

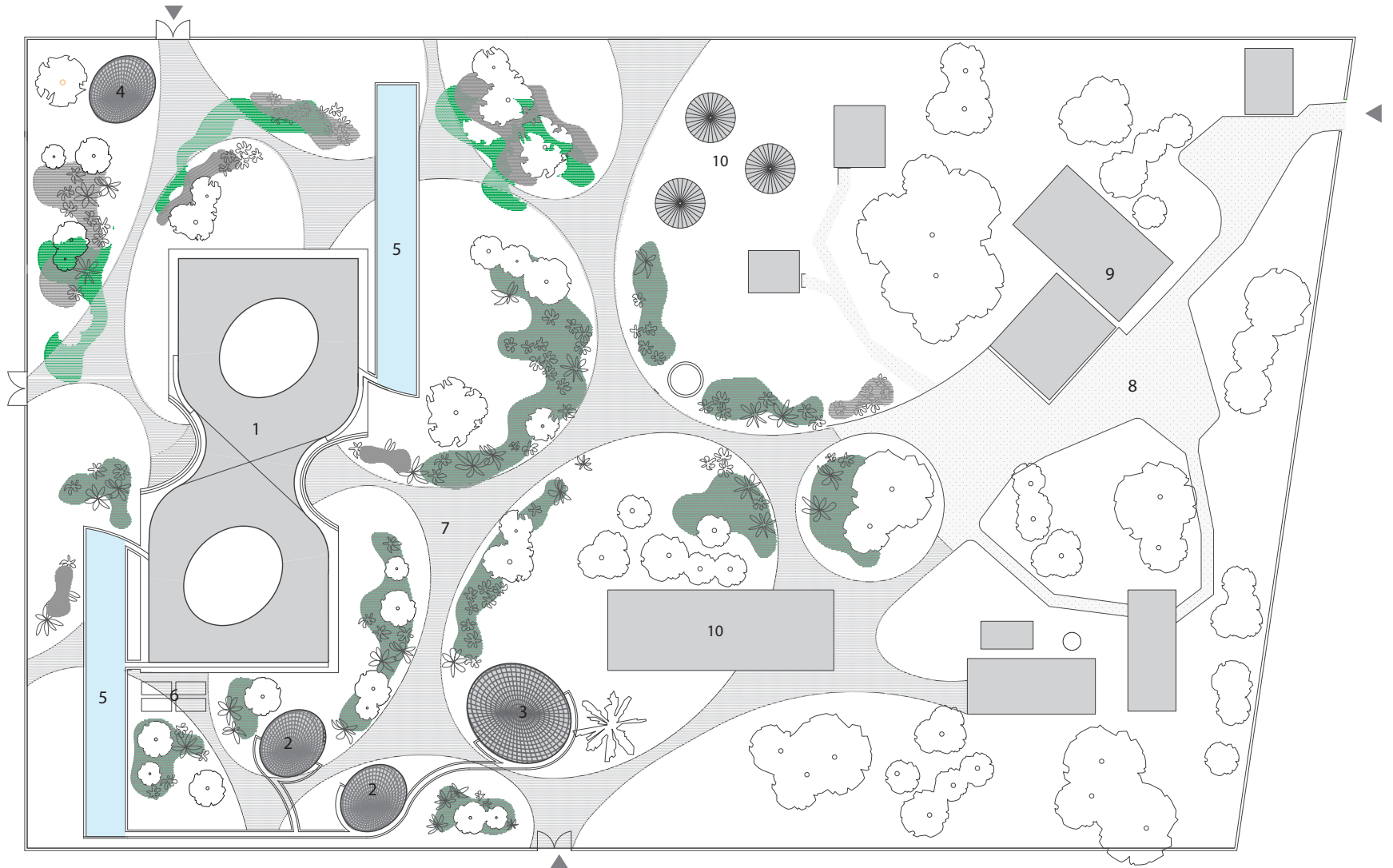


- 1 EXISTING MEDICAL FACILITY
- 2 THREAD RESIDENCE
- 3 MAIN ROAD
-  VILLAGE HOUSE
-  PEDESTRIAN PATH

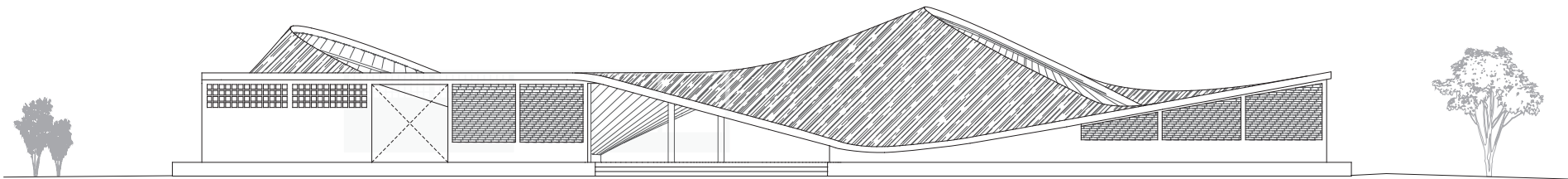
VILLAGE OF SINTHIAN



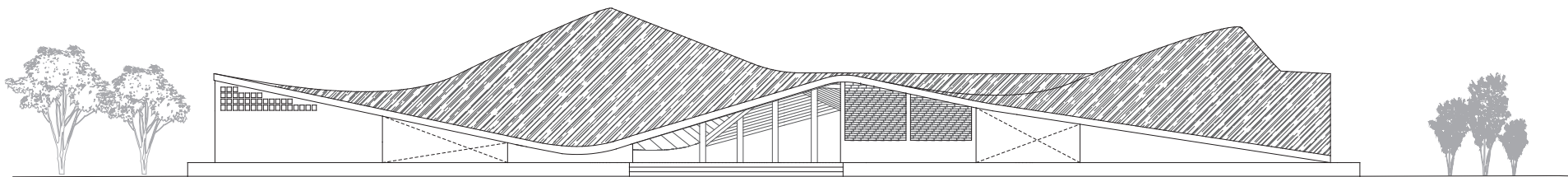


- 1 THREAD CULTURAL CENTER
- 2 GUEST HOUSE
- 3 DIRECTOR HOUSE
- 4 GUARD HOUSE
- 5 WATER RESERVOIR
- 6 SOLAR PANELS
- 7 NEW PATHWAYS
- 8 EXISTING DRIVEWAY
- 9 EXISTING MEDICAL CLINIC
- 10 EXISTING STAFF HOUSES

