

**REVIEW BY FORT BEND COUNTY
COMMISSIONERS COURT**

**Fort Bend County
Engineering Department**
301 Jackson Suite 401
Richmond, Texas 77469
281.633.7500
Permits@fortbendcountytexas.gov



Right of Way Permit



Commercial Driveway Permit

Permit No: 2017-16468

Applicant: Allgood Construction Company, Inc.

Job Location Site: Bellaire Boulevard at Mason Road, Houston, TX 77407

Bond No. **Date of Bond:** 7/27/2015 **Amount:** \$50,000.00

The above applicant came to make use of certain Fort Bend County property subject to, "The Order Regulating the Laying, Construction, Maintenance, and Repair of Buried Cables, Conduits, and Pole Lines, In, Under, Across or Along Roads, Streets, Highways, and Drainage Ditches in Fort Bend County, Texas, Under the Jurisdiction of the Commissioners Court of Fort Bend County, Texas," as passed by the Commissioners Court of Fort Bend County, Texas, of the Minutes of the Commissioners Court of Fort Bend County, Texas, to the extent that such order is not inconsistent with Chapter 181, Vernon's Texas Statutes and Codes Annotated.

Notes:

1. Evidence of review by the Commissioners Court must be kept on the job site and failure to do so constitutes grounds for job shutdown.
2. Written notices are required:
 - a. 48 hours in advance of construction start up, and
 - b. When construction is completed and ready for final inspection, submit notification to Permit Administrator thru MyGovernmentOnline.org portal.
3. This permit expires one (1) year from date of permit if construction has not commenced.

On this 7th day of November, 2017, Upon Motion of Commissioner Meyers, seconded by Commissioner Morales, duly put and carried, it is ORDERED, ADJUDGED AND DECREED that said notice of said above purpose is hereby acknowledged by the Commissioners Court of Fort Bend County, Texas, and that said notice be placed on record according to the regulation order thereof.

Signature

Presented to Commissioners Court and approved.

By: Charles O. Ay
County Engineer

Date Recorded 11-14-2017 Comm. Court No. 121

N/A

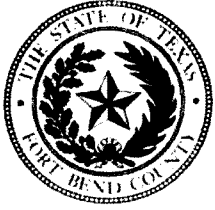
Clerk of Commissioners Court

By: _____

By: Andrea Willes

Drainage District Engineer/Manager

Deputy



**PERMIT APPLICATION REVIEW FORM FOR
CABLE, CONDUIT, AND POLE LINE ACTIVITY
IN FORT BEND COUNTY**

**Fort Bend County
Engineering Department**
301 Jackson Suite 401
Richmond, Texas 77469
281.633.7500
Permits@fortbendcountytexas.gov

- ☒ Right of Way Permit
☐ Commercial Driveway Permit

Permit No: 2017-16468

The following "Notice of Proposed Cable, Conduit, and/or Pole Line activity in Fort Bend County" and accompanying attachments have been reviewed and the notice conforms to appropriate regulations set by Commissioner's Court of Fort Bend County, Texas.

(1) COMPLETE APPLICATION FORM:

- ☒ a. Name of road, street, and/or drainage ditch affected.
☒ b. Vicinity map showing course of directions
☒ c. Plans and specifications

(2) BOND:

- ☐ County Attorney, approval when applicable.
- ☒ Perpetual bond currently posted. Bond No: XXXXXXXXXX Amount: \$50,000.00
- ☐ Performance bond submitted. Bond No: _____ Amount: _____
- ☐ Cashier's Check Check No: _____ Amount: _____

(3) DRAINAGE DISTRICT APPROVAL (WHEN APPLICABLE):

Drainage District Approval

Date

We have reviewed this project and agree it meets minimum requirements.

Charly O. Ay

Permit Administrator

10/27/2017

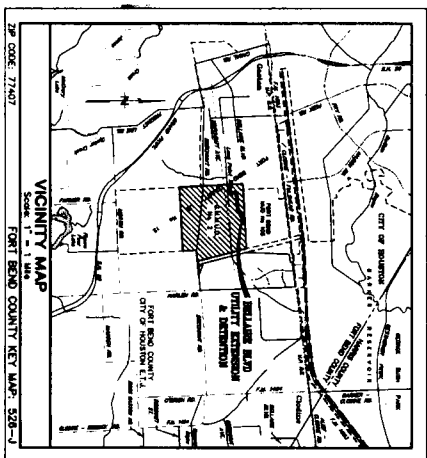
Date

<u>SHEET No.</u>	<u>TITLE</u>
1	COVER SHEET & INDEX
2	GENERAL CONSTRUCTION LAYOUT - WATER AND SANITARY SEWER
3	GENERAL CONSTRUCTION LAYOUT - PAVING & DRAINAGE
4	GENERAL CONSTRUCTION LAYOUT - SIGNING & PAVEMENT MARKING PLAN
5	GENERAL CONSTRUCTION LAYOUT - DETENTION PLAN
6	CONSTRUCTION NOTES

	STREET NAME	STATION
7	BELLEVUE BOULEVARD - PLAN VIEW	7+00.00 TO 12+00.00
8	BELLEVUE BOULEVARD - PROFILE VIEW	
9	BELLEVUE BOULEVARD - PLAN VIEW	12+00.0 TO 17+00.00
10	BELLEVUE BOULEVARD - PROFILE VIEW	
11	BELLEVUE BOULEVARD - PLAN VIEW	17+00.00 TO 22+00.00
12	BELLEVUE BOULEVARD - PROFILE VIEW	
13	BELLEVUE BOULEVARD - PLAN VIEW	22+00.00 TO 27+00.00
14	BELLEVUE BOULEVARD - PROFILE VIEW	27+00.00 TO 32+00.00
15	BELLEVUE BOULEVARD - PLAN VIEW	
16	BELLEVUE BOULEVARD - PROFILE VIEW	
17	DETENTION POND - BASELINE A & BASELINE B	
<u>DETAILS</u>		
18	MISCELLANEOUS DETAILS	
19	GRADING	
20	STORM WATER POLLUTION PREVENTION PLAN	
21	STORM WATER POLLUTION PREVENTION PLAN DETAILS	
22	DRAINAGE DETAILS	

**APPROVED FOR
CONSTRUCTION**

FORT BEND COUNTY, TEXAS



JONES CARTER
Texas Board of Professional Engineers Registration No. F-4339
2330 Merchants Way, Suite 170, Katy, TX 77449 (822) 913-0001

SEPTEMBER 2017

See email dated 9/1/17 from Vic/ A. Borgstrom, DC, District Engineer for District No. 2, concerning delineation of the unincorporated community of this project.

KLMS No. 17068700
C.O.H. LOG No. 17-1130

Contractor shall notify the City of Houston, Department of Public Works and Engineering, office of the City Engineer, 48 hours before starting work on this project. Telephone No. 632-394-9098

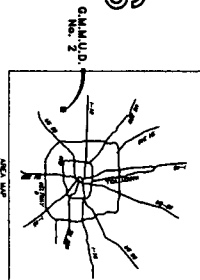
I, Blair M. Rozsorny, a Professional Engineer Licensed in the State of Texas do hereby certify that these plans were prepared under my supervision to meet or exceed the specifications and requirements of Fort Bend County, Texas.

Blair M. Rozsorny
Blair M. Rozsorny, P.E.

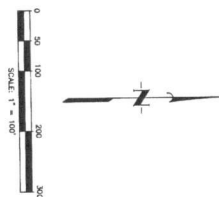
4-7-17
Date

NOTES:
These plans were prepared to meet or exceed the specifications and requirements of City of Houston and Fort Bend County as currently enacted. Approved by Fort Bend County will be deemed void if construction has not begun within one year of approval date.
Construction shall not begin before the part of this section is tied in the Fort Bend County Map Records.
Construction will be monitored under the supervision of a licensed professional engineer of **JOHNSCOTT, INC.**
Contractor shall notify the Fort Bend County Engineering Department at least 48 hours prior to commencement of construction at construction@fortbendcounty.gov.

