1. The undersigned hereby applies to the Half Crown-Marsh Neighborhood Conservation District Commission for a Certificate of (check type of certificate): ☐ Appropriateness, ☐ Nonapplicability, or ☐ Hardship, in accordance with Ch. 2.78 of the Municipal Code and the order establishing the district.

2. Address of property: 989 Memorial Dr, Cambridge, Massachusetts

3. Describe the proposed alteration(s), construction, or demolition in the space provided below: (An additional page can be attached, if necessary).

   Replace 27 windows with (Anderson) Renewalby Anderson Fibrex window with FDL's
   Existing window are wood
Administration of the Half Crown-March NCD

The administration of the Half Crown-March Neighborhood Conservation District Commission is guided by the Articles III, Section 2.78 of the Code of the City of Cambridge and by the order establishing the district. Before alteration, construction or demolition of any publicly visible exterior architectural feature in the district can be initiated, the Commission must issue one of these types of certificates. A Certificate of Appropriateness is issued when the Commission determines that the proposed alteration, construction or demolition is not incongruous with the conservation of the district. A Certificate of Hardship is issued when refusal to issue a Certificate of Appropriateness would cause a substantial hardship, financial or otherwise, to the applicant, and when the proposed alteration, construction or demolition can be approved without substantial detriment to the public welfare or substantial diminution of the purposes of the order. A Certificate of Non-Applicability is issued for alteration, construction or demolition that is not subject to review. The last certificate is issued by the staff of the Commission without the Commission’s full review.

In making its determinations, the Commission considers the compatibility of the proposed alteration, construction or demolition with the structure’s surroundings, the historical and architectural significance of the structure, the design integrity of the structure, the consistency of the proposal with the character, scale, massing and detailing of its surroundings, and the proximity of adjacent surrounding structures.

The objectives of the District are to:

1. Conserve the historic architectural character of the Neighborhood, including the modest character that typifies the mid to late 19th-century workers’ and suburban housing of the Neighborhood, and the overall simplicity of its traditional wood-frame vernacular architecture, as well as the early 20th-century apartment houses where they exist.
2. Conserve the historic development patterns of the Neighborhood, including its dense network of short, through-block streets, courts, back streets, and ways.
3. Conserve views through yards and between houses to maintain the pattern of visual layering that characterizes streetscapes in the Neighborhood while respecting the residential privacy of individual properties.
4. Allow for architectural diversity and individualized alterations while respecting the traditional small scale of the housing stock.
5. Encourage the planting of trees and greenery to enhance the landscape amenities of the Neighborhood.
6. Encourage low fences to define the street edge while protecting views of houses and through yards, and also while permitting flexibility to minimize the adverse visual effect of trash containers, air compressors, transformers and other fixtures whose location may not otherwise be practically screened from public view.
7. Consider traffic impacts of proposed development as they may affect traditional street patterns and pedestrian activity.
8. Discourage the construction of parking lots as a principal use.

The authority of the Commission shall not extend to the following categories of structures or exterior architectural features, and such structures or features may be constructed or altered without review by the Commission:
A. Terraces, walls, driveways, sidewalks and similar structures substantially at grade level, provided, however, that they are not to be used for parking between the street and either the principal front wall plane of a building or the principal front and side wall planes of a building that occupies a corner property.
B. Walls and fences four feet high or less as measured from the grade of the sidewalk or the surface of the ground immediately below the wall or fence, whichever grade is lower.
C. Storm doors and windows, screens, window air conditioners, trelliswork and similar appendages.
D. Flat skylights or solar collectors parallel to and in close contact with the plane of the roof provided that all new and existing skylights and collectors are not larger than one-third of the area of the roof plane in which they are installed.
E. Intake and exhaust vents of less than one square foot in area provided that no more than two such vents are installed on an elevation of a one-to-three family house or within a 20-foot horizontal section of an elevation of a rowhouse, apartment, retail or commercial structure.
F. Permanent exterior lighting provided that it is installed in a manner that will prevent direct light from shining onto any adjacent property.
G. Chimney caps provided they are installed in a manner that will allow their removal without altering the structure or appearance of the chimney.
Agreement Document and Payment Terms

Buyer(s) Name: Jorie Graham

Buyer(s) Street Address: 989 Memorial Dr Unit 491, Cambridge, MA 02138

Primary Telephone Number: (617) 872-8407

Primary Email: graham2@fas.harvard.edu

Total Job Amount: $66,595
Deposit Received: $22,196
Balance Due: $44,399
Amount Financed: $0
Method of Payment: Cash/Check

By signing this Agreement, you acknowledge that the Balance Due, and the Amount Financed must be made by personal check, bank check, credit card, or cash.

Estimated Start: 8 weeks
Estimated Completion: 3-4 days

We schedule installations based on the date of the signed contract and secondarily on the date in which we complete the technical measurements. The installation date that we are providing at this time is only an estimate. We will communicate an official date and time at a later date. Rain and extreme weather are the most common causes for delay.

Notes: #162

Buyer(s) agrees and understands that this Agreement constitutes the entire understandings between the parties and that there are no verbal understandings changing or modifying any of the terms of this Agreement. No alterations to or deviations from this Agreement will be valid without the signed, written consent of both the Buyer(s) and Contractor. Buyer(s) hereby acknowledges that Buyer(s) 1) has read this Agreement, understands the terms of this Agreement, and has received a completed, signed, and dated copy of this Agreement, including the two attached Notices of Cancellation, on the date first written above and 2) was orally informed of Buyer's right to cancel this Agreement.

