South End Landmark District Commission Hearing

Table of Contents

Existing Conditions
- Review Existing Site + Context
- Review Existing Conditions Photographs

Proposed Design
- New Front Dormer Elevations and Renderings
- New Rear Dormer Elevations and Renderings
- New Rear Roof Deck Renderings

Product Specifications
- Roof Access Hatch Specifications
- Proposed Materials
Existing Site Conditions
Existing Front Photographs

6 07/05/2022 133 West Concord Street joethearchitect.com
Existing Rear Photographs
Proposed Design
Design Precedent View for Front Dormer (121-123 West Concord)
Existing and Proposed Front Elevations (NTS)
Existing and Proposed Rear Elevations (NTS)
3D View - Rear Deck
Transect to show no visual permeance of roof deck from West Concord
Product Specification
Railing Details + Dormer Sections (NTS)
Rainwater Mitigation Strategy Details + Bench Sections (NTS)
Double Glazed Roof Hatch DL 249
By Staka Roof Access Hatches

Detailed description:
Double glazed roof hatch which allows more daylight inside the building. The standard size is 2400 x 900 mm, making the hatch suitable for accessing the roof via a fixed staircase. Smaller sizes are available on request.

Sunlight reflective and toughened glass on the outside with fire resistant laminated HR++ (high efficiency) glass on the inside. U-value: 1.2 W/mK.

The roof hatch is electronically operated. The roof access hatch is fitted with two electrical motors with thermal protection and connected to the mains electricity. The operating module is fitted with an emergency power supply to allow the cover to be opened and closed in the event of a power cut. Once the roof hatch has been installed on the roof, connect the plug to the mains electricity supply and the hatch is ready for use. Only electrically operated roof access hatches from Staka are supplied with a remote control unit and an operation console on the roof hatch itself. The cover can be stopped in any desired position. The operating module features extra connection points as standard which allows for the connection to an alarm system, fire alarm system, smoke detector, rain sensor or storm alarm if required.

Fixed stairs:
- If a flat roof is accessed regularly, a roof access hatch in combination with a fixed stairs is an ideal solution.
- The fixed stairs are manufactured using high-quality aluminium and is made to measure. The staircase is fitted to the boarding under the roof hatch using half-mortise hinges. The stairs are fitted with one or two handrails.

Product guidance - As Standard
Size:
2400 x 900 mm.
Material:
Stainless steel AISI 1.4301 (304) or equivalent.
Upstand:
280 mm.
Colour/ Finish:
Powder coated white (RAL 9010) interior and exterior. Other colours available upon request.
Insulation:
- Rigid foam 53 mm (approximately) thick along the outside of the upstand.
- Glass: U-value: 1.2 W/mK.

Gas springs:

Material:
Stainless steel AISI 304 or equivalent.
Dimensions:
2400 x 900 mm clear width
Longest side = hinged side
Upstand: 280 mm.
Insulation:
Hard foam approx. 53 mm thick along the outside of the upright edge.
Installation:
Suitable for roof pitches between 0 to 25 degrees. Attachment using the roof access hatch mounting flange.

Electrical operation:
- High-quality motors with thermal protection.
- Equipped with emergency power supply.
- Supplied with remote control.
- Can be stopped in any desired position.

Windproof and waterproof:
Neoprene rubber between the upright edge and cover.

Maximum load:
Up to approx. 200 kg/m²

Weight:
± 250 kg

Safety features:
- Diagonal railing on inside of cover.
- Glass:
  - Sunlight-reflective and reinforced glass on the outside.
  - Fire-resistant laminated HR++ (high efficiency) glass on the inside.
  - Thermal insulation glass: U = 1.1 W/m²K.
- Surface paint:
  - Powder coated interior and exterior, colour RAL 9010.
  - Other colours upon request.

www.roofaccesshatches.co.uk
Material Palette Sheet

Vermont Slate Co. - Best Match TBD

Bellaforte Composite Slate - Best match TBD

Custom Railings on Roof Deck (NTS)

Copper Gutters Where Applicable
Thank You!