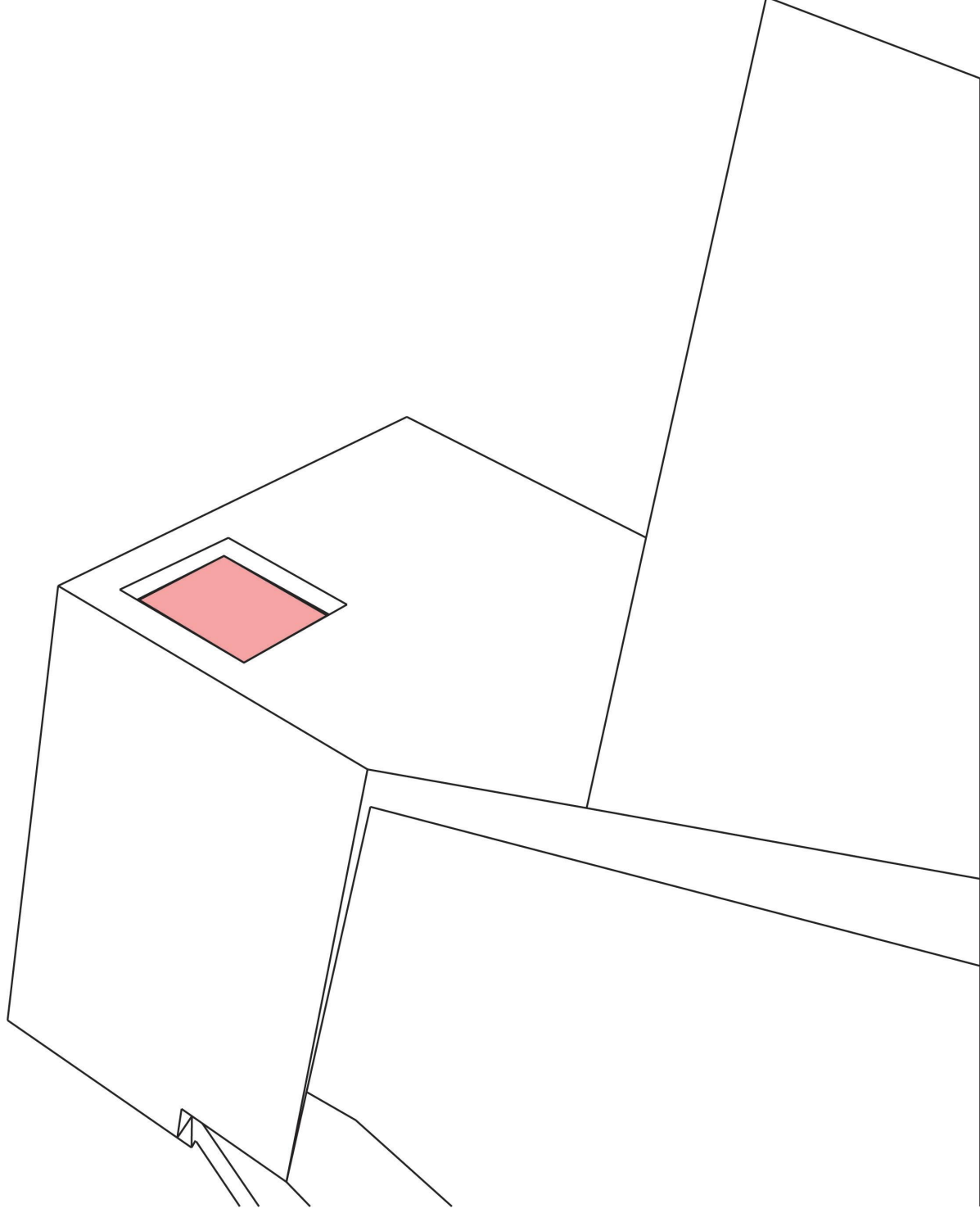


GRADUATE SCHOOL PLANNING PORTFOLIO

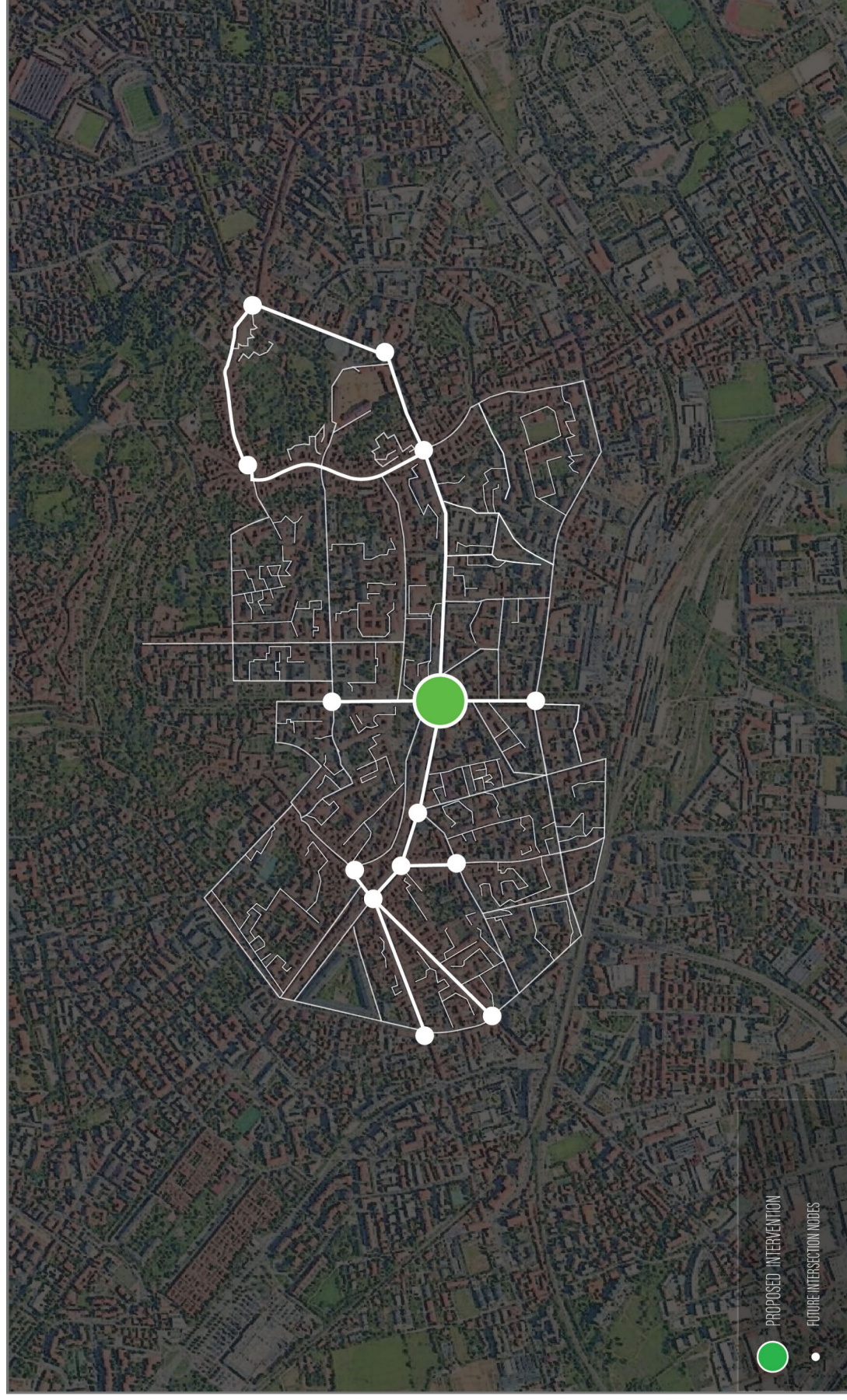


