

February 8, 2021  
**UPDATED** March 3, 2021

Town of Lynnfield Conservation Commission  
c/o Ms. Emilie Cademartori, Director of Planning and Conservation  
Town Hall, 55 Summer Street  
Lynnfield, MA 01940

Re: **UPDATED** Review of Stormwater Permit Application and design plans, calculations, and report  
160 Moulton Drive, Lynnfield, MA

Dear Commission Members:

This **UPDATED** peer review letter report is submitted to you in accordance with our proposal dated Monday, February 1, 2021. A teleconference to discuss the comments in our February 8, 2021 peer review letter report was held on Thursday, February 10, 2021 with the Applicant's Engineer, the Lynnfield Town Engineer, the Lynnfield Director of Planning and Conservation and our firm. **UPDATED** project information was reviewed from the Applicant's Engineer by email on Tuesday, February 12, 2021. **UPDATED** plans for the project were received by email from the Lynnfield Town Engineer on Friday, February 26, 2021.

### **PROJECT REVIEW**

The following are our **UPDATED** comments and observations on the **UPDATED** Site Design Plans, Stormwater Design, Calculations, Report and Management Plan with respect to the requirements of the regulations and standard engineering practice. The comment numbers below refer to our original comments in our February 8, 2021 peer review letter report.

### **GENERAL ISSUES:**

1. ***Comment satisfied by the UPDATED response to comments letter, information, and plans.***
2. ***Comment satisfied by the UPDATED response to comments letter, information, and plans.***
3. ***Comment satisfied by the UPDATED response to comments letter, information, and plans.***
4. ***Comment satisfied by the UPDATED response to comments letter, information, and plans.***
5. ***Comment satisfied by the UPDATED response to comments letter, information, and plans.***
6. ***Comment satisfied by the UPDATED response to comments letter, information, and plans.***
7. ***Comment somewhat satisfied by the UPDATED response to comments letter, information and plans which included an erosion control plan (See NEW COMMENTS A, B & C below).***
8. ***Comment satisfied by the UPDATED response to comments letter, information, and plans.***

**PLAN REVIEW:**

**SHEET C1 (1 of 5) – SITE PLAN:**

9. **Comment satisfied by the UPDATED response to comments letter, information, and plans. A condition has been added to the Special Conditions in the Stormwater Permit requiring two test pits conducted by a Massachusetts Licensed Soil Evaluator be completed and the results submitted to the LCC for review and approval prior to any construction work on the site.**
10. **Comment satisfied by the UPDATED response to comments letter, information, and plans.**
11. **Comment somewhat satisfied by the UPDATED response to comments letter, information, and plans. See separate comments on the Erosion and Sediment Control Plan (Sheet 5),.**
12. **Comment satisfied by the UPDATED response to comments letter, information, and plans.**
13. **Comment somewhat satisfied by the UPDATED response to comments letter, information, and plans. A condition has been added to the Special Conditions in the Stormwater Permit requiring the submission of details for the proposed septic system prior to any construction work on the site to ensure adequate separation from the proposed infiltration system.**

**SHEET C2 (2 of 5) – EXISTING CONDITIONS PLAN:**

14. **Comment somewhat satisfied by the UPDATED response to comments letter, information, and plans (See #9 above).**
15. **Comment satisfied by the UPDATED response to comments letter, information, and plans.**
16. **Comment satisfied by the UPDATED response to comments letter, information, and plans.**

**SHEET C3 (3 of 5) – PHOTOMETRICS PLAN:**

No Comments

**SHEET C4 (4 of 5) – DETAIL SHEETS:**

17. **Comment somewhat satisfied by the UPDATED response to comments letter, information, and plans.. There is a detail for a double cb rim and a shallow cb on this sheet and a detail for a single cb on sheet 5 of the plans. There should only be a detail for a double cb rim and a double cb as there is only one cb proposed for the site and it is a double cb. Details for the drain pipe trench and the roof drain pipe trench have not been added..**
18. **Comment NOT SATISFIED by the UPDATED response to comments letter, information, and plans. A condition has been added to the Special Conditions in the Stormwater Permit requiring the submission of test pit results and details for the roof drainage infiltration system be submitted to the LCC for review and approval prior to any construction work on the site.**
19. **Comment satisfied by the UPDATED response to comments letter, information, and plans.**

