



Reckord Armory

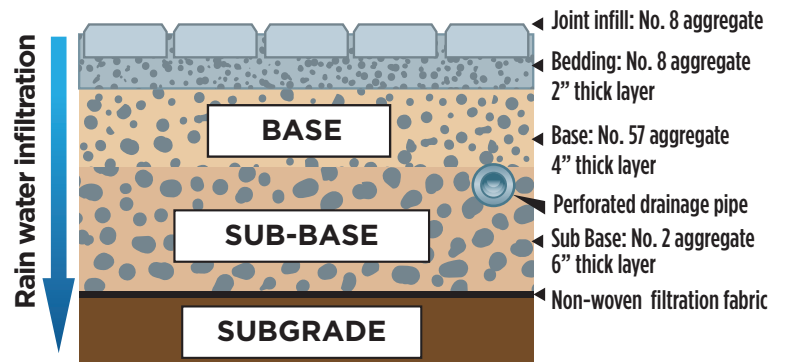
BEL AIR HISTORICAL RESTORATION PROJECT ELIMINATES STORMWATER RUNOFF

Nicolock's Eco-Ridge permeable pavement system was used to construct a walkway and plaza that eliminates all stormwater runoff at a town park in Bel Air, Maryland. The 4,000 SF pathway was constructed in 2009 by Imark Builders at the historical Reckord Armory as part of a restoration project funded by State grants. The innovative pavement system consists of an open-graded aggregate base with gravel in the joints between the pavers to allow for the direct infiltration of rainwater through the pavement and into the soil subgrade. A perforated underdrain pipe is located in the sub-base to collect any excess water not directly infiltrated into the subgrade, which routes it to the existing storm drain system. The underdrain is not expected to be needed for most rain events.

The project was designed by Frederick Ward Associates in Bel Air, MD. "This is a great example of an aesthetically pleasing Low Impact Development solution for managing stormwater," said Matt Tyrrell a landscape designer for FWA. "It incorporates Environmental Site Design elements as required in Maryland's new Stormwater Management Guidelines," he added. Nicolock assisted with the design by making recommendations for paver shape, base thickness, and stone requirements.

Randy Robertson, Director of Public Works for the Town of Bel Air is pleased with the project. "The design by FWA has upgraded our park and improved stormwater drainage at the site." Randy encourages the investigation of this approach to paving and stormwater management. "Nicolock's vibrant paver colors compliment the building and offer an attractive surface that has made the park popular with local residents" he added.

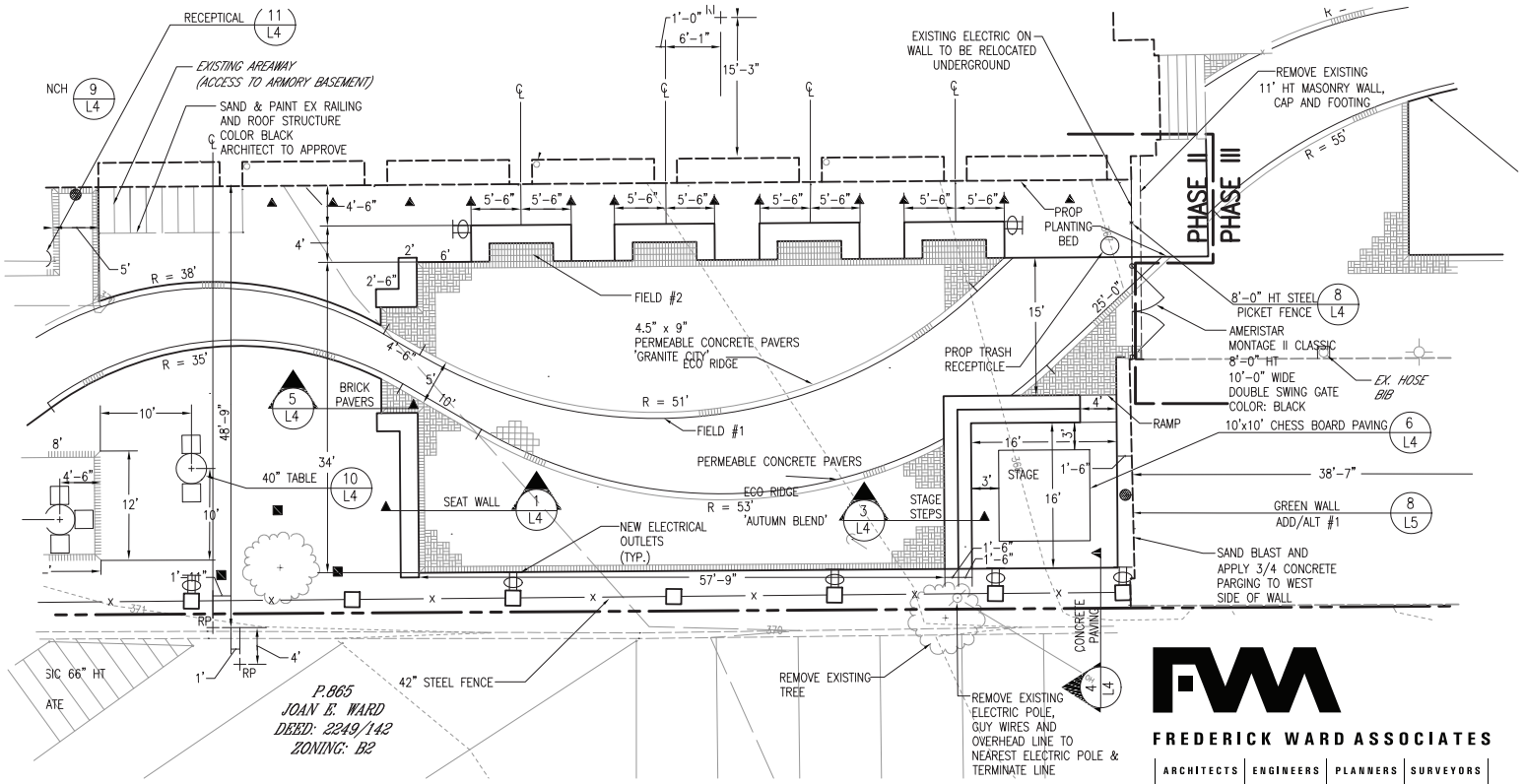
Nicolock's Eco-Ridge Paver Cross Section*



*Sub-base stone & thickness may vary based on site-specific design

CASE STUDY

Nicolock Permeable Pavement Project Bel Air, MD



Reckord Armory



FORTIFIED WITH:
paver-shield™
 guaranteed protection
 MORE COLOR • MORE STRENGTH • MORE LIFE

For more information call 631.669.0700 or visit www.nicolock.com