

Enterprise Research Campus

Impact Advisory Group (IAG) – Meeting #6

February 26, 2018



Agenda

Major Themes

- Open Space
- Drainage
- Transportation / Circulation

Pre-Existing Conditions



1990s



Pre-Existing Conditions



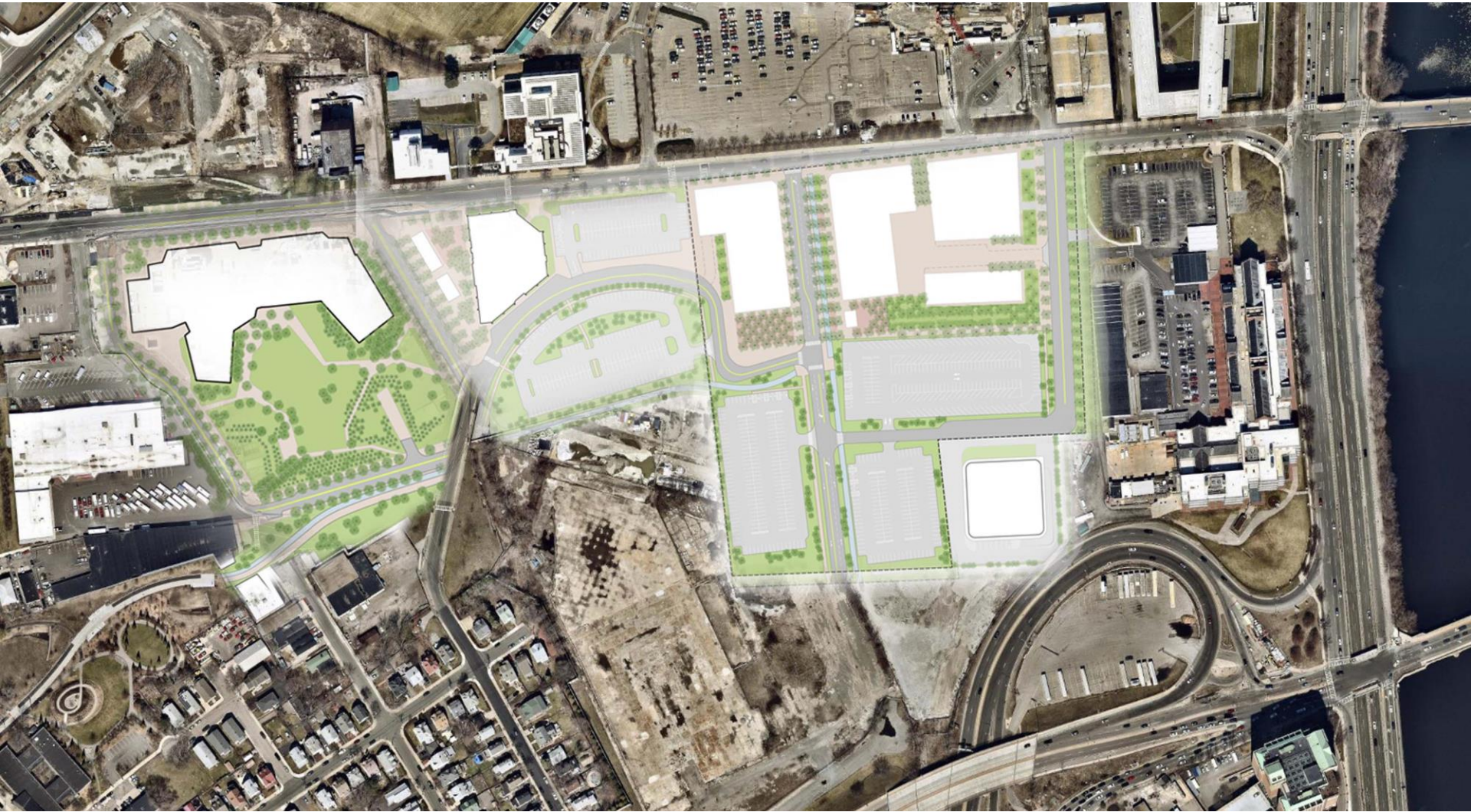
2005

Environmental Improvements



2015 Electric Resistance Heating

PDA Master Plan



Post PDA

Positive Impacts of PDA Master Plan

- Vehicular circulation
- Pedestrian circulation
- Bike connections
- Drainage infrastructure
- Streetscape improvements
- Open space system
- Environmental remediation
- Retail opportunities

Primary Open Space - Framework Plan



IMP (2013)



ERC (2017)



