



ITEM FOR ENVIRONMENTAL COMMISSION AGENDA

**Board Meeting
Date Requested:** August 19, 2015

**Name & Number
of Project:** 8818 Big View #4
SP-2014-0227DS

**Name of Applicant
or Organization:** Raj and Santosh Singla
Bruce Aupperle, (512) 329-8241

Location: 8818 Big View Drive #4

Project Filing Date: June 12, 2014

**WPD/ERM
Staff:** Brent Bellinger, 974-2717
Brent.Bellinger@austintexas.gov

**DSD/Environmental
Staff:** Atha Phillips, 974-6303
atha.phillips@austintexas.gov

Watershed: Lake Austin (Water Supply Rural),
Drinking Water Protection Zone

Ordinance: Watershed Protection Ordinance (pre 2014 Lake Austin Ordinance)

Request: 1) To make a recommendation to the Land Use Commission for a
required approval of dredging up to 56 cubic yards in Lake Austin.
25-8-652

Staff Recommendation: Deny.

Reasons for The project can be built with much less dredge and therefore the request
for 56 yards is considered excessive.



MEMORANDUM

TO: Mary Gay Maxwell, Chair and Members of the Environmental Commission

FROM: Atha Phillips, Environmental Review Specialist Senior
Development Services Department

DATE: August 12, 2015

SUBJECT: 8818 Big View Drive #4 – SP-2014-0227DS

On your August 19, 2015 agenda is a request for consideration and possible recommendation to allow dredging up to 56 cubic yards 25-8-652.

Description of Property

The subject property is a 1.63 acre platted lot located in the Lake Austin Watershed, is classified as Water Supply Rural, and is located in the Drinking Water Protection Zone. According to City of Austin GIS, the site is not located over the Edwards Aquifer Recharge Zone. The subdivision, Panther Hollow Creek, Phase 2, was recorded in 2006. The property is located within the Full Purpose Planning Jurisdiction and the lot is zoned SF-1-CO. According to Travis County Appraisal District records, there is no existing residence.

Existing Topography/Soil Characteristics/Vegetation

According to City of Austin GIS, the lot elevation ranges from the Lake Austin shoreline at 492.8 feet mean sea level (msl), to approximately 570 feet msl at the front of the lot, an elevation change of 77.2 feet. The soils according to the Geologic Atlas of Texas are predominantly alluvium (Qal) and fluvial terrace deposits (Qt), i.e. sedimentary soils with some boulders. The vegetation contains existing native trees, (Pecan, Mesquite and Hackberry) and no trees are proposed to be removed with this project. There is a wetland plant community that consists of non-native Elephant Ears and Yellow Irises.

Critical Environmental Features/CWOZ

There are no critical environmental features on site. The project is located within the Critical Water Quality Zone of Lake Austin, which is a 75 foot buffer from the 492.8 feet shoreline elevation. The proposed dock is allowed by code within the Critical Water Quality Zone.

Project Background

The site plan under review was submitted on June 12, 2014 and proposes the construction of a new boat dock. The project is located in a shallow area of the lake and will not only have to seek approval for additional dredge but will also need to seek a BOA variance to extend further than the 30' allowed by code. The proposed dredge spreads beyond the footprint of the dock, creating a channel that extends approximately 20' into the lake. There are existing boat docks along this stretch of Lake Austin and all

were permitted before the rules change in 7/2014 which restricted the amount of dredge to 25 cubic yards.

Applicable Regulations

The project was submitted prior to the adoption of the 2014 Lake Austin ordinance, and the applicable code reference is copied below. In 10/2013, the Watershed Protection Ordinance revised the dredging approval requirement and moved it from Drainage 25-7 to Environment 25-8. A second ordinance was also passed in 10/2013 that changed approval of dredging from the Parks Boards to the Planning Commission. In July/2014 the new Lake Austin ordinance took effect. This project was submitted 3 weeks prior to the adoption of the new Lake Austin ordinance and therefore is subject to the Watershed Protection ordinance. The request is not an environmental variance but rather a required approval.

Watershed Protection Ordinance 10/2013

25-8-652 FILLS AT LAKE AUSTIN, LADY BIRD LAKE, AND LAKE WALTER E. LONG

(A) Approval by the Planning Commission is required to place fill in Lake Austin, Lady Bird Lake, or Lake Walter E. Long.

