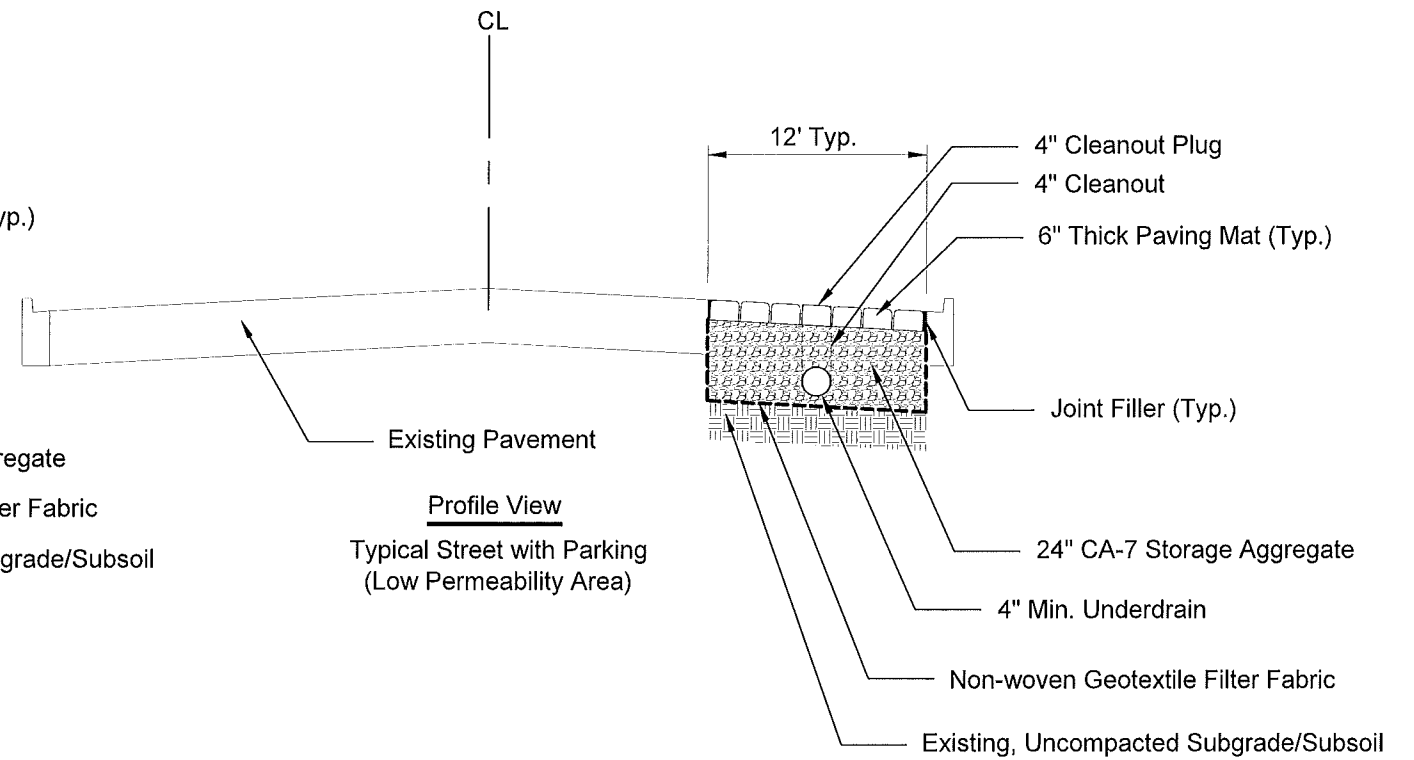
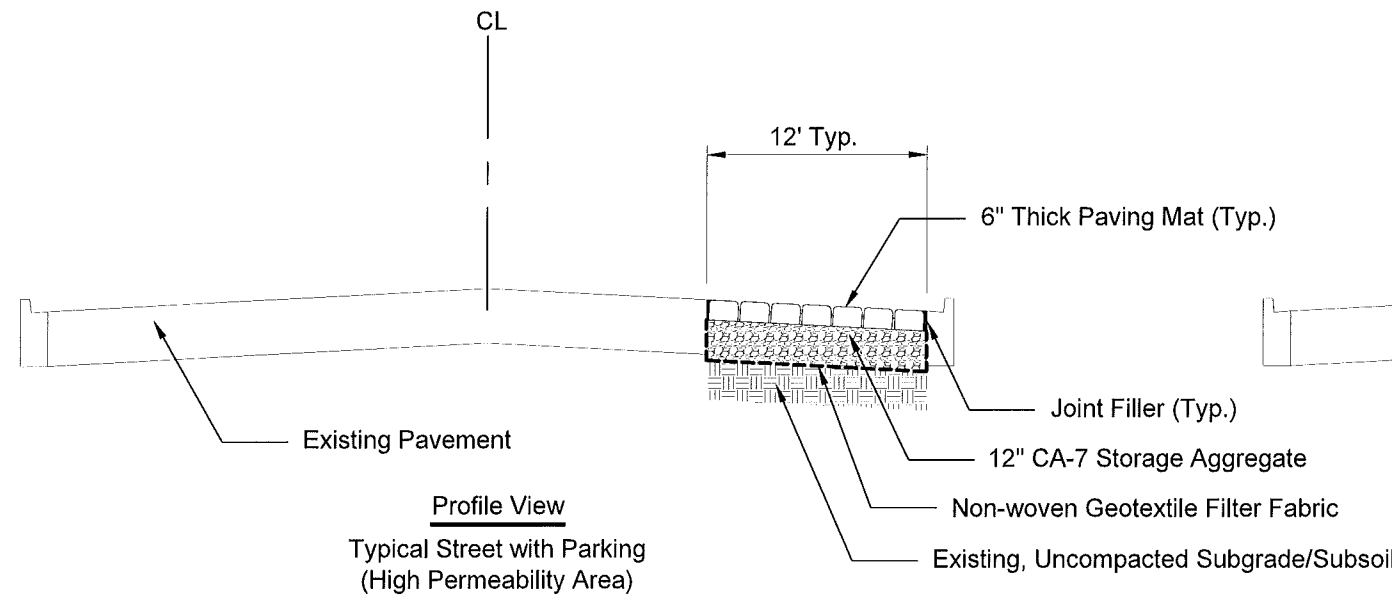


Notes:

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 mats.
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. Avoid over compacting or contaminating the natural sub-grade soils.
6. Underdrain should be used if low permeability sub-grade soil is present.
7. If clayey sub-grade soil is encountered, consult a geotechnical engineer prior to start of work.
8. Manufacturer recommended joint filler, or approved equal, should be used at all edges of installation.
9. The underlying sub-grade soil may dictate the type of permeable system that is appropriate for an application.
10. 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).
11. 4 inch PVC SDR 26 cleanouts shall be provided every 50 feet and connected to the underdrain system in low permeability area.
12. Cleanouts shall be precisely cut into the paving mat and the plug of the cleanout shall be flush with the surface.



City of Evanston  
Permeable Articulating  
Paving Mats Detail  
(Not To Scale)