NOTICE TO BUYER: Do not sign this contract if blank. You are entitled to a copy of the contract at the time you sign.

YOU, THE BUYER, MAY CANCEL THIS TRANSACTION AT ANY TIME NOT LATER THAN MIDNIGHT OF 10/19/2019 OR THE THIRD BUSINESS DAY AFTER THE DATE OF THIS TRANSACTION, WHICHEVER DATE IS LATER. SEE THE ATTACHED NOTICE OF CANCELLATION FORM FOR AN EXPLANATION OF THIS RIGHT.

signature of Sales Person

signature

signature

Signature of Sales Person

Jorie Graham

Print Name of Sales Person

Print Name

Print Name

UPDATED: 10/16/19

Page 2 / 28
<table>
<thead>
<tr>
<th>ID#</th>
<th>ROOM:</th>
<th>DETAILS:</th>
</tr>
</thead>
<tbody>
<tr>
<td>401</td>
<td>Master Bath</td>
<td><strong>Window:</strong> Casement, Single, Left, Insert Frame, Exterior Forest Green, Interior White, <strong>Glass:</strong> All Sash: High Performance SmartSun Glass, No Pattern, Tempered Glass, <strong>Hardware:</strong> White, <strong>Screen:</strong> TruScene, Full Screen, <strong>Grille Style:</strong> Full Divided Light (FDL with spacer), Permanently Applied Interior Wood Grille, <strong>Grille Pattern:</strong> All Sash: Colonial 2w x 4h, Misc: None</td>
</tr>
<tr>
<td>402</td>
<td>Master Bed</td>
<td><strong>Window:</strong> Double-Hung (DG), 1:1, Slope Sill, Insert Frame, Traditional Checkrail, Exterior Forest Green, Interior White, <strong>Glass:</strong> All Sash: High Performance SmartSun Glass, No Pattern, <strong>Hardware:</strong> White, <strong>Screen:</strong> TruScene, Full Screen, <strong>Grille Style:</strong> Full Divided Light (FDL with spacer), Permanently Applied Interior Wood Grille, <strong>Grille Pattern:</strong> All Sash: Colonial 3w x 2h, Misc: None</td>
</tr>
<tr>
<td>403</td>
<td>Master Bed</td>
<td><strong>Window:</strong> Double-Hung (DG), 1:1, Slope Sill, Insert Frame, Traditional Checkrail, Exterior Forest Green, Interior White, <strong>Glass:</strong> All Sash: High Performance SmartSun Glass, No Pattern, <strong>Hardware:</strong> White, <strong>Screen:</strong> TruScene, Full Screen, <strong>Grille Style:</strong> Full Divided Light (FDL with spacer), Permanently Applied Interior Wood Grille, <strong>Grille Pattern:</strong> All Sash: Colonial 3w x 2h, Misc: None</td>
</tr>
<tr>
<td>404</td>
<td>Master Bed</td>
<td><strong>Window:</strong> Double-Hung (DG), 1:1, Slope Sill, Insert Frame, Traditional Checkrail, Exterior Forest Green, Interior White, <strong>Glass:</strong> All Sash: High Performance SmartSun Glass, No Pattern, <strong>Hardware:</strong> White, <strong>Screen:</strong> TruScene, Full Screen, <strong>Grille Style:</strong> Full Divided Light (FDL with spacer), Permanently Applied Interior Wood Grille, <strong>Grille Pattern:</strong> All Sash: Colonial 2w x 2h, Misc: None</td>
</tr>
<tr>
<td>ID#</td>
<td>ROOM</td>
<td>DETAILS</td>
</tr>
<tr>
<td>-----</td>
<td>------------</td>
<td>-------------------------------------------------------------------------</td>
</tr>
<tr>
<td>405</td>
<td>Master Bed</td>
<td><strong>Window:</strong> Double-Hung (DG), 1:1, Slope Sill, Insert Frame, Traditional Checkrail, Exterior Forest Green, Interior White, <strong>Glass:</strong> All Sash: High Performance SmartSun Glass, No Pattern, <strong>Hardware:</strong> White, <strong>Screen:</strong> TruScene, Full Screen, <strong>Grille Style:</strong> Full Divided Light (FDL with spacer), Permanently Applied &amp; Interior Wood Grille, <strong>Grille Pattern:</strong> All Sash: Colonial 3w x 2h, Misc: None</td>
</tr>
<tr>
<td>406</td>
<td>Master Bed</td>
<td><strong>Window:</strong> Double-Hung (DG), 1:1, Slope Sill, Insert Frame, Traditional Checkrail, Exterior Forest Green, Interior White, <strong>Glass:</strong> All Sash: High Performance SmartSun Glass, No Pattern, <strong>Hardware:</strong> White, <strong>Screen:</strong> TruScene, Full Screen, <strong>Grille Style:</strong> Full Divided Light (FDL with spacer), Permanently Applied &amp; Interior Wood Grille, <strong>Grille Pattern:</strong> All Sash: Colonial 3w x 2h, Misc: None</td>
</tr>
<tr>
<td>407</td>
<td>Master Bed</td>
<td><strong>Window:</strong> Double-Hung (DG), 1:1, Slope Sill, Insert Frame, Traditional Checkrail, Exterior Forest Green, Interior White, <strong>Glass:</strong> All Sash: High Performance SmartSun Glass, No Pattern, <strong>Hardware:</strong> White, <strong>Screen:</strong> TruScene, Full Screen, <strong>Grille Style:</strong> Full Divided Light (FDL with spacer), Permanently Applied &amp; Interior Wood Grille, <strong>Grille Pattern:</strong> All Sash: Colonial 2w x 2h, Misc: None</td>
</tr>
<tr>
<td>ID#</td>
<td>ROOM</td>
<td>DETAILS</td>
</tr>
<tr>
<td>------</td>
<td>--------</td>
<td>-------------------------------------------------------------------------</td>
</tr>
<tr>
<td>408</td>
<td>Living</td>
<td><strong>Window</strong>: Double-Hung (DG), 1:1, Slope Sill, Insert Frame, Traditional Checkrail, Exterior Forest Green, Interior White, <strong>Glass</strong>: All Sash: High Performance SmartSun Glass, No Pattern, <strong>Hardware</strong>: White, <strong>Screen</strong>: TruScene, Full Screen, <strong>Grille Style</strong>: Full Divided Light (FDL with spacer), Permanently Applied Interior Wood Grille, <strong>Grille Pattern</strong>: All Sash: Colonial 3w x 2h, <strong>Misc</strong>: None</td>
