PM
admin Options
Please clarify this as miniature models can be made using specific materials only - how can normal /original materials such as cement/steel be used to make to make such miniature models?

Custom made units can be made with specialised equipment in coordination with specialised model makers



Demonstration of safety

Theme



Photo 15

Photo 15: House plan for building permission

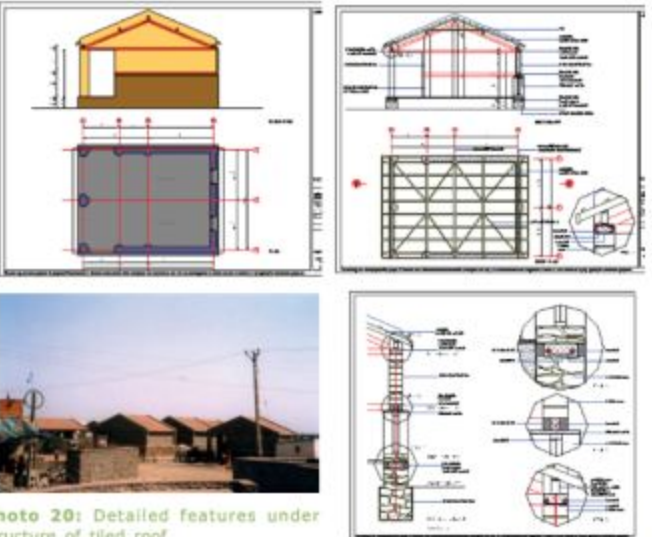


Photo 20

Photo 20: Detailed features under structure of tiled roof



Photo 13



Photo 14

Photo 13-14: New construction along seismic safety norms



Photo 9

Photo 9: House reconstruction and retrofitting initiatives



Photo 17

Photo 17: Demonstration on use of different local building materials (Technology Park)