

March 6, 2017

Project 171.06025

Scott Hastings
Assistant Town Planner
186 York Street
York, Maine 03909-1314

RE: Union Bluff Hotel Peer Review
York, Maine

Dear Scott:

Ransom Consulting, Inc. (Ransom) has reviewed the submission provided by Frederick S. Dolice of CLD Consulting Engineer, Inc. The package was received on February 28, 2017, as emailed from Scott Hastings, Assistant Planner. The review has focused on stormwater grading, drainage and erosion control. The following comments are reflective of our review.

Plan Comments

1. Sheets C3 and C4 show stormwater sheet flowing across the public sidewalk in the front lawn area. There is a proposed stormdrain running through this area that can easily have additional field inlet connected to it that would collect the stormwater before it flows over the sidewalk and into the street. This is a icing concern.
2. Sheets C3 and C4 appear to show that the Pavilion Area will be sheet flowing to the stairs or the ADA ramp. Sheet C5 shows a Drain Manhole in the Pavilion Area that could intercept the flow if the area was regraded. This reduces the icing on the stairs and ramp.
3. Sheet C5 shows FSMH 1 with a rim elevation of 15.50 though it is located between a 16 and 18 contour.
4. Sheet C5 shows FSMH 2 with a rim elevation of 19.50 though it is located between a 20 and 21 contour.
5. Sheet C5 shows the sewer service crossing the proposed stormdrain near FSMH 1. Without knowing the exiting elevation from the building, a conflict cannot be determined.

Stormwater Report Comments

1. Tables 1 and 2 should be modified to show the "Change".
2. The Conclusions state an increase in the peak stormwater discharge rate for Analysis Points 1 and 2. However, the tables show a decrease for Analysis Point 1.

Scott Hastings
Town of York

General Comments

1. The applicant may want to consider backflow prevention on the drains entering FSMH 1. The tidal action has been known to come up that high and has been higher with wave surges.

This concludes our review of this submission package. I trust these comments assist the Town in their review of the site plans. If you have any questions, please feel free to give me a call at (207) 772-2891.

Sincerely,

RANSOM CONSULTING, INC.



Stephen J. Bradstreet, P.E.
Principal/Senior Project Manager

SJB:sjb

From: [Leslie Hinz](#)
To: [Scott Hastings](#)
Subject: RE: Union Bluff Peer Review
Date: Tuesday, March 07, 2017 4:26:18 PM

Scott,

I reviewed the Union Bluff plans and have a few comments/questions.

- 1) The plan proposes that three of the four manhole drains will have Fabco Stormsafe Manhole pre-treatment cartridge inserts installed. I would suggest the following language be included in the final approval.

“Post-construction requirements should include inspection of the Fabco cartridge inserts and filters once a year, and after a significant storm event. A written report of inspections and maintenance is to be submitted to the Stormwater Manager on or before July 1 of each year.”

- 2) I have a concern with sheet flow existing the parking ramp. Will stormwater run-off be diverted to a catch basin?
- 3) There is a typo on Sheet D-5 under Dust Control Practices. Reference is made to the New Hampshire Stormwater Manual, Volume 3. It should be the “Maine Erosion and Sediment Control Practices Field Guild for Contractors”.

Leslie

Leslie Hinz/*Stormwater Manager/Asst CEO*

Town of York

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From: Scott Hastings
Sent: Tuesday, March 07, 2017 3:19 PM
To: Leslie Hinz <lhinz@yorkmaine.org>
Subject: FW: Union Bluff Peer Review

Scott Hastings
Assistant Planner
Town of York, Maine

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From: Stephen J. Bradstreet [<mailto:stephen.bradstreet@ransomenv.com>]
Sent: Monday, March 06, 2017 3:07 PM
To: Scott Hastings <shastings@yorkmaine.org>
Subject: Union Bluff Peer Review

Scott
Attached are my comments
Steve



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