

12 L

REVIEW BY FORT BEND COUNTY COMMISSIONERS COURT

On this 05 day of AUGUST, 2014, Commissioners Court
came on to be heard and reviewed the accompanying notice
of BEYER CONSTRUCTION, LLC

Job Location BEECHNUT STREET

Dated 07/18/14 BOND NO TX 880468, Permit No. 84642
to make use of certain Fort Bend County property subject to, "A Revised 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, date the 3rd day of August, 1987, recorded in
Volume _____ of the Minutes of the Commissioners Court of Fort Bend County,
Texas, to the extent that such order is not inconsistent with Article 1436a, Vernon's
Texas Civil Statutes. Upon Motion of Commissioner Meyers, seconded
by Commissioner Patterson, duly put and carried, it is ORDERED,
ADJUGED 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.

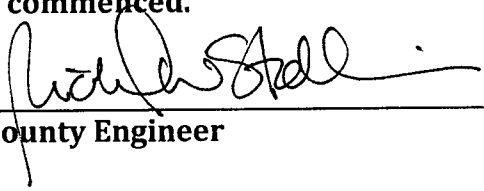
Notes:

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

Mail notices to: Permit Administrator
Fort Bend County Engineering
301 JACKSON STREET
RICHMOND, Texas 77469
281-633-7500

3. This permit expires one (1) year from date of permit if construction has not
commenced.

By


County Engineer

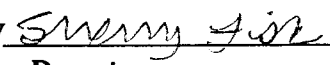
By

N/A
Drainage District Engineer/Manager

Presented to Commissioners Court
and approved.

Recorded in Volume 8-5-14
Minutes of Commissioners Court.

Clerk of Commissioners Court

By 
Deputy

**PERFORMANCE BOND COVERING ALL CABLE, CONDUIT AND/OR POLE LINE
ACTIVITY IN, UNDER, ACROSS OR ALONG FORT BEND COUNTY ROADS**

AUTHORIZED

BOND NO. TX 880468

THE STATE OF TEXAS §

KNOW ALL MEN BY THESE PRESENTS:

COUNTY OF FORT BEND §

THAT WE, Beyer Construction, LLC whose address is 16110 Hollister, Houston, Texas, hereinafter called the Principal, and Merchants Bonding Company (Mutual), a Corporation existing under and by virtue of the laws of the State of Iowa and authorized to do an indemnifying business in the State of Texas, and whose principal office is located at 2100 Fleur Drive, Des Moines, Iowa 50321-1158, whose officer residing in the State of Texas, authorized to accept service in all suits and actions brought within said State is Texas and whose address is 9500 Arboretum Blvd., Ste. 100, Austin, TX 78759, hereinafter called the Surety, and held and firmly bound unto, Robert E. Hebert, County Judge of Fort Bend County, Texas, or his successors in office, in the full sum of Thirteen Thousand Two Hundred Fifty Dollars (\$13,250.00) current, lawful money of the United States of America, to be paid to said Robert E. Hebert, County Judge of Fort Bend County, Texas, or his successors in office, to which payment well and truly to be made and done, we, the undersigned, bind ourselves and each of us, our heirs, executors, administrators, successors, assigns, and legal representatives, jointly and severally, by these presents.

THE CONDITION OF THIS BOND IS SUCH THAT, WHEREAS, the above bounden principal contemplates laying, constructing, maintaining and/or repairing one or more cables, conduits, and/or pole lines in, under, across and/or along roads, streets and highways in the County of Fort Bend, and the State of Texas, under the jurisdiction of the Commissioners' Court of Fort Bend County, Texas, pursuant to the Commissioners' Court order adopted on the 1st day of December, A.D. 1980, recorded in Volume 13, of the Commissioners' Court Minutes of Fort Bend County, Texas, regulating same, which Commissioners' Court order is hereby referred to and made a part hereof for all purposes as though fully set out herein;

AND WHEREAS, the principal desires to provide Fort Bend County with a performance bond covering all such cable, conduit and/or pole line activity;

NOW, THEREFORE, if the above bounden principal shall faithfully perform all its cable, conduit and/or pole line activity (including, but not limited to the laying, construction, maintenance and/or repair of cables, conduits and/or pole lines) in, under, across and/or along roads, streets and highways in the County of Fort Bend and State of Texas, under the jurisdiction of the Commissioners Court of Fort Bend County, Texas, pursuant to and in accordance with minimum requirements and conditions of the above mentioned Commissioners' Court order set forth and specified to be by said principal done and performed, at the time and in the manner therein specified, and shall pay over and make good and reimburse Fort Bend County, all loss and damages which Fort Bend County may sustain by reason of any failure or default on the part of said principal, then this obligation shall be null and void, otherwise to remain in full force and effect.

This bond is payable at the County Courthouse in the County of Fort Bend and State of Texas.

It is understood that at any time Fort Bend County deems itself insecure under this bond, it may require further and/or additional bonds of the principal.

EXECUTED this 16th day of July, 2014.

