

# OSD Engineering Consultants

## Memorandum

**To:** David Candeias, Onset Water Department  
**From:** Sean D. Osborne, PE, Principal  
**Date:** October 25, 2021  
**Project:** Settler's Glen Application for Non-vehicular Access Permit to State Highway Plan Review

OSD has reviewed the information provided by the proponent and their engineers:

- Draft Letter to Nicole Berthiaume, MassDOT Permits Engineer, Regarding Application for Non-vehicular Access Permit to State Highway
- Settler's Glen Plan to Accompany Non-vehicular Access Permit to State Highway dated October 20, 2021

The following comments are in response to this information.

### **Draft Letter**

The applicant for the permit is the proponent of the development. Therefore, the agent letter should be signed by the proponent of the development.

### **Plans**

- Change the proposed water main shown on the Site Plan of DWG 1 of 2 from 8" PVC to 8" CLDI. Per the Water Installation Notes on DWG 2 of the August 31, 2011, revision of the Settler's Glen plans, all water mains shall be 8" Class 52 Double Cement Lined Ductile Iron Pipe
- Add a hydrant to the west of the water main and north of the proposed concrete sidewalk
- Add a gate valve on the proposed 8" line between the hydrant lateral and the proposed concrete sidewalk.
- Notes on DWG 1 of 2
  - Note 1, the August 31, 2011, revision of the Settler's Glen plans do not show a water main in the sewer easement
- Water Installation Notes on DWG 1 of 2
  - add Note 8: When a water line crosses above a sewer line, the water line shall be 18" min. above the sewer line and at the crossing the water pipe shall be located so that both joints are as far from the sewer as possible.