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SHEET C5 (5 of 5) – EROSION AND SEDIMENTATION PLAN:

**NEW COMMENT A:** *The linetype used for the erosion control barrier needs to be labeled in the plan legend.*

**NEW COMMENT B:** *The plan needs to be updated to show silt sacks to be installed in the catch basins in Moulton Drive (on the site side of Moulton – 2 required), in Oak Street adjacent to the project site (1 required), in the drywell in the parking lot for Newhall Park (1 required) and in the two catch basins in Suntaug Street (2 required) as well as in the new on site double cb when installed).*

**NEW COMMENT C:** *The plan needs to be updated to show a temporary gravel or crushed stone stabilized construction entrance/exit pad at least 15 feet wide by 30 feet long at the construction entrance.*

STORMWATER REPORT & CHECKLIST, CALCULATIONS & BMP DESIGN

Standard #1: No New Untreated Discharges:

20. *Comment satisfied by the UPDATED response to comments letter, information, and plans.*

Standard #2: Peak Rate Attenuation:

21. *Comment satisfied by the UPDATED response to comments letter, information, and plans.*

22. *Comment somewhat satisfied by the UPDATED response to comments letter, information, and plans (See #18 above).*

23. *Comment satisfied by the UPDATED response to comments letter, information, and plans.*

24. *Comment satisfied by the UPDATED response to comments letter, information, and plans (See #18 above).*

25. *Comment satisfied by the UPDATED response to comments letter, information, and plans.*

26. *Comment satisfied by the UPDATED response to comments letter, information, and plans.*

27. *Comment satisfied by the UPDATED response to comments letter, information and plans and the conference call with the Town Engineer as to the Town's preferences regarding directing the runoff from the site..*

28. *Comment satisfied by the UPDATED response to comments letter, information, and plans.*

29. *Comment addressed by the inclusion of a condition in the Special Conditions of the Stormwater Permit.*

Standard #3: Recharge:

- 30. **Comment satisfied by the UPDATED response to comments letter, information and plans and the conference call on February 10, 2021.**
- 31. **Comment satisfied by the UPDATED response to comments letter, information, and plans (See #18 above).**

Standard #4: Water Quality:

- 32. **Comment satisfied by the UPDATED response to comments letter, information and plans and the conference call on February 10, 2021.**
- 33. **Comment satisfied by the UPDATED response to comments letter, information, and plans,**
- 34. **Comment satisfied by the UPDATED response to comments letter, information, and plans.**
- 35. **Comment addressed by the inclusion of a condition in the Special Conditions of the Stormwater Permit.**

Standard #6: Critical areas:

- 36. **Comment satisfied by the UPDATED response to comments letter, information, and plans.**

Standard #8: Construction Period Pollution Prevention Plan:

- 37. **Comment satisfied by the UPDATED response to comments letter, information, and plans.**
- 38. **Comment satisfied by the UPDATED response to comments letter, information, and plans.**
- 39. **Comment addressed by the inclusion of a condition in the Special Conditions of the Stormwater Permit.**
- 40. **Comment addressed by the inclusion of a condition in the Special Conditions of the Stormwater Permit.**
- 41. **Comment addressed by the inclusion of a condition in the Special Conditions of the Stormwater Permit.**

Standard #9: Operation and Long Term Maintenance Plan:

- 42. **Comment addressed by the inclusion of a condition in the Special Conditions of the Stormwater Permit.**
- 43. **Comment addressed by the inclusion of a condition in the Special Conditions of the Stormwater Permit.**

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- 44. **Comment addressed by the inclusion of a condition in the Special Conditions of the Stormwater Permit.**
- 45. **Comment addressed by the inclusion of a condition in the Special Conditions of the Stormwater Permit.**


Standard #10: Prohibition of Illicit Discharges:

- 46. **Comment addressed by the inclusion of a condition in the Special Conditions of the Stormwater Permit.**

We look forward to discussing the project, this report, and any questions that the LCC may have at the continued public hearing. If you have any questions regarding this matter, or should you require any additional information, please do not hesitate to contact our firm.

Very truly yours,

**LINDEN ENGINEERING PARTNERS, LLC**



William A. Jones, Sr. Partner



Richard G. Cutts, P.E., President

Cc: Mr. Charles L. Richter, P.E., Lynnfield Town Engineer

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