Beyer Construction, LLC

PRINCIPAL

James Thompson V.P.
BY

Merchants Bonding Company (Mutual)

SURETY

BY Kevin McQuain, Attorney-in-Fact

MERCHANTS
BONDING COMPANY™
POWER OF ATTORNEY

Know All Persons By These Presents, that MERCHANTS BONDING COMPANY (MUTUAL) and MERCHANTS NATIONAL BONDING, INC., both being corporations duly organized under the laws of the State of Iowa (herein collectively called the "Companies"), and that the Companies do hereby make, constitute and appoint, individually,

Scott D. Chapman, Elaine Lewis, Rosalyn D. Hassell, Justin McQuain, Kevin McQuain,
Jeanne M. Buchan, Debra L. Buckner, Pamela C. Martinson, Nancy J. Portugal, Barbara K. Sachi, Keith M. Illa

of The Woodlands and State of Texas their true and lawful Attorney-in-Fact, with full power and authority hereby conferred in their name, place and stead, to sign, execute, acknowledge and deliver in their behalf as surety any and all bonds, undertakings, recognizances or other written obligations in the nature thereof, subject to the limitation that any such instrument shall not exceed the amount of:

TEN MILLION (\$10,000,000.00) DOLLARS

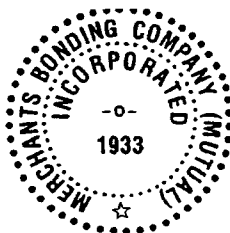
and to bind the Companies thereby as fully and to the same extent as if such bond or undertaking was signed by the duly authorized officers of the Companies, and all the acts of said Attorney-in-Fact, pursuant to the authority herein given, are hereby ratified and confirmed.

This Power-of-Attorney is made and executed pursuant to and by authority of the following By-Laws adopted by the Board of Directors of the Merchants Bonding Company (Mutual) on April 23, 2011 and adopted by the Board of Directors of Merchants National Bonding, Inc., on October 24, 2011.

"The President, Secretary, Treasurer, or any Assistant Treasurer or any Assistant Secretary or any Vice President shall have power and authority to appoint Attorneys-in-Fact, and to authorize them to execute on behalf of the Company, and attach the seal of the Company thereto, bonds and undertakings, recognizances, contracts of indemnity and other writings obligatory in the nature thereof.

The signature of any authorized officer and the seal of the Company may be affixed by facsimile or electronic transmission to any Power of Attorney or Certification thereof authorizing the execution and delivery of any bond, undertaking, recognizance, or other suretyship obligations of the Company, and such signature and seal when so used shall have the same force and effect as though manually fixed."

In Witness Whereof, the Companies have caused this instrument to be signed and sealed this 6th day of March, 2013.



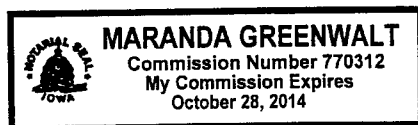
MERCHANTS BONDING COMPANY (MUTUAL)
MERCHANTS NATIONAL BONDING, INC.

By *Larry Taylor*
President

STATE OF IOWA
COUNTY OF POLK ss.

On this 6th day of March, 2013, before me appeared Larry Taylor, to me personally known, who being by me duly sworn did say that he is President of the MERCHANTS BONDING COMPANY (MUTUAL) and MERCHANTS NATIONAL BONDING, INC.; and that the seals affixed to the foregoing instrument is the Corporate Seals of the Companies; and that the said instrument was signed and sealed in behalf of the Companies by authority of their respective Boards of Directors.

In Testimony Whereof, I have hereunto set my hand and affixed my Official Seal at the City of Des Moines, Iowa, the day and year first above written.

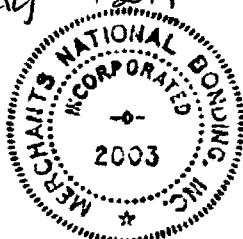


Maranda Greenwalt
Notary Public, Polk County, Iowa

STATE OF IOWA
COUNTY OF POLK ss.

I, William Warner, Jr., Secretary of the MERCHANTS BONDING COMPANY (MUTUAL) and MERCHANTS NATIONAL BONDING, INC., do hereby certify that the above and foregoing is a true and correct copy of the POWER-OF-ATTORNEY executed by said Companies, which is still in full force and effect and has not been amended or revoked.

In Witness Whereof, I have hereunto set my hand and affixed the seal of the Companies on this 16th day of July, 2014.



William Warner Jr.
Secretary

POA 0014 (11/11)

MERCHANTS
BONDING COMPANY™

MERCHANTS BONDING COMPANY (MUTUAL) • MERCHANTS NATIONAL BONDING, INC.
2100 FLEUR DRIVE • DES MOINES, IOWA 50321-1158 • (800) 678-8171 • (515) 243-3854 FAX

IMPORTANT NOTICE

To obtain information or make a complaint:

You may contact your insurance agent at the telephone number provided by your insurance agent.