Cam McCutchen

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INTERSECTION DESIGN



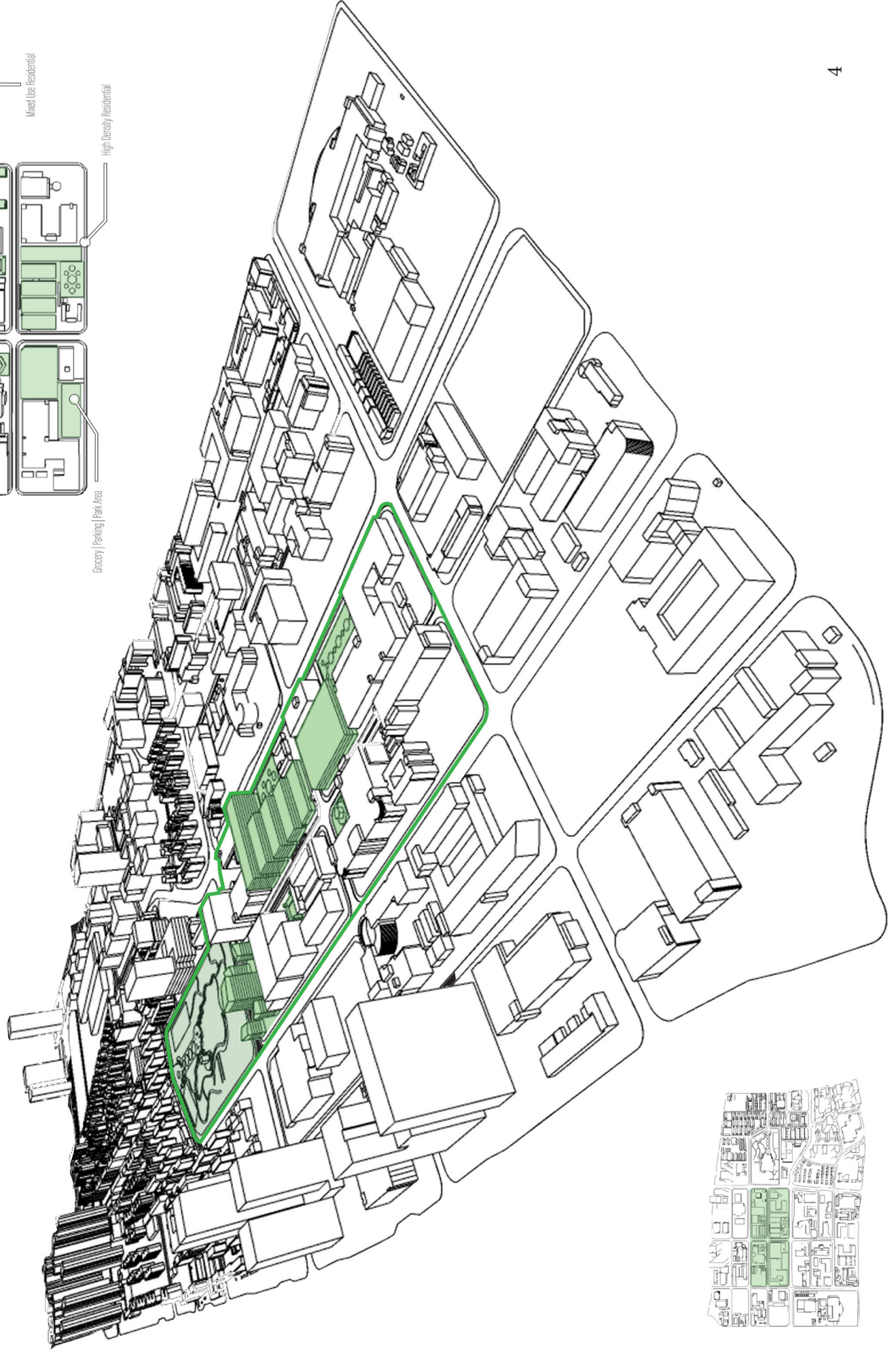
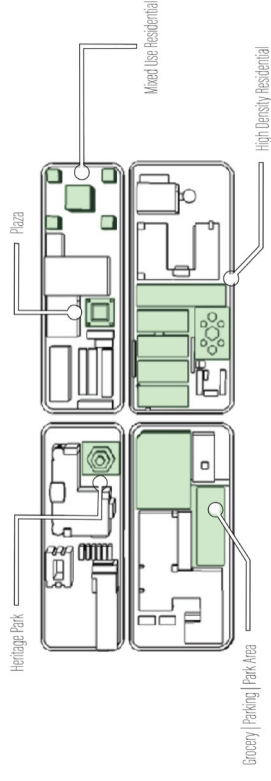
INTERSECTION DESIGN