</tr>
<tr>
<td>409</td>
<td>Living</td>
<td><strong>Window</strong>: Double-Hung (DG), 1:1, Slope Sill, Insert Frame, Traditional Checkrail, Exterior Forest Green, Interior White, <strong>Glass</strong>: All Sash: High Performance SmartSun Glass, No Pattern, <strong>Hardware</strong>: White, <strong>Screen</strong>: TruScene, Full Screen, <strong>Grille Style</strong>: Full Divided Light (FDL with spacer), Permanently Applied Interior Wood Grille, <strong>Grille Pattern</strong>: All Sash: Colonial 3w x 2h, <strong>Misc</strong>: None</td>
</tr>
<tr>
<td>410</td>
<td>Living</td>
<td><strong>Window</strong>: Double-Hung (DG), 1:1, Slope Sill, Insert Frame, Traditional Checkrail, Exterior Forest Green, Interior White, <strong>Glass</strong>: All Sash: High Performance SmartSun Glass, No Pattern, <strong>Hardware</strong>: White, <strong>Screen</strong>: TruScene, Full Screen, <strong>Grille Style</strong>: Full Divided Light (FDL with spacer), Permanently Applied Interior Wood Grille, <strong>Grille Pattern</strong>: All Sash: Colonial 3w x 2h, <strong>Misc</strong>: None</td>
</tr>
<tr>
<td>ID#</td>
<td>ROOM</td>
<td>DETAILS</td>
</tr>
<tr>
<td>-----</td>
<td>------</td>
<td>--------</td>
</tr>
<tr>
<td>411</td>
<td>Bed 2</td>
<td><strong>Window</strong>: Double-Hung (DG), 1:1, Slope Sill, Insert Frame, Traditional Checkrail, Exterior Forest Green, Interior White,  <strong>Glass</strong>: All Sash: High Performance SmartSun Glass, No Pattern,  <strong>Hardware</strong>: White, <strong>Screen</strong>: TruScene, Full Screen, <strong>Grille Style</strong>: Full Divided Light (FDL with spacer), Permanently Applied  Interior Wood Grille, <strong>Grille Pattern</strong>: All Sash: Colonial 2w x 2h, Misc: None</td>
</tr>
<tr>
<td>412</td>
<td>Bed 2</td>
<td><strong>Window</strong>: Double-Hung (DG), 1:1, Slope Sill, Insert Frame, Traditional Checkrail, Exterior Forest Green, Interior White,  <strong>Glass</strong>: All Sash: High Performance SmartSun Glass, No Pattern,  <strong>Hardware</strong>: White, <strong>Screen</strong>: TruScene, Full Screen, <strong>Grille Style</strong>: Full Divided Light (FDL with spacer), Permanently Applied  Interior Wood Grille, <strong>Grille Pattern</strong>: All Sash: Colonial 3w x 2h, Misc: None</td>
</tr>
<tr>
<td>413</td>
<td>Bed 2</td>
<td><strong>Window</strong>: Double-Hung (DG), 1:1, Slope Sill, Insert Frame, Traditional Checkrail, Exterior Forest Green, Interior White,  <strong>Glass</strong>: All Sash: High Performance SmartSun Glass, No Pattern,  <strong>Hardware</strong>: White, <strong>Screen</strong>: TruScene, Full Screen, <strong>Grille Style</strong>: Full Divided Light (FDL with spacer), Permanently Applied  Interior Wood Grille, <strong>Grille Pattern</strong>: All Sash: Colonial 3w x 2h, Misc: None</td>
</tr>
<tr>
<td>ID#</td>
<td>ROOM</td>
<td>DETAILS</td>
</tr>
<tr>
<td>-----</td>
<td>------</td>
<td>---------</td>
</tr>
<tr>
<td>414</td>
<td>Bed 2</td>
<td><strong>Window</strong>: Double-Hung (DG), 1:1, Slope Sill, Insert Frame, Traditional Checkrail, Exterior Forest Green, Interior White, <strong>Glass</strong>: All Sash: High Performance SmartSun Glass, No Pattern, <strong>Hardware</strong>: White, <strong>Screen</strong>: TruScene, Full Screen, <strong>Grille Style</strong>: Full Divided Light (FDL with spacer), Permanently Applied Interior Wood Grille, <strong>Grille Pattern</strong>: All Sash: Colonial 3w x 2h, Misc: None</td>
</tr>
<tr>
<td>415</td>
<td>Bed 2</td>
<td><strong>Window</strong>: Double-Hung (DG), 1:1, Slope Sill, Insert Frame, Traditional Checkrail, Exterior Forest Green, Interior White, <strong>Glass</strong>: All Sash: High Performance SmartSun Glass, No Pattern, <strong>Hardware</strong>: White, <strong>Screen</strong>: TruScene, Full Screen, <strong>Grille Style</strong>: Full Divided Light (FDL with spacer), Permanently Applied Interior Wood Grille, <strong>Grille Pattern</strong>: All Sash: Colonial 3w x 2h, Misc: None</td>
</tr>
<tr>
<td>416</td>
<td>Bed 2</td>
<td><strong>Window</strong>: Double-Hung (DG), 1:1, Slope Sill, Insert Frame, Traditional Checkrail, Exterior Forest Green, Interior White, <strong>Glass</strong>: All Sash: High Performance SmartSun Glass, No Pattern, <strong>Hardware</strong>: White, <strong>Screen</strong>: TruScene, Full Screen, <strong>Grille Style</strong>: Full Divided Light (FDL with spacer), Permanently Applied Interior Wood Grille, <strong>Grille Pattern</strong>: All Sash: Colonial 3w x 2h, Misc: None</td>
</tr>
<tr>
<td>417</td>
<td>Bath 2</td>
<td><strong>Window</strong>: Casement, Single, Left, Insert Frame, Exterior Forest Green, Interior White, <strong>Glass</strong>: All Sash: High Performance SmartSun Glass, Tempered Glass, <strong>Hardware</strong>: White, <strong>Screen</strong>: TruScene, Full Screen, <strong>Grille Style</strong>: Full Divided Light (FDL with spacer), Permanently Applied Interior Wood Grille, <strong>Grille Pattern</strong>: All Sash: Colonial 2w x 4h, Misc: None</td>
</tr>
