

# THE STREAMING BRAIDS

**The principal planning** – The rule of placing houses is a braid theory. Each house is attached to next houses like a braid. By this manner, while whole housing becomes homogenous, each house has its own privacy at the same time.

**Sustainable Development** – To minimize earth work and save existing natural environment, location of housing is chosen to terraced area. By facing south, all the houses can get enough sunlight during daytime. Linear shape of the houses makes air ventilation easy.

**Water Conservation** – Linked roofs design is intended to collect rain water. Because houses are located on the hill side, rain water runs on the sloped roofs like a stream into a water reservoir. Collected rain water could be used for gardening, cleaning, etc.

**Agriculture** – Proposed major agriculture is herb planting. Since most of residence are not professional farmers, planting should not be difficult and herb is easy to take care. It is used for tea, spice, potpourri, etc.

**Job creation** – herb is a good source to develop secondary industries like soap, shampoo, and perfume. These industries don't require heavy machines and special technologies. Furthermore, herb garden itself is a source for tourism.

**Recreation & Open Space** – Proposed recreation is croquet, which is easy to play for seniors and promenade. Community garden consists of tea pavilion, where residence can have a cup of herb tea with neighbors with a view of water reservoir.

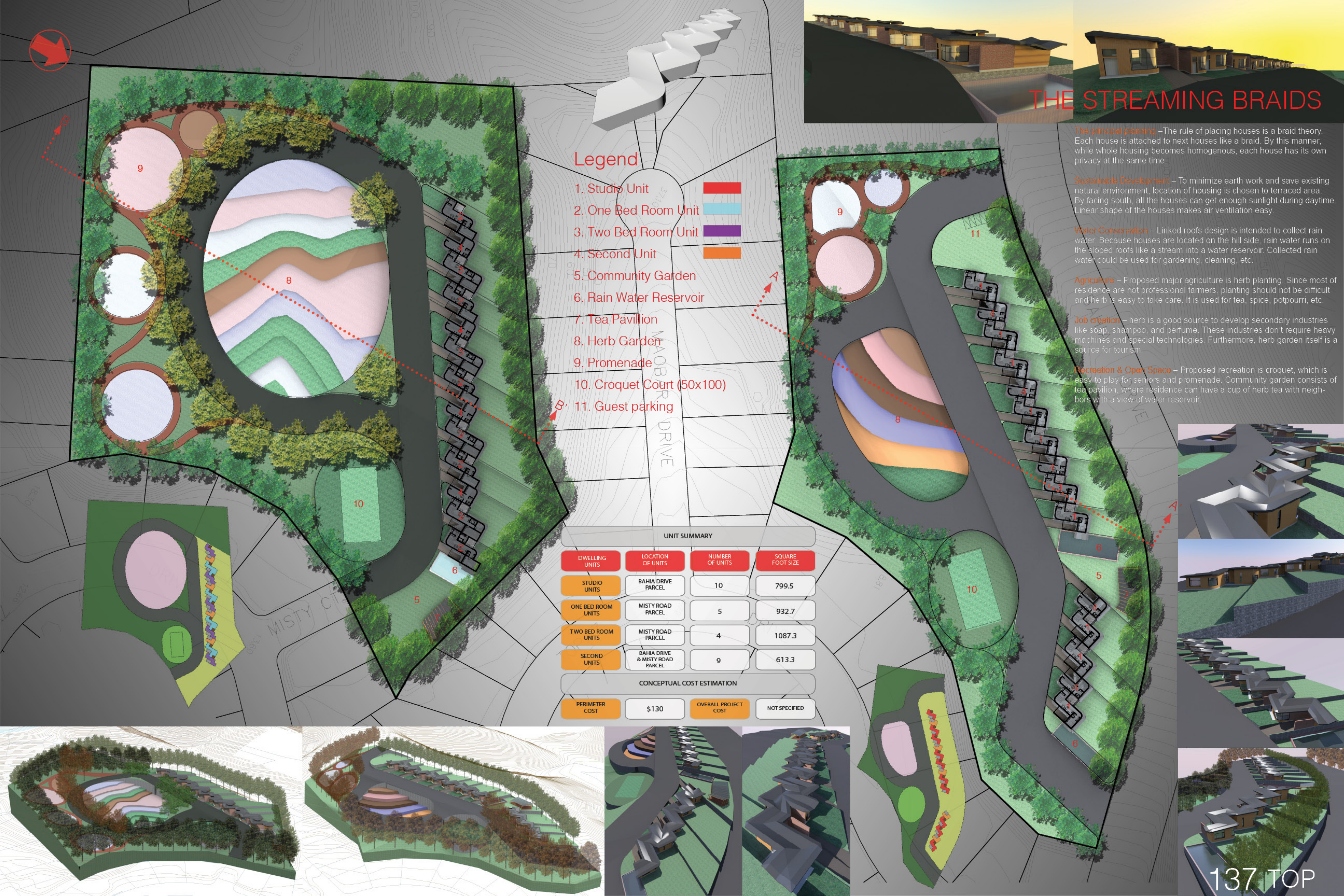
## Legend

- 1. Studio Unit
- 2. One Bed Room Unit
- 3. Two Bed Room Unit
- 4. Second Unit
- 5. Community Garden
- 6. Rain Water Reservoir
- 7. Tea Pavilion
- 8. Herb Garden
- 9. Promenade
- 10. Croquet Court (50x100)
- 11. Guest parking

UNIT SUMMARY			
DWELLING UNITS	LOCATION OF UNITS	NUMBER OF UNITS	SQUARE FOOT SIZE
STUDIO UNITS	BAHIA DRIVE PARCEL	10	799.5
ONE BED ROOM UNITS	MISTY ROAD PARCEL	5	932.7
TWO BED ROOM UNITS	MISTY ROAD PARCEL	4	1087.3
SECOND UNITS	BAHIA DRIVE & MISTY ROAD PARCEL	9	613.3