INTERSECTION DESIGN

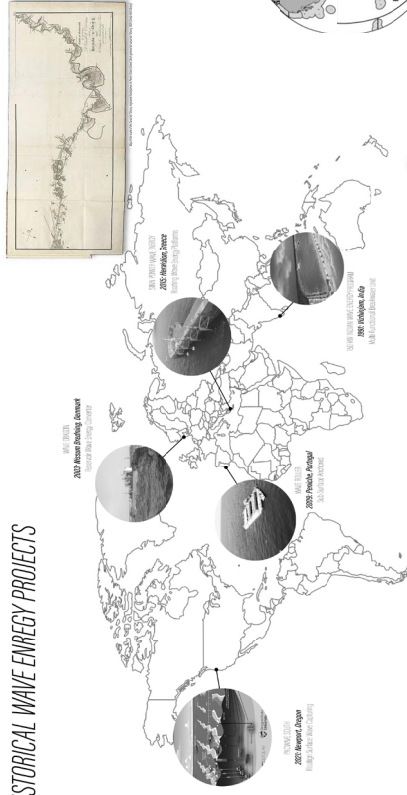


INFILL OPPORTUNITIES



WAVE ENERGY MAPPING AND DESIGN

HISTORICAL WAVE ENERGY PROJECTS



POLITICAL STAKEHOLDERS

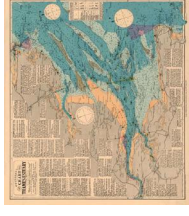
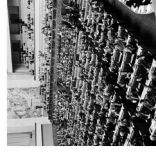
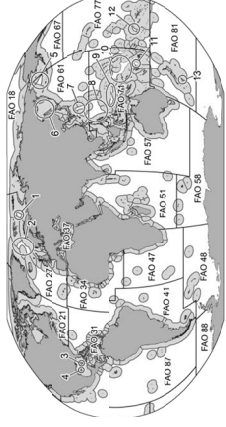
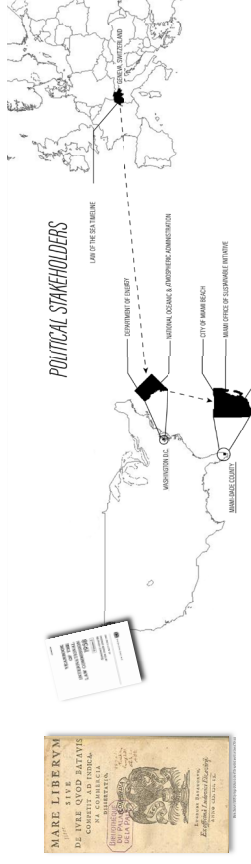
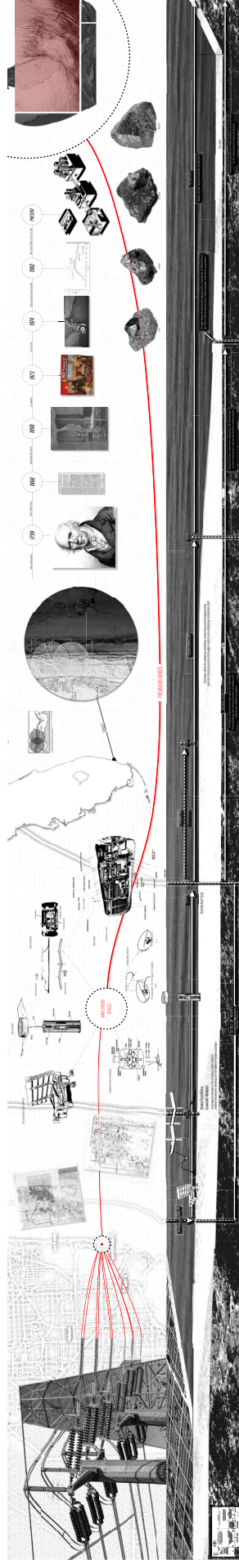
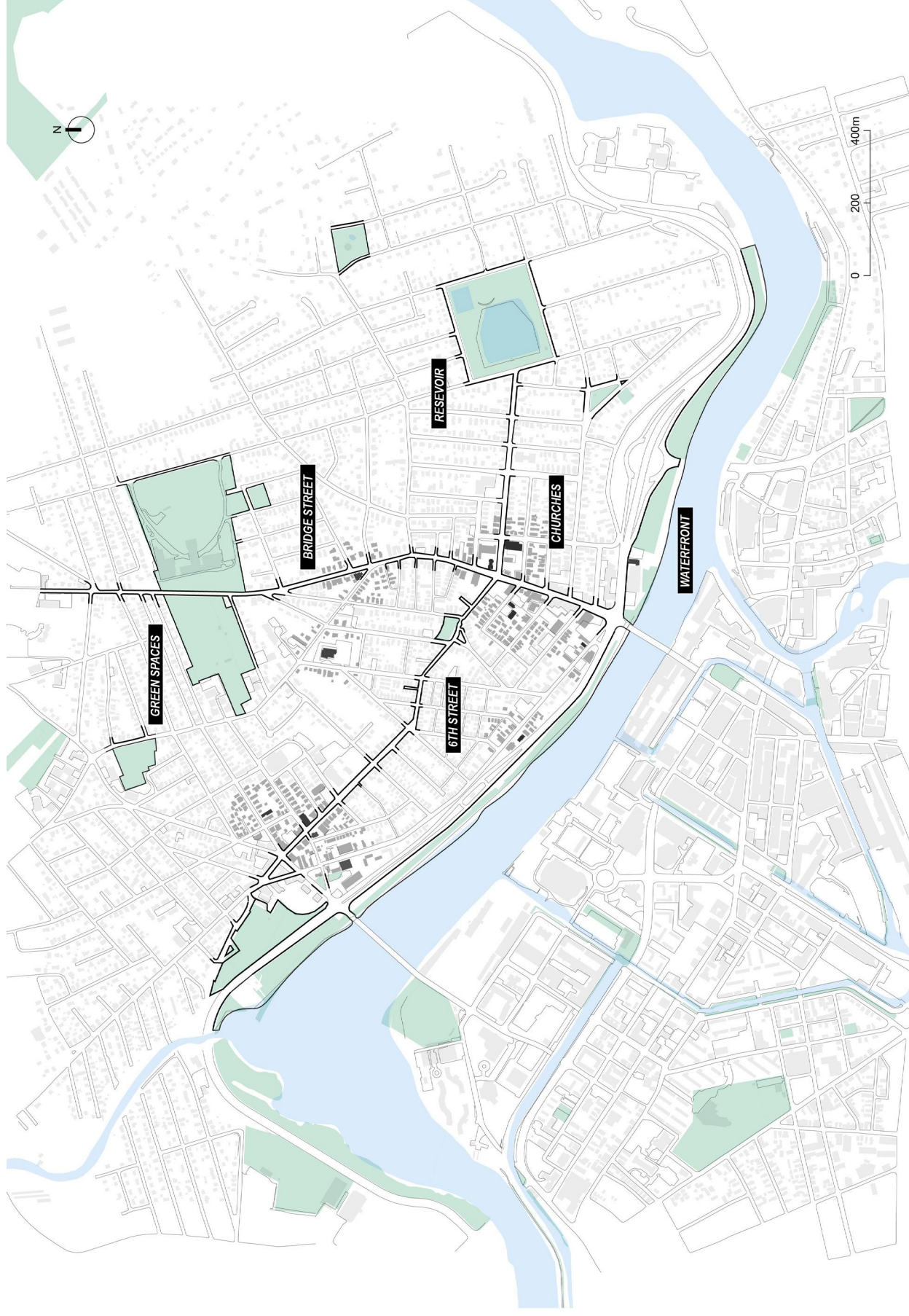


