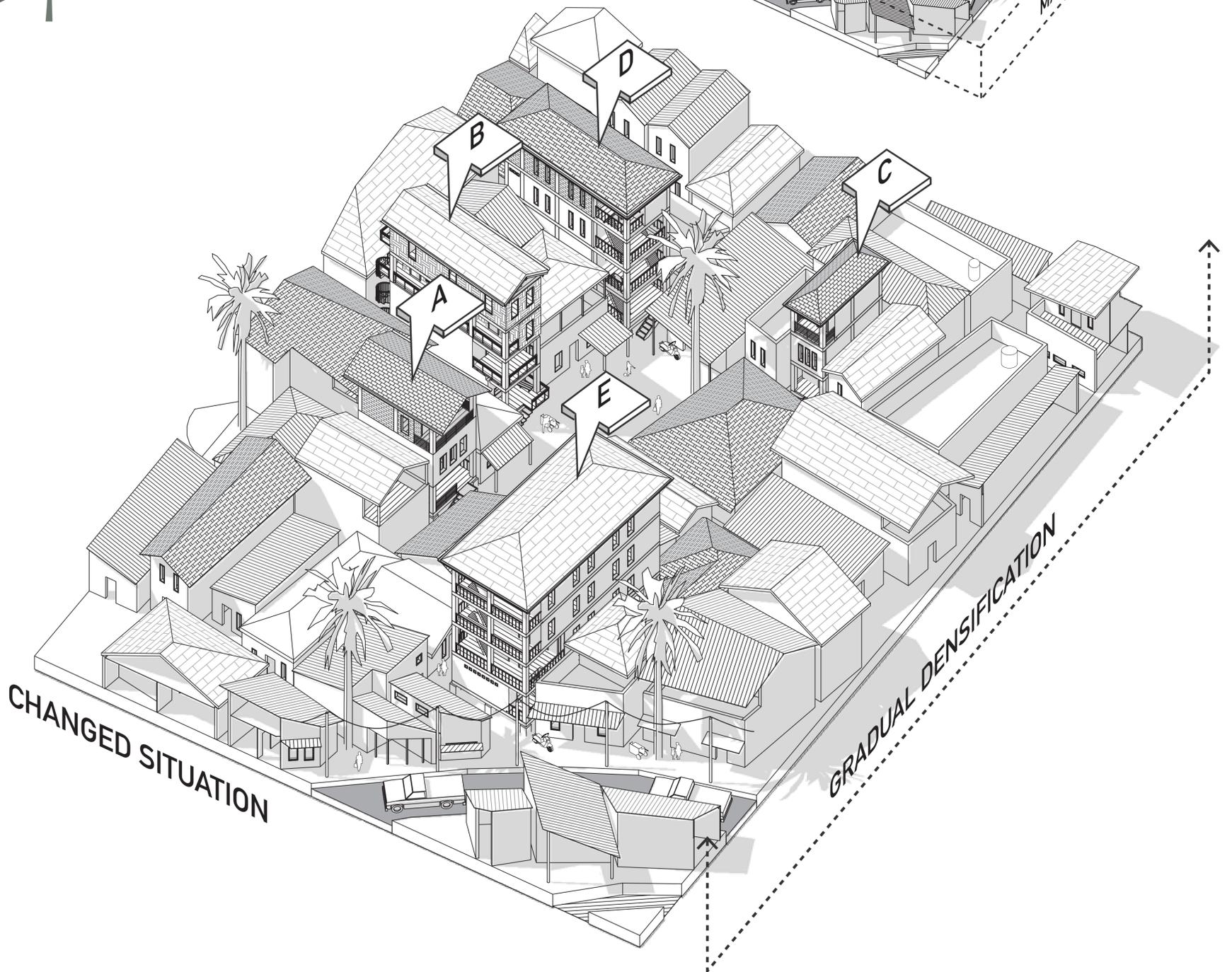
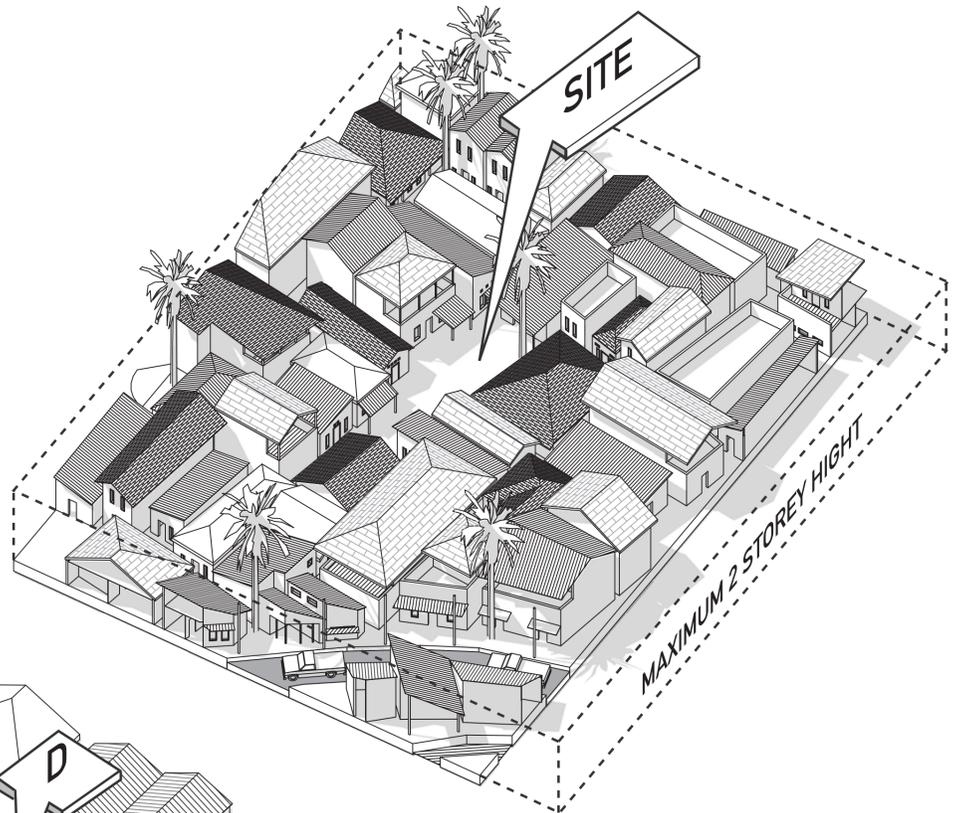