You may call Merchants Bonding Company (Mutual) toll-free telephone number for information or to make a complaint at:

1-800-678-8171

You may contact the Texas Department of Insurance to obtain information on companies, coverages, rights or complaints at:

1-800-252-3439

You may write the Texas Department of Insurance at:

P. O. Box 149104
Austin, TX 78714-9104
Fax: (512) 475-1771
Web: <http://www.tdi.state.tx.us>
E-mail: ConsumerProtection@tdi.texas.gov

PREMIUM AND CLAIM DISPUTES: Should you have a dispute concerning your premium or about a claim you should contact the agent first. If the dispute is not resolved, you may contact the Texas Department of Insurance.

ATTACH THIS NOTICE TO YOUR POLICY: This notice is for information only and does not become a part or condition of the attached document.

COUNTY OF FORT BEND

Engineering Department

301 JACKSON STREET
RICHMOND, Texas 77469

Johnny Ortega
Permit Administrator

1124 Blume Road
Phone: (281) 633-7500

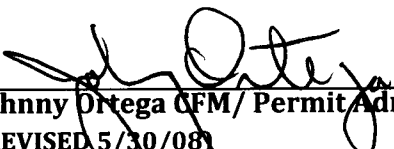
PERMIT APPLICATION REVIEW FORM FOR CABLE, CONDUIT, AND POLE LINE ACTIVITY IN FORT BEND COUNTY

PERMIT NO. 084642

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.

- X (1) Complete Application Form.
- X a. Name of road, street, and/or drainage ditch affected.
- X b. Vicinity map showing course of direction.
- X c. Plans and specifications.
- X (2) Bond:
- District Attorney, approval when applicable.
- Perpetual bond currently posted.
- No.
- Amount
- X Performance bond submitted.
- No. TX880468
- Amount \$13,250.00
- Cashier's Check.
- No.
- Amount
- (3) Verbal permission given for emergencies, to start construction before approved in Commissioner's Court.
- Precinct Engineer Acknowledgment Date
- Precinct Commissioner Acknowledgment Date
- (4)
- Drainage District Approval when applicable

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


Johnny Ortega CFM/ Permit Administrator
(REVISED 5/30/08)

07/18/2014
Date

T/ \$53,000.00 cost

**FORT BEND COUNTY ENGINEERING
PERMIT DEPARTMENT**

**CONSTRUCTION OF DRIVEWAYS AND CULVERTS ON COUNTY EASEMENTS AND RIGHT OF WAYS
COMMERCIAL PIPE PERMIT APPLICATION**

Physical: 1124 Blume Road, Rosenberg, Texas 77471

Mailing: 301 Jackson St., Richmond, Texas 77469

(Phone) 281-633-7502 or 7503 • (Fax) 281-633-7545

www.FortBendCountyTx.gov

APPLICANT INFORMATION

Application No.

84642
(County Use Only)

Applicant Name Beyer Construction, LLC

Applicant Mailing Address 16110 Hollister Street

City Houston State Texas Zip 77066

Home Phone _____ Daytime Phone 281-587-5900

Property Owner's Name _____ Phone _____

Property Owner's Mailing Address _____

City _____ State _____ Zip _____

LOCATION OF PROPERTY

Subdivision Grand Mission Estates Sec 20 Lot _____ Blk _____

Physical Address _____

(ATTACH A SITE MAP)

SITE USE

Driveway Curb & Gutter Section ☐ _____ Driveway - Open Ditch Section ☐ _____

Culvert Only ☐ _____ Other ☒ Left Turn Lane

Length 20' minimum and 40' maximum Number of drives _____

(See - Fort Bend County Procedures to be followed for Commercial Driveway, and Median Openings or Modifications)

Available on web site: www.FortBendCountyTx.gov

Does project comply with Fort Bend County Lighting Regulations Yes () No ()

(See: Fort Bend County Outdoor Lighting Regulations on website: www.FortBendCountyTx.gov)

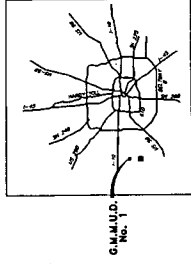
- By signing and submitting this permit application, I am stating that I am the owner of this property and I am aware of and agree to abide by the Fort Bend County Regulations of Subdivisions and I am aware of Section 2, Item F in the Permits for the Construction of Driveways & Culverts on County Easements and Right of Ways in Fort Bend County, and am responsible to obtain all other required permits associated with the above mentioned property. Driveway and Pipe Permits shall provide that construction pursuant to the permit will be commenced within six months and be completed within nine months from the date of the permit and that fees collected for said permits shall not be refundable or transferable. I further understand the permit fee, in the form of CASH or PERSONAL CHECK or COMPANY CHECK or a CASHIERS CHECK or MONEY ORDER payable to FORT BEND COUNTY, must be attached.
- The undersigned applicant, agent or attorney hereby certifies to Commissioners' Court to be strictly bound to Commissioners' Court to construct the driveway and/or culvert in strict conformity with the plans, specifications, terms, provisions and conditions of the permit and any other written material incorporated by reference in this application.
- Other permits may be required for development. Please contact the Fort Bend County Road & Bridge Department for pipe sizing or the Fort Bend County Health Department for information on On-Site Sewage Facility permits prior to planning construction.
- Failure to possess or obtain required permits will result in legal action against the property owner as allowed by law.

