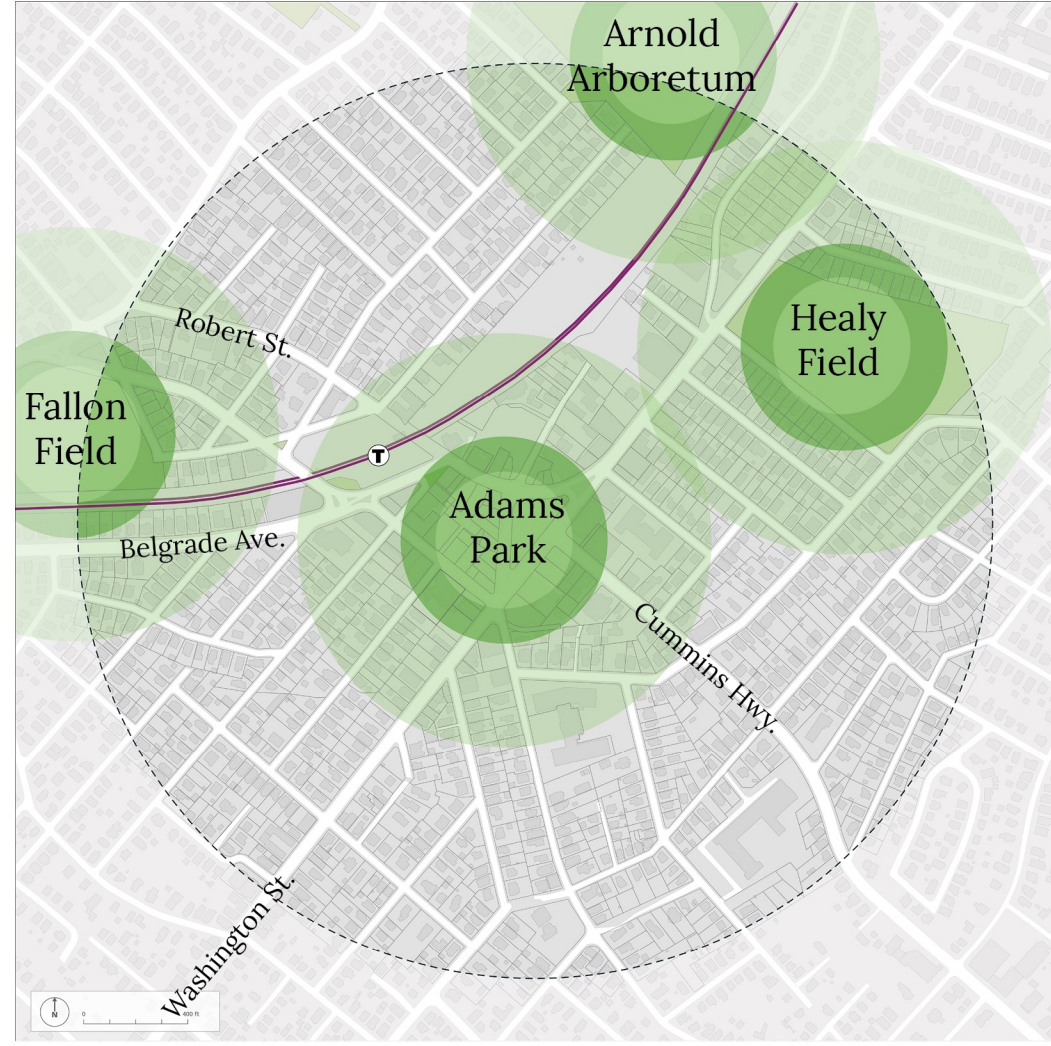


# OPEN SPACE + RESILIENCY

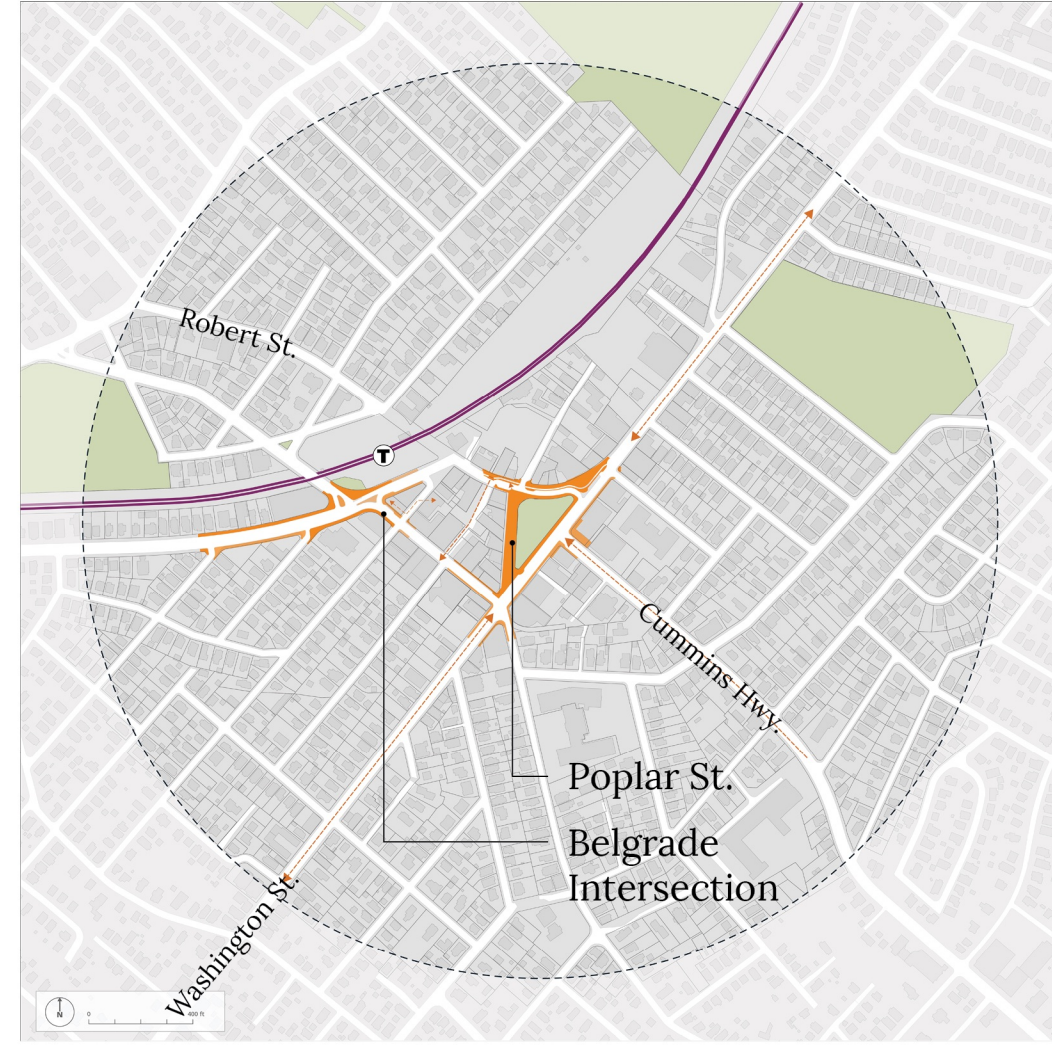
## OPEN SPACE FRAMEWORK

The expansion of Roslindale Square's open space network will create connectivity and build resiliency.

