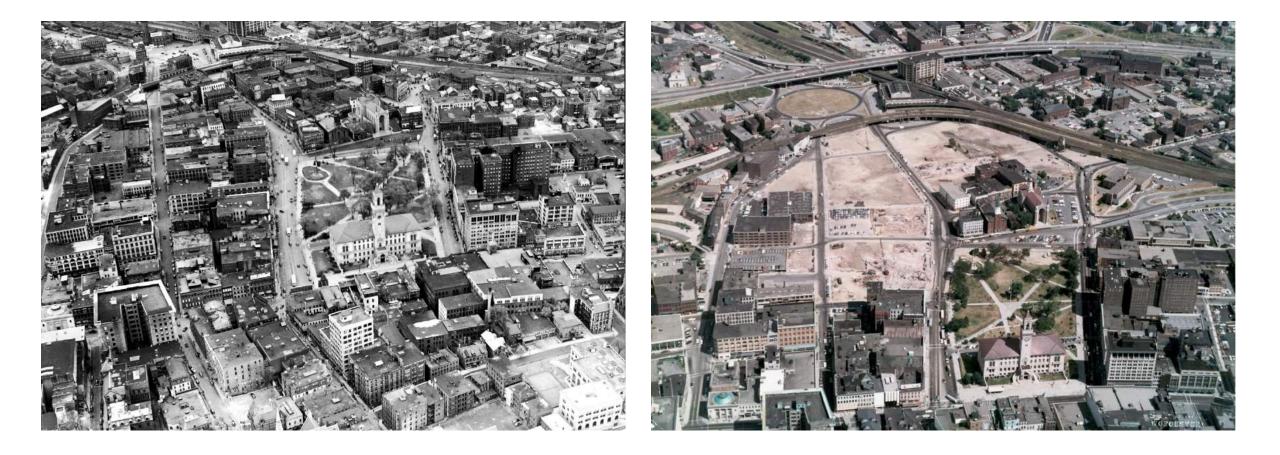
Public Agency: Proactive Urban Design

Tim Love FAIA

Associate Professor, School of Architecture, College of Art Media & Design Northeastern University

Founding Principal Utile Architecture + Planning





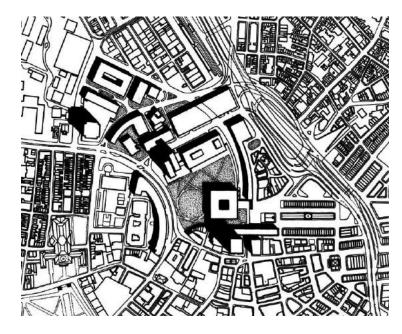
Boston, Government Center, I.M. Pei (Harry Cobb), 1961

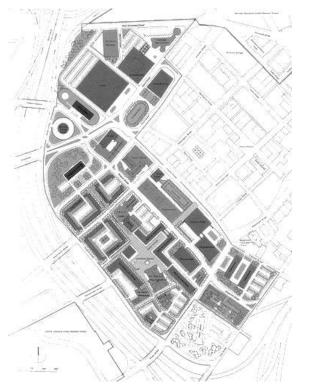


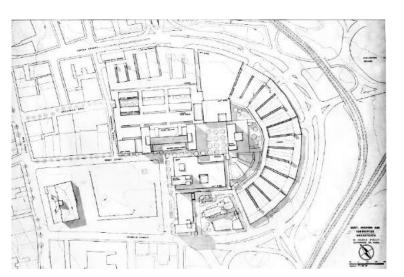
Providence, Weybosett Hill, I.M. Pei and Zion & Breen, 1969

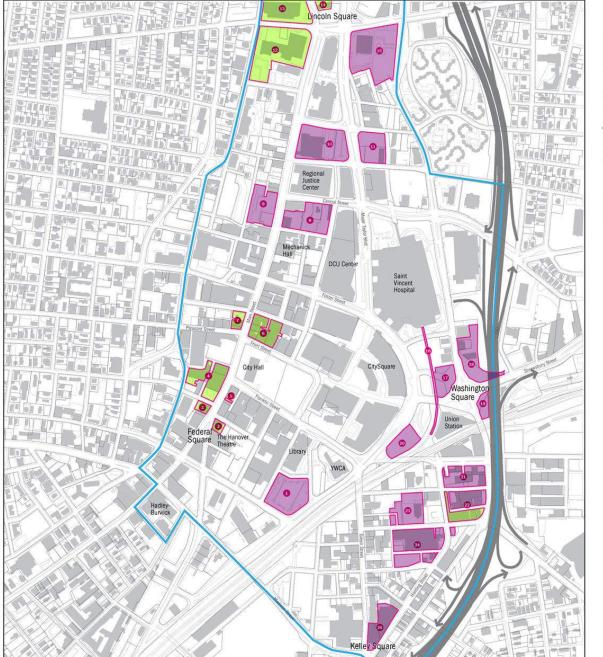


Worcester, Sert, Jackson & Associates, 1965-1966









Real Estate Development Opportunity Assessment Downtown Worcester, Massachusetts

Study Area Boundary

- ----- Parcels
- Freeway Off-ramp
- Freeway On-ramp
- Development Opportunity

Development Types

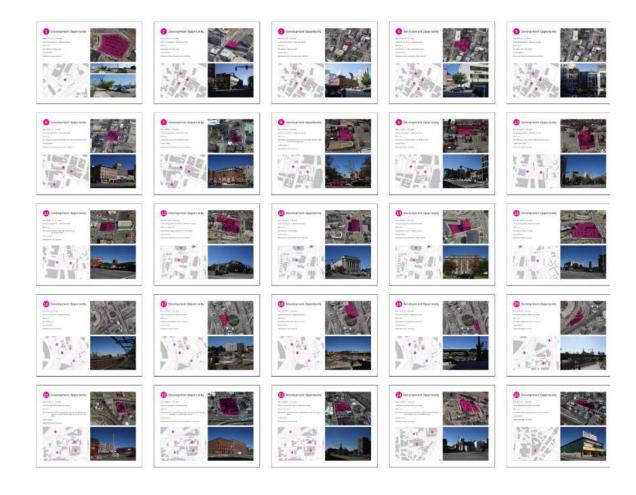
- Building Renovation and/or Addition
- Ground-up Development



Map developed by Utile, Inc. Architecture + Planning Data sources: City of Worcester GIS maps, Google Maps aerial photographs, Live Local aerial photographs, site visits

Downtown Worcester Planning Study, City of Worcester/Massdevelopment, 2007-08

Development Catalogue





Development Opportunity

Area: 131,891 sf / 3.03 acres

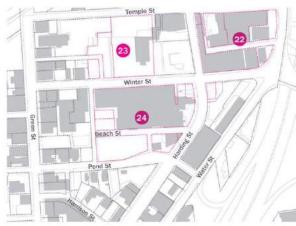
Current Zoning: MG-2.0, Mixed-Use Overlay

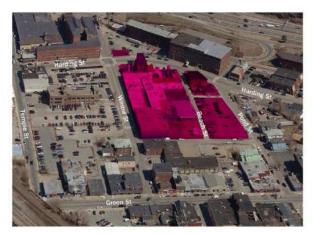
FAR: 2 to 1

Site Address: 104 Harding Street; 8 and 12 Beach Street; 18 and 40 Pond Street; 51, 57 and 63 Winter Street

Current Owner: GKN Sinter Metals

Development type: Ground-up







Downtown Worcester Planning Study, City of Worcester/Massdevelopment, 2007-08



Real Estate Development Opportunity Assessment Downtown Worcester, Massachusetts

Study Area Boundary
 Parcels
 Freeway Off-ramp
 Freeway On-ramp

Desired Land Use Types



Pedestrian Realm

Existing Active Pedestrian Realm Proposed Pedestrian Realm Improvements



Map developed by Utile, Inc. Architecture + Planning Data sources: City of Worcester GIS maps, Google Maps aerial photographs, Live Local aerial photographs, site visits

Downtown Worcester Planning Study, City of Worcester/Massdevelopment, 2007-08

Development Test-fit



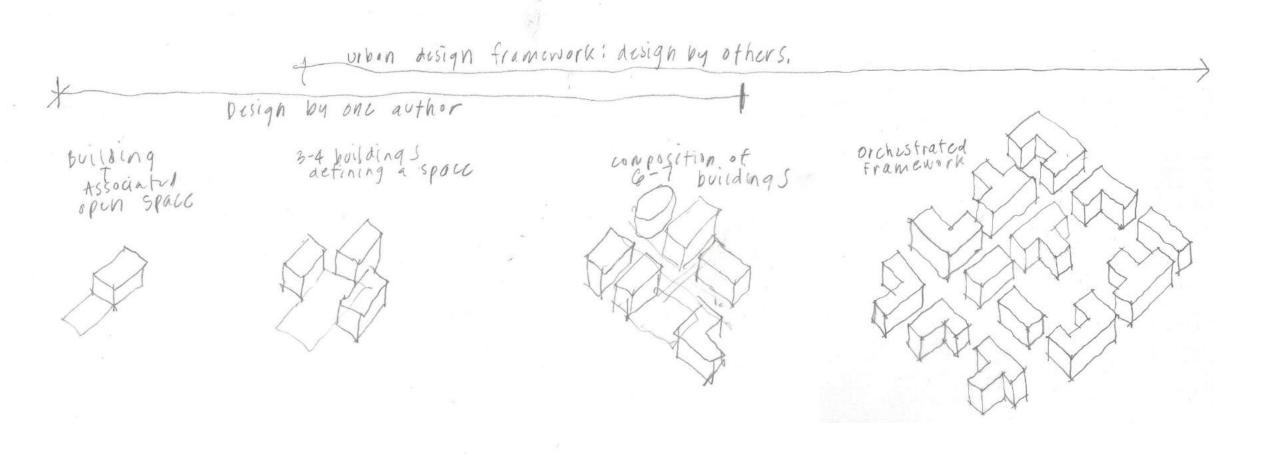
Real Estate Development Opportunity Assessm MainDevelopment Reance Agency Ony of Warester Office of Economic Development Officience Accelerations Planning

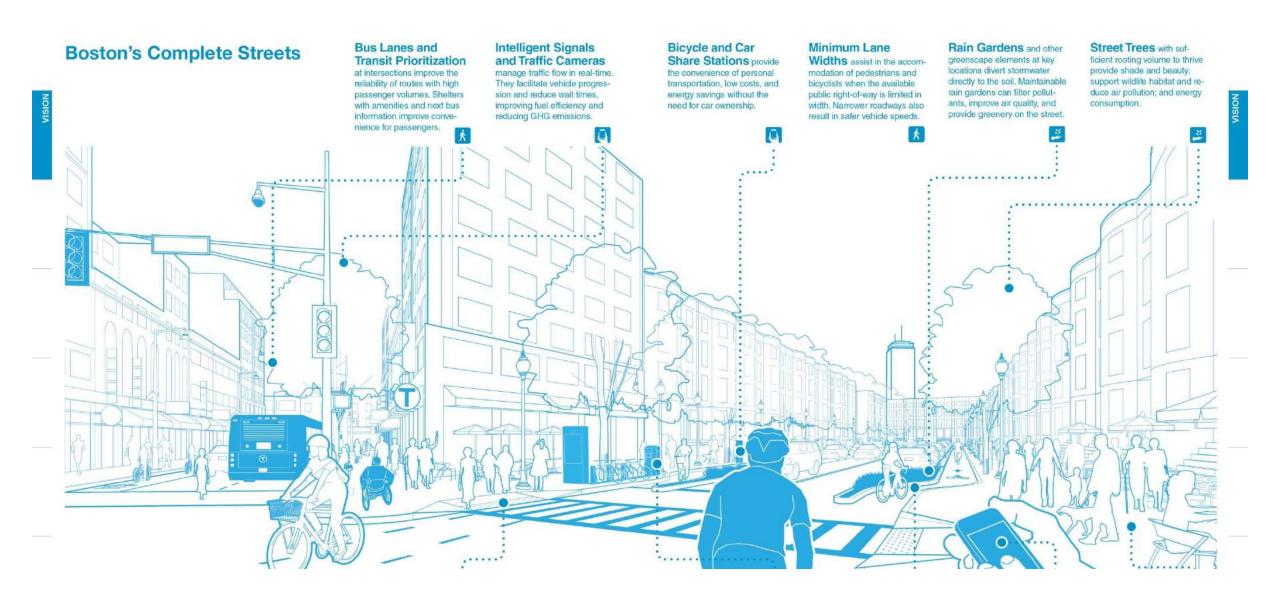
Smart CITY. Smart CHOICE.

