

# KWA IWO

**AFRICAN SCHOOL PROJECT**  
EDUCATION FOR THE FUTURE



## ADMINISTRATIVE BLOCK MAIN BUILDINGS



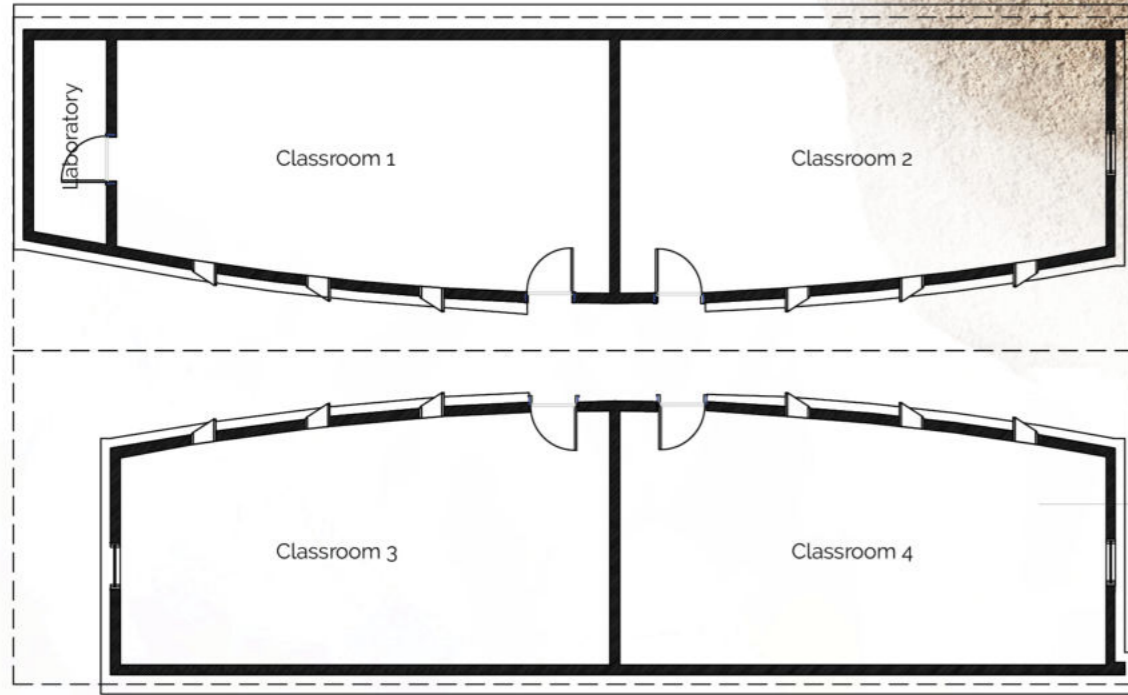
### ABOUT THE WIND

The general aspect of our design focuses on the use of wind to cool the buildings, they are oriented so that the central corridor captures the Eastern wind.



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## 4 CLASSROOMS 1 LABORATORY

