

## Karen Molloy

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**From:** Jim Grappone  
**Sent:** Tuesday, December 15, 2020 2:16 PM  
**To:** Jim Cassidy  
**Cc:** Rob Phillips; Karen Molloy; Jennifer Montone; David Lavallee  
**Subject:** Re: planning comments - SPR #1770.1 Dunkin - 1825 M & W Rd

Jim, I agree with your recommendations as noted in your responses to Engineering comment below. Thank you

Sent from my iPhone

On Dec 15, 2020, at 1:58 PM, Jim Cassidy <[jcassidy@hpcengr.com](mailto:jcassidy@hpcengr.com)> wrote:

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Hi Jim,

Thank you for your comments. My responses are in red below i:

- Confirm the 4-foot wide landscaped island will not cause a sight line issue. The island curbing should be painted with high visibility paint.  
The 4 wide landscape is land will be planted for a low mounded evergreen shrub, such as "Hetz Midget Thuja Shrub" or "Blue Star Juniper". The owner would prefer not to paint the curbing. The proposed curbing is going to be concrete (light gray) and black asphalt paving, therefore it should be highly visible.

- Confirm the soil conditions and percolation rate at the bottom of the proposed drywell.  
We dug a test in the area of the proposed drywell on Monday Nov. 30, 2020. Below is a photo the this test pit and the results are as follows: 0-8" topsoil, 8"-72" tan fine sand, 72"-118" reddish fine to medium sand, no ground water, no mottling and no ledge.

It the when we dug this test pit, I was not safe to do a percolation test at the bottom. I would recommend that as a condition of approval, that prior to installation of the drywell that we are required to preform a percolation test at the bottom of system elevation. If a percolation rate slower than 5 mins./inch in found the size of the system will be increased accordingly.  
<image002.jpg>

Please let me know if you need anything else.

Thank you,

*James P. Cassidy, P.E.*

Hallisey, Pearson & Cassidy Engineering Assoc., Inc.  
630 Main Street, Suite #1A  
Cromwell, CT 06416  
Phone: 860-529-6812  
Fax: 860-721-7709