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GRASSPROTECTA™

CASE STUDY

Client: Loyola University

Location: Baltimore, Maryland

Product(s):   GRASSPROTECTA Standard Mesh

Application: Stadium Parking (150,000 SF)

ISSUE

With the recent completion of a new sports complex, Loyola University was in need of additional event parking at the soccer and lacrosse stadium. The new facility had already reached its maximum allowable impervious surface area under the current zoning restrictions. In addition, the project was located over a capped landfill site, which posed a number of constraints in regard to topography and soil conditions. Loyola needed a cost-effective approach that would double capacity without increasing impervious cover.

SOLUTION

Based on the intended frequency of use and current site conditions, Loyola University selected GRASSPROTECTA Standard mesh to reinforce the grass area directly adjacent to the main soccer field to create auxiliary parking during games and tournaments. Over 150,000 square feet of GRASSPROTECTA mesh was installed to support vehicle over the existing, newly sown grass area. GRASSPROTECTA mesh was chosen due to its load bearing capacity over the soil profile, which mitigates compaction and protects vegetative growth. The stadium more than doubled capacity of parking without adding additional impervious surface.

BENEFITS

Using GRASSPROTECTA mesh, Loyola University doubled its parking capacity at the new sports complex without adding any additional impervious surface area. The added capacity reduces the amount of rented parking and transportation needed for sporting events, greatly reducing transportation costs and quickly paying for project costs. The new installation creates a multifunctional green space that serves as a recreational space and parking structure without generating additional stormwater or changing the aesthetic view from the sports complex.

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