**WALLS IN COMPRESSED EARTH BRICKS**  
Materials and labor on site.

**ROOF FRAMEWORK IN TIMBER**  
Materials and labor on site.

**WICKER BRAIDING**  
Promotes shade by kitchens and bathrooms of the residences.

**WOODEN SHUTTERS**  
Closes windows and acts as a sunscreen.

**IRON SHEET ROOF PANELS**  
Materials and labor on site.

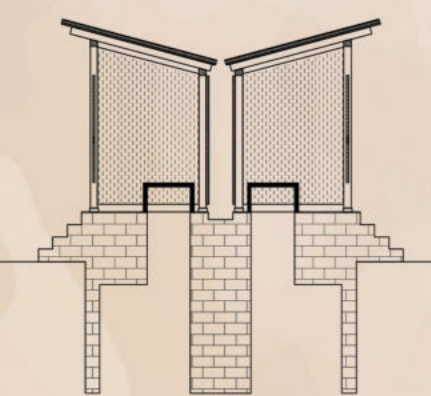
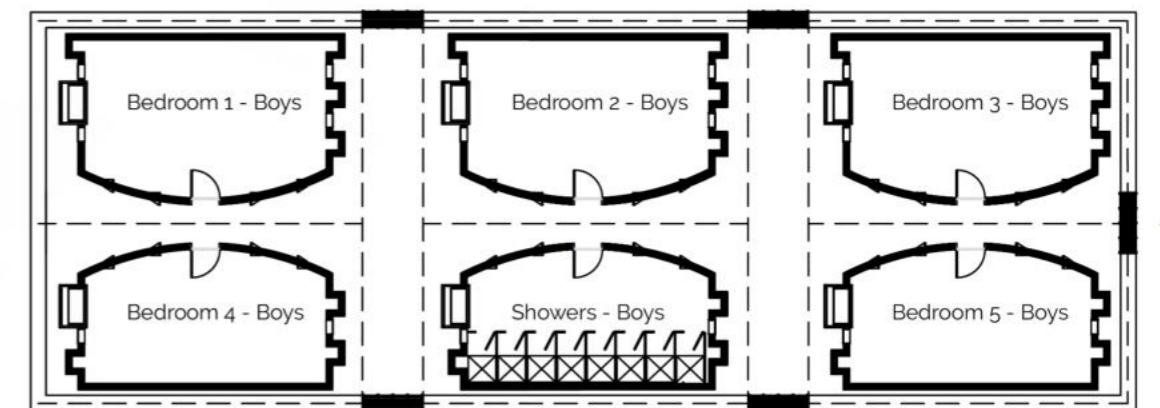
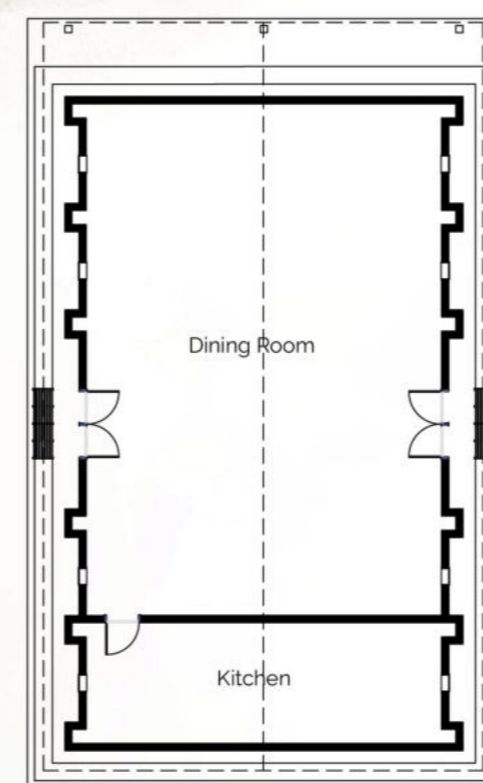
**ANTI-INSECT PAINT (ARTILIN 3A MATE)**  
Coating on all interior walls. Non toxic for children.

**CONCRETE FOUNDATIONS**  
Cast under the main buildings.

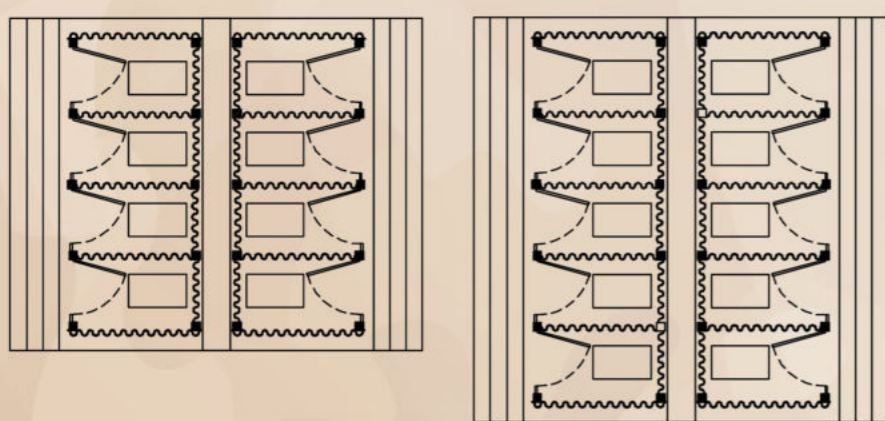
**SOLAR PANELS (538.2 sqft)**  
Located solely on the roof of the administration building supplying the whole school.

**WATER BARRELS**  
Arranged on the roof buildings requiring access to water (bathrooms, kitchens...)

## 2 DORMITORIES 2 SHOWERS ROOMS



**DRY LATRINE**  
Dormitories: eight dry latrines stalls are set either side of the buildings so as to keep the sexes separate.  
Classrooms: ten dry latrine stalls are set either side of the buildings so as to keep the sexes separate.



## 12 BASIC HOUSES WITH 3 BEDROOMS

