
Question regarding plumbing decision at Brick South at Thompson's Point

11 messages

Katherine Detmer <detmer@archetypepa.com>
To: Jeanie Bourke <jmb@portlandmaine.gov>

Thu, Dec 15, 2016 at 8:33 AM

Good Morning Jeanie,

An RFI has come through regarding plumbing at Brick South. Due to changes in slab elevations caused by site conditions, a small portion of the sewer drains would now need to be sloped at 1/8" per foot to work with the finish floor elevation. According to Justin at Bennett Engineering, section 708 of the Maine State Plumbing Code states that it is up to the Authority Having Jurisdiction to allow for such a change so the contractor has asked if I could bring this to the city and request allowance. I am not sure who to send questions regarding plumbing and was wondering if you could guide me.

Thanks,

Katherine



[Katherine Detmer](#)

48 Union Wharf | Portland, Maine 04101

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detmer@archetypepa.com

<http://www.archetype-architects.com>

Jeanie Bourke <jmb@portlandmaine.gov>
To: Jonathan Rioux <jrioux@portlandmaine.gov>, Douglas Morin <drm@portlandmaine.gov>

Thu, Dec 15, 2016 at 9:44 AM

Take a look, what do you think?

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

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Douglas Morin <drm@portlandmaine.gov>
To: Jeanie Bourke <jmb@portlandmaine.gov>

Thu, Dec 15, 2016 at 2:36 PM

Hi Jeanie,

That is acceptable for 4" and above not smaller, but they have to adhere to Table 7-5 Note # 5. It changes horizontal fixture counts.

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--

Douglas Morin

Code Enforcement Officer, Team Leader
City of Portland
Permitting and Inspections Department
389 Congress Street Rm 315
Portland, Maine 04101
Office: [207.874.8705](tel:207.874.8705)
Support Staff: [207.874.8703](tel:207.874.8703)
DRM@portlandmaine.gov

Jeanie Bourke <jmb@portlandmaine.gov>

Fri, Dec 16, 2016 at 2:10 PM

To: Katherine Detmer <detmer@archetypepa.com>, Douglas Morin <drm@portlandmaine.gov>

Hi Katherine,

We have reviewed Section 708 and Table 703.2 of the 2015 UPC and find that a 1/8 inch per foot is acceptable to approve only for 4" and above diameter drainage pipe when the horizontal fixture units are multiplied by a factor of 0.8. See footnote 5 in Table 703.2.

Please ask Justin to provide the calculations for this change in slope and confirm a minimum of 4" pipe is being installed.

Best,

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

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Katherine Detmer <detmer@archetypepa.com>

Fri, Dec 16, 2016 at 2:24 PM

To: Jeanie Bourke <jmb@portlandmaine.gov>

Thanks so much Jeanie,

I just spoke to Justin and he will put together the information for you.

Katherine

From: Jeanie Bourke [mailto:jmb@portlandmaine.gov]
Sent: Friday, December 16, 2016 2:11 PM
To: Katherine Detmer <detmer@archetypepa.com>; Douglas Morin <drm@portlandmaine.gov>
Subject: Re: Question regarding plumbing decision at Brick South at Thompson's Point

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Notice: Under Maine law, documents - including e-mails - in the possession of public officials or city employees about government business may be classified as public records. There are very few exceptions. As a result, please be advised that what is written in an e-mail could be released to the public and/or the media if requested.

Katherine Detmer <detmer@archetypepa.com> Fri, Dec 16, 2016 at 3:03 PM
 To: Jeanie Bourke <jmb@portlandmaine.gov>

Jeanie,

The following is Justin's breakdown of the plumbing for that drain. Please let me know if this is adequate.

Thanks,
Katherine

Begin forwarded message:

From: Justin <Justin@bennettengineering.net>
Date: December 16, 2016 at 3:01:33 PM EST
To: Katherine Detmer <detmer@archetypepa.com>
Subject: RE: Question regarding plumbing decision at Brick South at Thompson's Point

Katherine,

Here is the breakdown for the fixtures connected to the sanitary line from the bar area.

<u>Fixture</u>	<u>DFU Each</u>	<u>DFU Total</u>
Floor Sinks (14)	6	84
Floor Drains (5)	6	30
<u>Sinks (6)</u>	<u>2</u>	<u>12</u>
Total		126

Allowable on 4" sanitary line at 1/4" per foot – 216

Allowable on 4" sanitary line at 1/8" per foot – 172 (216 * 0.8)

Justin Valliere, P.E.

Mechanical Engineer

Bennett Engineering

(P) 207-865-9475

(F) 207-865-1800

From: Katherine Detmer [<mailto:detmer@archetypepa.com>]

Sent: Friday, December 16, 2016 2:19 PM

To: Justin

Subject: FW: Question regarding plumbing decision at Brick South at Thompson's Point

Justin,

Please see attached response from Jeanie.

Thanks,

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Jeanie Bourke <jmb@portlandmaine.gov>
To: Katherine Detmer <detmer@archetypepa.com>

Fri, Dec 16, 2016 at 3:33 PM

This is great, thank you!

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

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Katherine Detmer <detmer@archetypepa.com>
To: Jeanie Bourke <jmb@portlandmaine.gov>

Fri, Dec 16, 2016 at 4:03 PM

So we are all set with the 1/8" per foot? I just want to make sure.

Thanks,
Katherine

Sent from my iPhone
[Quoted text hidden]

Jeanie Bourke <jmb@portlandmaine.gov>
To: Katherine Detmer <detmer@archetypepa.com>

Mon, Dec 19, 2016 at 8:35 AM

Yes, based on the fixture calculations provided, the 1/8 inch per foot slope is approved.

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

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Katherine Detmer <detmer@archetypepa.com>
To: Jeanie Bourke <jmb@portlandmaine.gov>

Mon, Dec 19, 2016 at 8:38 AM

Thank you.

Katherine

From: Jeanie Bourke [mailto:jmb@portlandmaine.gov]
Sent: Monday, December 19, 2016 8:35 AM
To: Katherine Detmer <detmer@archetypepa.com>

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Jeanie Bourke <jmb@portlandmaine.gov>
To: Douglas Morin <drm@portlandmaine.gov>

Mon, Dec 19, 2016 at 8:38 AM

Hi Doug,

Here are the calculations for the horizontal fixtures with the 1/8 inch per foot slope, I have approved this reduction and will save this email in the G drive.

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

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

From: **Katherine Detmer** <detmer@archetypepa.com>

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