James Thompson
Signature of Applicant, Agent or Attorney

7-17-14
Date

James R. Thompson
Printed Name

CONSTRUCTION OF WATER, SANITARY & DRAINAGE FACILITIES FOR GRAND MISSION MUNICIPAL UTILITY DISTRICT No. 1 FORT BEND COUNTY, TX GRAND MISSION ESTATES SECTION 20



NOTES:

These Plans were prepared to meet or exceed the specifications and requirements of City of Houston and Fort Bend County as currently amended. 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 plot of this section is filed in the Fort Bend County Map Records. Construction will be monitored under the supervision of a licensed professional engineer of JONES & CARTER, INC. Contractor shall notify the Fort Bend County Engineering Department at least 48 hours prior to commencement at 201-635-7500.

I, James B. Stollers, a Professional Engineer licensed in the State of Texas, hereby certify that these Plans were prepared under my supervision to meet or exceed the specifications and requirements of Fort Bend County, Texas.

James B. Stollers, P.E.
Date: 4/16/14

FLOODPLAIN NOTE:

ACCORDING TO MAP NO. 48157C0006J OF THE FEDERAL EMERGENCY MANAGEMENT AGENCY'S FLOOD INSURANCE RATE MAPS FOR FORT BEND COUNTY AND INCORPORATED AREAS, DATED JANUARY 3, 1987, THE SUBJECT TRACT IS SITUATED WITHIN ZONE 1.

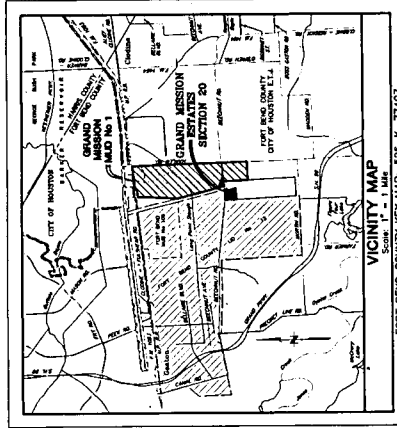
Contractor shall notify the City of Houston, Department of Public Works and Engineering office of the City Engineer, 48 hours before starting work on this project. Engineering office of the City Engineer, (832)344-9090

FORT BEND COUNTY ENGINEER

ENGINEER: RONALD W. STOLLERS, P.E.
DATE: 5/15/14
THESE SIGNATURES ARE VOID IF CONSTRUCTION HAS NOT BEGUN WITHIN ONE (1) YEAR FROM DATE OF APPROVAL.

APPROVAL IS MAILED FOR IMPROVEMENTS WITHIN THE CITY OF HOUSTON. AUTHORITY LINES APPROVED AS TO LOCATION ONLY. AUTHORIZATION IS VALID FOR 1 YEAR.

APPROVED: *James B. Stollers*
DATE: 5/15/14



INDEX OF DRAWINGS

SHEET No.	TITLE
1	COVER SHEET & INDEX
2	GENERAL CONSTRUCTION LAYOUT - WATER
3	GENERAL CONSTRUCTION LAYOUT - SANITARY SEWER
4	GENERAL CONSTRUCTION LAYOUT - PAVING AND DRAINAGE
5	GENERAL CONSTRUCTION LAYOUT - SIGNING AND PAVEMENT MARKING PLAN
6	STORM DRAINAGE TABLES
7	CONSTRUCTION NOTES
8	TRANS CANNON LANE 1+00 TO 6+84.82
9	STORM OUTFALL 1+00 TO 3+52.07
10	HOUSTON FALLS LANE 6+84.82 TO 1+477.25
11	BLAIR ORCHARD LANE 1+00 TO 11+58.89
12	BOWME PLANTATION LANE 1+00 TO 6+57.47
13	CROCKET COVE LANE 1+00 TO 3+05.15
14	OFFSITE SANITARY 51+57.588 TO 99+22.93
15	BEECHNUT STREET 58+00 TO 63+20
16	MISCELLANEOUS DETAILS I
17	MISCELLANEOUS DETAILS II
18	PAVEMENT DETAILS
19	PAVEMENT MARKING DETAILS
20	GRADING PLAN AND MINIMUM SLAB ELEVATIONS
21	RETAINING WALL DETAIL
22	STORM WATER POLLUTION PREVENTION PLAN
23	STORM WATER POLLUTION PREVENTION PLAN DETAILS
24	1400T DETAILS

TELEPHONE NOTIFICATION SYSTEM
CALL BEFORE YOU DIG!!
1-800-344-8377



APRIL 2014

FORT BEND COUNTY

JC JONES & CARTER, INC.
ENGINEERS-PLANNERS-SURVEYORS
Texas Board of Professional Engineers Registration No. F-4399
8101 New York St., Ste. 200 The Woodlands, Texas 77381 (281) 264-0033

