

South Charleston Fly Ash Pond Site Raise - South Charleston, WV

Site Raise

PROJECT TEAM

OWNER:

BaseLok Customer

ENGINEER:

NDA

JOB NUMBER:

N/A

CONTRACTOR:

NDA

SUPPLIER:

Ferguson Waterworks

TECHNICAL DESCRIPTION:

Product: **BASELOK® BL7 Geogrid**

Square Feet: 49,438 SY

Installation Date: Spring 2023

Completion Date: Summer 2023



South Charleston Fly Ash Pond Site Raise - South Charleston, WV

Site Raise



PROJECT DESCRIPTION:

Site raise for a commercial property to become a viable building site for a large box retail store.

PROBLEM:

The site consisted of an old fly ash pond and was owned by the City of South Charleston. The City wanted to sell the property and a large box retailer was interested in buying the property, however, they needed the site elevation raised and they needed the City of South Charleston to guarantee a certain bearing capacity.

SOLUTION:

BaseLok customer had familiarity with geogrids, but had not previously worked with a geogrid as stiff as BaseLok BL7. The initial design included a lighter weight geogrid and after a couple of conversations with Industrial Fabrics' Professional Engineers explaining the benefits of a high stiffness geogrid in this application, the BaseLok BL7 geogrid was approved for use.

RESULTS:

The BaseLok® BL7 geogrid met the challenge. The site raise and stabilization commenced in early Spring 2023. The project was completed and construction of the big box store is soon to begin.

Customer should verify with the product manufacturer that customer has the most current **BASELOK**® specifications for the product ordered or purchased. The **BASELOK**® system can be used 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**® units to assure appropriate design and use. ALL EXPRESSED OR IMPLIED WARRANTIES, INCLUDING THOSE OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. **BASELOK**® is a trademark of Industrial Fabrics, Inc.