NOTES



		DRAWN BY: _____ DATE: _____	
CITY OF HOUSTON DEPARTMENT OF PUBLIC WORKS AND ENGINEERING		PROJECT: _____ SHEET: _____ OF _____	
DRAWN BY: _____ DATE: _____ CHECKED BY: _____ DATE: _____		SCALE: _____ TITLE: _____	
CITY OF HOUSTON DEPARTMENT OF PUBLIC WORKS AND ENGINEERING		PROJECT: _____ SHEET: _____ OF _____	
DRAWN BY: _____ DATE: _____ CHECKED BY: _____ DATE: _____		SCALE: _____ TITLE: _____	



100-YEAR FLOOD PLAIN

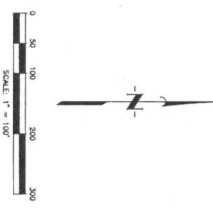
According to data on distribution of the floodplain, the 100-year flood plain is located in the lower portion of the river. The subject channel is located about 1/2 mile upstream from the confluence of the river into the Gulf of Mexico. The 100-year flood plain is located about 1/2 mile upstream from the confluence of the river into the Gulf of Mexico. The 100-year flood plain is located about 1/2 mile upstream from the confluence of the river into the Gulf of Mexico.

NOTE: The 100-year flood elevation is approximately 1.5 feet above the mean high water level. The 100-year flood elevation is approximately 1.5 feet above the mean high water level. The 100-year flood elevation is approximately 1.5 feet above the mean high water level.

COMMENTS: The 100-year flood elevation is approximately 1.5 feet above the mean high water level. The 100-year flood elevation is approximately 1.5 feet above the mean high water level. The 100-year flood elevation is approximately 1.5 feet above the mean high water level.

1BM 8
BEING A LOT SQUARE LOCATED ON THE BACK OF CHASE ON
THE CORNER OF THE WEST END OF THE BALLADE
BOULEVARD, 1 FOOT FROM THE END OF BACK OF CHASE AT
THE DEAD END.
ELEVATION = 84.18, NAVD 83.

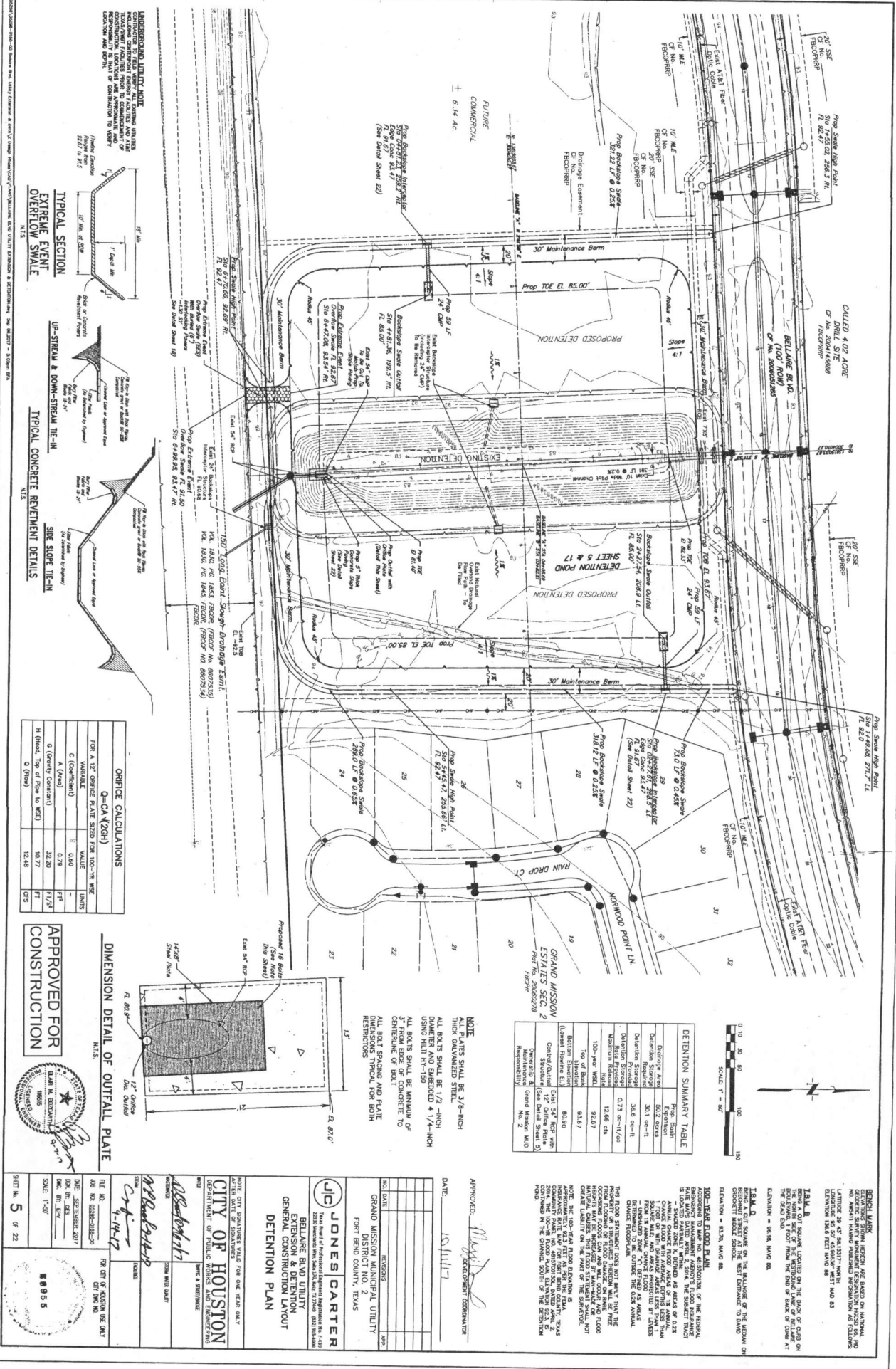
[illegible]



THIS FLOOD STATEMENT DOES NOT MEAN THAT THE
FLOODING OF THE AREA DESCRIBED IN THIS
FLOOD STATEMENT OR FLOOD DAMAGE REPORT IS
CAUSED BY A CAUSE OTHER THAN THE
OCCURRING FLOODS CAN AND WILL OCCUR AND FLOOD
DAMAGE MAY BE INCURRED BY LAND-MADE OR
NATURAL CAUSES SUCH AS BUT NOT LIMITED TO,
CREVASSING ON THE PART OF THE SAVANNAH.

NOTE: THE 100-YEAR FLOOD ELEVATION IS
APPROXIMATELY 92.3 FEET AS PER THE FEMA
INSURANCE RATE MAP FOR PORT BEND COUNTY, TEXAS.
THE 100-YEAR FLOOD ELEVATION 92.3 IS
CONTAINED IN THE CHANNEL SOUTH OF THE DETENTION
POND.

[illegible]



ORIFICE CALCULATIONS		
Q = CA √(2gh)		
FOR A 12" ORIFICE PLATE SIZE FOR 100-IN. WIDE		
VARIABLE	VALUE	UNITS
C (Coefficient)	0.60	-
A (Area)	0.78	FT ²
Q (orifice Constant)	32.20	FT ³ /S ²
H (Head, Top of Pipe to WCE)	10.47	FT
Q (Flow)	16.88	CFS

DETENTION SUMMARY TABLE	
	Pror. Rank Exemption
Detention Area	50.2 acres
Detention Required	30.1 ac
Detention Storage Provided	36.6 ac-ft
Detention Rate (ft ³ /ac-ft)	0.73 ac-ft/ac
Maximum Release Rate	12.66 cfs
100-year FREQ.	92.67
Top of Bank Elevation	85.67
Bottom Elevation (Least Frequent E.)	80.90
Channel Outlet Structure	East 54' RCP with 12" Orifice Plate (See Detail Sheet 5)
Overturning Moment	Grand Summary MMD No. 2
Responsibility	