Clients and Projects

public : private infrastructure : parcels framework framework planning framework bevelopment Design Guidelines (controls) Guidelines sticetscape Guidelines streetscape . conceptual Development Master Plan Design open spaces streetscape open spales sticutscape implementation public buildings Design buildings private developer public' agency

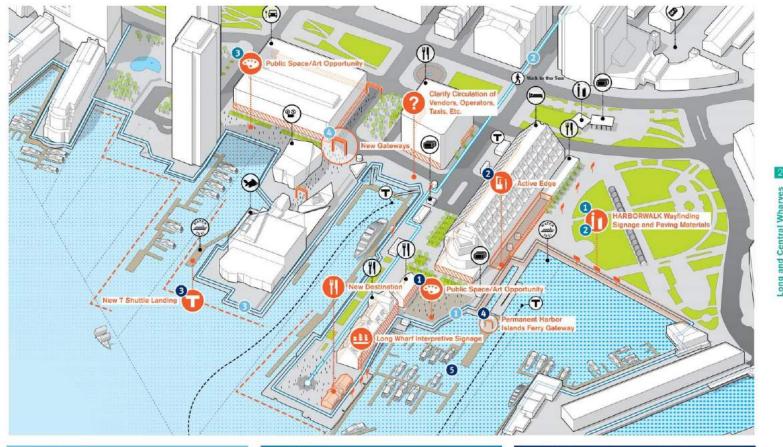
Design vs. Design Framework





Utile and Toole Design Group, Boston Transportation Department, 2011-13

Boston Redevelopment Authority



Connectivity

- Strengthening the connection to the North End is critical. This can happen through encouraging passing through the Marriott lobby, and improving the quality of the paths around the Marriott.
- The Walk to the Sea should be strengthened and promoted. Encouraging more to travel to the end of the wharf could relieve some of the pedestrian congestion during peak tourist season, and lead to a greater appreciation of the harbor and Bostons' maritime history.
- The HARBORWALK should be strengthened to encourage north-south movement through the study area and to draw visitors to the ends of the wharfs.
- Gateway moments should be designed, such as one approaches the NEAq.

Legibility

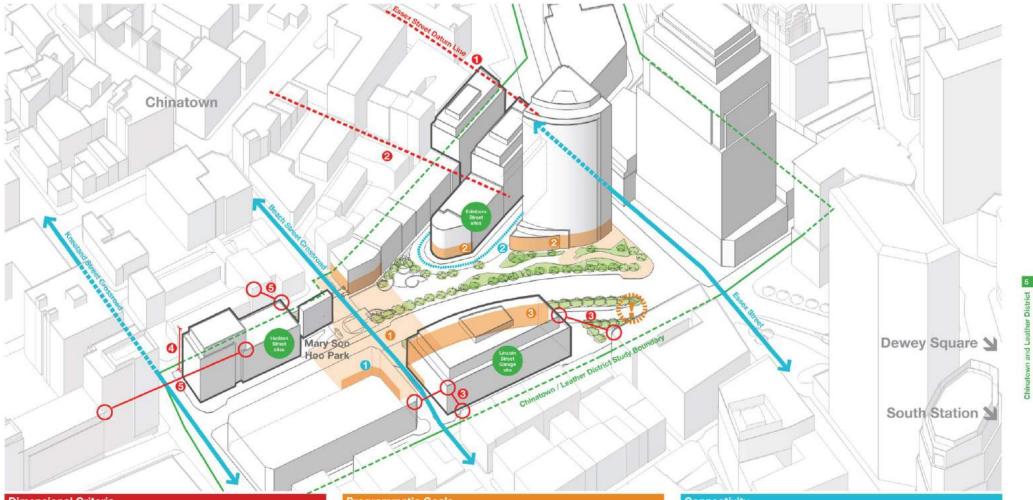
- Signage should make clear both the HARBORWALK as well as HARBORWALK 'shortcuts,' such as around the Marriott. Overall maps of the HARBORWALK and the general district should be considered.
- Coordinated signage can also make clear the ferry locations and schedules. This will alleviate confusion in the area. The overall area can be improved through coordinating paving materials, signage, etc. This will help clarify the public realm and direct people to the key amenities and open spaces.
- Key landmarks, such as public art, large-scale signs, and digital displays, should be considered as navigation and wayfinding devices.

Activation and Programming

- Improving underutilized spaces, such as the hardscaped plaza between the Harbor Garage and the water, and parking lot and the end of Long Wharf, is a priority. Each should have a different character, ranging from quiet contemplative spots to very active.
- Activating the edges of buildings is key to drawing people to this area and distributing foot traffic.
- Expanding the water transit options, both in terms of destinations and regularity of service, is a key priority. Water transit can connect the Downtown Waterfront to other Boston neighborhoods, such as East Boston, as well as neighboring waterfront communities.
- The Harbor Islands would benefit from a permanent gateway on the wharf.
- The reconstruction of T Wharf and a reconfiguration of waterside on uses should be considered on the north side of Long Wharf.

DRAFT MARCH 20, 2014

Downtown Waterfront Plan, Boston Redevelopment Authority, 2013-17



Dimensional Criteria

- Edinboro Street sites Maximum height 175'. Provide a 10' setback at a height aligning with the Oxford Place building fronting Essex Street (approximately 125').
- Edinboro Street sites Step down to the existing heights at the park-facing side to align with the step-down at the back sides of Oxford Place and 79 Essex Street. Encourage double street frontage on Edinboro and Kingston Streets in this location.
- Dincoln Street Garage Site 80' height at street edges to align with adjacent buildings, 100' maximum, to align with 66 Lincoln Street, or as limited by shadow impacts on the parks, with a 10' setback.
- 4 Hudson Street sites 125' maximum height on Kneeland Street.
- Hudson Street sites Step down to the height of the adjacent Chinatown neighborhood scale and the low-rise portion of Parcel 24. Encourage double street frontage on Hudson Street and the Surface Artery.

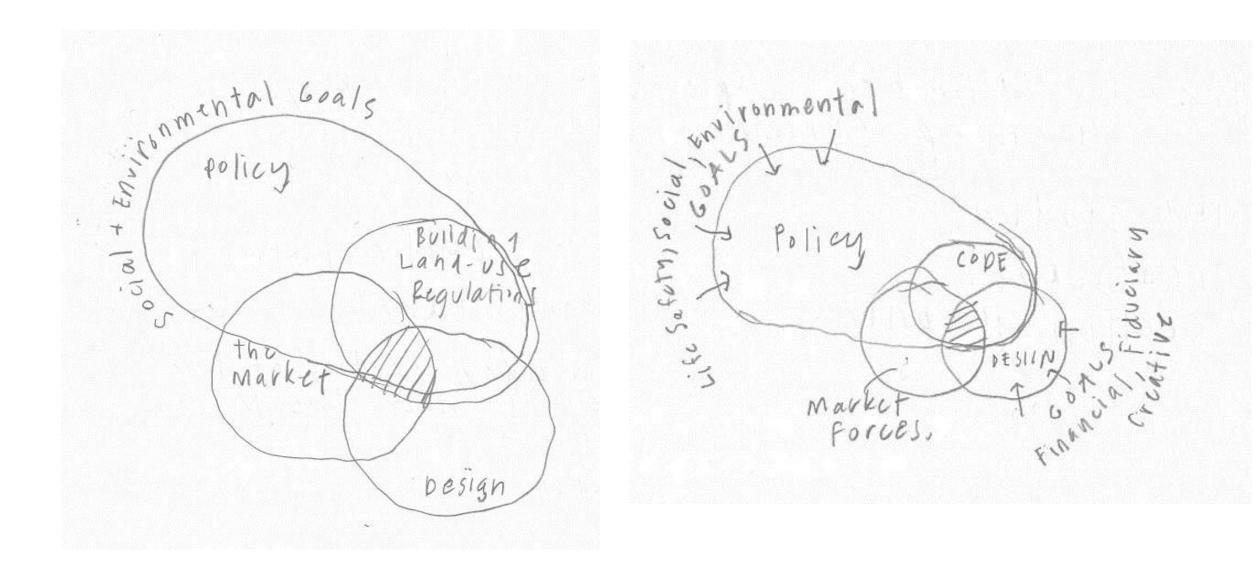
Programmatic Goals

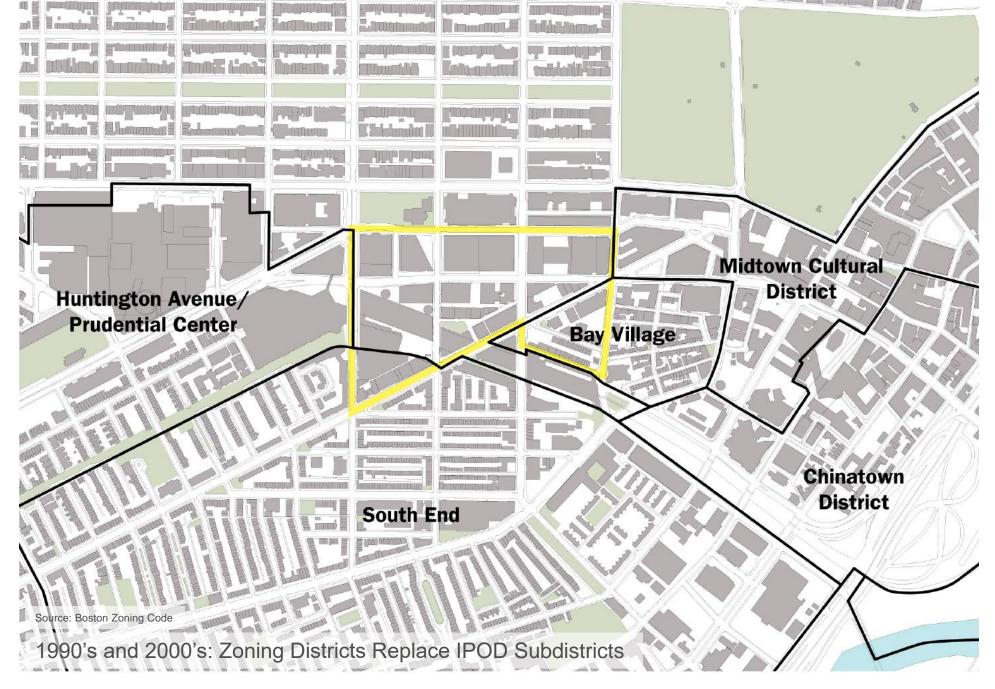
- Concentrate active ground floor uses at the Beach Street Crossroads intersection.
 Provide transparency and active uses at park edge and locate major building entries facing the park.
- O Mitigate the negative impacts on the pedestrian realm created by the I-93 on-ramp. Consider building over portions of it to bring active uses closer to Surface Artery.

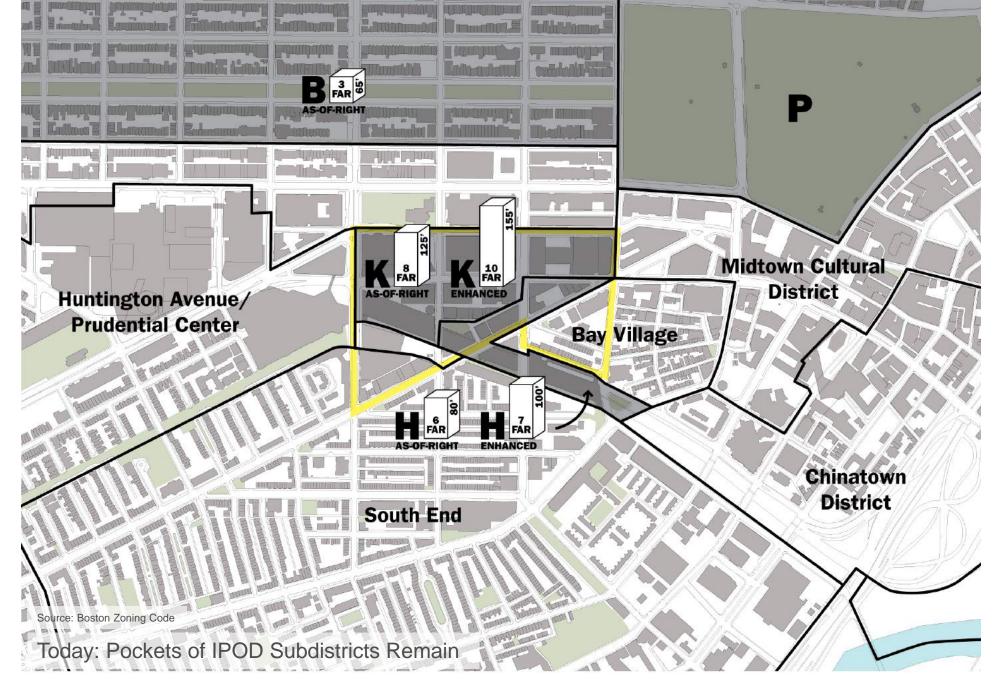
Connectivity

- The continuity of the Beach Street Crossroad should be made more legible through the concentration of active uses along its edges and at the Surface Artery intersection.
- Pedestrian traffic from the Financial District through Edinboro and Kingston Streets should be enhanced by redevelopment on the Edinboro Street sites.
- Inceland and Essex Streets provide clear southern and northern boundaries which delineate the district. These important throughways also link the area to important points both East and West such as the Common and South Station.

