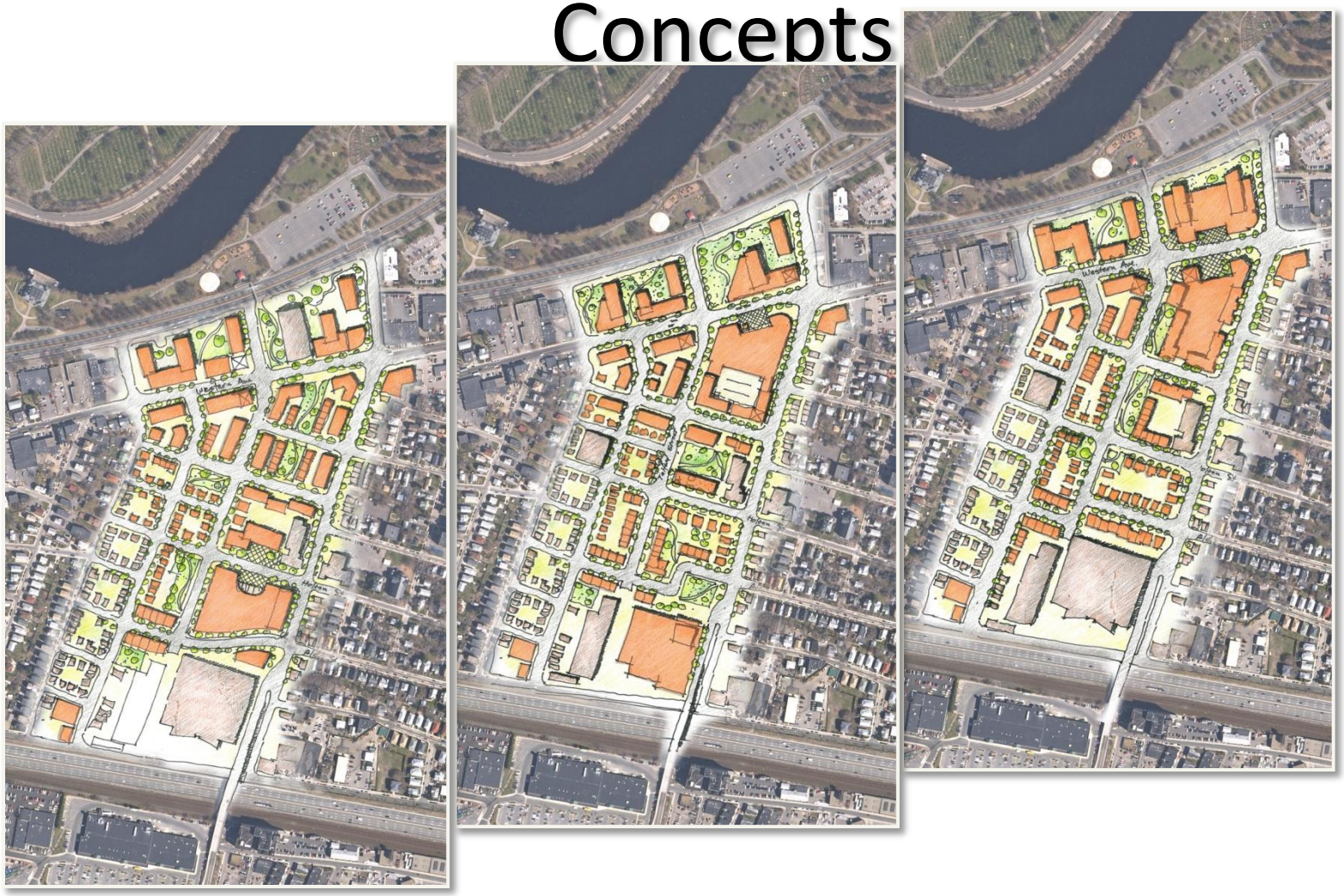
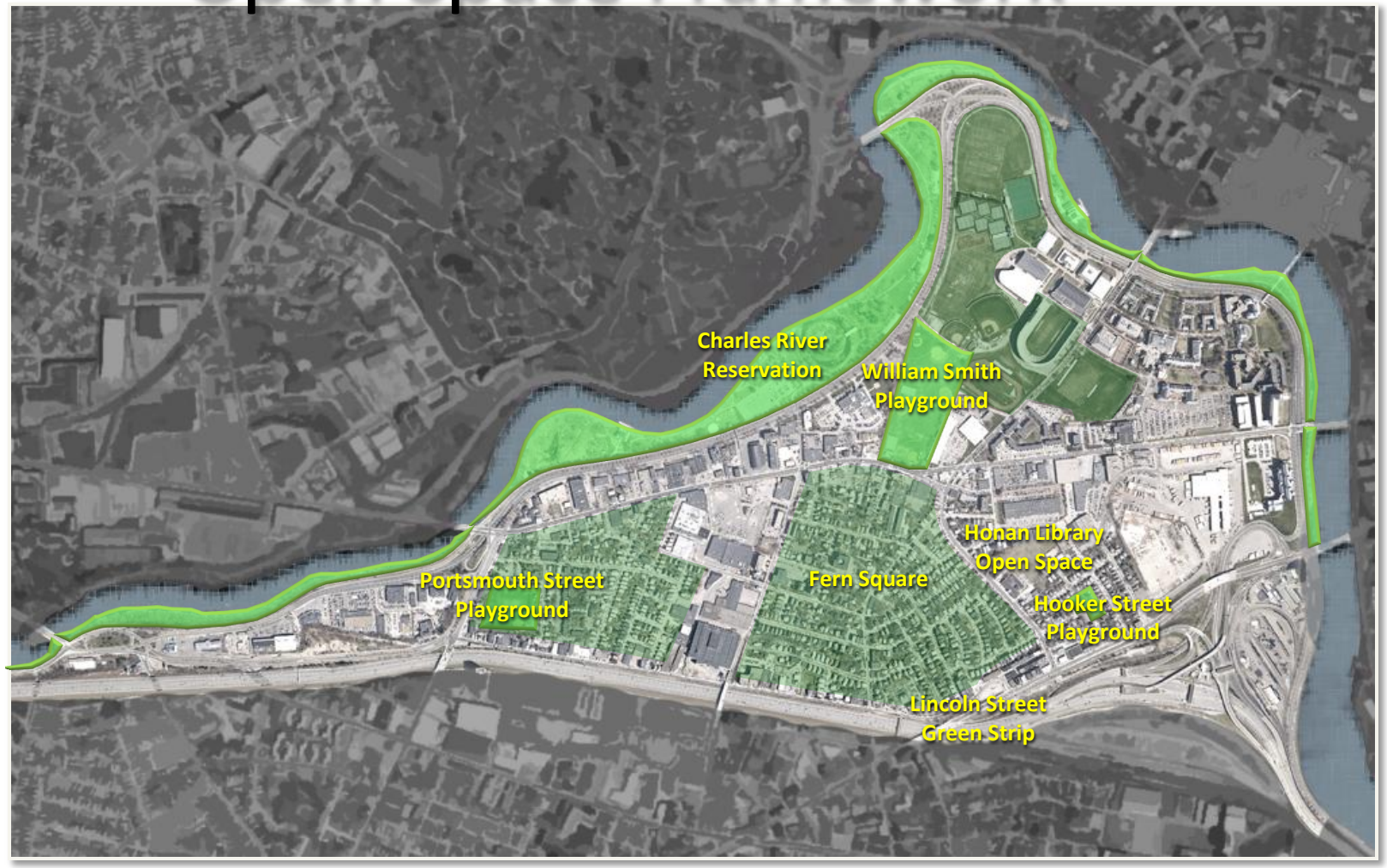
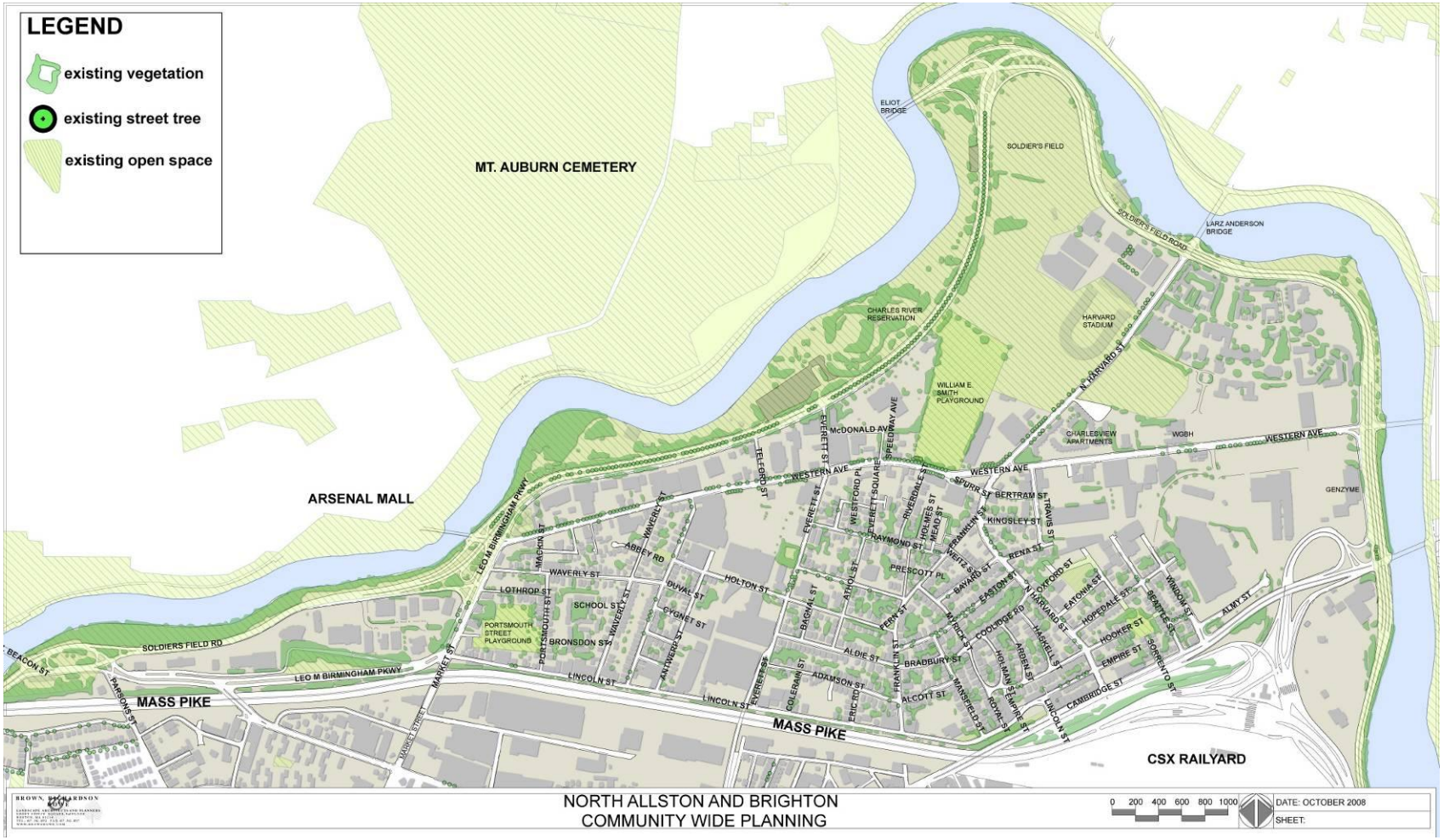
Holton Street Corridor – Preliminary Concepts



