NEW COMMON HOUSE CONNECTING TO COURTYARD

NEIGHBORHOODS FORMING DIVIDED BY NEW STREETS

Original Landscape 1:500

PREOJECT SITE

TIN SHUI WAI NEW TOWN

TSW NORTH CENTRAL PARK

REUSED LANDSCAPE

NEW SHOPHOUSE-COMMON HOUSE NEIGHBORHOOD

NEW COURTYARD

NEW SIDE STREET

NEW PUBLIC BUILDING

NEW SHOPHOUSE-COMMON HOUSE NEIGHBORHOOD

NEW MAIN STREET

NEW PLAZA

TRANSITION/ENTRANCE

NEW SHOULHOUSE

NEW COMMON HOUSE

Central Plot Top View 1:1000

COMBINATION OF PUBLIC-PRIVATE-COMMON SPACE

------ NEW SHOPHOUSE-COMMON HOUSE NEIGHBORHOOD

Original Park Landscape 1:500

Neighborhood Ground Plan 1:200

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PRODUCED BY AN AUTODESK EDUCATIONAL PRODUCT
NEW COMMON HOUSE CONNECTING TO COURTYARD

PHASE I: RESIDENTS’ CHOICE

MIN. RESIDENT BUILT

MAX. RESIDENT BUILT

PHASE II: ADAPTATION

PHASE I: TRANSFORMATION

NEW SHOPHOUSE STREET FRONT

NEW SHOPHOUSE COURTYARD FRONT

MAIN STREET DIVIDING TWO NEW SHOPHOUSE NEIGHBORHOODS WITH COURTYARDS IN BETWEEN

NEW SHOPHOUSE INTERNAL WORK & OPEN WORK SPACE

NEW SHOPHOUSE PRIVATE LIVING & OPEN LIVING SPACE

NEW SHOPHOUSE CO-LIVING SPACE

NEW SHOPHOUSE CO-WORKING SPACE

INDIVIDUAL LIVE-WORK UNIT

--- NEW SHOPHOUSE

--- PHASE I: TRANSFORMATION

--- Reverse Live-work Change external partition

--- Bathroom 3.4m²

--- Storage 9.52m²

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--- NEW SHOPHOUSE STREET FRONT

--- MAIN STREET (12m wide) FREE FOR ANY OCCUPATION

--- NEW SHOPHOUSE COURTYARD FRONT

--- Main Street dividing two new shophouse neighborhoods with courtyards in between

--- Single working unit

--- Single living unit

--- Consultant’s home 

--- Doctor’s home

--- Designer’s home

--- Open plan studio half-open partition change external partition

--- Preset partition

--- Living area + Kitchen 10m² Casual Working/Waiting area 12m²

--- 1-person Bedroom 6.2m²

--- Pantry/Storage 3m²

--- Cafe owner’s home Retailer’s home

--- Artist’s home

--- Preset partition

--- Shopfront 12m²

--- Living area + Kitchen 10m²

--- Casual Working/Waiting area 12m²

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REASSEMBLY OF REUSED MATERIALS WITH NEW VENTILATION, SUNSHADING & INSULATION

**Step 1:** On top of New Foundation, Install Reused Structural Wall with addition of New Columns & Beams

**Step 2:** Adding Reused Partition Walls & New Partition Walls

**Step 3:** Adding Doors & Windows

**Step 4:** Adding Adjustable Ventilation Grille for Cross Ventilation with insulation on the inside

**Step 5:** Sunshading corridor cover with addition of Sunshading Louver, Green Roof & Insulation to avoid heat absorption

**VENTILATION PRINCIPLE**

**SUNSHADING PRINCIPLE**

**STRUCTURAL ASSEMBLY**

**Section 1:20**

**Elevation 1:20**

**Plan 1:20**

**Detail A 1:5**

**Detail B 1:5**

**Detail C 1:5**

**Detail D 1:5**

**Detail E 1:5**