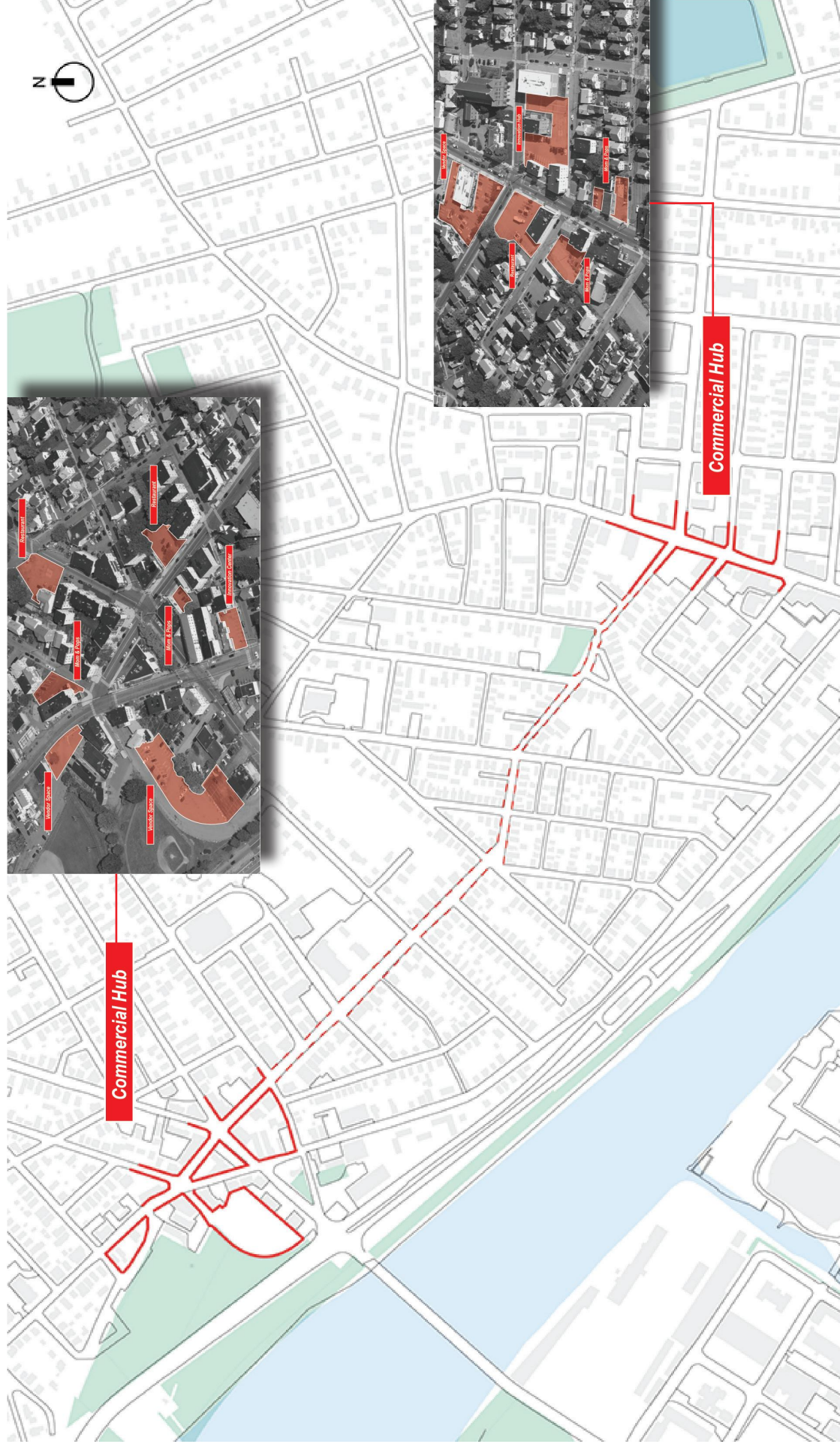
Fig. 2. An illustration of the heavy sphere used as a wave energy absorber in this work. Its radius r is 5 m and it is semi-submerged at its equilibrium position, i.e., the mass $-d \cdot \pi r^2/3$. A power take-off system (PTO) is connected between the sphere and the wave absorber.