CONCEPTUAL COST ESTIMATION			
PERIMETER COST	\$130	OVERALL PROJECT COST	NOT SPECIFIED







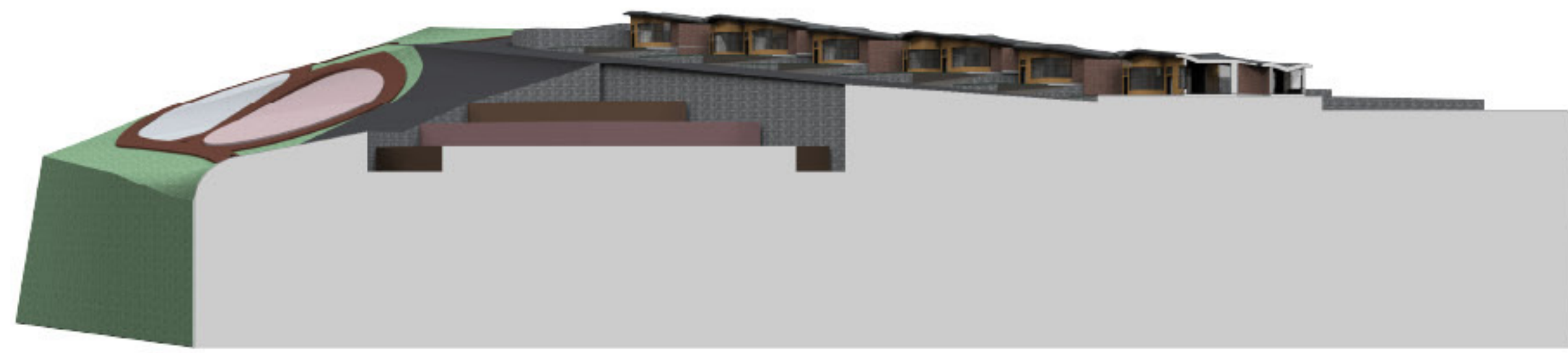
Parcel A Elevation from Bahia Drive

0 25 50



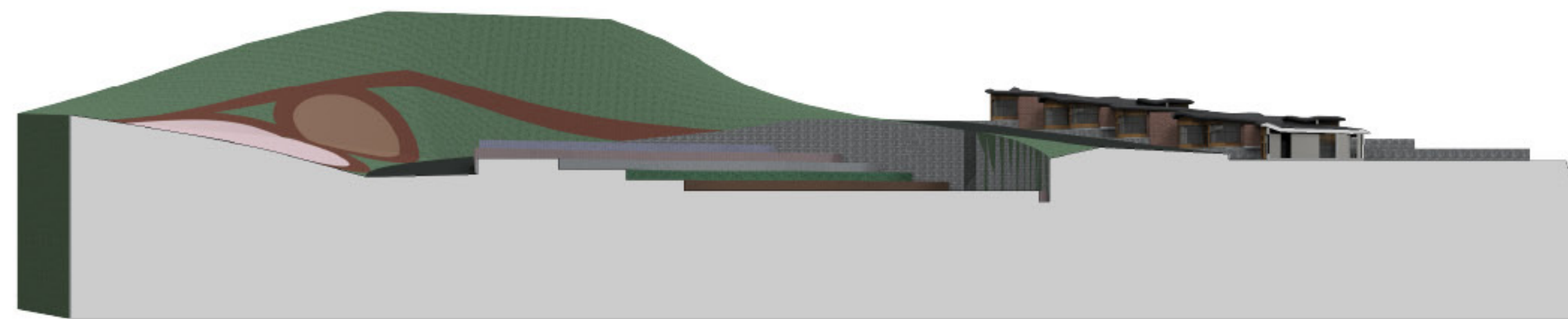