	JONES CARTER	Three years of professional experience. Approximately 1-2 jobs per year. 1980-1982, 1983-1985, 1986-1988, 1989-1991, 1992-1994, 1995-1997, 1998-2000, 2001-2003, 2004-2006, 2007-2009, 2010-2012, 2013-2015, 2016-2018, 2019-2021, 2022-2024, 2025-2027, 2028-2030, 2031-2033, 2034-2036, 2037-2039, 2040-2042, 2043-2045, 2046-2048, 2049-2051, 2052-2054, 2055-2057, 2058-2060, 2061-2063, 2064-2066, 2067-2069, 2070-2072, 2073-2075, 2076-2078, 2079-2081, 2082-2084, 2085-2087, 2088-2090, 2091-2093, 2094-2096, 2097-2099, 2100-2102, 2103-2105, 2106-2108, 2109-2111, 2112-2114, 2115-2117, 2118-2120, 2121-2123, 2124-2126, 2127-2129, 2130-2132, 2133-2135, 2136-2138, 2139-2141, 2142-2144, 2145-2147, 2148-2150, 2151-2153, 2154-2156, 2157-2159, 2160-2162, 2163-2165, 2166-2168, 2169-2171, 2172-2174, 2175-2177, 2178-2180, 2181-2183, 2184-2186, 2187-2189, 2190-2192, 2193-2195, 2196-2198, 2199-2201, 2202-2204, 2205-2207, 2208-2210, 2211-2213, 2214-2216, 2217-2219, 2220-2222, 2223-2225, 2226-2228, 2229-2231, 2232-2234, 2235-2237, 2238-2240, 2241-2243, 2244-2246, 2247-2249, 2250-2252, 2253-2255, 2256-2258, 2259-2261, 2262-2264, 2265-2267, 2268-2270, 2271-2273, 2274-2276, 2277-2279, 2280-2282, 2283-2285, 2286-2288, 2289-2291, 2292-2294, 2295-2297, 2298-2300, 2301-2303, 2304-2306, 2307-2309, 2310-2312, 2313-2315, 2316-2318, 2319-2321, 2322-2324, 2325-2327, 2328-2330, 2331-2333, 2334-2336, 2337-2339, 2340-2342, 2343-2345, 2346-2348, 2349-2351, 2352-2354, 2355-2357, 2358-2360, 2361-2363, 2364-2366, 2367-2369, 2370-2372, 2373-2375, 2376-2378, 2379-2381, 2382-2384, 2385-2387, 2388-2390, 2391-2393, 2394-2396, 2397-2399, 2400-2402, 2403-2405, 2406-2408, 2409-2411, 2412-2414, 2415-2417, 2418-2420, 2421-2423, 2424-2426, 2427-2429, 2430-2432, 2433-2435, 2436-2438, 2439-2441, 2442-2444, 2445-2447, 2448-2450, 2451-2453, 2454-2456, 2457-2459, 2460-2462, 2463-2465, 2466-2468, 2469-2471, 2472-2474, 2475-2477, 2478-2480, 2481-2483, 2484-2486, 2487-2489, 2490-2492, 2493-2495, 2496-2498, 2499-2501, 2502-2504, 2505-2507, 2508-2510, 2511-2513, 2514-2516, 2517-2519, 2520-2522, 2523-2525, 2526-2528, 2529-2531, 2532-2534, 2535-2537, 2538-2540, 2541-2543, 2544-2546, 2547-2549, 2550-2552, 2553-2555, 2556-2558, 2559-2561, 2562-2564, 2565-2567, 2568-2570, 2571-2573, 2574-2576, 2577-2579, 2580-2582, 2583-2585, 2586-2588, 2589-2591, 2592-2594, 2595-2597, 2598-2600, 2601-2603, 2604-2606, 2607-2609, 2610-2612, 2613-2615, 2616-2618, 2619-2621, 2622-2624, 2625-2627, 2628-2630, 2631-2633, 2634-2636, 2637-2639, 2640-2642, 2643-2645, 2646-2648, 2649-2651, 2652-2654, 2655-2657, 2658-2660, 2661-2663, 2664-2666, 2667-2669, 2670-2672, 2673-2675, 2676-2678, 2679-2681, 2682-2684, 2685-2687, 2688-2690, 2691-2693, 2694-2696, 2697-2699, 2700-2702, 2703-2705, 2706-2708, 2709-2711, 2712-2714, 2715-2717, 2718-2720, 2721-2723, 2724-2726, 2727-2729, 2730-2732, 2733-2735, 2736-2738, 2739-2741, 2742-2744, 2745-2747, 2748-2750, 2751-2753, 2754-2756, 2757-2759, 2760-2762, 2763-2765, 2766-2768, 2769-2771, 2772-2774, 2775-2777, 2778-2780, 2781-2783, 2784-2786, 2787-2789, 2790-2792, 2793-2795, 2796-2798, 2799-2801, 2802-2804, 2805-2807, 2808-2810, 2811-2813, 2814-2816, 2817-2819, 2820-2822, 2823-2825, 2826-2828, 2829-2831, 2832-2834, 2835-2837, 2838-2840, 2841-2843, 2844-2846, 2847-2849, 2850-2852, 2853-2855, 2856-2858, 2859-2861, 2862-2864, 2865-2867, 2868-2870, 2871-2873, 2874-2876, 2877-2879, 2880-2882, 2883-2885, 2886-2888, 2889-2891, 2892-2894, 2895-2897, 2898-2900, 2901-2903, 2904-2906, 2907-2909, 2910-2912, 2913-2915, 2916-2918, 2919-2921, 2922-2924, 2925-2927, 2928-2930, 2931-2933, 2934-2936, 2937-2939, 2940-2942, 2943-2945, 2946-2948, 2949-2951, 2952-2954, 2955-2957, 2958-2960, 2961-2963, 2964-2966, 2967-2969, 2970-2972, 2973-2975, 2976-2978, 2979-2981, 2982-2984, 2985-2987, 2988-2990, 2991-2993, 2994-2996, 2997-2999, 3000-3002, 3003-3005, 3006-3008, 3009-3011, 3012-3014, 3015-3017, 3018-3020, 3021-3023, 3024-3026, 3027-3029, 3030-3032, 3033-3035, 3036-3038, 3039-3041, 3042-3044, 3045-3047, 3048-3050, 3051-3053, 3054-3056, 3057-3059, 3060-3062, 3063-3065, 3066-3068, 3069-3071, 307	
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APPROVED: *[Signature]*
JAMES A. GIBSON, JR., President

APPROXIMATELY 92.3 FEET AS PER THE FEMA INSURANCE RATE MAP FOR FORT BEND COUNTY, TEXAS COMMUNITY PANEL NO. 4915700130L, DATED APRIL 2, 2014. THE 100-YR FLOOD PLAN ELEVATION 92.3 IS CONTAINED IN THE CHANNEL SOUTH OF THE DETENTION CONDUIT.

UTILITY NOTES

- [illegible]

IN STOCK CURRENT WITH A LIMITED COUNTRY

- [illegible]

Y

- [illegible]

JONES CARTER

Circle 10

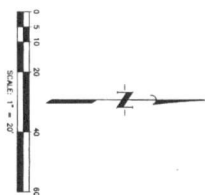
Team Staff of Professional Engineers began the J-C
22380 Alhambra Blvd. Suite 120, El Monte, CA 91734 (415) 411-0000

NOTE: CITY SUMA TURTLES VALID FOR ONE YEAR ONLY

CITY OF HOUSTON

9/20/97 9/14/97
Coff 9/14/97

DATE	2023/08/08 20:17	CITY	MO.
QDA OF	QDA		
QDA OF	QDA		
SCALE	MIS		
SHEET NO.	6	OF	22



BELLAIRE BLVD.
(100' ROW)
CF NO. 2006051285
FBCOPRRP

MATCH LINE ~ 12+00
9

SHEET No. **7** of 22

88905

UNDERGROUND UTILITY NOTE

CONTRACTOR TO FIELD VERIFY ALL EXISTING UTILITIES AND LOCATIONS OF ALL UNDERGROUND FACILITIES AND TAKE NECESSARY PRECAUTIONS PRIOR TO COMMENCEMENT OF CONSTRUCTION. LOCATIONS ARE APPROXIMATE AND RESPONSIBILITY IS THAT OF CONTRACTOR TO VERIFY LOCATION AND DEPTH.

EXISTING SWALES NOTE

CONTRACTOR TO DISBURD NO ADVERSE EFFECTS ON THE EXISTING ROAD SIDE SWALES AND TO DISBURD POSITIVE DRAINAGE OF THE SWALES UPON COMPLETION OF CONSTRUCTION.

