

MEMORANDUM



TO: Jean Fraser
FROM: Dan Goyette, PE
DATE: July 31, 2008
RE: 355 Warren Avenue

Woodard & Curran has reviewed the Application for Site Plan Review for 355 Warren Avenue in Portland. Stormwater drainage improvements are proposed in the "tow yard" including two new catch basins, a new drain manhole and 158 feet of storm drain. The project includes associated grading.

Documents Reviewed

- Application and attachments for Site Plan Review for 355 Warren Avenue, prepared by Northeast Civil Solutions on behalf of John Vance, dated July 11, 2008.
- Engineering plan sheets, for 355 Warren Avenue, prepared by Northeast Civil Solutions, on behalf of John Vance, dated July 11, 2008.

Comments

- The applicant should confirm that the survey for the project coincides with approved City standards. The applicant states that this requirement has been waived but we are not aware of any such agreement. If there is not an agreement, the survey needs to be tied to the vertical datum of NGVD 1929. Also, the project needs to be tied to the Maine State Plane Coordinate System (2-zone projection), West Zone using the NAD 1983 (HARN) Datum and the U.S. Survey Foot as the unit of measure. This should be indicated on the survey.
- The catch basin detail should call out a Casco Traps and a detail for the Casco Traps should be provided.
- A Stormwater Management Plan has not been provided. Based on the available parking spaces, stormwater treatment will be required.
- Erosion Control Measures have not provided.
- Provide 12" of crushed stone over storm drain pipe.
- The manhole detail shows only RCP while the plans show ADS N12 pipe. ADS N12 pipe is not allowed within the City Right-of-Way.
- The narrative lists 355 Warren Avenue but the plan cover page lists 38 Warren Avenue as the location for the project.

Please contact our office if you have any questions.

DRG
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