

From: Giovanni Zinn [mailto:gzinn@newhavenct.gov]
Sent: Thursday, April 1, 2021 10:33 PM
To: Thomas L. Vocelli <TVocelli@Hamden.com>
Cc: Zachary Shapiro <ZShapiro@newhavenct.gov>
Subject: Re: proposed catch-basin at the East Rock Park maintenance yard

In response to neighborhood concerns, we propose adding the double catch basin behind the existing inlet grate in order to serve as a backup inlet to prevent water from spilling over into the road and into properties across the street. If the existing inlet grate is blocked or overwhelmed, the new catch basin will receive flow before the water spills onto the street.

We are trying to minimize impacts to the wetland by maintaining the existing inlet and therefore existing hydrology during most normal events. The new catch basin comes into play only in large overflow events and will act analogous to a sink or bathtub overflow to prevent flooding. The new catch basin top will be above the grade of the existing inlet but below the level of the road curb. The excavation for installation will be limited and out of the direct watercourse.

Please let me know if you need more info. The drawing is diagrammatic in so much that we do not know the exact invert of the existing pipe and grate, and need the wetland permit to excavate the pipe to determine its elevation.

Thanks

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