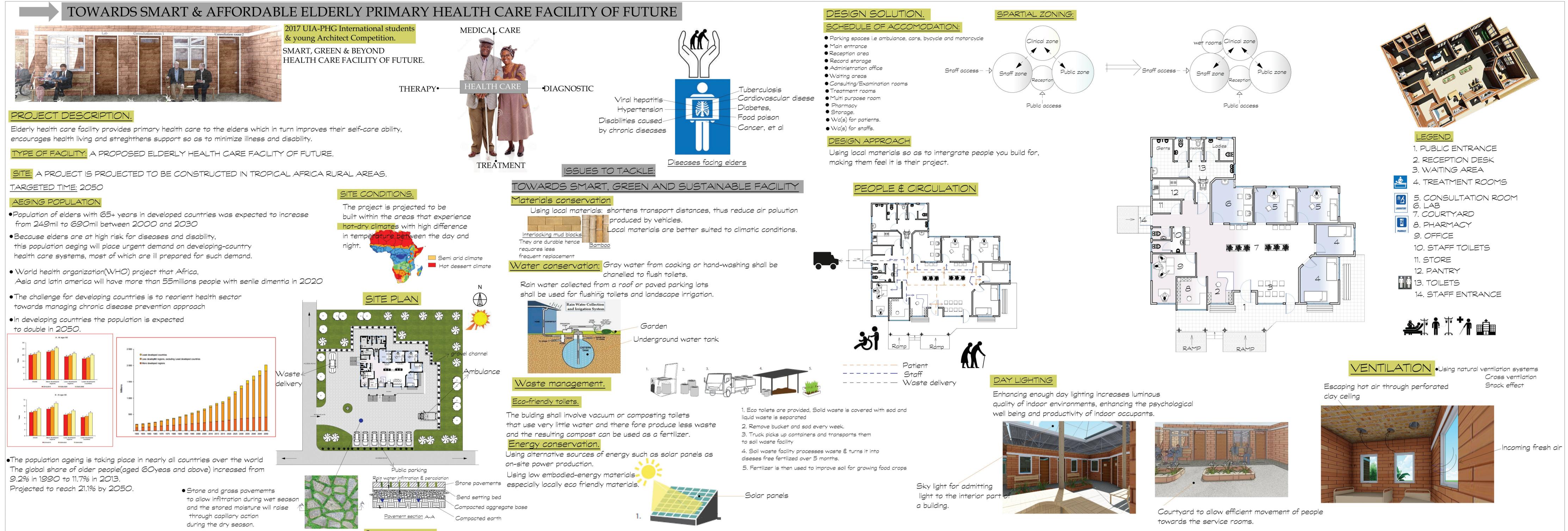
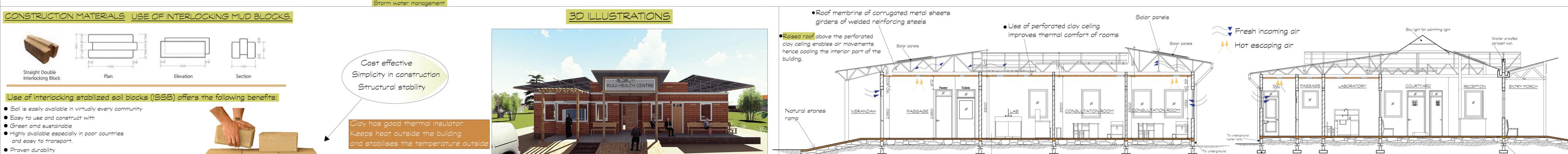
A165





non-reinforced concrete | SCALE: 1:100

BUILDING SECTIONS & ELEVATIONS



1. Preparation of soil. 2. Preparation of mix When interlocked makes a tongue and grooved joint at the sides, top and bottom 3. Compression of mix no mortar is requared.

4. Stacking and curing of blocks.

Manual operated interlocking block machine.

• A production is made on the site itself or in the nearby areas with

SIDE VIEW

World health organization(WHO) series papers

Jong-Jin Kim (1998) Qualities, use and example of sustainable building materials.

Its simple technology that can be done with unskilled labour.

• Steel reinforcing bars for preparation of trusses can be easily produced from recycled steel.

Corrugated metal sheets

gauge 28



between courses

(tiongue and grooves)



Bamboo pergola treated with sodium borate



Corrugated iron sheets gauge 28 Sky light for admitting light Solar panels soil blocks (ISSB) Glass casement windows to harwood framing FRONT ELEVATION

Compressed clay (Traditional stamped clay)

Air movement

Clay and stone filling





Compressed clay (Traditional stamped clay)

Clay and stone filling

Well compacted earth

Traditionally stamped clay

Non reinforced concrete.

SECTION A-A SCALE: 1:100



A FRONT VIEW