[illegible]

STANDARD MANHOLE CONNECTION NOTE:
 1. EXISTING MANHOLE SHALL BE MAINTAINED OR REPAIRED TO ORIGINAL CONDITION.
 2. ALL EXISTING UTILITY LOCATIONS, ALL EXISTING UTILITIES ARE SHOWN IN APPROX. LOCATIONS ONLY.

BENCH MARK
ELEVATION: 5800 FEET. HIGHEST ANGLE BASED ON NATIONAL GEODETIC SURVEY INSTRUMENT DISPOSITION RECORD 66. PG. NO. 400311 HAS BEEN PUBLISHED INFORMATION AS FOLLOWS:
LATITUDE 29.45° 54.13137' NORTH
LONGITUDE 85.55° 45.86406' WEST MAID 63
ELEVATION 156.0 FEET MAID 68

TRAIL MARK
ELEVATION: 5800 FEET. HIGHEST ANGLE BASED ON NATIONAL GEODETIC SURVEY INSTRUMENT DISPOSITION RECORD 66. PG. NO. 400311 HAS BEEN PUBLISHED INFORMATION AS FOLLOWS:
LATITUDE 29.45° 54.13137' NORTH
LONGITUDE 85.55° 45.86406' WEST MAID 63
ELEVATION 156.0 FEET MAID 68

18MB
BEING A CUT SQUARE ON THE BALNOSE OF THE MEDIAN ON
BECHEMUT STREET AT THE WEST ENTRANCE TO DAVID
CHODKETT WOOD SCHOOL.
ELEVATION = 93.70, NAVD 83.

APPROVED: Mary [Signature]
CO-EMPLOYMENT COORDINATOR

DATE: 10/5/17

[illegible][illegible]

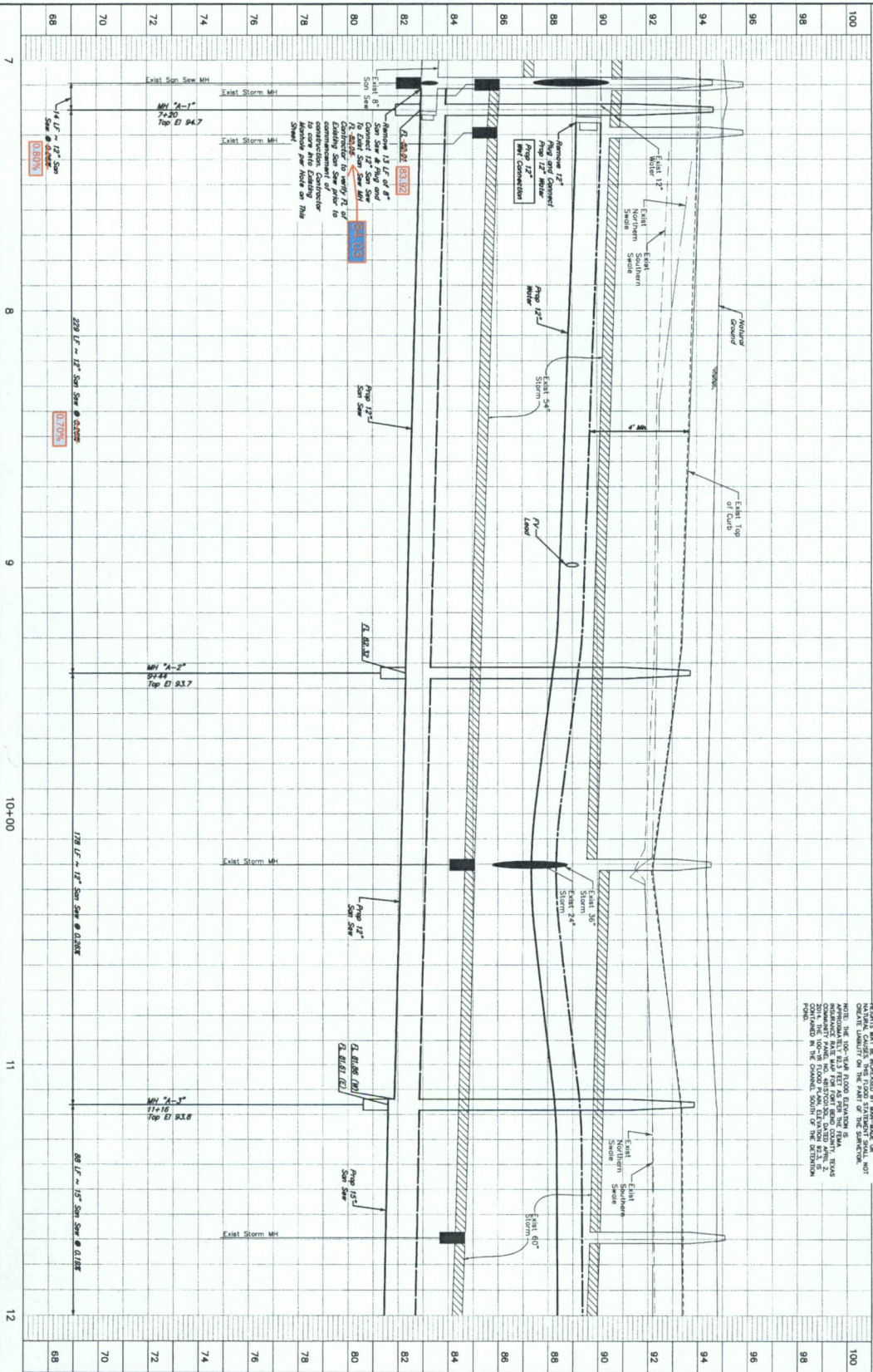
JONES CARTER
Texas Board of Professional Engineers Registration No. F-4395
2220 Southwest Way, Suite 270, Waco, TX 76798 (800) 513-0000

**BELLAIRE BLVD UTILITY
EXTENSION & DETENTION
BELLAIRE BOULEVARD
PROFILE VIEW**

7+00.00 TO 12+00.00

CITY OF HOUSTON DEPARTMENT OF PUBLIC WORKS AND ENGINEERING					
INLET & IMPROVEMENT					
PROJECT NUMBER	08-0907017				
DESCRIPTION	STORM WATER DRAIN				
LOCATION	W.C. CARRAN				
DRAWN BY	C-19-14-D				
CHECKED BY					

FILE NO. _____ JOB NO. 6506-216-00	FOR CITY OF HOUSTON USE ONLY CITY EMP. NO. _____
DATE: 5/27/10/2017	
DOWN BY: CSC	
PMC BY: ETV	
SCALE: 1"=20' N 1"=2' V	
SHEET NO. 8 OF 22	



BELLAIKE BOULEVARD (100' ROW)

