

CETCO chosen for popular restaurant situated near former dry cleaner site

The location of a new, two-story Buffalo Wild Wings restaurant was adjacent to a former dry cleaner site. The primary concerns were chlorinated compounds and benzene.



PROJECT DETAILS

Buffalo Wild Wings Restaurant
Engineer: Lambert Engineers
General Contractor:
Barnes Construction
Certified Installer:
Midwest Barrier Solutions

LOCATION

Metairie, Louisiana, USA

PRODUCTS USED

LIQUID BOOT® 500 spray-applied
vapor barrier
GEOVENT™ venting system

CHALLENGE:

The low lying area, primarily consisting of sandy/silty ground, provided a geomechanical challenge in addition to the numerous footings/piers that were required to support the structure and eliminate settling. Multiple grade beams and the monolithic slab design were also more of a challenge than a normal slab on grade design. Sandy stratum also allowed for increased migration of other groundwater plumes on to the subject site.

SOLUTION:

CETCO's GEOVENT™ sub slab venting system was laid out to minimize transitions through grade beams. In addition, 8,000 square feet of the LIQUID BOOT® 500 spray-applied vapor barrier was utilized which allowed for reliable seals around the many penetrations and exposed piers. The LIQUID BOOT® 500 spray-applied vapor barrier, along with GEOVENT™, provides dependable, long-term protection against potential gas vapor migration from chlorinated compounds.

RESULT:

Installation of the LIQUID BOOT® 500 spray-applied vapor barrier was completed successfully and on schedule. A smoke test quality assurance procedure and inspection to ensure a reliable seal around the numerous exposed piers and penetrations. This site contributed to the continued improvement in land value in the Jefferson Parish area.

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