

CHECKER BLOCK® AT SANDS POINT PRESERVE

One of the Oldest Porous Pavements in North America • Long Island, New York



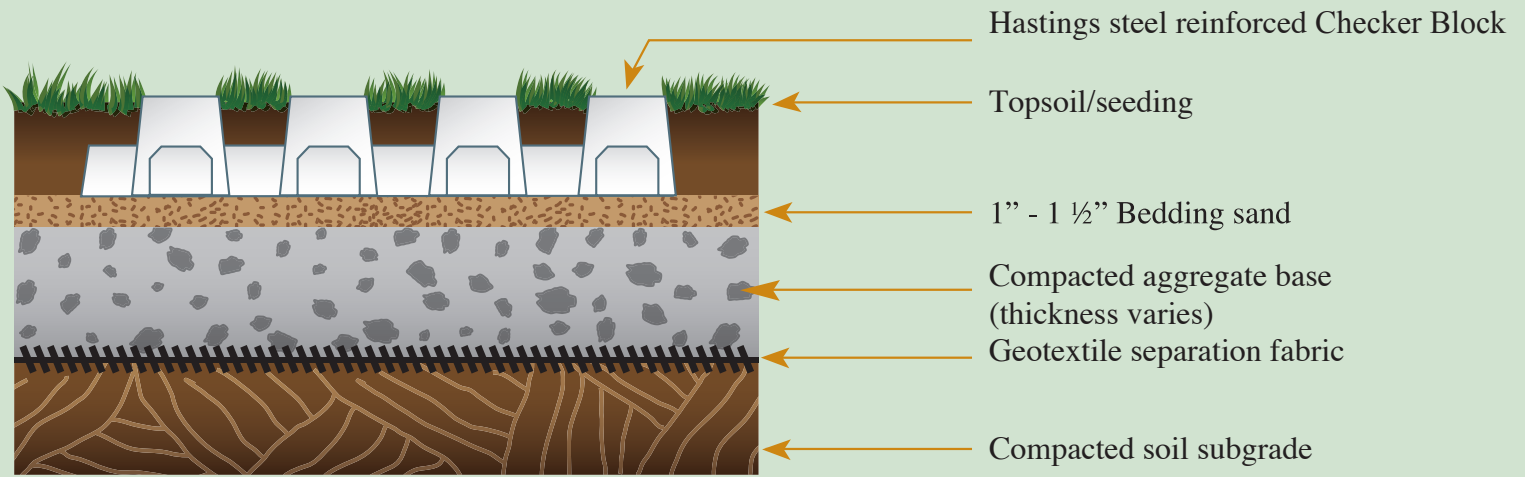
In the mid-1970s, Checker Block was used to construct a parking lot at a historic castle in Nassau County, New York. The Guggenheim Castle at Sands Point is one of Long Island's historic Gold Coast Mansions, full of rich history, natural habitats and architectural features that are currently being preserved. According to Dr. Bruce Ferguson, Professor of Landscape Architecture at the University of Georgia, the Checker Block parking lot is one of the oldest known operating porous pavements in North America. The project is profiled in *Porous Pavements*, 2005 by Dr. Ferguson, a world-renowned reference manual for stormwater and pavement design professionals.

The 25,000 SF parking lot can accommodate over 100 vehicles and is subject to seasonally heavy traffic, including trucks and tour buses. The Checker Block concrete grids have established vegetation on top of well compacted sandy loam soil. Despite no irrigation and little maintenance, Checker Block has helped preserve a pasture-like environment while providing parking for thousands of tourists.



“Checker Block is a Low Impact Development solution for parking when a grass lawn is desired”, said Matt Rocchio, General Manager for Sands Point Preserve. “The pervious and durable nature of Checker Block allowed us to avoid traditional impervious blacktop or concrete pavement which would have increased stormwater runoff to the Long Island Sound and tarnished the stately appearance,” he added.

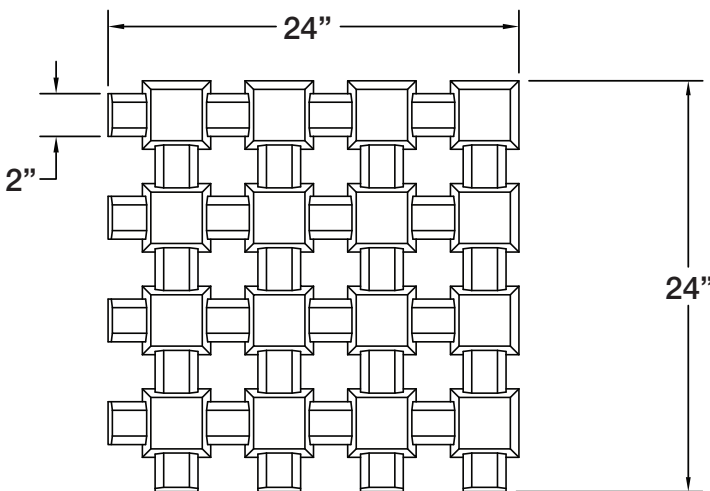
The unique waffle-like configuration of this pervious castellated product provides significant grass coverage when properly filled with topsoil.



Checker Block is a unique castellated concrete grid paver ideal for heavy duty applications that require full turf establishment. The product is used for commercial and residential applications such as emergency access, fire lane, service roads, parking lots and pathways. It is also ideal for erosion control to stabilize embankments, stream ways and swales. Some of the key advantages of Checker Block include:

- Heavy-duty concrete grid that is 4" thick, weighs 95 lbs., and is steel-reinforced.
- Unique waffle-like configurations (castellated) allows for a 75% surface opening and significant voids for turf establishment.
- The product's pervious properties, white color, and open cell configuration can contribute to LEED®.
- Manufactured in accordance to ASTM C1319 with a minimum compressive strength of 5,000 psi.
- Designed to handle surface pressures for all fire apparatus axle weights and H20/HS20 loading calculations.

CHECKER BLOCK: TOP VIEW



FOR MORE INFORMATION GO TO WWW.CHECKERBLOCK.COM