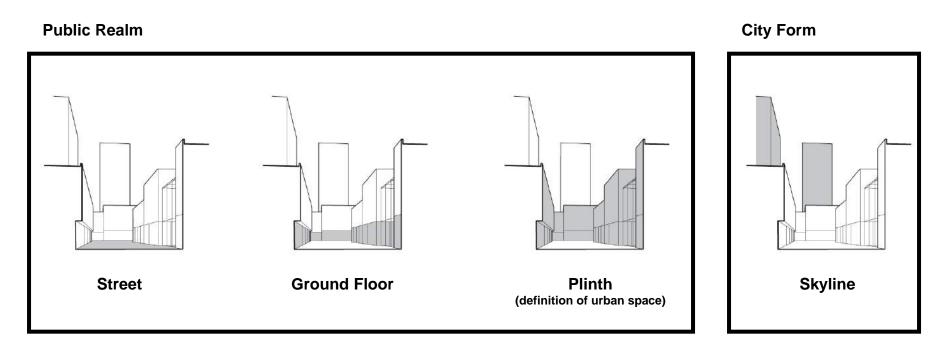
Rose Kennedy Greenway Development Guidelines, Boston Redevelopment Authority, 2009-10



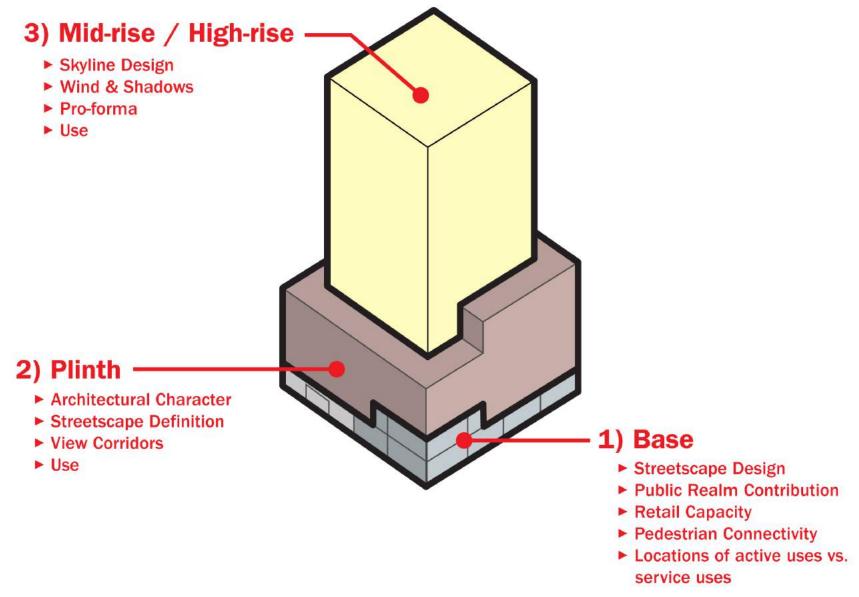




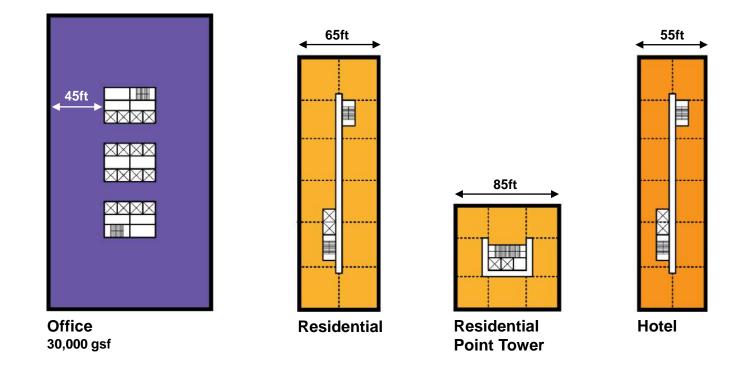
Base, Plinth and High-rise

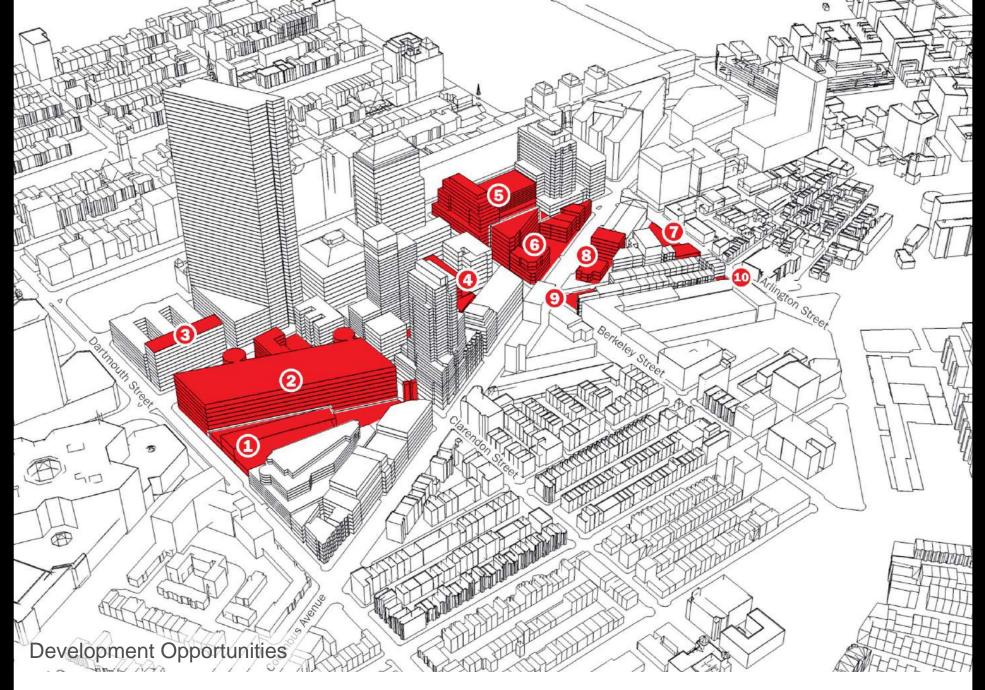


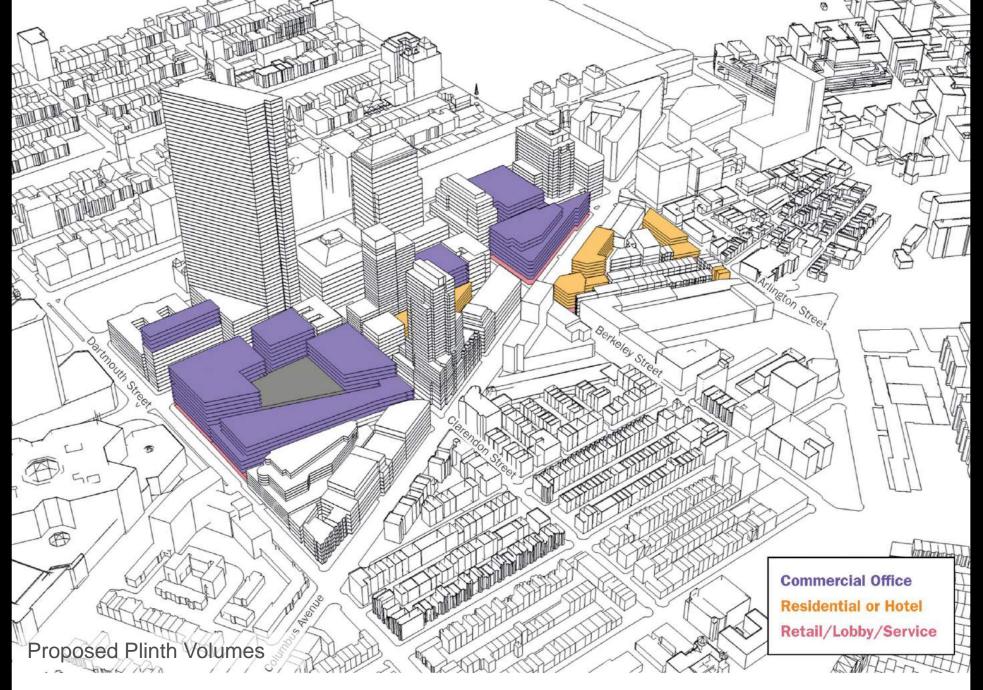
Base, Plinth and High-rise

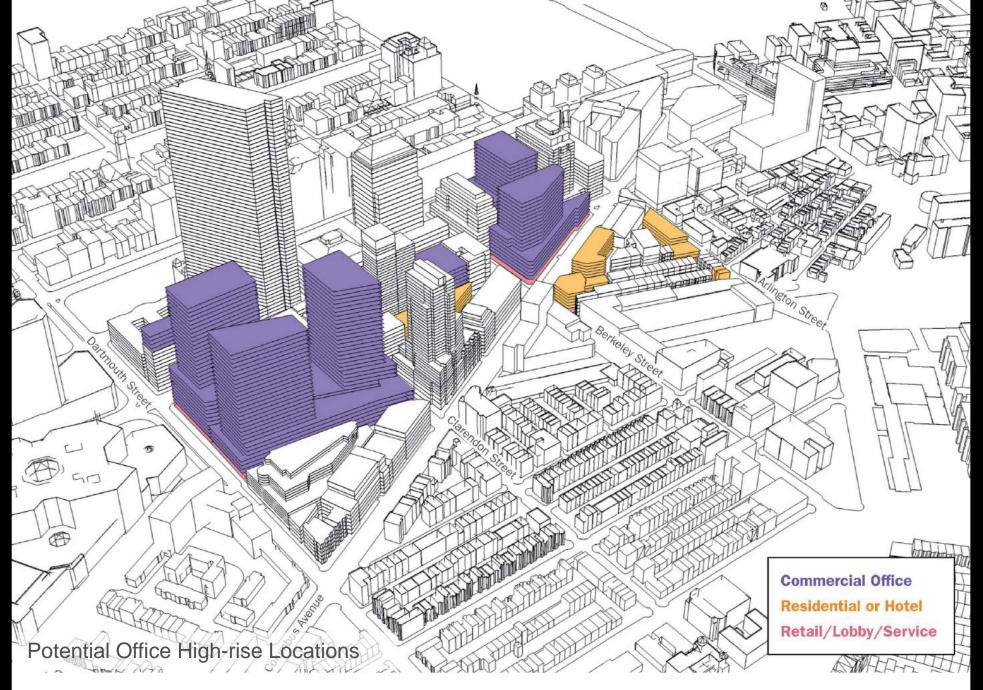


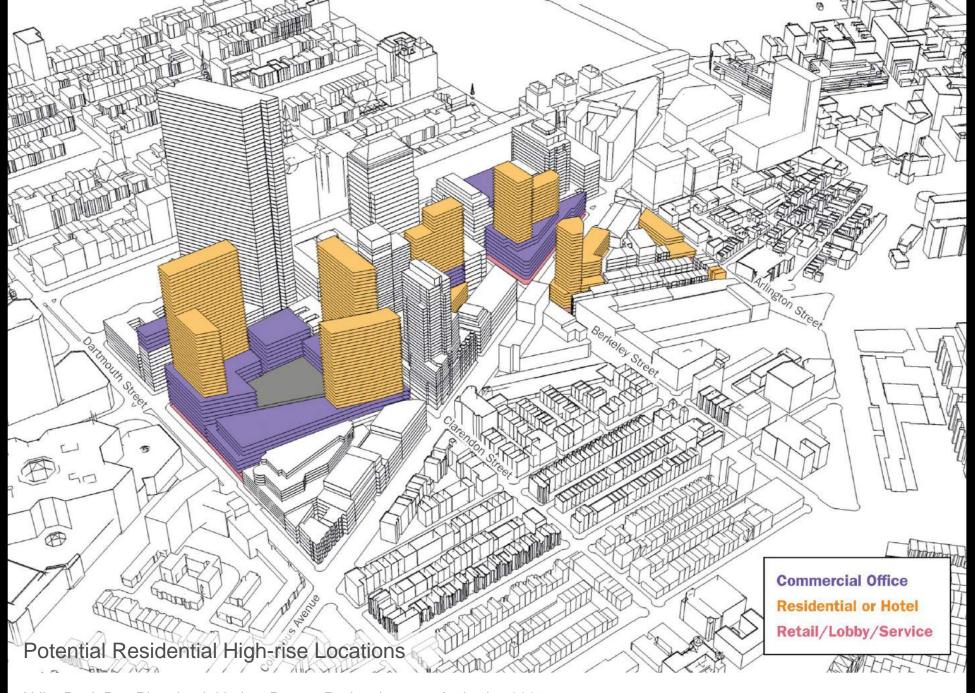
Typical Floorplates

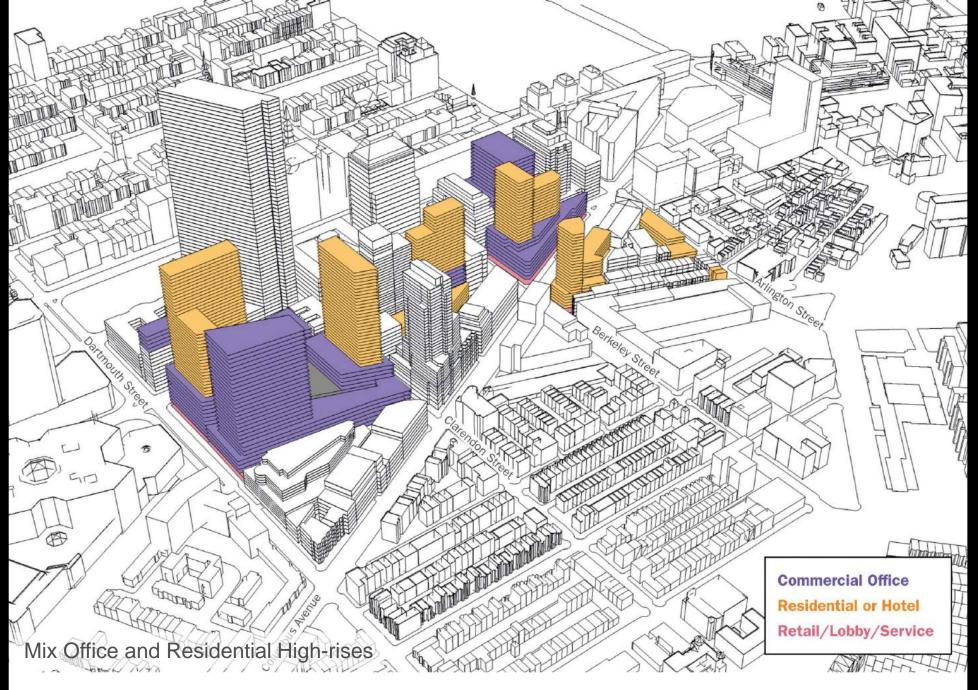


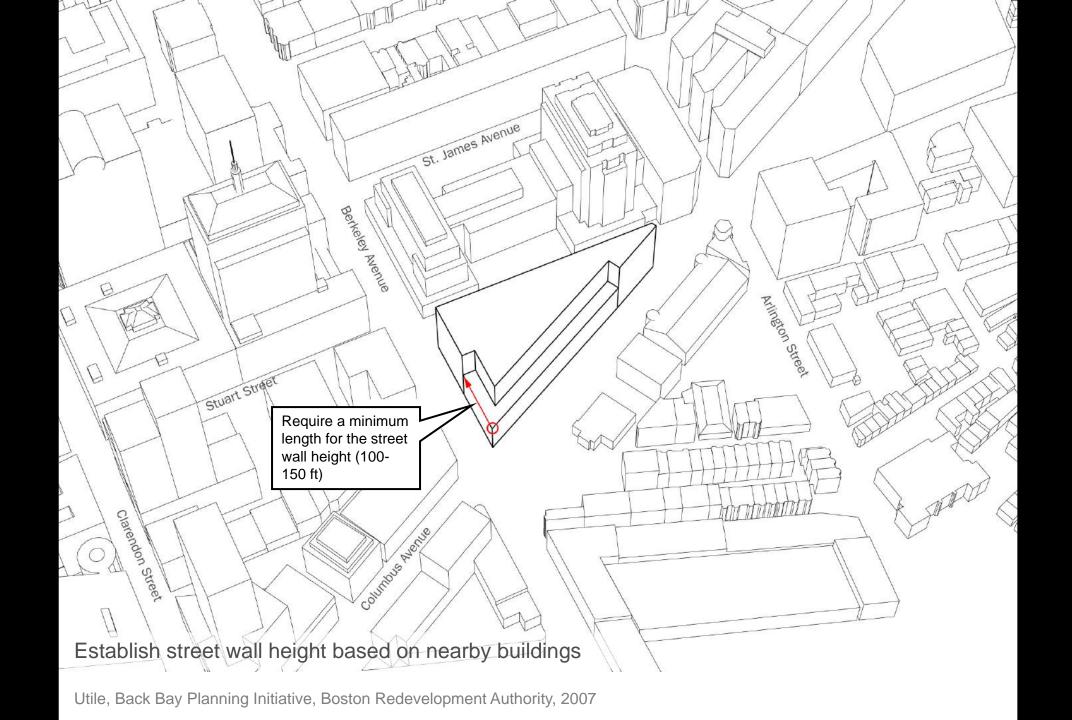