<tr>
<td>ID#</td>
<td>ROOM</td>
<td>DETAILS</td>
</tr>
<tr>
<td>-----</td>
<td>------</td>
<td>---------</td>
</tr>
<tr>
<td>418</td>
<td>Den</td>
<td><strong>Window:</strong> Double-Hung (DG), 1:1, Slope Sill, Insert Frame, Traditional Checkrail, Exterior Forest Green, Interior White, <strong>Glass:</strong> All Sash: High Performance SmartSun Glass, No Pattern, <strong>Hardware:</strong> White, <strong>Screen:</strong> TruScene, Full Screen, <strong>Grille Style:</strong> Full Divided Light (FDL with spacer), Permanently Applied Interior Wood Grille, <strong>Grille Pattern:</strong> All Sash: Colonial 3w x 2h, Misc: None</td>
</tr>
<tr>
<td>419</td>
<td>Den</td>
<td><strong>Window:</strong> Double-Hung (DG), 1:1, Slope Sill, Insert Frame, Traditional Checkrail, Exterior Forest Green, Interior White, <strong>Glass:</strong> All Sash: High Performance SmartSun Glass, No Pattern, <strong>Hardware:</strong> White, <strong>Screen:</strong> TruScene, Full Screen, <strong>Grille Style:</strong> Full Divided Light (FDL with spacer), Permanently Applied Interior Wood Grille, <strong>Grille Pattern:</strong> All Sash: Colonial 3w x 2h, Misc: None</td>
</tr>
<tr>
<td>420</td>
<td>Bed 3</td>
<td><strong>Window:</strong> Double-Hung (DG), 1:1, Slope Sill, Insert Frame, Traditional Checkrail, Exterior Forest Green, Interior White, <strong>Glass:</strong> All Sash: High Performance SmartSun Glass, No Pattern, <strong>Hardware:</strong> White, <strong>Screen:</strong> TruScene, Full Screen, <strong>Grille Style:</strong> Full Divided Light (FDL with spacer), Permanently Applied Interior Wood Grille, <strong>Grille Pattern:</strong> All Sash: Colonial 3w x 2h, Misc: None</td>
</tr>
<tr>
<td>ID#</td>
<td>ROOM</td>
<td>DETAILS</td>
</tr>
<tr>
<td>-----</td>
<td>------</td>
<td>--------</td>
</tr>
<tr>
<td>421</td>
<td>Bred 3</td>
<td><strong>Window</strong>: Double-Hung (DG), 1:1, Slope Sill, Insert Frame, Traditional Checkrail, Exterior Forest Green, Interior White, <strong>Glass</strong>: All Sash: High Performance SmartSun Glass, No Pattern, <strong>Hardware</strong>: White, <strong>Screen</strong>: TruScene, Full Screen, <strong>Grille Style</strong>: Full Divided Light (FDL with spacer), Permanently Applied Interior Wood Grille, <strong>Grille Pattern</strong>: All Sash: Colonial 3w x 2h, Misc: None</td>
</tr>
<tr>
<td>422</td>
<td>Kitchen</td>
<td><strong>Window</strong>: Double-Hung (DG), 1:1, Slope Sill, Insert Frame, Traditional Checkrail, Exterior Forest Green, Interior White, <strong>Glass</strong>: All Sash: High Performance SmartSun Glass, No Pattern, <strong>Hardware</strong>: White, <strong>Screen</strong>: TruScene, Full Screen, <strong>Grille Style</strong>: Full Divided Light (FDL with spacer), Permanently Applied Interior Wood Grille, <strong>Grille Pattern</strong>: All Sash: Colonial 3w x 2h, Misc: None</td>
</tr>
<tr>
<td>423</td>
<td>Kitchen</td>
<td><strong>Window</strong>: Double-Hung (DG), 1:1, Slope Sill, Insert Frame, Traditional Checkrail, Exterior Forest Green, Interior White, <strong>Glass</strong>: All Sash: High Performance SmartSun Glass, No Pattern, <strong>Hardware</strong>: White, <strong>Screen</strong>: TruScene, Full Screen, <strong>Grille Style</strong>: Full Divided Light (FDL with spacer), Permanently Applied Interior Wood Grille, <strong>Grille Pattern</strong>: All Sash: Colonial 3w x 2h, Misc: None</td>
</tr>
<tr>
<td>ID#</td>
<td>ROOM</td>
<td>DETAILS</td>
</tr>
<tr>
<td>-----</td>
<td>------</td>
<td>---------</td>
</tr>
<tr>
<td>424</td>
<td>Kitchen</td>
<td><strong>Window:</strong> Double-Hung (DG), 1:1, Slope Sill, Insert Frame, Traditional Checkrail, Exterior Forest Green, Interior White, <strong>Glass:</strong> All Sash: High Performance SmartSun Glass, No Pattern, <strong>Hardware:</strong> White, <strong>Screen:</strong> TruScene, Full Screen, <strong>Grille Style:</strong> Full Divided Light (FDL with spacer), Permanently Applied Interior Wood Grille, <strong>Grille Pattern:</strong> All Sash: Colonial 3w x 2h, Misc: None</td>
</tr>
<tr>
<td>425</td>
<td>Dine</td>
<td><strong>Window:</strong> Double-Hung (DG), 1:1, Slope Sill, Insert Frame, Traditional Checkrail, Exterior Forest Green, Interior White, <strong>Glass:</strong> All Sash: High Performance SmartSun Glass, No Pattern, <strong>Hardware:</strong> White, <strong>Screen:</strong> TruScene, Full Screen, <strong>Grille Style:</strong> Full Divided Light (FDL with spacer), Permanently Applied Interior Wood Grille, <strong>Grille Pattern:</strong> All Sash: Colonial 2w x 2h, Misc: None</td>
</tr>
<tr>
<td>426</td>
<td>Dine</td>
<td><strong>Window:</strong> Double-Hung (DG), 1:1, Slope Sill, Insert Frame, Traditional Checkrail, Exterior Forest Green, Interior White, <strong>Glass:</strong> All Sash: High Performance SmartSun Glass, No Pattern, <strong>Hardware:</strong> White, <strong>Screen:</strong> TruScene, Full Screen, <strong>Grille Style:</strong> Full Divided Light (FDL with spacer), Permanently Applied Interior Wood Grille, <strong>Grille Pattern:</strong> All Sash: Colonial 3w x 2h, Misc: None</td>
</tr>
</tbody>
</table>
## Itemized Order Receipt

