



COURTYARD



WALKWAY



PHARMACY



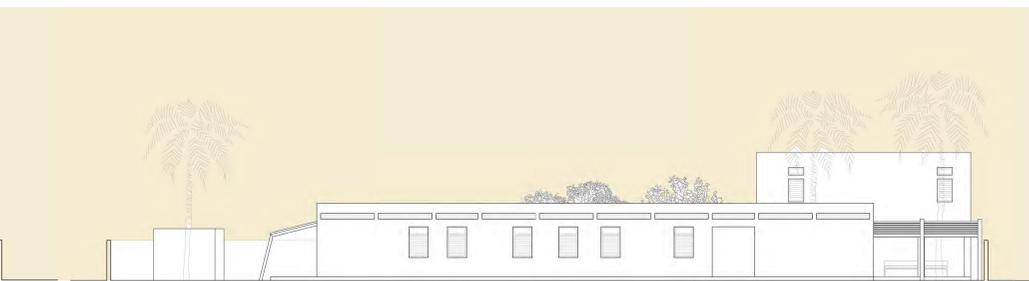
EXAM ROOM



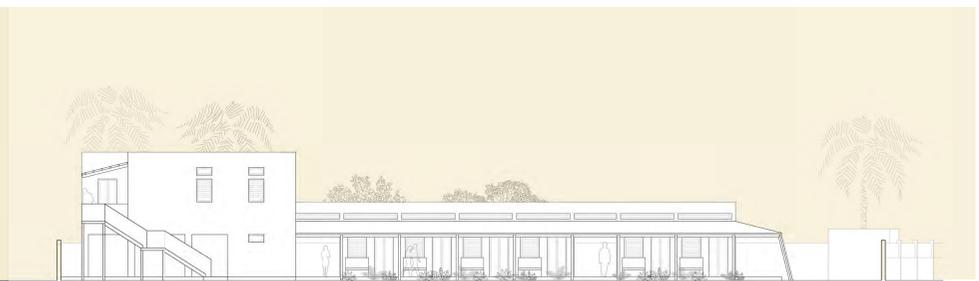
WEST ELEVATION
1/8"=1'0"



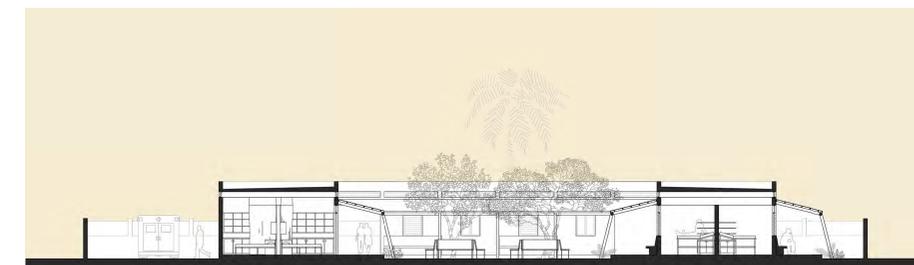
SOUTH ELEVATION
1/8"=1'0"



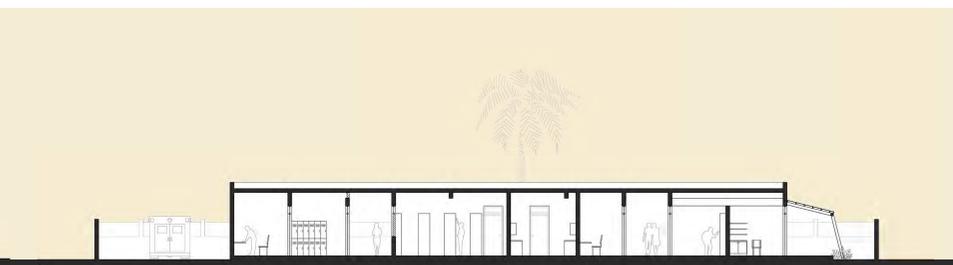
EAST ELEVATION
1/8"=1'0"



NORTH ELEVATION
1/8"=1'0"



SECTION A
1/8"=1'0"