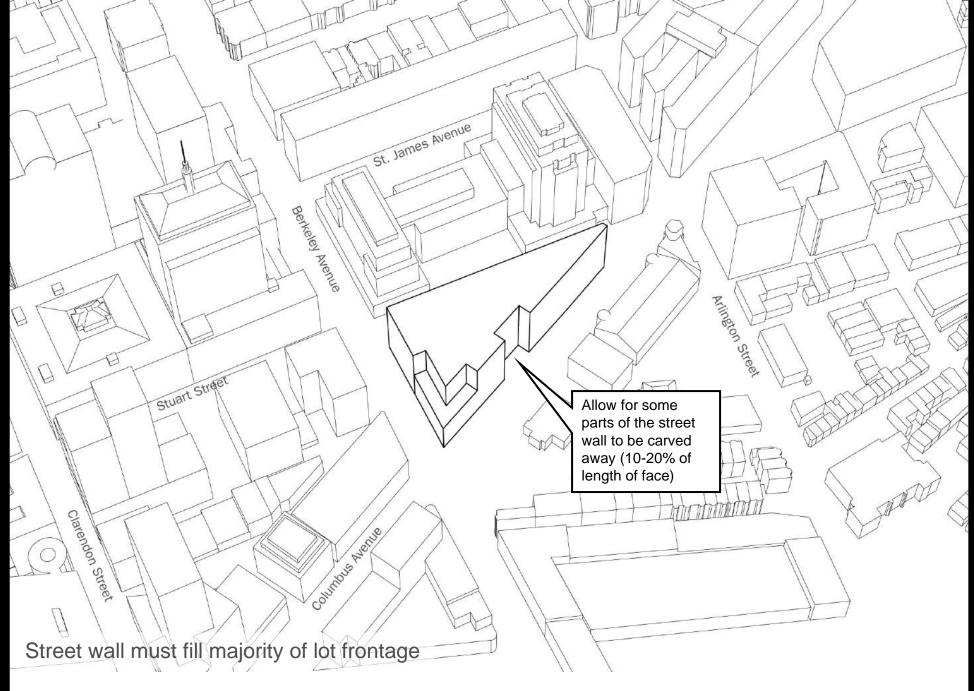


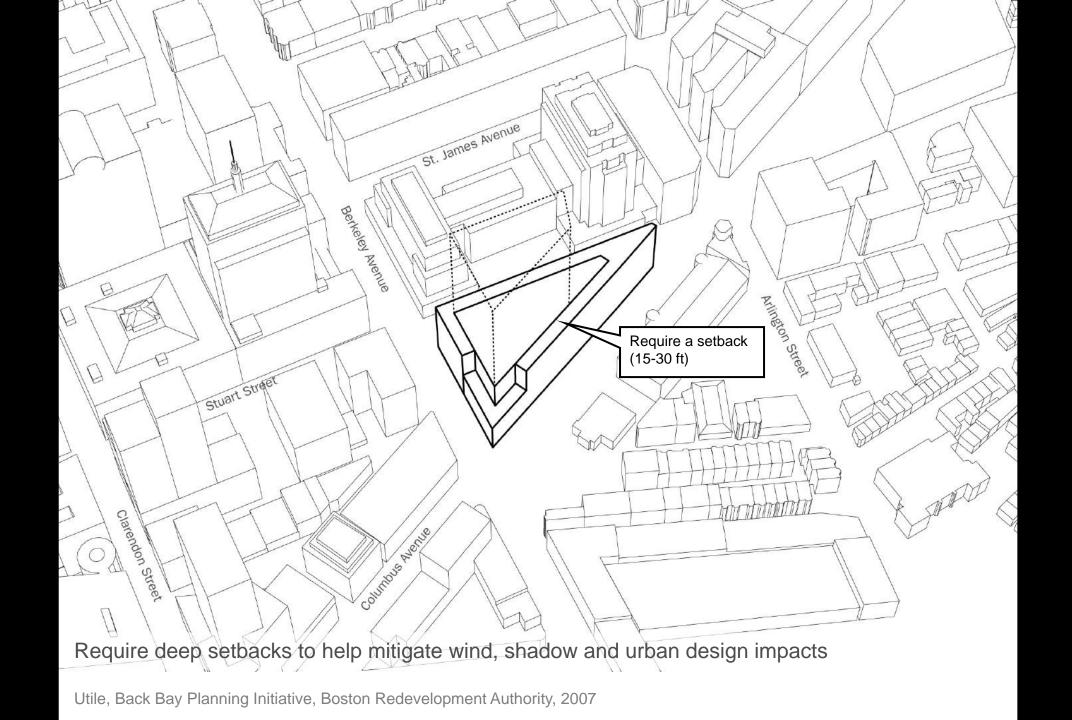


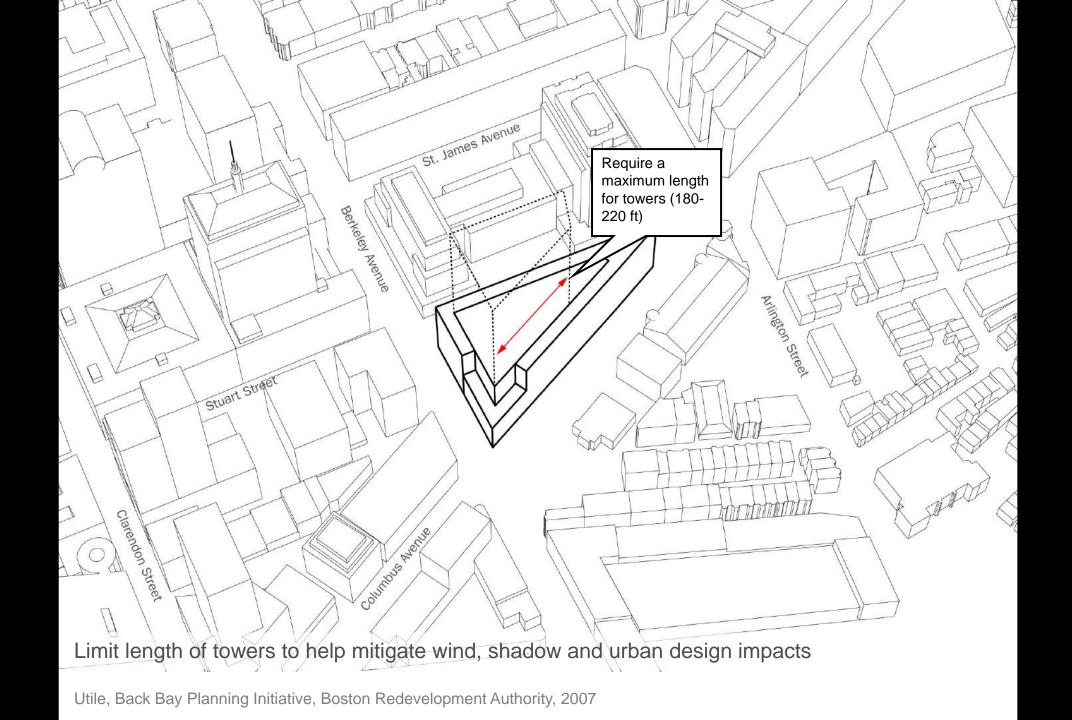


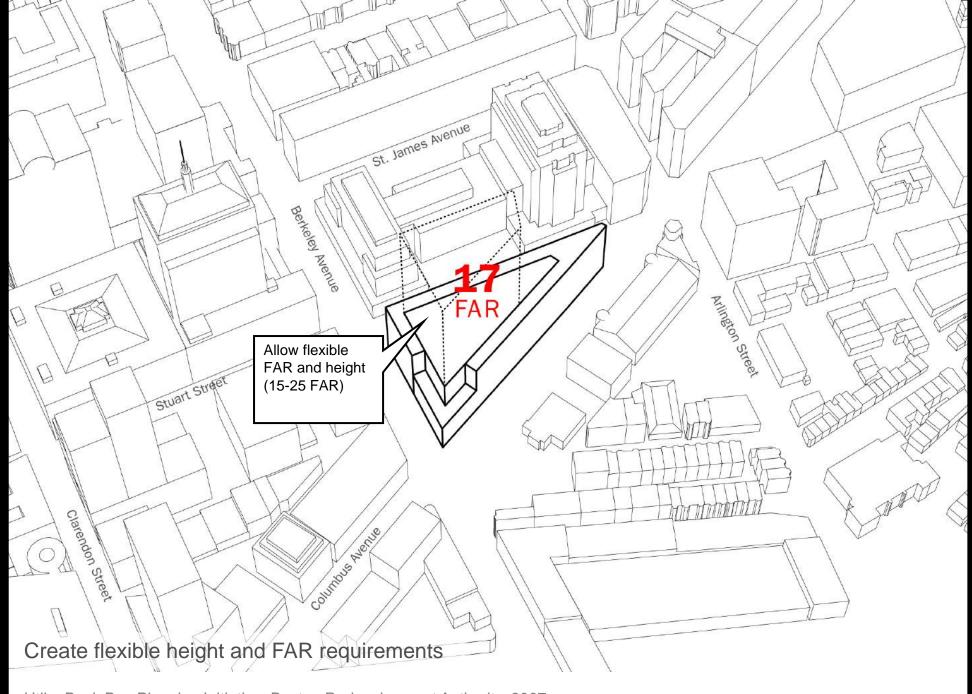


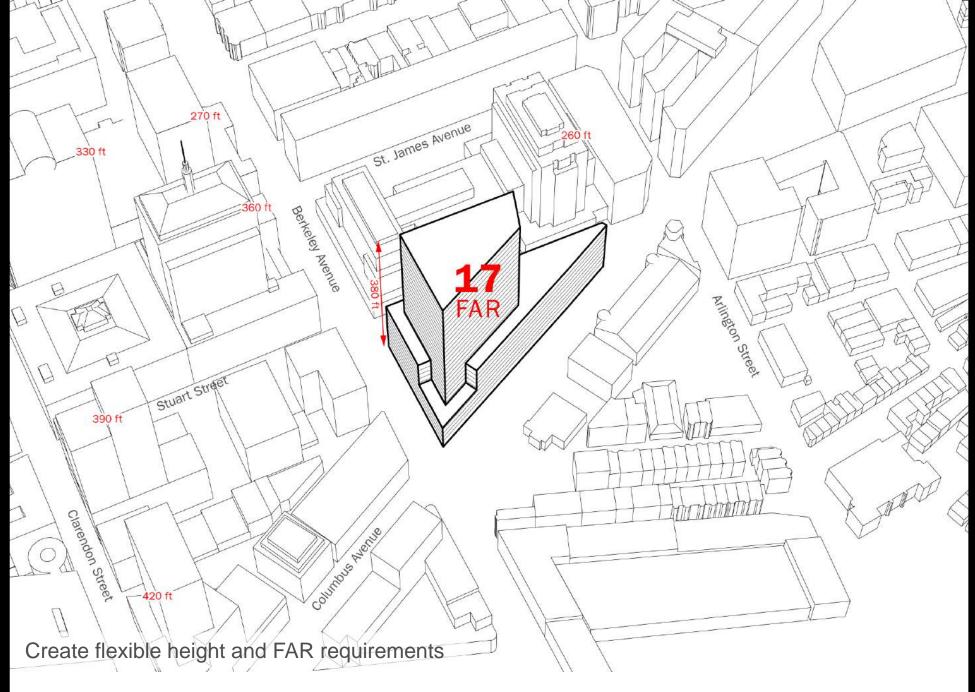


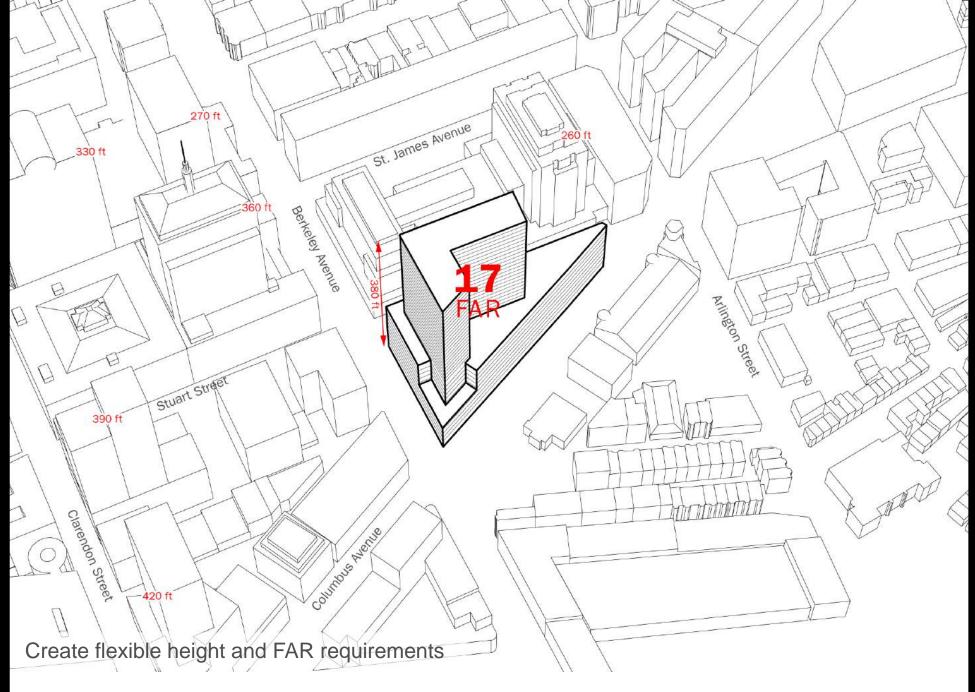


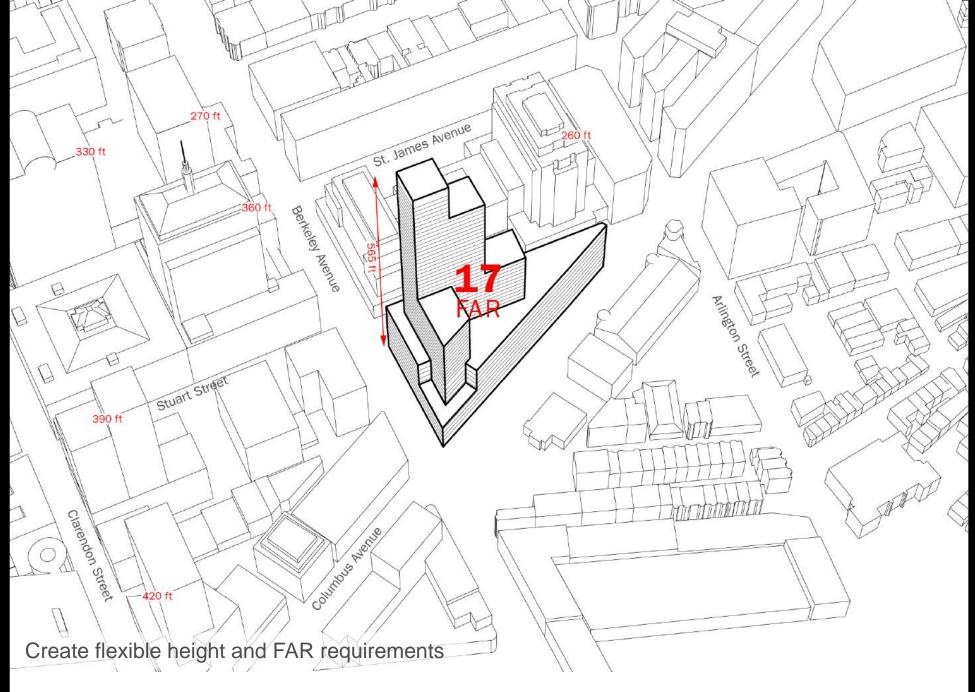


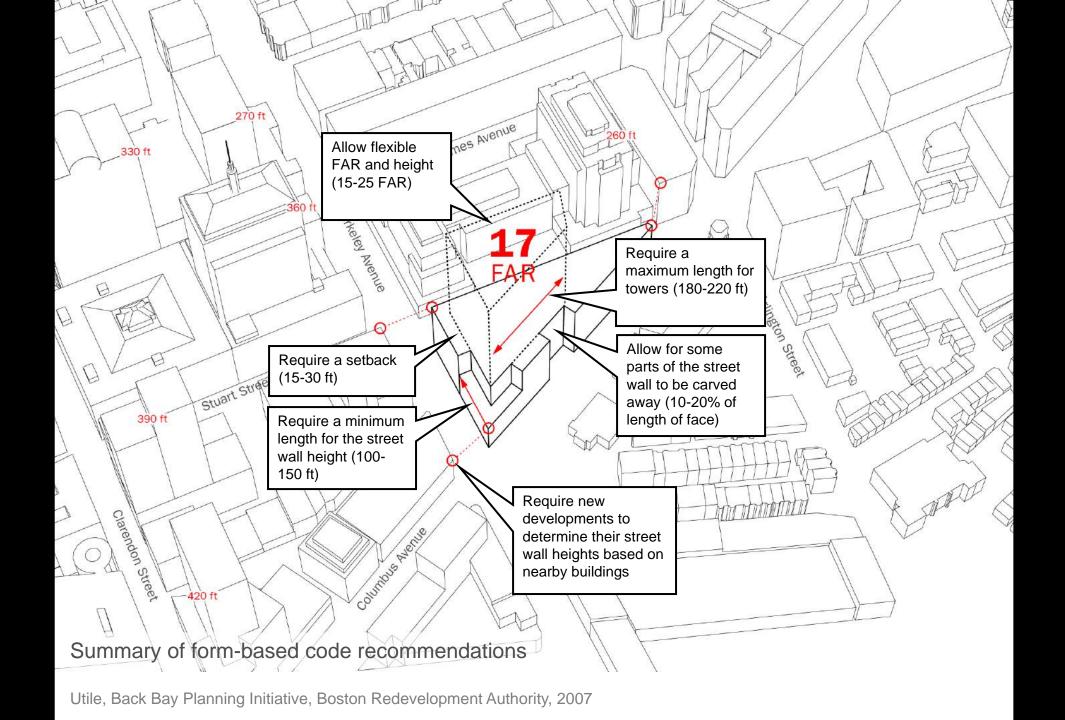


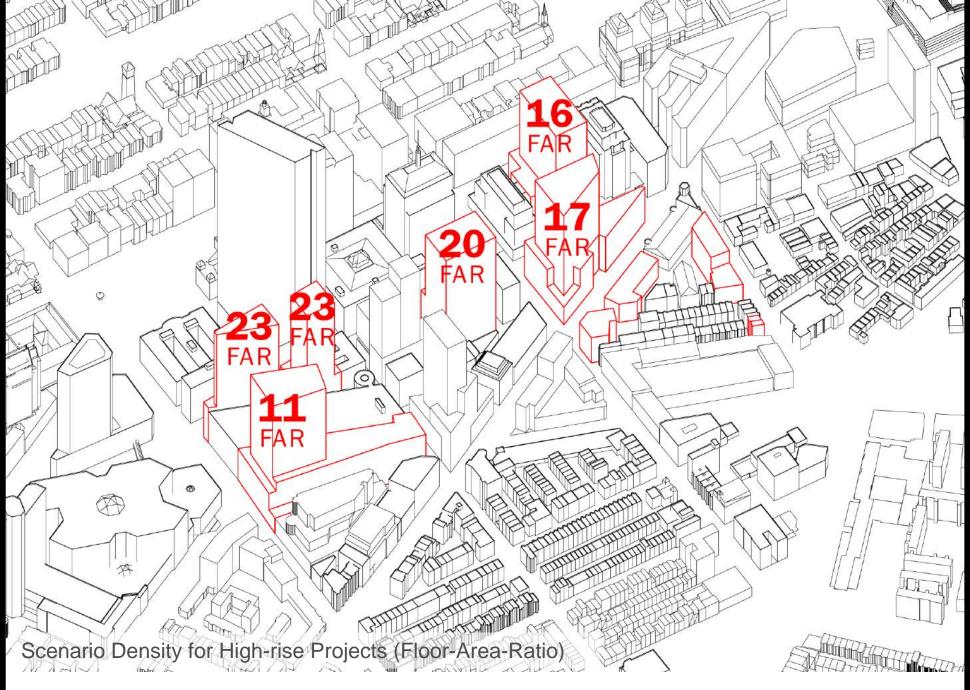


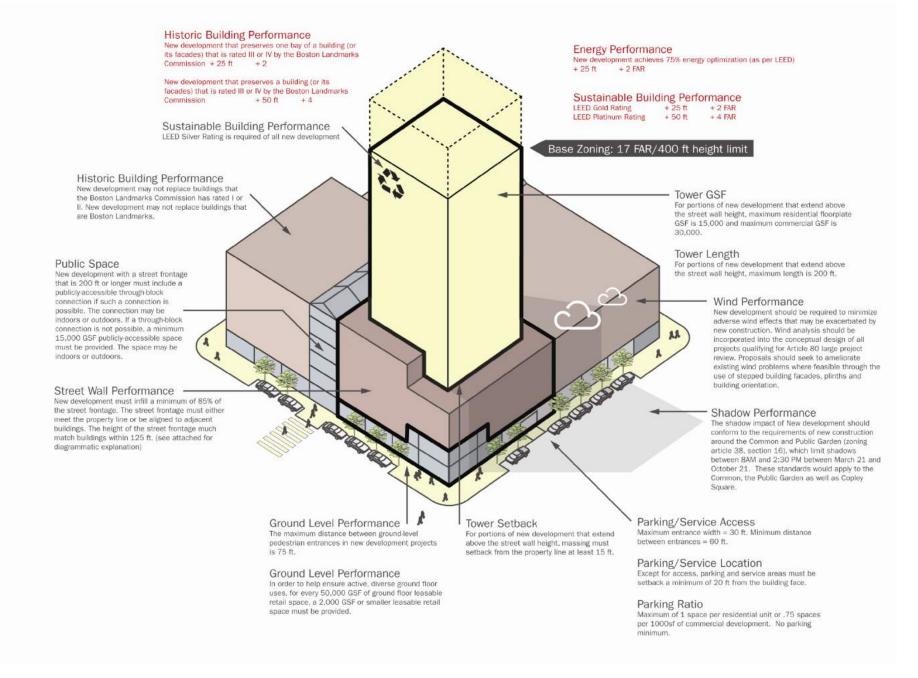






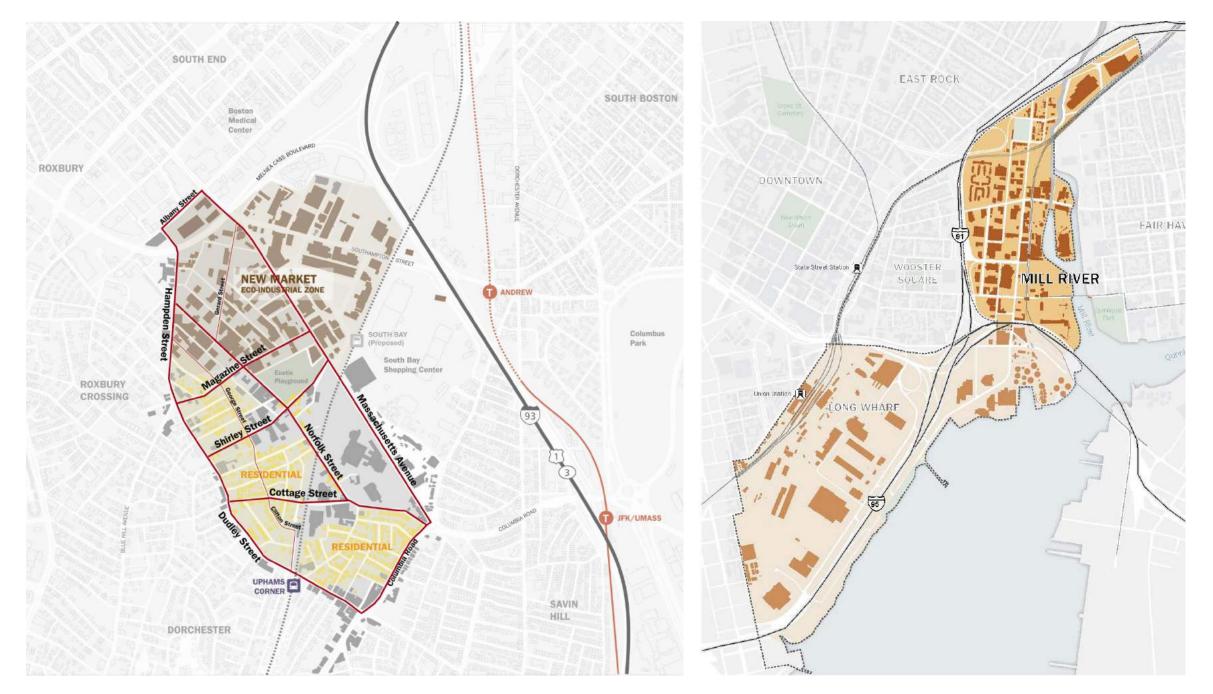








Utile, Back Bay Planning Initiative, Boston Redevelopment Authority, 2007



