



100 GROVE ST. | WORCESTER, MA 01605

March 22, 2024

Sutton Planning Board
4 Uxbridge Road
Sutton, MA 01590

T 508-856-0321

F 508-856-0357

gravesengineering.com

**Subject: 100 Worcester Providence Turnpike
Site Plan Review**

Dear Planning Board Members:

We received the following document in our office on February 26, 2024 via email:

- Document entitled Long-Term Operation & Maintenance Plan for Northeast Great Dane, 100 Worcester-Providence Turnpike, Sutton, MA dated February 23, 2024, prepared by Turning Point Engineering for Eastland Partners, Inc.

We also received the following documents in our office on March 20, 2024 via email:

- Correspondence from Turning Point Engineering to Sutton Planning Board dated March 20, 2024, Re: Peer Review Comment Responses, Northeast Great Dane, 100 Worcester-Providence Turnpike.
- Plans entitled Site Development Plan for Northeast Great Dane, 100 Worcester-Providence Turnpike, Sutton, Massachusetts dated December 14, 2023 and last revised February 29, 2024, prepared by Turning Point Engineering. (21 sheets)

We also received the following document in our office on March 22, 2024 via email:

- Document entitled Long-Term Operation & Maintenance Plan for Northeast Great Dane, 100 Worcester-Providence Turnpike, Sutton, MA dated February 23, 2024 and revised March 7, 2024, prepared by Turning Point Engineering for Eastland Partners, Inc.

Graves Engineering, Inc. (GEI) has been requested to review the documents for conformance with Zoning Bylaw, Sutton, Massachusetts with amendments through May 8, 2023, the Massachusetts Department of Environmental Protection (MassDEP) Stormwater Handbook and generally accepted engineering practices. Prior to initiating this review, GEI visited the site on December 22, 2023 to witness soil testing and reconnoiter the site and visited the site again on January 9, 2024 to witness additional soil testing.

This letter is a follow-up to our previous review letter dated February 24, 2024. For clarity, comments from our previous letter are *italicized* and our comments to the design engineer's responses are depicted in **bold**. Previous comment numbering has been maintained.

Our comments follow:

Zoning By-Law

1. *The landscape plans were not submitted with the plan set. (§D.4.c.1)*

x:\shared\projects\suttonpb\worceprovtrnpke100\docs\spb032224wpt100.docx

Acknowledged. Landscape plans were submitted as part of the latest plan set. GEI has no issues with the proposed landscaping.

2. *The building elevation plans are not included with the submittal. GEI understands the Planning Board and its staff will review the building elevation plans. (§C.4.p)*

No further comment. The design engineer responded that the Planning Board reviewed and approved the final building elevation plans.

Hydrology Calculations & Stormwater Management Review

3. *GEI reviewed the hydrology computations and found them to be in order.*

No further comment necessary.

4. *Compliance with the MassDEP Stormwater Handbook and Stormwater Standards is reasonable provided that the following comment is addressed.*

Compliance with the MassDEP Stormwater Handbook and Stormwater Standards is reasonable.

5. *GEI did not receive a copy of the long-term operation and maintenance (O&M) plan for the stormwater management system. The O&M plan needs to be submitted.*

Acknowledged. A long-term operation and maintenance (O&M) plan was submitted. GEI reviewed the latest version of the O&M plan and found it to be in order.

General Engineering Comments

6. *On Sheet C-5.1, northwest of the driveway entrance, the proposed 500 topographic contour depicts a fill condition for the depression at the inlet to the culvert that crosses Worcester-Providence Turnpike. The proposed grading around the depression needs to be revised to eliminate this fill condition.*

Acknowledged. The grading around the depression was revised and is in order.

7. *On Sheet C-7.3, the Outlet Control Structure Basin #1 (OS#1) construction detail shows different elevations for outlet pipe's invert in the "Plan" view and the "Side Elevation." The elevation needs to be consistent.*

Acknowledged. The elevation in the "Plan" view was revised.

General Comments

8. *GEI has no comments or issues.*

We trust this letter addresses your review requirements. Feel free to contact this office if you have any questions or comments.

Very truly yours,

Graves Engineering, Inc.



Jeffrey M. Walsh, P.E.
Principal

cc: Stephen O'Connell; Turning Point Engineering; Travis Brown; Turning Point Engineering