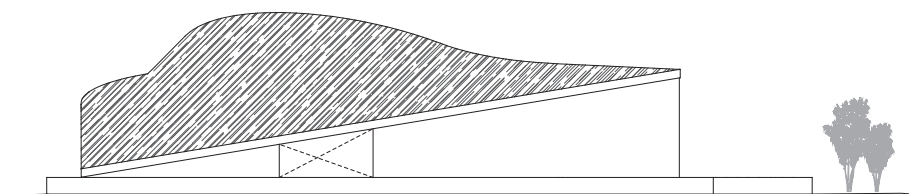
SITE PLAN



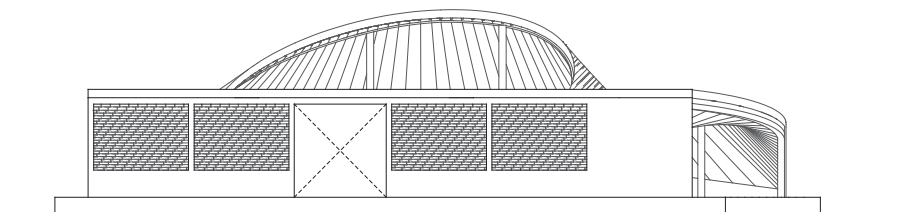
EAST ELEVATION



WEST ELEVATION



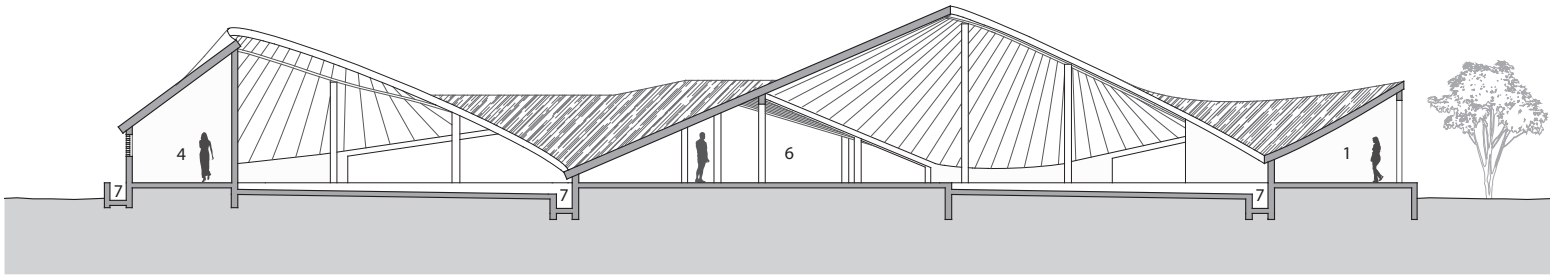
SOUTH ELEVATION



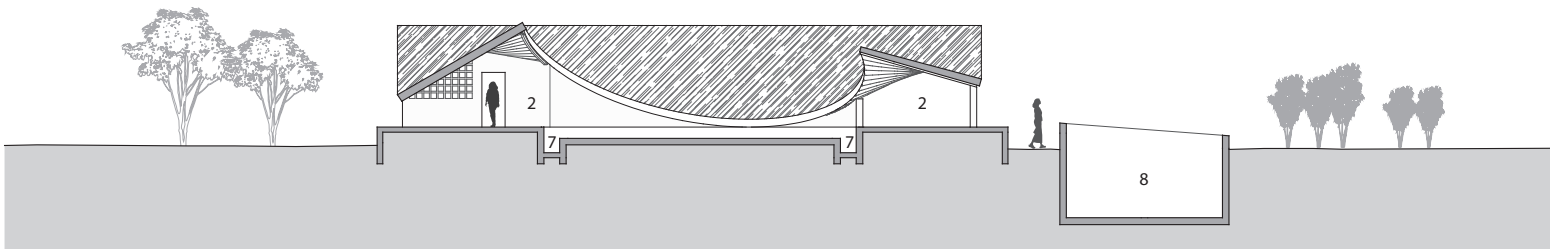
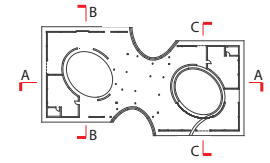
NORTH ELEVATION