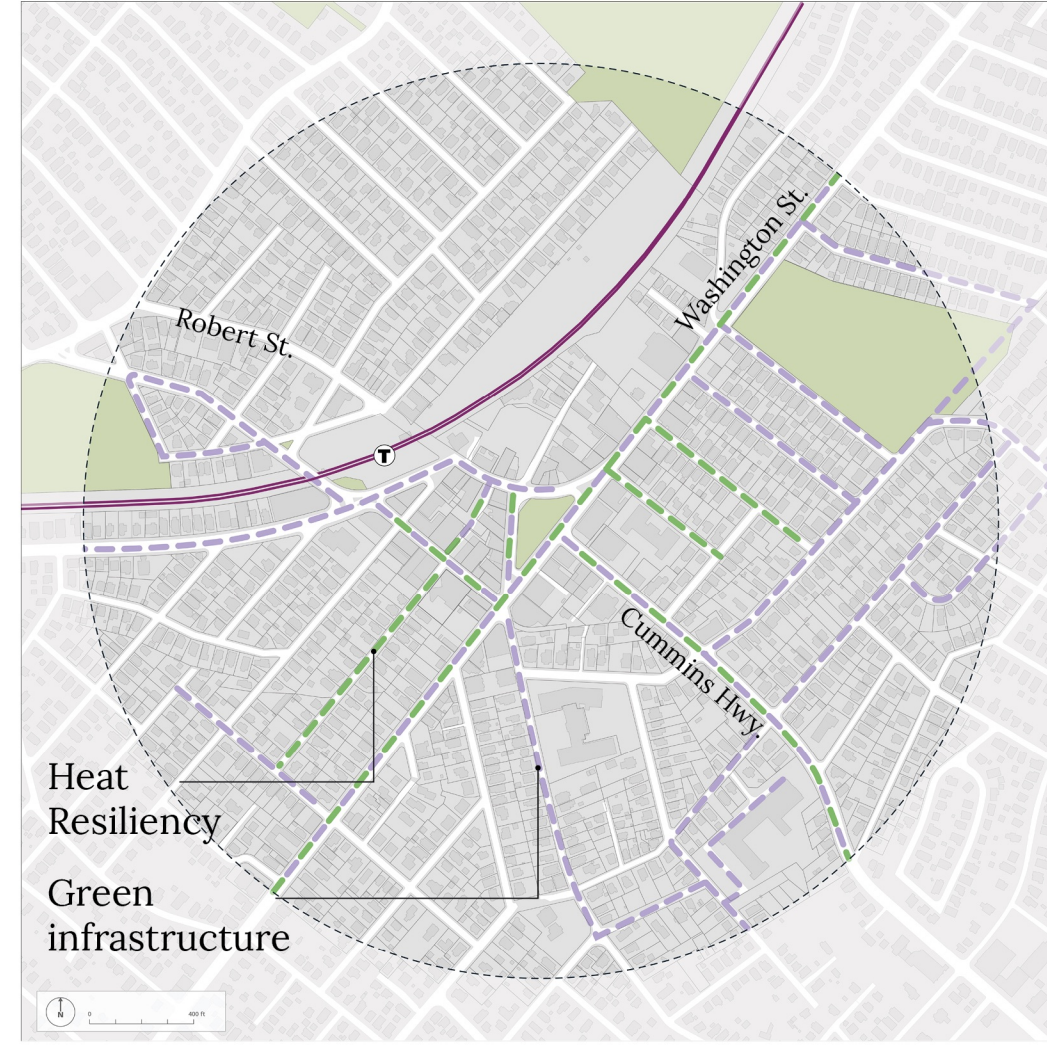
### EXISTING OPEN SPACE



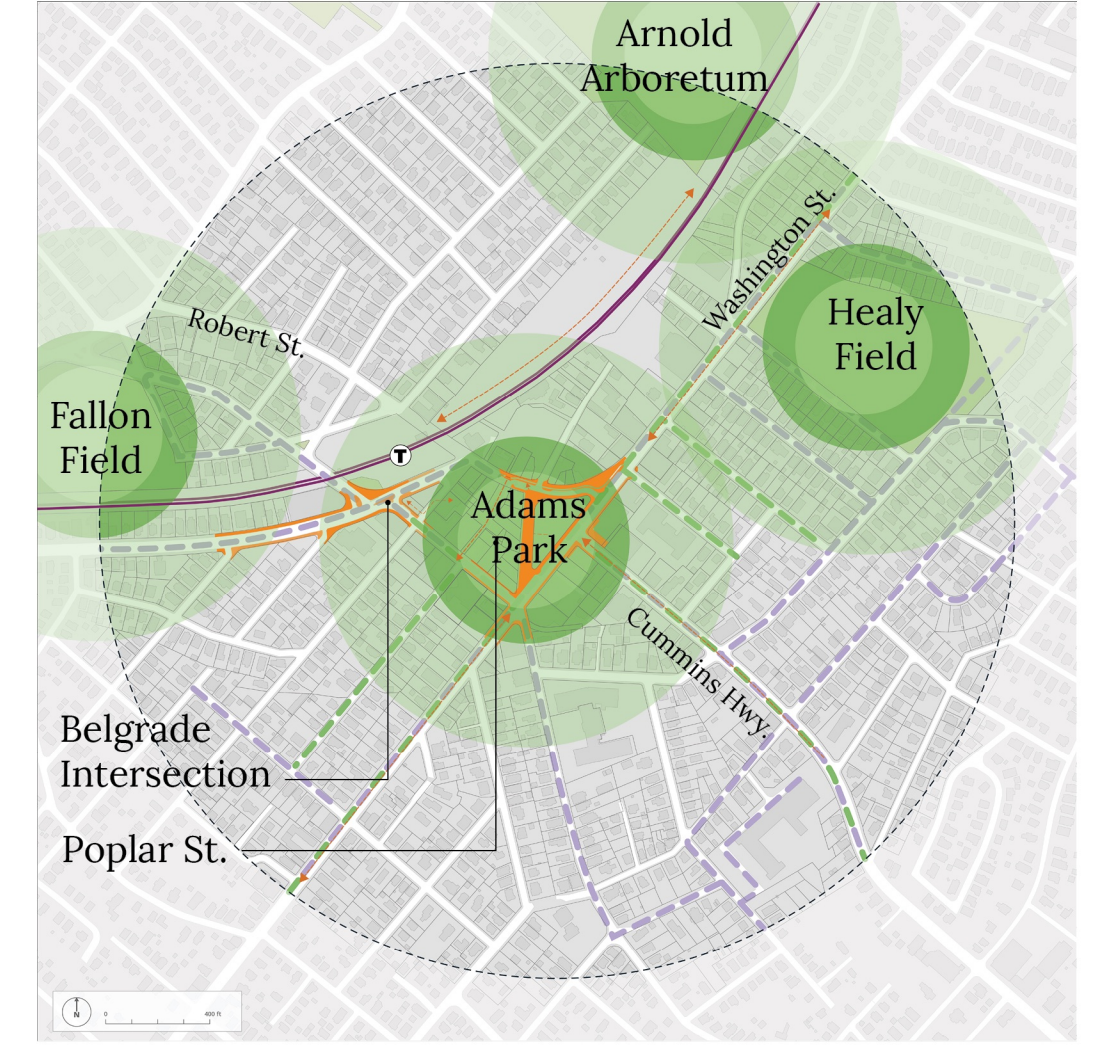
### PUBLIC REALM EXPANSION



### RESILIENCY

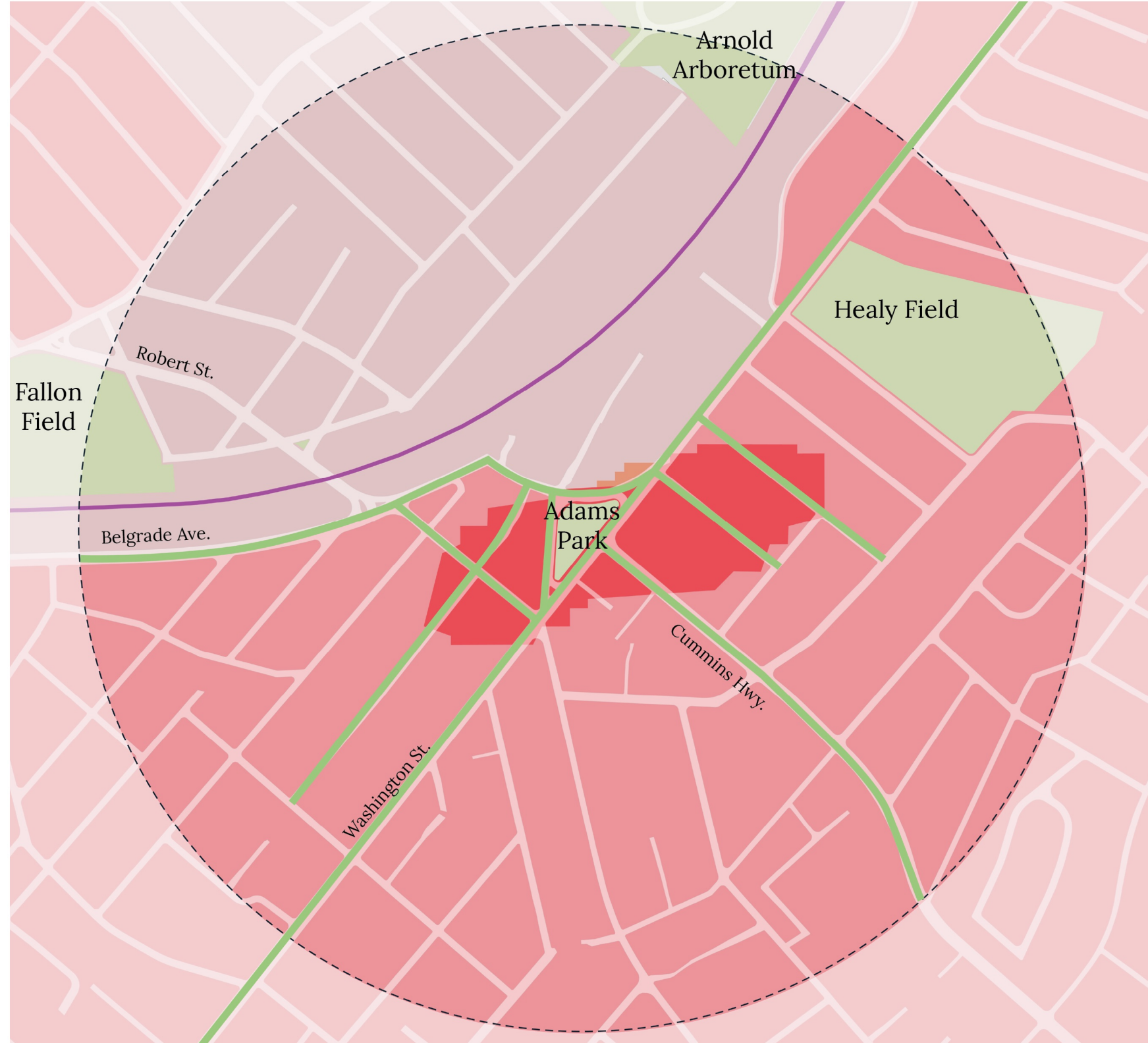


### OPEN SPACE FRAMEWORK



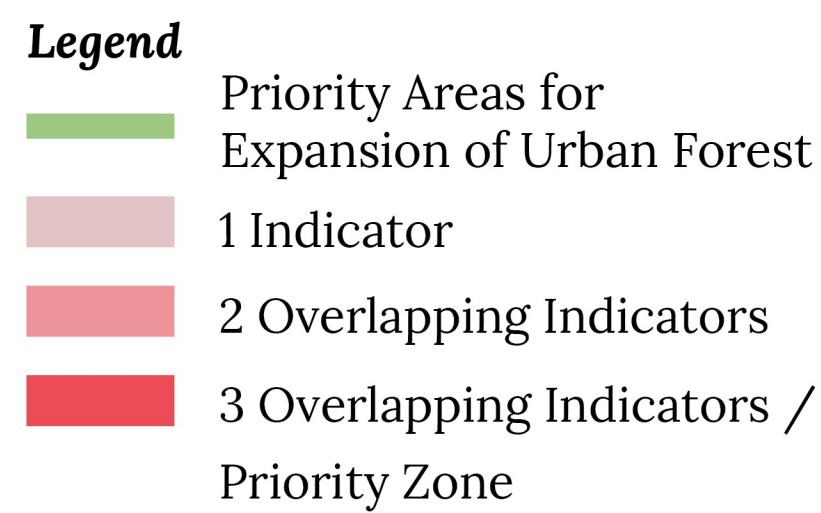
