

PLEA 2018
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LEARNING FROM BAYANIHAN DUGNAD

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Tekkjedugnad in Tydal, Sør Trøndelag (1915). The roof is done with neighbours as through mutual support.

Billedsamlingen, Norsk Folkemuseum



Bayanihan in Samar, Philippines (2013). The building is moved by the community through mutual support.

Ramil Pajanustan, Instagram

PRINCIPLES

Lorentzen and Dugstad (2011)
& Bankoff (2007)

1
Common goal

2
Collective work

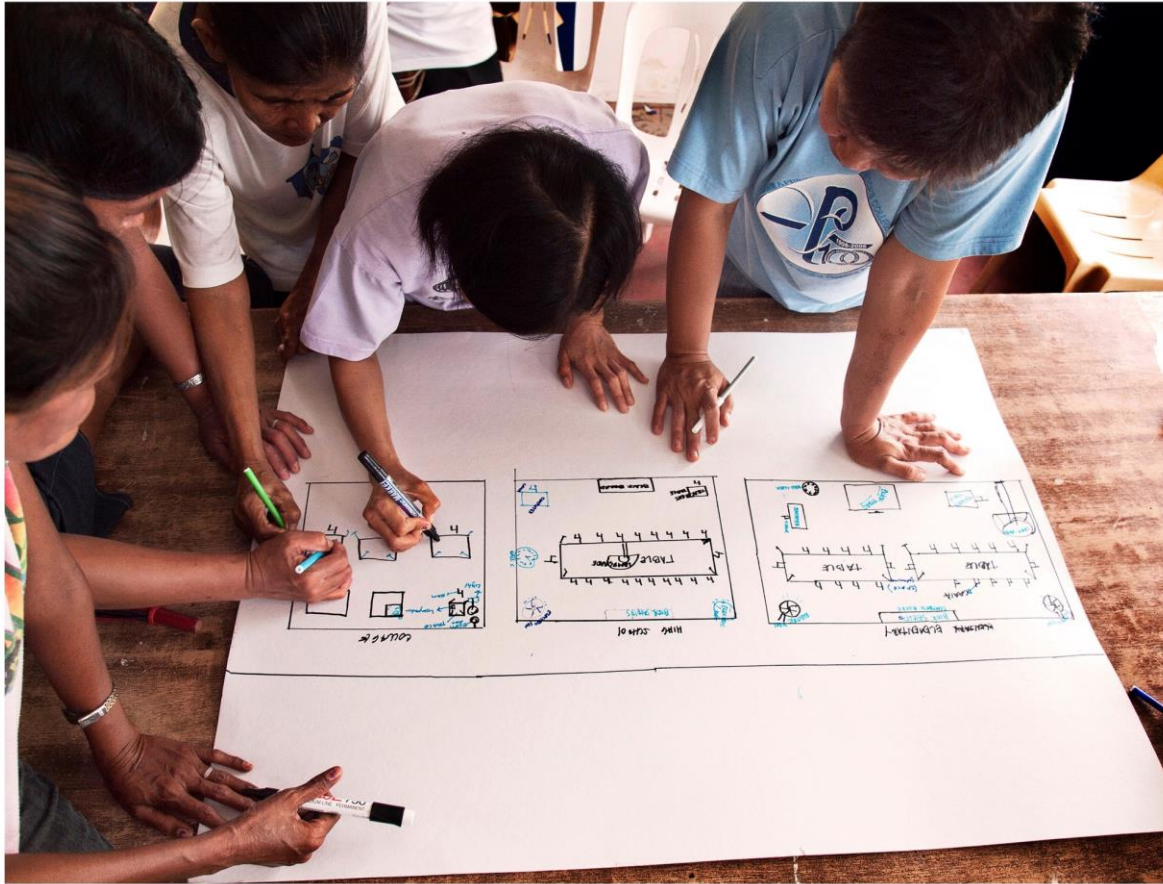
3
Social event

4
Reciprocity

5
Time constrained



TACLOBAN CITY, PHILIPPINES



A PROSESS OF BAYANIHAN – COLLABORATION





2010



nov
2013



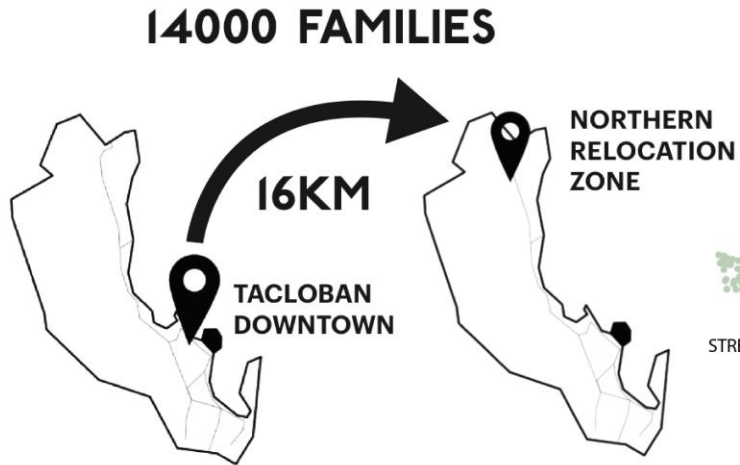
june
2014



april
2014



RECONSTRUCTION