Parcel B Elevation from The extended Misty Road

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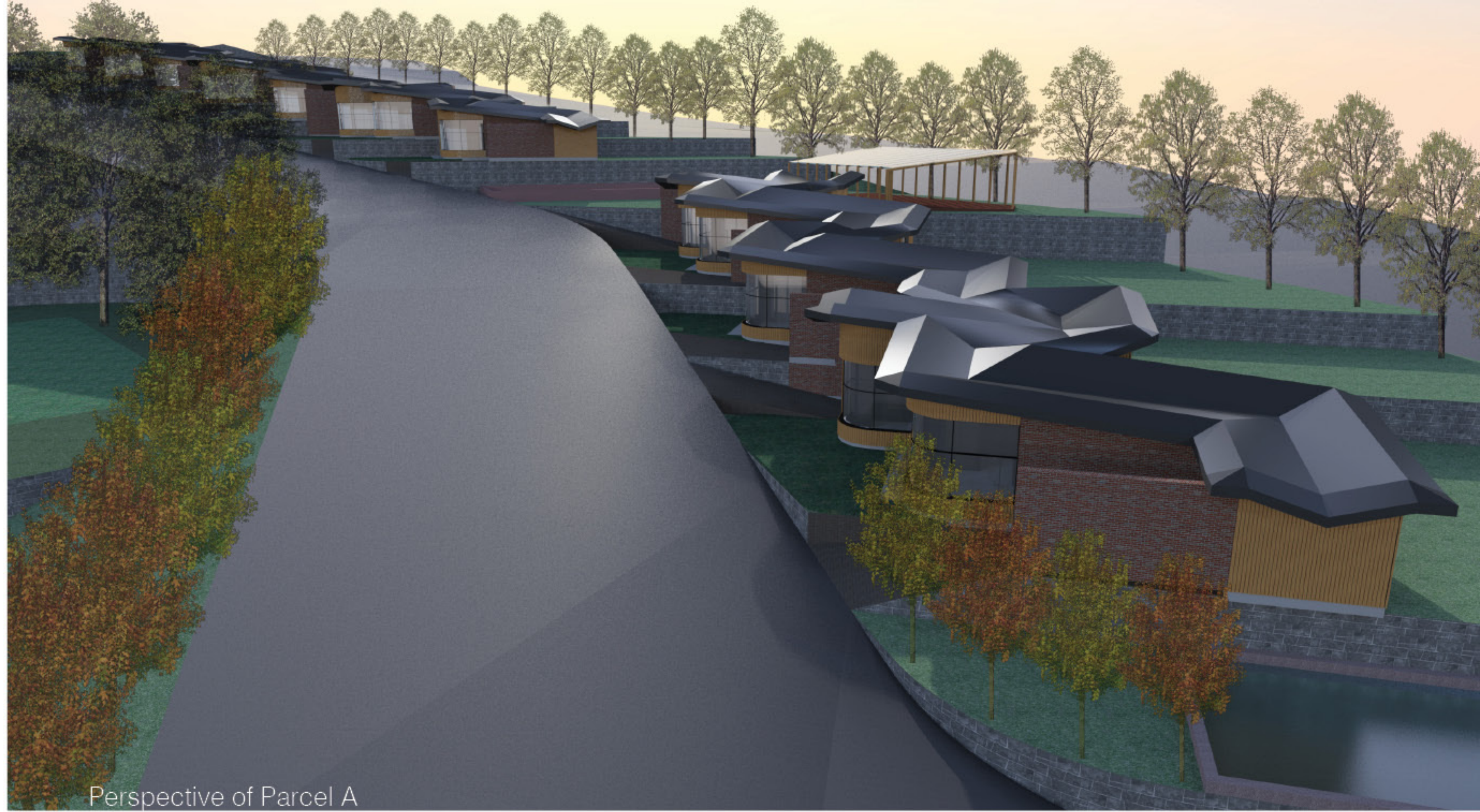
Parcel A North-South Cross Section A-A'