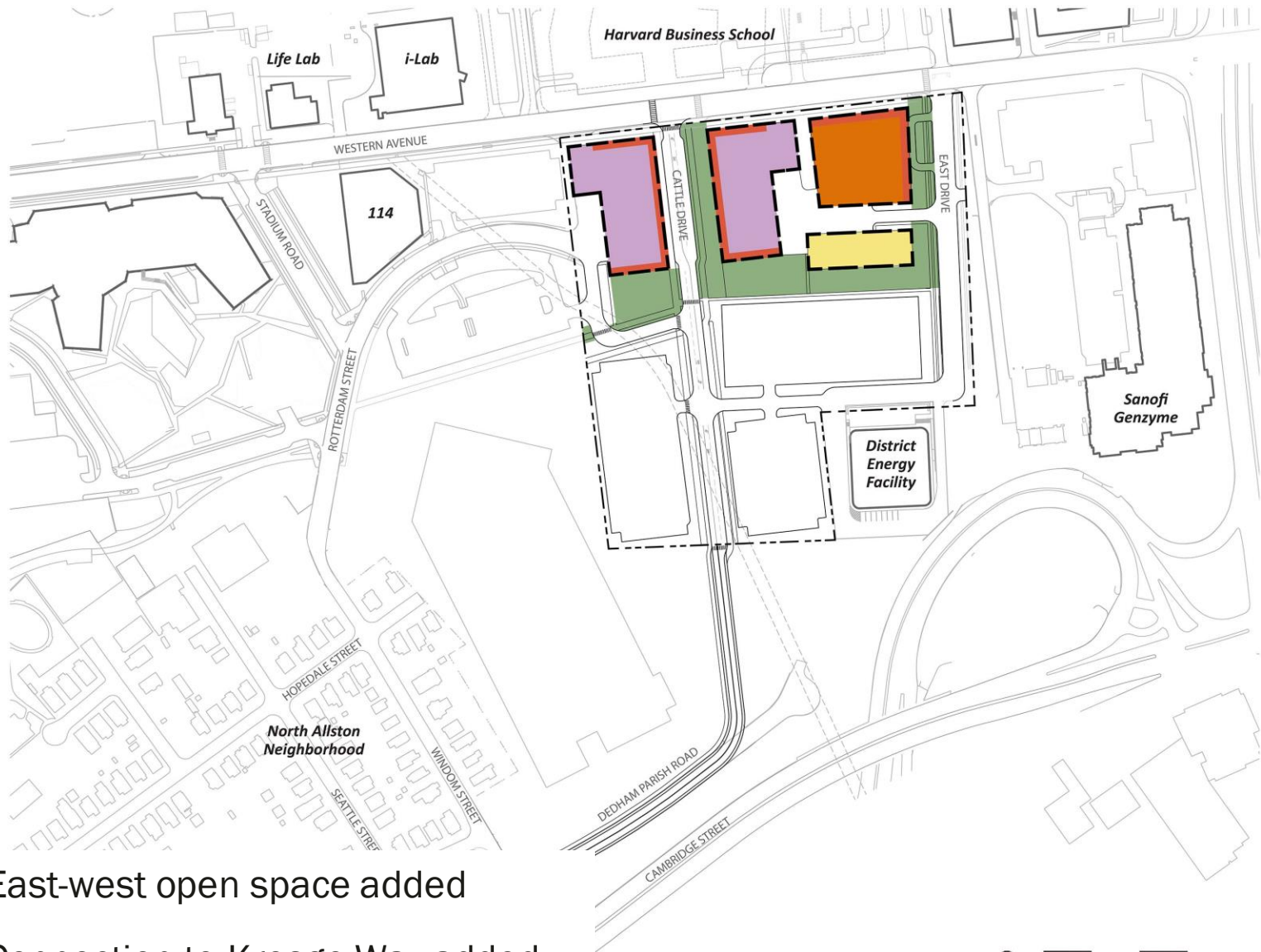
ERC Modification

- Approximately two acres added
- Connection to Riverfront at Western Ave/Soldiers Field Rd added
- District-wide guideline “20% of developable land area” – I-90 Placemaking Study

