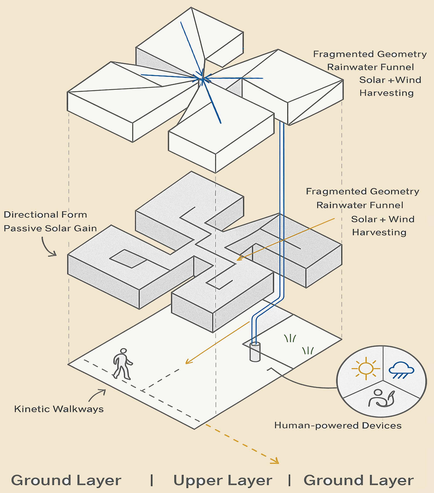
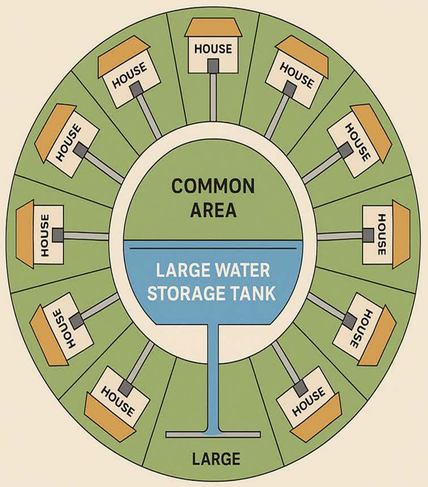
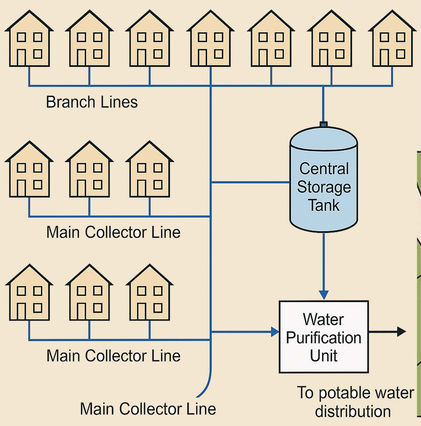
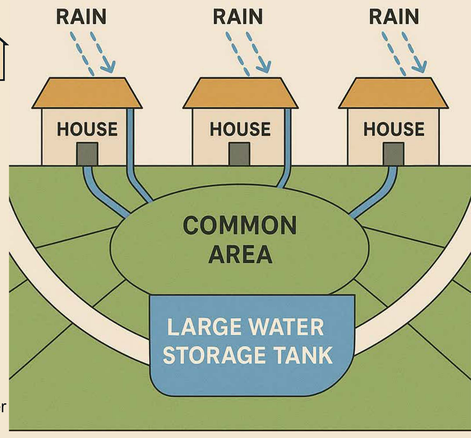
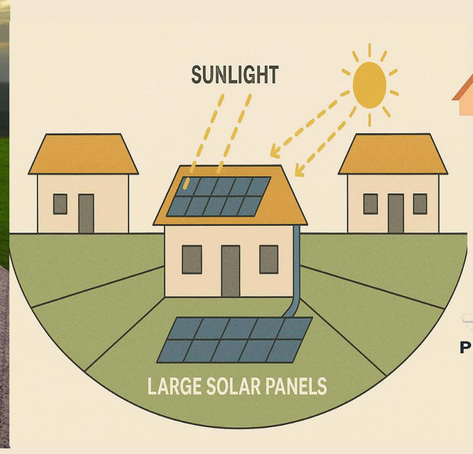
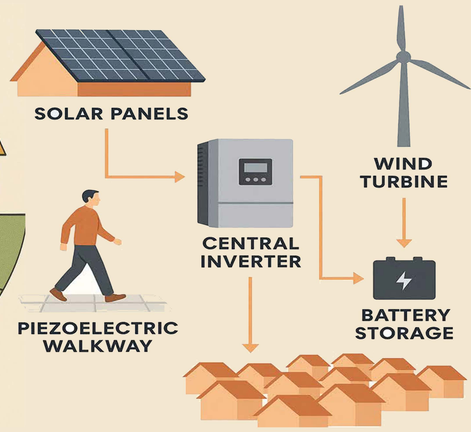

