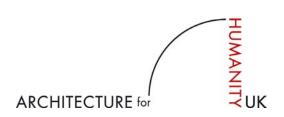
### **BALMITAR ECD CENTRE**

### **NEPAL**



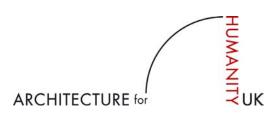




# SITE

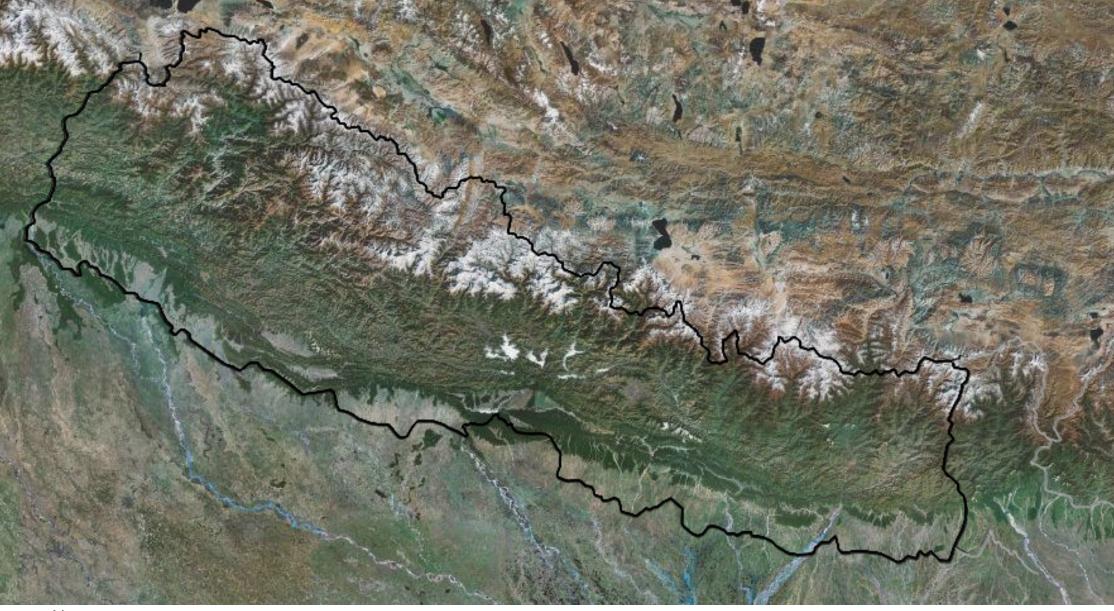
# ECD (Early Chlihood Development) Centre BALMITAR NEPAL

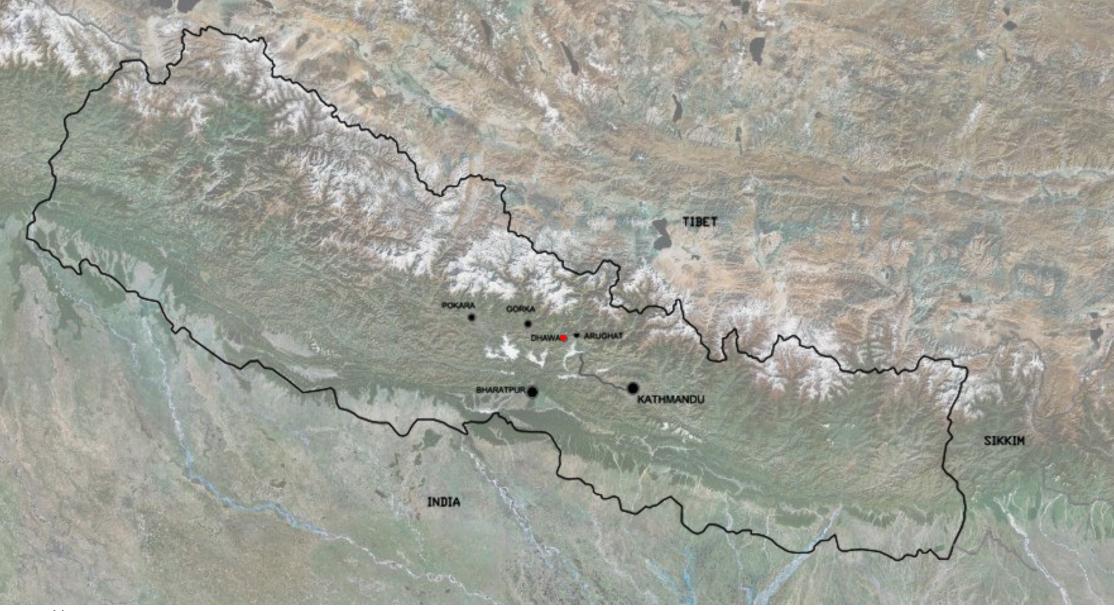












### NEPAL PHOTOS



Nepal landscape



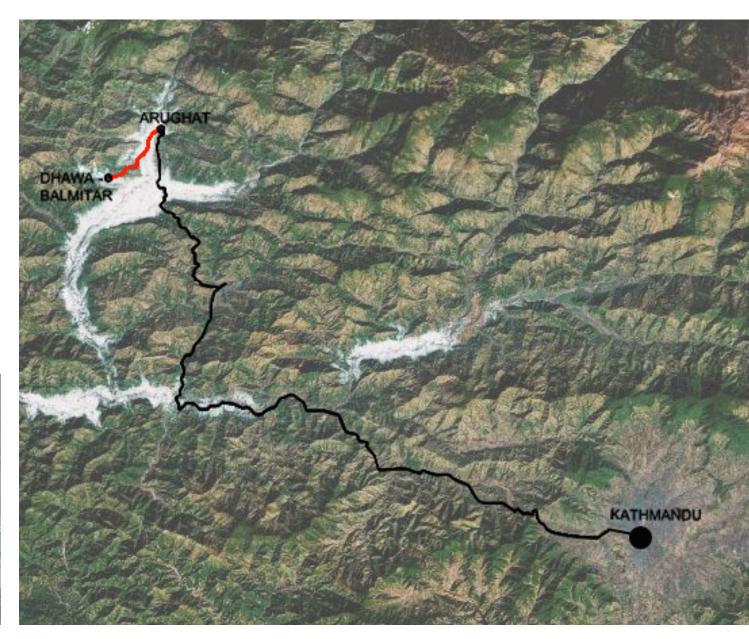
Nepal Buildings



### KATHMANDU - ARUGHAT

To get to Dhawa / Balmitar, it takes 8 hours by bus from Kathmandu to Arughat, village where the road stops. Then you have to walk.