New Market Planning Initiative, The American Cities Coalition, Utile, 2010-11

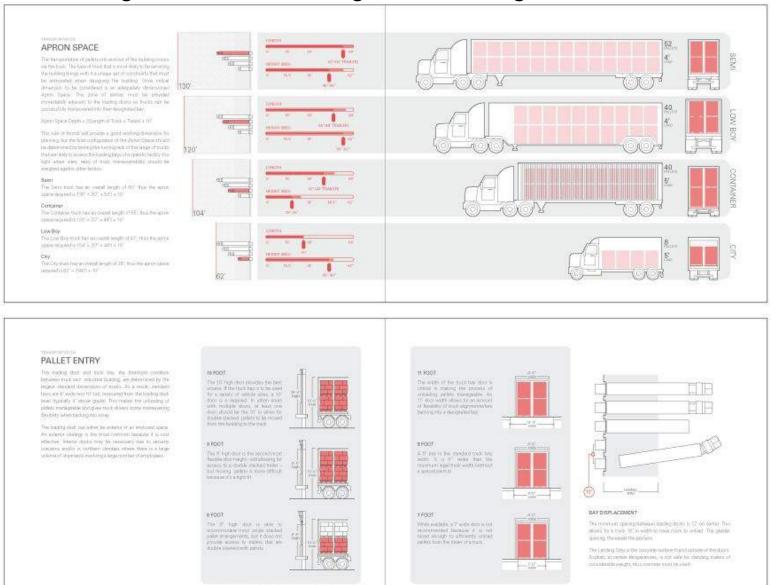
Mill River District Plan, New Haven EDC, Utile, 2011-13

What role should industrial districts play in the central city?



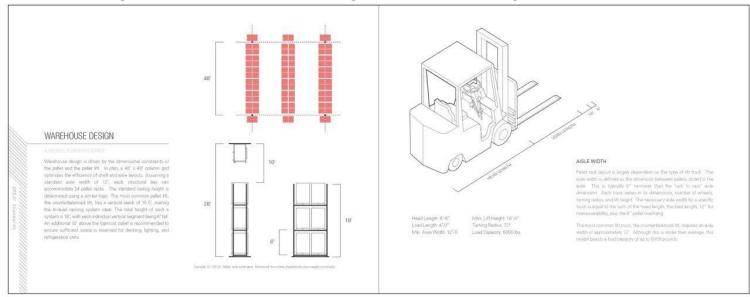
New Life for Urban Manufacturing Districts, Graduate Research Studio, Northeastern University School of Architecture, 2013

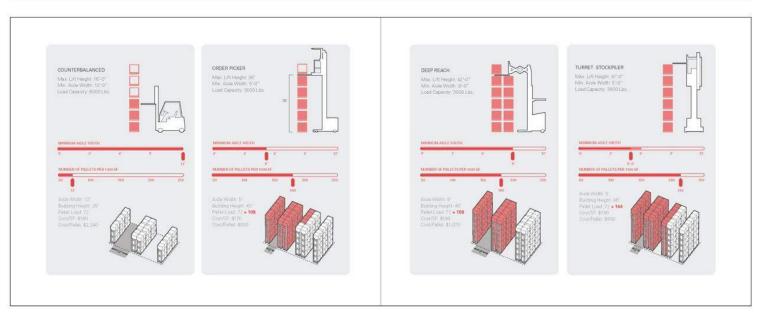
The Relationship between Logistics, Site Planning, and Buildings