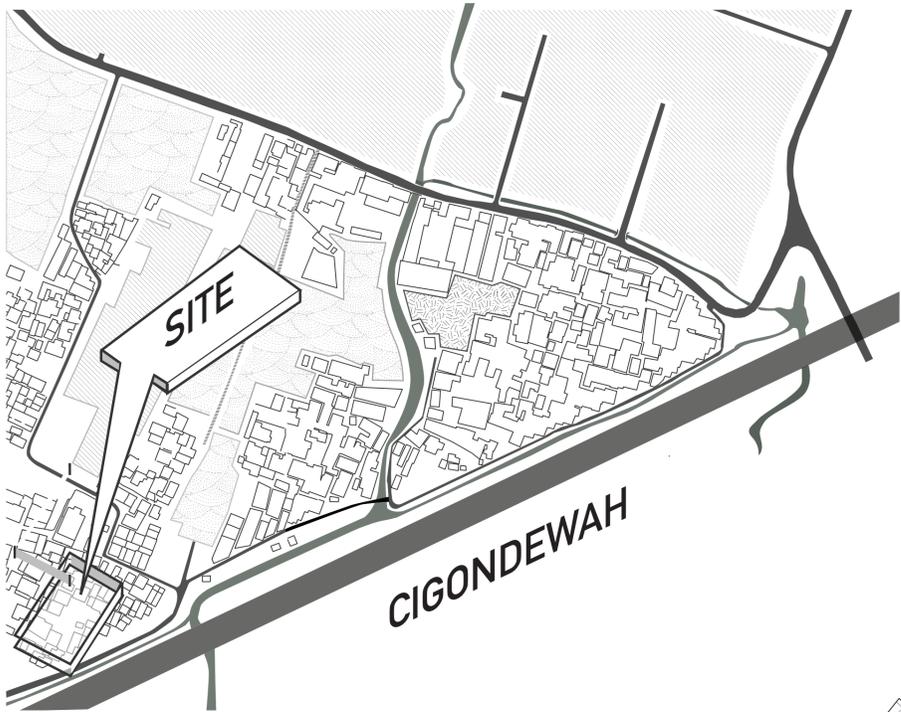
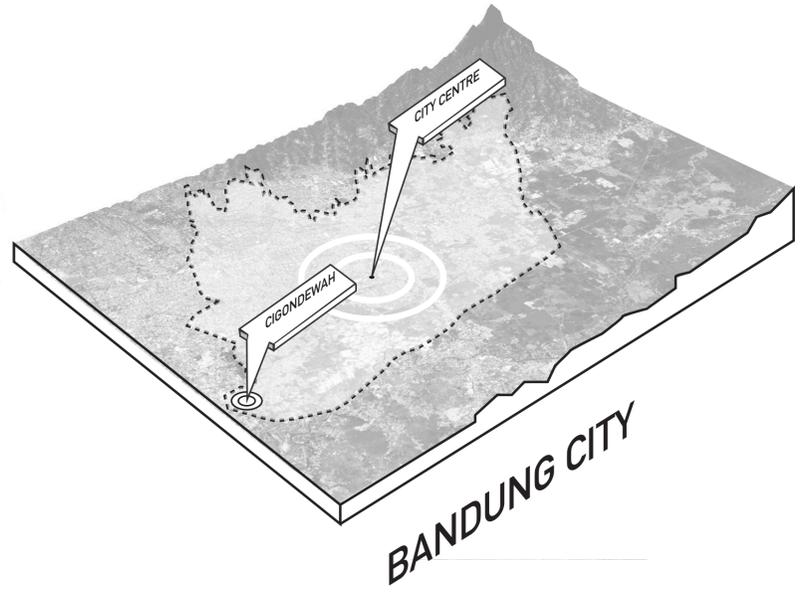