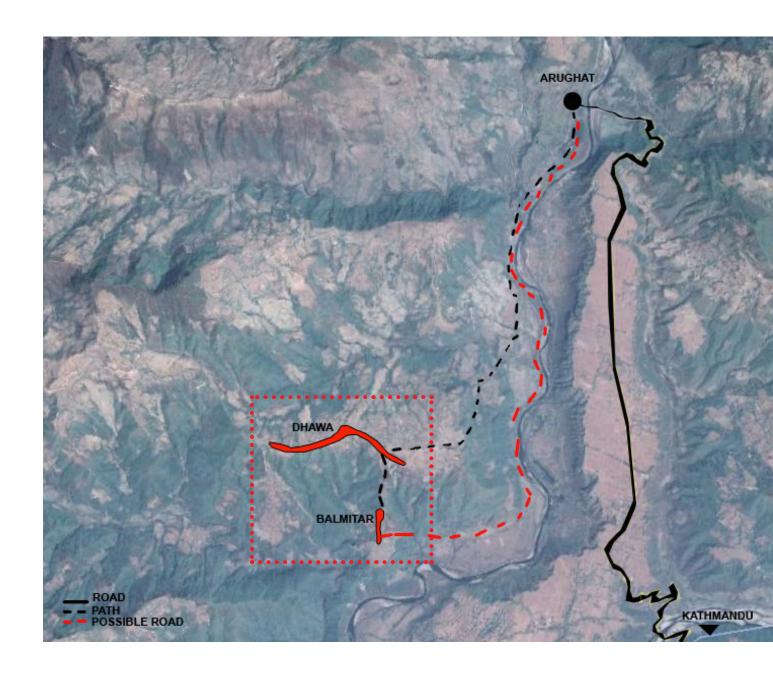


### **ARUGHAT - BALMITAR**

From Arughat it is a 2 hours walk uphill to get to Dhawa in the dry season. During the monsoon you usually have to walk 10 hours across the mountains.