New Life for Urban Manufacturing Districts, Graduate Research Studio, Northeastern University School of Architecture, 2013

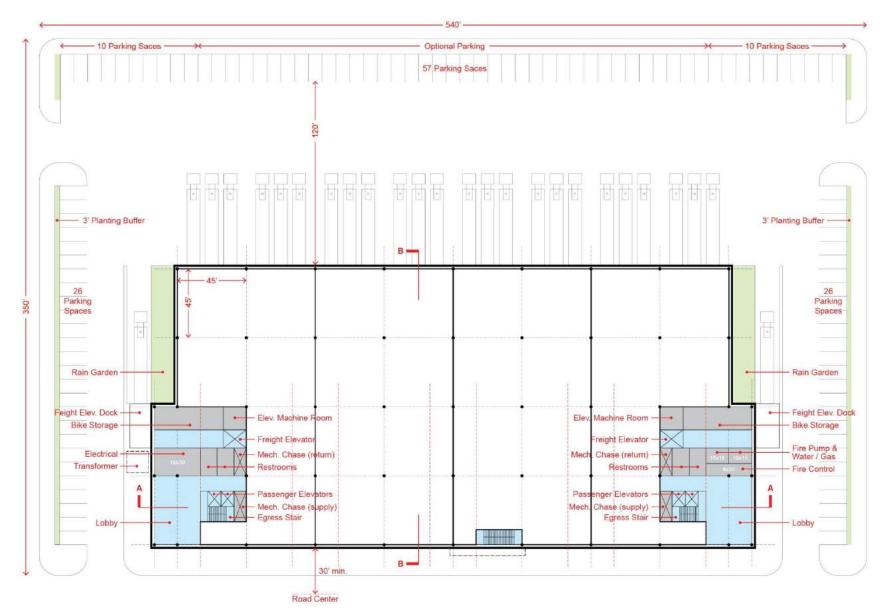
The Relationship between Logistics, Site Planning, and Buildings





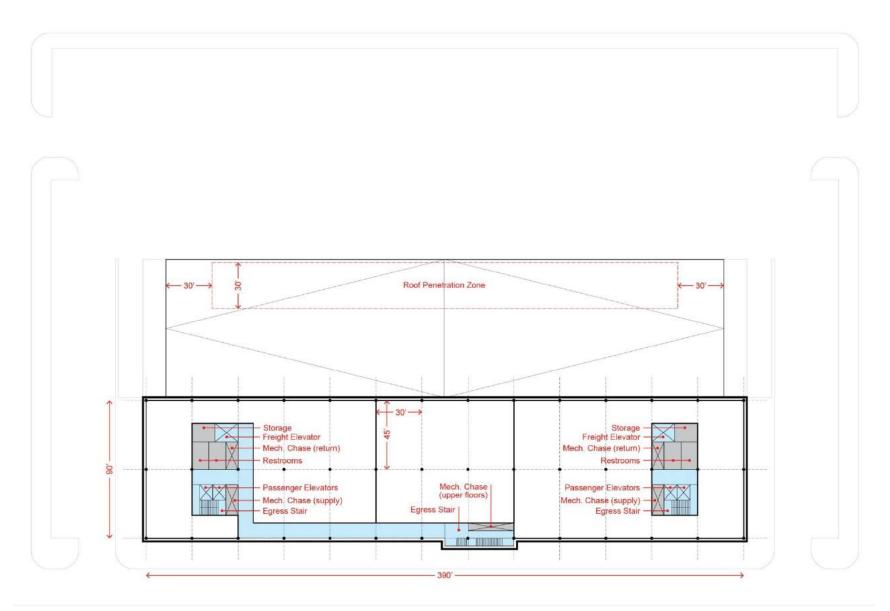
New Life for Urban Manufacturing Districts, Graduate Research Studio, Northeastern University School of Architecture, 2013

Mixed Industrial Building Prototype



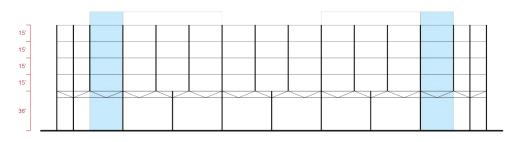
Boston Marine Industrial Park, Boston Planning & Development Agency, 2015-6