**Renewal by Andersen**

**DBA:** Renewal by Andersen of Boston  
**Legal Name:** Renewal by Andersen LLC  
**HIC #:** 0170810  
**Address:** 30 Forbes Road, Northborough, MA 01532  
**Phone:** 508-351-2200 \ Fax: 508-986-7072 \ rbabostonbooking@andersencorp.com

### Details:

<table>
<thead>
<tr>
<th>ID#</th>
<th>Room</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>9999</td>
<td>All</td>
<td>Misc: Misc - *Add New, Description: All Sash:</td>
</tr>
</tbody>
</table>

**Windows:** 27  |  **Patio Doors:** 0  |  **Specialty:** 0  |  **Misc:** 1  |  **Total:** $66,595
Dear Peter,

Thank you for your patience. Your proposal to replace your windows has been approved by the Barrington Court Board of Managers. The executed Renovation Agreement dated February 18th is attached to this message.

Please note that on Page 2 the Agreement stipulates that construction must be completed within 90 days of the start and that it must be completed within 60 days from February 20th. The Board also requests that shop drawings illustrating the windows and prepared by Anderson be submitted to Marc Maxwell in advance of the construction start. We will also ask M
t for drawings.

It is also worth noting that 50% of an engineering firm that is preparing building-standard window specifications for the Board, is interested in the installation and would like to make an offer. Hopefully, this will be of great value to all of us.

Please coordinate access with Leroy who is copied on this message.

Good luck with the project.