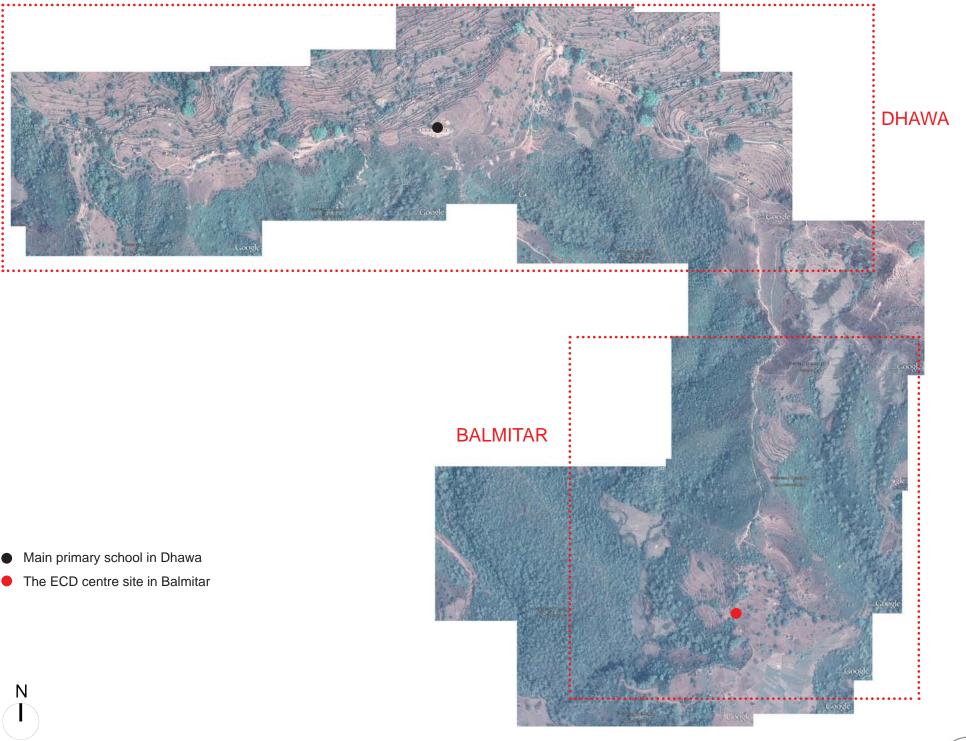








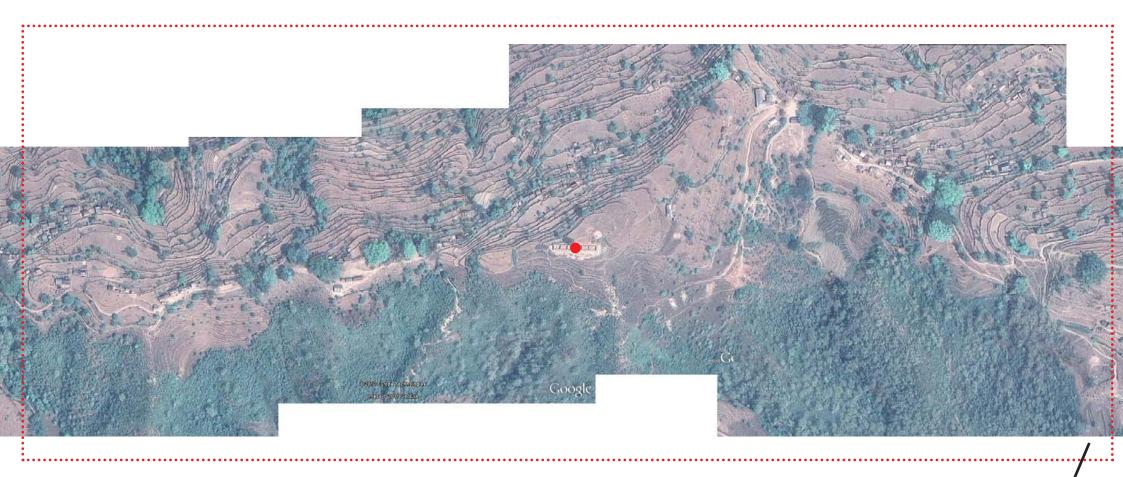




### LEARNING PLANET IN DHAWA



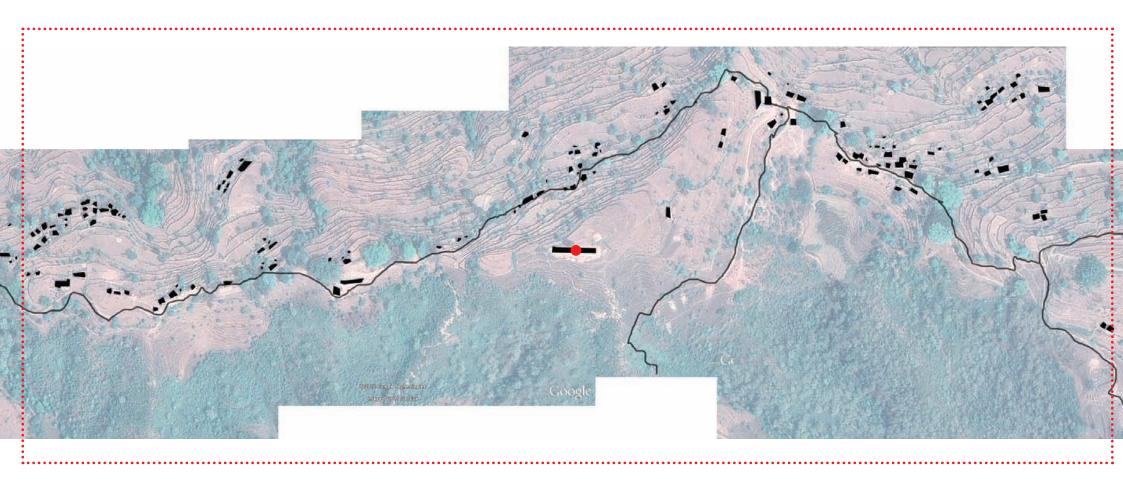




Main primary school in Dhawa

TO BALMITAR





Main primary school in Dhawa





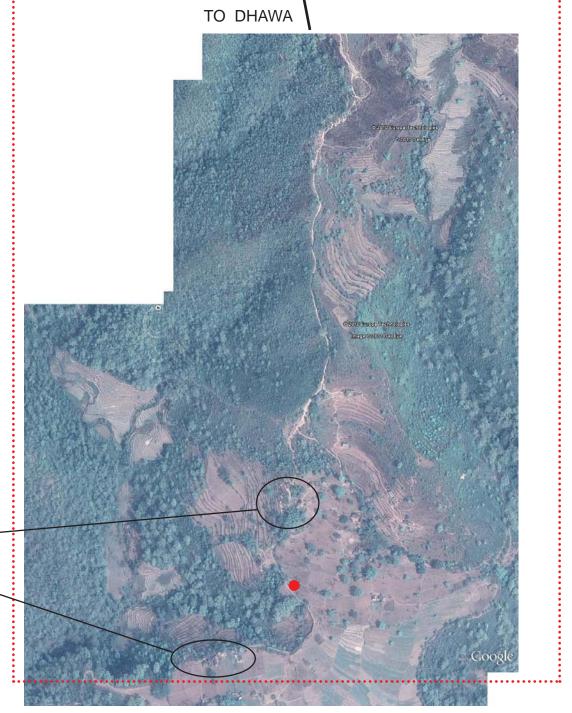
### **BALMITAR**

To get from Balmitar to Dhawa it is a 2 hours uphill walk, which is too dangerous for 3 to 5 years old children. They stay at school in Balmitar.

The new site is located between the two main aeras of Balmitar village.

The ECD centre site

Main parts of Balmitar village





### BALMITAR

The ECD centre site





### DHAWA PHOTOS



Dhawa village

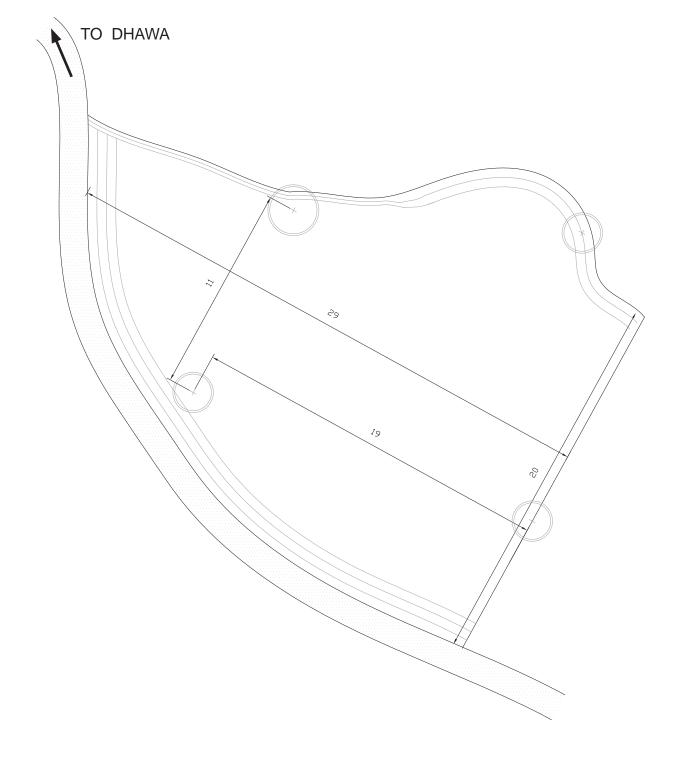


Buildings





### SITE PLAN







### SITE PHOTOS



Arriving to the site from Dhawa, North.