James B. Stollers
DATE: 5/15/14
SHEET: 1 of 21

LMS No. 14000590
C.O.M. LOG No. 14-0009
CPC 01 REF. No. 2014-0316 CSP

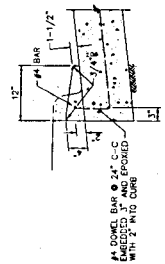
SURVEYED BY: <i>James B. Stollers</i>	
CITY OF HOUSTON DEPARTMENT OF PUBLIC WORKS AND ENGINEERING	
DATE: 5/15/14	TIME: 9:30 AM
LOCATION: 1400T	DATE: 5/15/14
PROJECT: 1400T	DATE: 5/15/14
FOR CITY OF HOUSTON USE ONLY	
SECTION OF PUBLIC WORKS AND ENGINEERING	
DATE: 5/15/14	
SHEET: 1 of 21	

[illegible]

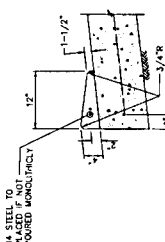
ILMS NO. 140005900 C.O.H. LOG No. 14-0009

PRIVATE UTILITY LINES SHOWN AS SHOWN ON THIS MAP, THERE ARE NO KNOWN UTILITIES LOCATED WITHIN THE PROPERTY DESCRIBED HEREON. (CHECK ONE) ☒ YES ☐ NO		Date: _____	
PROPERTY OWNER'S NAME JONES CARTE BROS		Date: _____	
PROPERTY ADDRESS 1015 TOWN OF HOUSTON, TEXAS 77058		Date: _____	
PROPERTY TYPE SINGLE-FAMILY RESIDENCE		Date: _____	
PROPERTY SIZE 1.00 ACRES		Date: _____	
PROPERTY VALUE \$100,000.00		Date: _____	
PROPERTY TAXES \$1,000.00		Date: _____	
PROPERTY DESCRIPTION GRAND MISSION AWD No. 1 TOWN OF HOUSTON, TEXAS		Date: _____	
PROPERTY OWNER'S NAME JONES CARTE BROS		Date: _____	
PROPERTY ADDRESS 1015 TOWN OF HOUSTON, TEXAS 77058		Date: _____	
PROPERTY TYPE SINGLE-FAMILY RESIDENCE		Date: _____	
PROPERTY SIZE 1.00 ACRES		Date: _____	
PROPERTY VALUE \$100,000.00		Date: _____	
PROPERTY TAXES \$1,000.00		Date: _____	
PROPERTY DESCRIPTION GRAND MISSION AWD No. 1 TOWN OF HOUSTON, TEXAS		Date: _____	
PROPERTY OWNER'S NAME JONES CARTE BROS		Date: _____	
PROPERTY ADDRESS 1015 TOWN OF HOUSTON, TEXAS 77058		Date: _____	
PROPERTY TYPE SINGLE-FAMILY RESIDENCE		Date: _____	
PROPERTY SIZE 1.00 ACRES		Date: _____	
PROPERTY VALUE \$100,000.00		Date: _____	
PROPERTY TAXES \$1,000.00		Date: _____	
PROPERTY DESCRIPTION GRAND MISSION AWD No. 1 TOWN OF HOUSTON, TEXAS		Date: _____	
PROPERTY OWNER'S NAME JONES CARTE BROS		Date: _____	
PROPERTY ADDRESS 1015 TOWN OF HOUSTON, TEXAS 77058		Date: _____	
PROPERTY TYPE SINGLE-FAMILY RESIDENCE		Date: _____	
PROPERTY SIZE 1.00 ACRES		Date: _____	
PROPERTY VALUE \$100,000.00		Date: _____	
PROPERTY TAXES \$1,000.00		Date: _____	
PROPERTY DESCRIPTION GRAND MISSION AWD No. 1 TOWN OF HOUSTON, TEXAS		Date: _____	
PROPERTY OWNER'S NAME JONES CARTE BROS		Date: _____	
PROPERTY ADDRESS 1015 TOWN OF HOUSTON, TEXAS 77058		Date: _____	
PROPERTY TYPE SINGLE-FAMILY RESIDENCE		Date: _____	
PROPERTY SIZE 1.00 ACRES		Date: _____	
PROPERTY VALUE \$100,000.00		Date: _____	
PROPERTY TAXES \$1,000.00		Date: _____	
PROPERTY DESCRIPTION GRAND MISSION AWD No. 1 TOWN OF HOUSTON, TEXAS		Date: _____	
PROPERTY OWNER'S NAME JONES CARTE BROS		Date: _____	
PROPERTY ADDRESS 1015 TOWN OF HOUSTON, TEXAS 77058		Date: _____	
PROPERTY TYPE SINGLE-FAMILY RESIDENCE		Date: _____	
PROPERTY SIZE 1.00 ACRES		Date: _____	
PROPERTY VALUE \$100,000.00		Date: _____	
PROPERTY TAXES \$1,000.00		Date: _____	
PROPERTY DESCRIPTION GRAND MISSION AWD No. 1 TOWN OF HOUSTON, TEXAS		Date: _____	
PROPERTY OWNER'S NAME JONES CARTE BROS		Date: _____	
PROPERTY ADDRESS 1015 TOWN OF HOUSTON, TEXAS 77058		Date: _____	
PROPERTY TYPE SINGLE-FAMILY RESIDENCE		Date: _____	
PROPERTY SIZE 1.00 ACRES		Date: _____	
PROPERTY VALUE \$100,000.00		Date: _____	
PROPERTY TAXES \$1,000.00		Date: _____	
PROPERTY DESCRIPTION GRAND MISSION AWD No. 1 TOWN OF HOUSTON, TEXAS		Date: _____	
PROPERTY OWNER'S NAME JONES CARTE BROS		Date: _____	
PROPERTY ADDRESS 1015 TOWN OF HOUSTON, TEXAS 77058		Date: _____	
PROPERTY TYPE SINGLE-FAMILY RESIDENCE		Date: _____	
PROPERTY SIZE 1.00 ACRES		Date: _____	
PROPERTY VALUE \$100,000.00		Date: _____	
PROPERTY TAXES \$1,000.00		Date: _____	
PROPERTY DESCRIPTION GRAND MISSION AWD No. 1 TOWN OF HOUSTON, TEXAS		Date: _____	
PROPERTY OWNER'S NAME JONES CARTE BROS		Date: _____	
PROPERTY ADDRESS 1015 TOWN OF HOUSTON, TEXAS 77058		Date: _____	
PROPERTY TYPE SINGLE-FAMILY RESIDENCE		Date: _____	
PROPERTY SIZE 1.00 ACRES		Date: _____	
PROPERTY VALUE \$100,000.00		Date: _____	
PROPERTY TAXES \$1,000.00		Date: _____	
PROPERTY DESCRIPTION GRAND MISSION AWD No. 1 TOWN OF HOUSTON, TEXAS		Date: _____	
PROPERTY OWNER'S NAME JONES CARTE BROS		Date: _____	
PROPERTY ADDRESS 1015 TOWN OF HOUSTON, TEXAS 77058		Date: _____	
PROPERTY TYPE SINGLE-FAMILY RESIDENCE		Date: _____	
PROPERTY SIZE 1.00 ACRES		Date: _____	
PROPERTY VALUE \$100,000.00		Date: _____	
PROPERTY TAXES \$1,00			