Best Regards,

Dwight

Dwight Johnson
Senior Vice President
Thayer & Associates, Inc.
1812 Massachusetts Avenue
Cambridge, MA 02140
(817) 354-6480
djohnson@thayerassociates.com
Order Summary

Renewal by Andersen LLC - CORO BOSTON MA
Legal Name: Renewal By Andersen LLC | License #: HIC# 170810
30 Forbes Rd. | Northborough, MA 01532
Phone: 508-351-2200 | Fax: 1 rbabostonoperationsarchive@gmail.com
Measure Tech: Scott Roberts,

Image 1

Image 3

Image 4

Image 5

Image 6

Image 7

Image 8

Image 9

Image 10
401

Master Bath
16-3/4" W  40-3/4" H
Window, Casement - Single

Windows: Casement, Single, Left, Base Frame, Exterior Forest Green, Interior White Glass: All Sash: High Performance SmartSun Glass, No Pattern, Tempered Glass Hardware: White Screen: Fiberglass, Full Screen Grille Style: Full Divided Light (FDL with spacer), Permanently Applied Interior Wood Grille Grille Pattern: All Sash: Colonial 2w x 4h Misc: None Construction: Insulate weight pockets (1), 4th Story install (1), LSWP Windows (1), City Fee Charge per day (3) Material: Foam Can (0.15000000059604645), Fiberglass Insulation (0.15000000059604645), White paintable DAP (0.1000000014901161), RBA Forest Green Caulk (2), (null) (1)

UNIT NOTES

UNIT CONSTRUCTION

Insulate weight pockets  1
4th Story Install  1
LSWP Windows  1
City Fee Charge per day  3

UNIT MATERIALS

<table>
<thead>
<tr>
<th>MATERIAL</th>
<th>Quantity</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Foam Can</td>
<td>0.15 cans</td>
<td></td>
</tr>
<tr>
<td>Fiberglass Insulation</td>
<td>0.15 rolls</td>
<td></td>
</tr>
<tr>
<td>White paintable DAP</td>
<td>0.1 tubes</td>
<td></td>
</tr>
<tr>
<td>RBA Forest Green Caulk</td>
<td>2 tubes</td>
<td></td>
</tr>
<tr>
<td></td>
<td>1 (null)</td>
<td></td>
</tr>
</tbody>
</table>

02/29/20
A DG Double-Hung window consists of two vertically sliding sash in a single frame. Each sash is counter-balanced by a uniquely configured block-and-tackle balance mounted into the sides of each sash. Each sash may be tilted in for easy cleaning by actuating the hidden tilt-latch mechanisms. When locked, a cam-type sash lock securely closes the upper and lower sash and seats them snugly into their weather-stripping systems. An insect screen may be installed into the outside track of the window frame.

**Advantages**

- Both sash can be operated for ventilation at the top and the bottom of the window.
- Both sash tilt in for safe and easy cleaning.
- Patented lower sash tilt-latch cassette and interlock assembly offers safe and secure sash tilting while providing maximum security and structural performance.
- Patented upper sash tilt-latch cassette offers single point activation for safe and easy tilting for cleaning.
- Patented Fibrex® Material is stronger than vinyl, providing greater durability.
- Patented Fibrex® Material with low maintenance Perma-Shield® capping gives a rich, low luster finish to sash and frame, similar to painted wood.
- Surfaces on the sash and frame are designed with smooth radii which are visually pleasing and easier to clean.
- Mortise-and-tenon appearance on both the interior AND exterior sash corners provides a traditional, hand-crafted look.
- Sash and frame corners are joined utilizing precision molded corner keys, EPDM (ethylene propylene diene monomer) gaskets and injected hot melt adhesive for superior strength, durability and weather tightness.
- Weatherstrip system is designed utilizing cutting edge materials providing superior weather tightness and durability while allowing easy sash operation.
- Sash are counter-balanced by coil-spring powered block-and-tackle balance mounted into the sides of each sash. Each balance is uniquely configured and engineered for that exact sash size and weight which minimizes operating force.

**Applications**

- Excellent choice for homes and condominiums where traditional styling is important; appropriate for many restoration projects.
- Suitable in areas facing walkways, decks and other traffic areas because sash do not project outward.
- Convenient in areas where the sash need to be cleaned from the interior.
- Visually compatible with other Renewal by Andersen® products.

"Perma-Shield" and all other marks where denoted are trademarks of Andersen Corporation
DG DOUBLE HUNG COMPONENTS

FRAME

- Fibrex™ head jamb using one-piece universal frame design
- Extruded head liner provides traditional head parting stop appearance
- Injection molded frame corner keys for tight, long-lasting joints

- Checkrail transition plug for transition from the side jamb and check rail weatherstrips
- Lower hinged weathersrip provides a compliant interface between the lower sash and frame (made from exclusive Rolltrusion™ material for superior thermal stability)
- Limited travel bumpers (used only on monumental size windows)
- Full length urethane foam with Mylar™ coating for low air permeability

- Exclusive Fibrex™ universal frame profile which provides versatility for various types of window replacement openings — one piece design providing added strength and structural performance
- Load transfer blocks for superior structural performance on monumental size windows

- Overmolded rubber sill gasket for watertight joints between sill and side jambs
- Extruded Fibrex™ sill with a low-profile self-cleaning design (available in both sloped sill and flat sill configurations)

- Ultrasonically welded sill end caps providing a watertight seal
Top rail weatherstrip provides air-tight performance using automotive-grade EPDM foam material; mechanically fastened at each end to eliminate shrink-back.

Interior sash hoop for a classic glass lip.

Concealed sash corner keys provide tight, long-lasting performance.

Metal keeper for maximum security.

Custom-sized block and tackle balancers optimized on 1 lb/ft² increments for smooth opening and closing.

Soft Touch® Tri-Fin weatherstrip interfaces with upper sash to provide full length, air-tight performance.

Full-length upper sash interlock made of exclusive Rolltrusion™ material to provide superior stiffness, dimensional stability, and air-tight performance.

Interior sash hoop with either Traditional or Modern check rail design.

Interlock transition block for dual weatherstrip at the check rail.

Fibrex™ Extrusion with precision mortise-and-tenon joinery.