Framework Plan Modification



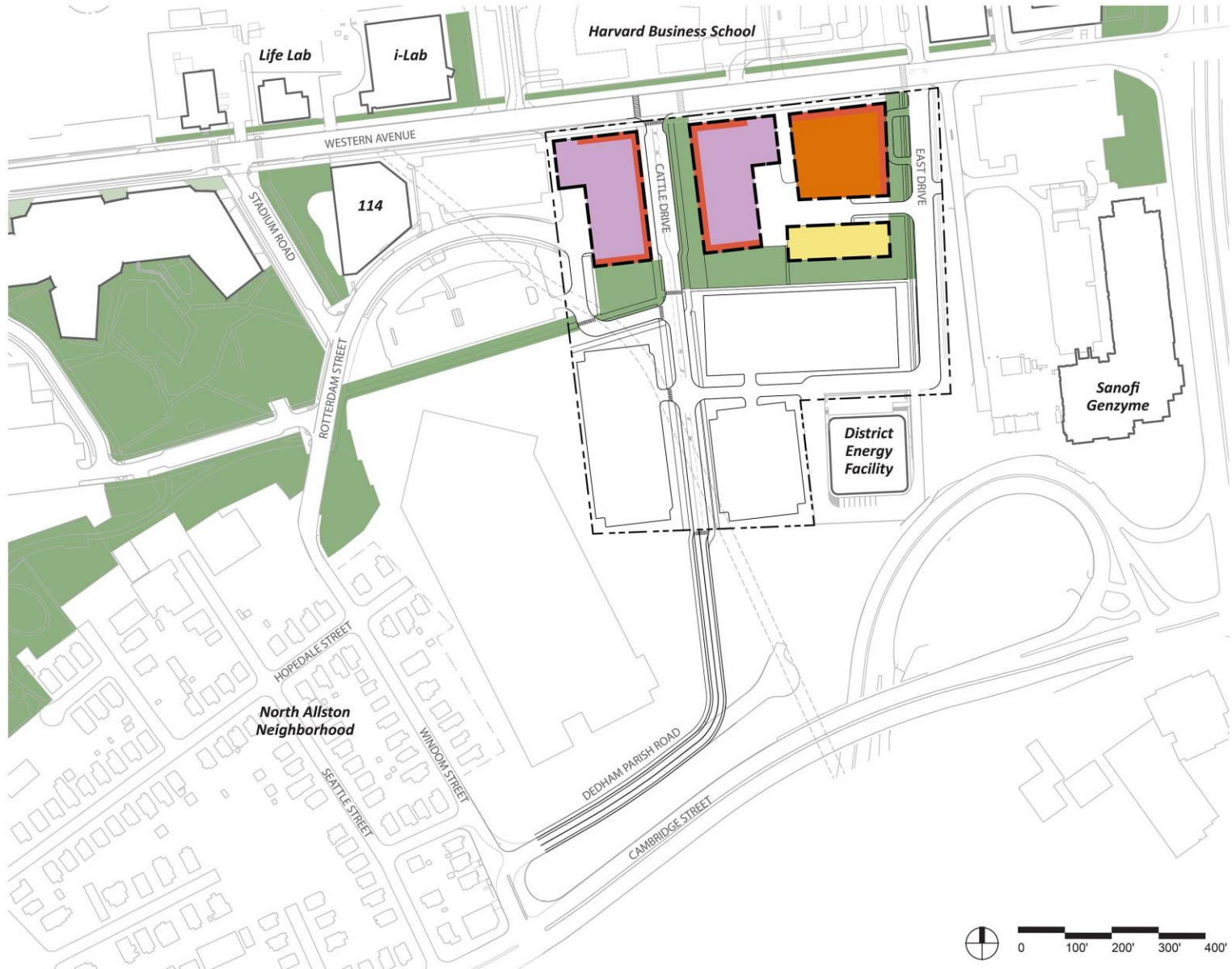
Open Space - PDA Plan



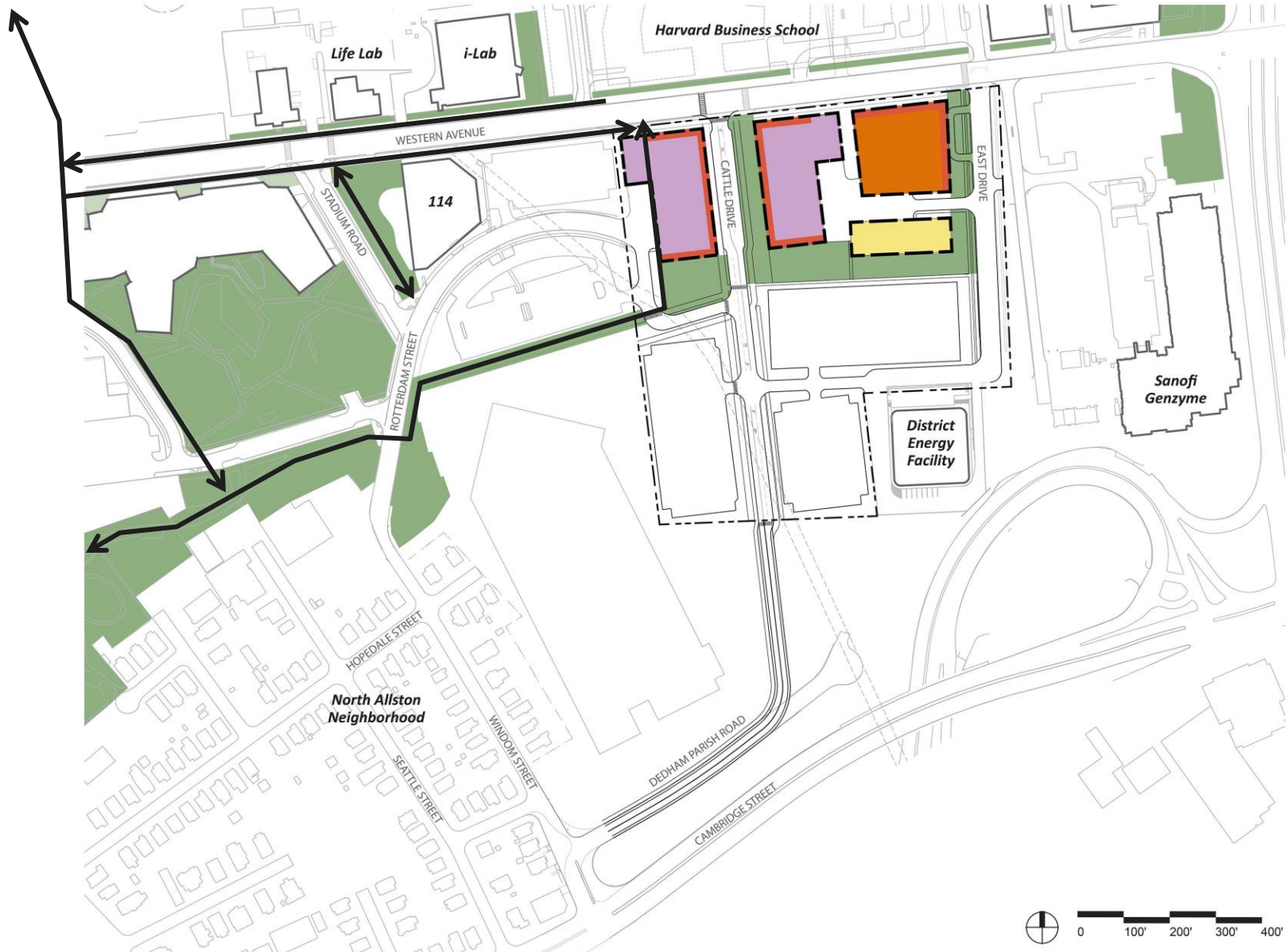
- East-west open space added
- Connection to Kresge Way added