Open Space Framework



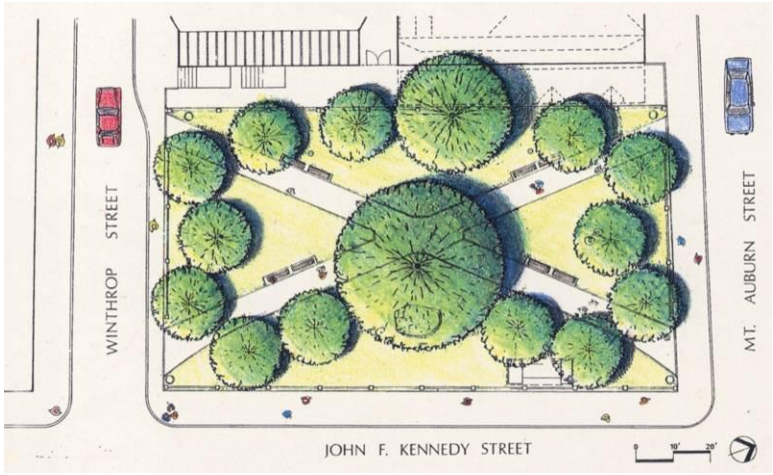
Open Space Framework - Existing Conditions

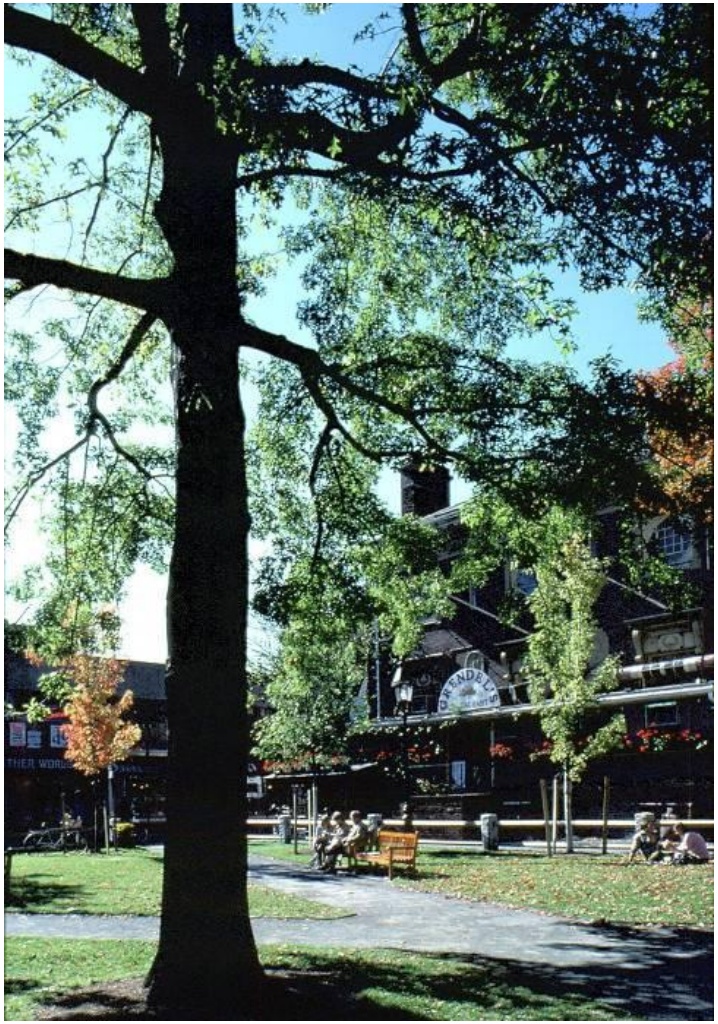


Neighborhood Connections to River

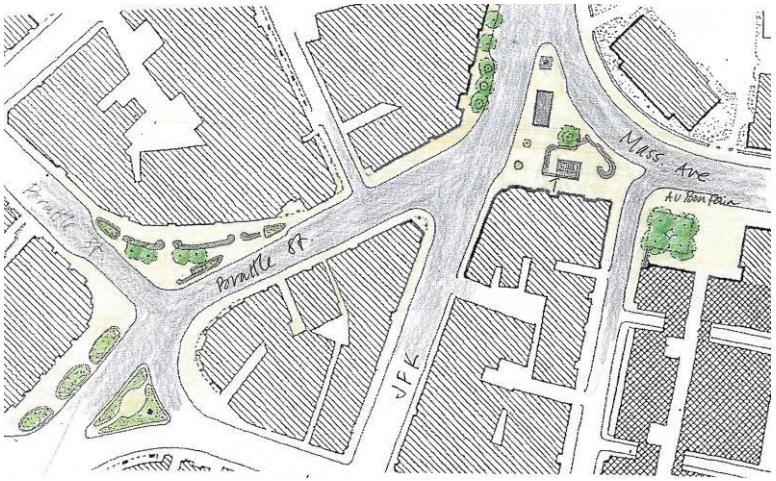
Walking Distance to Parks

Study of Precedents: Winthrop Square





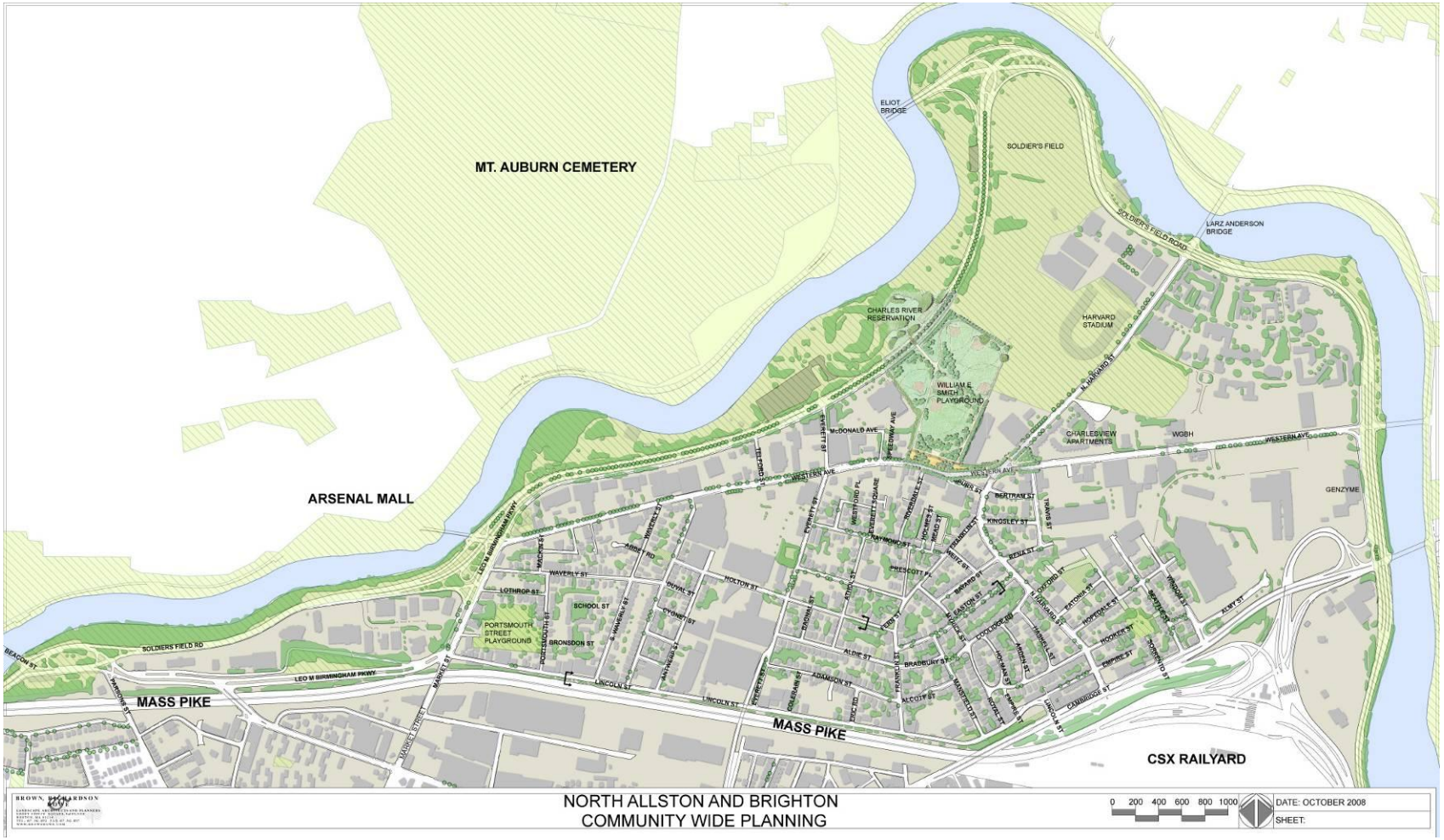