(B) A person must file a written application with the Planning Commission for an approval under this section.

(C) This subsection applies to a development application that includes a proposal to modify the shoreline of Lake Austin, Lady Bird Lake, or Lake Walter E. Long; or dredge in or along that lake.

(1) Before the director may approve the development application, the director must submit the development application to the Planning Commission.

(2) The board shall review and comment on:

the navigational safety of a proposed development; or

the effect of a proposed development on the recreational and natural character of Lake Austin, Town Lake, or Lake Walter E. Long.

(3) The board may develop specific criteria for determining:

the navigational safety of a proposed development; or

the effect of a proposed development on the recreational and natural character of Lake Austin, Town Lake, or Lake Walter E. Long.

Current Code 7/2014

§ 25-8-652

(E) The director may approve less than 25 cubic yards of dredging in a lake if the dredging is necessary for navigation safety.

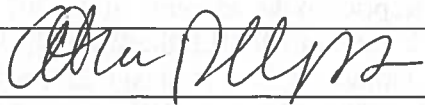
United States Army Corps of Engineers

Allows up to 25 cubic yards of dredge under a nationwide permit.

Recommendation

Environmental staff finds the amount of dredging excessive and will have a detrimental impact on the natural character of Lake Austin. Additionally, a dock can be constructed without the dredging in excess of 25 cubic yards.

Environmental Reviewer:


Atha Phillips

Wetland Reviewer:


Brent Bellinger

Environmental Program Coordinator:


Sue Barnett

Environmental Officer:


Chuck Lesniak

Date: August 12, 2015



ENVIRONMENTAL BOARD VARIANCE APPLICATION TEMPLATE

Insert Applicant Request Letter here.

PROJECT DESCRIPTION

Applicant Contact Information

Name of Applicant	RAJ & SANTOSH SINGLA
Street Address	2403 Kinney Road,
City State ZIP Code	Austin, TX 78704
Work Phone	C/O Bruce Aupperle, P.E., 512-329-8241
E-Mail Address	C/O Bruce Aupperle, P.E., bruceaupperle@me.com

Variance Case Information

Case Name	8818 Big View #4
Case Number	SP-2014-0227D
Address or Location	8818 Big View #4
Environmental Reviewer Name	Atha Phillips
Applicable Ordinance	LCD 25-8-652
Watershed Name	Lake Austin
Watershed Classification	☐ Urban ☐ Suburban ☐ Water Supply Suburban ☒ Water Supply Rural ☐ Barton Springs Zone
Edwards Aquifer Recharge Zone	☐ Barton Springs Segment ☐ Northern Edwards Segment ☒ Not in Edwards Aquifer Zones

July 11, 2015

Edwards Aquifer Contributing Zone	☐ Yes ☒ No
Distance to Nearest Classified Waterway	Zero
Water and Waste Water service to be provided by	None
Request	The request is as follows (Cite code references:

Impervious cover	Existing	Proposed
square footage:	___0___	___0___
acreage:	___0___	___0___
percentage:	___0___	___0___
Provide general description of the property (slope range, elevation range, summary of vegetation / trees, summary of the geology, CWQZ, WQTZ, CEFs, floodplain, heritage trees, any other notable or outstanding characteristics of the property)	The proposed dock is over water, Lake Austin, in the flood plain and in the CWQZ.	

Clearly indicate in what way the proposed project does not comply with current Code (include maps and exhibits)	The depth of water near the shoreline is very shallow, which continues to be shallow for some distance from the shoreline. This variance for dredge in excess of 25 CY is in association with a variance now at the Board of Adjustment for the dock's distance into the lake. The closer the dock is to shore the more dredge volume is required, The further out the dock is from shore the less volume of dredge is required to properly moor a boat in the dock. City
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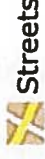
8818 BIG VIEW #4 AERIAL 2012



Legend



Lot Lines



Streets



Building Footprints

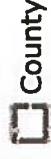


Named Creeks

Lakes and Rivers



Parks



County

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Subject: Dredge Calculation

From: Jenna Dezinski <jenna@alterstudio.net>

Date: 5/21/2015 11:10 AM

To: bruce aupperle <bruceaupperle@me.com>

The area based on the profile of soil to be removed (hatched on elev) is 62SF x 24'7" length of coffer wall = 1519 cubic feet = 56 cubic yards.

