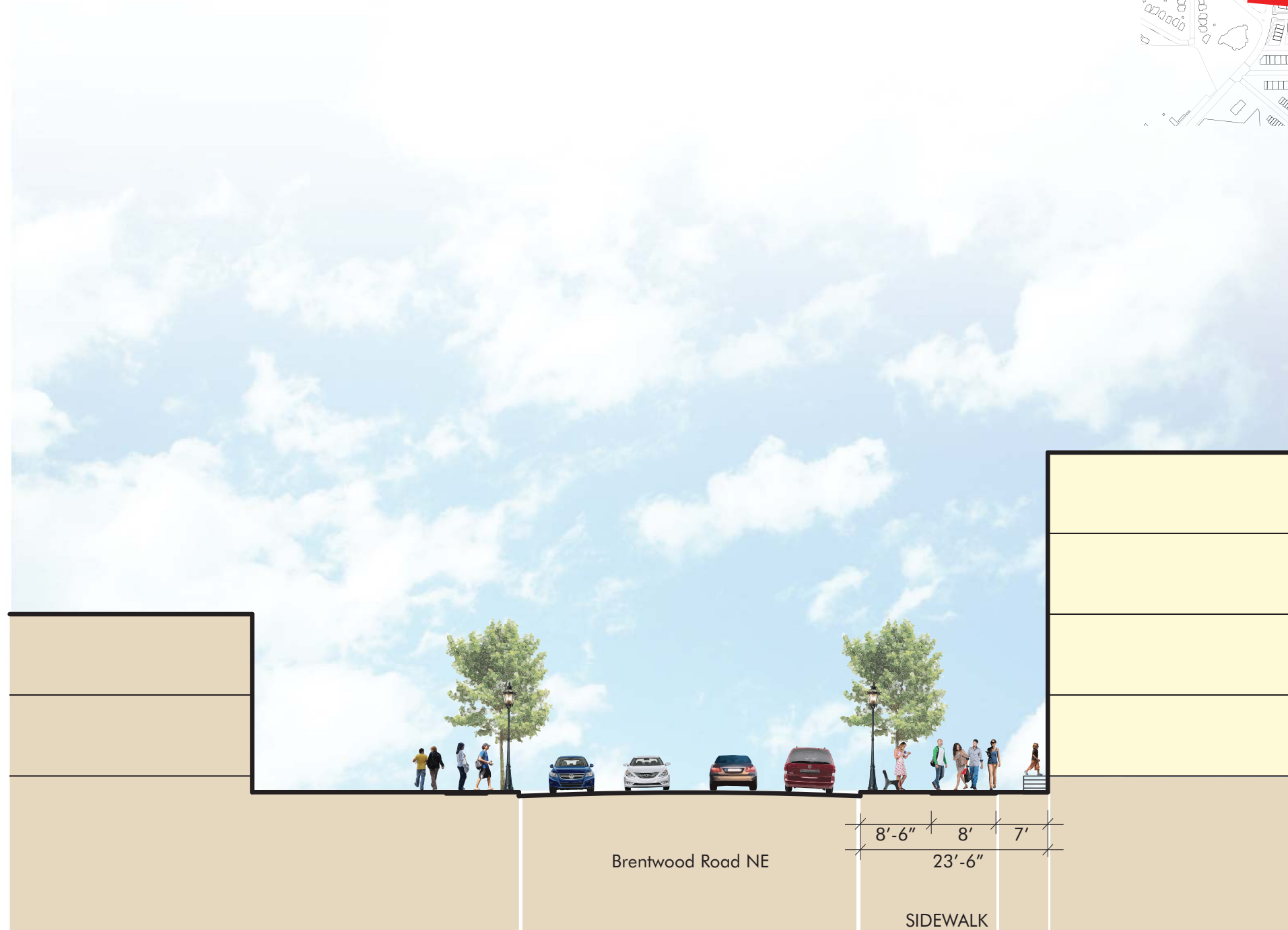
