



Town of Lexington Fire Department

Derek Sencabaugh
Chief of Department

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Town of Lexington Planning Board
1625 Massachusetts Ave
Lexington, MA 02420

4/28/2023

Planning Board,

I was asked for input on a few questions pertaining to the Major Site Plan Review for the proposed solar project located at Tracer Lane.

We had requested that the fire hydrant be tested in front of 119 Sherbourne Place Waltham be tested for operation and flow. This has been done and the results are attached. They calculations would meet our requirements.

Having the solar panels and the transformer separated by a minimum of 10 feet was requested.

A 20-foot access road onto and through the site that was able to support fire apparatus would be needed and that we would also have access to the right of way service road associated with the overhead power lines. This would allow for safe passage on the site in the event of a fire or emergency.

We would not be using foam in the event we had a fire involving the solar panels, foam is not a requirement to extinguish fires involving solar panels. In Lexington we do have foam but we don't use foam containing PFAS and we shouldn't need it to extinguish brush in proximity to the reservoir. In the event of a fire involving the solar panels we would be extinguishing the fire.

We have a very good long-standing mutual aid agreement with The Waltham Fire Department and would coordinate any emergency response to mitigate events that may arise with them.

Respectfully,

Derek S. Sencabaugh
Chief of Department

Massachusetts
58R Pulaski St.
P.O. Box 3007
Peabody, MA 01960



Tel: (978) 532 2907
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March 29, 2023

Mr. Harrold Nahigian
23 Highland Street
Cambridge, Ma 02138

RE: Hydrant Flow Test Results
119 Sherbourne Place
Waltham, Ma

Gentlemen:

We are pleased to provide the following hydrant flow test results conducted on March 29, 2023 @ 10:00 AM with The Waltham Water Department and Metro-Swift Sprinkler Corporation at the above referenced location.

The gauged hydrant is located in front of 71 Sherbourne Place approximately fifteen-feet (15'-0") lower in elevation and approximately five hundred twenty-two feet (522'-0") from the flow hydrant located in front of 119 Sherbourne Place off an eight-inch (8") water main.

Static Pressure:	93 psi
Residual Pressure:	70 psi
Flow	1,030 gpm

If you should have any questions, please do not hesitate to call this office.

Best regards,

METRO-SWIFT SPRINKLER CORP.

Richard P. Rennick
Sales Representative