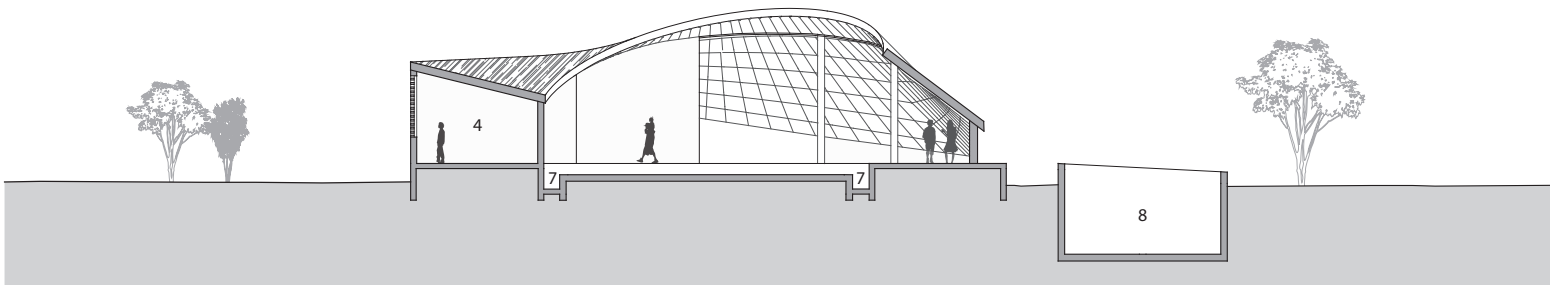
ELEVATIONS



SECTION A-A



SECTION B-B

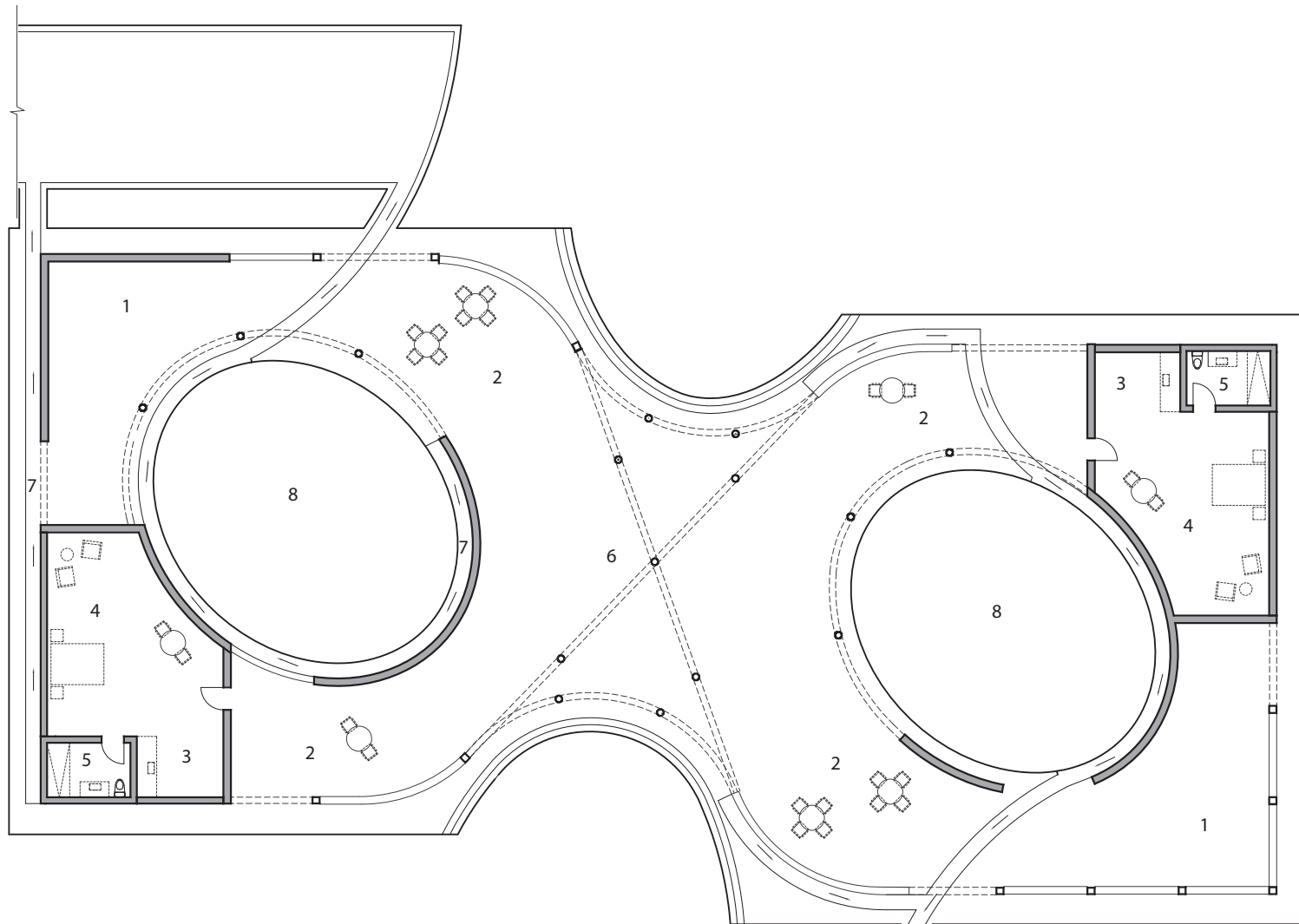


SECTION C-C

- 1 FLEXIBLE WORKSHOP
- 2 BREAKOUT SPACE
- 3 KITCHEN
- 4 BEDROOM
- 5 BATHROOM
- 6 GATHERING SPACE
- 7 WATER CANAL
- 8 RESERVOIR



