

51 Melcher Street

Fort Point, South Boston, MA

Design Review – Streetscape Improvements

MAY 11, 2023



Summary of Status

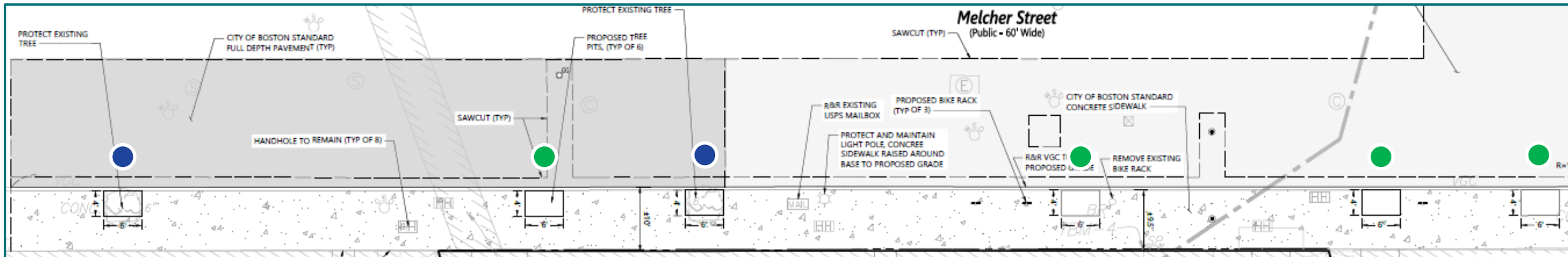
- March 2023 – Streetscape improvements Approved with Provisos:
 - Sensor pads be red in color vs. the yellow
 - Update: Upon inquiry, the City of Boston required yellow tactile pads
 - Bike rack material is a raw galvanized metal
 - Update: The finish will be kept as raw galvanized metal as requested
 - Finally, a Continuance regarding the tree planting: applicant must return to the Commission with a tree planting detail as well as an explanation of the existing and proposed tree species as well as the proposed tree pits.
 - Please see the following slides for requested information
- Previous building and site improvements approved March, April, and November 2022



Existing Melcher Street tree pits.

Tree Pits

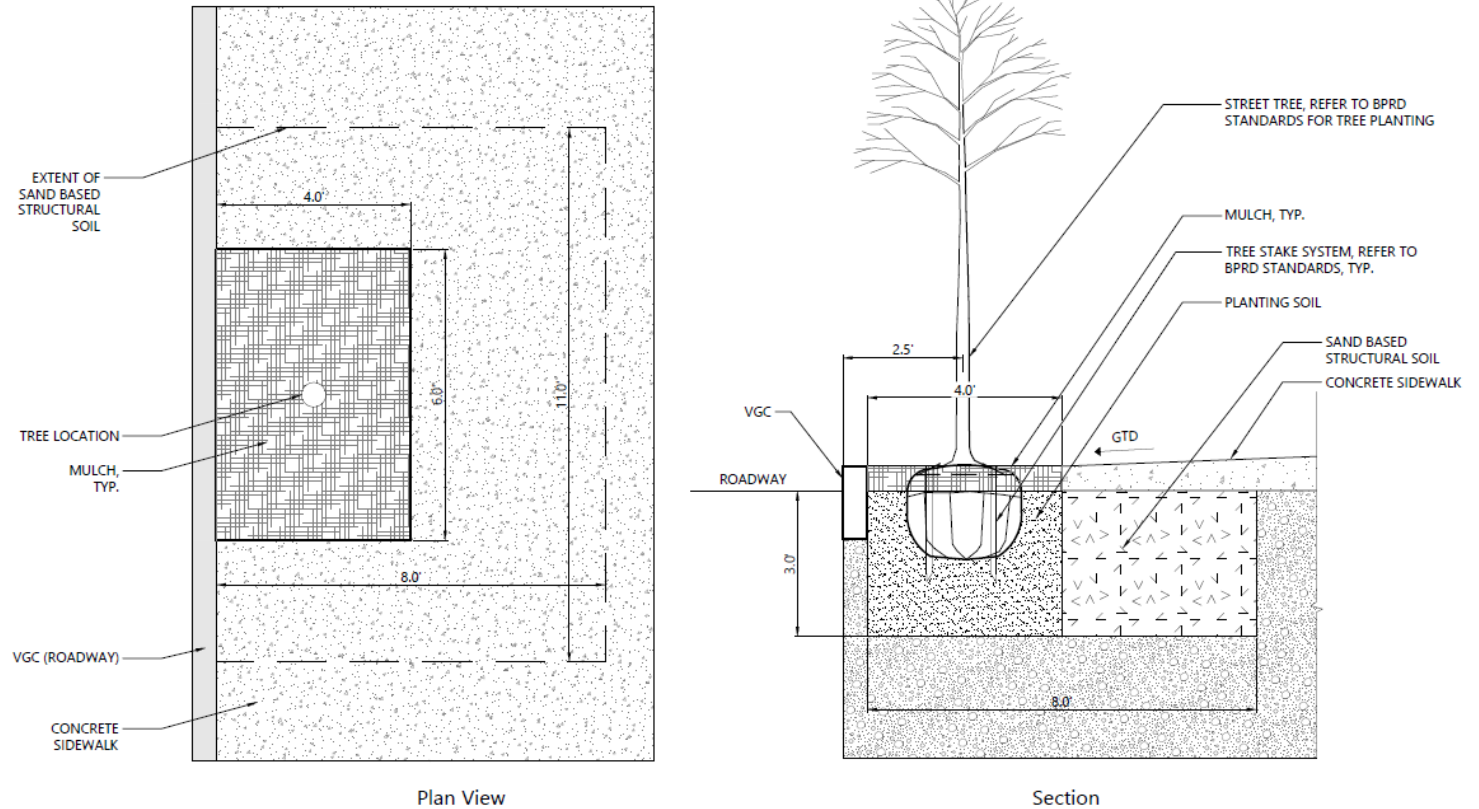
- Existing:
 - Two existing trees to be retained
 - Ginkgo biloba
 - Improvements to tree pits to meet PWD Roadway Design Standards and Guidelines: 6 ft. width x 4 ft. depth, abuts curb resulting in net gain in sidewalk pedestrian space



● New Tree Pit ● Existing Tree Pit

Tree Pits

- Proposed:
 - Four new tree pits
 - Acer rubrum 'Bowhall'/Bowhall Red Maple
 - Chosen from list of BPRD-approved trees, choice endorsed by BPRD April 2023
 - Native; tolerant of pollution, compaction, urban conditions; fares well in shade
 - Narrowest of columnar Red Maple cultivars, 10-15 ft. diameter canopy
 - Sand-based structural soil extending under sidewalk – more access to water and oxygen than standard 4 ft. x 6 ft. tree pit
 - Larger volume of soil = healthier root zone
 - Bark mulch will improve moisture retention



Melcher Street Tree Pit Detail

N.T.S.

Source: VHB

LD