

From: David Latulippe <ddlatulip@aol.com>
To: <JF@portlandmaine.gov>
CC: <dcm.danmiller@gmail.com>, <jason.donovan@bangor.com>
Date: 7/8/2015 10:57 AM
Subject: Fwd: Bangor Savings Bank - Marginal Way
Attachments: image003.jpg; Sidewalk Rendering 6-28-15.JPG

Jean,

We have investigated the transparency of the proposed glazing for the Bangor Savings project. In accordance with the B-7 Design Principles, Bangor Savings has aggressively incorporated "green" design and sustainable technology into the architectural design. The proposed glazing is very comparable to the Intermed building which has the Apothecary by Design on the first floor which is very visible and provides an active streetscape feel. The front of the Bangor Savings building faces south which is ideal for the solar panels being installed on the roof but subjects the façade to solar heat gain. In order to meet the transparency standard, the AC system would have to be substantially increased resulting in significantly higher energy consumption. This is an example of where the standards conflicts.

The proposed storefront exceeds the design standards in quantity of glass and is located directly in front to the proposed new 8 foot wide brick sidewalk. The attached rendering portrays how pedestrian oriented the façade of the building will be. Bangor Savings' strong preference is to install the high performance glass and maintain the current energy efficient design. We request a waiver to the transparency standard, similar to the one granted to the Intermed building.

Should you have any questions or need any additional information, please do not hesitate to contact me.

Sincerely,

David Latulippe

-----Original Message-----

From: Johnson, Troy <tjohnson@sigcoinc.com>
To: 'David Latulippe' <ddlatulip@aol.com>; dcm.danmiller <dcm.danmiller@gmail.com>
Sent: Wed, Jul 8, 2015 9:59 am
Subject: Bangor Savings Bank - Marginal Way

Hi David,

Confirming our telephone conversation:

The Intermed building is glazed with product similar to the proposed BSB product, but the BSB product is much higher performing.

The vision glass on Intermed has a VLT of 61%, with a SHGC of 0.45.

The proposed vision glass for BSB has a VLT of 56%, with a SHGC of 0.32.

Simply put, the proposed glass for BSB allows approximately 30% less solar heat gain, while reducing the visible light transmitted by only 5%.

Please let me know if you would like to discuss this further or if you require additional product literature or

samples.

Thank you,

Troy

Troy Johnson, CSI, CCPR

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