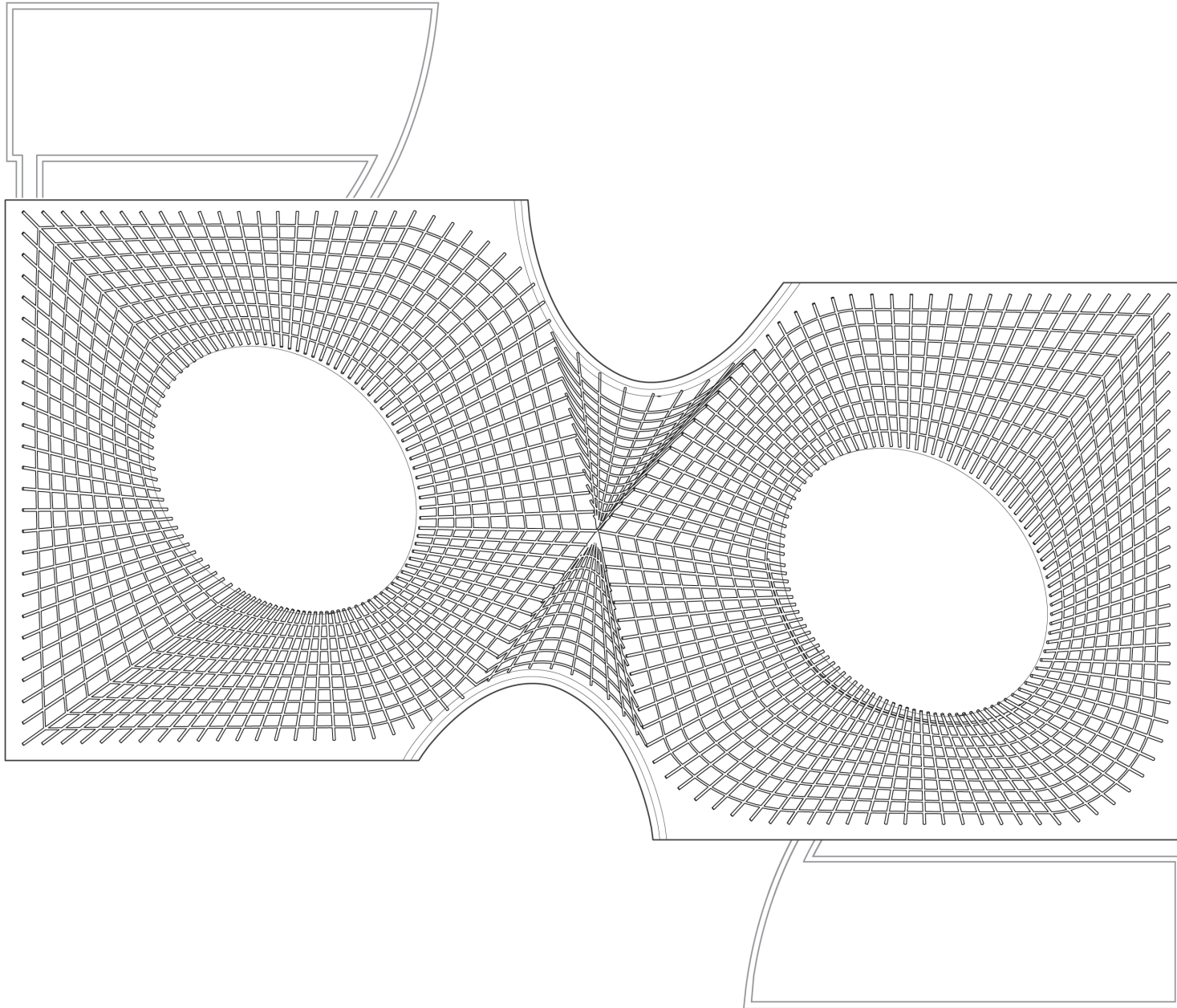
SECTIONS



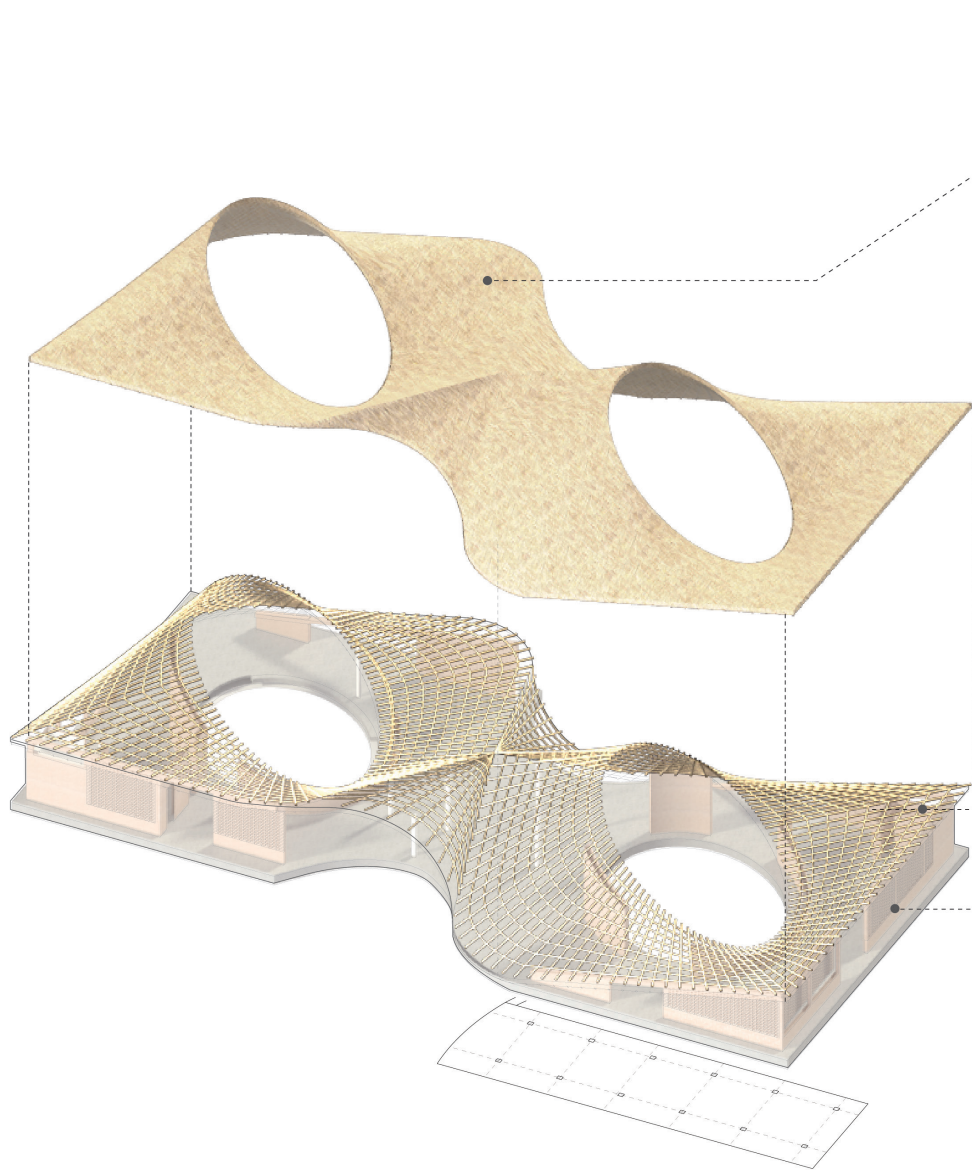
- 1 FLEXIBLE WORKSHOP
- 2 BREAKOUT SPACE
- 3 KITCHEN
- 4 BEDROOM
- 5 BATHROOM
- 6 GATHERING SPACE
- 7 WATER CANAL
- 8 COURTYARD
- 9 RESERVOIR