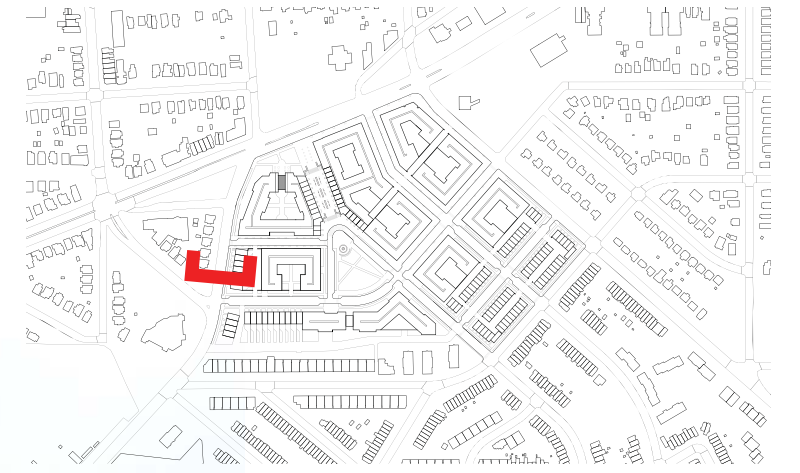
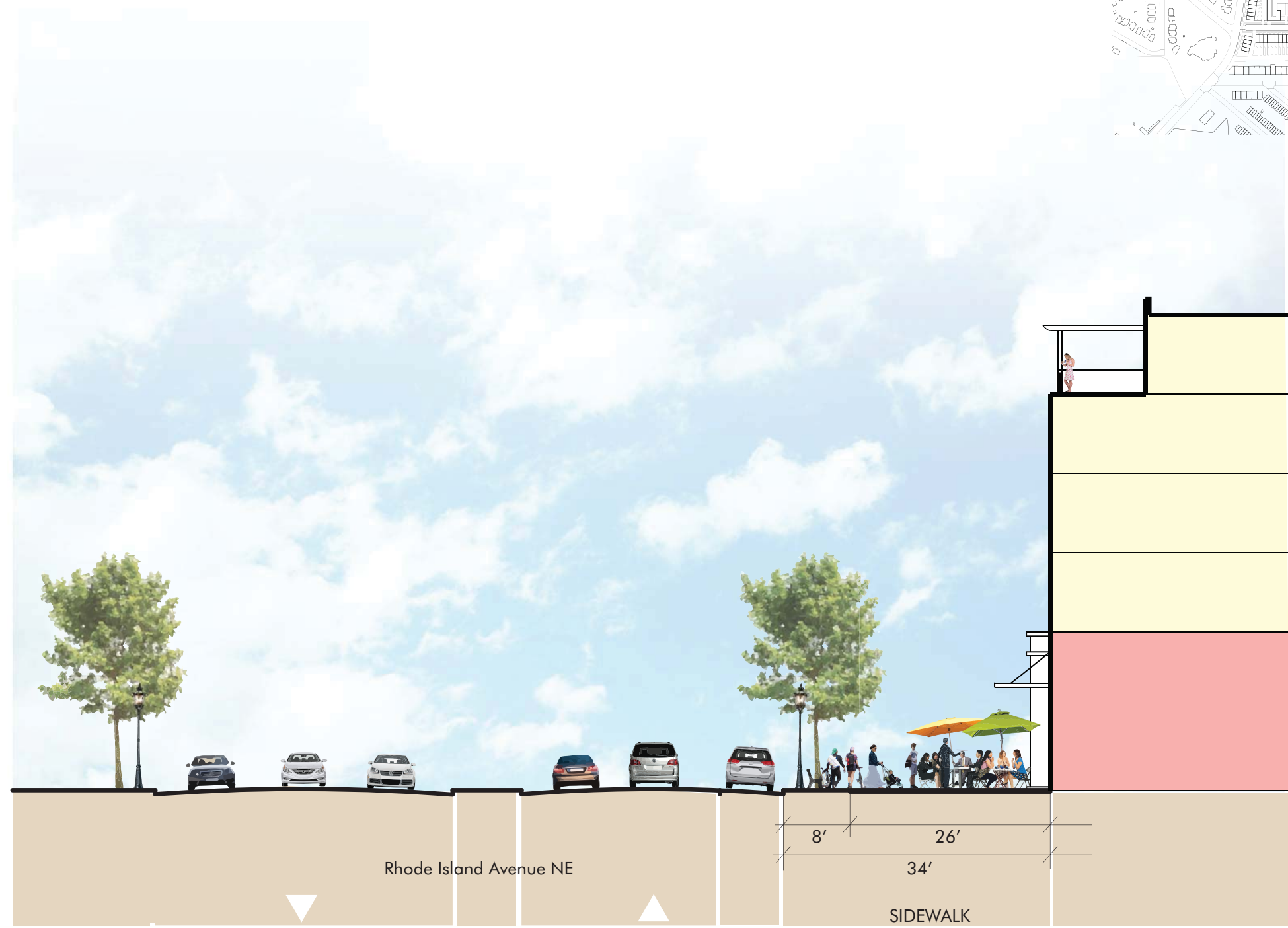