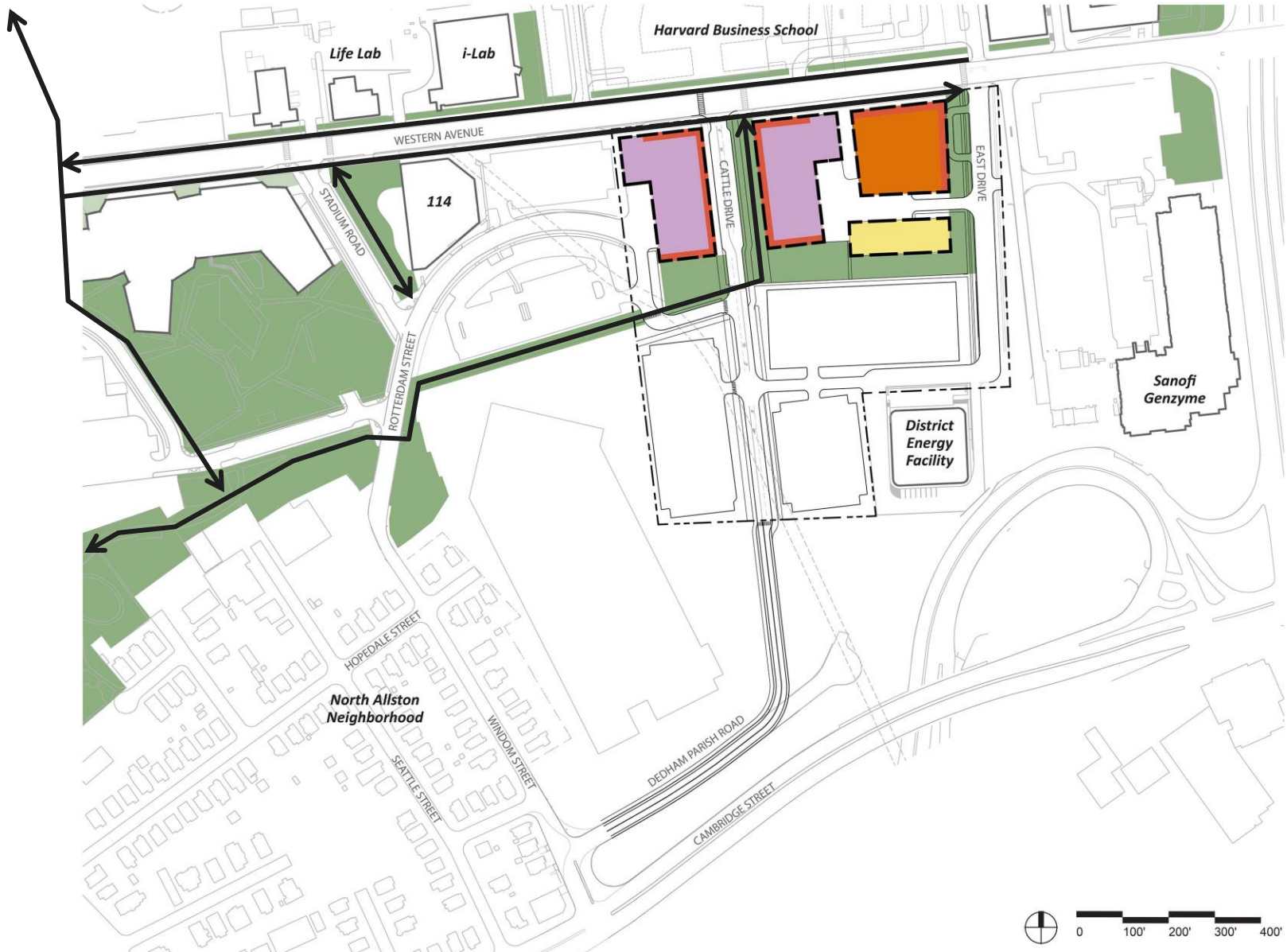
PDA + SEC



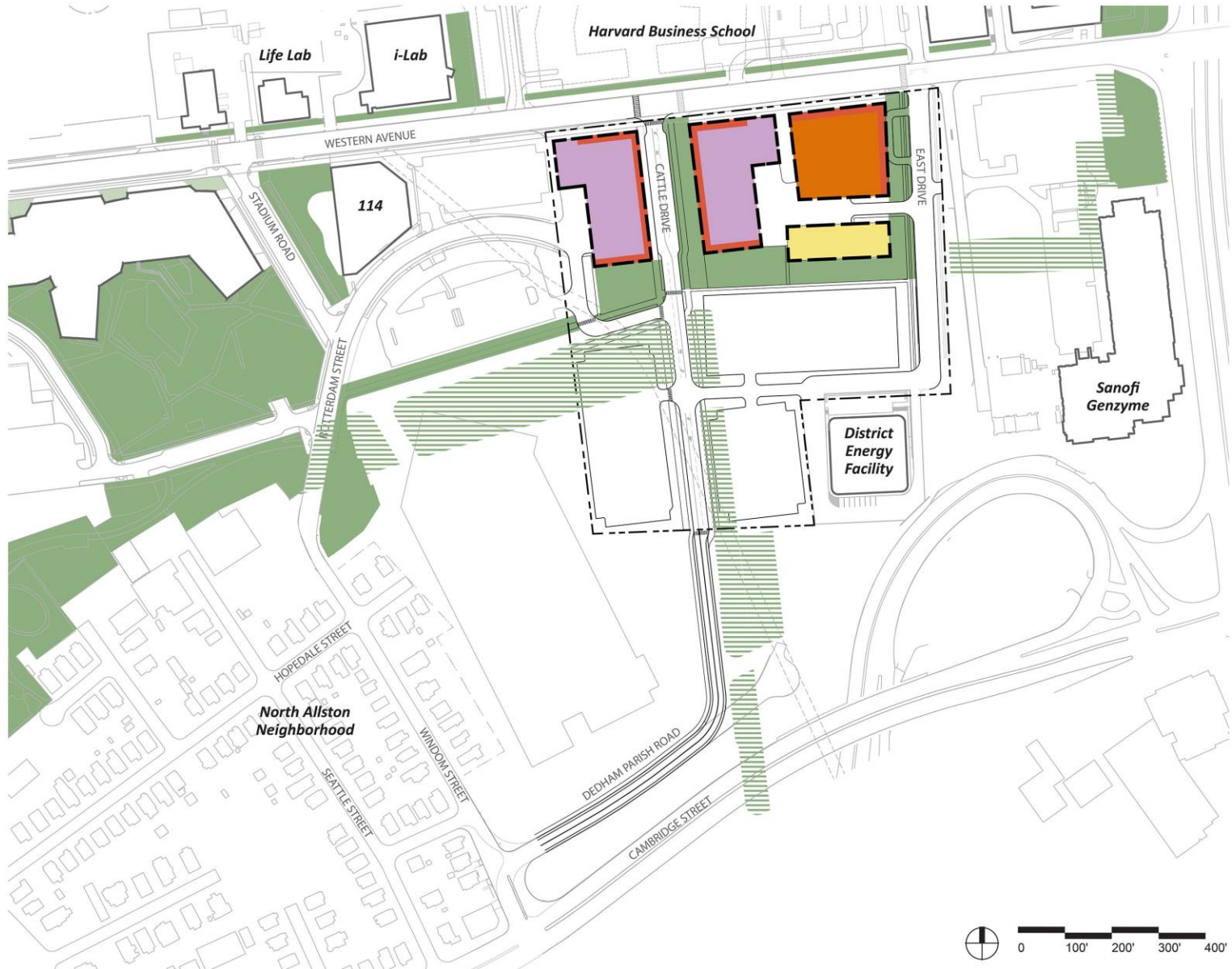
SEC - PROTECTED BIKE ACCOMMODATIONS



PDA + SEC - PROTECTED BIKE ACCOMMODATIONS



Long-Term Framework



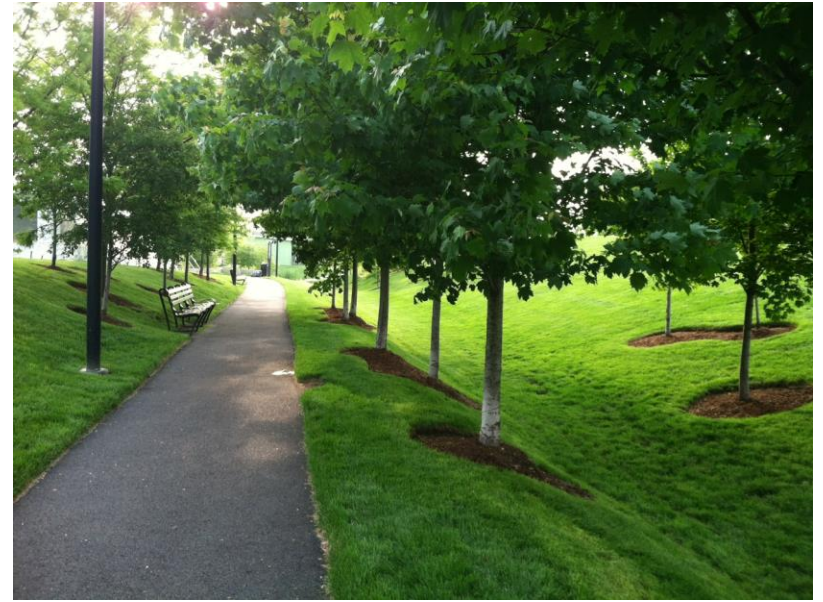
Framework Plan Modification



