Portland Maine Yes. Google's good here.

Jeanie Bourke <jmb@portlandr

Reviewed for Code Compliance
Inspections Division
Approved with Conditions
Date: 04/07/17

169 Newbury St., HVAC permit #2017-00010 plan review comments

7 messages

Jeanie Bourke <jmb@portlandmaine.gov> Thu, Mar 23, 2017 at 9:56 AM
To: mgoodrich@hvacserv.com

Good Morning Mike,

I am reviewing this application and need some additional plans and details in order to approve this permit.

1. Building/wall sections showing duct locations in relation to the fire rated assemblies.

2. Details on damper requirements at ducts and diffusers per IBC Sec. 716.

Let me know if you have any questions.

Thanks,
Jeanie

Jeanie Bourke
Code Enforcement Officer/Plan Reviewer

City of Portland
Permitting and Inspections Department
389 Congress St. Rm 315
Portland, ME 04101
jmb@portlandmaine.gov
(207)874-8715

Mike Goodrich <mgoodrich@hvacserv.com> Thu, Mar 23, 2017 at 2:39 PM
To: Jeanie Bourke <jmb@portlandmaine.gov>

Good Afternoon Jeanie,

All penetrations through 1 hour assemblies shall be solid ducting of a min of 26 gauge duct and do not require fire dampers per IBC sec 216.5.2 exception 3 with fully automatic sprinkled building. We have avoided any penetrations with any fire rated assemblies greater than 1 hour.

Landry French has a 3rd party independent company doing fire stop and sealant for all penetrations.

Let me know if you need anything else

Mike Goodrich

Piping Coordinator

Reviewed for Code Compliance
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Approved with Conditions
Date: 04/07/17

HVAC Services

73 Bradley Drive

Westbrook, ME 04092

(207)854-4822

From: Jeanie Bourke [mailto:jmb@portlandmaine.gov]
Sent: Thursday, March 23, 2017 9:56 AM
To: Mike Goodrich <mgoodrich@hvacserv.com>
Subject: 169 Newbury St., HVAC permit #2017-00010 plan review comments

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This email has been scanned for spam and viruses by Proofpoint Essentials. Click here to report this email as spam.

Jeanie Bourke <jmb@portlandmaine.gov> Mon, Mar 27, 2017 at 1:44 PM
To: Mike Goodrich <mgoodrich@hvacserv.com>

Hi Mike,

Thank you for this information, just to clarify (typo) the section you are referencing is 716.5.2. In addition, please confirm the same for smoke damper requirements per Sec. 716.5.4.1 and for ceiling radiation dampers in membrane penetrations per Sec. 716.6.2.

For plan review purposes, it would be helpful to have an M sheet with specifications, materials legend and general notes that address this information. I understand these can be somewhat boilerplate items, however, it should also include project specific details that provide pertinent code information.

Good to hear that there will be 3rd party firestop installer, as you know, these are complicated systems that have very specific details for each type of penetration.

Let me know if you have any questions.

Jeanie

Jeanie Bourke
Code Enforcement Officer/Plan Reviewer

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Mike Goodrich <mgoodrich@hvacserv.com> Fri, Mar 31, 2017 at 12:40 PM
To: Jeanie Bourke <jmb@portlandmaine.gov>

Hi Jeanie,

I was referencing 716.5.2 not 216.5.2.

716.5.4.1 Corridors , again we will be installing solid duct not less than 26 gauge. 716.6.2.1 Ceiling radiation dampers ASTM E 119 with solid duct not less than 26 gauge. I will work on a M sheet for future applications. Please let me know if you need anything else.

Thank You,

Mike Goodrich

Piping Coordinator

HVAC Services

73 Bradley Drive

Westbrook, ME 04092

(207)854-4822

From: Jeanie Bourke [mailto:jmb@portlandmaine.gov]
Sent: Monday, March 27, 2017 1:45 PM
To: Mike Goodrich <mgoodrich@hvacserv.com>
Subject: Re: 169 Newbury St., HVAC permit #2017-00010 plan review comments

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Jeanie Bourke <jmb@portlandmaine.gov> Wed, Apr 5, 2017 at 3:39 PM

Reviewed for Code Compliance
Inspections Division
Approved with Conditions
Date: 04/07/17

To: Mike Goodrich <mgoodrich@hvacserv.com>

Thank you Mike, my apologies for the delayed reply, I do need some additional clarification.

Can you please confirm your response to the ceiling radiation dampers? Are you saying they will be installed as t
ASTM E 119?

If not, will they comply with exception 1 that requires tests in accordance with the same standards that show that dampers are not required?

Thanks,
Jeanie

Jeanie Bourke
Code Enforcement Officer/Plan Reviewer

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Mike Goodrich <mgoodrich@hvacserv.com> Thu, Apr 6, 2017 at 11:06 AM
To: Jeanie Bourke <jmb@portlandmaine.gov>

Good morning Jeanie,

If Conditions prevent us from ducting them with 26 gauge pipe we will need to install per ASTM E 119. Our intent is to hard duct all terminations for 1 hour rated assemblies. Our bath room exhaust fans will not meet the requirement, radiation dampers will be provided by manufacturer (Panasonic). I attached the spec sheet for the Panasonic radiation dampers.

Thank you,

Mike Goodrich

Piping Coordinator

HVAC Services

73 Bradley Drive

Westbrook, ME 04092

(207)854-4822

Reviewed for Code Compliance
Inspections Division
Approved with Conditions
Date: 04/07/17

From: Jeanie Bourke [mailto:jmb@portlandmaine.gov]
Sent: Wednesday, April 05, 2017 3:40 PM

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PANASONIC RADIATION DAMPER.pdf
270K

Jeanie Bourke <jmb@portlandmaine.gov> Fri, Apr 7, 2017 at 9:08 AM
To: Mike Goodrich <mgoodrich@hvacserv.com>

Hi Mike,

Thank you for the clarification, I am approving this permit, it will be sent via email shortly.

Have a great weekend,

Jeanie

Jeanie Bourke
Code Enforcement Officer/Plan Reviewer

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