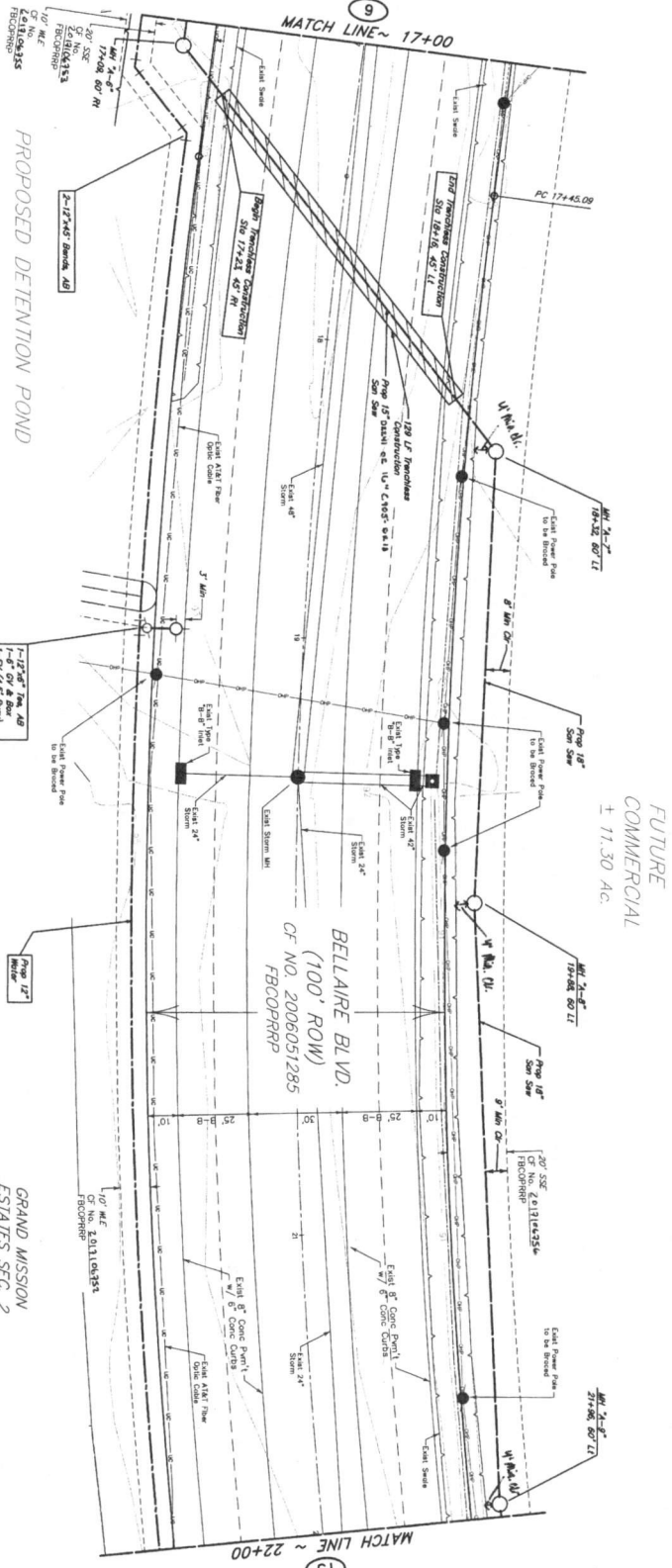
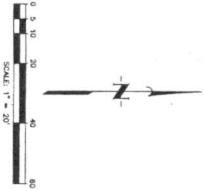
BENCH MARK
ELEVATIONS SHOWN HEREON ARE BASED ON NATIONAL GEOGRAPHIC SURVEY MONUMENT ESTABLISHMENT NO. 400011. HATCHES PUBLISHED IN ORIENTATION AS FOLLOWS:

LATITUDE 29 43' 53.1317" NORTH
LONGITUDE 95 50' 42.6456" WEST MAD 83
ELEVATION 126.5 FEET NAVD 88

T&M-B
BENCH MARK LOCATED ON THE BACK OF CABIN ON EAST SIDE OF THE WESTERN LANE OF BELLARD

TEAM D
BOULEVARD, 1 FOOT FROM THE END OF CURB AT THE DEAD END.
ELEVATION - 36.18, NAVD 83.
TEAM D
BEING A CUT SQUARE ON THE BULWARK OF THE MURKIN & REICHING STREET AT THE WEST ENTRANCE TO DAVID CHOCOLATE MODEL SCHOOL.
ELEVATION - 33.70, NAVD 83.





UNDERGROUND UTILITY NOTE
 THE EXISTING UTILITY LOCATIONS ARE SHOWN ON THE ATTACHED UTILITY MAP. THE EXISTING UTILITY LOCATIONS ARE SHOWN ON THE ATTACHED UTILITY MAP. THE EXISTING UTILITY LOCATIONS ARE SHOWN ON THE ATTACHED UTILITY MAP.

EXISTING SWALES NOTE
 THE EXISTING SWALES ARE SHOWN ON THE ATTACHED SWALE MAP. THE EXISTING SWALES ARE SHOWN ON THE ATTACHED SWALE MAP. THE EXISTING SWALES ARE SHOWN ON THE ATTACHED SWALE MAP.

POWER POLE BRACING NOTE
 THE POWER POLE BRACING IS SHOWN ON THE ATTACHED BRACING MAP. THE POWER POLE BRACING IS SHOWN ON THE ATTACHED BRACING MAP. THE POWER POLE BRACING IS SHOWN ON THE ATTACHED BRACING MAP.

100-YEAR FLOOD PLAN
 THE 100-YEAR FLOOD PLAN IS SHOWN ON THE ATTACHED FLOOD MAP. THE 100-YEAR FLOOD PLAN IS SHOWN ON THE ATTACHED FLOOD MAP. THE 100-YEAR FLOOD PLAN IS SHOWN ON THE ATTACHED FLOOD MAP.

5-yr Flood
 The 5-yr flood is shown on the attached flood map. The 5-yr flood is shown on the attached flood map. The 5-yr flood is shown on the attached flood map.

APPROVED FOR CONSTRUCTION

GRAND MISSION
 ESTATES SEC. 2
 PLOT NO. 20060278
 FBCOPR

CITY OF HOUSTON DEPARTMENT OF PUBLIC WORKS AND ENGINEERING DATE: 11/11/17 TIME: 1:11 PM BY: [Signature] FOR: [Signature]		JONES CARTER ENGINEERING 1700.00 TO 22+00.00 BELLAIRE BOULEVARD PLAN VIEW	
TITLE NO. 20060278-00 DATE: 11/11/17 SCALE: 1"=20' H SHEET NO. 11 OF 22		FOR: CITY OF HOUSTON, ONE UNIT DATE: 11/11/17 BY: [Signature]	

BELLAIKE BOULEVARD (100' ROW)

ACCORDING TO LAW NO. 481/2001, 5% OF THE FLOOD RISK AREAS ARE TO BE DESIGNATED AS "HIGH RISK" FLOOD RISK AREAS. THESE ARE LOCATED PRIMARILY WITHIN AN AREA OF 0.2% OF THE TOTAL FLOOD RISK AREA. THE FLOOD RISK AREAS ARE CLASSIFIED INTO THREE CATEGORIES: 1. "HIGH RISK" FLOOD RISK AREAS, 2. "MODERATE RISK" FLOOD RISK AREAS, AND 3. "LOW RISK" FLOOD RISK AREAS. THE FLOOD RISK AREAS ARE CLASSIFIED INTO THREE CATEGORIES: 1. "HIGH RISK" FLOOD RISK AREAS, 2. "MODERATE RISK" FLOOD RISK AREAS, AND 3. "LOW RISK" FLOOD RISK AREAS. THE FLOOD RISK AREAS ARE CLASSIFIED INTO THREE CATEGORIES: 1. "HIGH RISK" FLOOD RISK AREAS, 2. "MODERATE RISK" FLOOD RISK AREAS, AND 3. "LOW RISK" FLOOD RISK AREAS.

EXISTING SWALES NOTE
CONTRACTOR TO ENSURE NO ADVERSE EFFECTS ON THE EXISTING ROAD SIDE SWALES AND TO ENSURE POSITIVE DRAINAGE OF THE SWALES UPON COMPLETION OF CONSTRUCTION.

THE EXISTING ROAD SIDE SWALES AND TO ENSURE POSITIVE DRAINAGE OF THE SWALES UPON COMPLETION OF CONSTRUCTION.

BEING A CUT SQUARE ON THE BALLOON OF THE MEDIAN OF
BECHTOLD STREET AT THE WEST ENTRANCE TO DAVID
CROCKETT MIDDLE SCHOOL.
ELEVATION = 93.79, NAVD 86.