Precedents



North Point Park



North Point Common



Rena Park



Southwest Corridor Park

Precedents



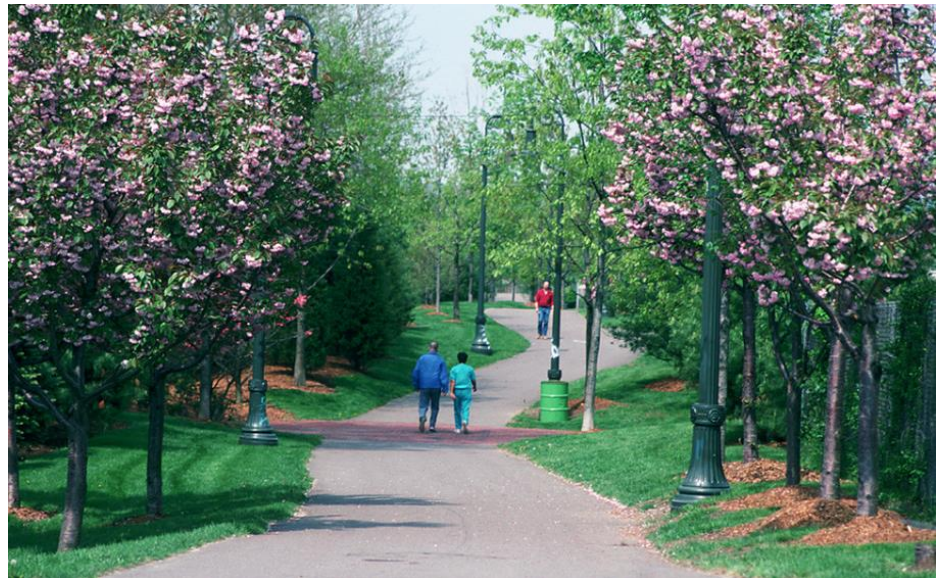
Stockholm Open-Air Café



Post Office Square



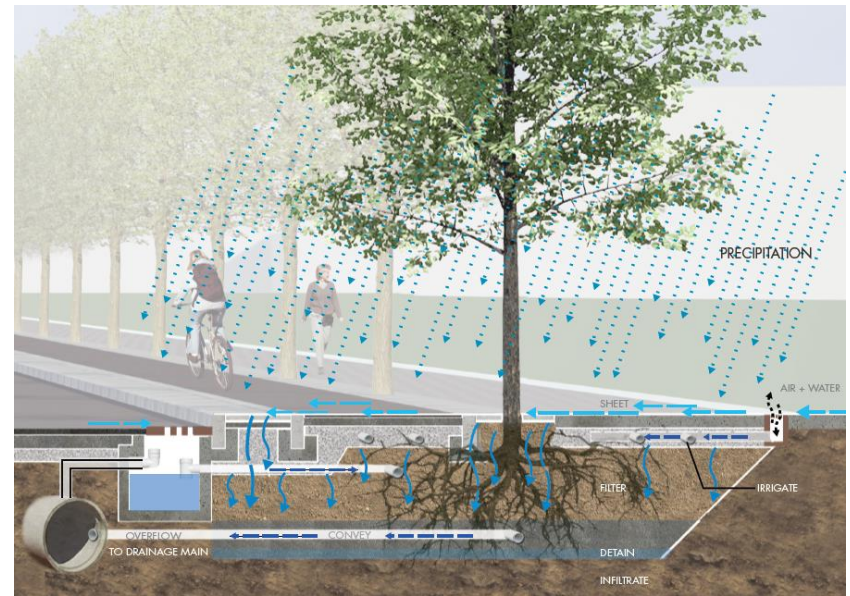
Winthrop Square



Davis Sq to Alewife Linear Park

Drainage

- Comprehensive, multi-level approach
- Best management practices – infrastructure and natural drainage
 - Conveyance
 - Subsurface Structure
 - Landscape Elements
 - Building/Site Features



Tree Canopy & Streetscape Guidelines (Per IMP)



