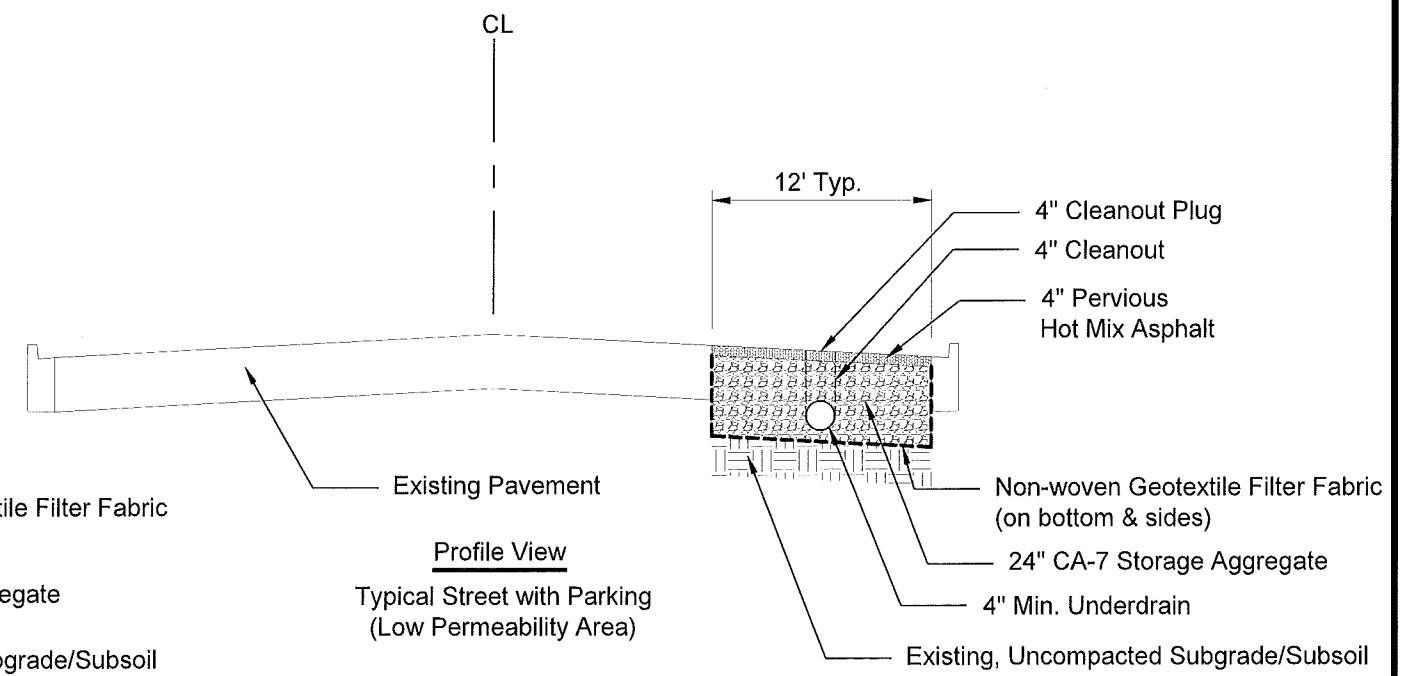
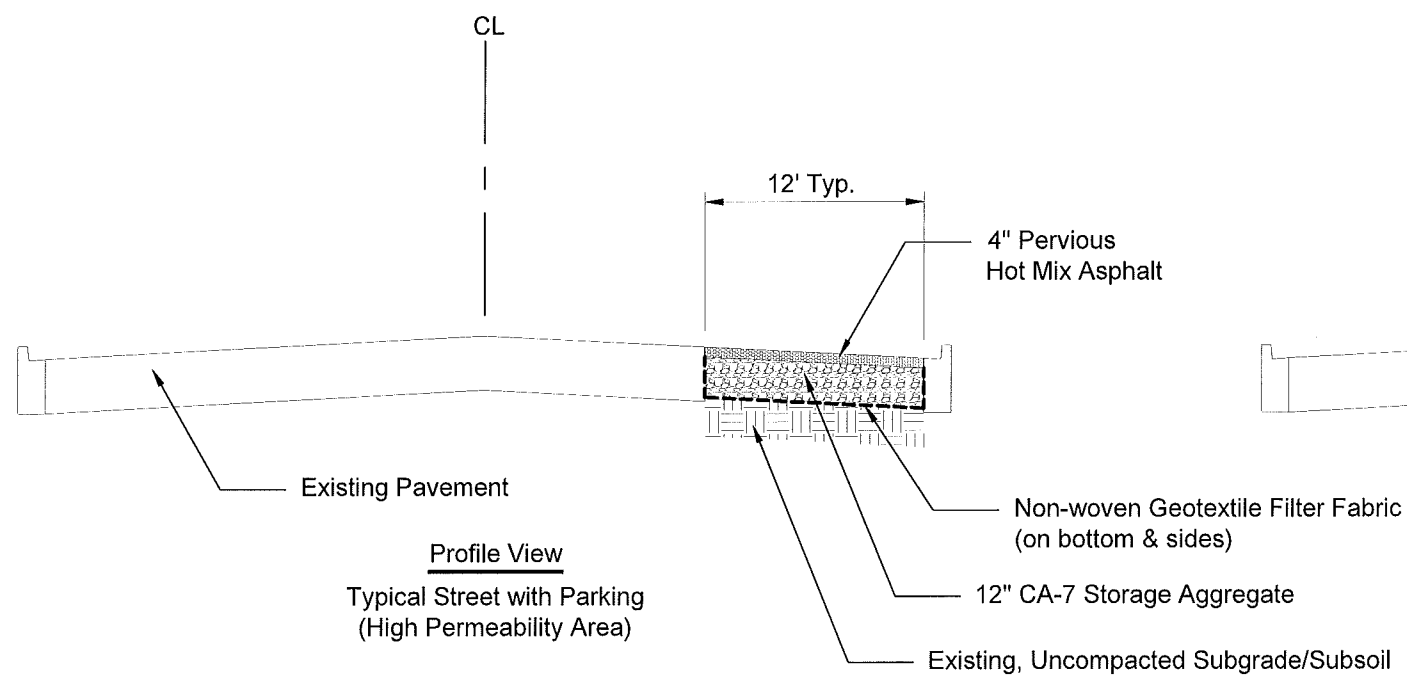