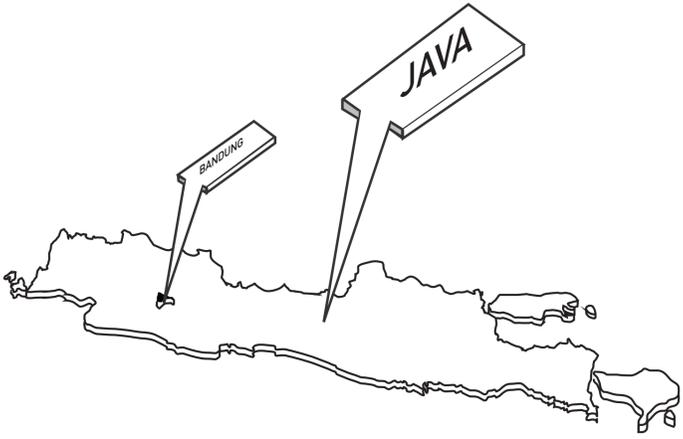
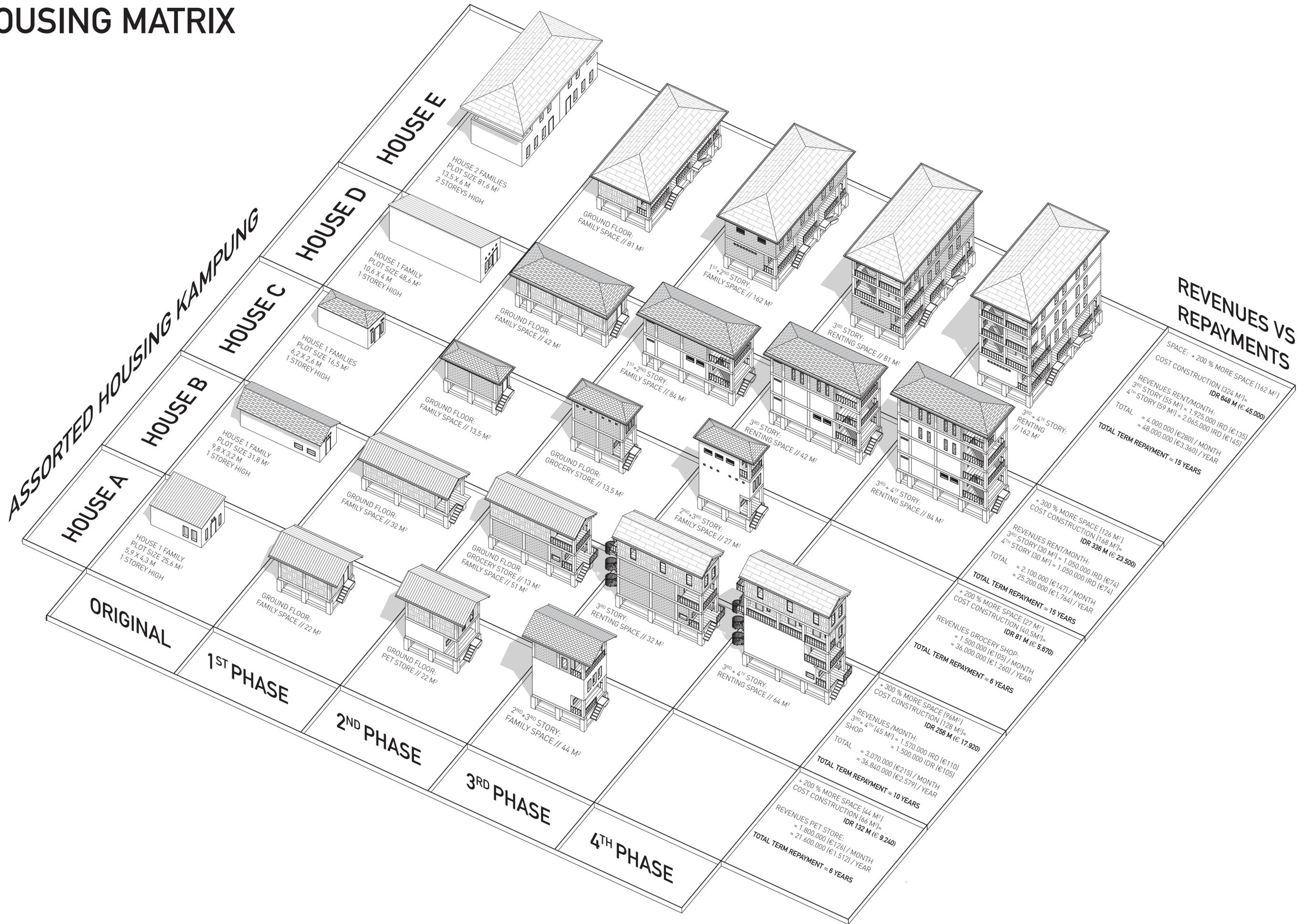