Study of Precedents: Harvard Square



Study of Precedents: Central Square

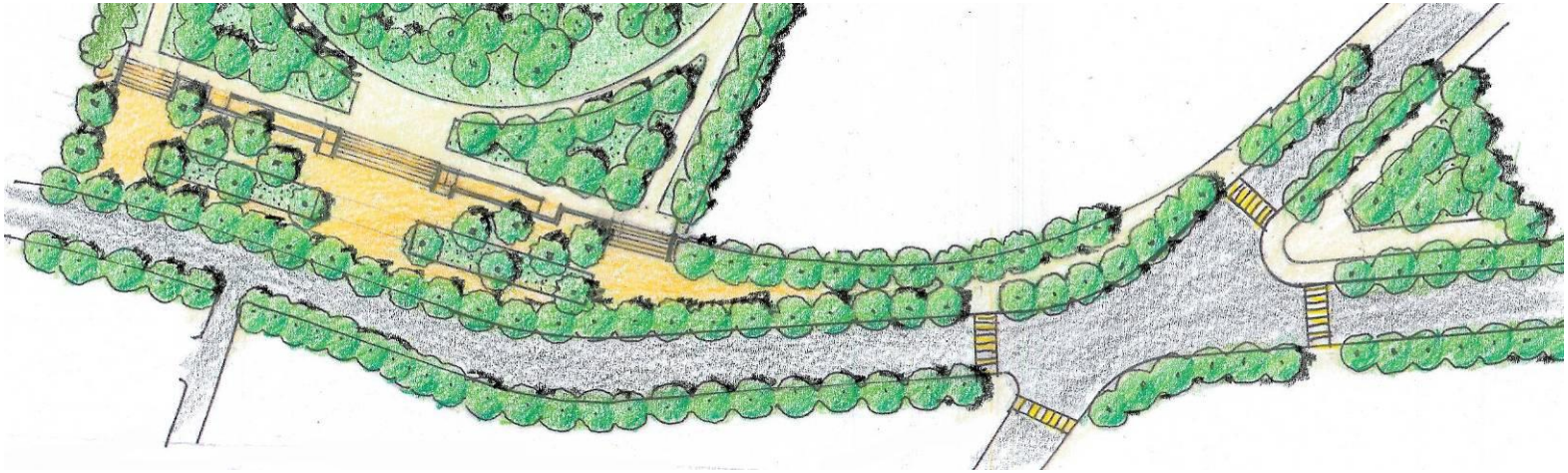
Street Tree Planting and Open Space Connections

Open Space Network – Alternative Options



Barry's Corner and Improved Smith Playground

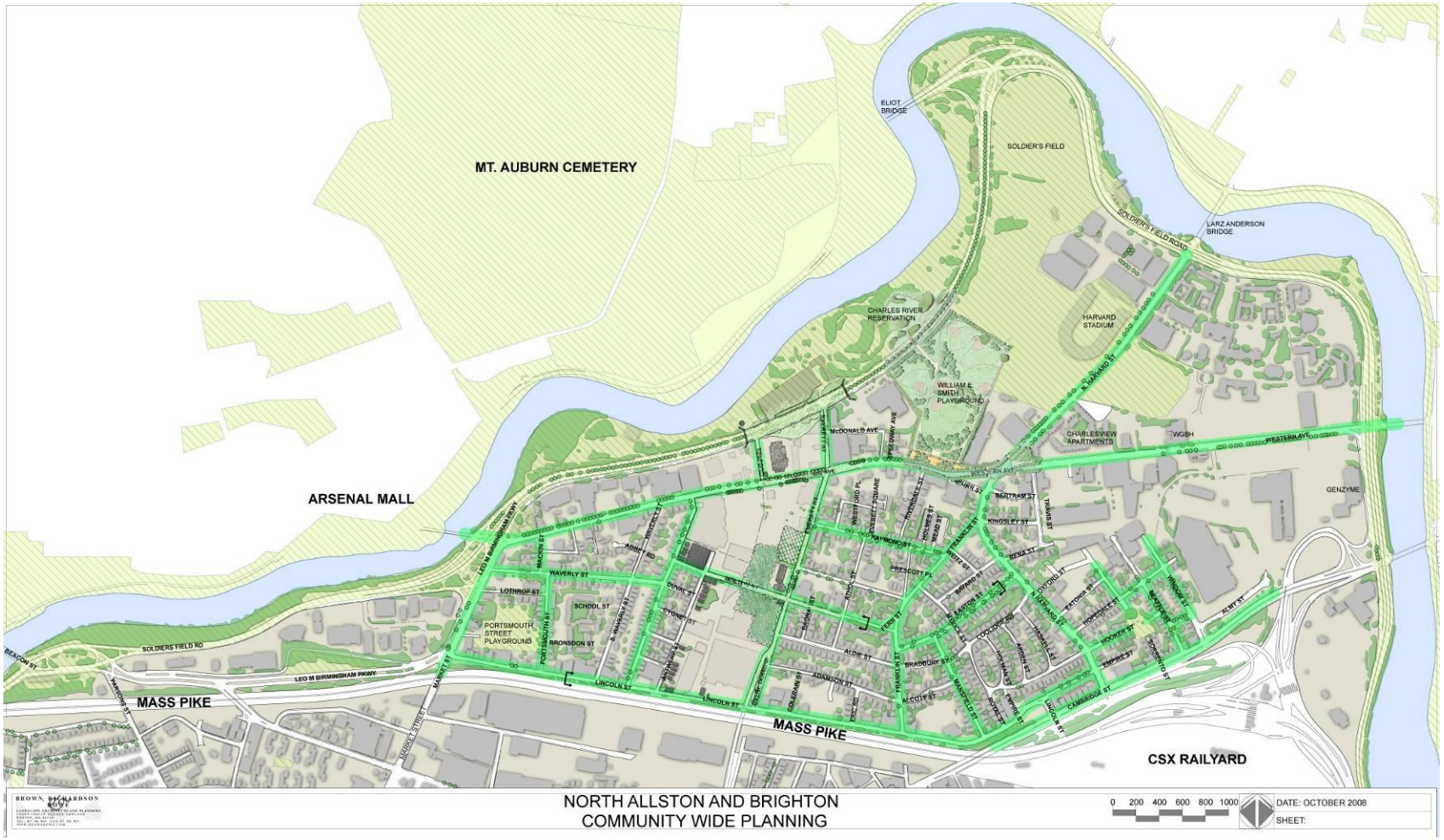
Barry's Corner and Improved Smith Playground



