

Ryan Morrison

From: Medash, Kyle <Kyle.Medash@vermont.gov>
Sent: Wednesday, March 03, 2021 11:08 AM
To: Ryan Morrison
Subject: RE: DEC - Floodplain Notification - 2-14 King Street - Spot on the Dock remodel/new bathroom structure

[WARNING]: This email was sent from someone outside of the City of Burlington.

Hi Ryan,

Thank you for the additional information on the flood vents, this is exactly the detail that is needed to document the use of engineered flood openings. When the DRB is considering the project, another item I would recommend confirming with the applicant is to make sure that any utilities, mechanical, and electrical systems are located above the BFE and protected from flooding in accordance with design specifications outlined in 4.5.4(f). Currently there is not much detail on this in the plans, so I wanted to raise this as an item for the DRB to confirm with the applicant. For this particular proposal, this would include check valves for backflow protection on all water lines to ensure floodwaters cannot infiltrate the water lines, in addition to elevating any mechanical or electrical systems servicing the building above BFE. Should the applicant have any questions on protecting building utilities from flood damage, FEMA has published this guidance document outlining various measures on how to achieve this (link below).

https://www.fema.gov/sites/default/files/2020-07/fema_p-348_protecting_building_utility_systems_from_flood_damage_2017.pdf

Please let me know if you have questions or need further assistance with this project. If built as proposed and the above information is confirmed, no further information is needed by the DEC Rivers Program.

Thanks,



Kyle Medash | Western Floodplain Manager
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Due to the coronavirus (COVID-19), the Agency of Natural Resources is taking additional safety measures to protect our employees, partners and customers. We anticipate we will be working remotely until at least March 31, 2021 and encourage you to communicate electronically or via phone to the greatest extent possible. Thank you for your patience and understanding that responses may occasionally be delayed.

From: Ryan Morrison <rmorrison@burlingtonvt.gov>
Sent: Tuesday, February 23, 2021 9:10 AM
To: Medash, Kyle <Kyle.Medash@vermont.gov>
Subject: Fw: DEC - Floodplain Notification - 2-14 King Street - Spot on the Dock remodel/new bathroom structure

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Good morning Kyle