LOCATION



HOUSING MATRIX



ARCHITECTURE

1ST PHASE



2ND PHASE



3RD PHASE



4TH PHASE







BUILDING SYSTEM

BUILDING SYSTEM REQUIREMENTS



SAFE + DURABLE



LOCAL MATERIALS



LOW COST MATERIALS



LOW COST MACHINERY



PERSONALIZABLE



4-STOREY HEIGHT

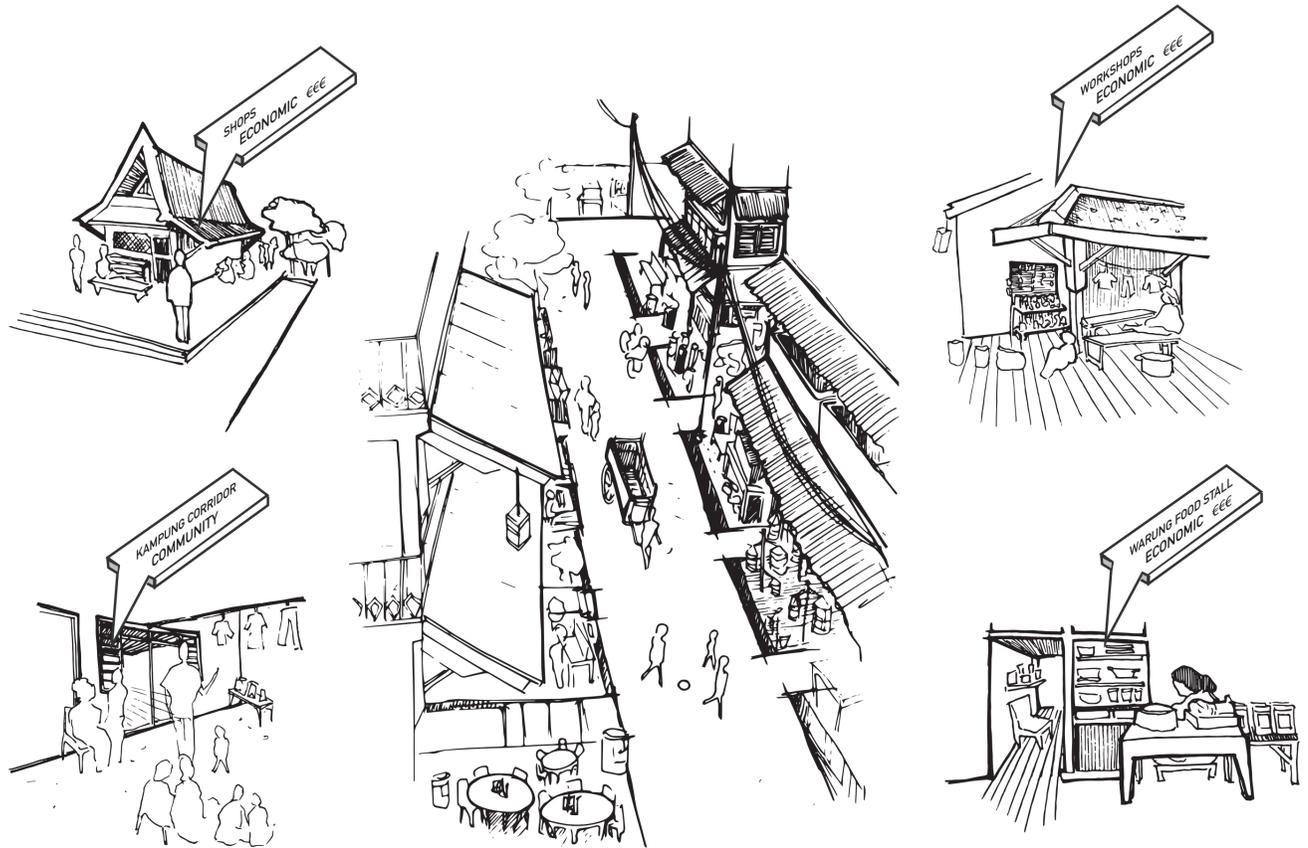


EASY ASSEMBLY

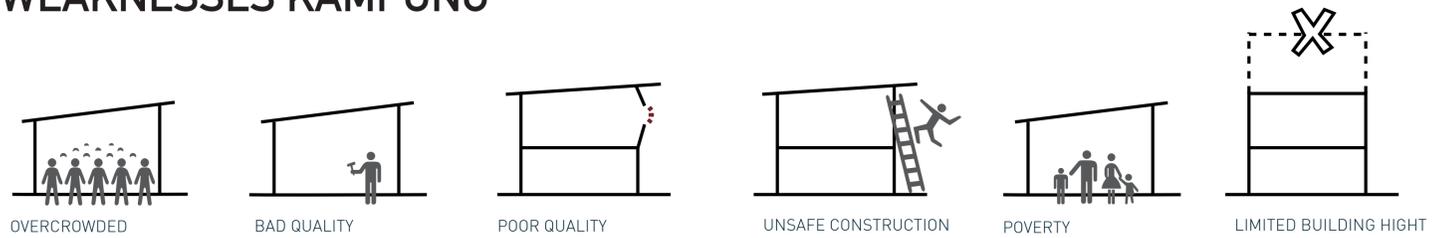