The site view from North / West

### SITE PHOTOS

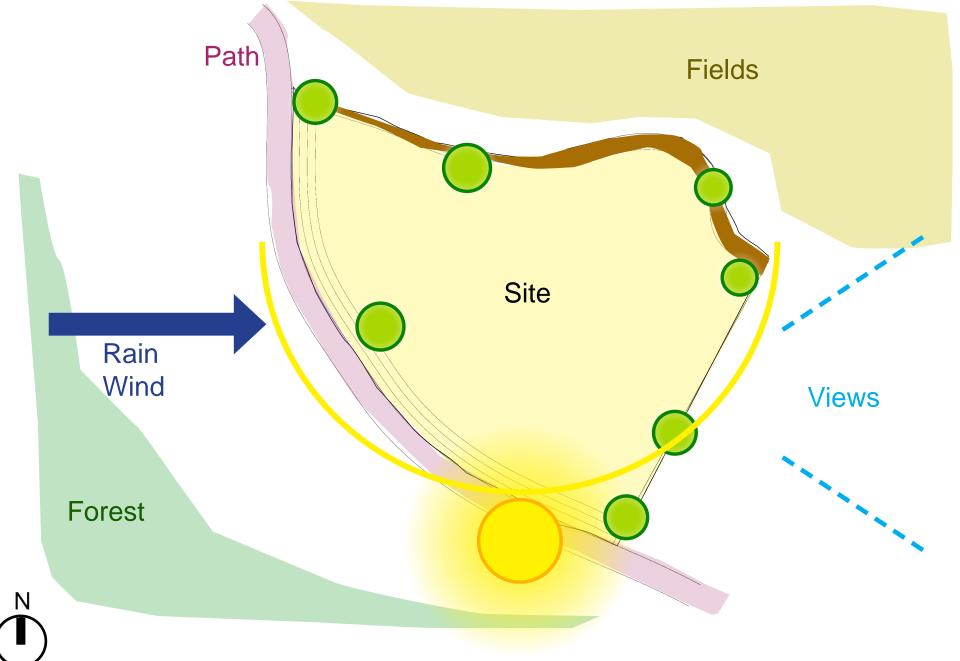


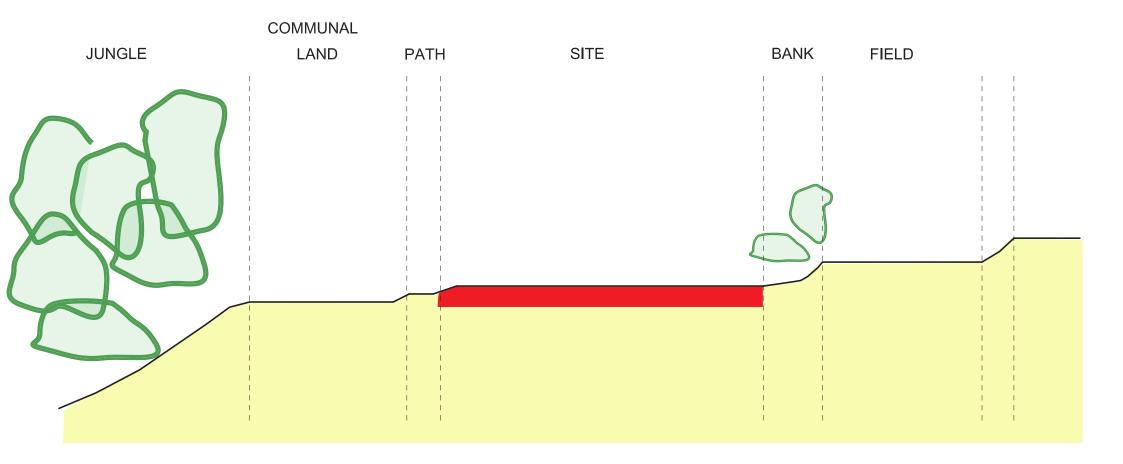
Communal land in front of the site



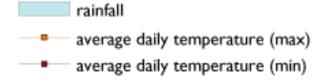
The site view from East and top

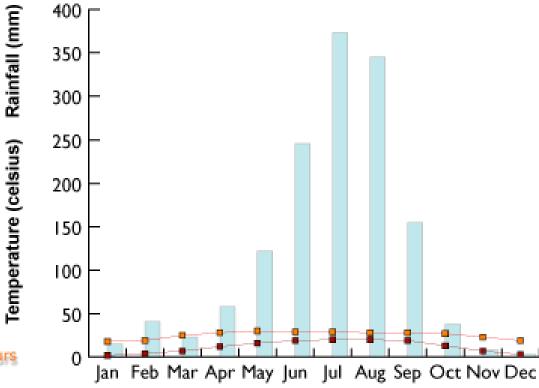


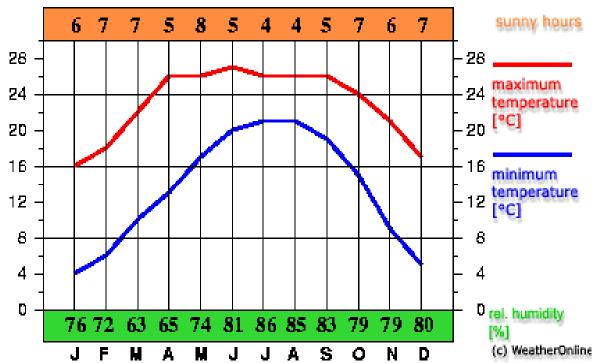




**CLIMATE** 



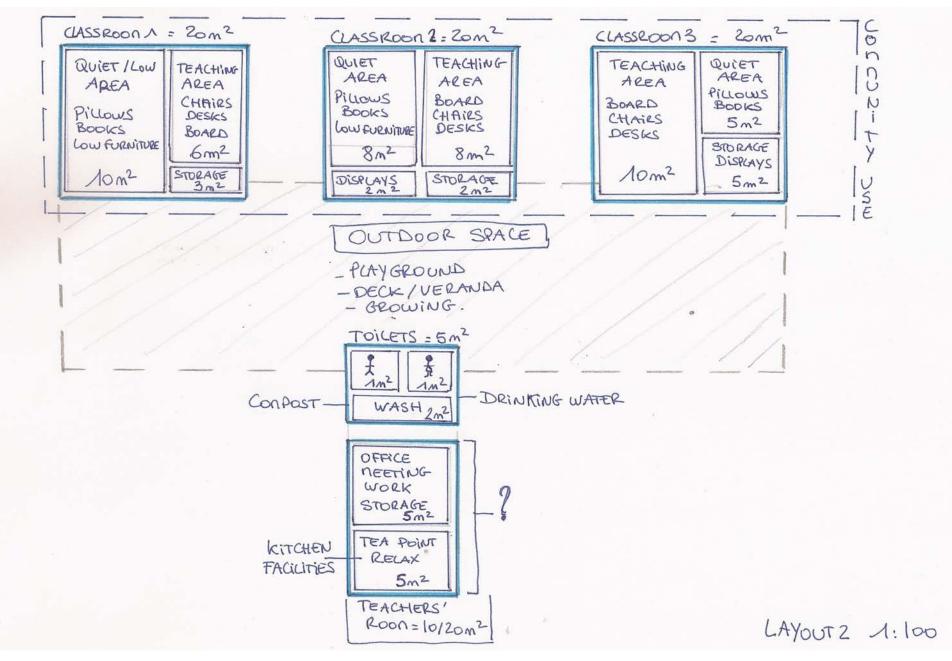








### THE BRIEF





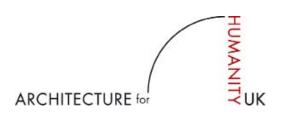