ILMS NO. 140005900 C.O.H. LOG No. 14-0009

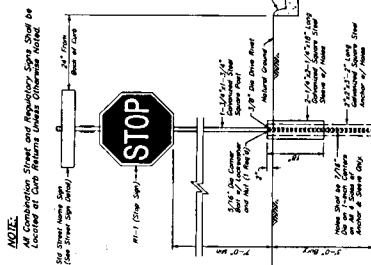


TYPICAL DETAIL
4'x12' TRANSITION CURB

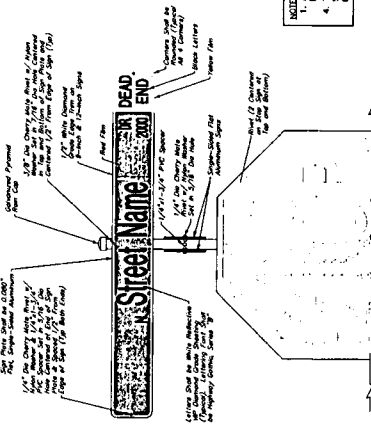


TYPICAL DETAIL
4'x12' CURB

1. 4'x12' MONOLITHIC AND TRANSITION CURB NOTES:
A curb concrete joint is to be constructed at all intersections, where the curb is to be placed over a concrete curb, the curb shall be placed over the concrete curb and the curb shall be placed over the concrete curb.
2. Preparation of curb concrete shall be as follows: a. (1) curb concrete shall be placed over a concrete curb and the curb shall be placed over the concrete curb.
3. The curb shall be placed over the concrete curb and the curb shall be placed over the concrete curb.



COMBINATION STREET NAME SIGN AND
REGULATORY SIGN INSTALLATION DETAIL



STREET NAME SIGN DETAIL

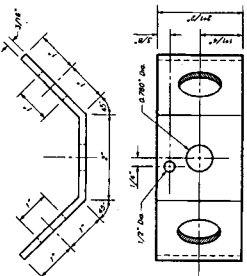
TABLE 1

REINFORCING STEEL BAR SIZES AND SPACINGS FOR VARIOUS PAVEMENT THICKNESSES (D) WITH
CONCRETE STRENGTH (F) OF 4,000 PSI AND 5,000 PSI
R = 3,000 PSI AND 4,000 PSI