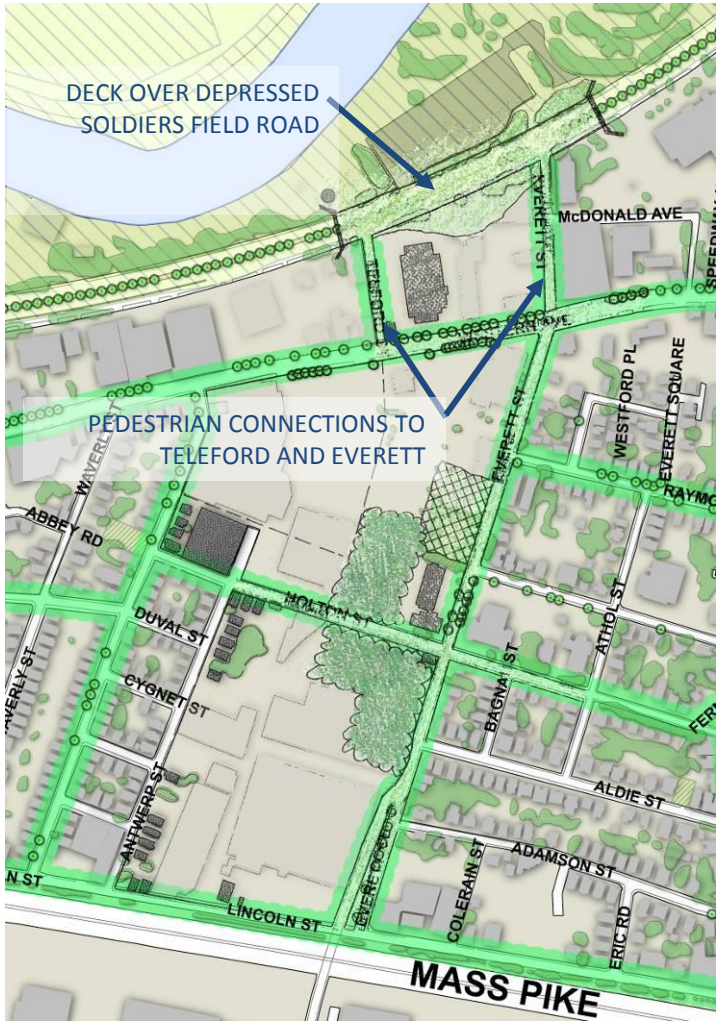
1. Enlarged plan- plaza at Western Ave and Barry's Corner

2. Enlarged plan- Connection to Charles River Reservation

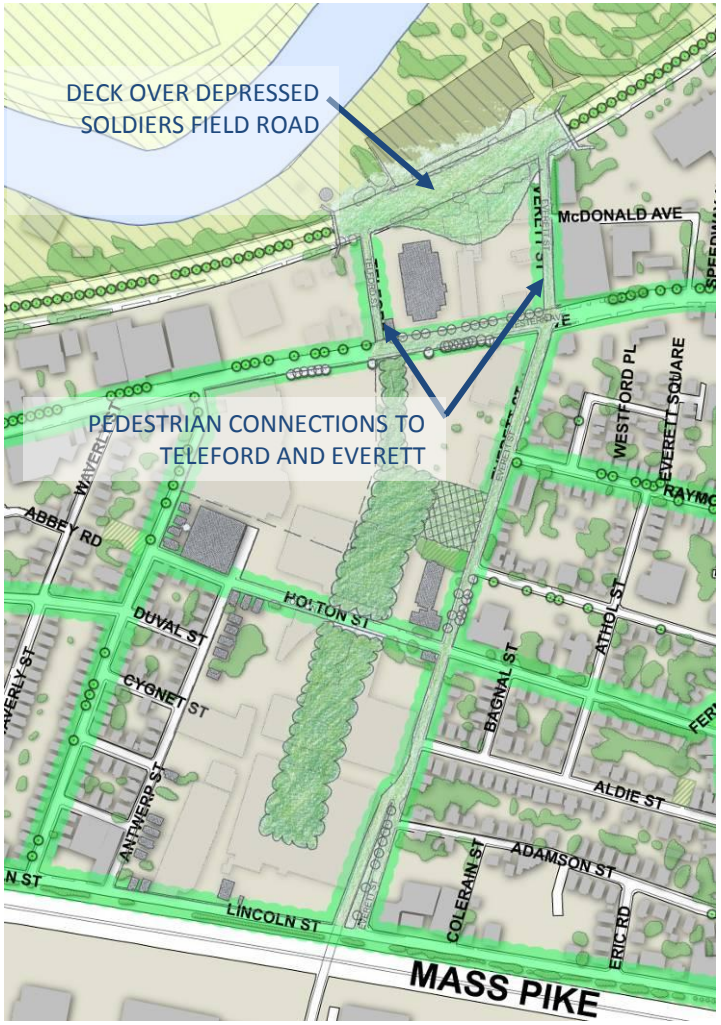
Open Space Network – Everett/Holton Street Alt. A



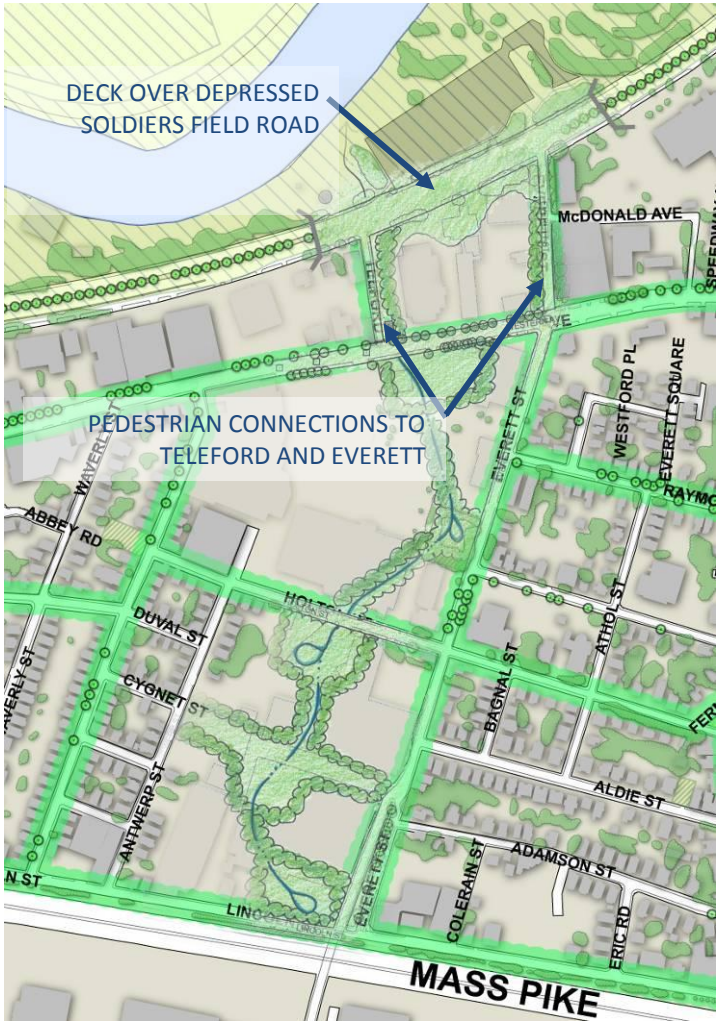
Open Space Network – Everett/Holton Street Alt. A



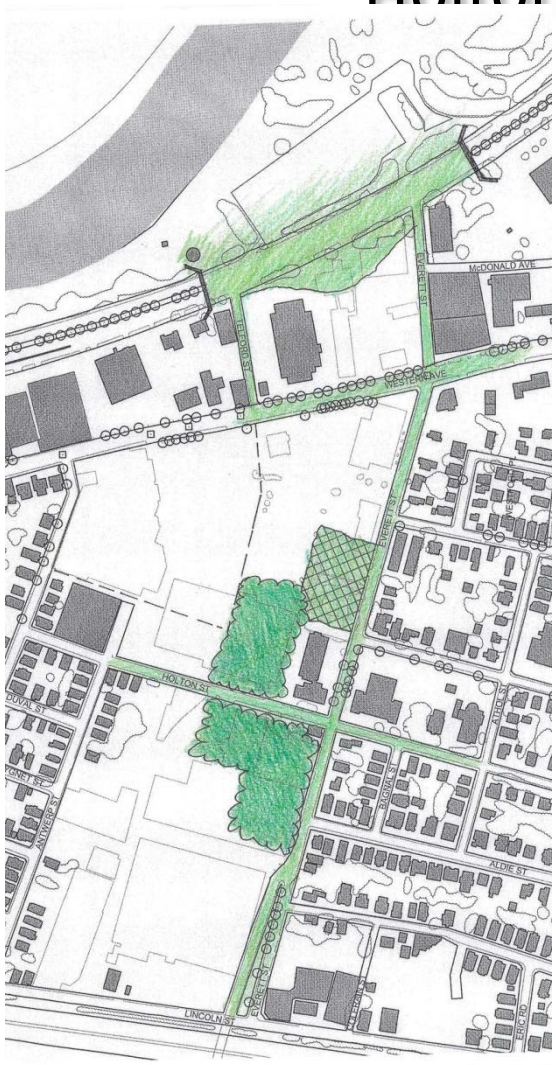
Open Space Network – Everett/Holton Street Alt. B