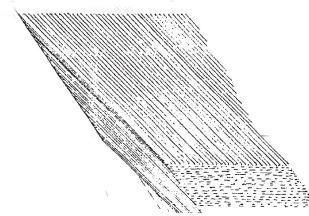
FLOOR PLAN



FRAMING PLAN

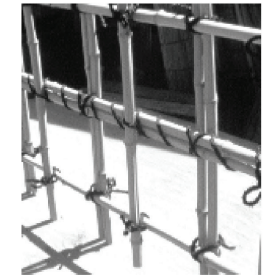
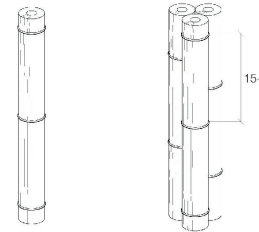


THATCH ROOF



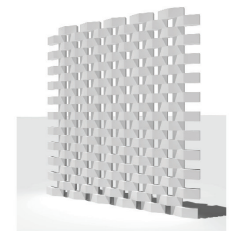
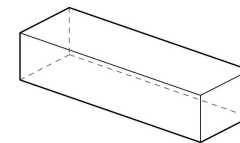
Locally grown and harvested thatch is layered on top of the bamboo substructure, providing a low cost and sustainable building solution representative of traditional construction techniques.

BAMBOO ROOF STRUCTURE



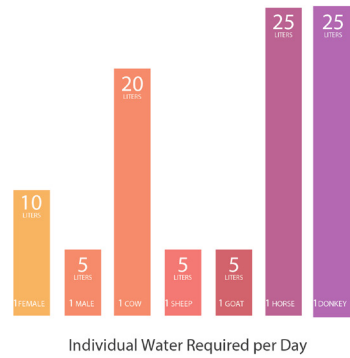
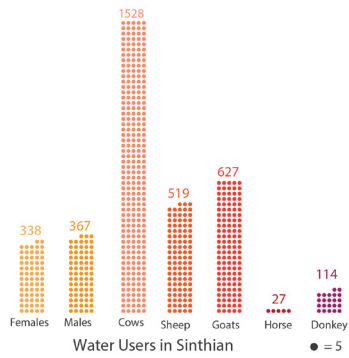
The roof substructure is composed of three layers of bamboo sourced locally. Bamboo lashing techniques from Japan can create an exchange and cross-fertilization of traditional construction methods.

CLAY BRICK FACADE

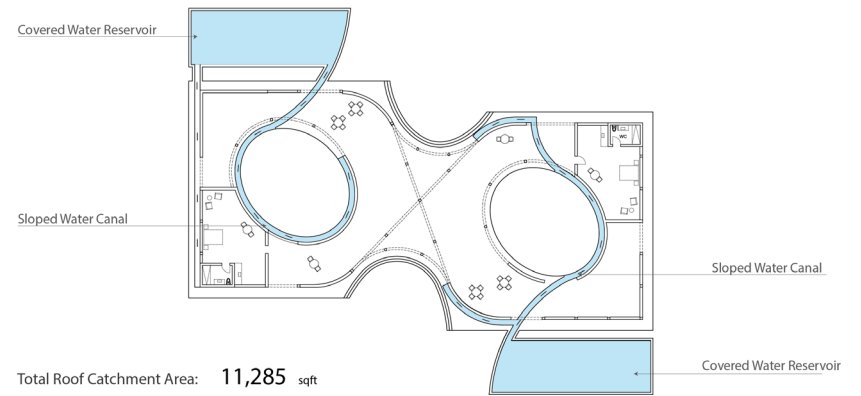


Clay bricks will be formed on-site by local villagers, enhancing the participation of the local community in the construction of the cultural center.