Concealed sash corner keys provide tight, long-lasting performance.

Soft Touch® Tri-Fin reveal weatherstrip to provide full perimeter dual weatherstrip.

Custom sized block and tackle balancers optimized on 1 lb/ft² increments for smooth opening and closing.

High-Performance (HP) glass.

Bottom weatherstrip to provide air-tight performance using automotive grade EPDM foam material; mechanically fastened at each end to eliminate shrink-back.
Described below are features that contribute to the DG Double-Hung window’s low maintenance, energy efficiency, ease of operation, and pleasing appearance.

- **Frame** – Made of rigid Fibrex® material a unique structural composite of wood fibers and a special thermoplastic polymer. Developed by Andersen®, Fibrex material combines the strength and stability of wood with the low-maintenance features of our time-tested Perma-Shield® cladding.

- **Sash** – Constructed of Fibrex material. Corner keys provide durable, watertight corners. The mortise and tenon joinery complements the frame. A high-performance silicone sealant provides a watertight seal between the glass and sash.

- **Glazing** – High-Performance™ LoE® glass with an inert, energy-efficient gas, is standard for every window. See Options on page 12-9 for other glass choices.

  *LoE® is a registered trademark of Condital IG Company.*

- **Glass spacer** – The patented low-conductivity spacer is made of stainless steel and resists heat transfer four to five times better than aluminum spacers used by many other manufacturers. Additionally, the stainless steel spacer is more durable than other spacers.

- **Removable protective film** – Packaging features a clear protective film that is factory applied to both the interior and exterior glass surfaces to help protect the glass from shipping and installation damage.

- **Weatherstrip** – A diverse system consisting of automotive grade EPDM foam filled bulbs, Soft Touch™ Tri-Fin piles and constant-force reinforced low friction polymer components provide multiple layers of protection from the elements.

- **Sash Lock and Keeper** – The lock and keeper components are manufactured from durable zinc die cast material providing maximum security. When actuated, the lock cam engages easily into the keeper and drives the sash into the head and sill weather-strips resulting in a tight barrier between the sash and frame.

- **Tilt-Mechanisms** – Patented sash tilting assemblies provide innovative, safe and easy tilting. The upper sash tilt-latch cassette offers single point activation for safe and easy tilting for cleaning. The lower sash tilt-latch cassette and interlock assembly, which is actuated by the lock mechanism, offers safe and secure sash tilting while providing maximum security and structural performance.
The following options are available for all Renewal by Andersen® DG Double-Hung windows:

- **Dual-Colors and Stainable veneered wood Interior** – Dual-color windows are available that have different interior and exterior colors. Stainable wood interior veneers are also available in oak, maple, and engineered pine. The Double-Hung Window Component Color Combination Chart on page 12-14 shows available color combinations and the default color of individual components for these combinations. Alternative component (e.g., insect screens, grilles, hardware, side jambs) color combinations are available upon request.

Painting and staining guidelines for Fibrex® material and stainable wood interiors are available in this manual, the Product Installation Manual and in the Care and Maintenance Guide.

- **Sill Options** – The DG double hung is available with two different sill configurations. A 12° Sloped Sill for use in insert applications where the existing window sill is angled to the exterior and a Flat Sill for use in various other applications.
Options
DG Double-Hung Window

- **Frame Options** – The DG Double-Hung is available with 3 different Universal Frame options.
  - A Base Frame, which consists of a full outer frame nose and accessory kerf that is compatible with the Universal Picture Window (PWU), and a CLOSED interior frame profile. The Base Frame is available with both the Sloped Sill and Flat Sill.
  - An Insert Frame, which consists of a notched outer frame member with a kerf ready to nest itself into an exterior sash stop of an existing 3-1/4" jamb pocket, and a CLOSED interior frame profile. The Insert Frame is available with both the Sloped Sill and Flat Sill.
  - An EJ Frame, which consists of a full outer frame nose and accessory kerf that is compatible with the Universal Picture Window (PWU), and an OPEN interior frame profile factory prepared to receive an Extension Jamb. The EJ Frame is ONLY available with the Flat Sill.
- **Structural Performance Upgrade** – The Double-Hung (DG) window is available in a structural Design Pressure (DP) upgrade to +/-DP50. Size restrictions apply.
- **Modern Check Rail** – The check rail is available in a contemporary version where the innermost 1/2" of the top of the check rail curves gently to the interior face off the window.
- **Traditional Check Rail** – The check rail is available in a squared version where the top of the sash remains flat to the face of the window.
- **TruScene® Insect Screen** – Micro-fine stainless steel mesh (25 x 25 per inch mesh) that provides over 50% more clarity than standard Andersen insect screens. (See following chart for size restrictions.)
- **Universal Frame Profile** – Can be used in either insert OR full frame applications.
- **Glass Breather Tubes** – Breather tubes are available for glass intended for high-altitude installations. It is important to note that breather tubes will decrease the thermal performance of the unit. Refer to the Technical Data (Section 8) in this Spec and Tech Manual for altitude specifics.

- **Additional Sash Lock** – All standard performance DG units greater than 40" wide will be manufactured with two locks. All performance upgrade DG units greater than 36" wide will be manufactured with two locks. All other units will be manufactured with one lock. If an additional lock is desired on the single lock units, it can be ordered with a second lock. However, DG units less than 23" can NOT be ordered with two locks.