# CONCEPT/CURRENT DESIGN, MATERIALS & SUSTAINABILITY

ECD (Early Chlihood Development) Centre

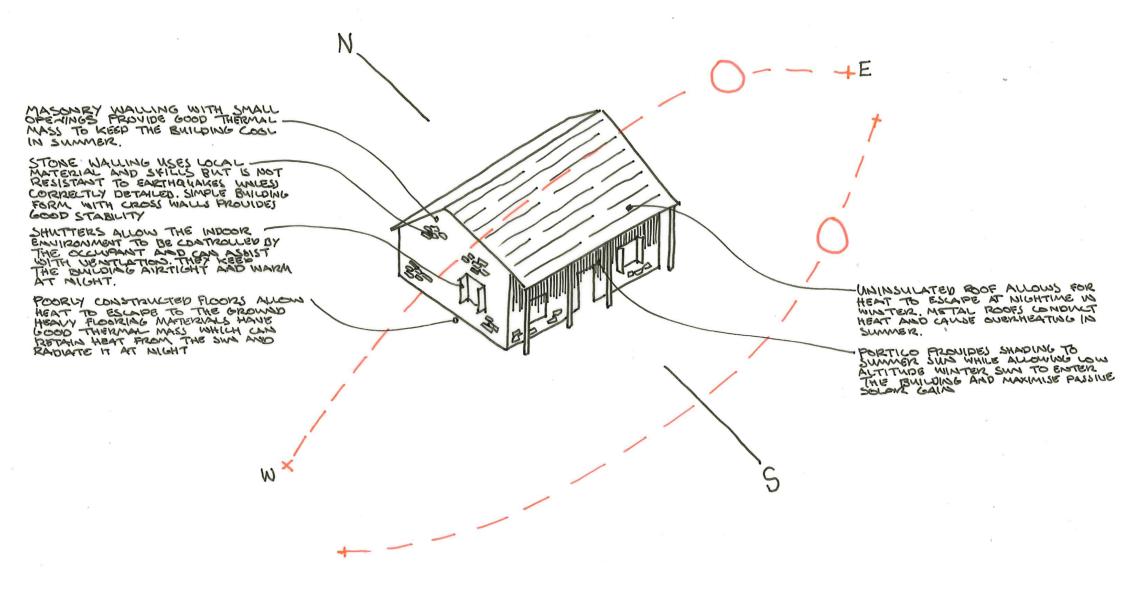
BALMITAR

NEPAL





#### **EXISTING TYPICAL CONSTRUCTION**





# SOLAR DIAGRAM BALMITAR\_ECD Centre\_NEPAL

### LANDSCAPE SITE PLAN



### Option 2:

- Three small buildings linked by a overhole roof.
- The nursery is treated as a special building.
- The two other classrooms can be open to each toher to create a bigger space.
- The internal covered courtyard creates a gathering and communal space.