RETAIL CORRIDOR REVITALIZATION



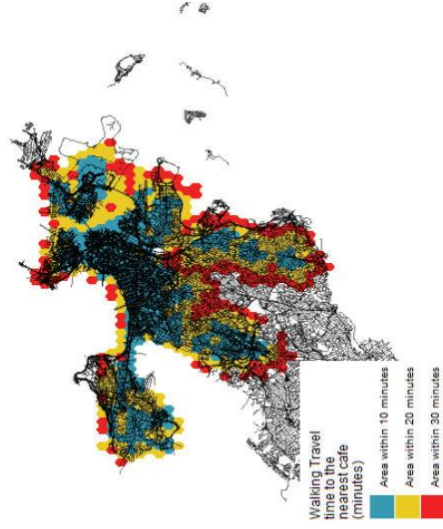
RETAIL CORRIDOR REVITALIZATION



TRAVEL TIME MAPS

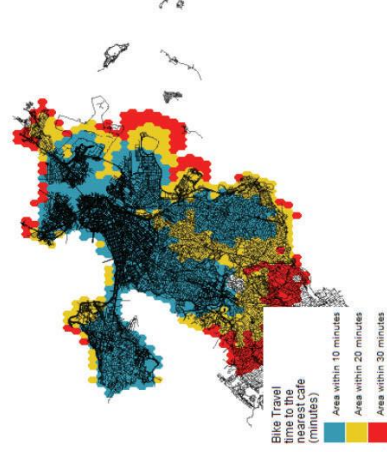
Walking

The map shows the time it takes to walk to the nearest cafe in Boston. Unlike the first map, the walk time is divided into categories, thus increasing readability. This makes it easier to see that parts of South Boston and Roxbury also have relatively poor access to cafes, in addition to the neighborhoods identified as lacking access in the description for the first map.



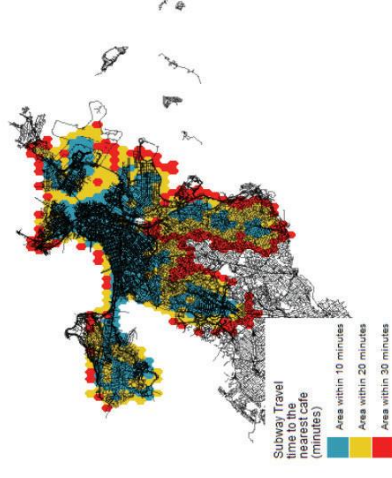
Biking

The map shows the time it takes to bike to the nearest cafe in Boston, using the categorical (rather than continuous) scale. The color scheme and clear delineations of travel times in the map make the short travel times in the Downtown core neighborhoods more clear than in the first set of maps. Also, this map makes it clear that the part of Roxbury with relatively few cafes corresponds closely to the Blue Hill Ave. corridor.