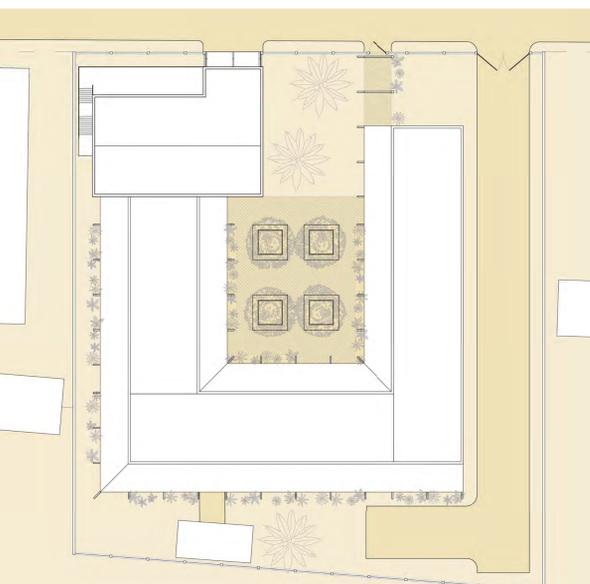
SECTION B
1/8"=1'0"



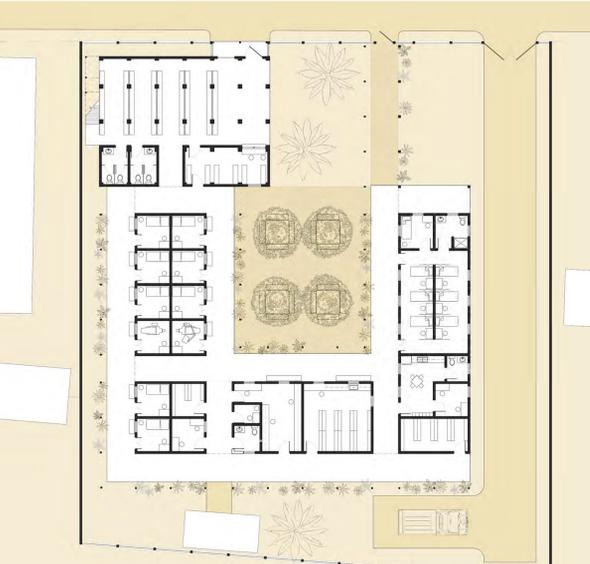
SECTION D
1/8"=1'0"



SECTION C
1/8"=1'0"



ROOF PLAN
1/16"=10"