Fragmented Geometry
Rainwater Funnel
Solar +Wind
Harvesting
Directional Form
Passive Solar Gain
Fragmented Geometry
Rainwater Funnel
Solar + Wind
Harvesting
Kinetic Walkways
Human-powered Devices
Ground Layer | Upper Layer | Ground Layer

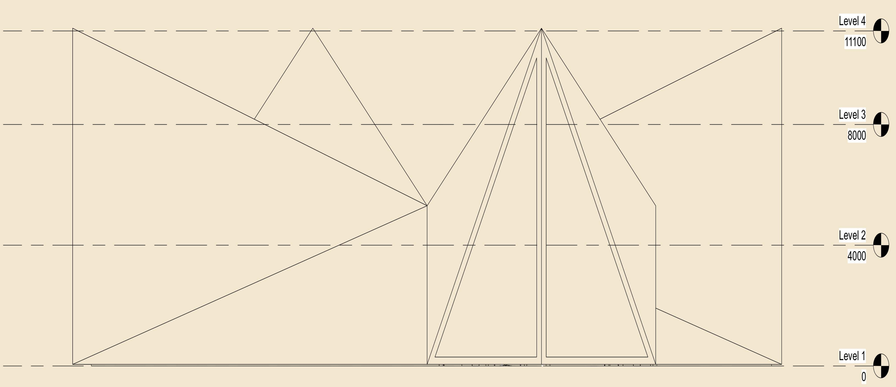

HOUSE
COMMON AREA
LARGE WATER STORAGE TANK
LARGE


Branch Lines
Central Storage Tank
Main Collector Line
Main Collector Line
Water Purification Unit
Main Collector Line
To potable water distribution


RAIN
RAIN
RAIN
HOUSE
HOUSE
HOUSE
COMMON AREA
LARGE WATER STORAGE TANK


SUNLIGHT
LARGE SOLAR PANELS

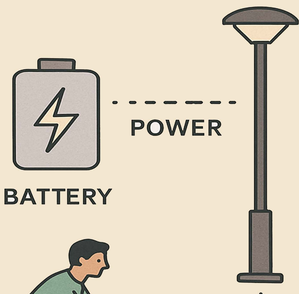

SOLAR PANELS
WIND TURBINE
CENTRAL INVERTER
BATTERY STORAGE
PIEZOELECTRIC WALKWAY


Level 4
11100
Level 3
8000
Level 2
4000
Level 1
0

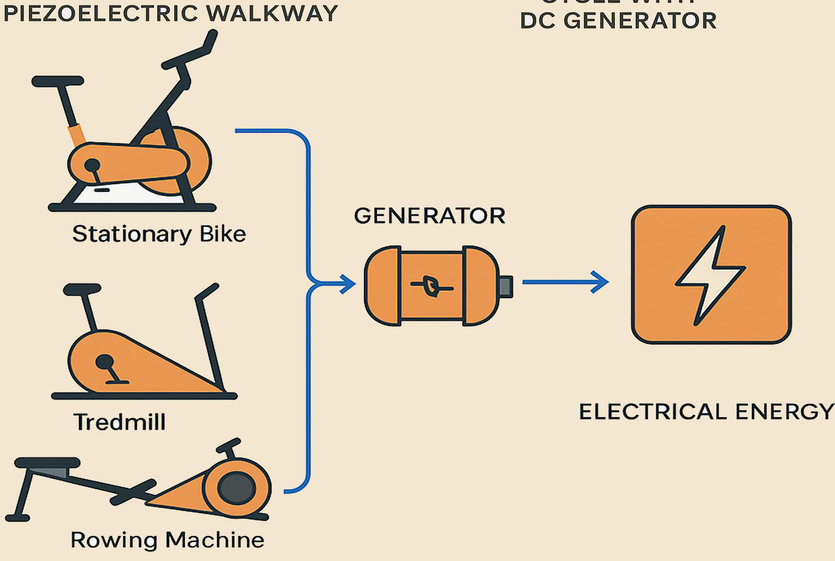
elevation

KINETIC ENERGY HARVESTING BENCH

PIEZOELECTRIC WALKWAY


POWER
BATTERY

CYCLE WITH DC GENERATOR


Stationary Bike
Tredmill
Rowing Machine
GENERATOR
ELECTRICAL ENERGY