### MATERIALS

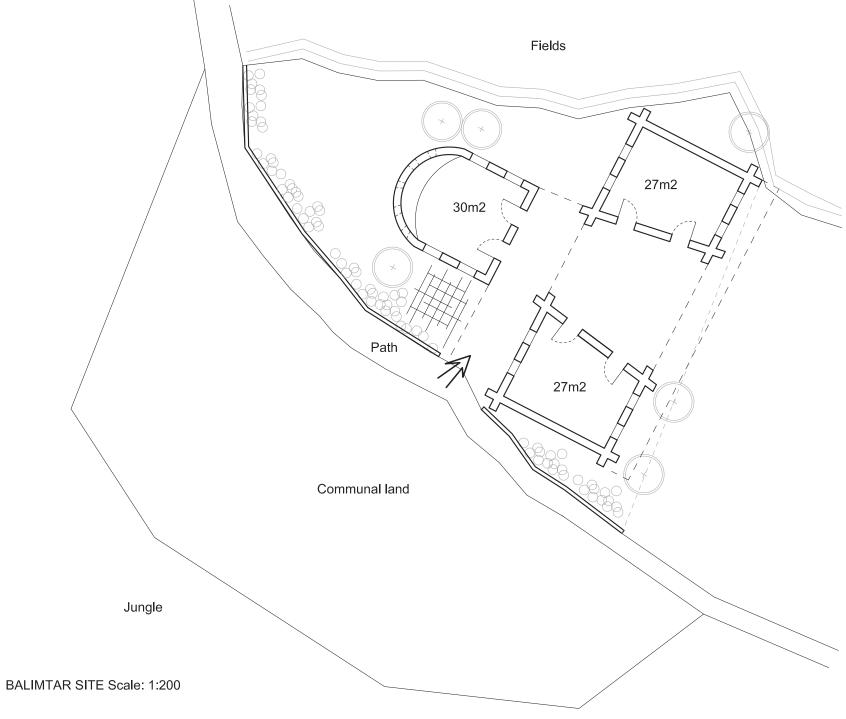


Stone walls and timber structure for roof



Bamboo screens for openings

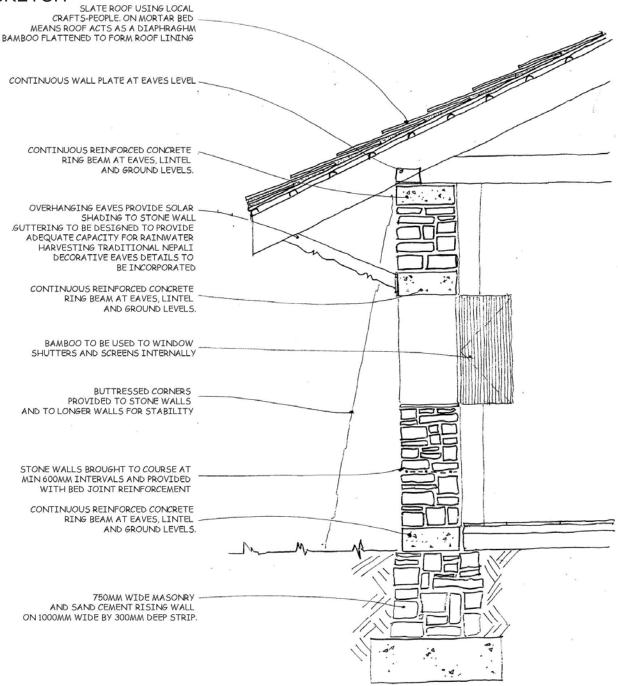








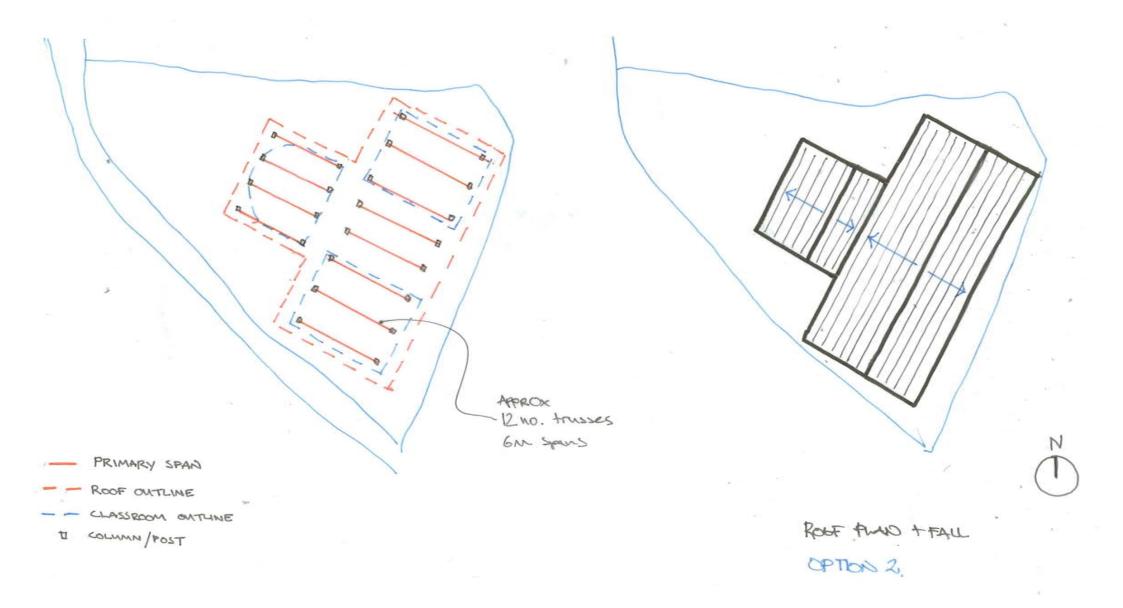
### TYPICAL CROSS SECTION SKETCH

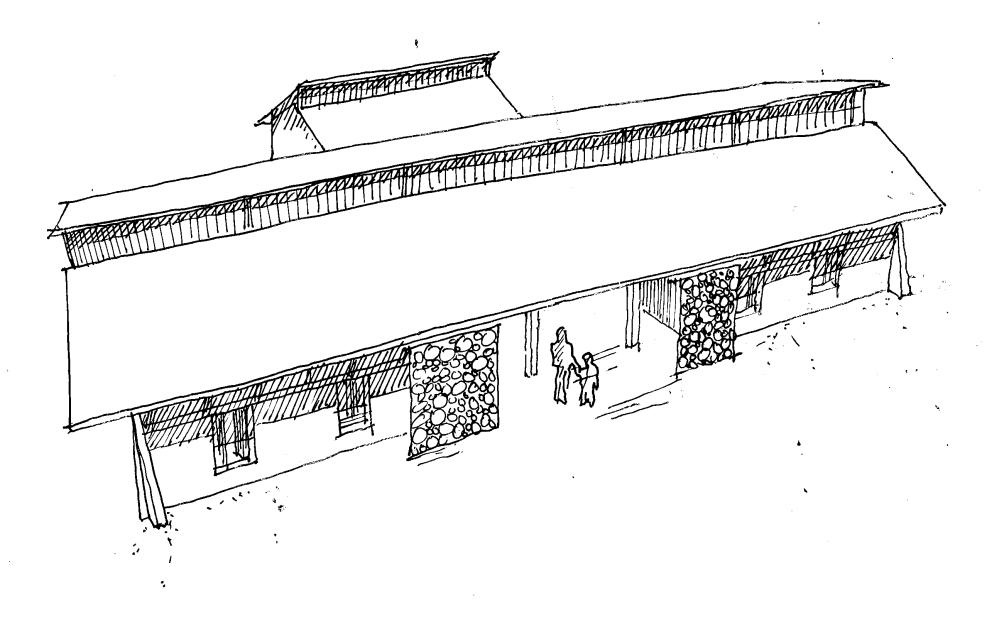




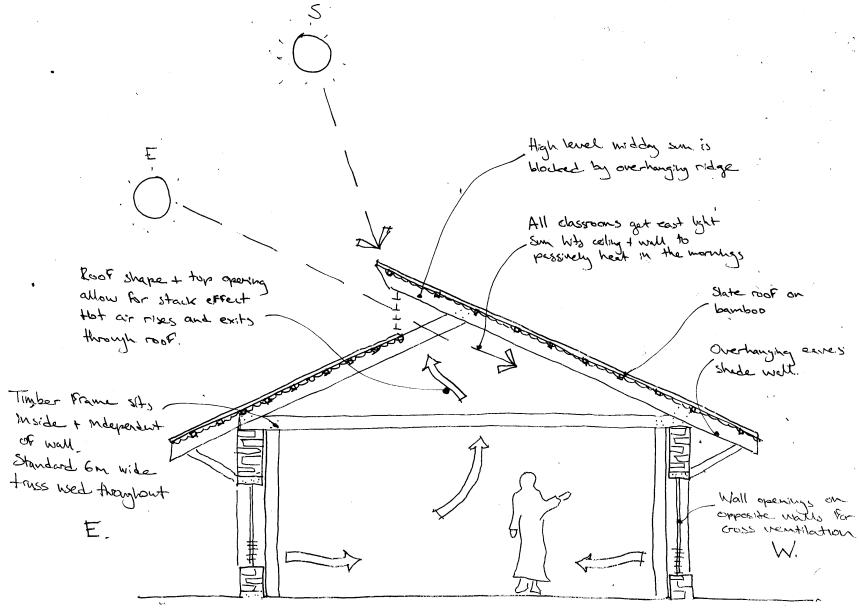


### **ROOF SKETCHES**



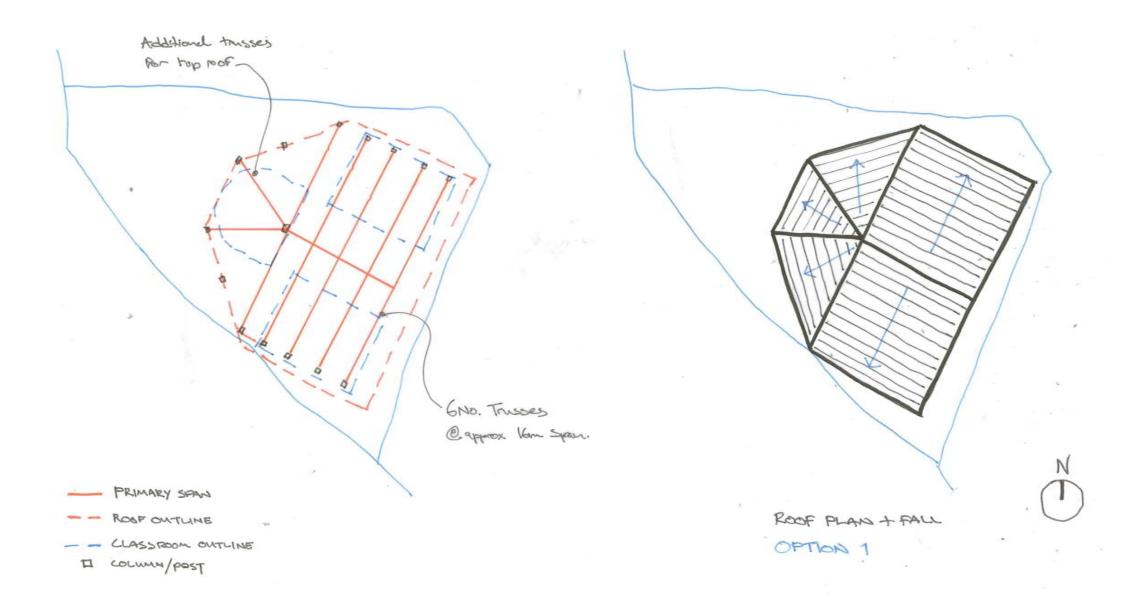


