

The Cleveland EcoVillage:

A Model for Sustainable
Redevelopment

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Outline

- Cleveland
- The EcoVillage Idea
- Rapid transit station
- Other green buildings
- Future plans
- Difficulties

Cleveland

- Aging, industrial city
- Redevelopment in '90s
- Conventional methods
- Desire to become a green city



EcoVillage

- Combination of green design and New Urbanism
- Public transit
- Increased density
- Green space
- Energy-efficiency
- Detroit Shoreway and W. 65th St. station

RTA Station

- Old station
- New station
 - 2.5 stories, 1,200 ft²
 - Fits surrounding area
 - Passive solar system
 - Recycled material
 - Outdoor green space



Green Houses



- Energy Star
- “Healthy House”

EcoVation Home

- Built in 1916
- Renovated by Cleveland Magazine
 - Energy Star appliances
 - Compact fluorescent lighting
 - VOC-free paint



Townhomes

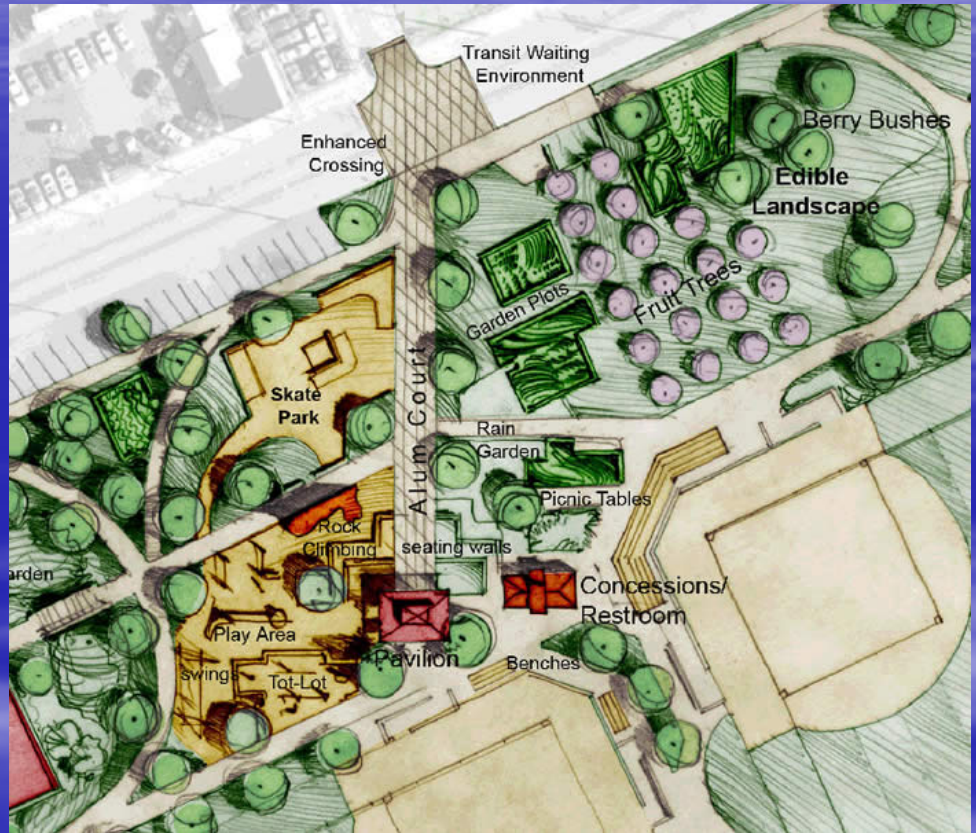
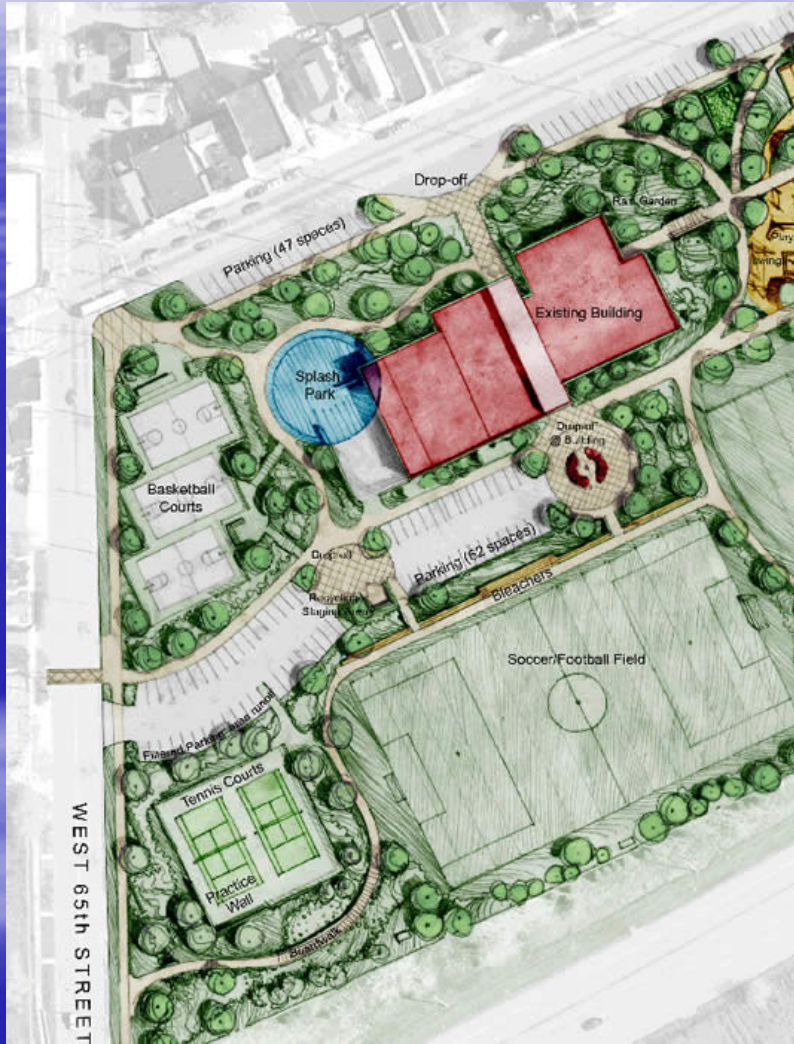


- Increased population density
- High efficiency furnaces, water heaters, HVAC
- Plenty of highly insulated windows
- Water conservation

Future Plans

- Green Cottages
- Michael Zone Recreation Center







- LEED certification?
- Commercial and mixed-use development?