

OPERATION AND MAINTENANCE PLAN
PROPOSED DRAINAGE SYSTEM – POST CONSTRUCTION
DATED: Sept 2025

41 Kernwood Ave Haverhill, MA

Owner:

Tinh Vien Quan Am Pagoda
41 Kernwood Avenue
Haverhill, MA 01830

Party Responsible for Operations and Maintenance:

Tinh Vien Quan Am Pagoda
41 Kernwood Avenue
Haverhill, MA 01830

Source of Funding:

Operation and Maintenance of this storm water management system will be the responsibility of the property owner to include its successor and/or assigns, as the same may appear on record with the appropriate record of deeds.

Post Construction Inspection and Maintenance:

DO NOT STOCKPILE ANYTHING, INCLUDING SNOW OR DEBRIS ON OR AROUND THE STORMWATER SYSTEM

Drain Lines

After Construction, the drain lines shall be inspected after every major storm for the first few months to ensure proper functions. Presence of accumulated sand and silt would indicate that a drainline has been damaged and may need to be replace. Thereafter, the drain lines shall be inspected at least once per year.

Infiltration System

After construction, the Infiltration System shall be inspected for proper function after every major storm event until the site is completely developed and stabilized. After the site has been stabilized, the storm water infiltration system shall be inspected via the inspection ports at least twice per year or if lack of performance is observed and necessary corrective measures shall be performed to maintain infiltration capacity; as required by the MA Storm water Management Handbook. Inspections shall include measuring the water level in the system after a major storm event, and performing necessary corrective action if water is observed 72 hours following the storm.

Catch Basins

After construction, the Catch Basins shall be inspected for proper function after every major storm event until the site is completely developed and stabilized. After the site has been stabilized, The Catch Basins shall be inspected at least twice per year at the end of Foliage and Snow Removal Seasons. When sediment accumulation is 50% of depth from lowest pipe invert to bottom of unit, the Catch Basins shall be Cleaned.

Sediment and/or floatable pollutants shall be removed from the basin via either a Vacuum or a Clam Shell Scoop procedure and disposed of at an approved offsite facility in accordance with all applicable regulations.

Inspections

Yearly Inspections of the storm water management system shall be performed. The owner shall be responsible for the maintenance or if necessary, for securing the services of a professional (inspector) on an on-going basis. The inspector shall review the project with respect to the following:

- Proper Maintenance and performance of the storm water Management System
- Review of the system to determine any damaged or ineffective components.
- Corrective Actions

The inspector shall prepare a report documenting the findings and should request the required maintenance or repair for the pollution prevention controls when the inspector finds that it is necessary for the control to be effective. The inspector shall notify the owner to make the changes.

For additional information, refer to Performance, Standards and Guidelines for Storm water Management in Massachusetts, published by the Department of Environmental Protection

Snow Disposal

Snow Disposal is to be located adjacent to or on impervious surfaces. At these locations, the snow meltwater can filter to the soil, leaving behind sand and debris which can be removed in the springtime. Snow shall not be piled upon the subsurface infiltration system to ensure that the system is not compromised due to excessive weight sitting on it for extended periods of time. Debris from snow melt should be cleared from the site and properly disposed of at the end of the snow season and no later than May 15.

For additional information, refer to Performance, Standards and Guidelines for Storm water Management in Massachusetts, published by the Department of Environmental Protection