



PERMEABLE INTERLOCKING CONCRETE PAVERS

To qualify for 50% pervious area credit, only tab block or open grid pavers (Fig. 1) are acceptable and must be installed according to the following guidelines (Fig. 2).

Fig. 1

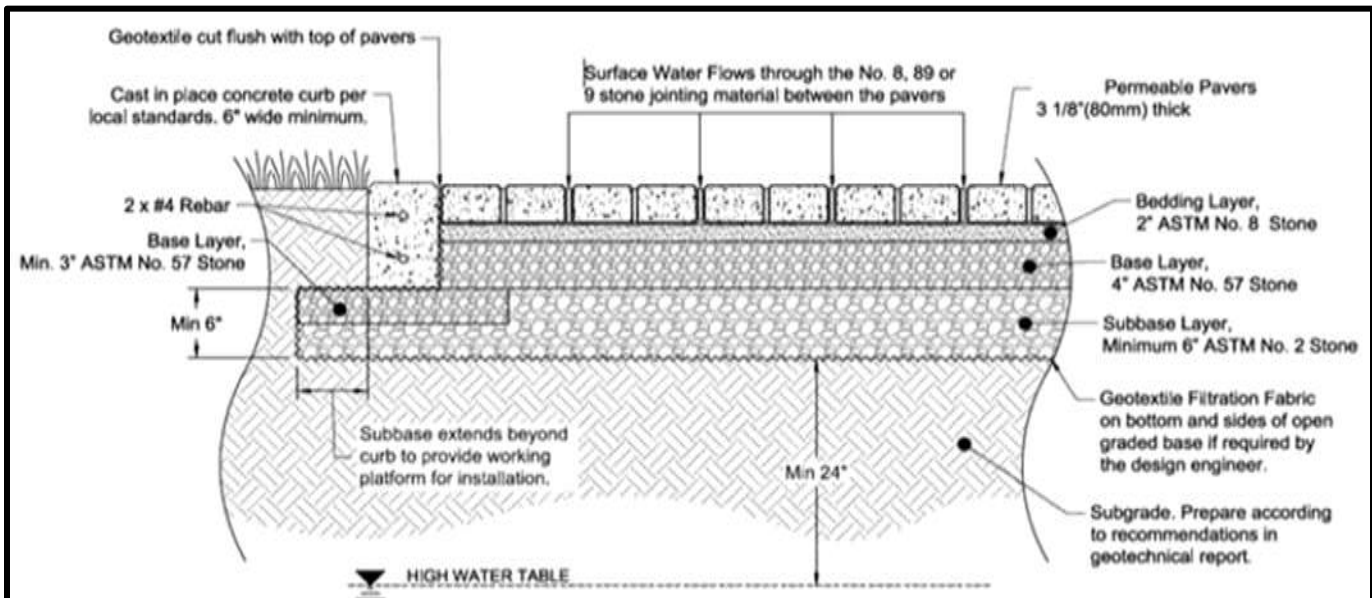


Open Grid



Tab Block

Fig. 2



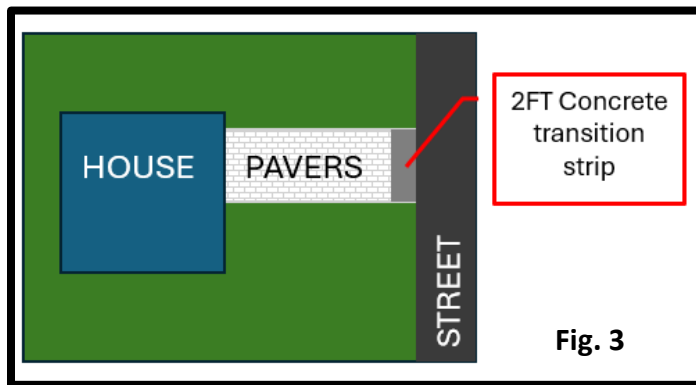
Design Notes:

1. Depth of subbase subject to site specific hydraulic and structural requirements.
2. Paver dimensions subject to aspect and plan ratio requirements based on traffic loading.
3. Geotechnical engineer needs to balance structural stability and soil infiltration when recommending subgrade conditions.
4. Where the filtration geotextile is used, verify with the manufacturer that the material is not subject to clogging and meets requirements of AASHTO M-288.
5. ASTM No. 2 stone may be substituted with No. 3 or No. 4 stone.



Application / Submittal Requirements

- Completed COAB Building permit application. Paver type and manufacturer must be specified.
- Property survey showing all existing structures and improvements and the location and dimensions of the proposed pavers.
- Must show location of all trees (excluding palm trees) within 20 feet of the proposed installation area. Care must be taken to protect tree roots; an arborist evaluation may be required.
- Pavers and all base material must be a minimum of 24 inches above the seasonal high-water table.
- Plans must show a 2 feet wide concrete transition strip between the end of the driveway and the edge of the street pavement (Fig. 3).
- Maintenance plan - Regular maintenance of paver areas must be performed to maintain permeability in accordance with manufacturer's specifications. This includes removing sediment deposit, leaves, and other organic debris as they occur to avoid clogging the openings in your permeable surface.
- Minimum Permeability: 7.5% (per manufacturers specifications)



Job Requirements

- **Call 811. Utility locates must be completed prior to work. The cost of repairs for any damage to utility infrastructure will be charged to the property owner.**
- Must haul away excavated materials. Excavated material may not be used on any other location on site.
- All subbase materials must be clean stone as specified in fig. 2
- Permeable paver area shall not be considered for use as onsite stormwater retention unless the installation is specifically designed to incorporate additional subsurface water storage beyond the design criteria specified below.
- No excavation is permitted in the city right-of-way without a permit. Any pavers installed in right-of-way, upon city approval, will not count against impervious area lot coverage.
- If pavers are being used on a driveway and the driveway crosses a sidewalk, the sidewalk must be broom finished concrete.

Inspections Required (3)

1. Excavation Inspection (Public Works) - At no time will it be acceptable if upon inspection, the excavated area is in the water table.
2. Base Layer Inspection (Public Works)
3. Final Inspection (Public Work & Planning)