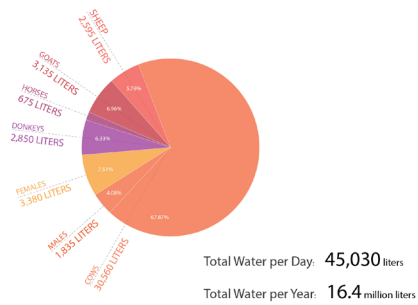
Water Usage in Sinthian



Water Collection Strategy

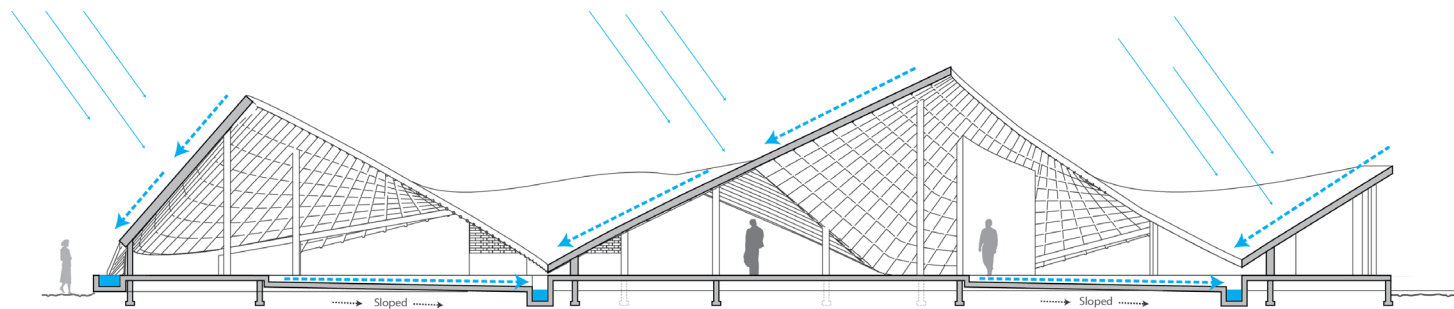
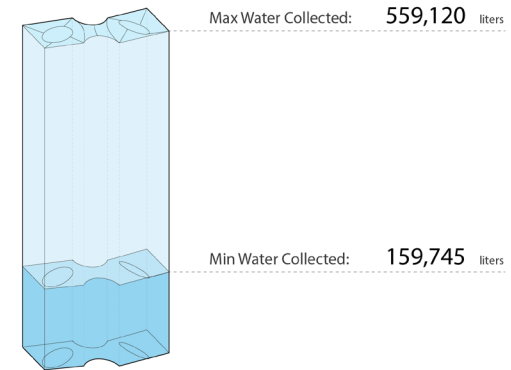
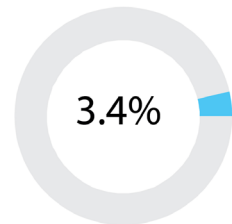