Let me know if this is unclear.

Best,

Jenna Dezinski

alterstudio architecture LLP

1403 Rio Grande St.

Austin, TX 78701

512.499.8007

www.alterstudio.net



PLATS

200600029

3 PGS

PLAT DOCUMENT # _____

PLAT

PLAT RECORDS INDEX SHEET:

SUBDIVISION NAME: PANTHER HOLLOW CREEK PHASE II

OWNERS NAME: GLENLAKE LIMITED, FLAT ROCK INVESTMENTS CORPORATION

RESUBDIVISION? YES ☐ NO ☒

ADDITIONAL RESTRICTIONS / COMMENTS:

Restriction 2006016195 Restriction 2006016196

Restriction 2006016198 Restriction 2006016199

Restriction 2006016201 Restriction 2006016202

RETURN:

CITY OF AUSTIN
974-3404
CESAR ZAVALA
P O BOX 1088
AUSTIN, TX 78767

FILED AND RECORDED

OFFICIAL PUBLIC RECORDS

Dana DeBeauvoir

2006 Jan 30 03:28 PM 200600029

SIFUENTEZY \$92.00

DANA DEBEAUVOIR COUNTY CLERK

TRAVIS COUNTY TEXAS

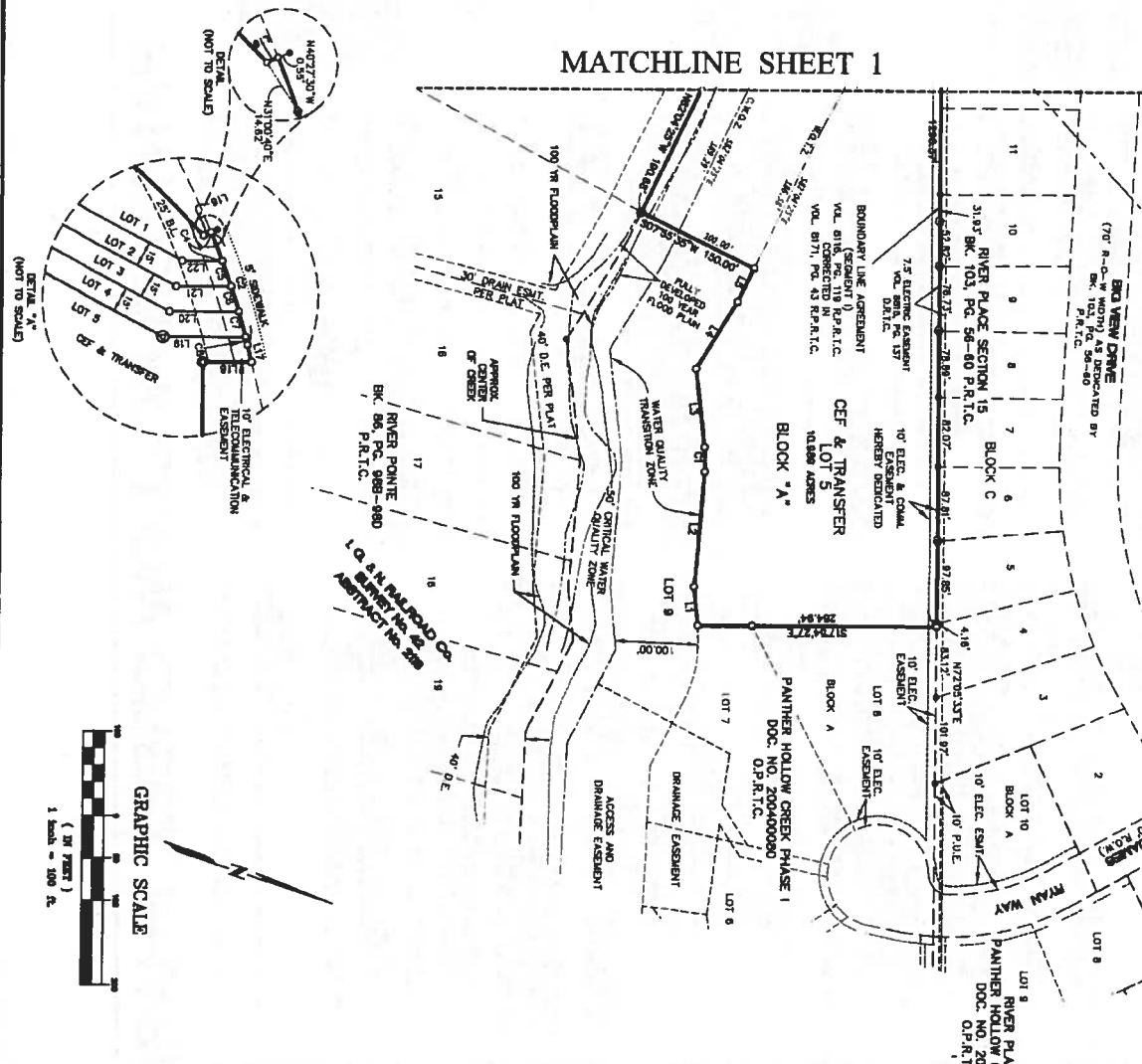
200600029

PANTHER HOLLOW CREEK PHASE II

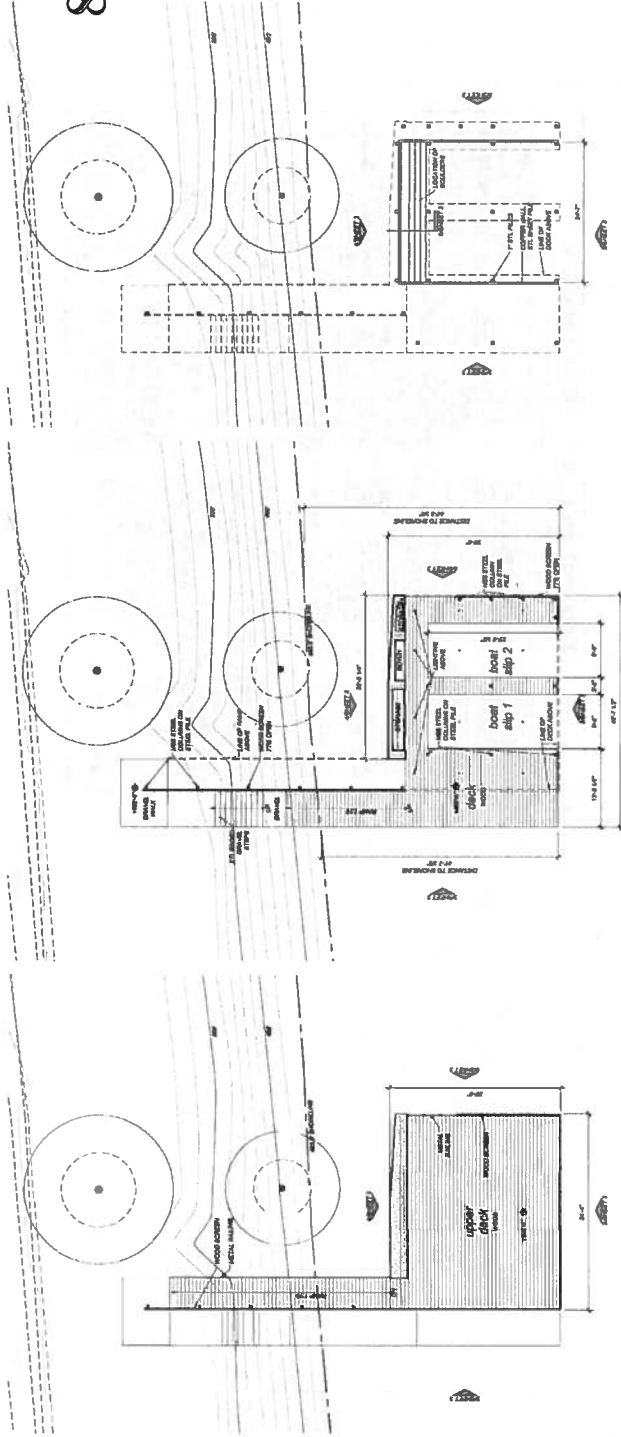
LINE	LENGTH	AREA	PERCENT	CH. EASMENT
C1	28.00	118.00	14.00	30.00
C2	70.17	280.00	35.00	30.00
C3	13.38	53.52	6.69	30.00
C4	18.18	72.72	9.09	30.00
C5	16.67	66.68	8.34	30.00
C6	15.00	60.00	7.50	30.00
C7	15.00	60.00	7.50	30.00
C8	4.79	19.16	2.39	30.00