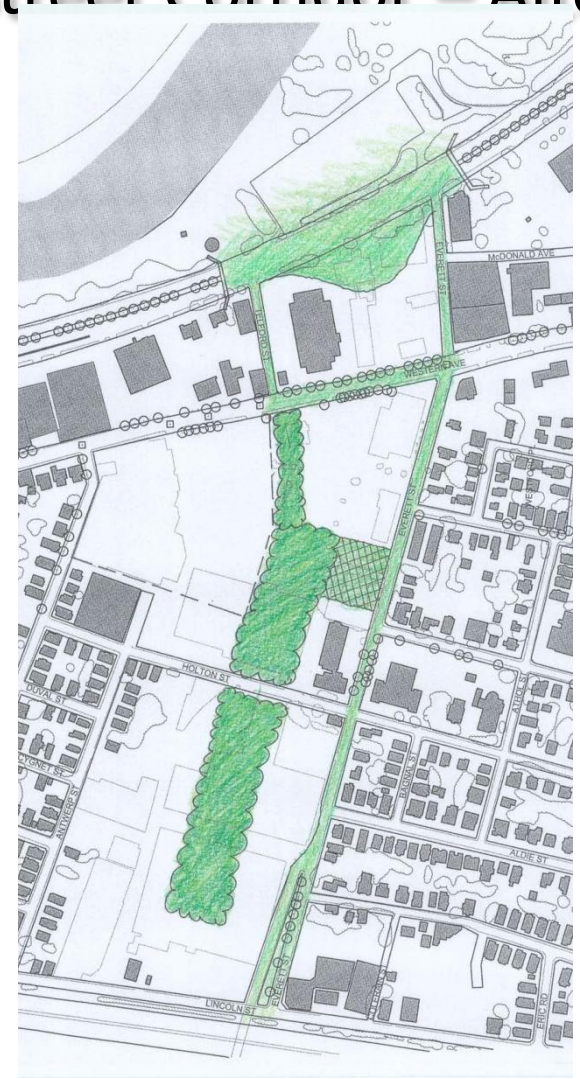


Open Space Network – Everett/Holton Street Alt. C



Holton Street Corridor – Alternative Concepts

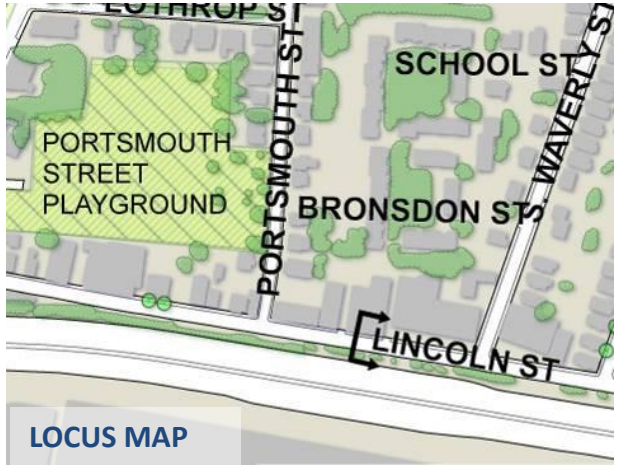




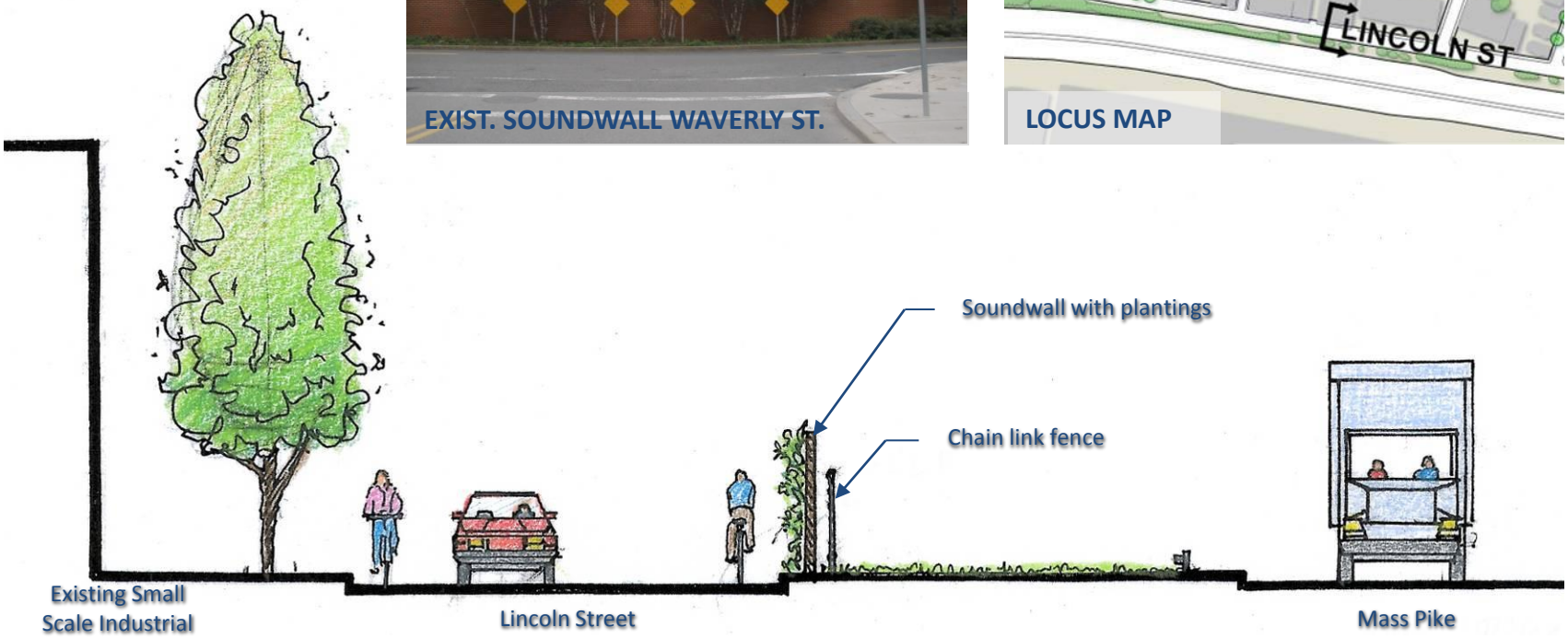
Bike and Pedestrian Connections

Lincoln Street Typical Section and Soundwall

EXIST. SOUNDWALL WAVERLY ST.