APPROVED: [Signature]
DEVELOPMENT COORDINATOR

DATE: 10/6/17

DATE: 10/20/11

[illegible]

CKM.C Date: 9-27-17

GRAND MISSION MUNICIPAL UTILITY
DISTRICT NO. 2
FORT BEND COUNTY, TEXAS

JONES CARTEI

Trans. Board of Professional Engineers Registration No. F-22350 Merchants Way, Suite 170, Katy, TX 77449 (832) 513-

BELLAIRE BLVD UTILITY
EXTENSION & DETENTION
BELLAIRE BOULEVARD
PROFILE VIEW
17+00.00 TO 22+00.00

CITY OF HOUSTON
DEPARTMENT OF PUBLIC WORKS AND ENGINEERING

08 June 9/07/17	STORM WATER QUALITY
-----------------	---------------------

21-4-17

FILE NO: _____	FOR CITY OF HOUSTON USE ONLY
JOB NO: 05228-0169-00	CITY DWG NO. _____

UNIT: _____
DON BY: _____
CNCG BY: _____
DATE: _____

1. $\mathbb{Z}_m$

[illegible]

[illegible]

BENCH MARKS
ELEVATIONS SHOWN HEREON ARE BASED ON NATIONAL
GEODETIC SURVEY MONUMENT DESIGNATION HICSD 66, PD
NO. A04711 HAVING PUBLISHED INFORMATION AS FOLLOWS:
LATITUDE 29 43' 50.1337" NORTH
LONGITUDE 99 50' 45.9838" WEST MAG. 83
ELEVATION 126.6 FEET NAVD 88

IBM-D
BEING A CUT SQUARE ON THE BALLROOM OF THE MEXICAN
BEECHNUT STREET AT THE WEST ENTRANCE TO DAVID
CHOCRETT MIDDLE SCHOOL.
ELEVATION = 93.70, NAVD 83.

APPROVED: M. J. D.
REVELOPMENT COORDINATOR

DATE: 10/6/17

[illegible][illegible]

BELLAIRE BLVD UTILITY
EXTENSION & DETENTION
BELLAIRE BOULEVARD
PLAN VIEW
22+00.00 TO 27+00.00

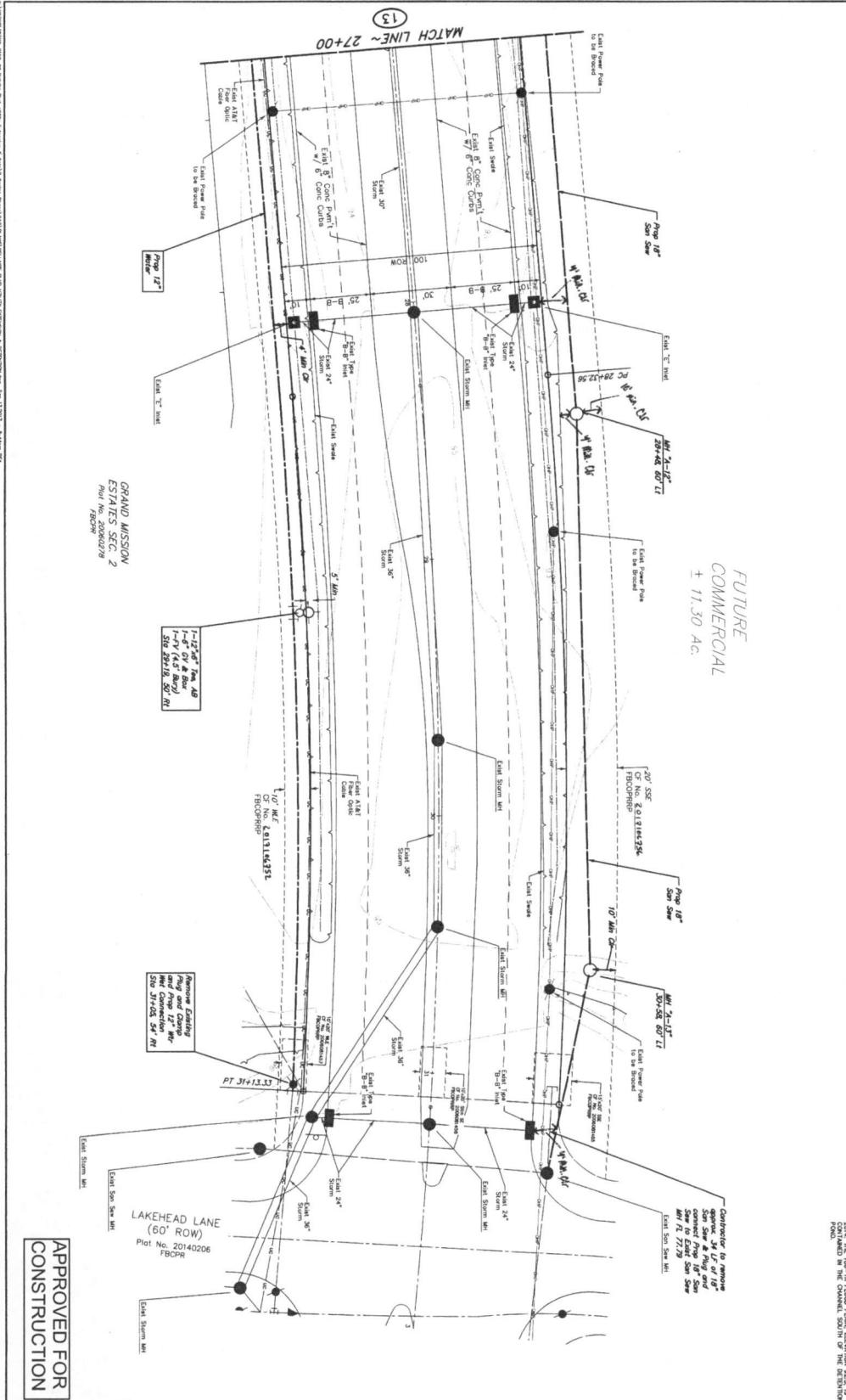
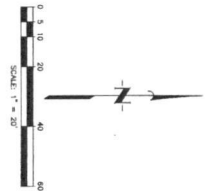
NOTE: CITY SQUARES VALID FOR ONE YEAR ONLY
AFTER DATE OF BIDDING

CITY OF HOUSTON
DEPARTMENT OF PUBLIC WORKS AND ENGINEERING

[illegible]

DATE: SEPTEMBER 2007	
DONOR: SCS	
DMS: BR-EPV	
SOURCE: 1'-28" W. 1"-2' N.	
SHEET No. 13 OF 22	

APPROVED FOR
CONSTRUCTION



6' Curve Data
 Δ = 45.00°
 R = 140.00'
 L = 280.77'

UNDERGROUND UTILITY NOTE
 EXISTING UTILITY LOCATIONS SHOWN ON THIS PLAN ARE BASED ON RECORD DRAWINGS AND FIELD SURVEY. THE LOCATION OF ANY UTILITY NOT SHOWN ON THIS PLAN IS THE RESPONSIBILITY OF THE USER. THE USER SHALL VERIFY THE LOCATION OF ANY UTILITY PRIOR TO CONSTRUCTION. THE USER SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND RIGHTS-OF-WAY FOR THE PROPOSED WORK.

LOCAL FLOOD PLAIN
 THE FLOOD PLAIN LOCATION IS BASED ON THE FLOOD PLAIN MAP OF THE CITY OF HOUSTON, TEXAS. THE FLOOD PLAIN LOCATION IS SUBJECT TO CHANGE WITHOUT NOTICE. THE USER SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND RIGHTS-OF-WAY FOR THE PROPOSED WORK.

TABLE A
 ELEVATION = 83.00' AND 84.00'
 ELEVATION = 83.00' AND 84.00'

FUTURE
 COMMERCIAL
 ± 11.30 AC.

APPROVED FOR
 CONSTRUCTION

CITY OF HOUSTON DEPARTMENT OF PUBLIC WORKS DIVISION OF UTILITY ENGINEERING DATE: 9/24/17 DRAWN BY: [Signature] CHECKED BY: [Signature] APPROVED BY: [Signature] PROJECT NO.: 27+00.00 TO 32+00.00 SHEET NO. 15 OF 22		JONES CARTER BELLAIR BLVD UTILITY EXTENSION & DETENTION BELLAIR BOULEVARD PLAIN VIEW 27+00.00 TO 32+00.00 2228 Westchase Way, Suite 200, Houston, TX 77060 (832) 912-4000	FILE NO. 18-00000-00 DATE 08/28/2017 SCALE 1"=20' R DATE 9/24/17 SCALE 1"=20' R DATE 9/24/17
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1. CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH THE CITY OF HOUSTON STANDARD SPECIFICATIONS FOR ROAD AND STREET CONSTRUCTION, LATEST EDITION, AND THE TEXAS STANDARD SPECIFICATIONS FOR ROAD AND STREET CONSTRUCTION, LATEST EDITION.