TRANSPORT TO KAMPUNG

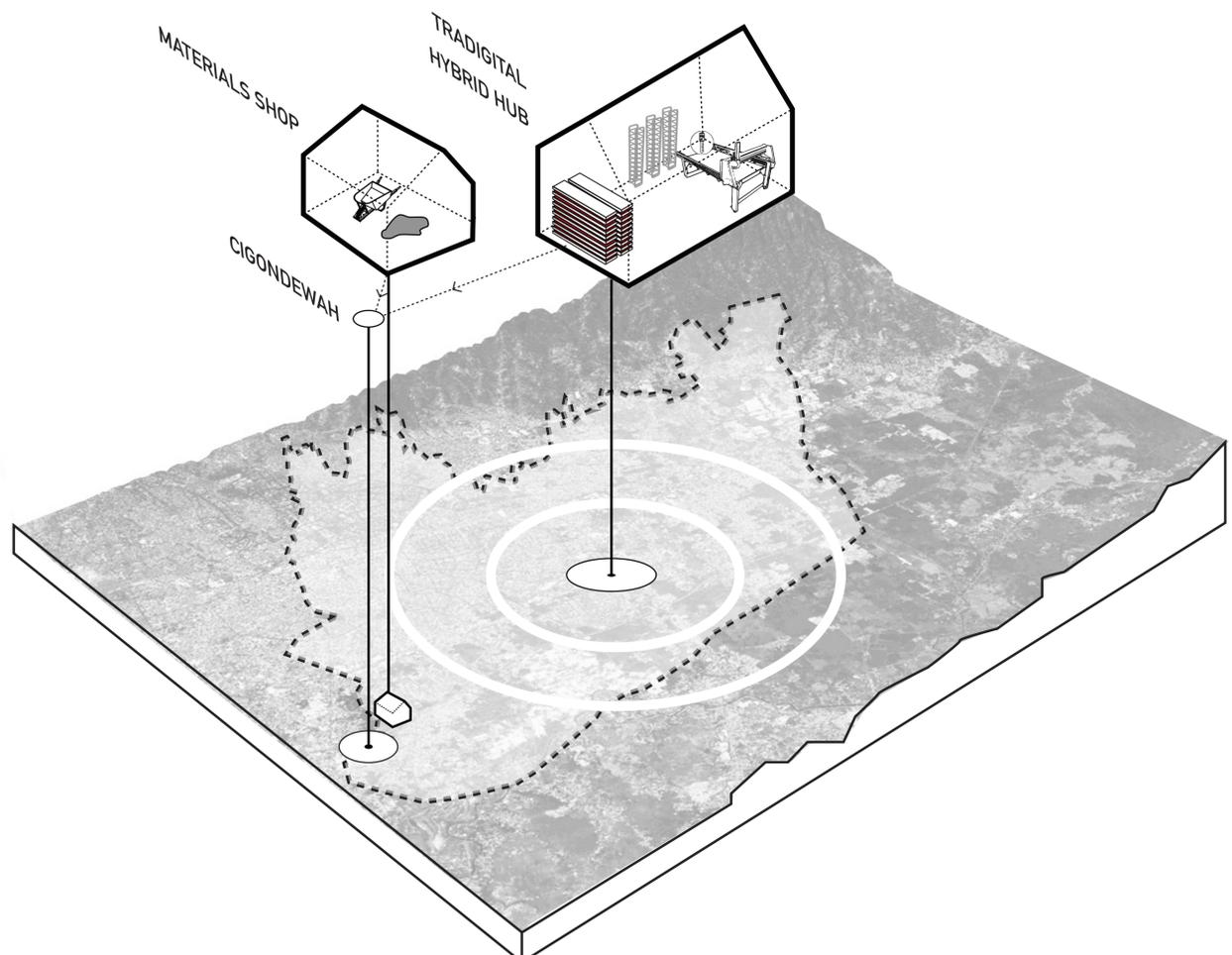
STRENGTH KAMPUNGS



WEAKNESSES KAMPUNG



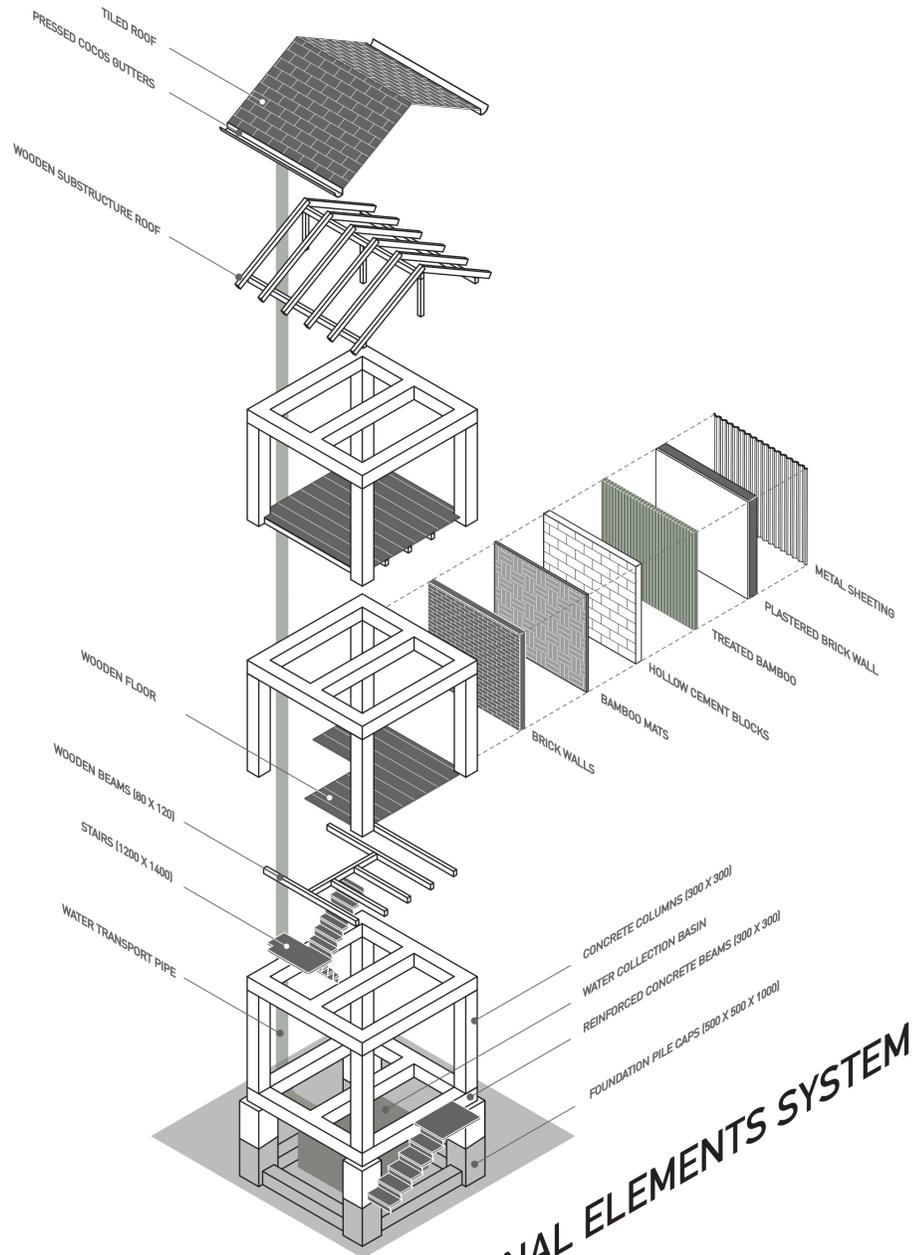
HOW DOES IT WORK?