0 25 50

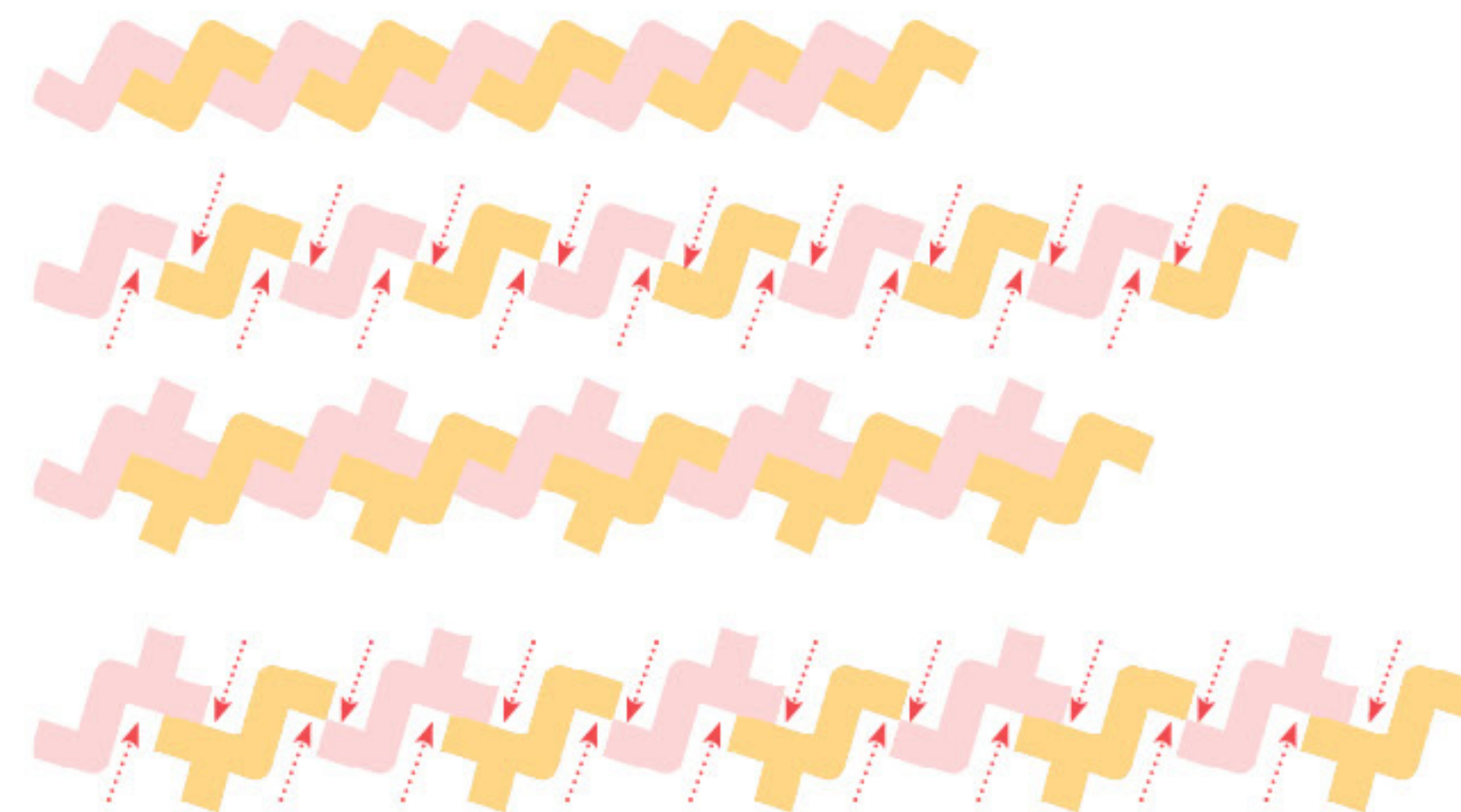


Parcel B North-South Cross Section B-B'

