

Maximizing the buildable footprint of commercial developmental property

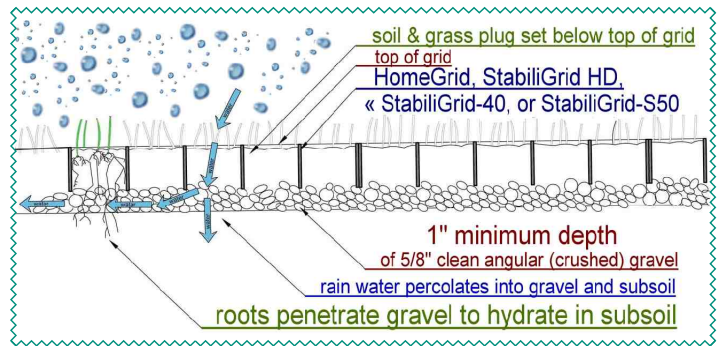
STABILIGRID™ = parking and driving surfaces + *in situ* SWR Management Design Functions



The parking stalls for these tractor-trailer rigs use StabiliGrid™ Pervious Gravel vehicular traffic surfaces.

The pervious StabiliGrid™ surface reduces/eliminates the necessity to provide Stormwater Runoff Management Assets in this design, because those areas using StabiliGrid™ instead of an impervious surface create no incremental Stormwater Runoff.

Depending upon your design and upon the I/R of the native soil, it may be possible to utilize the parking stalls themselves as an infiltration asset: to mitigate the SWR generated by the impervious structures on your site.



To reduce the footprint of all non-traffic/non-built retention and detention structures from your design:

- 1) design a water-retention asset beneath the StabiliGrid™ surface, using sufficient clean angular stone with sufficient void space at sufficient depth to meet your rainfall event retention requirements.
- 2) Storm Water Runoff created by the site's impervious structures (buildings and conventional paving) is diverted ONTO the StabiliGrid™ surfaces, which perform as *in situ* infiltration assets.
- 3) The parking stalls become your SWR Management system, allowing more economical use of the real property investment.

~ Mark Rector, EDI, Sammamish, WA, USA. | 2008 Copyright Eco-Terr Distributing Inc. All rights reserved.

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