100-YEAR FLOOD PLAIN

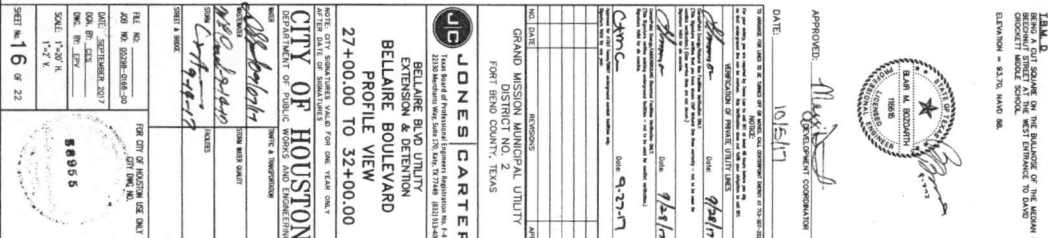
ACCORD TO MAP NO. A610310130, OF THE FEDERAL
EMERGENCY MANAGEMENT AGENCY'S FLOOD INSURANCE
RATE MAP DATED APRIL 2, 2014, THE SUBJECT TRACT
IS LOCATED PARTIALLY WITHIN:

- SHADY ZONE "X" DENOTED AS AREAS OF 0.2% ANNUAL CHANCE FLOOD; AREAS OF 1% ANNUAL CHANCE FLOOD WITH AN ELEVATION LESS THAN 11 FEET; AND AREAS PROTECTED BY LEVEES
- SOLAR ZONE "X" DENOTED AS AREAS OF 1% ANNUAL CHANCE FLOOD
- UNSHADY ZONE "X" DENOTED AS AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN.

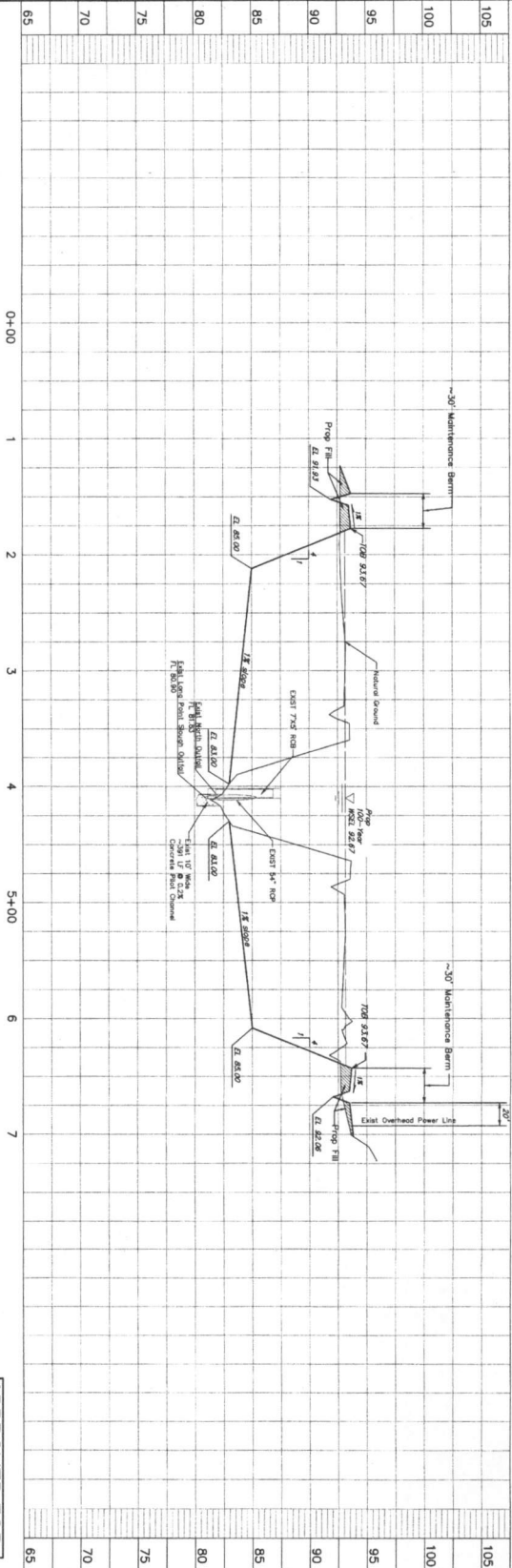
BENCHMARK

[illegible]

NOTE: THE 100-YEAR FLOOD ELEVATION IS APPROXIMATELY 92.3 FEET AS PER THE FEMA RESURVEYED PAINT MARK FOR FORT BEND COUNTY, TEXAS. THIS FLOOD ELEVATION IS BASED ON THE 1984-1986 100-YR FLOOD PLAIN STUDY. OVER 92.3 FT. CONTAINED IN THE CHANNEL SOUTH OF THE DETENTION POND.



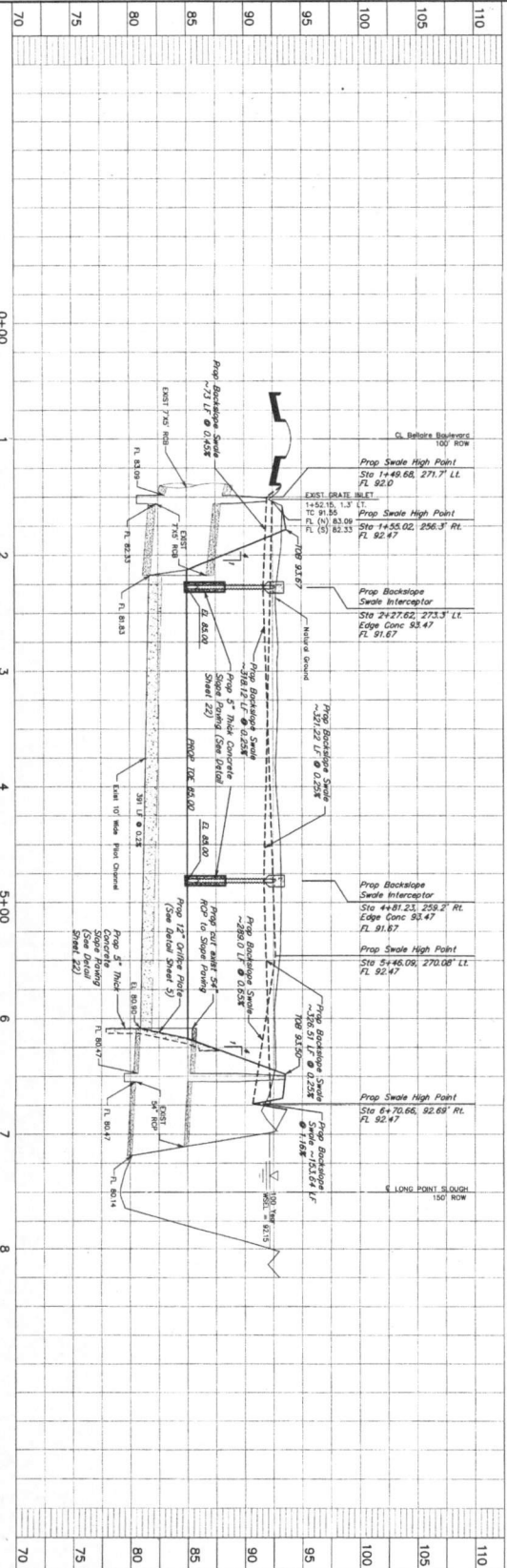
BASELINE A



EXISTING SEWER NOTE:
 EXISTING SEWER LINES AND MANHOLES ARE SHOWN FOR INFORMATION ONLY. THE EXISTING SEWER LINES AND MANHOLES ARE NOT TO BE CONSIDERED AS A BASIS FOR DESIGN OR CONSTRUCTION. THE EXISTING SEWER LINES AND MANHOLES ARE NOT TO BE CONSIDERED AS A BASIS FOR DESIGN OR CONSTRUCTION.

UNDERGROUND UTILITY NOTE:
 UNDERGROUND UTILITIES ARE SHOWN FOR INFORMATION ONLY. THE UNDERGROUND UTILITIES ARE NOT TO BE CONSIDERED AS A BASIS FOR DESIGN OR CONSTRUCTION. THE UNDERGROUND UTILITIES ARE NOT TO BE CONSIDERED AS A BASIS FOR DESIGN OR CONSTRUCTION.

