

# Exhibit X. Double D Site FEMA 100 Year Flood Plain Fill Letter & Map



Baton Rouge Area Chamber®

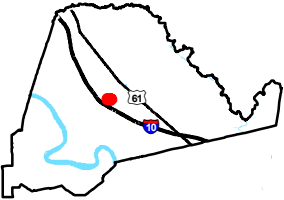




# Double D Site FEMA 100 Year Flood Plain Fill Letter & Map

Double D Site  
Ascension Parish, LA

## BRAC



Ascension Parish

### LEGEND

- Site Boundary
- S\_BFE
- Ground Elevation Contours
- Existing Roadway
  - Urban State Highway
  - Local Roads
- Stream
- Flood Zone
  - AE (100-year with Base Flood Elevation)
  - X (area outside of 100-year)

### Site Details

Appx. Site Size: 28.314 Ac. ±  
Area in 1% Flood Zone: 23.894 Ac. ±



Date: 6/18/2019  
Project Number: 212161  
Drawn By: DWC  
Checked By: EEB



P:\212161\Sites Under Contract\024 - Double D Site\CAD\GIS templates\GIS\Exhibit X, Double D Site 100 Year Flood Plain Map.mxd

### General Notes:

1. No attempt has been made by CSRS, Inc. to verify site boundary, title, actual legal ownership, deed restrictions, servitudes, easements, or other burdens on the property, other than that furnished by the client or his representative.
  2. Transportation data from 2013 TIGER datasets via U.S. Census Bureau at <ftp://ftp2.census.gov/geo/tiger/TIGER2013>.
  3. Utility information from visual inspection and/or the individual utility operators. Exact field location has not been determined by survey. The lines shown are an approximate representation only and may have been offset for depiction purposes.
  4. 2015 aerial imagery from USDA-APFO National Agricultural Inventory Project (NAIP) and may not reflect current ground conditions.
  5. Effective flood data from FEMA Map Service Center dated August 16, 2007.
- This map is not an official FEMA Flood Insurance Rate Map (FIRM) and is not intended for insurance rating purposes and is for information only.  
Please contact your local floodplain administrator for more information or to view an official copy of the Flood Insurance Rate Map (FIRM).

FIRM Panel No 22005C0110E Dated 08/16/2007



Scale 1:2,800  
0 150 300 Feet



# Double D Site FEMA 100 Year Flood Plain Fill Letter & Map



CSRS, INC.  
6767 Perkins Road, Suite 200  
Baton Rouge, Louisiana 70808  
Phone: (225) 769-0546  
Fax: (225) 767-0060

June 18, 2019

Mr. Russell Richardson  
Baton Rouge Area Chamber  
564 Laurel Street  
Baton Rouge, LA 70801

Re. Double D Site  
CSRS Job No. 212161

Dear Mr. Richardson:

According to FEMA Digital Flood Insurance Rate Map (DFIRM) panel no. 22005C0110E of Ascension Parish, Louisiana, effective 08/16/2007, 23.89 Ac.± of the Double D Site is located in Flood Zone "AE". The remaining 4.42 Ac.± of the site is located within Flood Zone "X". The LiDAR contours downloaded from LSU's ATLAS website indicate that the site ranges in elevation from 7 feet to 8 feet, however, the majority of the developable property on the site is approximately at elevation 7.5 feet.

In order to raise the site to the BFE of 8 feet, approximately 19,271 cubic yards of in-place select fill will be required, thus bringing the site to an elevation of 8 feet. The estimated construction cost for importing select fill embankment is \$324,000 and \$140,000 for suitable embankment material excavated on-site.

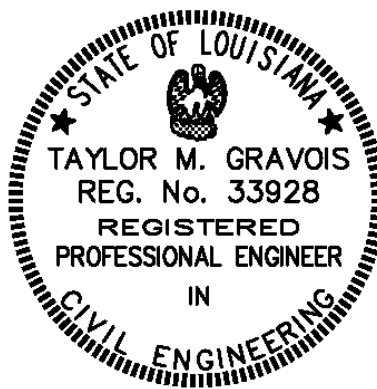
Please note this estimate does not include engineering, required rights of way, environmental impacts, or operation and maintenance costs. This cost estimate was prepared with the best information available at the time of certification. The actual costs can vary based on the availability of material, site conditions and labor availability. This plan can be executed within a reasonable timetable of 180 days or less based on preliminary engineering judgment.

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



Double D Site  
Fill Cost Estimate  
Job No. 212161

Rough Order of Magnitude Cost Estimate					
Item No.	Description	Unit	Est. Quantity	Unit Price	Extension
1	Raising site to BFE using on-site fill	C.Y.	19,271	\$ 6.00	\$ 115,626.00
<b>Subtotal:</b>					<b>\$ 115,626.00</b>

**20% Contingency<sub>1</sub>:** **x 1.20**

<b>Rough Order of Magnitude (ROM):</b>				<b>\$ 140,000.00</b>
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Rough Order of Magnitude Cost Estimate					
Item No.	Description	Unit	Est. Quantity	Unit Price	Extension
1	Raising site to BFE using imported fill	C.Y.	19,271	\$ 14.00	\$ 269,794.00
<b>Subtotal:</b>					<b>\$ 269,794.00</b>

**20% Contingency<sub>1</sub>:** **x 1.20**

<b>Rough Order of Magnitude (ROM):</b>				<b>\$ 324,000.00</b>
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**Footnotes:**

- 1.) Does not include costs for engineering, permitting, or general project management.
- 2.) This cost estimate was prepared with the best information available at the time of certification.
- 3.) Actual costs can vary based on availability of material, site conditions, and labor.