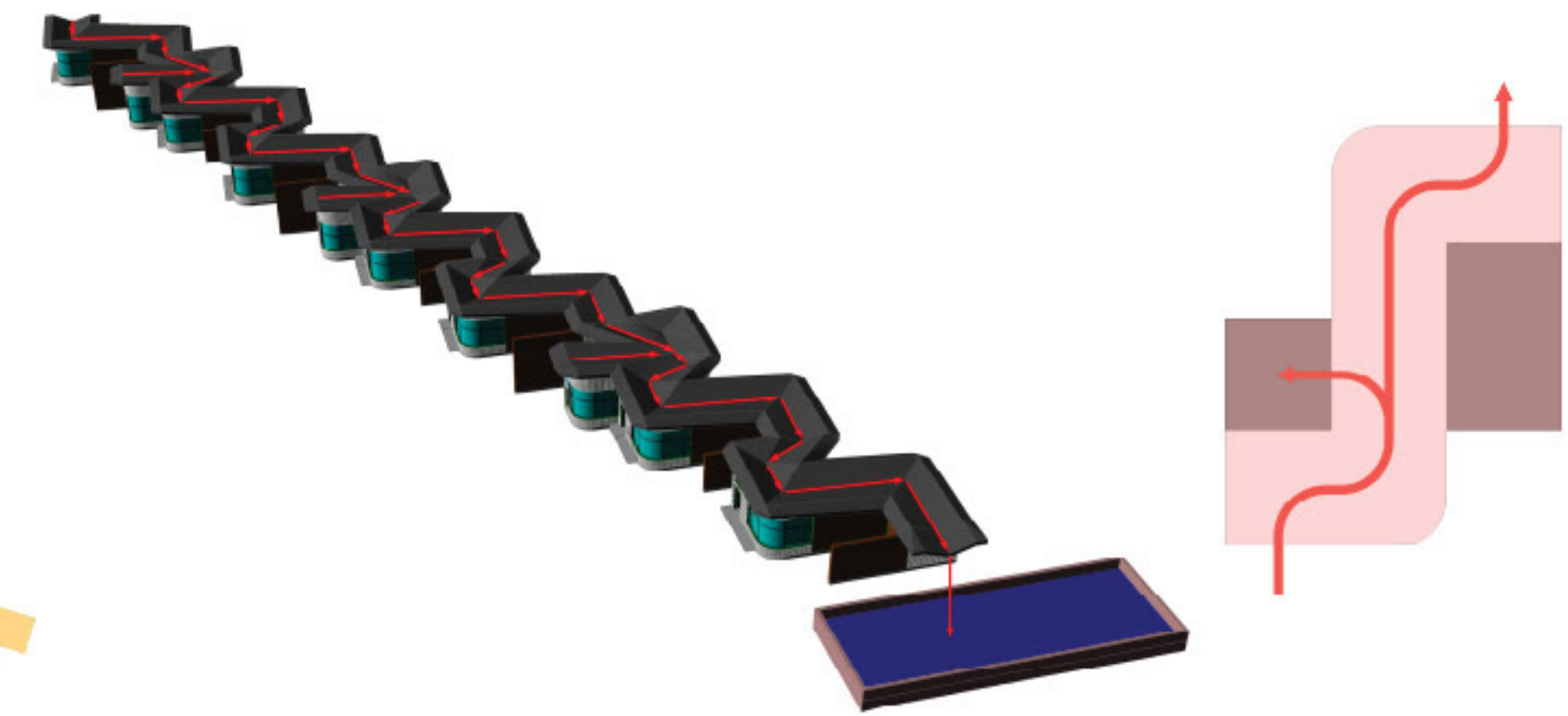
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Perspective of Parcel A



