

From: [Rinehardt, Eric](#)
To: [Scanlon, Amy](#)
Subject: RE: Landmarks April 7
Date: Wednesday, April 02, 2014 9:35:28 AM
Attachments: [Fire Door Spec Sheet.pdf](#)

Thanks Amy,

The answer/info requested are as follows;

1. There will be two (side-by-side) double-hung windows on each gable end to match the scaled dimensions of the windows on the upper-level of the front elevation of the home. I was going back-and-forth between using 1 window or 2 as I debated what style of construction to use, but I can commit to two. If the commission disagrees, I can of course use 1, but 2 seems more appropriate.
2. I will make the car doors myself. They will be wooden carriage doors which swing outward. I have attached a picture of a comparable design. I can leave the windows off the door if that is an issue. My preference for the side entrance door would be to use a fire-rated, raised panel steel door since it will not be visible, or at least will be barely visible, from the front elevation. The door will be painted to match the house/garage colors, and a spec sheet is attached. If using a steel fire-spec'd door is an issue, I can use something else.
3. Sorry, I didn't realize I drew the windows as casement instead of double-hung (I made one and then copy-pasted, so they all ended up being drawn in error). Yes, the house windows, with a couple exceptions, are 1-over-1 double hung, and the garage windows will be as well. The windows will be all-wood construction with a wooden sill and sill horn to match the house windows. The garage windows will be painted to match the home.

From: Scanlon, Amy [mailto:AScanlon@cityofmadison.com]
Sent: Wednesday, April 02, 2014 9:07 AM
To: Rinehardt, Eric
Subject: Landmarks April 7

Hi Eric,

Attached please find the staff report for your garage proposal that will be discussed by the Landmarks Commission on April 7. The agenda is linked below.

<https://madison.legistar.com/View.ashx?M=A&ID=266781&GUID=6E2E6995-D573-49C5-A36A-565C942D8469>

Please contact me with any questions. See you Monday.

Best,

Amy

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THE ULTIMATE ADJUSTABLE STEEL DOOR FRAME

Mastercraft's 90 Minute Fire Doors cover every wall thickness from 4-9/16" to 7-1/2" to accommodate almost any variation in wall construction. This easy-to-install, user-friendly, steel door frame system is applicable to a full range of residential and commercial applications - wood or steel stud construction. This Mastercraft Fire Door is engineered to meet the most stringent code requirements including structural, impact, and 90-minute fire ratings.

Applications

- Multi-Family
- Motel / Hotel
- House to Garage
- Garage to Exterior

Closure Test



Fire Labels
90 Minute Fire Rating

In a 90-minute application, the door will close and latch from 18" if the following components are used:

- QEBD500 Foam-Filled Compression Weatherstripping
- Factory Sweep
- Adjustable T-Strike
- Factory Supplied Sill

Structural Performance and Impact Rating

Design pressure ratings are available for compliance with national, state, and local window load and/or missile requirements. Product approval under the Miami-Dade BCCO NOA or Intertek Testing Services / Warnock Hersey® programs.



TA-1 Adjustable T-Strike
1/4" of adjustment allows for each of field installations for proper door closure

Outer Extender
20-gauge Steel
2 uprights - 1 header

Standard Inswing Sill
Thermally broken - 5 5/8" width
Optional extenders for larger wall sizes
Note: Not for use on outswing applications.

Extender Span Adjustment Chart

Wall Sizes	A
4-9/16" - 5 1/2"	= 1 7/8"
5-9/16" - 6 1/2"	= 2 7/8"
6-9/16" - 7 1/2"	= 3 7/8"

Weatherstripping
Schlegal foam-filled compression (QEBD500)
90 Min. Fire Rating

Hinge Reinforcement
14-gauge, unique extruded holes provide the strength of a 12-gauge hinge reinforcement

Prime Bright White EG
Galvanized 20-gauge steel to provide superior corrosion resistance and an optimal surface for painting

Door, sill and inner frame are pre-assembled.
Exploded view shown for detail.