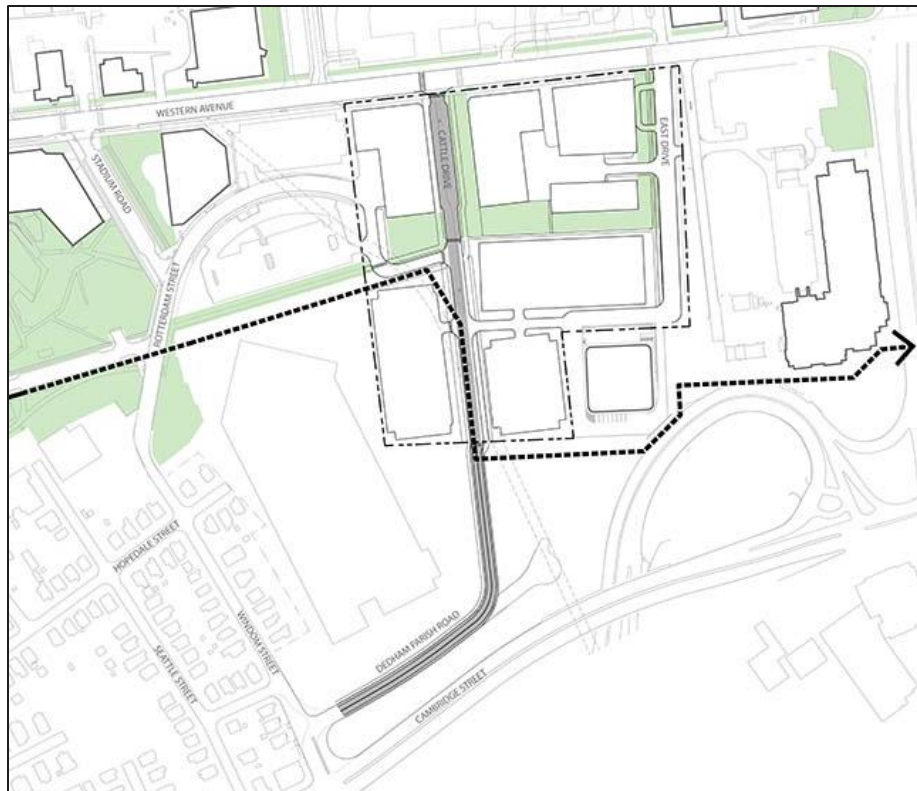
Rain Garden– Ray Mellone Park



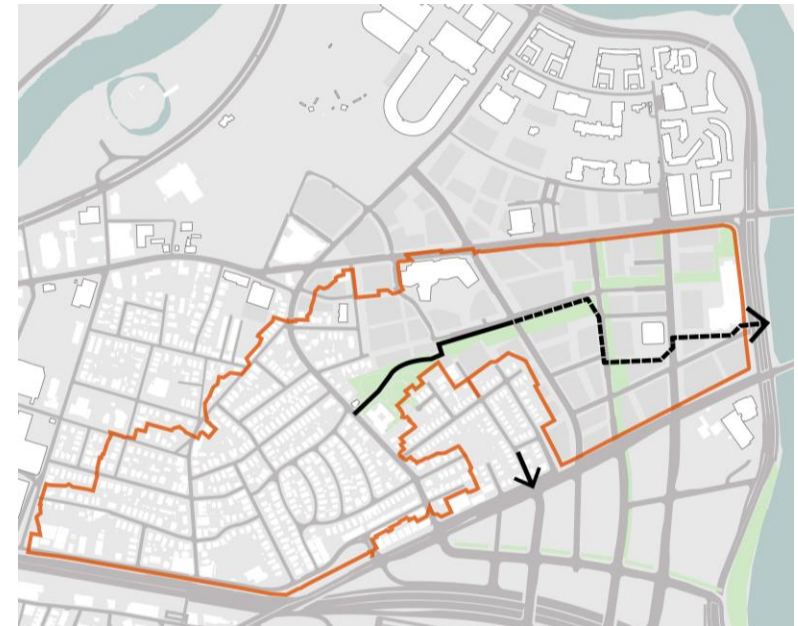
Drainage Wall & Bio-Infiltration Swale - Rena Park

Drainage

Infrastructure serves both neighborhood and ERC



Trunk Line within PDA



~Future Catchment Area & Trunk Lines

Extension of 72" storm line

- Initiated in 2007/2008
- Described in 2013 IMP

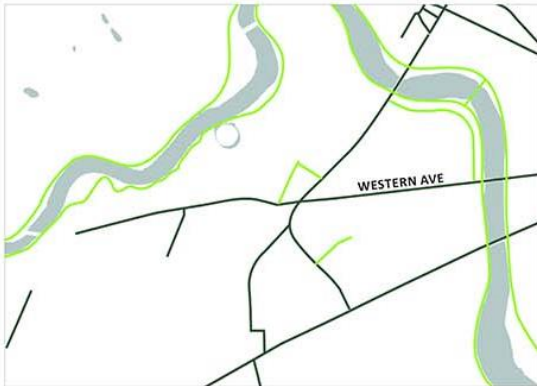
Transportation-Framework Plan

Complete Streets with pedestrian, bicycle, transit & vehicular accommodations



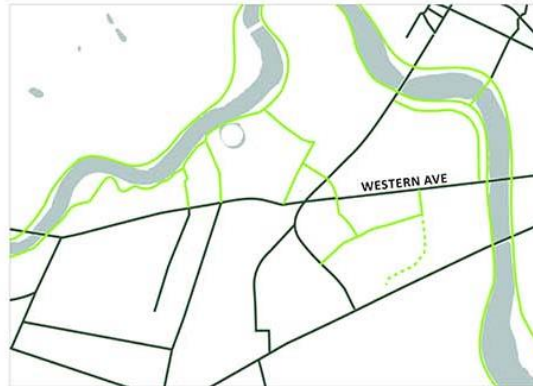
Bicycle Facilities

2017



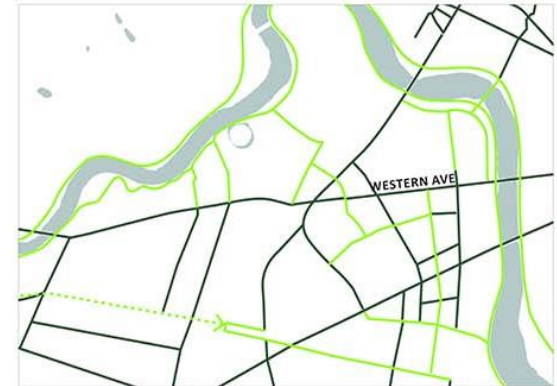
- Continuum/Smith Field Path
- Rena Path
- John Weeks Bridge

SEC + ERC PDA



- Science & Engineering Complex
- ERC Planned Development Area

Long-Term Framework



- DOT Project Complete
- Area-wide improvements

Per discussion at 2/26/18 IAG meeting graphic is being updated

- BIKE PATH (TWO-WAY, OFF-STREET)
- BIKE LANE / SHARROW / CYCLE TRACK (OFF-STREET OR SEPARATED)

