

**SUMMARY OF 1<sup>st</sup> ZOOM CONFERENCE**  
**FOR SHIKUNGA'S**  
**CRAIG MEMORIAL MEDICAL CLINIC**  
**(11/01/20)**

- I. Size and structural design of clinic
  - A. There was general agreement that the current plan of 50'X80' dimensions make sense.
    - 1) It was also agreed that the initial clinic design needs to allow for possible future expansion in a way that any future add-ons can be easily done without detracting from the efficiency and flow within our initial design.
  - B. The exterior of the building will be "bricks & mortar" This may also be used for interior walls, but Stephen will discuss this further with Engineer Asava in Shikunga to see about other material options for these interior walls and relative costs.
    - 1) Due to the need for separation between the tops of conference rooms and the roof (for much needed ventilation), it was agreed that this is a higher priority than making conference rooms more enclosed for sound-proofing, as patient privacy doesn't seem to be a high priority in underdeveloped countries.
  - C. A metal roof is preferred and commonly used in western Kenya.
  - D. The need for a good reliable generator will be needed to insure consistent, dependable electrical power.
    - 1) It was also suggested that we explore the implementation of solar power (with storage batteries) and possibly even wind power, if clinic location a wind consistency would make this option feasible.

- E. We need a better drawing of the layout of the village of Shikunga, so that we can make sure the new clinic is positioned well within the village and that additional space is available for future add-on to the building, if needed.
- F. We also need to make sure that the clinic site and exterior waiting area are properly elevated to allow for good drainage.

## II. Floor plan

### A. General layout

- 1) All conference participants like the idea of having a business office (i.e. payment desk) and pharmacy, on either side of the 6' wide double doors for the front entry
- 2) In general, the 10'X15' conference room size seem appropriate.
  - a) For the two conference rooms adjacent to the storage room, these rooms should be combined together for the purpose of allowing for at least minor surgical procedures.
    1. It was suggested that we have a movable wall in this surgery room, to allow flexibility of splitting this room into two conference rooms for some medical teams with different non-surgical needs. We might even want to incorporate this movable wall option for two conference rooms on the opposite side of the building.
- 3) Storage room
  - a) This storage room needs to be the same size or slightly larger to house equipment that will need to be traded out to accommodate medical teams of various specialties.
  - b) We will need a lot of shelving along one side of this storage room to store supplies and smaller equipment.

- c) We will need a large door (approx.. 6' wide in the rear wall of the building, allowing for equipment to be easily moved in and out. We could either have conventional double doors or a pull-down garage type door design for this exterior door off the storage room.
  - d) We will also need an equally wide door between the storage room and the operating room.
  - e) We will also likely need one of these wider doors between the storage room and the central large waiting area room, as well as one of these wider doors for one of the conference rooms on the opposite side (maybe also with a movable wall for an extra surgery/dental room.
- 4) Central waiting area
- a) The size of this room seems about right, allowing for one or two desks and a lot of movable seats.
  - b) It was suggested that we might want to include a few ceiling fans in this waiting room, as well as optional portable fans in each of the conference rooms.
- 5) Outside waiting area
- a) For protection from sun, heat, and rain, it was suggested that we might want to have an additional metal roof in front of the building to all for an expanded waiting area.
- 6) Bathrooms
- a) The placement of the men's and women's bathrooms, along with the positioning of toilet and sink looks good.
  - b) There will be a external septic system adjacent to these bathrooms.