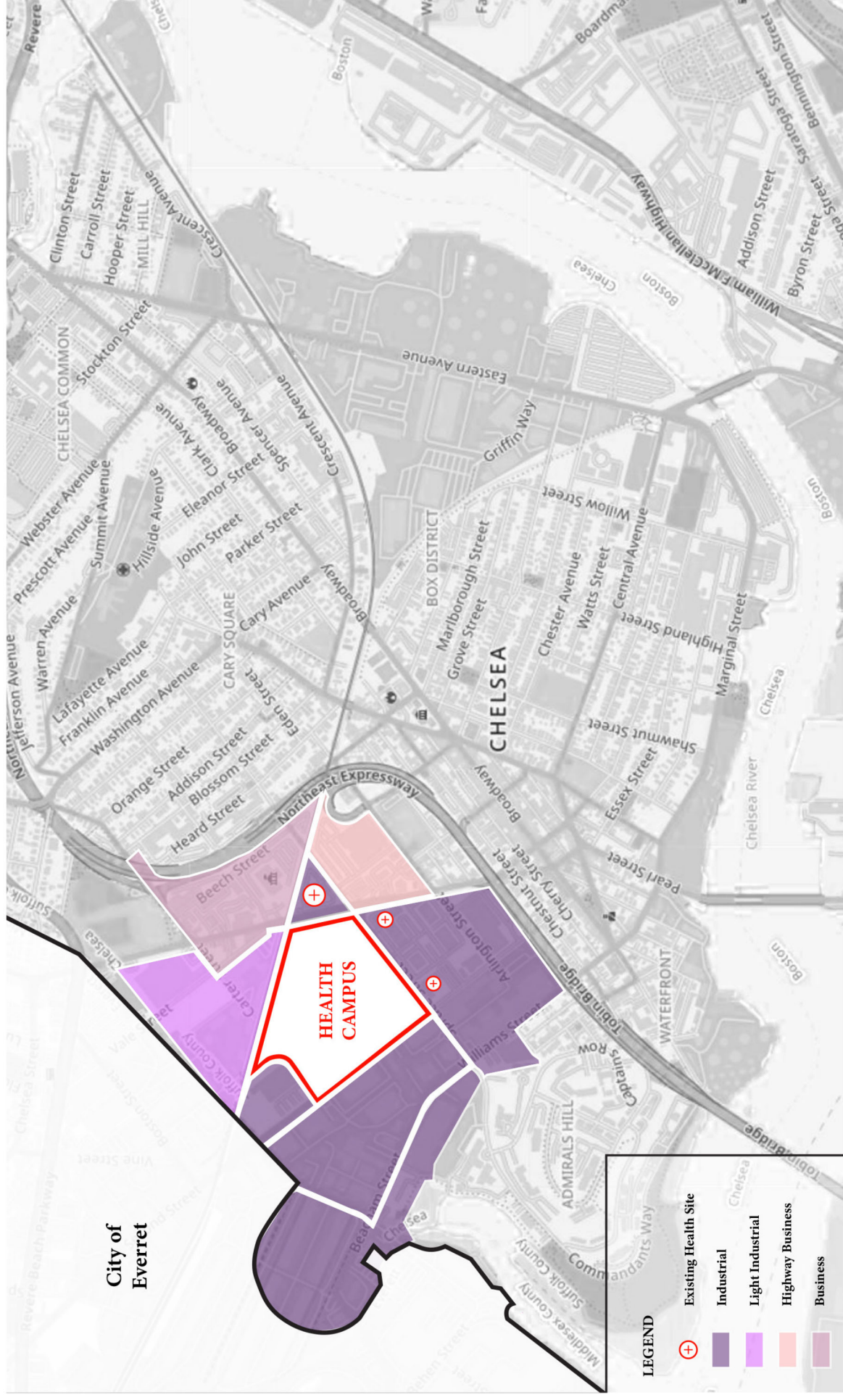


Subway

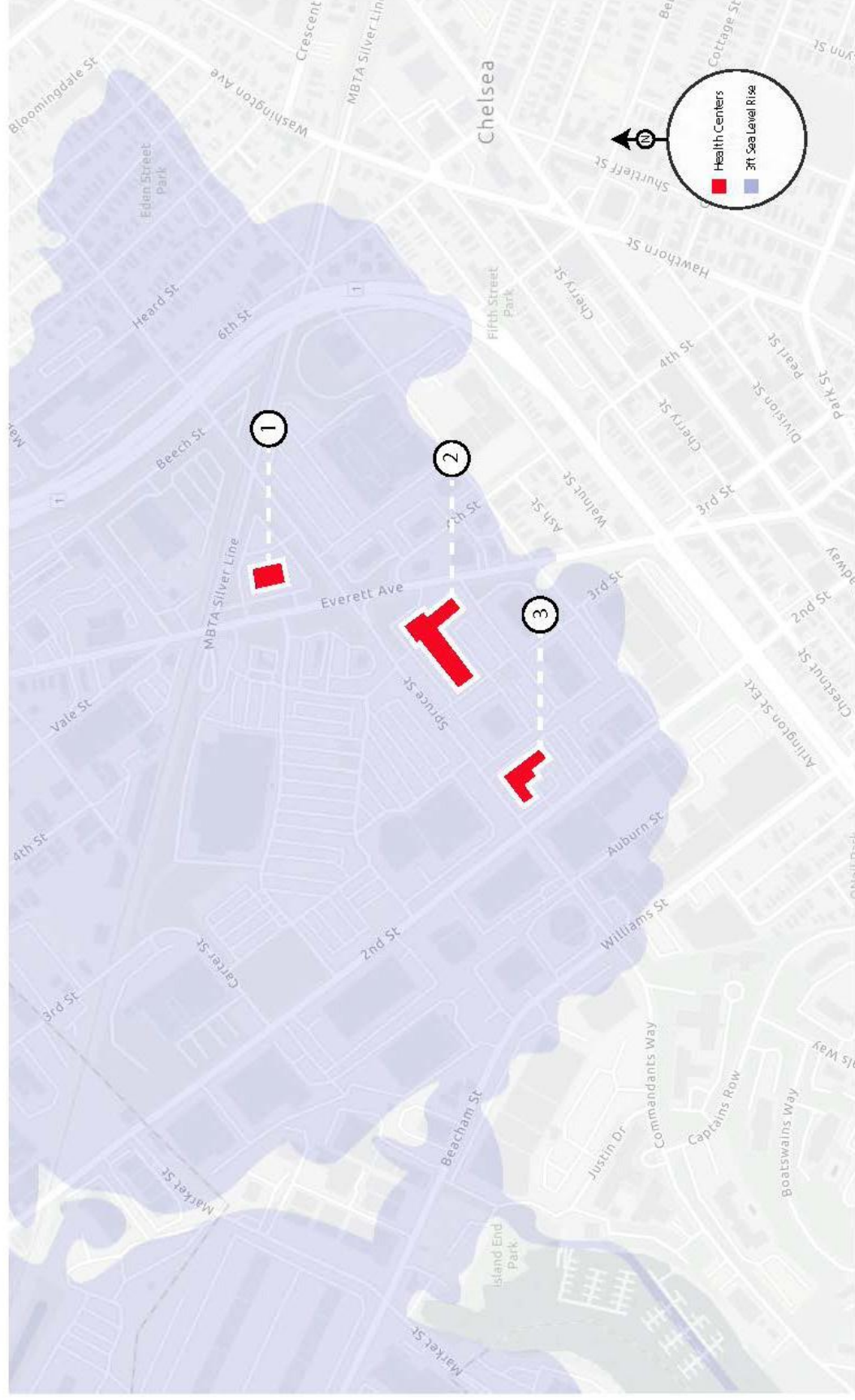
The above map shows the time it takes to ride the T to the nearest cafe in Boston, using the categorical (rather than continuous) scale. The distinct north-south oriented blue areas in Jamaica Plain and Dorchester clearly correspond to the Orange Line and Red Line, respectively. Also notable is that many of the outlying neighborhoods of Boston (West Roxbury, Hyde Park, Mattapan) cannot easily access cafes via the T.



HEALTHCARE CAMPUS DESIGN



HEALTHCARE CAMPUS DESIGN



In this site plan we see the physical orientation of 3 health centers within the Chelsea community. Further evaluation of this map draws attention to the relationship between the health centers and the predicted 2070 3ft sea level rise within the Chelsea community.

- ① Urgent Care ~ 67,500 sf
- ② Doctor Offices ~ 150,000 sf
- ③ Health Enrollment ~ 46,000 sf

WATERFRONT STUDY



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