Mixed Industrial Building Prototype

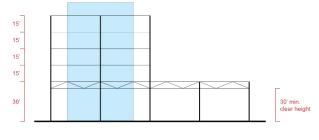


Mixed Industrial Building Prototype

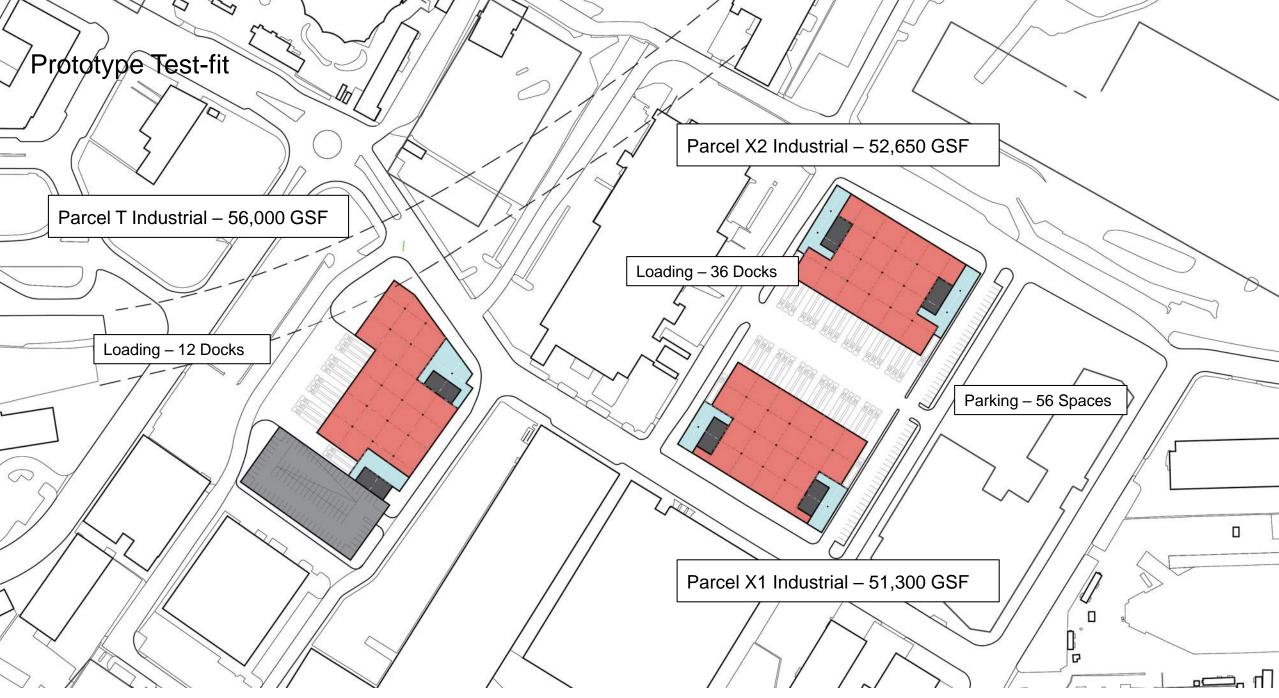




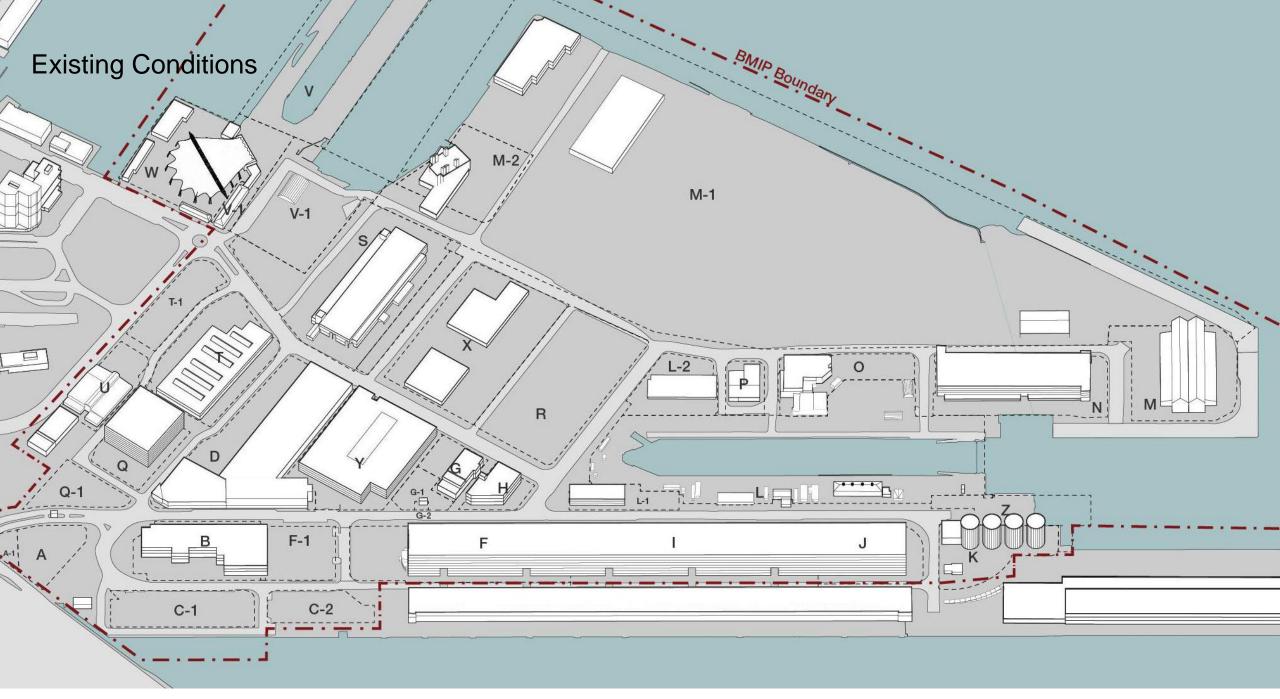
Section A-A



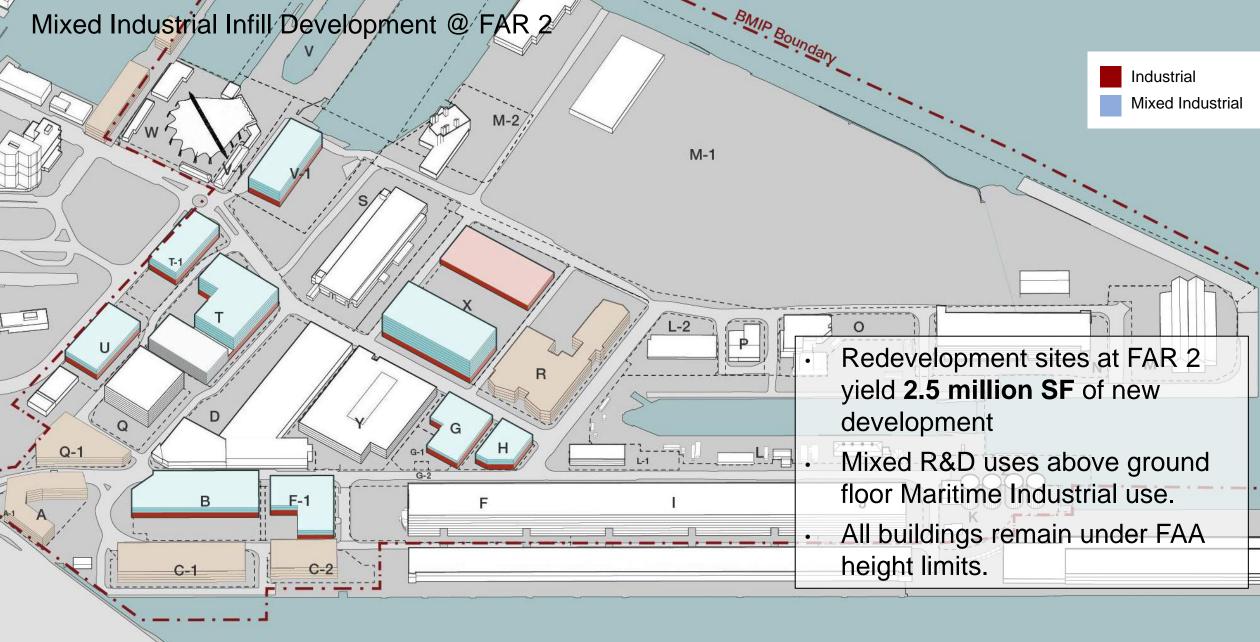
Section B-B

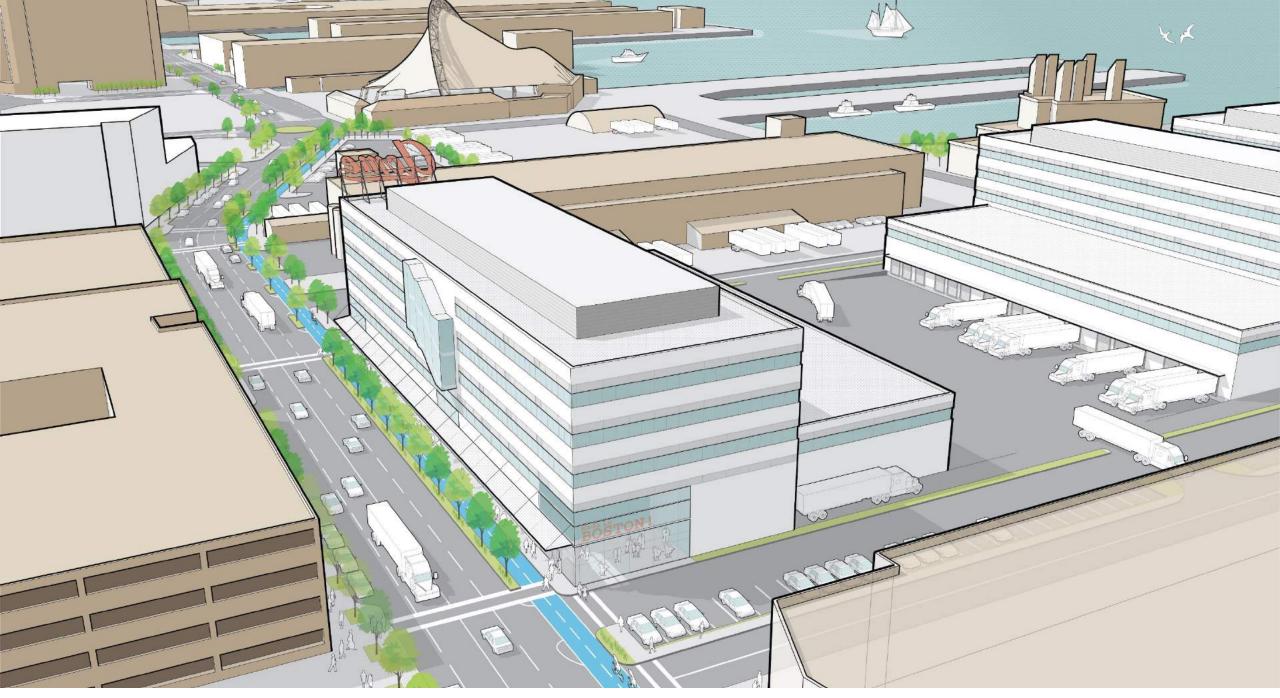






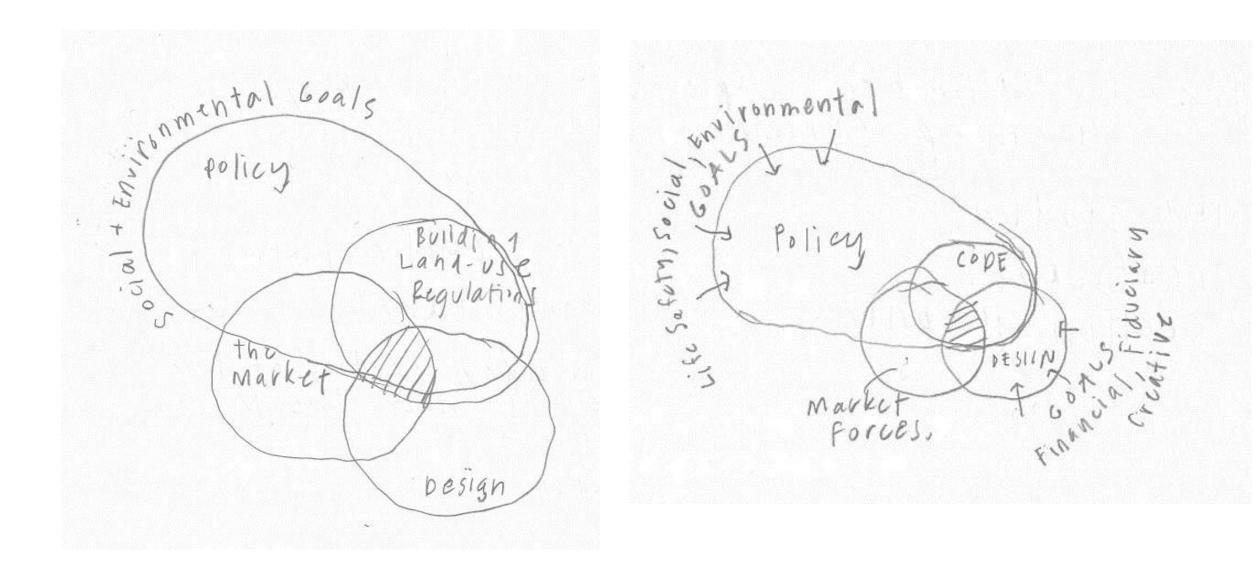
Mixed Industrial Infill Development @ FAR 2



