

Jessica Verrigni

From: Jimmie Joe Carl <jjcarl@stny.rr.com>
Sent: Wednesday, January 10, 2018 10:38 AM
To: 'Karl Schwesinger'
Cc: 'Tom Whispel'; 'Jessica Verrigni'
Subject: Hayes Residential SWPPP

Karl:

I have the following input regarding the Hayes Residential SWPPP and Plans that you dropped off late yesterday afternoon.

1. It is recommended that the specification for the proposed Non-Woven Geotextile be provided on the plans, to help make sure that an appropriate geotextile is installed.
2. In regards to the proposed Washed Stone, it is noted that "clean washed gravel" be used. This may be confusing for the contractor. You may want to specify a standard washed stone.
3. In regards to the rip rap stilling basin, it is recommended that dimensions be added to the Rain Garden Detail to better define the size of the a "stilling basin" and "berm area".
4. It may be helpful to have the dimensions of the Rain Garden on the Rain Garden Detail. On the detail, it may be confusing for the contractor, given the relative size shown of the rip rap area in relation to the adjacent portion of the rain garden.
5. It may be helpful to note that a cap is required on the underdrain pipe.
6. A detail of the proposed catch basin may be helpful. Is a sump proposed?
7. What is the invert elevation of the perforated pipe, the inlet and outlet of the catch basin, the top of the soil media, etc?
8. In an overflow situation, storm water would be directed to the 4-inch dia. solid drain pipe. Given that this stormwater could carry leaves, mulch, etc, this pipe could be prone to clogging. Furthermore, with this arrangement debris and sediment could be introduced to the perforated pipe and washed stone bed.

Please call to discuss.

Sincerely - Jimmie Joe Carl, P.E.