Braids Concept Diagram

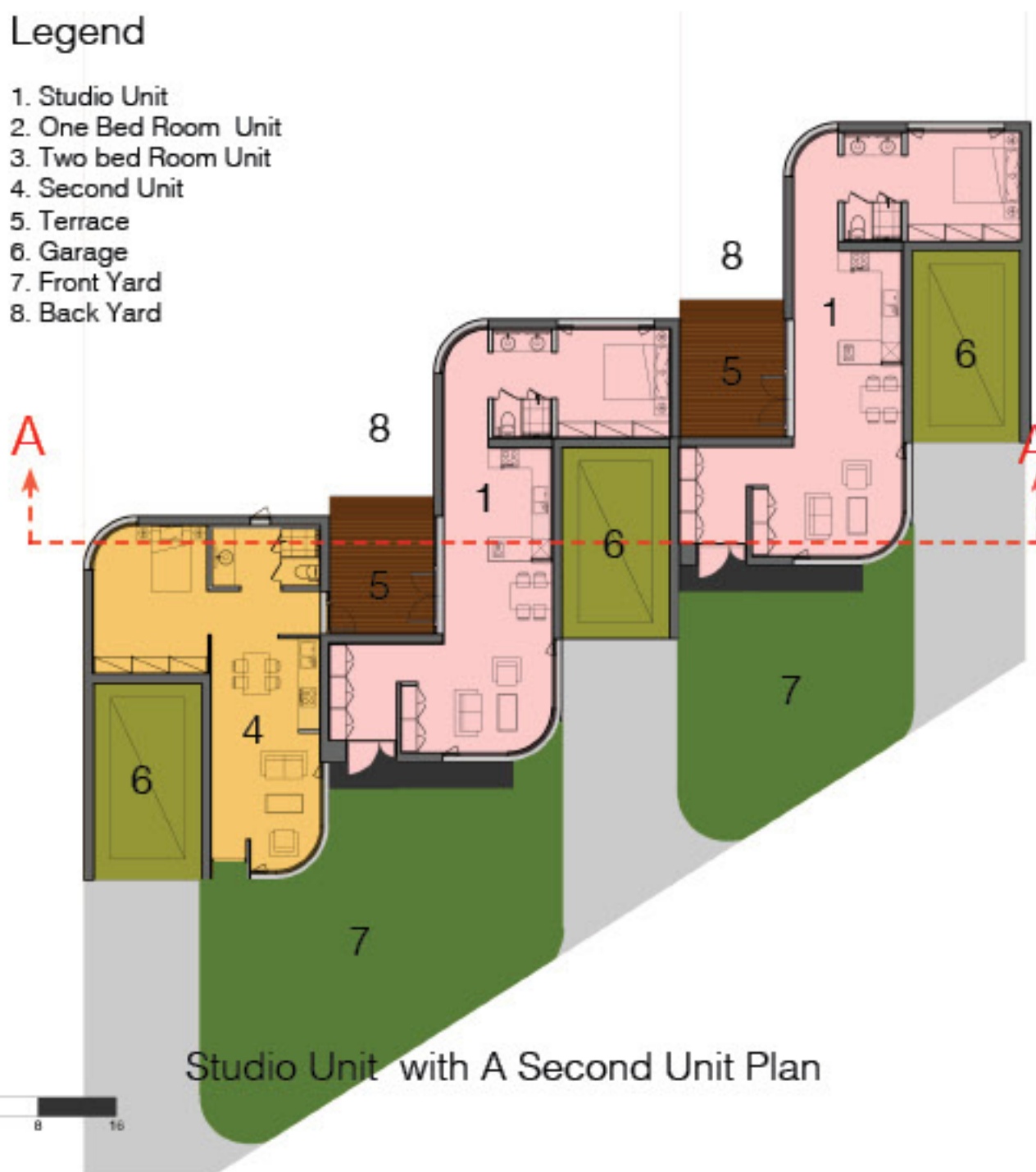


Rain Water Collecting Roof Diagram

Ventilation Diagram

Legend

- 1. Studio Unit
- 2. One Bed Room Unit
- 3. Two bed Room Unit
- 4. Second Unit
- 5. Terrace
- 6. Garage
- 7. Front Yard
- 8. Back Yard