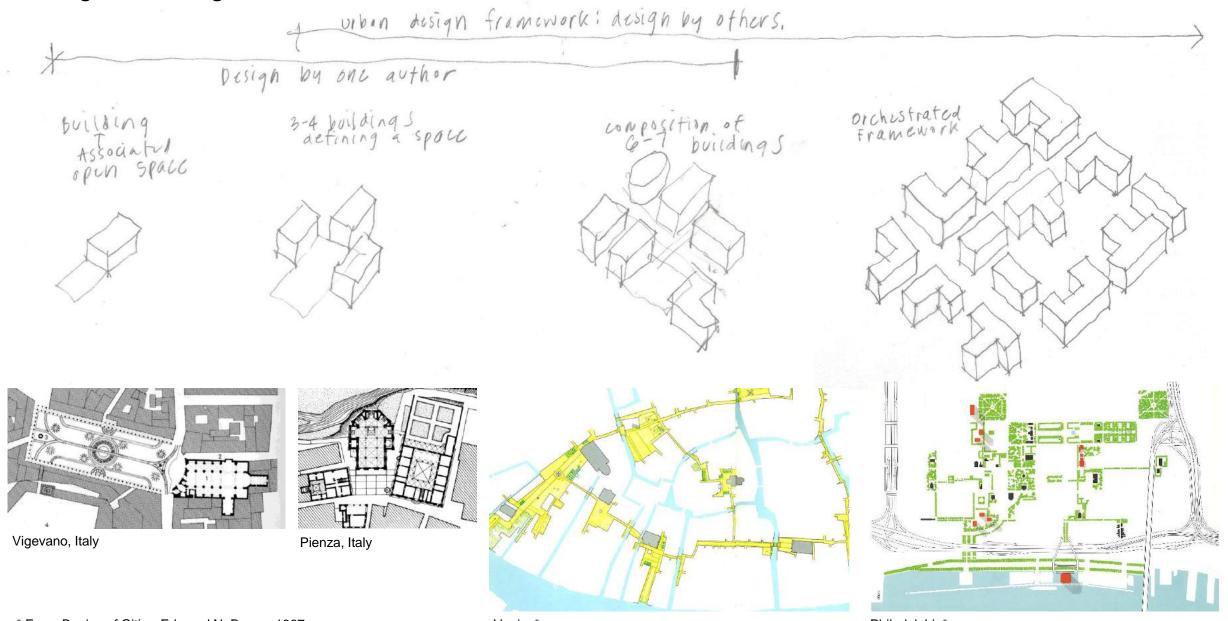




Alewife Plan, Envision Cambridge, City of Cambridge, 2016-present



Design vs. Design Framework



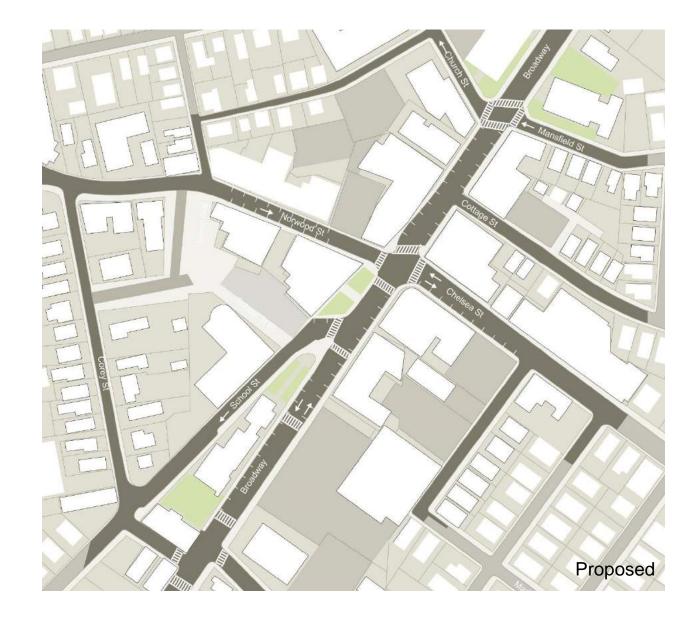
* From Design of Cities, Edmund N. Bacon, 1967

Venice*

Philadelphia*

Everett Square: Proposed Urban Design Interventions

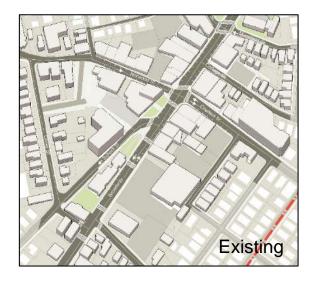
- Consolidate and expand open space
- Improve circulation



Strategy 1: Extend Union Ave

Formalize current parking access as a new street between Norwood Street and School Street

Potential development site for small scale retail along Everett Square and School Street



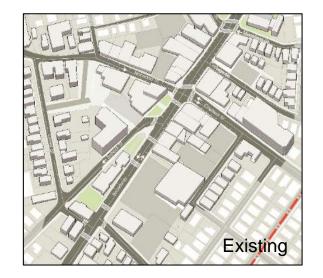


Strategy 2: Reconfigured Plaza

Extend new street to connect Union Ave to Broadway and School Street

Extend open space to form continuous plaza from Norwood street to Parlin Library

Use "shared space" approach at School/Broadway intersection



Existing Plaza = 16,840 SF Proposed Plaza = 20,700 sf Additional Plaza space = **~3,860 SF**



Shared Space





Sites 2 and 3: Relocate RiteAid, extend Marlboro to Broadway

- Generates two development parcels facing library and reconfigured plaza
- Requires phased demolition and redevelopment of Rite-Aid
- Consolidates parking at rear of block (Victoria Street)



- Development Parcel 02 ~25,450SF
- Development Parcel 03 ~7,900SF

Sites 2 and 3: Mixed-use with shared parking

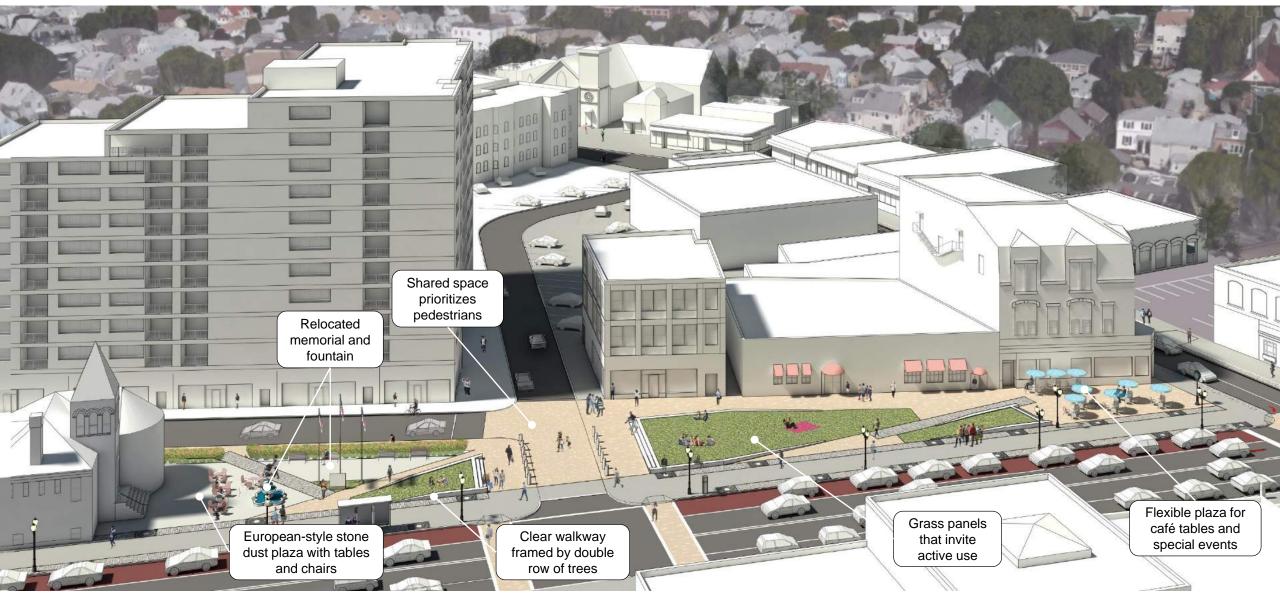
- Two 6 story buildings
- Retail: 30,700 SF (Site 2 replaces existing 24,567 SF)
- Residential: 120 units
- Shared Parking: 205 space



Reimagined Square



Reimagined Square





Utile and Nelson Nygaard, Union Square Neighborhood Plan, City of Somerville, 2015-16



Utile and Nelson Nygaard, Union Square Neighborhood Plan, City of Somerville, 2015-16



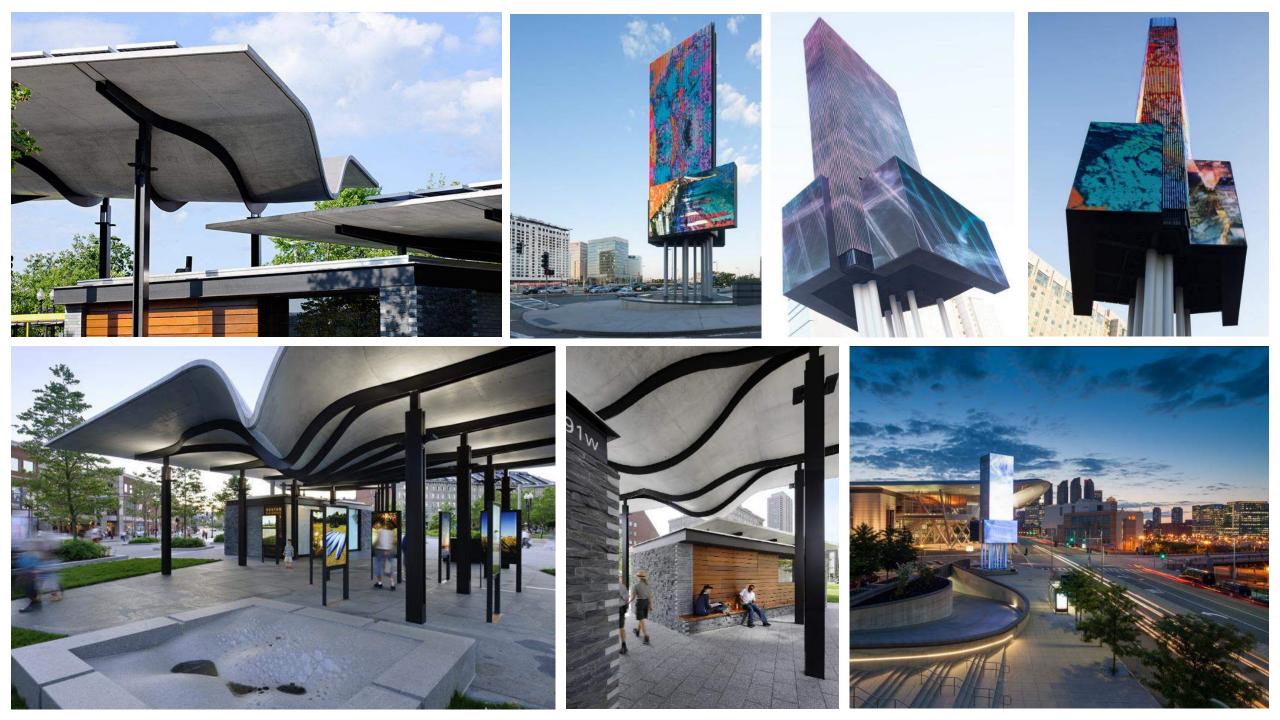












Clients and Projects

public : private infrastructure : parcels framework framework planning framework bevelopment Design Guidelines (controls) Guidelines sticetscape Guidelines streetscape . conceptual Development Master Plan Design open spaces streetscape open spales sticutscape implementation public buildings Design buildings private developer public' agency