

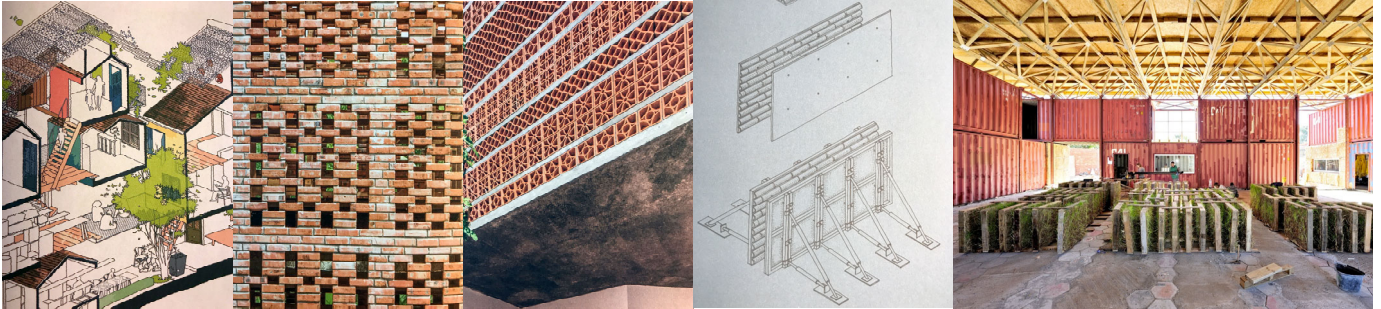
# DESIGN. DEVELOP. BUILD. UGANDA.

## DESIGN WORKSHOP.

Arch 4803 / Arch 8803 Spring 2019

Tuesday 6.00-8.45pm,

Instructor: Associate Prof. Daniel Baerlecken



### CONTEXT:

Design.Develop.Build. focuses on architecture with limited resources as an investigation that realizes itself in construction through research and experimentation using integrated modes of making and computation.

### PROJECT:

The DDB design workshop responds to a housing crisis for approximately 100 Ugandan orphans in the small village of Rwentobo in the rural Western Region of Uganda.

The DDB workshop will be working in different scales:

- Students will develop a catalog of tectonic systems by researching vernacular and neo-vernacular structures. The research will focus on developing material systems through digital design techniques and prototyping.
- Students will develop a design proposal based on their research and in response to their analysis of site, program, budget, climate and limited resources.
- Students will develop an overall planning strategy for the project area beyond the orphanage (master plan).

*Please note: This class is a stand-alone class and not linked to a study abroad program.*