Studio Unit with A Second Unit Plan



One & Two Bed Room Units with A Second Unit Plan



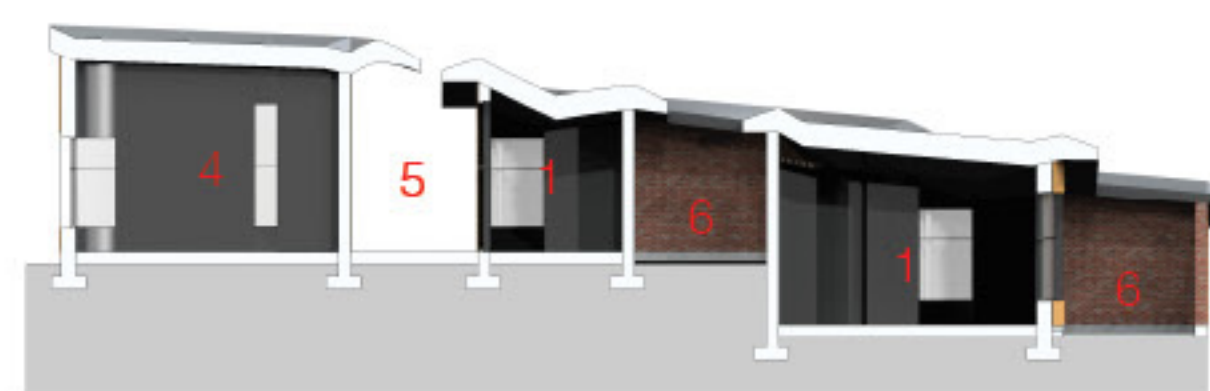
Studio with A Second Unit Elevation



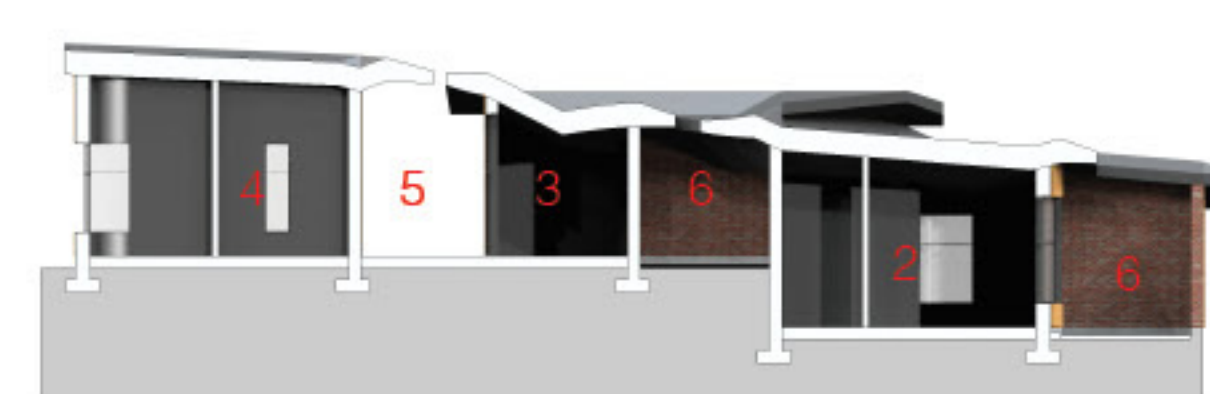
