



**TOWN OF BROOKLINE**  
*Massachusetts*

**DEPARTMENT OF PUBLIC WORKS**  
Engineering & Transportation Division

*Erin Chute Gallentine*  
Commissioner  
*Robert King, P.E.*  
Director

**Interoffice Memorandum**

To: Robert King, P.E., Director of Engineering & Transportation  
From: Dan O'Donnell, Engineering & Transportation Division  
Date: 8/13/2021  
Re: 108 Centre St - Site Plan Review (40B)  
cc: Jay Hersey, P.E., Engineering & Transportation Division  
Fred Russell, P.E., Director of Water & Sewer

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**108 Centre Street – Site Plan Comments**

**General Comments**

- Provide Water & Sewer demand impact calculations for proposed development;
- Sizes for proposed fire and domestic water services must be on plans
- Hydrant flow test shall be coordinated with results provided to Town
- Soil testing results shall be provided for infiltration system design;
- No information/detail provided for proposed infiltration system;
- Determine location of existing upstream and downstream water line gates in Centre Street to determine if cut-in tee with water gate connections are required;
- Provide sewer and drain connection profiles;
- This project will need a CMP.
- Applicant may need a NPDES Construction Site Dewatering Permit (please review)
- Erosion and Sediment Control Plan shall be provided.

**Sheet C-100**

- Please review existing curb cuts. Applicant shall close curb cuts not being used by the project.

- Missing bearings on property lines.

#### Sheet C-200A/B

- It appears the site is being made 100% impervious. Suggest applicant review opportunities to increase pervious surfaces on the property.

#### Sheet C-300

- Sheet C-300, Existing Utilities need to be cut & capped at their respective mains.
- We don't require a SMH or DMH at the main, applicant can use an inserta tee or approved equal connection.
- At a minimum, the increase in impervious area must be mitigated through the 25-year storm event (infiltration or detention).
- The infiltration system should include a barrier to keep water from migrating through the foundation.
- In the notes section change "City" to "Town" of Brookline.

#### Sheet C-500

- Missing stormwater tank details

#### Stormwater Report

- The site stormwater flows are split with the majority of the water going directly the Town system. Per site plan checklist, any increase in impervious must be retained and infiltrated on site (through the 25-year storm event). System should be modeled through 100-year storm event to understand implications on Town system. If there are questions on the modeling or requirements, DPW welcomes a discussion.