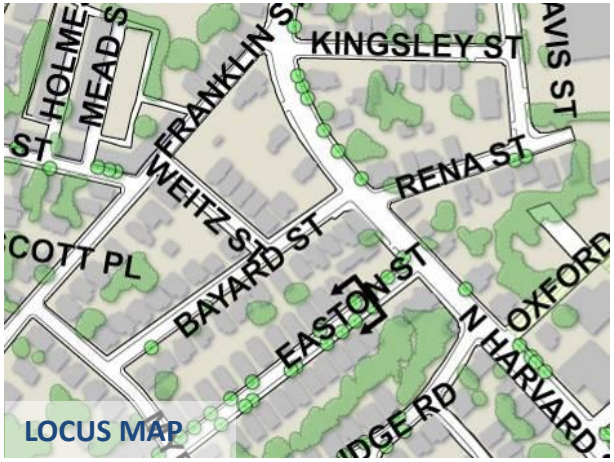


LOCUS MAP



Easton Street Typical Section

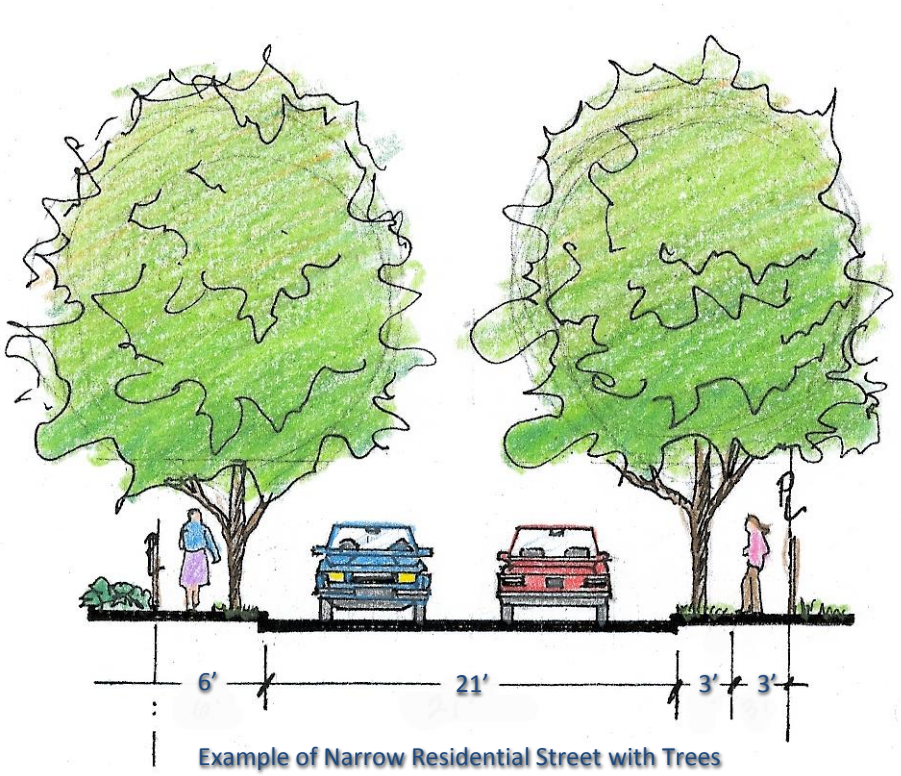
Example of Wide Residential Street with Trees



LOCUS MAP

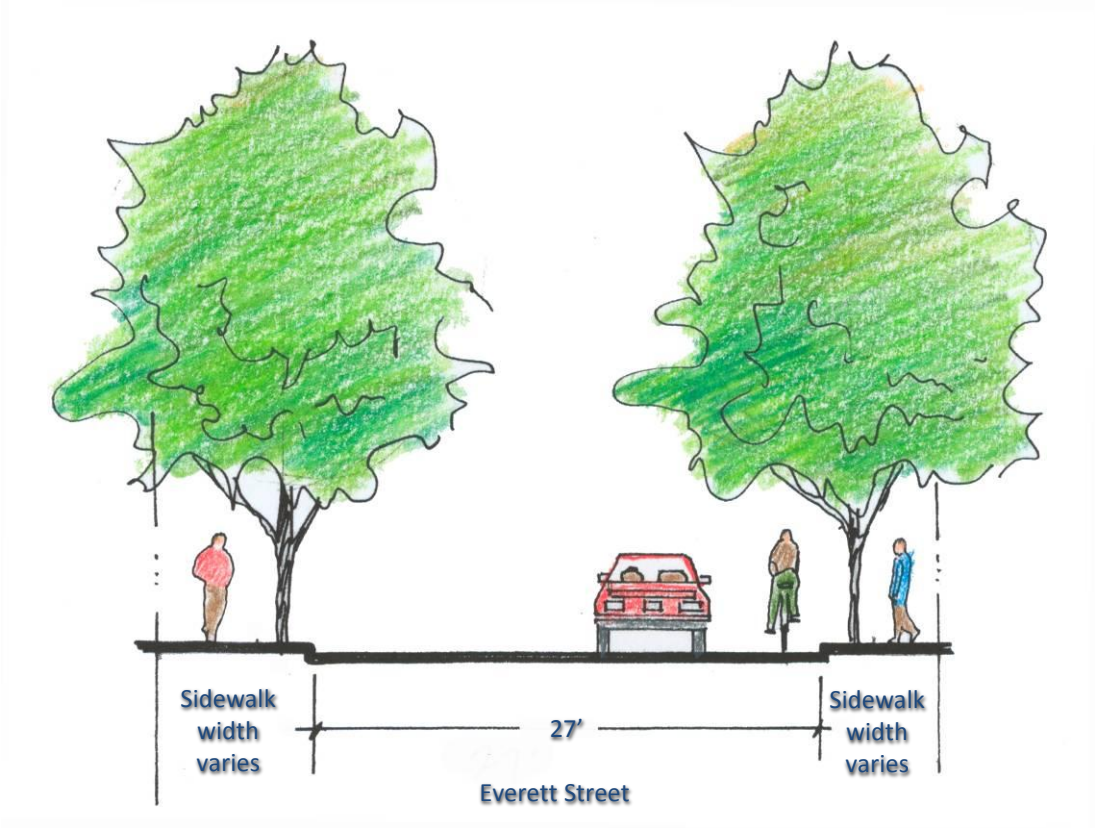
EXISTING CONDITIONS

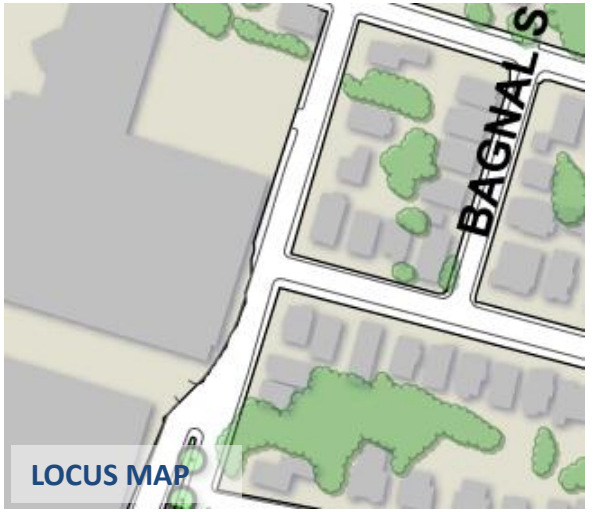
Holton Street Typical Section



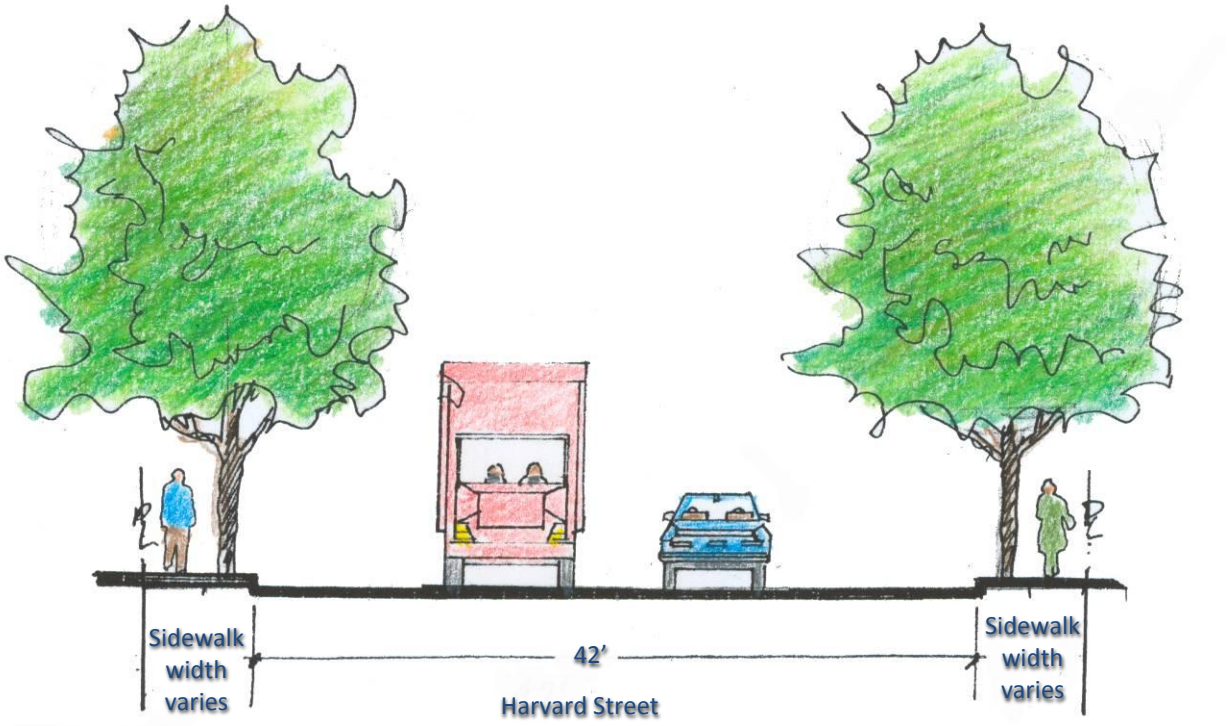
Example of Narrow Residential Street with Trees