One and Two Bed room with A Second Unit Elevation



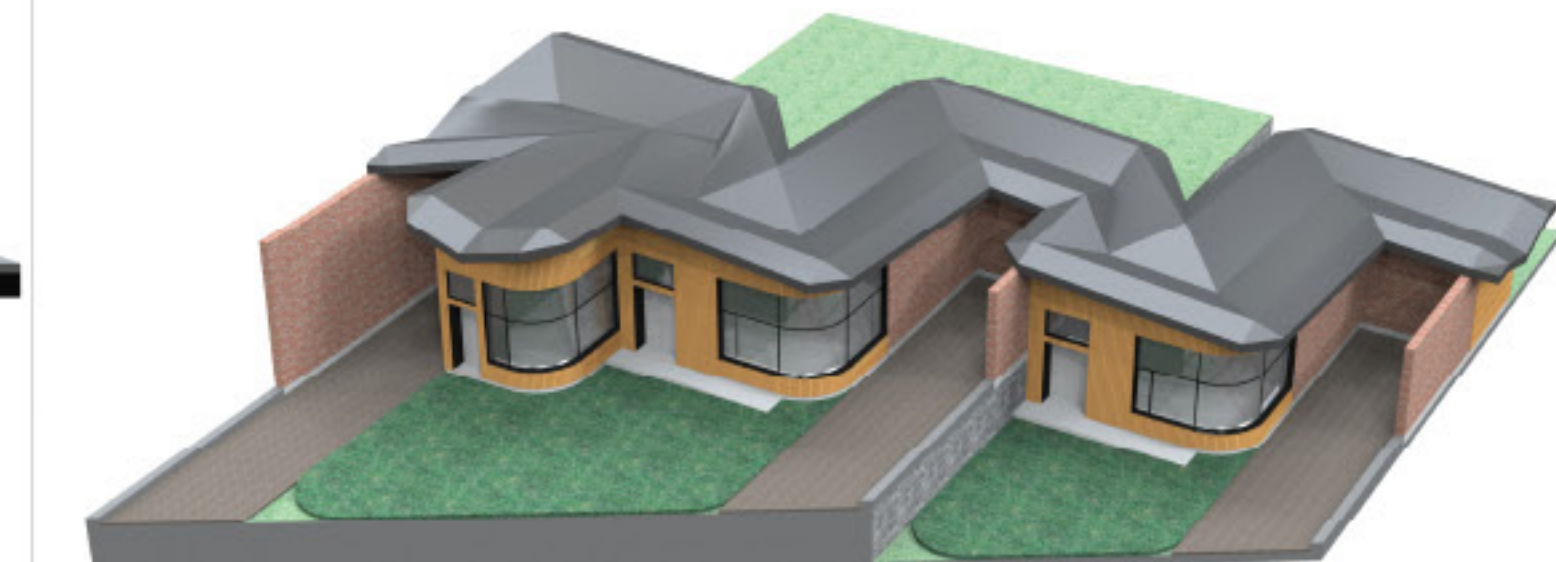
Cross Section A-A'



Cross Section B-B'



Studio with A Second Unit Perspective



One and Two Bed room with A Second Unit Perspective