



Laurie Leader <lr@portlandmaine.gov>

Re: BP#2016-01901 49 Hancock Street

1 message

Hiroko Lindsey <hiroko@lindseyarchitects.com>

Thu, Dec 8, 2016 at 2:02 PM

To: Laurie Leader <lr@portlandmaine.gov>

Cc: Liv Chase <livchase@yahoo.com>, Keri Ouellette <kouellette@portlandmaine.gov>

Hi Laurie,

Thank you for getting back to me.

1. I have attached Cover sheet with this email. Please review.
2. I have attached LS 1.1 with this email. Please review. As discussed previously, it is little over 50' and would like to use IBC 2012.
3. Eliminated calculation for the south side windows and door. Added note clarifying all the windows and doors within 10' from the property line must be 3/4 hour fire rated on the south side.
4. Special inspection for intumescent paint. Note added on A1.1, A1.2, and A3.2. The paint will be applied per manufacture's specification, and the paint will be inspected by Architect prior to covering wall or roof/ceilings.
5. The 1 hour rated wall will be achieved by applying 50 mil (30 mil dry) of the wet coat of intumescent over the existing sheathings. See attached FlameOFF information.
6. 715.5.6 I don't have IBC 2009 commentary, but 715.5.6 only specify the fire windows to have the automatic closure. I called the window manufacturer, and they confirm that they would meet all IBC requirements. The manufacturer is supposed to send me the email with their statement, but I have not received it yet. I will forward it to you as I get it. Here is their web page link: <http://www.fyretec.com/codes.php>
7. 715.4.8 Door closure. I am sending you the cut sheet. It will meet NFPA 80 requirements which further specifying to meet UL 10C. Note added on A2.3.

I was going to follow up with you this afternoon, but since I am sending you additional revision today, I will follow up with you tomorrow afternoon.

Best Regards,

Hiroko Lindsey, Architect

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On Thu, Dec 8, 2016 at 10:19 AM, Laurie Leader <lr@portlandmaine.gov> wrote:

Hiroko,

Can you please provide the following:

- I do not see the cover sheet attached. Can you please forward revisions for Cover 1.0.
- I do not see the revised life safety plan LS 1.1. Please revise travel distance and resubmit.
- Given line item 3 on email dated December 6, 2016, can you eliminate calculations on elevations and clarify that all openings on the south elevation will be protected.
- Provide special inspections for the intumescent fire-rated coatings.

- Lab test for wall assemblies as you provided with floor/ceiling assemblies.
- See Section 715.5.6 Installation. The specifications sent for the windows do not meet the criteria of automatic-closing. Per the commentary, the glazing further clarifies this is to be actuated by a detection device.
- Provide specifications for protected doors with door closings to meet Section 715.4.8.

Thanks,

Laurie

On Tue, Dec 6, 2016 at 7:00 AM, Hiroko Lindsey <hiroko@lindseyarchitects.com> wrote:

Hi Laurie,

Thank you for your call yesterday.

Please review the attached revision per your comments.

Summary:

1. 1.0 Cover Sheet: Occupant load number rounded up.
2. A1.1 "Flame OFF" cut sheet attached with this email. The cut sheet shows fire rating with the paint thickness needed to apply.
3. A2.3 Eliminated "mixed opening" All the openings in the south elevations to be protected. 25% protected openings are allowed per Table 705.8 The posts added on the elevation.
4. A3.2 2-hour rated roof assembly. The cut sheet from the shield industries shows the floor-ceiling assembly. The existing roof is 2x light wood framing and similar to the floor-ceiling assembly shown on the cut sheet. To retrofit the existing wood structure to 2-hour rated assembly (up to 4'-0" from the addition), the existing roof rafters will be coated with 30 mil thickness of intumescent paint, replace existing ceiling with 5/8 type x gypsum board, and apply additional 30 mil thickness of intumescent over the type x gypsum board. I will forward the email from Jill Murphy of the shield industries for your review.
5. A3.3 Our calibration of the drawing shows the mezzanine level to be 10' away from the property line. I added the note clarifying that the mezzanine wall must be 10' away from the property line and must be confirmed on the field before constructing the wall. The similar note added on A1.4
6. A3.3 Section 705.2.3 Fire retardant treated wood will be used for the deck construction. Please see "D-Braze" cut sheet attached to this email.
7. A4.1 C-01 detail eliminated. No parapet wall proposed.
8. S1.1 Foundation added for deck posts. Deck posts to be steel posts.

Please review and comments. If you have any questions please let me know. I will plan to follow up with you on Wednesday at 1pm.

Best Regards,

Hiroko Lindsey, Architect
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7 attachments



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A1.1 - Plans.pdf

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A1.2 - Plans.pdf

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A2.3 - Elevations.pdf

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COV1 - Cover.pdf

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