BASELINE B



APPROVED FOR
 CONSTRUCTION

RECORD MAP:
 RECORD MAPS ARE REQUIRED FOR ALL PROJECTS. THE RECORD MAPS ARE TO BE SUBMITTED TO THE CITY OF HOUSTON FOR REVIEW AND APPROVAL. THE RECORD MAPS ARE TO BE SUBMITTED TO THE CITY OF HOUSTON FOR REVIEW AND APPROVAL.

IB.M. A:
 THE CITY OF HOUSTON IS THE OWNER OF THE PROJECT. THE CITY OF HOUSTON IS THE OWNER OF THE PROJECT. THE CITY OF HOUSTON IS THE OWNER OF THE PROJECT.



APPROVED: *[Signature]*
 DATE: 10/1/17

CMC:
 DATE: 9/27/17

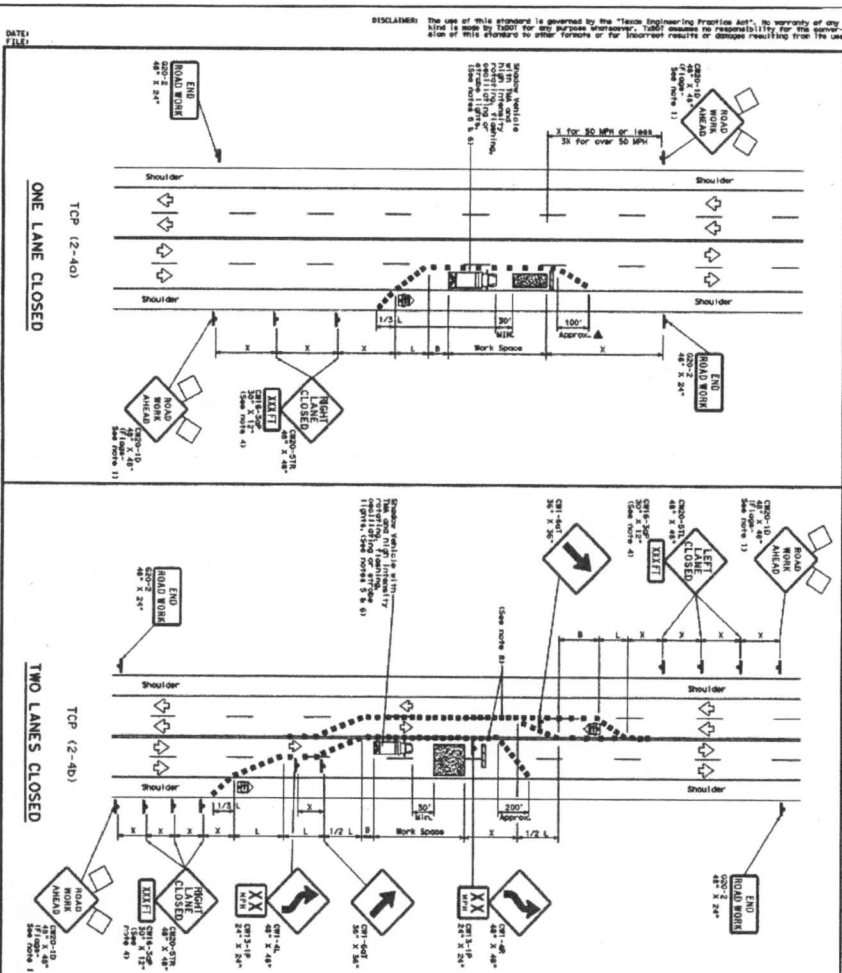
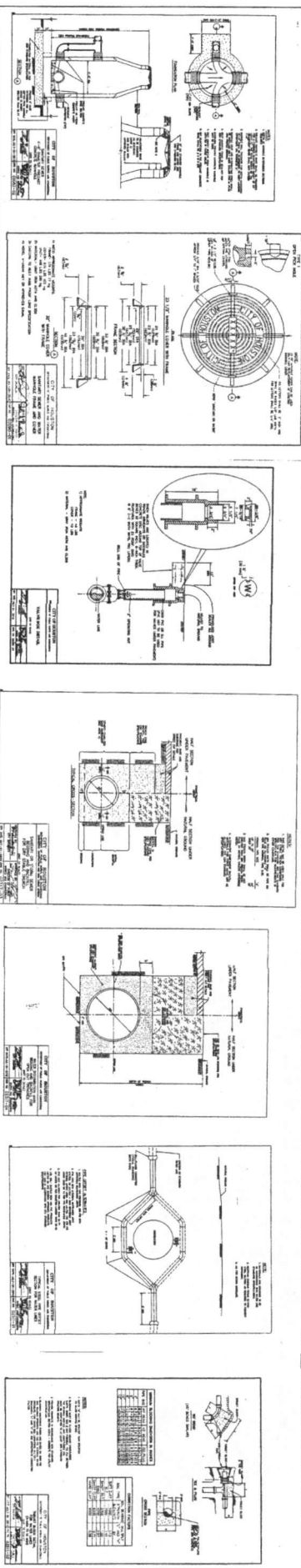
JONES CARTER:
 DATE: 9/27/17

CITY OF HOUSTON:
 DATE: 9/27/17

BLAINE BLVD UTILITY:
 DATE: 9/27/17

BASELINE A:
 DATE: 9/27/17





GENERAL NOTES:

1. All traffic control devices shall be installed in accordance with the Texas Manual on Uniform Traffic Control Devices (TMUTCD) and the Texas Department of Transportation (TxDOT) Standard Specifications for Road and Bridge Construction.
2. All traffic control devices shall be installed in accordance with the Texas Manual on Uniform Traffic Control Devices (TMUTCD) and the Texas Department of Transportation (TxDOT) Standard Specifications for Road and Bridge Construction.
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10. All traffic control devices shall be installed in accordance with the Texas Manual on Uniform Traffic Control Devices (TMUTCD) and the Texas Department of Transportation (TxDOT) Standard Specifications for Road and Bridge Construction.

TRAFFIC CONTROL PLAN
LANE CLOSURES ON MULTILANE CONVENTIONAL ROADS
TCP (2-4) - 12

APPROVED FOR CONSTRUCTION

CITY OF HOUSTON
DEPARTMENT OF PUBLIC WORKS AND ENGINEERING

JONES CARTER
Traffic Engineering

APPROVED: [Signature]
DATE: 10/11/17

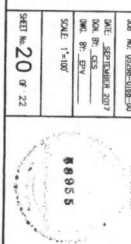
BLANK M. BROWN
Traffic Engineering

GRAND MISSION MUNICIPAL UTILITY
DISTRICT NO. 2
FORT BEND COUNTY, TEXAS

EXTENSION & RETENTION
MISCELLANEOUS DETAILS

FILE NO. 18-00000-000-000
DATE: 10/11/17
BY: [Signature]
SCALE: 1/8" = 1'-0"

NOTE: CITY ENGINEER'S SEAL FOR ONE YEAR ONLY

[illegible]

22. 07. 2011

JONES CARTER 10000 Westpark Drive, Suite 100, Dallas, TX 75243 Phone: 214.343.1234 Fax: 214.343.1235 www.jonescarter.com	PROJECT NO. 0286-0188-00 SHEET NO. 0286-0188-00-01 DATE: 09/06/17	DRAWN BY: JLC CHECKED BY: JLC APPROVED BY: JLC
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FORT BEND COUNTY ENGINEERING DEPARTMENT



PROJECT NO. 0286-0188-00 SHEET NO. 0286-0188-00-01 DATE: 09/06/17	DRAWN BY: JLC CHECKED BY: JLC APPROVED BY: JLC	PROJECT NO. 0286-0188-00 SHEET NO. 0286-0188-00-01 DATE: 09/06/17
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REINFORCED FILTER FABRIC BARRIER

INLET PROTECTION BARRIERS FOR STAGE I INLETS

APPROVED FOR
CONSTRUCTION

STABILIZED CONSTRUCTION ACCESS



CONSTRUCTION MONITORING
FOR STAGE I INLETS
BELLARE BLVD UTILITY EXTENSION & DETENTION
0286-0188-00
09/06/17
JLC