Separated Bicycle Facilities



Stadium Rd – Curb Level Two-Way Path



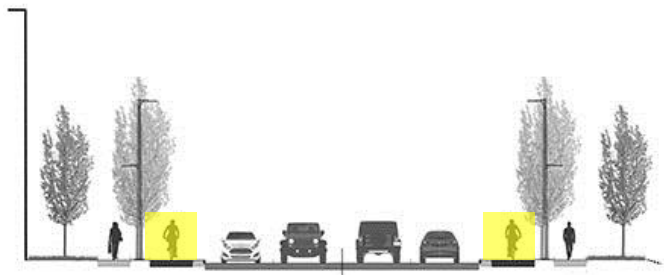
Western Ave - Curb Level East-Bound/
Street Level w/ Protected Parking Lane West-Bound



Cattle Dr – Curb Level Two-Way Path



Science Drive - Two-Way Path along Greenway



East Dr – Curb Level One-Way Tracks

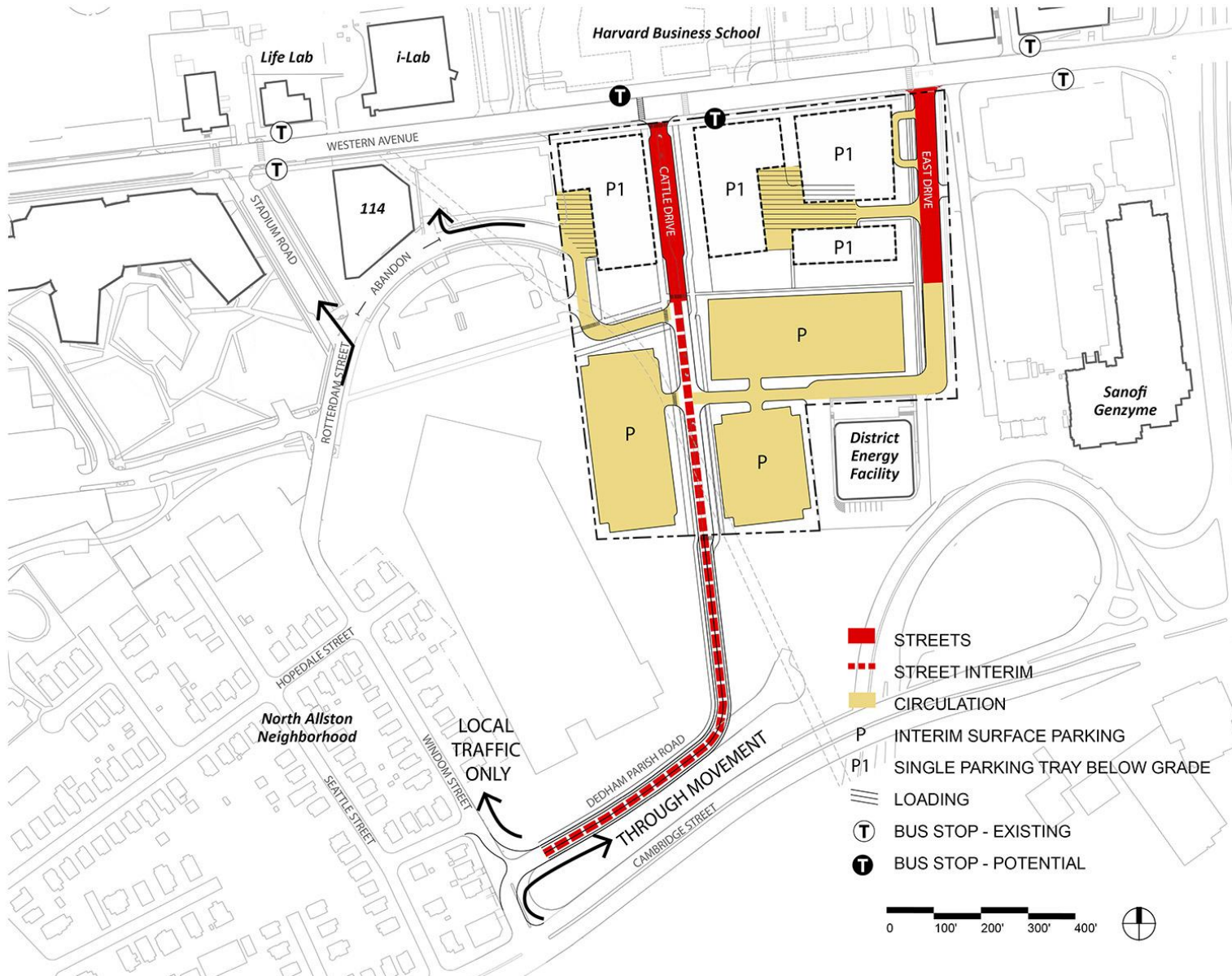


North Connector – Curb Level One-Way Tracks

Transportation

- Cattle Drive (from Western Ave to Science Dr) part of PDA
- Windom Street by-pass with first development
- Direct connection to Cambridge St would be possible only when Cambridge St is brought to grade
- Advocacy for additional transit service
- Parking built as demand emerges
- Ongoing coordination with BPDA, BTD, DOT, DCR, MBTA
- Separated bicycle facilities along all new streets
- Rena Path connected to Western Avenue at multiple points

Transportation - PDA Plan



Process of Transformation

