



# City of Methuen, Massachusetts

## Department of Public Works

### Engineering Division

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Neil Perry  
*Mayor*

November 16, 2022

To: Community Development  
City of Methuen

From: Stephen J. Gagnon, PWM   
Engineering Department Administrator

Subject: 80 Hampstead Street  
Guzman Lane  
Definitive Subdivision Plan

As requested, I have reviewed the revised plan set prepared by Andover Consultants Inc., dated October 25, 2022. Based on my review of the above, I have the following comments to offer:

1. The plan depicts drywells and infiltration trenches on each lot to mitigate the increase in stormwater runoff from development. Appropriate calculations should be provided to demonstrate the proposed facilities have sufficient capacity to mitigate the increase in runoff up to and including the 100-year event. Suitable test pit information should be included.
2. A note on sheet 6 states the driveway for Lot 2 is to be sloped away from the infiltration trench. Is this correct?
3. Slopes steeper than 3h:1v should be protected with a suitable erosion control blanket.
4. Erosion control should be provided along the east boundary of the site.
5. Crushed stone construction entrances should be provided for each lot.