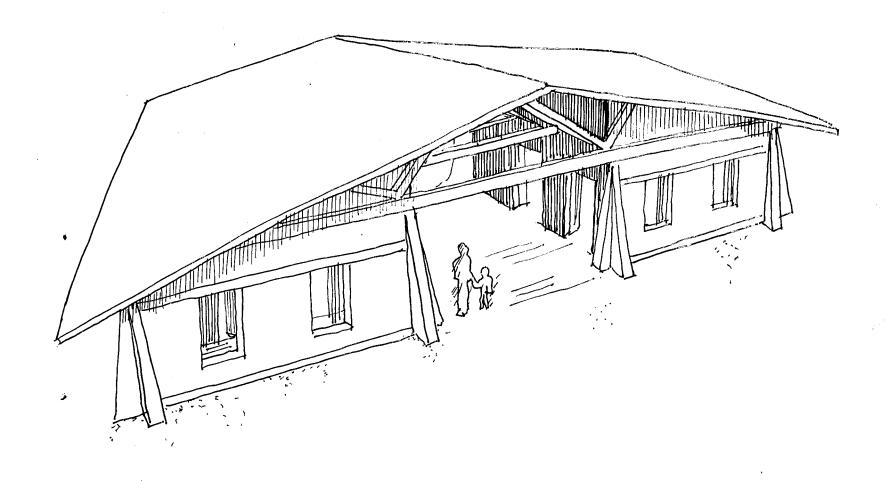




OPT 2. TYPICAL SECTION

### **ROOF SKETCHES**





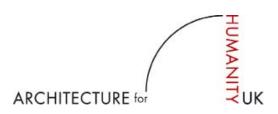
OPT 7 VEW FROM SOUTHEAST



## INTERIOR & MATERIALS

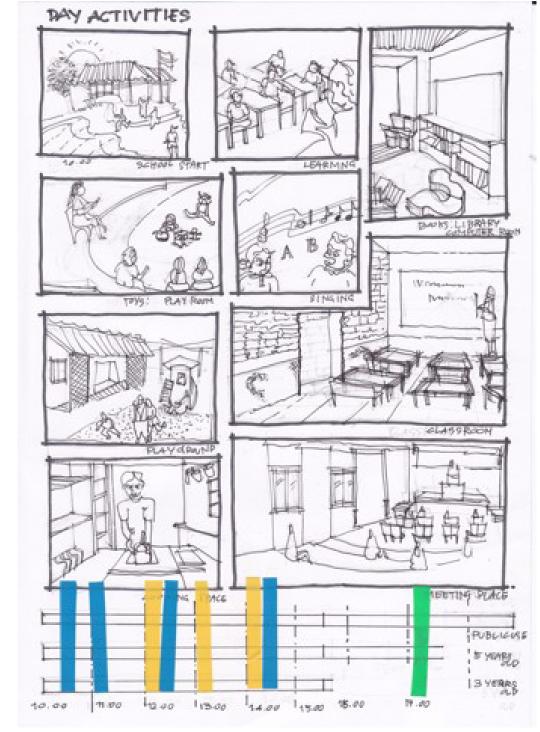
# ECD (Early Chlihood Development) Centre BALMITAR NEPAL





### **STORYBOARD**

- -Students' daily life
- -What do they do everyday?