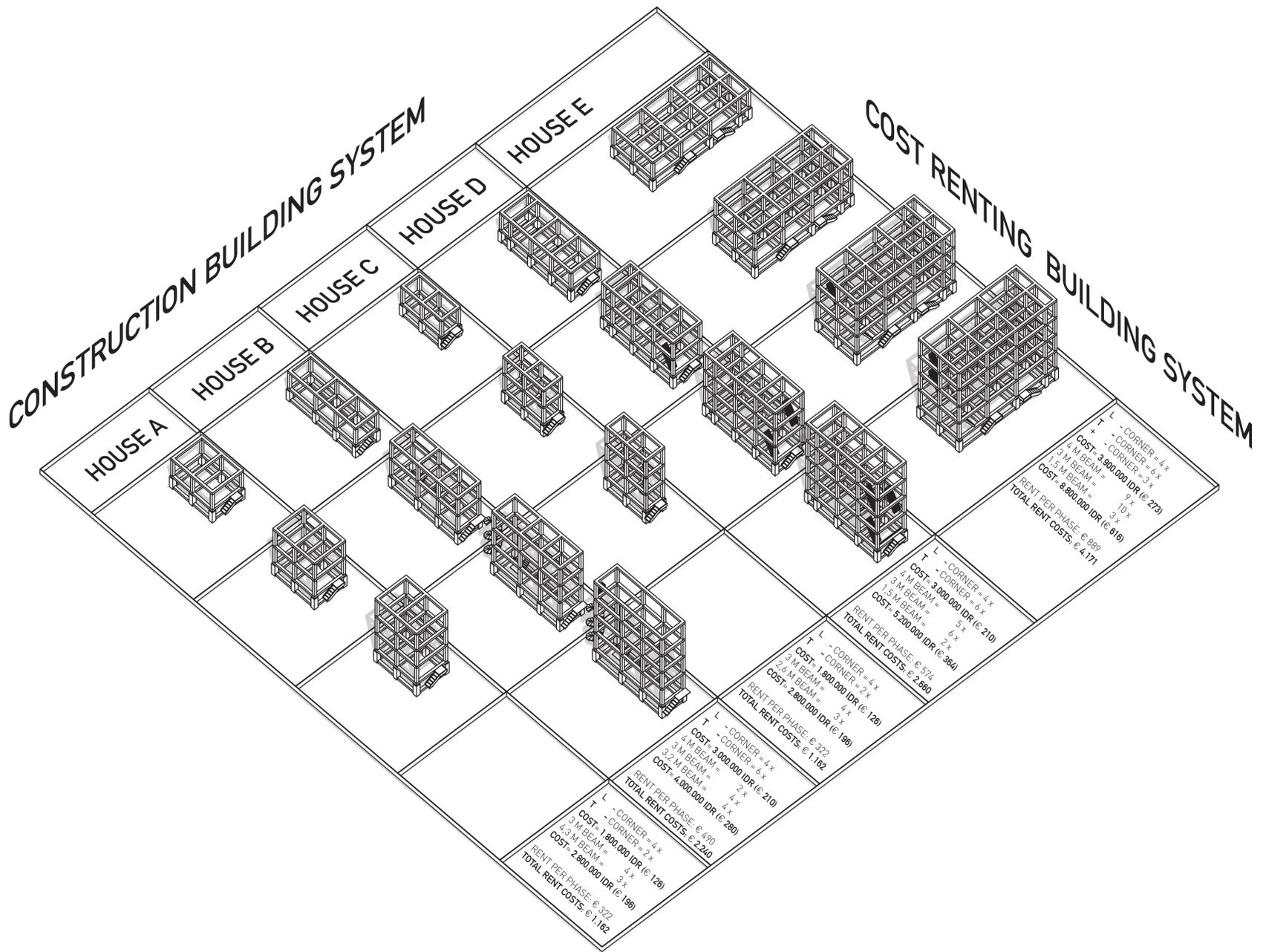
BUILDING SYSTEM

CREATE YOUR OWN HOUSE

BASE CONCRETE FRAME	<p>GIVE IN PLOT SIZE</p>	<p>CALCULATE CONSTRUCTION</p>	<p>FORMWORK SYSTEM</p> <p>BAMBOO REINFORCEMENT</p> <p>RENT CNC BEAM: 400.000 IDR (€ 28,-) RENT CNC COLUMN: 300.000 IDR (€ 21,-) RENT SCAFFOLDING 15.000 IDR (€ 1,-) PER MONTH/PIECE REINFORCEMENT BUY PER M: 30.000 IDR (€ 1,75)</p>
DESIGN ROOFS	<p>LIGHT STEEL IDR 150.000 (€10.5)/M²</p>	<p>WOODEN ROOF SYSTEM IDR 225.000 (€15.75)/M²</p>	<p>DO IT YOURSELF IDR ? (€ ?)/M²</p> <p>BUY PER ROOF AND CHOOSE IF YOU WANT TO REUSE FOR EACH PHASE (ONLY THE WOOD + LIGHT STEEL)</p>
FIND FLOORS	<p>CHICKEN WIRE IDR 27.000 (€2)/M²</p>	<p>STEEL SHEETS (2.10x0.80) IDR 55.000 (€3.85)/SHEET</p>	<p>WOODEN FLOOR, KAMPER BANJAH WOOD IDR 6.500.000 (€ 455)/M²</p> <p>DO IT YOURSELF IDR ? (€ ?)/M²</p> <p>USE THE HUB FOR DETAILING CONNECTIONS, ALSO FOR STEEL U-SHOES FOR THE WOODEN FLOORS</p>
PICK STAIRS	<p>CONCRETE FORMWORK IDR 250.000 (€17.5)/M²</p>	<p>WOODEN STAIRS IDR 350.000 (€24.5)/M²</p>	<p>DO IT YOURSELF IDR ? (€ ?)/M²</p> <p>FORMWORK CONCRETE FOR RENT, WOODEN STAIRS FOR SALE IN THE HUB.</p>
CHOOSE FACADES	<p>BRICK</p>	<p>BAMBOO MATS</p>	<p>HOLLOW CEMENT BLOCKS</p> <p>TREATED BAMBOO</p> <p>PLASTERED BRICK</p> <p>METAL SHEETING</p> <p>USE THE HUB FOR DETAILING, POSSIBLY FORMWORK FOR CREATIVE BRICKS</p>
DOORS & WINDOWS	<p>WINDOWS & DOORS</p>		<p>USE THE HUB FOR CNC MILLING OF DOORS/WINDOWS OR CONNECT WITH SECOND HAND STORES</p>