RELOCATION - TAGPURO RESETTLEMENT ZONE



BAYANIHAN – COLLECTIVE ACTION

PLAYING



PLANNING



DRAWING



MAPPING



PROTOTYPING



EATING



PAINTING



MODEL MAKING

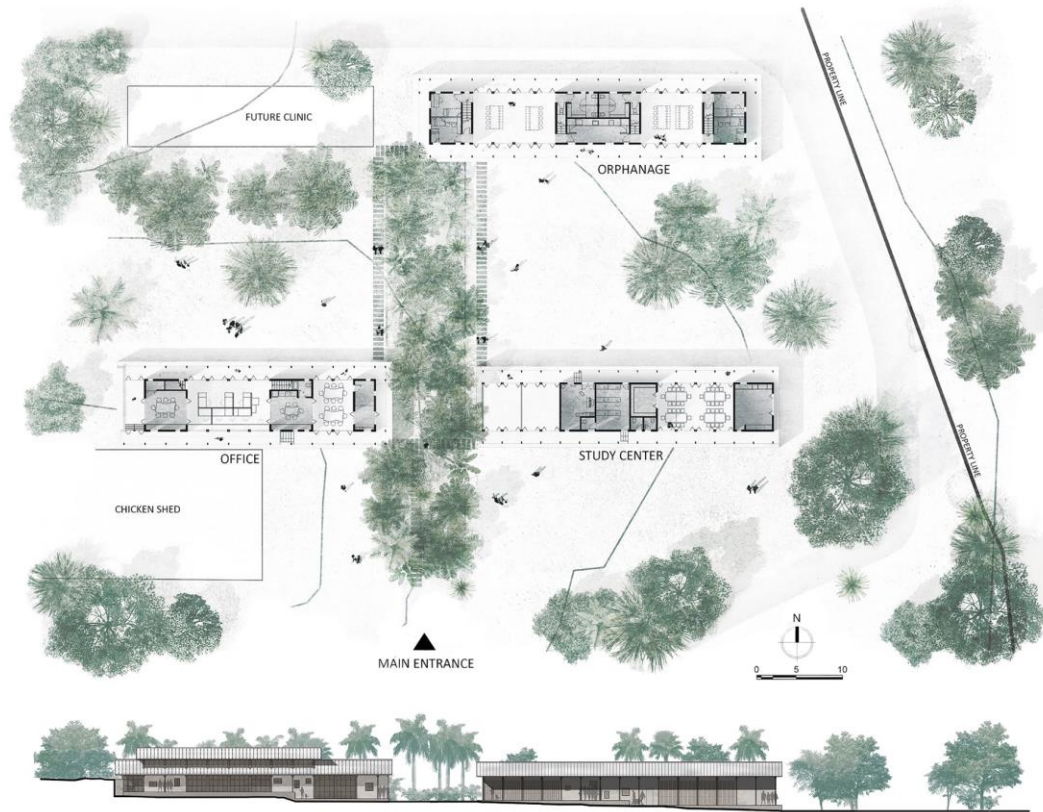


TESTING

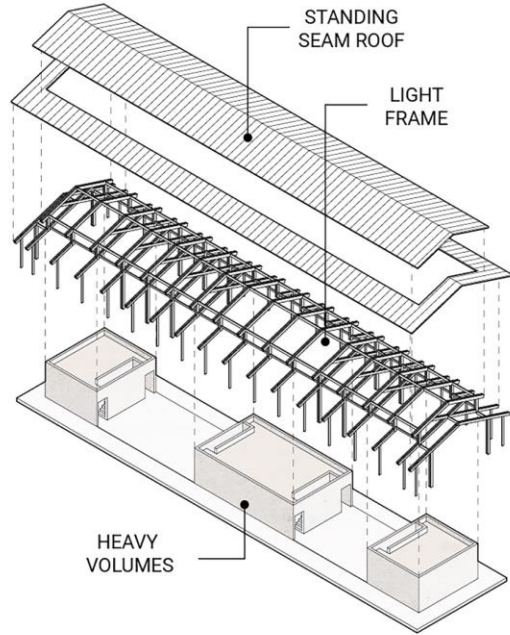


BUILDING

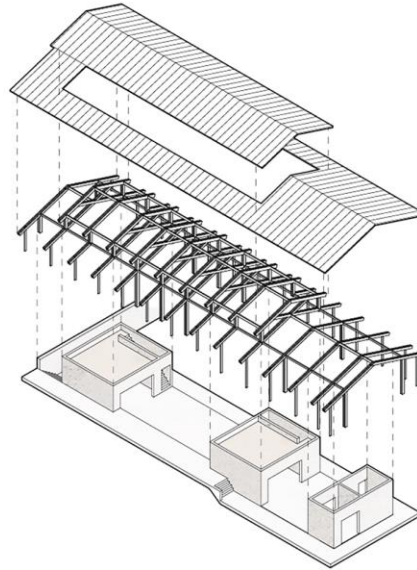
COMMON LANGUAGE



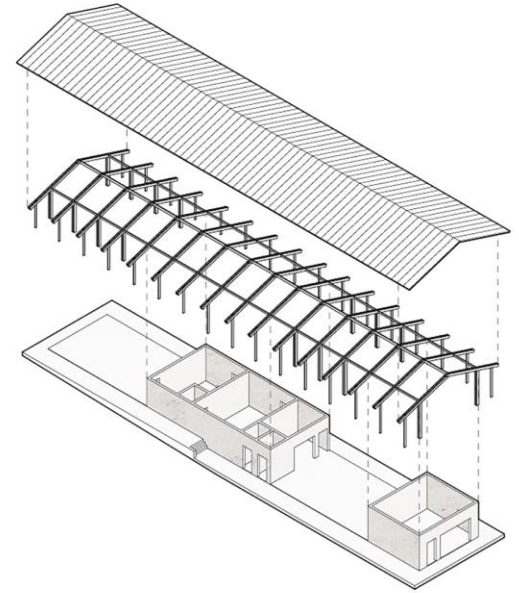
SITEPLAN – OFFICE, STUDY CENTER & ORPHANAGE