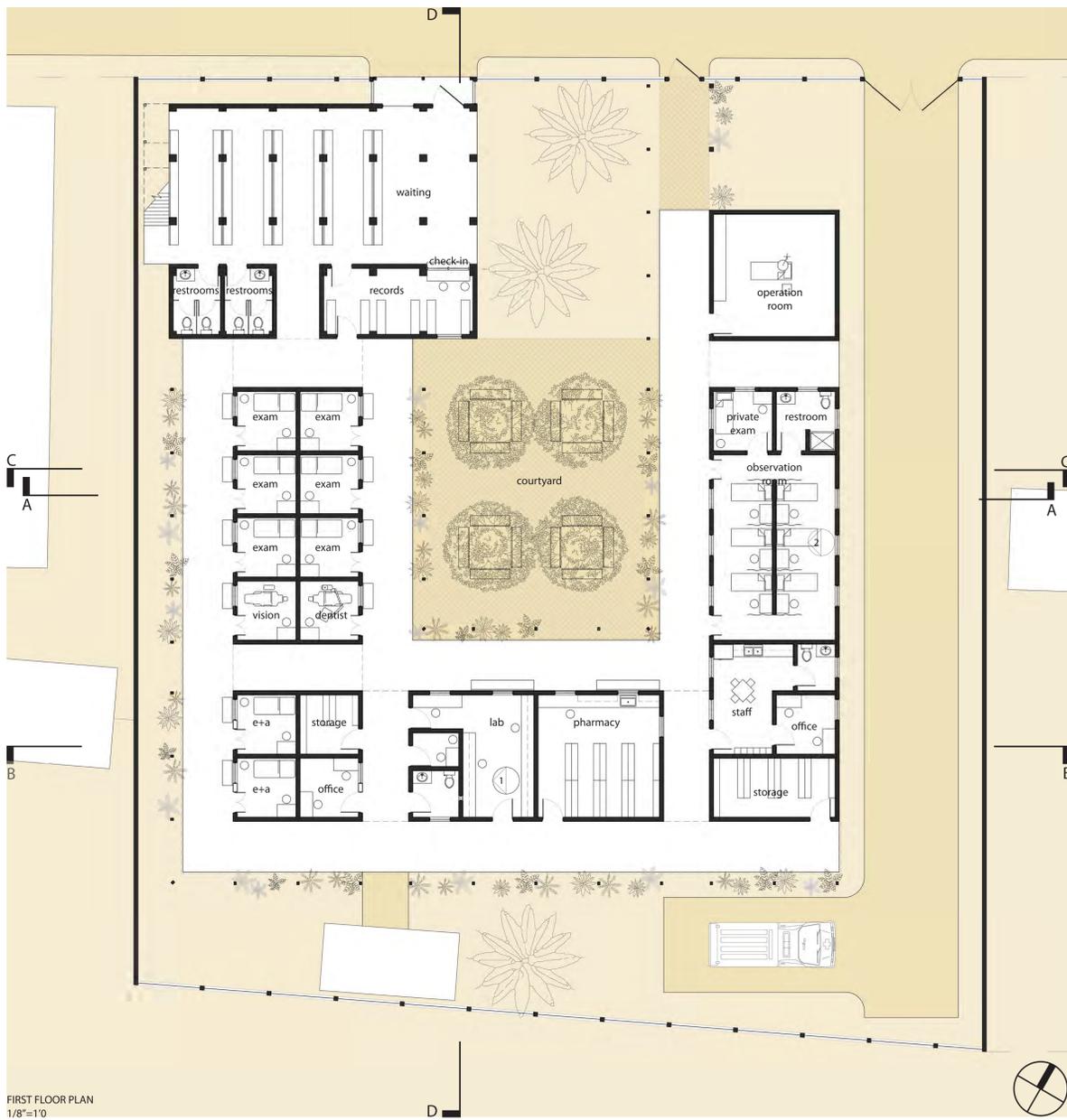
FIRST FLOOR PLAN W/O OPERATION ROOM
1/16"=10"



CITY OF FORT LIBERTE



SITE PLAN



FIRST FLOOR PLAN
1/8"=10'



Clear way finding and clear circulation is the main focus of the design and ultimate layout of the space. The simple u-shape allows the patients to enter into one point, progress through the space, and exit through a separate point. Additionally, the shape of the clinic provides staff members with clear views of all of the spaces facing the courtyard. Different colors also differentiate between the separate buildings aiding patients in where to go. The specific spaces also progress according to a patient's severity.