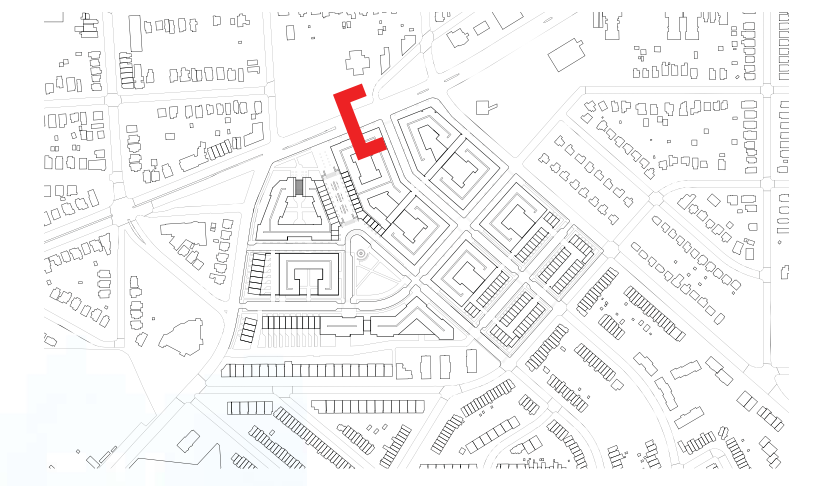