ORPHANAGE



OFFICE



STUDY CENTER

DESIGN CONCEPT - HEAVY & LIGHT



DOORS AND WINDOWS



CONSTRUCTION & MATERIALS



ORPHANAGE BUILDING



OFFICE BUILDING



STUDY CENTER BUILDING

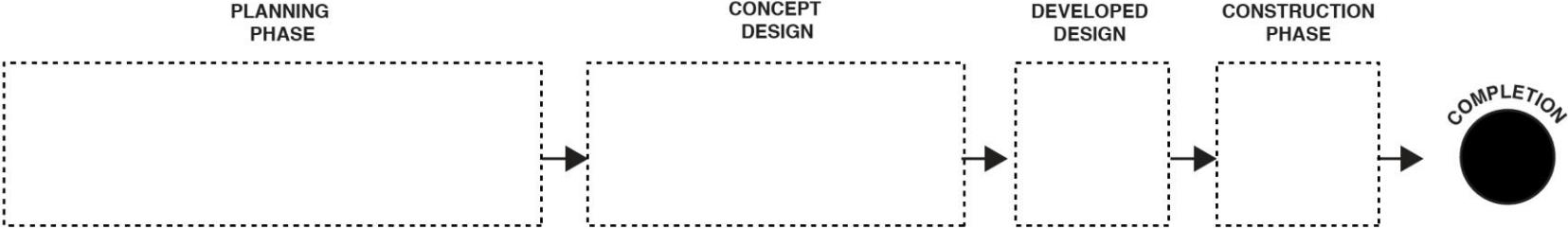


PARK AND PLAY AREA BETWEEN BUILDINGS

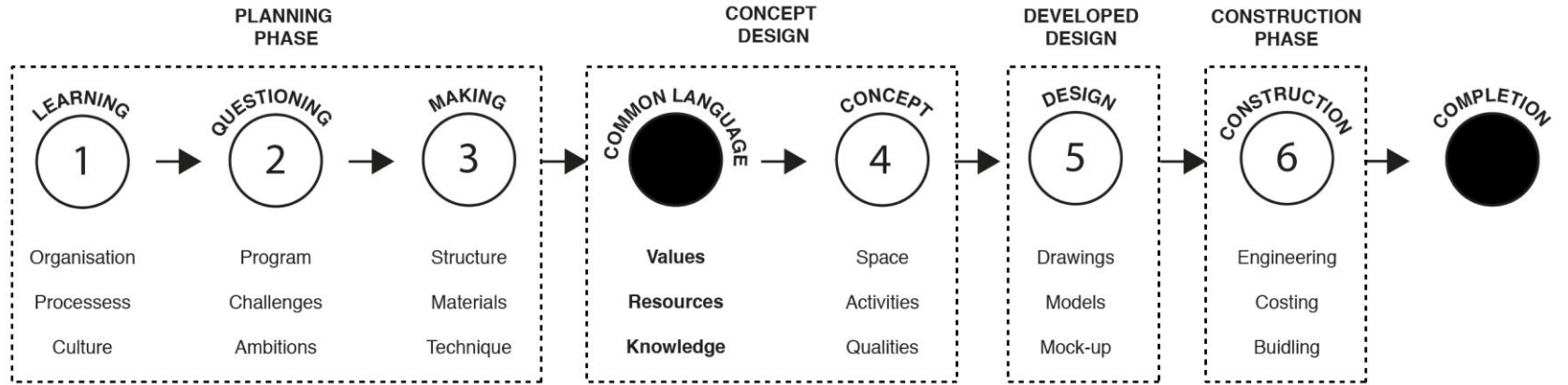








PROCESS - STANDARD PHASES OF A TYPICAL PROJECT





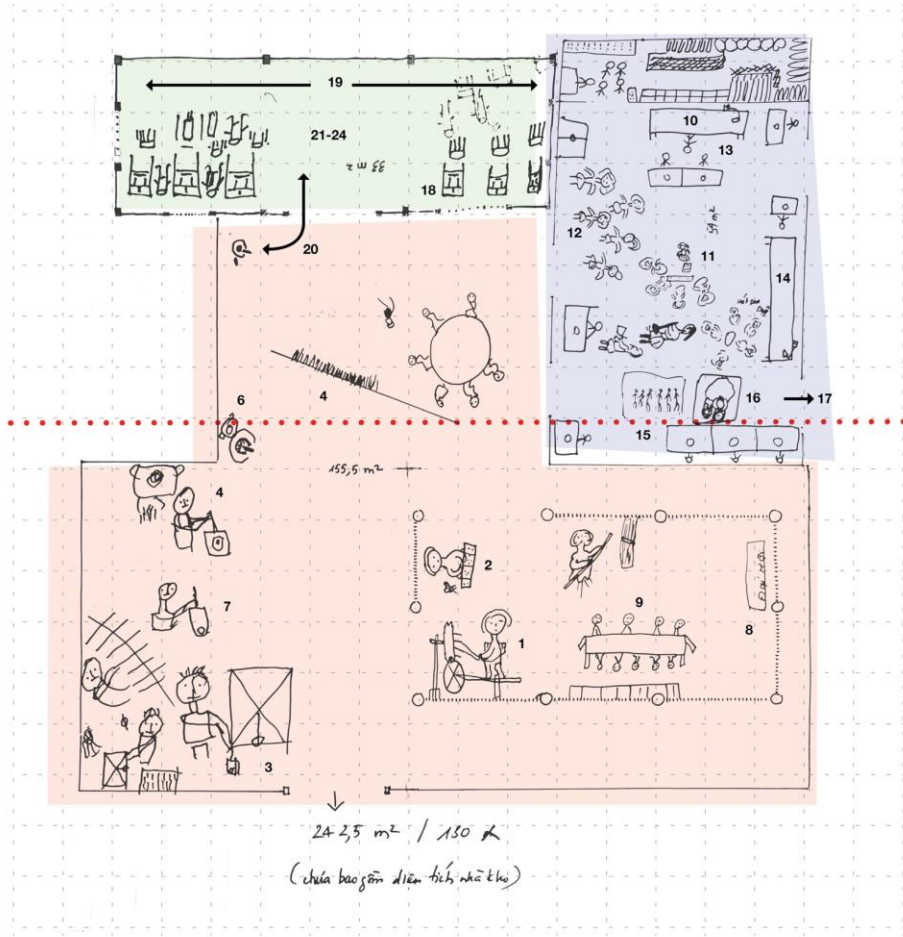
CONTEXT - LUNG TAM TEXTILE COOPERATIVE



CONTEXT - VERNACULAR



LEARNING - ORGANIZATION, PROCESSES & CULTURE



OUTDOOR SPACE (RED)

- 1 Spinning fibers
- 2 Embroidery
- 3 Rolling fibers
- 4 Boiling/bleaching/dyeing fiber
- 5 Drying Linen fabric
- 6 Beewax drawing