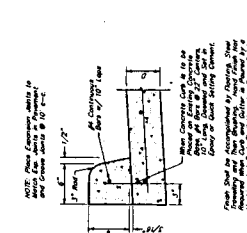
PAVEMENT THICKNESS (D)	CONCRETE STRENGTH (F) OF 4,000 PSI		CONCRETE STRENGTH (F) OF 5,000 PSI	
	BAR SIZE	SPACING (IN)	BAR SIZE	SPACING (IN)
4	#4	12	#4	12
5	#4	12	#4	12
6	#4	12	#4	12
7	#4	12	#4	12
8	#4	12	#4	12
9	#4	12	#4	12
10	#4	12	#4	12
11	#4	12	#4	12
12	#4	12	#4	12
13	#4	12	#4	12
14	#4	12	#4	12
15	#4	12	#4	12
16	#4	12	#4	12
17	#4	12	#4	12
18	#4	12	#4	12
19	#4	12	#4	12
20	#4	12	#4	12
21	#4	12	#4	12
22	#4	12	#4	12
23	#4	12	#4	12
24	#4	12	#4	12
25	#4	12	#4	12
26	#4	12	#4	12
27	#4	12	#4	12
28	#4	12	#4	12
29	#4	12	#4	12
30	#4	12	#4	12
31	#4	12	#4	12
32	#4	12	#4	12
33	#4	12	#4	12
34	#4	12	#4	12
35	#4	12	#4	12
36	#4	12	#4	12
37	#4	12	#4	12
38	#4	12	#4	12
39	#4	12	#4	12
40	#4	12	#4	12
41	#4	12	#4	12
42	#4	12	#4	12
43	#4	12	#4	12
44	#4	12	#4	12
45	#4	12	#4	12
46	#4	12	#4	12
47	#4	12	#4	12
48	#4	12	#4	12
49	#4	12	#4	12
50	#4	12	#4	12
51	#4	12	#4	12
52	#4	12	#4	12
53	#4	12	#4	12
54	#4	12	#4	12
55	#4	12	#4	12
56	#4	12	#4	12
57	#4	12	#4	12
58	#4	12	#4	12
59	#4	12	#4	12
60	#4	12	#4	12
61	#4	12	#4	12
62	#4	12	#4	12
63	#4	12	#4	12
64	#4	12	#4	12
65	#4	12	#4	12
66	#4	12	#4	12
67	#4	12	#4	12
68	#4	12	#4	12
69	#4	12	#4	12
70	#4	12	#4	12
71	#4	12	#4	12
72	#4	12	#4	12
73	#4	12	#4	12
74	#4	12	#4	12
75	#4	12	#4	12
76	#4	12	#4	12
77	#4	12	#4	12
78	#4	12	#4	12
79	#4	12	#4	12
80	#4	12	#4	12
81	#4	12	#4	12
82	#4	12	#4	12
83	#4	12	#4	12
84	#4	12	#4	12
85	#4	12	#4	12
86	#4	12	#4	12
87	#4	12	#4	12
88	#4	12	#4	12
89	#4	12	#4	12
90	#4	12	#4	12
91	#4	12	#4	12
92	#4	12	#4	12
93	#4	12	#4	12
94	#4	12	#4	12
95	#4	12	#4	12
96	#4	12	#4	12
97	#4	12	#4	12
98	#4	12	#4	12
99	#4	12	#4	12
100	#4	12	#4	12

NOTES:

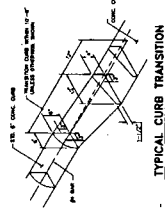
1. THE MAXIMUM WIDTH BETWEEN LONGITUDINAL JOINTS SHALL NOT EXCEED 15'-0"
2. ALL EXISTING AREAS ARE TO BE RECONSTRUCTED UNLESS SHOWN OTHERWISE ON DRAWINGS.
3. CONTRACTOR MAY SAW CUT IN USE OF DEFORMED METAL STRIP.
4. USE 1/2" STRIP OF 500 GRASS TO PREVENT EROSION UNTIL STAND OF GRASS IS ESTABLISHED.
5. MINIMUM LAP LENGTHS (L):
A. 4 BARS: L = 22 INCHES
B. 5 BARS: L = 22 INCHES
C. 6 BARS: L = 22 INCHES