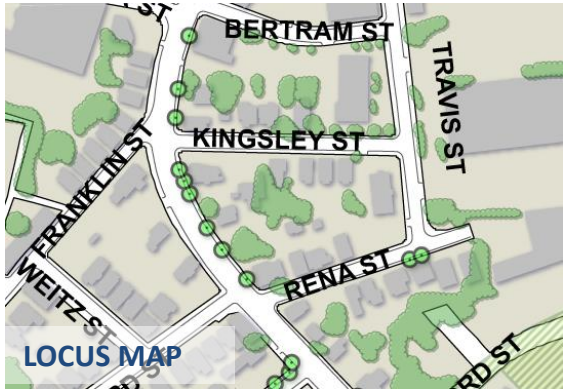
Everett Street Typical Section



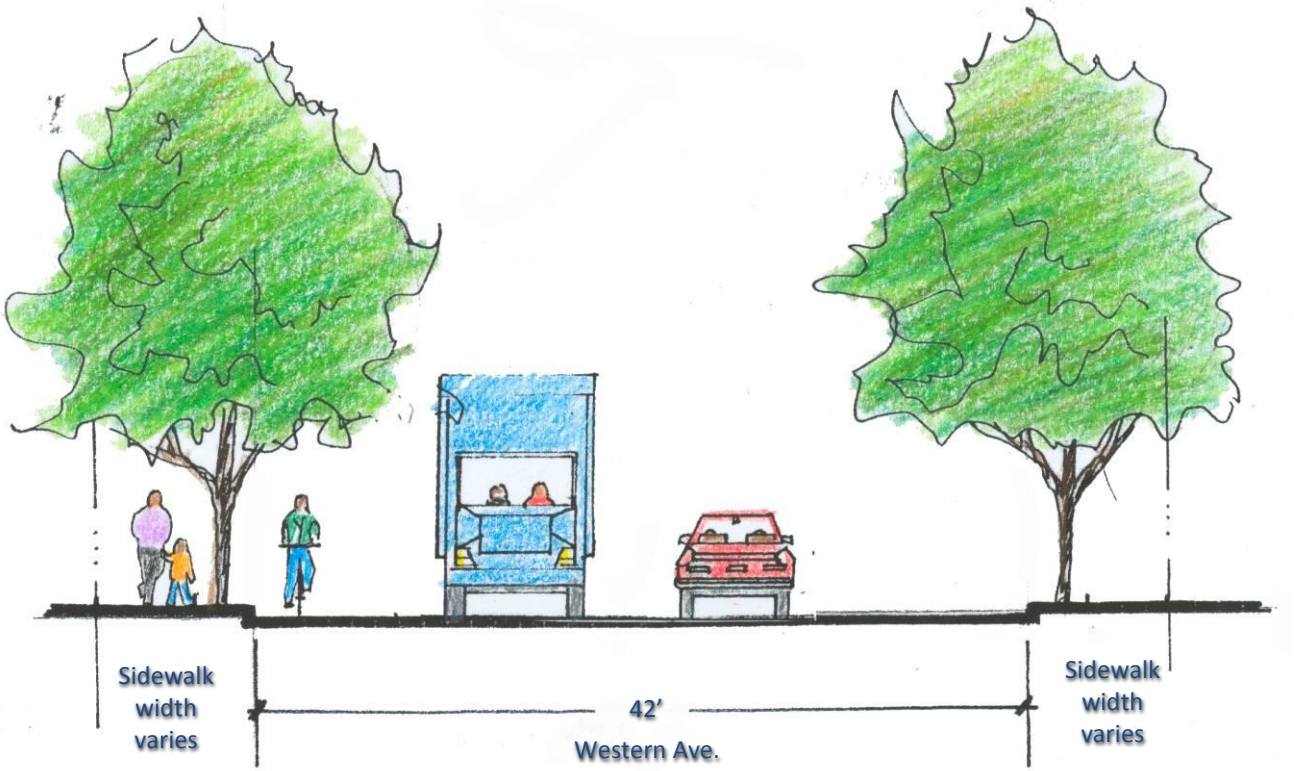


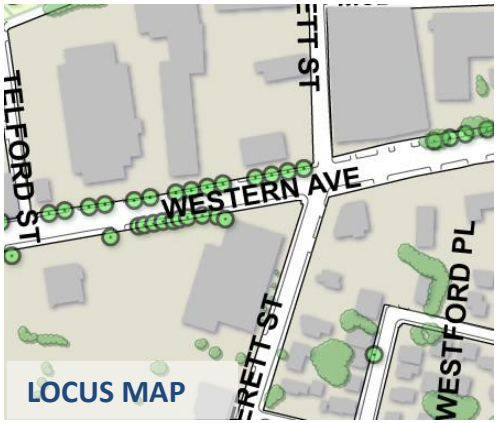
Harvard Street Typical Section



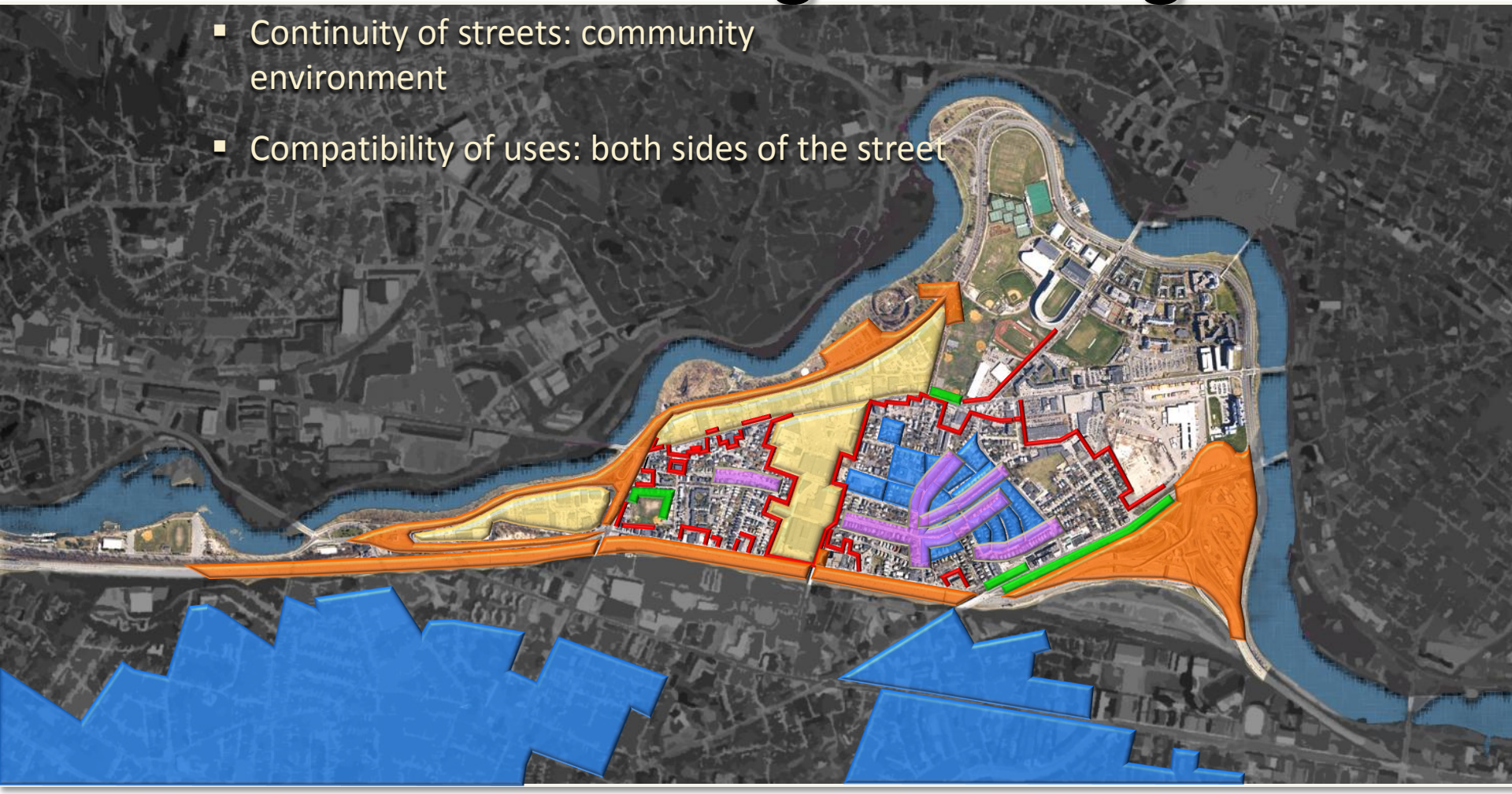


Western Avenue Typical Section





Urban Design and Edges

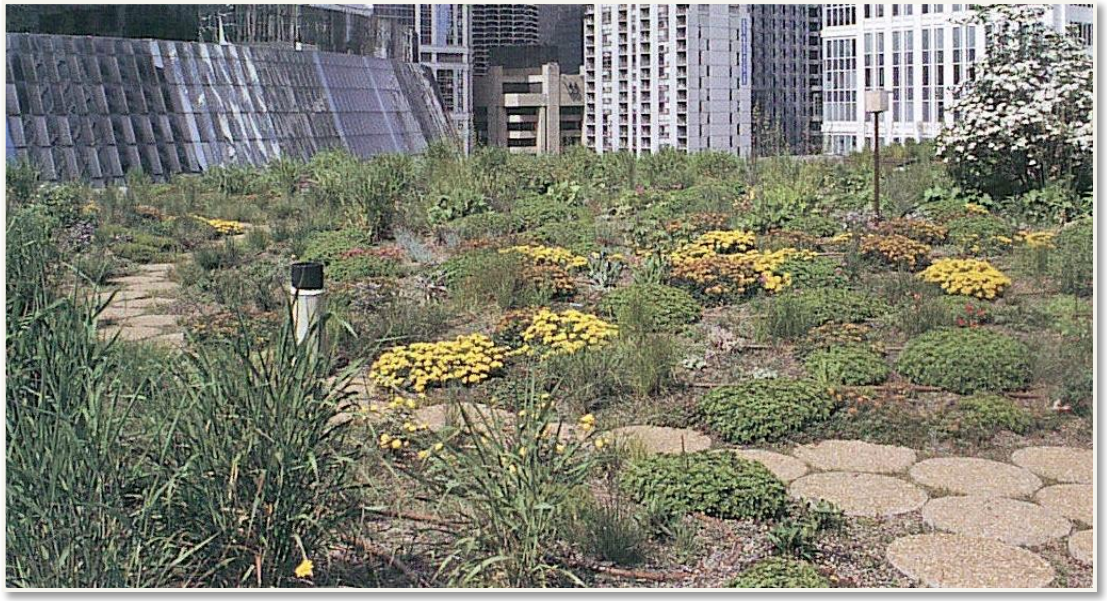


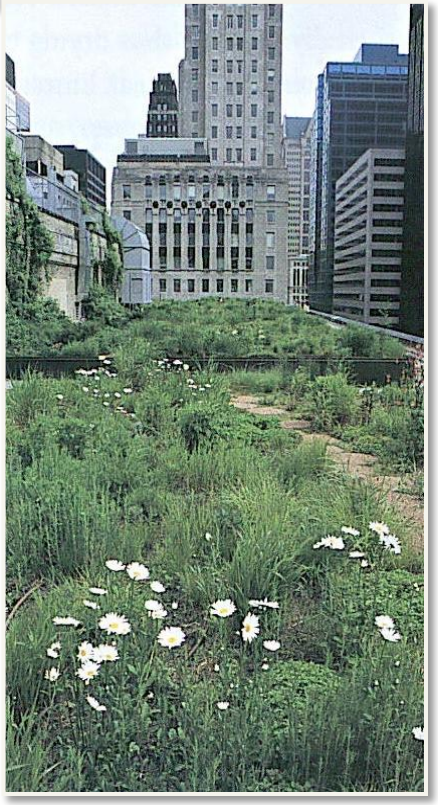
Sustainability Approach

- Sustainable mix of uses
- Open space/streetscape design character
- Stormwater collection and treatment
- Site design standards and guidelines
- Environmental cleanup
- Zoning (Art. 37 and 80)

Sustainability Approach

- Open space design character
- Stormwater collection and treatment





Sustainability Approach

- Site design standards and guidelines
- Environmental cleanup

Sustainability A

- Zoning and building design (Articles 37 and 80)
- LEED certifiable buildings

Table 2: LEED Credit Evaluation

		Applicability	Pre-Requisite	Reinforce Current Status	Can be Achieved at Low Cost	Must be Evaluated	Should Not be Pursued
Sustainable Sites							
Prerequisite:	Erosion and Sedimentation Control	Y	Y		●		
Credit 1	Site Selection	N					◆
Credit 2	Urban Redevelopment	N					◆
Credit 3	Brownfield Redevelopment				■		
Credit 4.1	Alternative Transportation, Public Transportation Access					■	
Credit 4.2	Alternative Transportation, Bicycle Storage & Changing Rooms					●	
Credit 4.3	Alternative Transportation, Alternative Fuel Refueling Stations					●	
Credit 4.4	Alternative Transportation, Parking Capacity	N					◆
Credit 5.1	Reduced Site Disturbance, Protect or Restore Open Space	N					◆
Credit 5.2	Reduced Site Disturbance, Development Footprint	N					◆
Credit 6.1	Stormwater Management, Rate or Quantity	Y		■			
Credit 6.2	Stormwater Management, Treatment	Y		◆			
Credit 7.1	Landscape & Exterior Design to Reduce Heat Islands, NonRoof	Y				■	
Credit 7.2	Landscape & Exterior Design to Reduce Heat Islands, Roof				■		
Credit 8	Light Pollution Reduction					◆	
Water Efficiency							
Credit 1.1	Water Efficient Landscaping, Reduce by 50%	Y			■		
Credit 1.2	Water Efficient Landscaping, No Potable Use or No Irrigation	Y			■		
Credit 2	Innovative Wastewater Technologies	Y				◆	
Credit 3.1	Water Use Reduction, 20% Reduction	Y				◆	
Credit 3.2	Water Use Reduction, 30% Reduction	Y					◆
Energy & Atmosphere							
Prerequisite:	Fundamental Building Systems Commissioning	Y	Y		■		
Prerequisite:	Minimum Energy Performance	Y	Y	●			
Prerequisite:	CFC Reduction in HVAC and Refrigeration Equipment	Y	Y	●			
Credit 1.1	Optimize Energy Performance, 20% New / 10% Existing	Y		●			
Credit 1.2	Optimize Energy Performance, 30% New / 20% Existing					■	