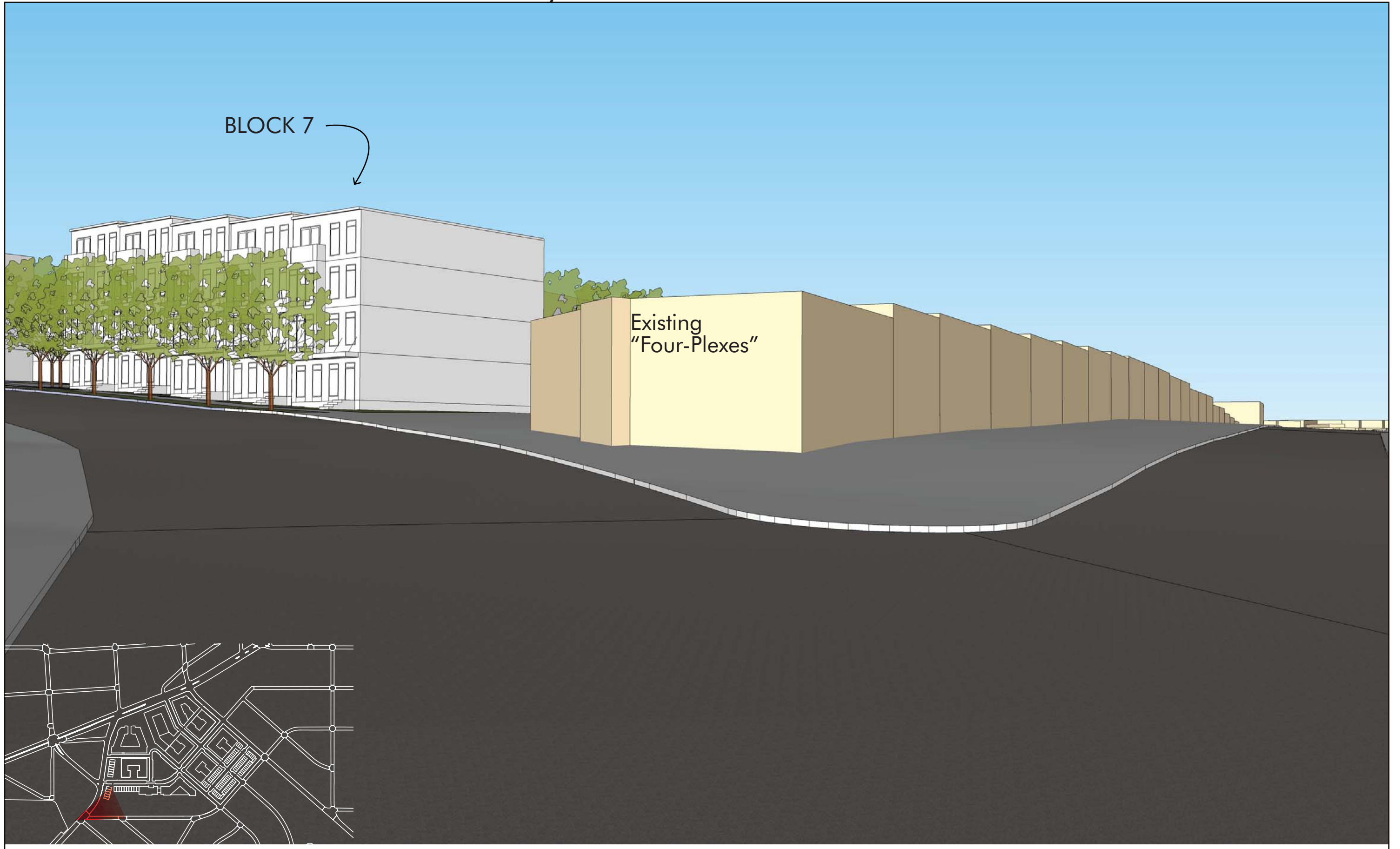
# Proposed Street Section



# Proposed Street Section

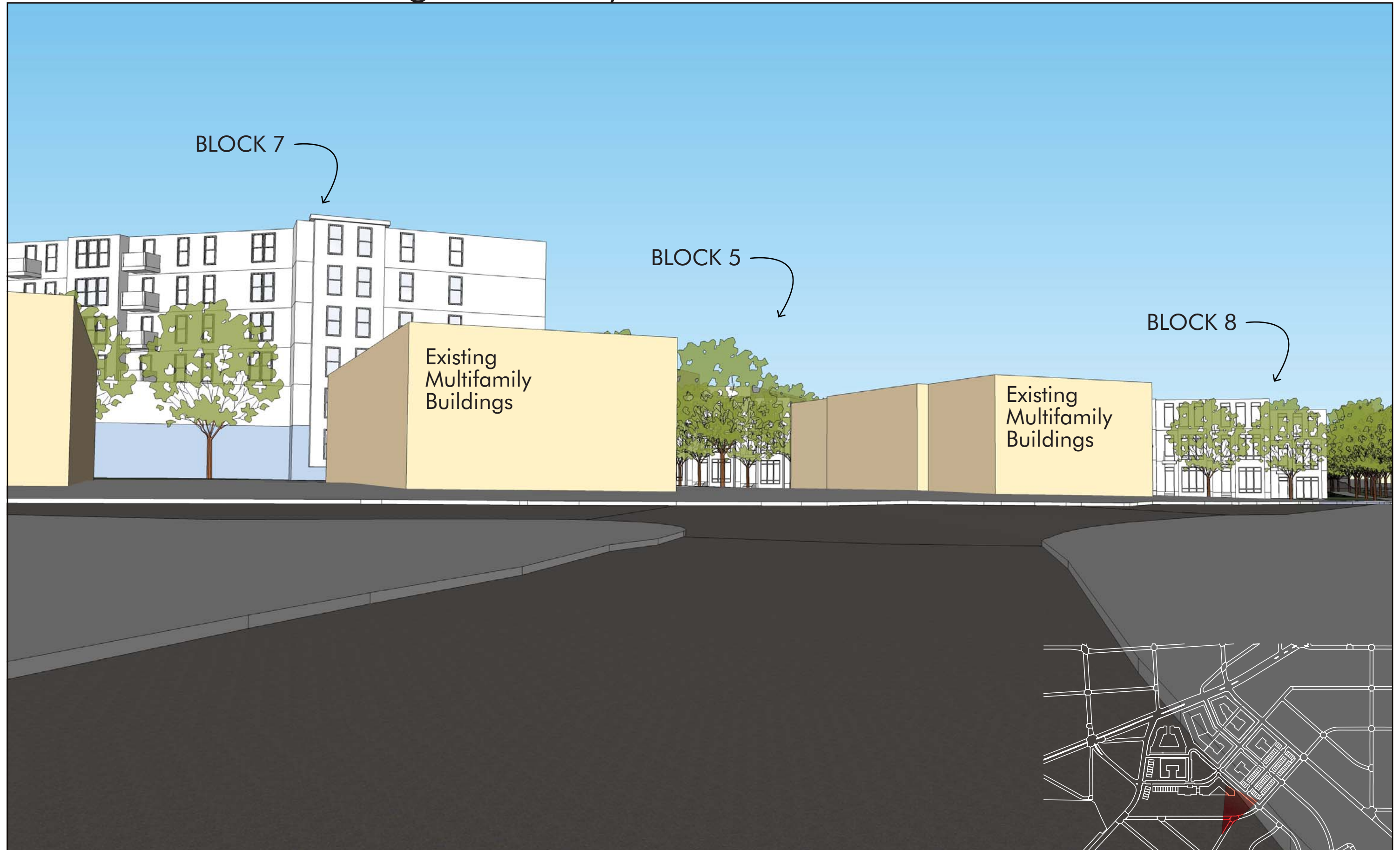


# View at Brentwood Rd and Bryant St

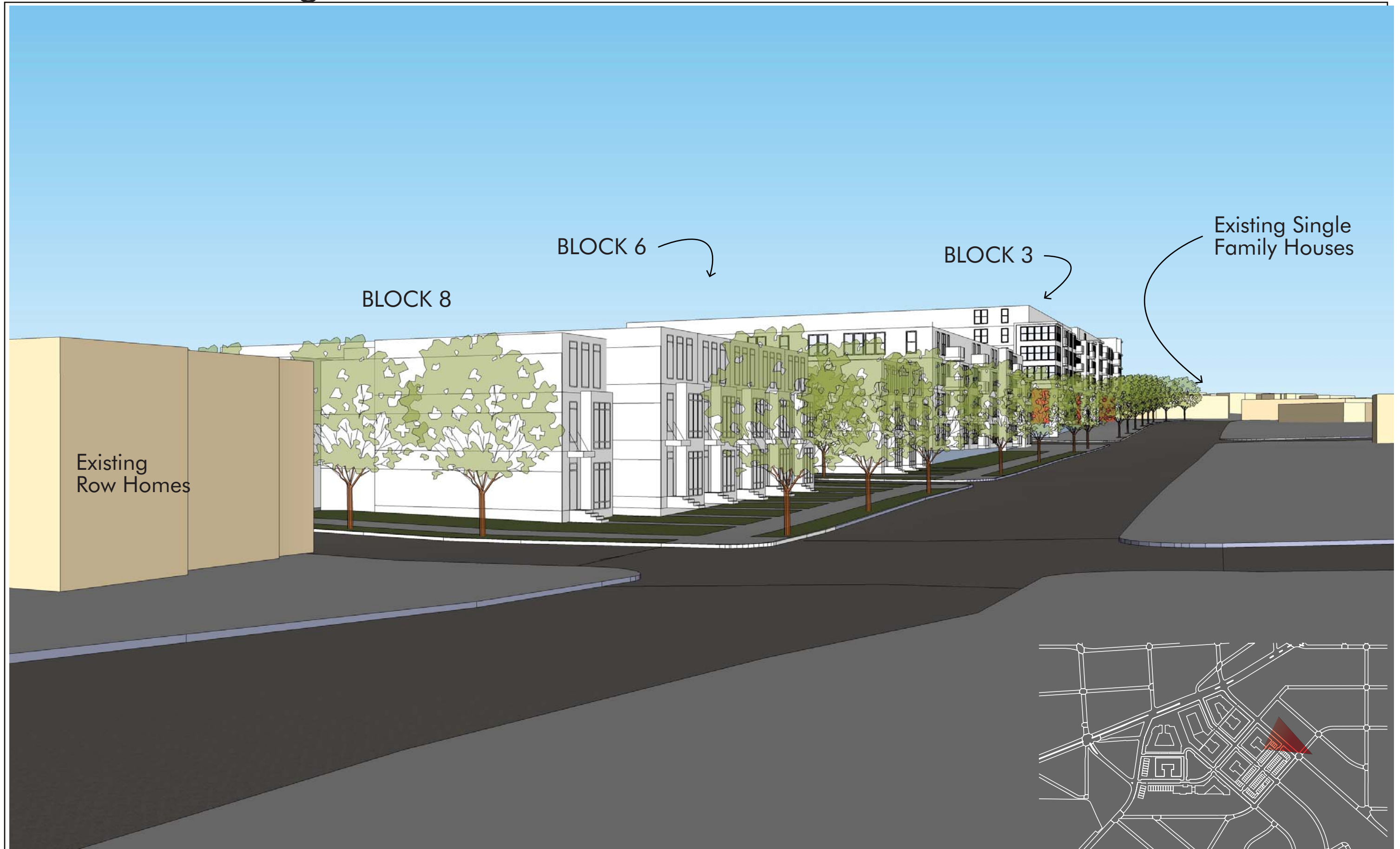




# View North at Downing St and Bryant St

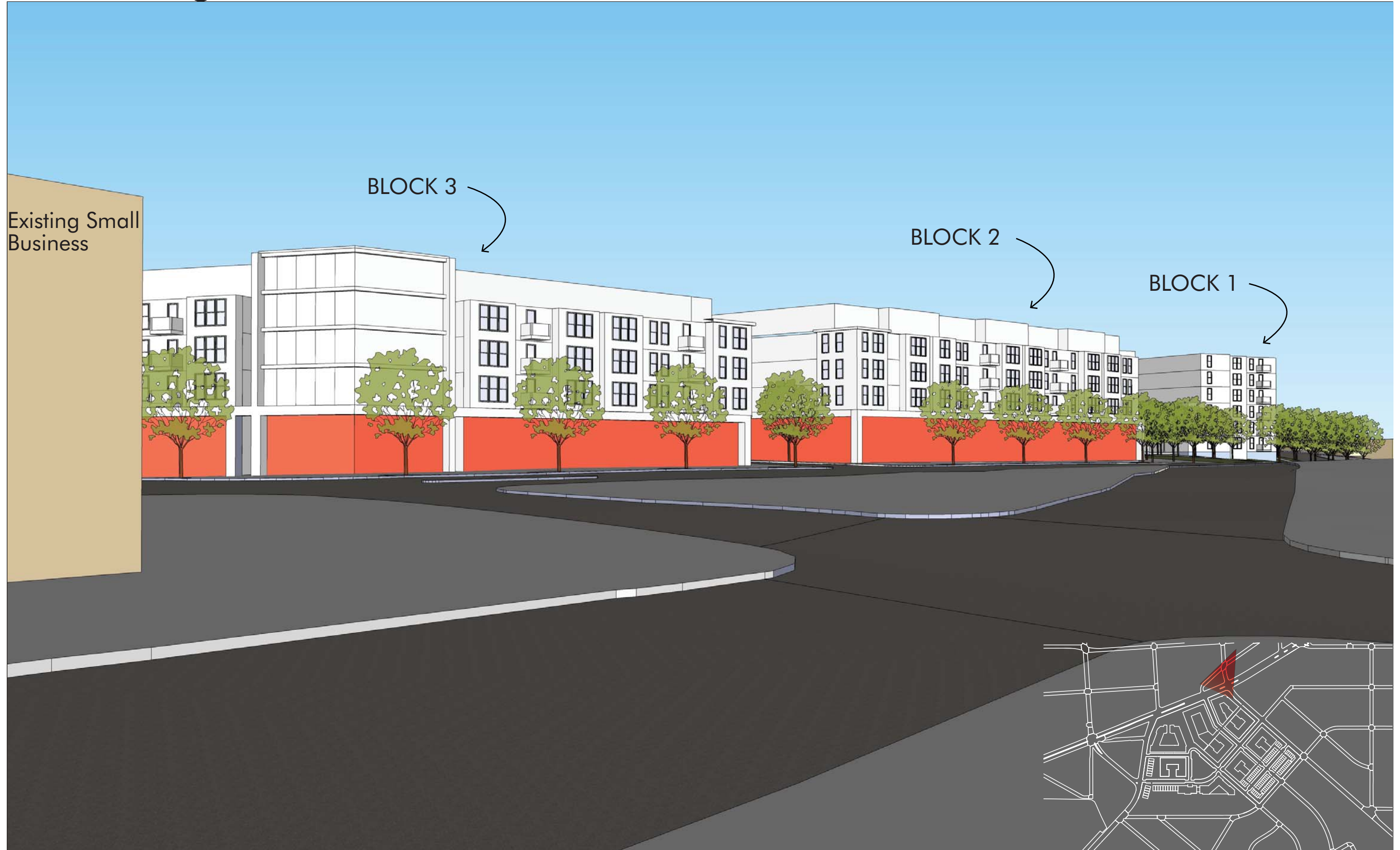


# View North along Montana Ave





# View along Rhode Island Ave





# Shadow Studies: December 21 10AM

MASTER PLAN