- 7 Grinding fiber
- 8 Performing and arts
- 9 Meetings

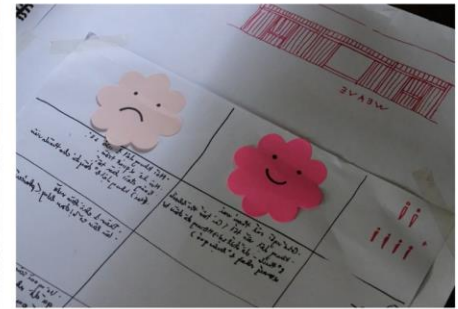
SEWING SPACE (BLUE)

- 10 Design
- 11 Evaluating products
- 12 Performance
- 13 Sewing machine
- 14 Ironing
- 15 Sleep
- 16 Changing clothes
- 17 Hygiene

WEAVING SPACE (GREEN)

- 18 Weaving
- 19 Linen rolling
- 20 Bewax drawing
- 21 Meetings
- 22 Thread spinning
- 23 Connecting threads
- 24 Threadwork

ROAD EXPANSION (RED LINE)

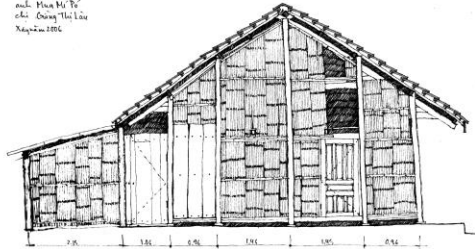


QUESTIONING - PROGRAMME, CHALLENGES & AMBITIONS

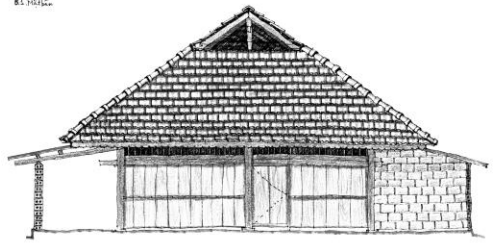


MAKING - STRUCTURE, MATERIALS & TECHNIQUE

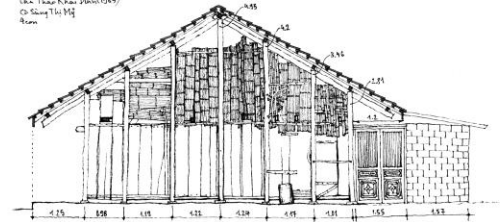
nhà Phố Mĩ Tho
Xã: Cầu Lộ Tân
Xã: 2-1986