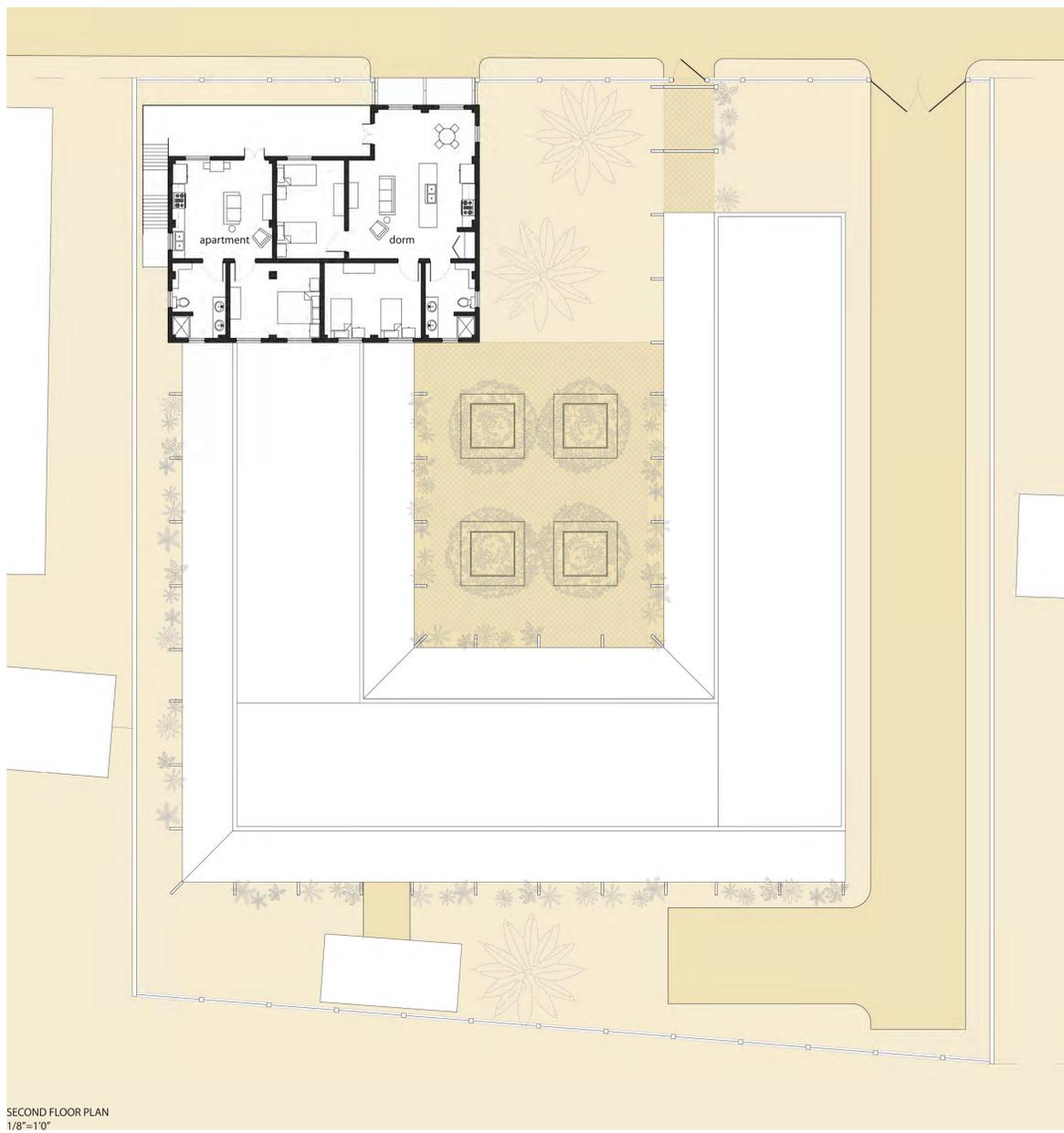
The clinic is oriented to allow the north, north-eastern winds from the bay to pass through all interior spaces. These winds pass through large louvered windows or through a breathable wicker material. A central courtyard and walkways produce breezeway effects throughout the clinic.



An underlying eight inch grid is found through all of the spaces of the new clinic. This allows for all walls and columns to align, as well as easy construction at the time of building. In addition to the eight inch grid, there is an organized structural grid for the columns and beams to align to. This helps to keep the design simple and will conclude in a very well put together building.



Good lighting is very important in a healthcare setting. Similar to the ventilation, large windows with either louvers or a breathable wicker material allow light to filter into all spaces of the interior. Additionally, the walls dividing the exam rooms have a lower height than the exterior walls to allow more light into the spaces. The roof above the circulation spaces also create a light shelf effect, bouncing natural light off of the roof into the clerestory windows.



SECOND FLOOR PLAN
1/8"=10"



Because there is no continuous system of running water for the clinic, a water collection and filtration system is important. Concrete roofs prevent leaking and allow all rain to be collected through a gutter system molded into the roof itself. The water will run to various points on the roof to downspouts to then be collected in one large cistern. At night this water will be pumped into gravity cisterns to provide water in particular areas during the day.



The use of regional materials on the clinic provides the local community with jobs, as well as keeps the cost of construction lower than importing all materials from another location. The use of concrete, wood, wicker, and iron also is sensitive to the existing culture of Haiti.



A central courtyard was a key element of the design from the beginning. It creates a space for additional waiting space and a gathering place for after hour's education programs. The large trees also provide lots of shade that helps to cool down the interior rooms.



Both privacy and security are lacking in the current facility. In this design the waiting spaces are separate from the exam spaces, as well as each room is large enough for one patient, a family member, and a nurse or doctor. Iron work is located on the windows of the check-in/records room and the lab and pharmacy. This helps to provide order to the check-in process, and keep the medical supplies and pharmaceuticals secure.