LINE	LENGTH	AREA	PERCENT	CH. EASMENT
L1	578.70	2314.80	28.94	30.00
L2	580.20	2320.80	29.08	30.00
L3	582.20	2336.80	29.22	30.00
L4	584.20	2352.80	29.36	30.00
L5	586.20	2368.80	29.50	30.00
L6	588.20	2384.80	29.64	30.00
L7	590.20	2400.80	29.78	30.00
L8	592.20	2416.80	29.92	30.00
L9	594.20	2432.80	30.06	30.00
L10	596.20	2448.80	30.20	30.00
L11	598.20	2464.80	30.34	30.00
L12	600.20	2480.80	30.48	30.00
L13	602.20	2496.80	30.62	30.00
L14	604.20	2512.80	30.76	30.00
L15	606.20	2528.80	30.90	30.00
L16	608.20	2544.80	31.04	30.00
L17	610.20	2560.80	31.18	30.00
L18	612.20	2576.80	31.32	30.00
L19	614.20	2592.80	31.46	30.00
L20	616.20	2608.80	31.60	30.00
L21	618.20	2624.80	31.74	30.00
L22	620.20	2640.80	31.88	30.00
L23	622.20	2656.80	32.02	30.00
L24	624.20	2672.80	32.16	30.00
L25	626.20	2688.80	32.30	30.00
L26	628.20	2704.80	32.44	30.00
L27	630.20	2720.80	32.58	30.00
L28	632.20	2736.80	32.72	30.00
L29	634.20	2752.80	32.86	30.00
L30	636.20	2768.80	33.00	30.00
L31	638.20	2784.80	33.14	30.00
L32	640.20	2800.80	33.28	30.00
L33	642.20	2816.80	33.42	30.00
L34	644.20	2832.80	33.56	30.00
L35	646.20	2848.80	33.70	30.00
L36	648.20	2864.80	33.84	30.00
L37	650.20	2880.80	33.98	30.00
L38	652.20	2896.80	34.12	30.00
L39	654.20	2912.80	34.26	30.00
L40	656.20	2928.80	34.40	30.00
L41	658.20	2944.80	34.54	30.00
L42	660.20	2960.80	34.68	30.00
L43	662.20	2976.80	34.82	30.00
L44	664.20	2992.80	34.96	30.00
L45	666.20	3008.80	35.10	30.00
L46	668.20	3024.80	35.24	30.00
L47	670.20	3040.80	35.38	30.00
L48	672.20	3056.80	35.52	30.00
L49	674.20	3072.80	35.66	30.00
L50	676.20	3088.80	35.80	30.00
L51	678.20	3104.80	35.94	30.00
L52	680.20	3120.80	36.08	30.00
L53	682.20	3136.80	36.22	30.00
L54	684.20	3152.80	36.36	30.00
L55	686.20	3168.80	36.50	30.00
L56	688.20	3184.80	36.64	30.00
L57	690.20	3200.80	36.78	30.00
L58	692.20	3216.80	36.92	30.00
L59	694.20	3232.80	37.06	30.00
L60	696.20	3248.80	37.20	30.00
L61	698.20	3264.80	37.34	30.00
L62	700.20	3280.80	37.48	30.00
L63	702.20	3296.80	37.62	30.00
L64	704.20	3312.80	37.76	30.00
L65	706.20	3328.80	37.90	30.00
L66	708.20	3344.80	38.04	30.00
L67	710.20	3360.80	38.18	30.00
L68	712.20	3376.80	38.32	30.00
L69	714.20	3392.80	38.46	30.00
L70	716.20	3408.80	38.60	30.00
L71	718.20	3424.80	38.74	30.00
L72	720.20	3440.80	38.88	30.00
L73	722.20	3456.80	39.02	30.00
L74	724.20	3472.80	39.16	30.00
L75	726.20	3488.80	39.30	30.00
L76	728.20	3504.80	39.44	30.00
L77	730.20	3520.80	39.58	30.00
L78	732.20	3536.80	39.72	30.00
L79	734.20	3552.80	39.86	30.00
L80	736.20	3568.80	39.99	30.00

