

TABLE 17: Wind Power. This table prescribes opportunities for the placement of Wind Turbines within the Transect.



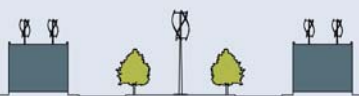
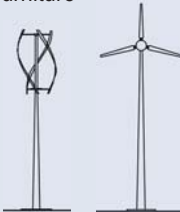

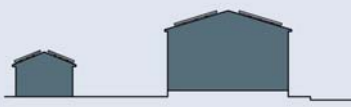

	T1	T2	T3	T4	T5	T6	SD	Specifics
<p>Wind Farm</p> 	■						■	
<p>Horizontal Axis</p> 	■	■	■	■			■	
<p>Vertical Axis</p> 			■	■	■	■	■	
<p>Public Furniture</p> 			■	■	■	■	■	

TABLE 18: Solar Energy. This table shows opportunities for the placement of Solar Panels within the Transect.

	T1	T2	T3	T4	T5	T6	SD	Specifics
<p>Solar Farm</p> 	■						■	
<p>Roof Mounted Solar Panels</p> 	■	■	■	■	■	■	■	
<p>Public Furniture</p> 			■	■	■	■	■	

Note: A solar dish/engine system also utilizes solar collectors tracking the sun on two axes but it concentrates the energy at the focal point of a separate dish.

TABLE 19: Food Production. This table shows ways of incorporating food production within the transect.



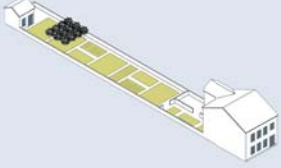
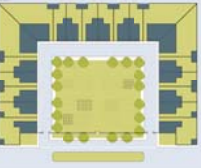
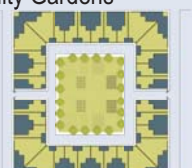
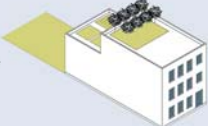

	T1	T2	T3	T4	T5	T6	SD	Specifics
Farm 	■						■	
Agricultural Plots 		■	■				■	
Vegetable Garden 		■	■	■				
Urban Farm 			■	■	■			
Community Gardens 			■	■	■	■		
Green Roof - Extensive - Semi Intensive - Intensive 	■	■	■	■	■	■	■	
Vertical Farm 					■	■	■	

TABLE 20: Sustainability Standards.

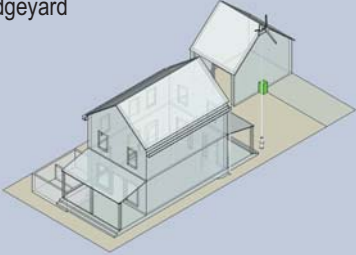
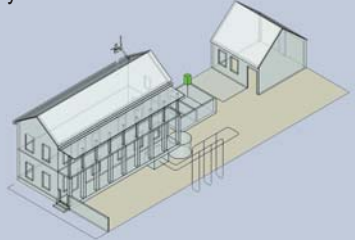
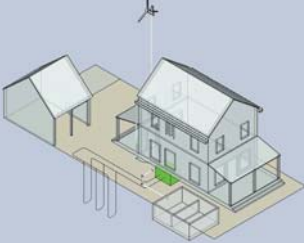
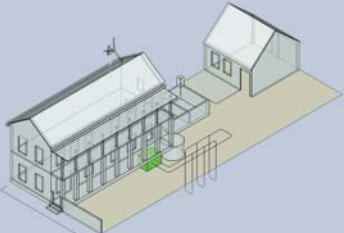
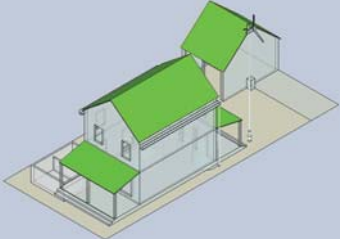
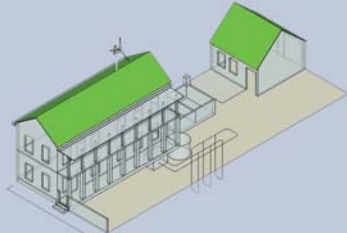
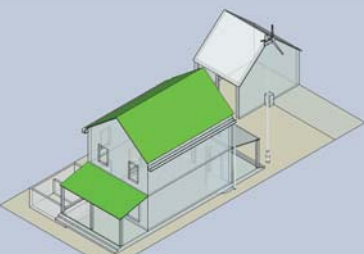