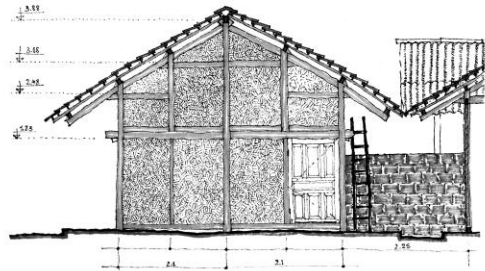
B.1. HỒ SƠ



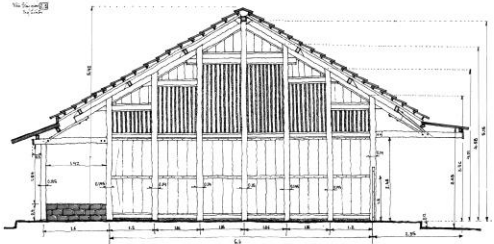
85.11 Nhà Hầm Bùn
Xã: Cầu Lộ Tân, Huyện Tân Trụ, Tỉnh Long An
Xã: Tân Lộ, Huyện Tân Trụ (1986)
Xã: Cầu Lộ Tân
Xã: 2-1986



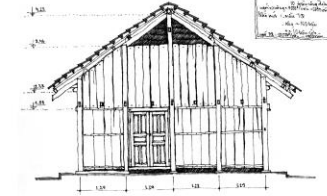
85.12 Nhà Hầm Bùn



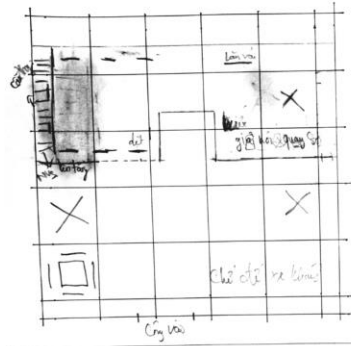
B.2. HỒ SƠ



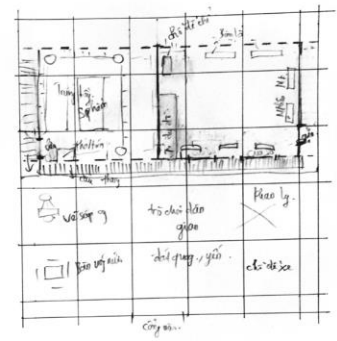
85.13 Nhà Hầm Bùn



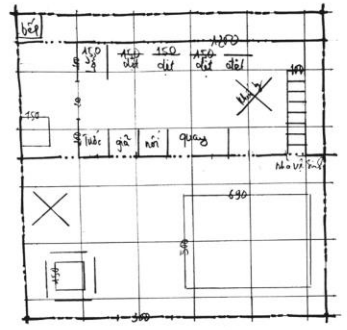
CONCEPT OF "GRID & SECTION"