MATCHLINE SHEET 1



8818#4 Big View Drive

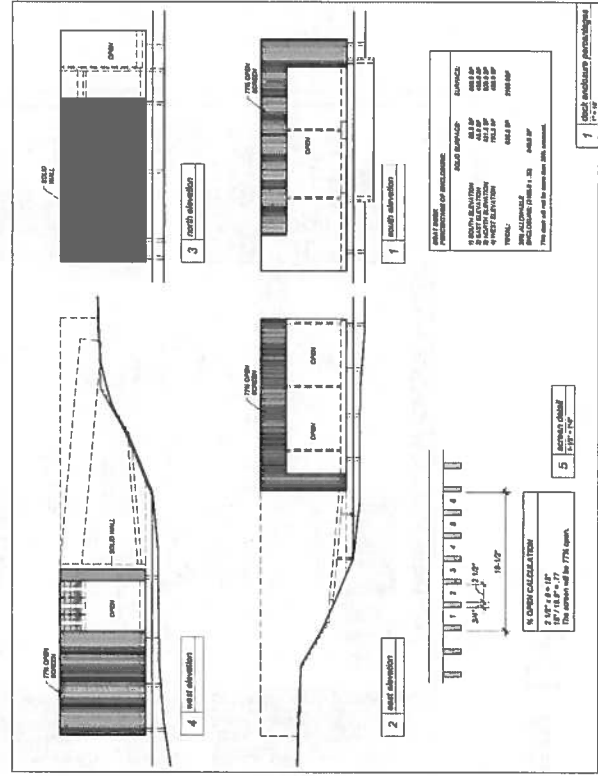
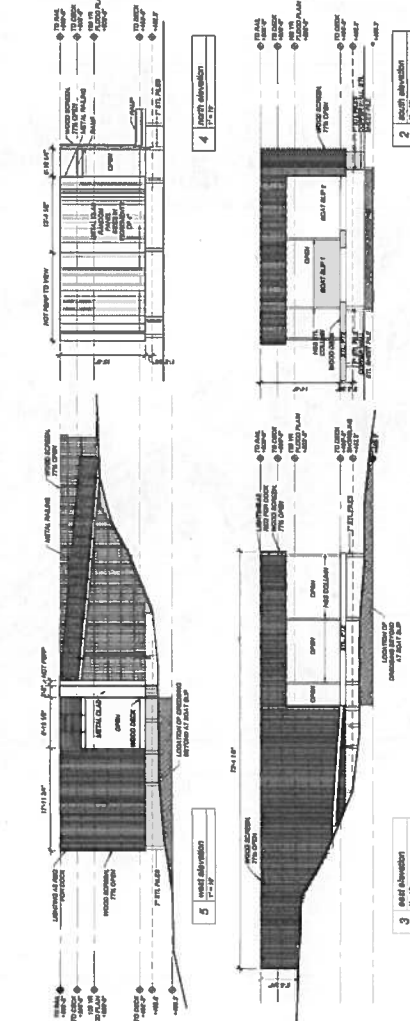


8 sheet 1
1" = 10'

9 sheet 2
1" = 10'

7 foundation plan
1" = 10'

6 detail of exterior wall
1" = 10'



single
residence
8818 big view drive
austin, texas 78730

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alterstudio, LLP
1402 W. 19TH
SUITE 100
AUSTIN, TEXAS 78756
512.452.2400

boat dock plans
and elevations

A2.0
5P-2014-0227D

June 5, 2014

City of Austin
Planning and Development Review Department
PO Box 1088
Austin, TX 78716

To Whom It May Concern:

We, Raj & Santosh Singla, own the property at 8818 #4 Big View per Deed Document # 2013037557. We wish to construct a new dock at the property. Bruce S. Aupperle, P.E. and Aupperle Company are our authorized agents for the City of Austin applications needed for the subject property. Please contact me if you have any questions.

Regards,

Raj & Santosh Singla
4965 Bellchase Drive
Beaumont, TX 77706-7764