BALMITAR\_ECD Centre\_NEPAL

### CONCEPT

- -Rice terrace
- -Colours
- -Natural lighting



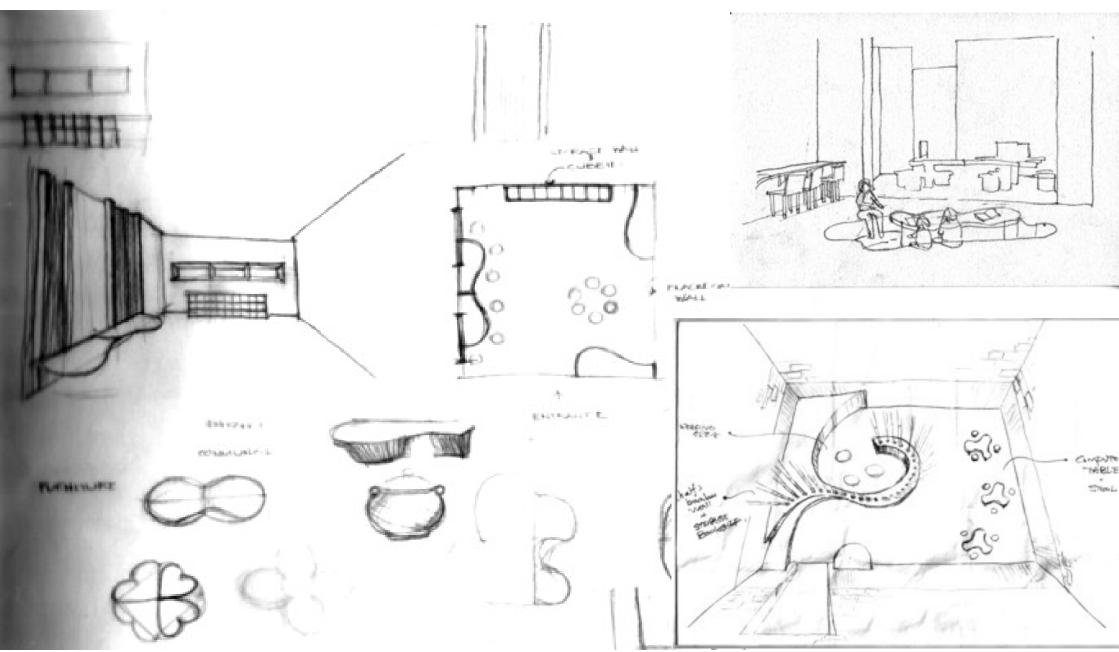








### SPATIAL STUDIES

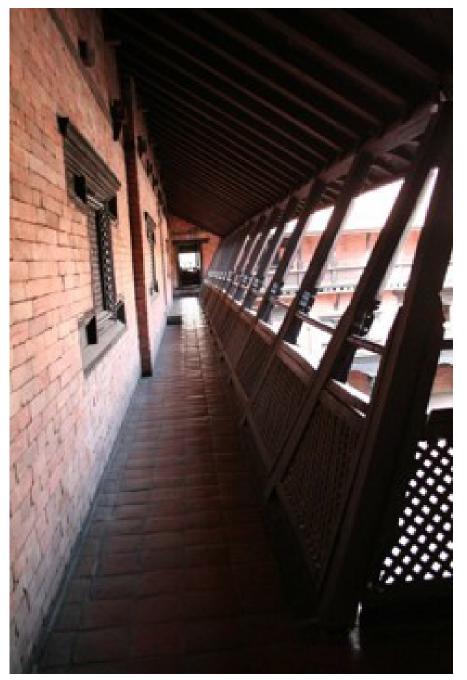




### MATERIALS

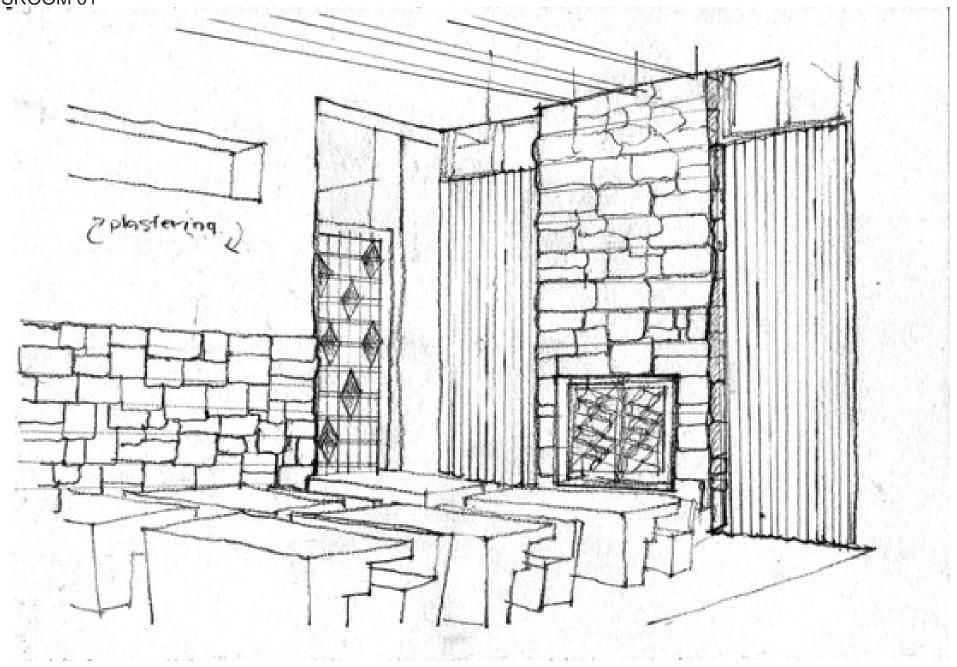
- -Weaving
- -Timber
- -Brick
- -Stone







CLASSROOM 01







### CLASSROOM 02











### **BAMBOO RESEARCH**

- -Giant, fast-growing grasses that have woody stems.
- -Bamboo are distributed in tropical and subtropical to mild temperate regions.
- -With the heaviest concentration and largest number of species in East and Southeast Asia and on islands of the Indian and Pacific oceans.
- -Bamboo culms can attain heights ranging from 10 to 15 cm (about 4 to 6 inches) in the smallest species to more than 40 m (about 130 feet) in the largest.
- -The largest bamboo stems supply planks for houses and rafts, while both large and small stems are lashed together to form the scaffoldings used on building-construction sites.
- -Also used to make furniture.
- -Some species of bamboo are used as ornamentals in landscape gardens.



