

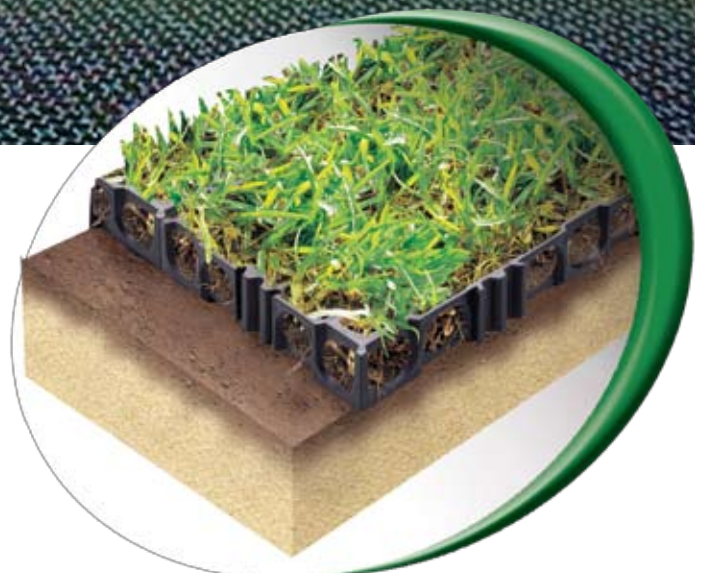
# Atlantis System solving global warming with turf paving for greener life.



Jacksonville Doctor's Office  
Parking Lot, FL, U.S.A.  
Turf Cell installation for a  
carpark  
October 2004

By reducing in more than  
**50°C (122 F°)** surface area  
temperature.

Patients arriving at this Doctor's Professional Building parked in the grass lot next to the office. During wet weather the lot became excessively muddy, creating difficulty for both vehicular and pedestrian traffic. The property manager submitted an application for a permit to pave the lot, but he was denied by the city because of the additional runoff that would be created.





*Atlantis System Installed*



To avoid creating further parking problems, reconstruction of the 25,000 square foot (2323 m<sup>2</sup>) parking lot was completed over a single weekend. The lot was excavated and a porous base was placed and compacted. Turf Cell, a new porous pavement unit from Atlantis Water Management Solutions, was installed. The Atlantis® Turf Cell® will allow the lot to keep its attractive grass finish while preventing the grass from rutting. At the same time it will allow rainwater to infiltrate through the pavement. With a thickness of 2.05 inches (52mm), the Atlantis® Turf Cell® protects the grass by preventing compaction of the top-soil. It is also the only porous paver that has lateral openings within the unit allowing rhizomatous grasses to spread. Storage Area: 2323 m<sup>2</sup> (25,000 sf)

**Note:** Atlantis® products are manufactured from high quality recycled materials, carefully selected and under strict quality control procedures. The strength could vary slightly due to raw material, country of manufacture, manufacturing process and external conditions.

**Safety Factors:** Engineers, designers and geotechnical engineers should design and calculate safety factors to a serviceable limited state to suit specific project. In case of doubt, consult your nearest distributor or Atlantis representative.

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