

273 Beacon #3 EV charger plan

Joshua Marantz

jmarantz@gmail.com

617-383-9536

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Changes since December 8th presentation

- PVC Enclosure → Wood Enclosure
- PVC Conduit → Metal Conduit
- Enclosure Recessed into brick wall
- Describe Option 2: conduit underneath underneath concrete wall cap
- Describe Option 3: conduit through interior of brick wall (if possible)
- Sample painted conduit shown
- Drawings with measurements
- Proposal

273 Beacon

Existing Aerial View

- Unit #1's private patio prevents direct access to power for spot #3



Parking Spot

- Private patio for unit #1 behind wall
- Left edge of patio wall flush with property line



Conduit Option #1 with Wood Cabinet Enclosure

- 18x38 cabinet
- Charger & cable locked & hidden
- Conduit run 12" above ground



Conduit Trench option 1

- Power supply in basement
- Wall footing, drainage, and proximity to neighbor's property prevents trenching all the way to charger



Painted Conduit over brick

- 1" metal conduit will be slightly smaller than PVC
- With brick sample we can match paint to brick better



Conduit Option #2 with Wood Cabinet Enclosure

- 18x38 cabinet
- Charger & cable locked & hidden
- Conduit run under concrete wall cap



Conduit Trench option 2

- Conduit climbs edge of wall
- Routes under wall cap



Painted Conduit under concrete wall cap



Conduit Trench option 3

- Power routed through the wall
- **Likely not possible** as walls this tall are typically built with brick over cement
- We will know for sure when we cut the bricks to enable cabinet insertion
- We seek approval without this option



Cabinet access to charger cable



Cabinet is closed and locked when charging



Proposal

1. Request approval for Conduit Routing Option #1
 - Other Unit Owners also prefer Option #1 over Option #2, as conduit will be less visible
 - Conduit run will be hidden by parked vehicles
 - Conduit painted to match brick
 - Due to water/drainage, it is better for the power conduit to enter the cabinet from the bottom
2. Build the wood enclosure
3. Cut hole in brick wall for enclosure
4. Determine if conduit can be routed through wall, which would be the most desired outcome, but otherwise Option #1 will be executed if routing is impossible