# Shadow Studies: December 21 3PM





# Shadow Studies: June 21 10AM

MASTER PLAN





# Shadow Studies: June 21 3PM





# Shadow Studies: March 21 10 AM

MASTER PLAN





# Shadow Studies: March 21 3PM





# LEED ND Scorecard



LEED 2009 for Neighborhood Development  
Project Scorecard

Project Name:  
Date:

Yes ? No  
**12** 14 **1** **Smart Location and Linkage** 27 Points Possible

Yes	?	No	Description	Points
Y			Prereq 1 Smart Location	Required
Y			Prereq 2 Imperiled Species and Ecological Communities	Required
Y			Prereq 3 Wetland and Water Body Conservation	Required
Y			Prereq 4 Agricultural Land Conservation	Required
Y			Prereq 5 Floodplain Avoidance	Required
6	4	0	Credit 1 Preferred Locations	10
0	2	0	Credit 2 Brownfield Redevelopment	2
3	4	0	Credit 3 Locations with Reduced Automobile Dependence	7
1		0	Credit 4 Bicycle Network and Storage	1
0	3	0	Credit 5 Housing and Jobs Proximity	3
1		0	Credit 6 Steep Slope Protection	1
1	0	0	Credit 7 Site Design for Habitat or Wetland and Water Body Conservation	1
		1	Credit 8 Restoration of Habitat or Wetlands and Water Bodies	1
	1	0	Credit 9 Long-Term Conservation Management of Habitat or Wetlands and Water Bodies	1

