

BaseLok® GeoCell GC304
High School - Houston, Texas**Passenger Vehicle
Parking Area****PROJECT TEAM****OWNER:**

Private

CONTRACTOR:

BaseLok Customer

SUPPLIER:

Industrial Fabrics, Inc.

TECHNICAL DESCRIPTION:Product: **BaseLok® GeoCell
GC304**

Underlayment: Geotextile

Square Feet: 2760 SF

Installation Date: March 17, 2020

**PROJECT DESCRIPTION:**

Post Oak High School was confronted with an overflow parking issue. The available parking area was not sufficient for the overall capacity the school needed to maintain on a regular basis. The school consulted with BaseLok customer in attempts to find a cost-effective and sustainable solution to enhance parking lot load capacity.

PROBLEM:

Like many schools in populated areas, Post Oak HS had a parking problem. As the school grew, it became evident that they needed more parking spots for staff and students. The school parking lot was consistently being filled to max capacity without accommodating the number of vehicles present at the school on a given day. After looking at options, they decided to add a row of parking beyond their current parking area and simply double park vehicles during school hours. As such, they needed a cost-effective option to stabilize this area.

SOLUTION:

BaseLok customer has lots of experience with this type of application and recommended 4" geocell as the best option. An underlayment of woven geotextile fabric was placed as a separator prior to placing the BaseLok Geocell. ProModular placed the fabric and geocell and held the cell open with rebar pins. Quality aggregate was then placed in the cells with a slight overfill and compacted. BaseLok GeoCell was the perfect solution for this project, providing a stable parking surface for years to come.

BaseLok™ GeoCell may change product specifications without notice. The BaseLok™ GeoCell system is suitable for use in the application described in our literature and on our website, provided proper installation and engineering principles are followed. Professional engineering should be consulted before installation of BaseLok™ GeoCell units to assure proper design. **ALL EXPRESSED OR IMPLIED WARRANTIES, INCLUDING THOSE OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED.**