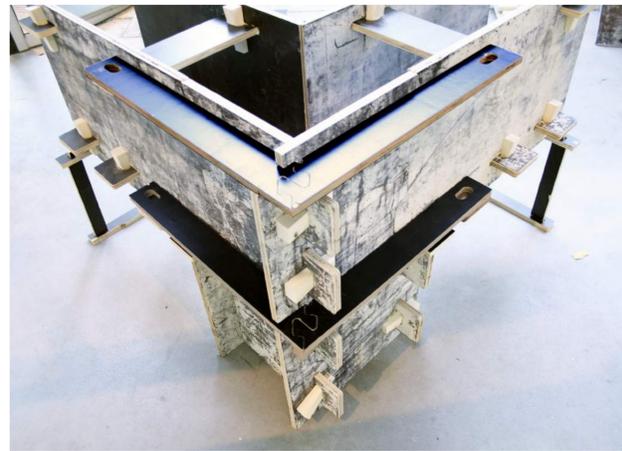
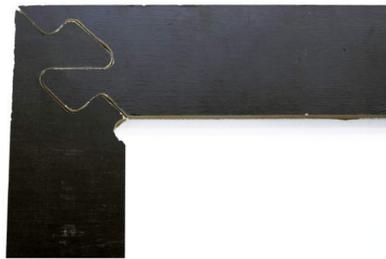
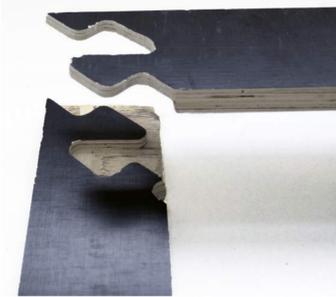


EXTERNAL ELEMENTS SYSTEM



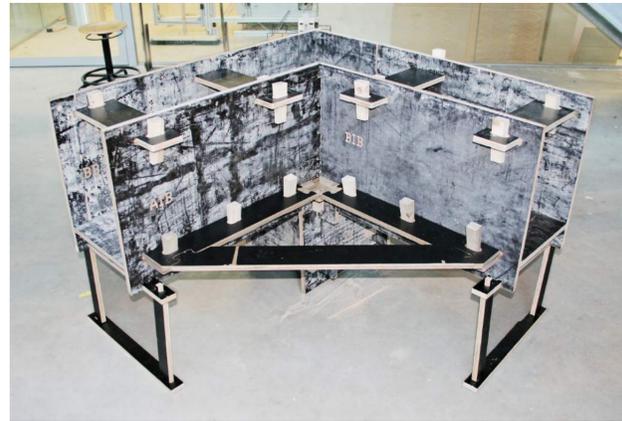
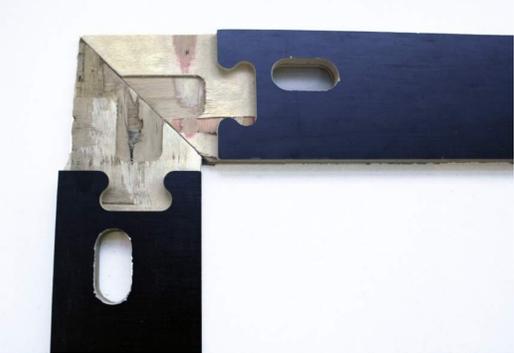
BUILDING SYSTEM - DETAILING 1:1

DETAIL 1: CORNER CONNECTION
JIGSAW MITER JOINT



DETAIL 2: CORNER BRACING
DOVETAIL KEY CORNER

HALVED DOVETAIL CORNER



DETAIL 3: INSIDE CORNER CONNECTION
SECRET FINGERTIP TENONS



DETAIL 4: STRAIGHT CONNECTION
DOUBLE DOVETAIL