Yes ? No  
**28** 16 **0** **Neighborhood Pattern and Design** 44 Points Possible

Yes	?	No	Description	Points
Y			Prereq 1 Walkable Streets	Required
Y			Prereq 2 Compact Development	Required
Y			Prereq 3 Connected and Open Community	Required
9	3		Credit 1 Walkable Streets	12
4	2	0	Credit 2 Compact Development	6
2	2		Credit 3 Mixed-Use Neighborhood Centers	4
4	3		Credit 4 Mixed-Income Diverse Communities	7
1			Credit 5 Reduced Parking Footprint	1
2			Credit 6 Street Network	2
0	1		Credit 7 Transit Facilities	1
0	2	0	Credit 8 Transportation Demand Management	2
1			Credit 9 Access to Civic and Public Spaces	1
1	0	0	Credit 10 Access to Recreation Facilities	1
0	1	0	Credit 11 Visitability and Universal Design	1
1	1	0	Credit 12 Community Outreach and Involvement	2
1		0	Credit 13 Local Food Production	1
2		0	Credit 14 Tree-Lined and Shaded Streets	2
0	1	0	Credit 15 Neighborhood Schools	1

Yes ? No  
**7** 20 **3** **Green Infrastructure and Buildings** 29 Points Possible

Yes	?	No	Description	Points
Y			Prereq 1 Certified Green Building	Required
Y			Prereq 2 Minimum Building Energy Efficiency	Required
Y			Prereq 3 Minimum Building Water Efficiency	Required
Y			Prereq 4 Construction Activity Pollution Prevention	Required

**Green Infrastructure and Buildings, Continued**

Yes	?	No	Description	Points
3	2	0	Credit 1 Certified Green Buildings	5
0	2		Credit 2 Building Energy Efficiency	2
0	1		Credit 3 Building Water Efficiency	1
0	1		Credit 4 Water-Efficient Landscaping	1
0		1	Credit 5 Existing Building Use	1
0		1	Credit 6 Historic Resource Preservation and Adaptive Reuse	1
1		0	Credit 7 Minimized Site Disturbance in Design and Construction	1
2	2	0	Credit 8 Stormwater Management	4
1		0	Credit 9 Heat Island Reduction	1
0	1		Credit 10 Solar Orientation	1
0	3	0	Credit 11 On-Site Renewable Energy Sources	3
0	2		Credit 12 District Heating and Cooling	2
	1		Credit 13 Infrastructure Energy Efficiency	1
	3		Credit 14 Wastewater Management	2
	1		Credit 15 Recycled Content in Infrastructure	1
	1		Credit 16 Solid Waste Management Infrastructure	1
0	1		Credit 17 Light Pollution Reduction	1

**1** 5 **0** **Innovation and Design Process** 6 Points

Yes	?	No	Description	Points
	1		Credit 1.1 Innovation and Exemplary Performance: Provide Specific Title	1
	1		Credit 1.2 Innovation and Exemplary Performance: Provide Specific Title	1
	1		Credit 1.3 Innovation and Exemplary Performance: Provide Specific Title	1
	1		Credit 1.4 Innovation and Exemplary Performance: Provide Specific Title	1
	1		Credit 1.5 Innovation and Exemplary Performance: Provide Specific Title	1
1	0		Credit 2 LEED® Accredited Professional	1

**4** 0 **0** **Regional Priority Credit** 4 Points

Yes	?	No	Description	Points
1	0		Credit 1.1 Regional Priority Credit: Region Defined	1
1	0		Credit 1.2 Regional Priority Credit: Region Defined	1
1	0		Credit 1.3 Regional Priority Credit: Region Defined	1
1	0		Credit 1.4 Regional Priority Credit: Region Defined	1

Yes ? No  
**52** 55 **4** **Project Totals (Certification estimates)** 110 Points

Certified: 40-49 points, Silver: 50-59 points, Gold: 60-79 points, Platinum: 80+ points





# BROOKLAND MANOR | Civil Engineering