



May 14, 2024

The Honorable Tyisha Walker-Myers  
President, Board of Alders  
City of New Haven  
165 Church Street, 2nd Floor  
New Haven, CT 06510

Re: Order of the Board of Alders of the City of New Haven Implementing a Bollard Installation at 65 Broadway

Dear Alder Walker-Myers,

We are pleased to submit, for the Honorable Board's review, the attached proposal for a "Bollard Installation Project," which represents a proposed installation of security bollards installed in front of the Apple Store at 65 Broadway Street, in Downtown New Haven. We respectfully request that the Honorable Board of Alders of the City of New Haven accept this submission for its consideration.

Apple—tenant at 65 Broadway, as the applicant—is proposing a bollard installation project at the frontage of 65 Broadway, consisting of (12) crash-rated bollards with granite sleeve covers. The proposed bollards are to be located between the existing curb and existing storefront, aligned with the existing trees and tree grates. The design intent is for the bollards to match the aesthetic and character of the existing Broadway Streetscape. To that end, the bollards are sleeved in a granite design which matches the existing bollards on Broadway. The bollards are also aligned with the existing street furniture along Broadway.

The purpose of this project is to provide protection to customers, employees and others from vehicular collisions, both accidental and intentional. Recently, not only we, but many retailers nationwide, have been impacted by vehicular collisions resulting in theft, property damage, bodily harm, and even death. The safety of our employees and customers is paramount to this project.

This project will be installed by third-party contractors, McCue Corporation and SP Consulting, Inc. The bollards will be placed with 4'-0" clear between each, or 4'-10" on center, with exception of the bollards flanking the existing tree grate. These bollards will not conflict with the existing tree grate, but be installed directly adjacent to the tree grate, with 6' 1-5/8" clear. Existing utilities and street furniture have been surveyed and accounted for in the proposed design, and we will coordinate with the City should any conflicts be found during installation.

The following is the bollard installation process:

1. Layout bollard locations and cross reference with approved plan.
2. Remove bricks from affected area by hand.
3. Use a 12" core drill to drill through the concrete.
4. Use a vac truck to help remove all dirt and rock from hole.
  - Resulting hole will be 10" wide and 42" deep.
  - Using a vac Truck is less invasive than digging.
5. Place the rebar cage into the hole.
  - Site 3" from ground level.

6. Lower the bollard core into the cage.
7. Mix and pour concrete.
  - Approximately 2 cubic feet per bollard.
  - 3,000 PSI minimum.
8. After concrete is set, place granite covers on top of bollards.
9. Replace bricks, cutting brick to fit around bollards, as necessary.
10. Clean and power wash worksite prior to leaving completed job.

The project budget is approximately \$125,000, installation will take 4-5 days. During this time, the affected work area will be cordoned off, so as to limit impact on vehicular and pedestrian traffic patterns. Pedestrian access along Broadway and to the Apple Store will be maintained during installation. In addition, Apple proposes to bear the entire cost of this project's installation and maintenance.

We look forward to working with you and the rest of your colleagues on the Board of Alders on this request. Thank you for your time and attention to this matter.

Sincerely,

Zane Ward  
Development Manager

Apple  
Real Estate & Development  
1 Apple Park Way, 319-6DEV  
Cupertino, CA 95014

Attachment: 65 Broadway - Design Package

Cc: Barbara Montalvo, Mayor's Office  
Michael Piscitelli, Economic Development Administrator