

CITY OF NEWTON  
Department of Public Works  
ENGINEERING DIVISION

Memorandum

To: Councilor Alison Leary, Facilities Committee Chair.

From: John Daghlian, Associate City Engineer

Re: Dain Main extension Petition ~ 45 Cross Hill Road

Date: October 20, 2022

CC: Jim Mcgonagle, Commissioner  
Shawna Sullivan, Chief of Staff  
Lou Taverna, PE City Engineer  
Thomas Fitzgerald, Director of Utilities  
Doug Valovcin, Deputy Director  
Cassidy Flynn, Associate City Clerk  
Domnic Warren, PFC Clerk

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In reference to the above location, the following are my comments for a plan entitled:

*Proposed Conditions Site Plan  
Sheets 3 of 3  
Prepared by: Dellorco Associates Inc.  
Dated: August 6, 2022  
Petition Received: October 19, 2022*

Executive Summary:

This was a by right building permit for a new dwelling, the engineer of record designed a stormwater collection and infiltration system for the City design storm, however; due to on site soil conditions an overflow connection is being requested. The applicant is paying 100% of the construction costs to extend the drain main from the point it terminates to approximately +/- 85 feet up to the frontage of #45 Cross Hill Road. Once the main is extended an overflow connection can be facilitated. Upon completion the main drain will become part of the City's stormwater system. The connection to the existing drain manhole shall be cored via a mechanical coring machine, jackhammering shall not be permitted.

Conditions & Special Provisions:

1. The contractor of record shall obtain a Trench, Street Opening, Sidewalk Crossing, and Utility Connection Permits with the DPW prior to construction with appropriate Bonds & Insurance.
2. Pre & post construction Closed Circuit Television (CCTV) shall be performed by the applicant/contractor and witnessed by the City Inspector from the existing drain manhole to the next downstream manhole. A copy of the inspection shall be submitted upon completion to the City Engineer.
3. The Engineering Division makes no representations and assumes no responsibility for the design(s) in terms of suitability for the particular site conditions or of the functionality or performance of any items constructed in accordance with the design(s). The City of Newton assumes no liabilities for design assumption, error or omissions by the Engineer of Record.
4. If a sump pump is connected to this overflow connection and the dwelling is heated via an oil heat system, an MDC oil separator will be required prior to the final overflow connection.
5. Road restoration shall be per the Street Opening Permit.
6. If any service connections are disturbed by the contractor of record during construction, they shall be updated and replaced to the City's current Construction Standards.
7. All downstream catch basins shall be retrofitted with an approved type of siltation control devices, details of this shall be submitted to the City Engineer. The contractor of record shall maintain these catch basins throughout the construction process and ensure that street and property flooding does not occur during construction.
8. Upon final installation an As Built drawing [plan & profile] indicating rim, invert elevations, and slopes shall be submitted in digital and hard copy format to the City Engineer.
9. The contractor of record shall contact the Newton Police Department 48 hours in advanced and arrange for Police detail to help residents & commuters navigate around the construction activity.

If you have any questions or concerns, please call me at 617-796-1023.