



**PATIN ENGINEERS
& SURVEYORS**
I N C O R P O R A T E D

Exhibit A. New Roads Industrial Park FEMA Flood Plain Mitigation Letter

September 27, 2012

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

**Re: Major Farms (Potential Industrial Site)
Pointe Coupee Parish, Louisiana**

Dear Mr. Cavanaugh,

As a scope of work, you asked PESI to furnish floodplain mitigation information for a potential industrial site designated as the "Major Farms" Site in Pointe Coupee Parish. The "Major Farms" site is located south of La. Hwy. 1 near the intersection of La. Hwy. 10 in New Roads, Louisiana.

Based on the location and proposed site map provided to PESI, we find this property to be situated in Flood Zone AE as shown on the Flood Insurance Rate Map Community Panel No. 220144 0001 C having an effective date of November 16, 1995. A Base Flood Elevation Determination of 27.5 feet was Community Determined. LIDAR maps show the northernmost boundary elevation at approximately 26 feet at La. Hwy. 3000 and falling towards the south. No field verification was made as to location or elevations.

In order to raise ten contiguous acres to one foot above the BFE of 27.5 feet, approximately 41,000 cubic yards of select fill will be required. The estimated construction cost for this is approximately \$900,000.00 for embankment imported to the site. This task can be accomplished within 180 days.

In order to raise the entire site to the BFE of 27.5 feet, approximately 300,000 cubic yards of select fill will be required. The estimated construction cost for this is approximately \$3,300,000.00. This task could be accomplished within a 300 day construction period.

Alternatively, the building structures can be raised above the Base Flood Elevation of 27.5 feet without raising the elevations of the paved and unpaved areas at a potential cost savings. The estimated construction cost per square foot to raise an on grade building above the Base Flood Elevation of 27.5 feet is approximately \$1.20 per square foot.

Please call should you have any questions.

Thank you,
PATIN ENGINEERS AND SURVEYORS, INC.


Cletus Langlois, P.L.S.

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