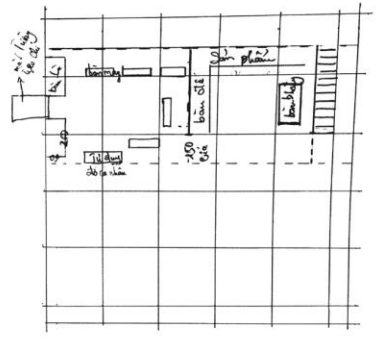
T₁



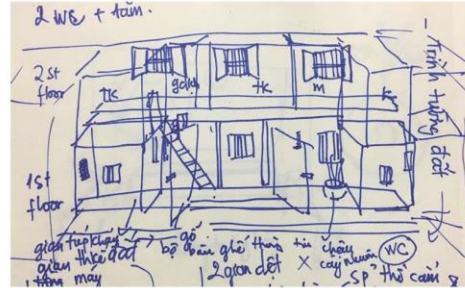
T₂



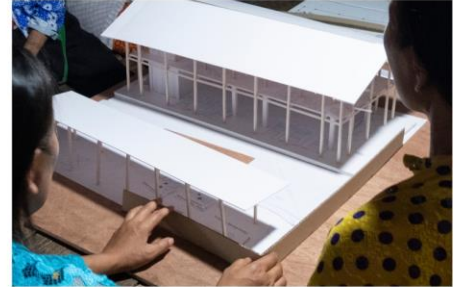
T₃



T₄



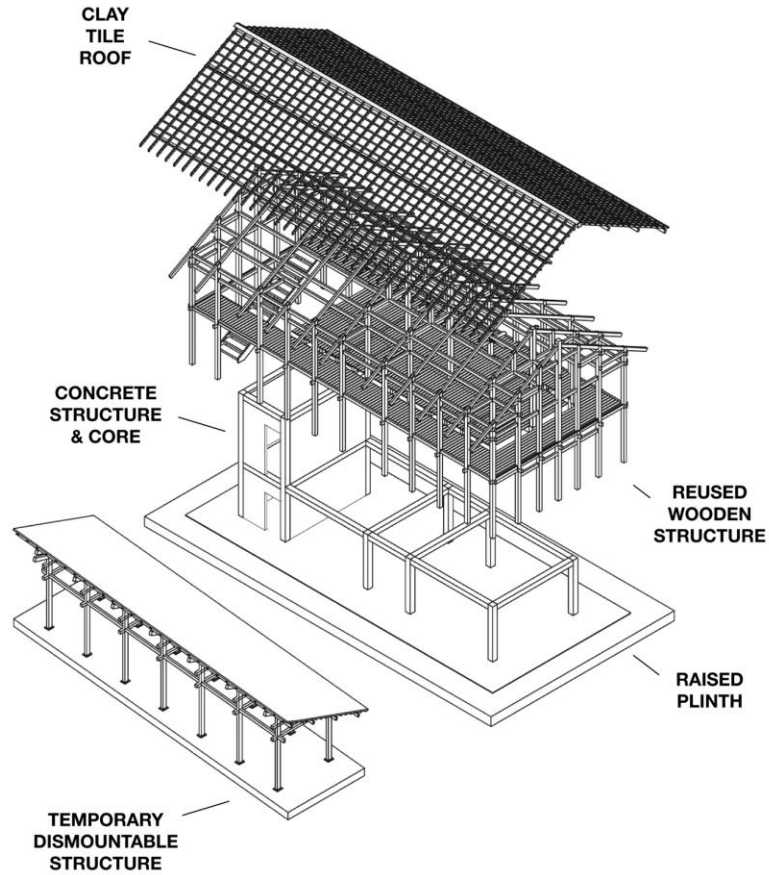
CONCEPT - SPACE, ACTIVITIES & QUALITIES



DESIGN - DRAWINGS, MODELS & MOCK-UP'S



DESIGN - DRAWINGS, MODELS & MOCK-UP'S







WAY FORWARD

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& Bankoff (2007)

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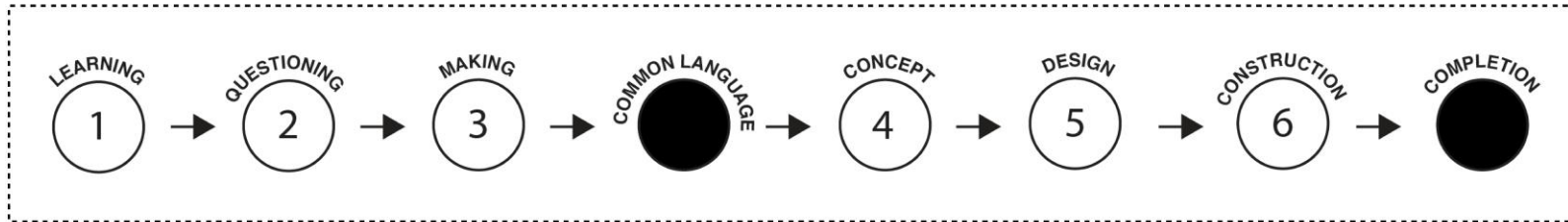
PRINCIPLES

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PROCESS



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