## HEAT RESILIENCY

Heat Resilient strategies should be prioritized in the area of the Square that is considered a priority zone in the Urban Forest Plan. This includes street tree planting, roof treatment, shade structures, increased planting, green infrastructure, and light colored pavement selection. Street trees were the most requested from the community.



This map illustrates the Priority Zone identified in the Urban Forest Plan for Roslindale Square. Priority Zones are areas where with three or more overlapping indicators:

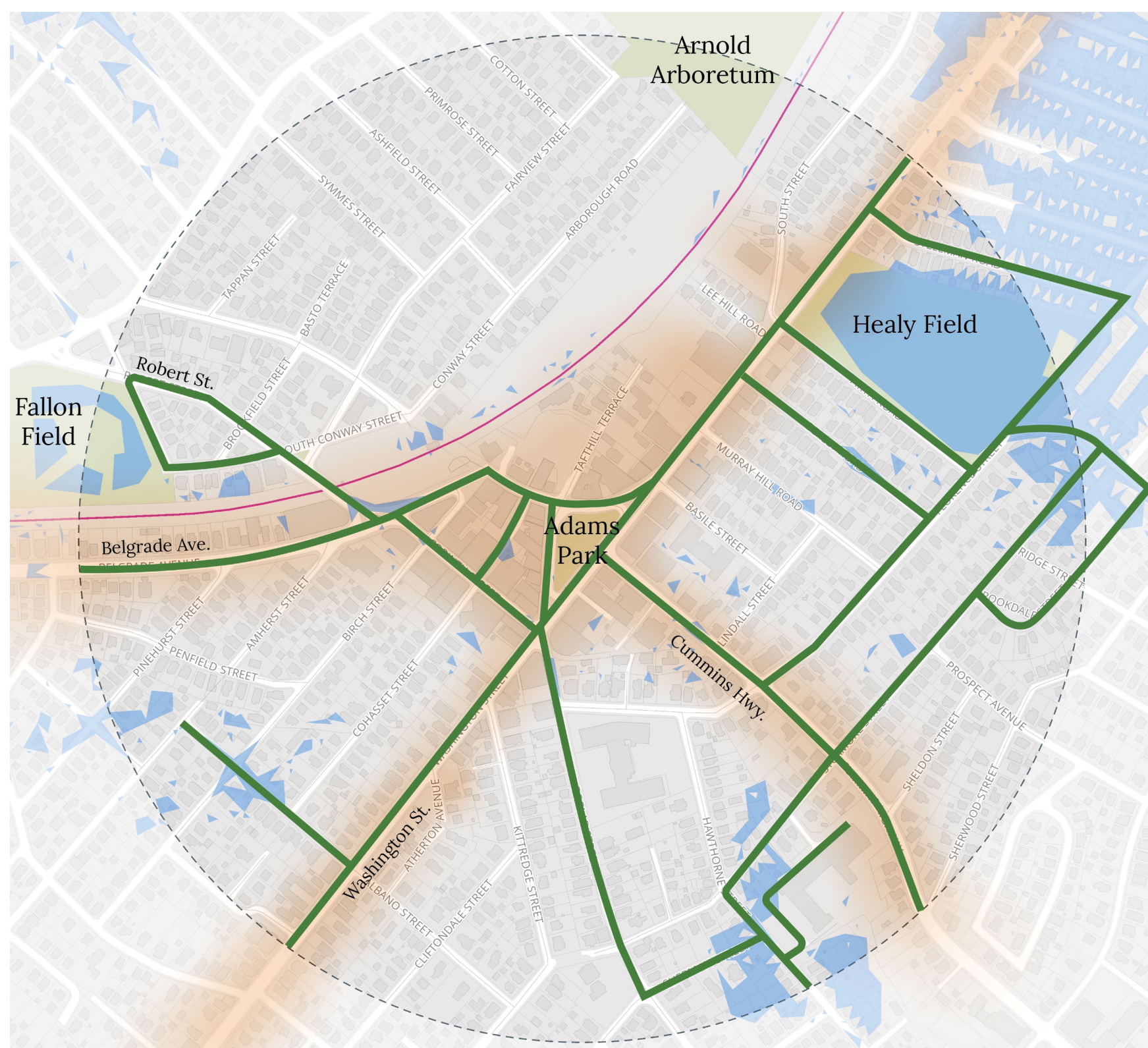
- Environmental Justice Census Blocks
- Low canopy
- Heat Event Hours
- Historically Marginalized Areas