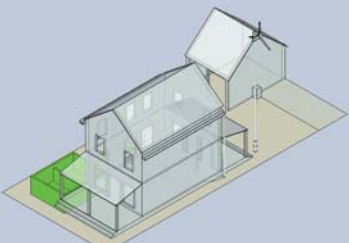
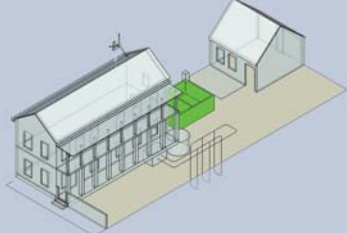
<p>a. Compost Bins:</p>	<p>Edgeyard</p>  <p>T1 T2 T3 T4</p>	<p>Sideyard</p>  <p>T4 T5</p>
<p>b. Geothermal Wells:</p>	 <p>T1 T2 T3 T4</p>	 <p>T4 T5</p>
<p>c. Green Roofs:</p>	 <p>T1 T2 T3 T4</p>	 <p>T4 T5</p>
<p>d. Hot Water Panels:</p>	 <p>T1 T2 T3 T4</p>	 <p>T4 T5</p>
<p>e. Septic Tanks:</p>	 <p>T1 T2 T3 T4</p>	 <p>T4 T5</p>

TABLE 20: Sustainability Standards.

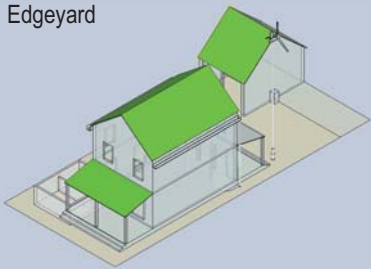
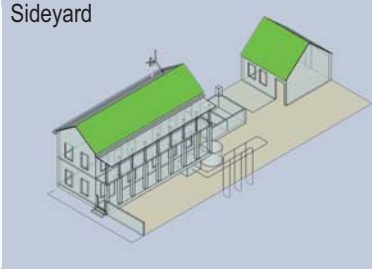
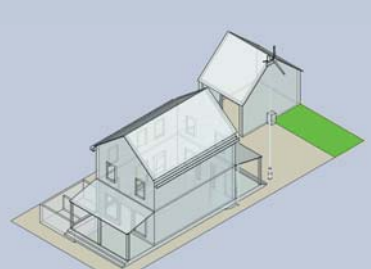
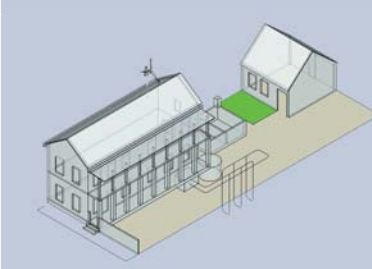
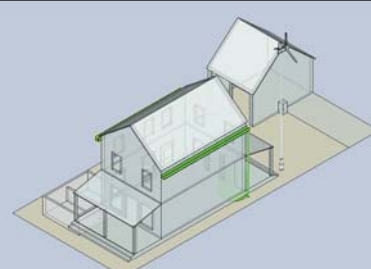
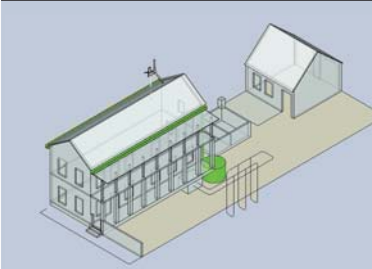
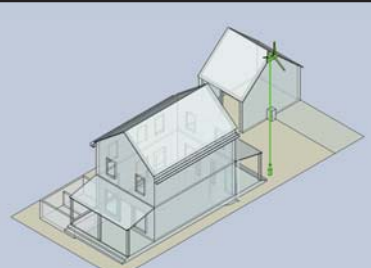
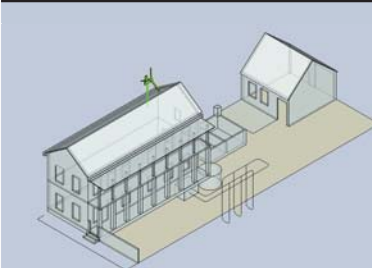
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<p>g. Vegetable Gardens:</p>	 <p>T1 T2 T3 T4</p>	 <p>T4 T5</p>
<p>h. Water Harvesters:</p>	 <p>T1 T2 T3 T4</p>	 <p>T4 T5</p>
<p>i. Wind Turbines:</p>	 <p>T1 T2 T3 T4</p>	 <p>T4 T5</p>