Community Water Use per Day



Water Provision for Sinthian from Thread

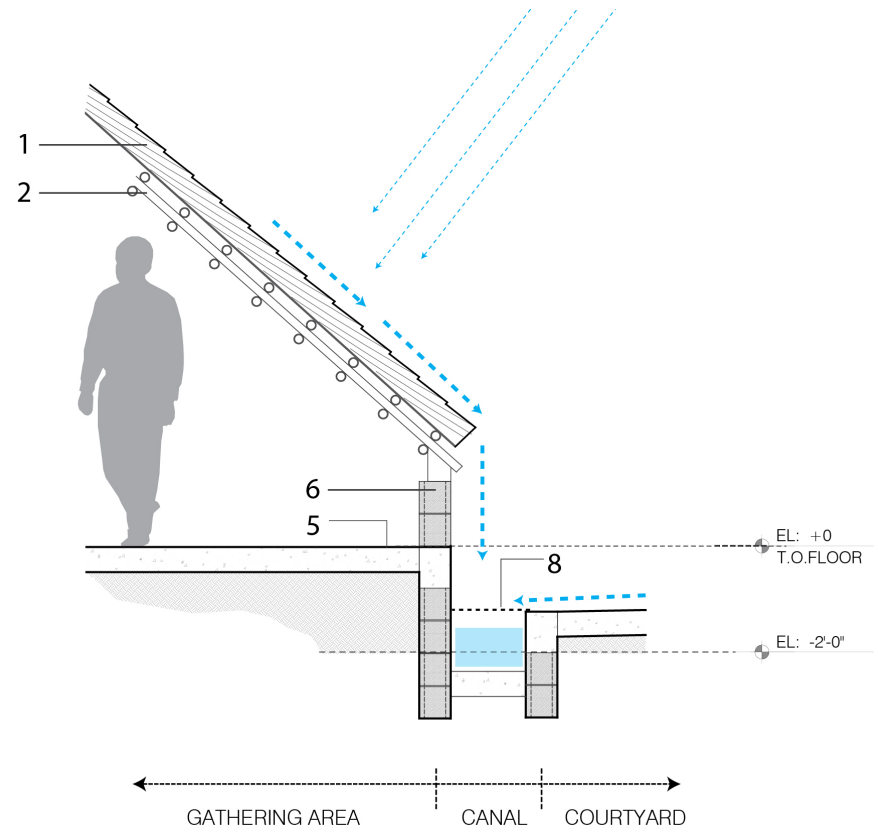
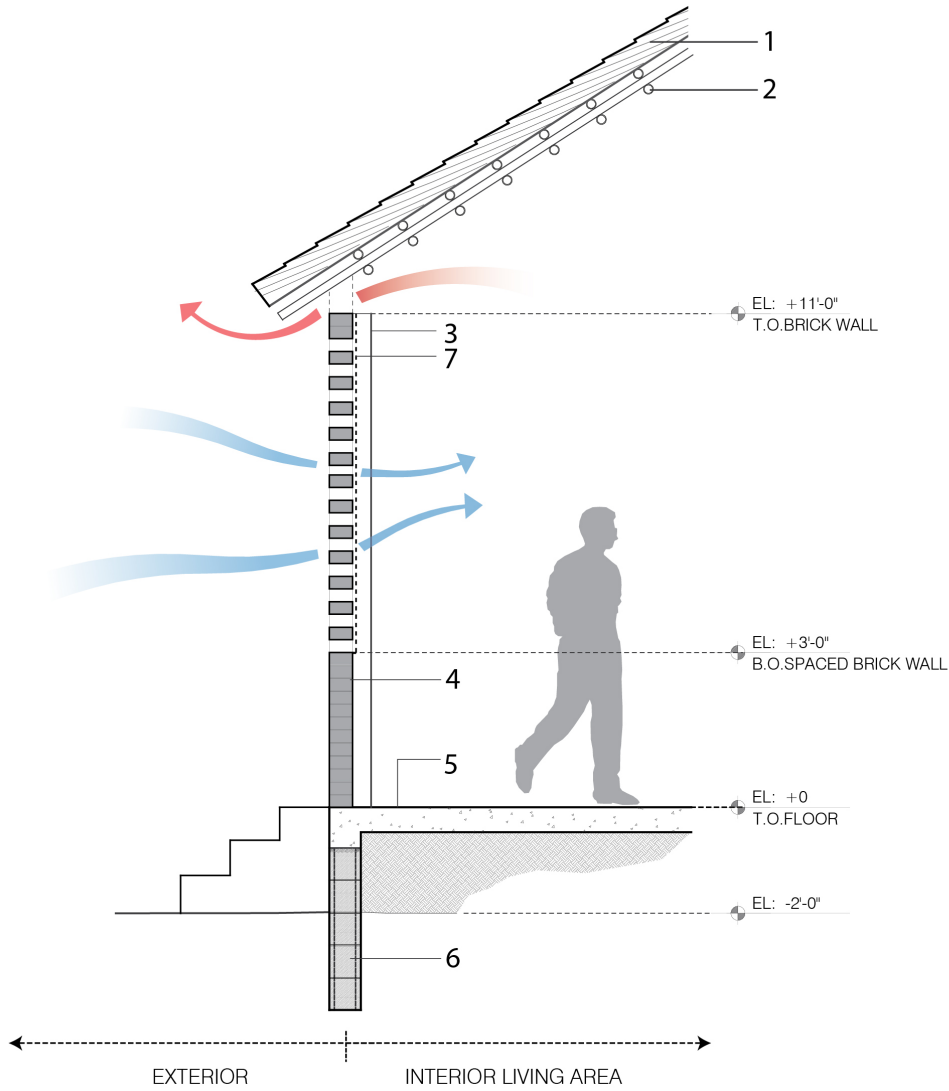
3520 TOTAL
Use 16.4 Million Liters



Section Showing Water Collection Strategy

WATER COLLECTION

- 1 THATCH ROOF
- 2 BAMBOO SUBSTRUCTURE
- 3 PERIMETER COLUMN
- 4 CLAY BRICK WALL
- 5 CONCRETE SLAB FLOOR
- 6 MASONRY FOUNDATION
- 7 FULL HEIGHT MESH SCREEN IN FRONT OF SPACED BRICK WALL
- 8 PERFORATED CANAL COVER



WALL SECTIONS