Credit 1.3	Optimize Energy Performance, 40% New / 30% Existing					■	
Credit 1.4	Optimize Energy Performance, 50% New / 40% Existing					◆	
Credit 1.5	Optimize Energy Performance, 60% New / 50% Existing					◆	
Credit 2.1	Renewable Energy, 5%					■	
Credit 2.2	Renewable Energy, 10%					◆	
Credit 2.3	Renewable Energy, 20%					◆	
Credit 3	Additional Commissioning					■	
Credit 4	Ozone Depletion				■		
Credit 5	Measurement & Verification				■		
Credit 6	Green Power	N				◆	
Materials & Resources							
Prerequisite:	Storage and Collection of Recyclables	Y	Y	●	●		
Credit 1.1	Building Reuse, Maintain 75% of Existing Shell	N					
Credit 1.2	Building Reuse, Maintain 100% of Shell	N					
Credit 1.3	Building Reuse, Maintain 100% of Shell & 50% Non-Shell	N					
Credit 2.1	Construction Waste Management, Divert 50%	Y		■			
Credit 2.2	Construction Waste Management, Divert 75%					■	
Credit 3.1	Resource Reuse, Specify 5%	Y		●			
Credit 3.2	Resource Reuse, Specify 10%			■			
Credit 4.1	Recycled Content, Specify 25%					■	
Credit 4.2	Recycled Content, Specify 50%					◆	
Credit 5.1	Local/Regional Materials, 20% Manufactured Locally				■		
Credit 5.2	Local/Regional Materials, of 20% Above, 50% Harvested Locally					◆	
Credit 6	Rapidly Renewable Materials				■		
Credit 7	Certified Wood					■	
Indoor Environmental Quality							
Prerequisite:	Minimum IAQ Performance	Y	Y	●			
Prerequisite:	Environmental Tobacco Smoke (ETS) Control	Y	Y	●			
Credit 1	Carbon Dioxide Monitoring	Y			●		
Credit 2	Increase Ventilation Effectiveness					■	
Credit 3.1	Construction IAQ Management Plan, During Construction			■			
Credit 3.2	Construction IAQ Management Plan, Before Occupancy			◆			
Credit 4.1	Low-Emitting Materials, Adhesives & Sealants				●		
Credit 4.2	Low-Emitting Materials, Paints				●		
Credit 4.3	Low-Emitting Materials, Carpet				●		
Credit 4.4	Low-Emitting Materials, Composite Wood				●		
Credit 5	Indoor Chemical & Pollutant Source Control					◆	
Credit 6.1	Controllability of Systems, Perimeter	N					■
Credit 6.2	Controllability of Systems, Non-Perimeter			■			
Credit 7.1	Thermal Comfort, Comply with ASHRAE 55-1992					◆	
Credit 7.2	Thermal Comfort, Permanent Monitoring System					■	
Credit 8.1	Daylight & Views, Daylight 75% of Spaces					■	
Credit 8.2	Daylight & Views, Views for 90% of Spaces					■	
Innovation & Design Process							
Credit 1.1	Innovation in Design					◆	
Credit 1.2	Innovation in Design					◆	
Credit 1.3	Innovation in Design					◆	
Credit 1.4	Innovation in Design					◆	
Credit 2	LEED Accredited Professional	Y		●			

Priority
High
Medium
Low

Ease of Obtaining
◆ Difficult
■ Moderate
● Easy

North Allston-Brighton Community-Wide Plan