



Exhibit B. Waterloo Site FEMA Flood Plain Mitigation Plan Letter

CSRS, INC.

6767 Perkins Road, Suite 200
Baton Rouge, Louisiana 70808

Phone. (225) 769-0546
Fax. (225) 767-0060

September 5, 2013

Mr. Jim Cavanaugh
Baton Rouge Area Chamber
564 Laurel Street
Baton Rouge, LA 70801

Re. Barber Brothers Site
CSRS Job No. 212161.005

Dear Mr. Cavanaugh:

According to the FEMA Digital Flood Insurance Rate Map (DFIRM) panel no. 22005C0100E of Ascension Parish, last revised August 16th, 2007, the Barber Brothers Site located on LA 75 near the community of Geismar, LA is located in flood zones AE and X. In addition, according to the FEMA Effective DFIRM map provided on the LSU AgCenter website (<http://maps.lsuagcenter.com>), the site is located in flood zone AE and X. According to the Ascension Parish Floodplain Coordinator, the Base Flood Elevation (BFE) on the site is 19 feet. The LiDAR contours downloaded from LSU's ATLAS site indicate that the site ranges in elevation from 16 feet at the northwest section of the proposed 25 acre site pad near the New River to 18 feet through the rest of the pad. The average elevation of entire property subject to development that is in flood zone AE is at elevation 18 feet.

In order to raise twenty-five (25) contiguous acres to one foot above the BFE of 19 feet, approximately 80,667 cubic yards of in-place select fill will be required, thus bringing the twenty-five (25) contiguous acres to an elevation of 20 feet. The estimated construction cost for importing select fill embankment is \$1,026,006.00 and \$728,422.51 for suitable embankment material excavated on-site; however, these costs can vary based on the availability of material and site conditions. This task can be accomplished in 180 days.

Alternatively, a building can be raised above the base flood elevation (BFE) of 19 feet without raising the elevations of the paved and unpaved surfaces at a potential cost savings. The estimated construction cost per square foot to raise a slab on grade building pad to the BFE of 19 with select imported material is approximately \$0.50 per square foot of building. Again, these costs can vary based on the availability of material and site conditions.

Thank you for the opportunity to assist you in this project. Should you have any questions or require additional information, feel free to contact me.

Sincerely,

CSRS, Inc.

Taylor M. Gravois, PE, PLS