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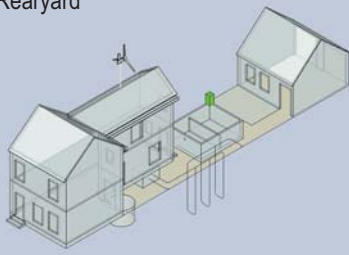
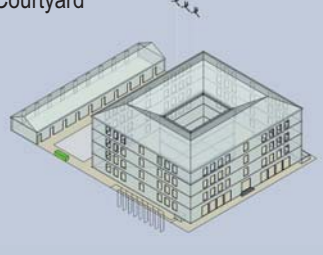
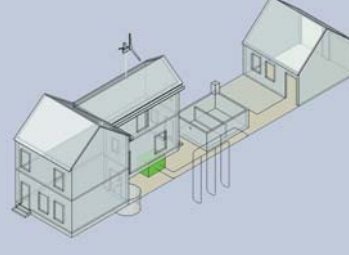
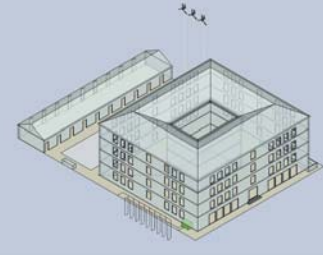
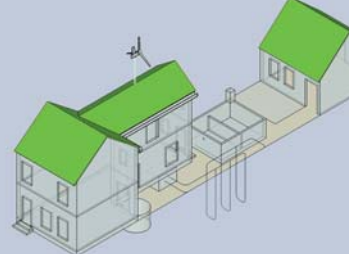
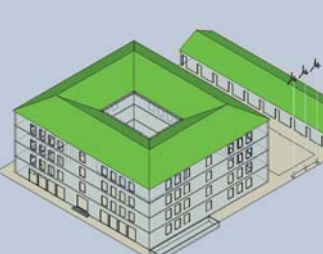
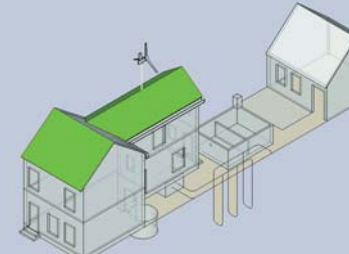
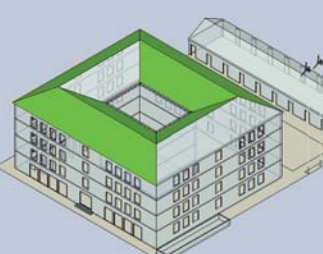
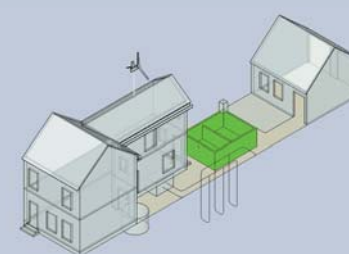
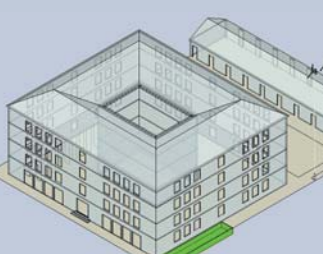
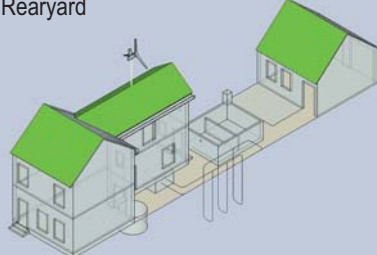
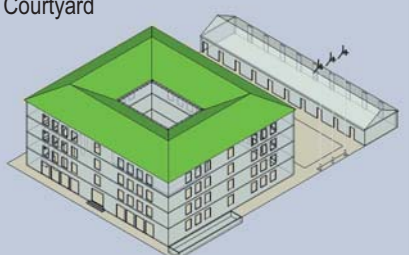
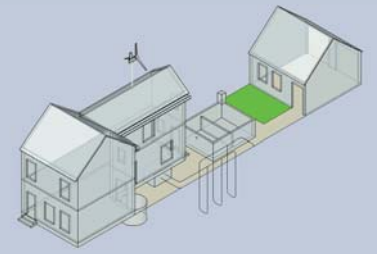
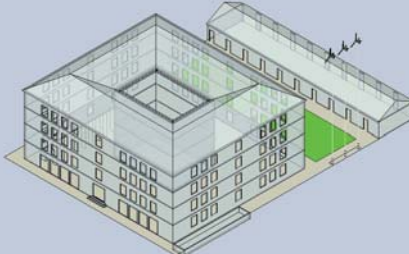
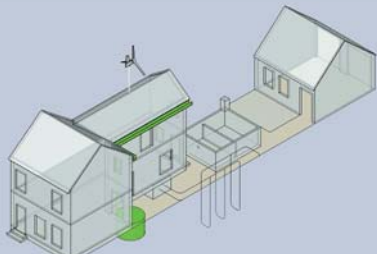
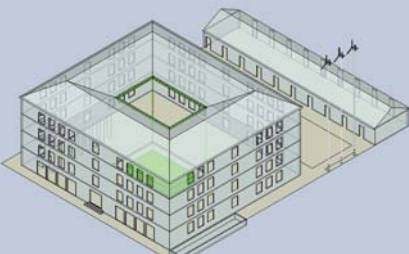
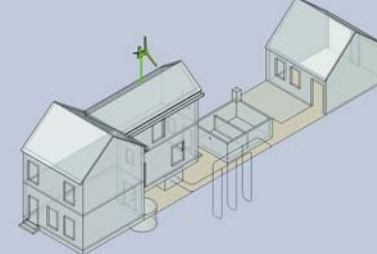
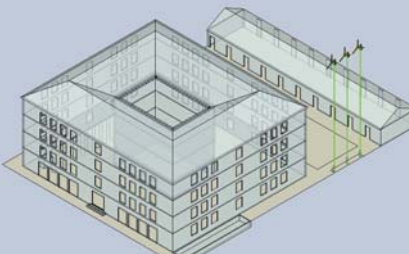
<p>a. Compost Bins:</p>	<p>Rearyard</p>  <p>T4 T5 T6</p>	<p>Courtyard</p>  <p>T5 T6</p>
<p>b. Geothermal Wells:</p>	 <p>T4 T5 T6</p>	 <p>T5 T6</p>
<p>c. Green Roofs:</p>	 <p>T4 T5 T6</p>	 <p>T5 T6</p>
<p>d. Hot Water Panels:</p>	 <p>T4 T5 T6</p>	 <p>T5 T6</p>
<p>e. Septic Tanks:</p>	 <p>T4 T5 T6</p>	 <p>T5 T6</p>