Source: Urban Forest Plan, City of Boston, 2022

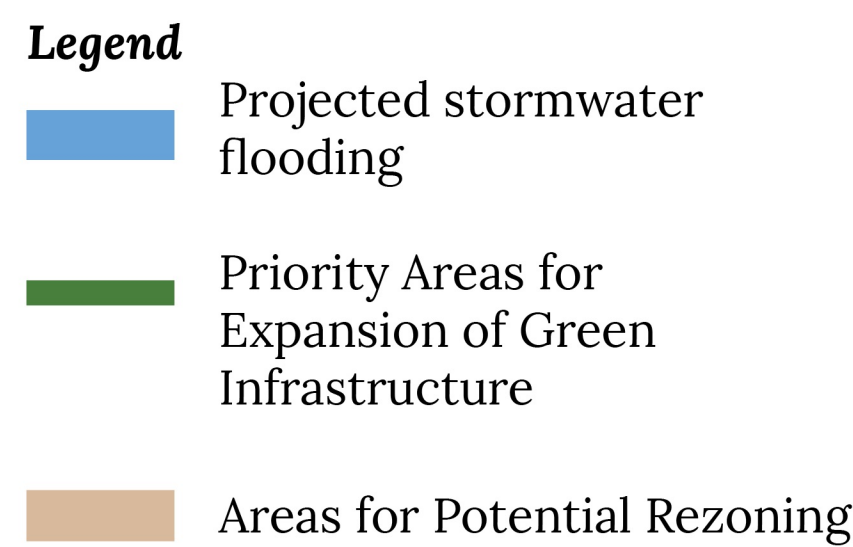
## GREEN INFRASTRUCTURE

Green Infrastructure should be prioritized in all public realm improvements. Through development, outdoor amenity space and investments in the public realm should include street trees, tree trenches, bioswales, and porous pavement.



This map illustrates the approximate stormwater flooding extents from a 10-year, 24-hour rainfall event under various climate conditions, due to combined future sea level rise and extreme precipitation (5.6-inch, 5.8-inch, and 6-inch rainfall).

Source: Boston Water Sewer Commission Wastewater Facilities Study, 2021



Zoning districts should be mapped to create opportunities for increased sidewalk widths through setbacks, in order to provide room for these elements as well as outdoor seating and community gathering spaces.



One priority area within the plan are the streets surrounding Healy Field (Florence, Firth and Washington St) to alleviate the stormwater issues in this part of the neighborhood. This work is largely in a residential area and will not see large scale new development. These improvements should be city led in coordination with the Arboretum stormwater storage capacity study.