- **Recessed Lift Handle** – A recessed lift handle factory applied in the tall-bottom-rail is available in all of the interior hardware colors and finishes. One OR two recessed sash lifts may be specified; however units less than 23" wide are limited to one recessed sash lift.

- **Hand Lift** – A lift is available in all of the interior hardware colors and finishes with factory drilled mounting holes on the tall-bottom-rail. One OR two hand lifts may be specified; however units less than 23" wide are limited to one factory drilled hand lift.

- **Estate Finish Hardware** – Estate finish hardware is available for all operating windows and is available in bright brass, antique brass, satin nickle, distressed nickel, brushed chrome, polished chrome, distressed bronze, oil-rubbed bronze and dark bronze. Hardware in each of the finishes is electroplated and/or modified to obtain the desired look. The Estate face-mounted hardware components for DG Double-Hung windows are listed below:
  - **Lock and Keeper** – The zinc die cast, plated lock and keeper provide elegant Estate styling that beautifully complements not only the window, but matches any Estate hardware found on Andersen® patio doors.
  - **Finger Lifts** – These smaller, more traditional looking lifts provide a different aesthetic option for a grasp to operate the window. These lifts are typically used in pairs and are available in all our colors and finishes.
  - **Opening Control Device** – Field-applied device restricts sash opening to 4 inches. This device will allow full sash opening when disengaged and will re-engage when sash is closed.
## Options, cont.

**DG Double-Hung Window**

### TruScene® DG Availability Restrictions

<table>
<thead>
<tr>
<th>DG Double-Hung Window</th>
<th>Half Insect Screen</th>
<th>All Sash Ratios</th>
<th>All sizes available, no restrictions</th>
</tr>
</thead>
<tbody>
<tr>
<td>DG Double-Hung Window</td>
<td>Full Insect Screen</td>
<td>All Sash Ratios</td>
<td>Restrictions</td>
</tr>
</tbody>
</table>

- All heights available for unit widths less than or equal to 50-1/4".
- All widths available for unit heights less than or equal to 48-5/8".

### Glass Options

- High Performance® Low-E4 SmartSun™ with Heatlock™ (no pattern)
- High Performance® Low-E4 SmartSun™ tinted
- High Performance® Low-E4 (no pattern)
- Obscure
- Reed
- Cascade
- Fern

### Aluminum Insect Screen Cloth
- Durable aluminum screen cloth (18 x 16 per inch mesh) in a glare-resistant charcoal gray.

### Half Insect Screen
- A half insect screen is available that only covers the lower sash. The half screen does not impede the operation of the upper sash.

### Decorative Glass Patterns
- Standard windows have no textured glass pattern whatsoever. Optional textured patterns are as follows:
  - Obscure
  - Reed
  - Cascade
  - Fern

### Glass Coating
- High-Performance™ Low-E4™ coating is standard with all windows. Optional glazings are as follows:
  - Clear (no coating)
  - SmartSun™
  - High-Performance Low-E4 tinted coating
  - High Performance® Low-E4 with Heatlock™  
  - High Performance® Low-E4 SmartSun™ with Heatlock™ not available with decorative glass patterns

### Tempered Glass
- Tempering is an option for all available glass options. Untempered glass is standard.

---

NOTE:

Equal Sash Ratio
DB min/max chart shown here; screen dimensions apply to all sash ratios.
Available Grille Types

Three grille types are available. The interior and exterior sides of the grilles are color-coordinated with each side of the window frame. Consult the color combination charts in each window product section for detailed color information.

Grille-Between-the-Glass (GBG)

Sculpted aluminum grille members are manufactured between the glass panes, and are available in two widths. Enamel finish replicates interior and exterior face of window. If wood interior, interior facing surface will be gray.

Interior Wood Grille (INTW)

With the option of hardwood maple or oak, these grilles snap into clips placed around the interior side of the sash and may be removed to clean the glass. These high-definition interior wood grilles are available in two different widths.

Full Divided Light (FDL) Grille

FDL grilles provide the classic look of a true divided light window. The high-definition exterior grille is made from Fibrex® material and is available in two different widths. Between the glass panes, an aluminum spacer stands slightly away from each pane to maintain thermal performance. The high-definition interior wood grille is available in hardwood, maple or oak and in two different widths, and may be permanently applied or removable.
Available Grille Patterns — Grille pattern options include colonial, prairie, and modified prairie.

**Colonial**
Refer to colonial pattern grilles by pattern name and “grille lites wide by grille lites high” for each sash. For the examples shown, the left window would be “colonial pattern, 5 by 2, upper and lower sash”. For the example to the right, “colonial pattern, 3 by 1 on the upper sash, no grille on the lower sash”.

**Prairie**
Regardless of sash size, all prairie grilles intersect to form 4” squares of visible glass in the corners of the sash. Prairie grilles are available on one or both sash.
The prairie grille pattern is not available on DG Double-Hung windows narrower than 20”.

**Modified Prairie**
Regardless of sash size, all modified prairie grilles intersect to form 4” squares of visible glass. Modified prairie grilles are available for one or both sash.
The modified prairie grille pattern is not available on DG Double-Hung windows narrower than 20”.
- Exterior Brickmould – Fibrex® Material Brickmould is available as an exterior trim option. It is available in two widths (2" and 3") and two different configurations (traditional and picture-frame). It is available factory applied or as components for field fabrication and application.

- Chamfered Edge Overfit – Fibrex® Material decorative overfit flange is available as an exterior trim option. It is available factory applied or as components for field fabrication and application.