TABLE 20: Sustainability Standards.

<p>f. Solar Roofs:</p>	<p>Rearyard</p>  <p>T4 T5 T6</p>	<p>Courtyard</p>  <p>T5 T6</p>
<p>g. Vegetable Gardens:</p>	 <p>T4 T5 T6</p>	 <p>T5 T6</p>
<p>h. Water Harvesters:</p>	 <p>T4 T5 T6</p>	 <p>T5 T6</p>
<p>i. Wind Turbines:</p>	 <p>T4 T5 T6</p>	 <p>T5 T6</p>

DEFINITIONS

Wind Turbines: A device for converting wind energy into mechanical (wind-mill) or electrical energy.

Vertical Axis Wind Turbine: Vertical Axis wind turbines have blades going from top to bottom.

Horizontal Axis Wind Turbine: Most existing wind turbines are of the horizontal Axis type. Horizontal Axis wind turbines have blades like airplane propellers.

Solar Farm: The term used to describe a facility where many photovoltaic (PV) systems are centrally located. The minimum size for a solar farm would be around one (1) megawatt.

Urban Farm: An urban farm is land dedicated to the production of vegetables and fruits in a neighborhood for local consumption.

Vertical Farm: Dr. Dickson Despommier of Columbia, has coined the term “vertical farm” to explain his idea of farms in skyscrapers. They offer the promise of urban renewal, sustainable production of a safe and varied food supply (year-round crop production), and the eventual repair of ecosystems that have been sacrificed for horizontal farming.

Geothermal Well: Geothermal energy is heat from within the earth. The steam and hot water produced inside the earth can be used to heat buildings or generate electricity.

Solar Roof: A solar roof is the roof of a house or commercial building that is covered with an array of solar panels or shingles.

Water Harvester: The system captures rainwater from roofs via guttering and down pipes collecting in a stage filter tank in the garden. After this the water can be used for toilets, irrigation and even for washing machines.