

Askin, Tim

From: Josh Fraundorf <josh.fraundorf@gmail.com>
Sent: Saturday, September 16, 2017 11:37 AM
To: Askin, Tim
Subject: Fwd: RE: 2625 n lake Dr project for Irum

----- Forwarded message -----

From: "MARK T BUECHEL" <mtbuechel@wisc.edu>
Date: Sep 16, 2017 9:29 AM
Subject: RE: 2625 n lake Dr project for Irum
To: "Josh Fraundorf" <josh.fraundorf@gmail.com>
Cc: "Irum Ziauddin (iziauddin@gmail.com)" <iziauddin@gmail.com>

The project was conditionally approved this morning so you are free to start. Copies are in the mail. Here are the five conditions. The last one is particularly important, they do not specify the mortar that will be used for the pointing or partial chimney reconstruction. Do not use a type N mortar to reconstruct the top of the chimney, (most will want to use N or even harder and it will result in denial of the entire project) both the pointing and reconstruction should be **type O or softer** unless they provide a lab test proving the existing mortar is harder.

1. **GAF timberline Natural Shadow series architectural shingles are approved for this project in any of the following solid colors: earth tone colors such as dark green, dark gray, dark brown, dark reddish-brown; or a color simulating weathered wood. (Red, green, or blue shingles are not appropriate unless precedent exists that proves they were the historic color.)**
2. **If the roofing work involves installation of vents, the following types of vents are approved: 1) shingle-over roll ridge vents (low profile) that run the entire length of the ridge, covering 100% of any ridge they are installed on, or 2) "mushroom" or "slant-back" vents installed on the rear portions of the roof, not visible from public rights-of-way. If you elect to install other types of vents or vents in different locations, you must submit manufacturer's information for review and approval prior to installation.**
3. **When installing new flashing at the masonry chimney, the flashing must be stepped or cut into the mortar joints. The bricks may not be cut to install flashing at an angle.**
4. **The partially rebuilt chimney must be rebuilt to exactly match the historic including bonding pattern, corbeling, and other details. Accurate measurements shall be taken prior to disassembling so the new chimney exactly matches the historic without alteration. Up close photos of the completed chimney must be provided with the final certification that when compared to the pre-project photos exactly match in all dimensions or the overall project will be denied.**

5. In carrying out both the reconstruction and pointing work, you must ensure that: 1) removal of the existing mortar does not damage the brickwork; 2) the mortar color, appearance, and tooling of joints matches the original exactly; and 3) the new mortar is sufficiently soft to prevent damage to the original brickwork. Unless laboratory testing reveals that the original mortar is unusually hard, the building should be pointed AND the chimney rebuild using mortar that is no harder than ASTM, Type O, which consists of 1 part Portland cement, 2 parts hydrated lime and 9 parts sand. To match the color of the original mortar, the mason may need to use white, rather than gray, Portland cement tinted to match the existing. We recommend you have the mason complete a test it is suggested that you require the mason to apply a test panel of repointed mortar at an obscure area of the house, that you approve the test panel to ensure its exact match with the house's original mortar joints, and that the contract be written to require the mason to match the approved test panel.

Mark T Buechel, AIA

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From: Josh Fraundorf [mailto:josh.fraundorf@gmail.com]

Sent: Friday, September 15, 2017 11:16 AM

To: MARK T BUECHEL

Subject: [2625 n lake Dr](#) project for Irum

Hey Mark,

We were hoping to start Irum's roof project next week with our schedule if that's possible but are waiting to hear if her approval is in place? If there is any way you could confirm that would be greatly appreciated. Have a great weekend..