Notes:

1. Base preparation is critical and should be done per manufacturer's recommendation and specification. Undulations and grade changes in the rock base will be reflected in the final outcome of the pervious hot mix asphalt.
2. Sub-grade soil infiltration rates should be confirmed prior to start of work.
3. The bottom of the stone should be a minimum of three feet above the seasonally high water table.
4. Bedding, base, and sub-base material shall be open-graded with no fines meeting the latest edition of the Illinois Standard Specifications For Road and Bridge Construction.
5. Underdrain should be used if low permeability sub-grade soil is present.
6. Most appropriate for use with low-use roadways, without a modified asphalt binder.
7. Not recommended for installation in areas of high traffic or heavy vehicle loads.
8. Not recommended in areas subject to high sediment loads or high organic matter.
9. Pervious hot mix asphalt pavement requires routine (quarterly) vacuum sweeping.
10. Accidental seal-coating or similar surface treatment will cause failure of the system.
11. The use of sand that may clog the system is prohibited.
12. Air temperature during paving must be at least 50°F.
13. Pervious hot mix asphalt pavement is not suitable for areas of recent fill (less than 5 years).
14. Filter fabric shall be nonwoven, needle-punched polypropylene geotextile fabric. Fabric shall have a minimum weight of 3.5 ounces per square yard (ASTM D 3776), minimum wet grab tensile strength of 100 pounds (ASTM D 4632), and a minimum flow rate of 75 gallons/minute/square foot (ASTM D 4491).
15. 4 inch PVC SDR 26 cleanouts shall be placed every 50 feet and connected to the underdrain system in low permeability areas.
16. The pervious hot mix asphalt shall be poured around the cleanout and the plug of the cleanout shall be flush with the surface.



City of Evanston  
Pervious Hot Mix Asphalt  
Detail  
(Not To Scale)