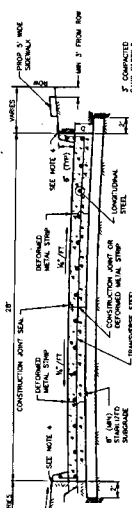
DOWEL FITTING DETAIL



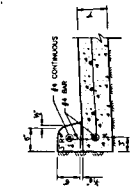
DOWELED-ON CONCRETE CURB
INTO CONCRETE PAVEMENT



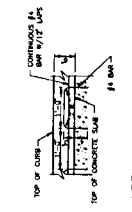
TYPICAL CURB TRANSITION



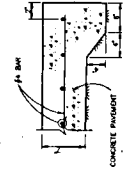
TYPICAL SINGLE ROADWAY SECTION FOR CONCRETE PAVEMENT WITH CURBS



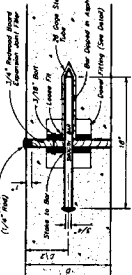
CONCRETE CURB
REINFORCEMENT



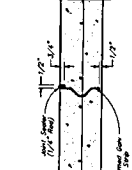
ALTERNATE CONCRETE
CURB REINFORCEMENT



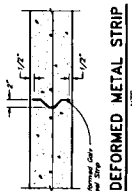
STANDARD CONCRETE
PAVING HEADER



KEYLOAD EXPANSION JOINT



TYPICAL KEYED
CONSTRUCTION JOINT



DEFORMED METAL STRIP



PRIVATE UTILITY LINES SHOWN
PLACED BY THE USER OF THIS DRAWING

DATE: _____

PROJECT: _____

DESIGNER: _____

CHECKED: _____

APPROVED: _____

SCALE: _____

NO. OF SHEETS: _____

SHEET NO. _____

PROJECT NO. _____

CLIENT: _____

LOCATION: _____

DESCRIPTION: _____

GENERAL CONSTRUCTION LAYOUT

GRAND MISSION ESTATES SECTION 20

GENERAL CONSTRUCTION LAYOUT

PAVING DETAILS

GRAND MISSION ESTATE NO. 1

FORT BEND COUNTY, TEXAS

J.C. JONES & COMPANY, INC.

ENGINEERS-PLANNERS-SURVEYORS

4410 West Loop South, Suite 1000, Houston, Texas 77025

51994

FOR CITY OF HOUSTON USE ONLY

FILE NO. _____

JOB NO. _____

DATE OF JOB _____

DATE OF PLAN _____

SCALE: _____

SHEET NO. 16 OF 21

PROJECT NO. 14000900

COD. LOG NO. 14-0009

SEGMENTAL RETAINING WALL CONSTRUCTION DRAWINGS

GRAND MISSION

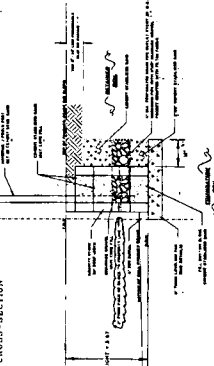
SECTION 17
HOUSTON, TX

- 1. NOTES
- 2. GENERAL NOTES
- 3. CONSTRUCTION NOTES
- 4. CROSS SECTION
- 5. DETAILS

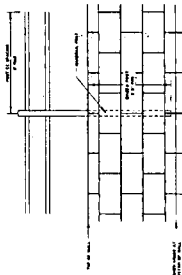


ETAMAR, INC.
Professional Engineer
No. 1400000000
State of Texas
Exp. 12/31/2018

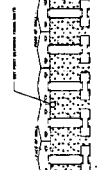
SEGMENTAL RETAINING WALL CROSS SECTION



ETAMAR, INC.
Professional Engineer
No. 1400000000
State of Texas
Exp. 12/31/2018



ETAMAR, INC.
Professional Engineer
No. 1400000000
State of Texas
Exp. 12/31/2018

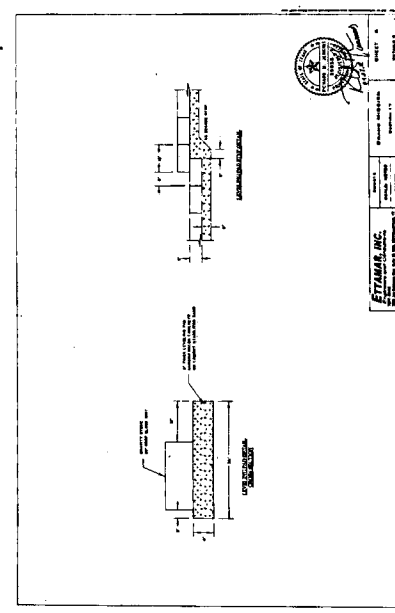


ETAMAR, INC.
Professional Engineer
No. 1400000000
State of Texas
Exp. 12/31/2018

NOTES:
1. SEE GENERAL NOTES FOR CONSTRUCTION DETAILS.
2. SEE GENERAL NOTES FOR CONSTRUCTION DETAILS.
3. SEE GENERAL NOTES FOR CONSTRUCTION DETAILS.
4. SEE GENERAL NOTES FOR CONSTRUCTION DETAILS.
5. SEE GENERAL NOTES FOR CONSTRUCTION DETAILS.
6. SEE GENERAL NOTES FOR CONSTRUCTION DETAILS.
7. SEE GENERAL NOTES FOR CONSTRUCTION DETAILS.
8. SEE GENERAL NOTES FOR CONSTRUCTION DETAILS.
9. SEE GENERAL NOTES FOR CONSTRUCTION DETAILS.
10. SEE GENERAL NOTES FOR CONSTRUCTION DETAILS.



ETAMAR, INC.
Professional Engineer
No. 1400000000
State of Texas
Exp. 12/31/2018



ETAMAR, INC.
Professional Engineer
No. 1400000000
State of Texas
Exp. 12/31/2018

ETAMAR, INC. Professional Engineer No. 1400000000 State of Texas Exp. 12/31/2018	
GRAND MISSION ESTATES SECTION 20 GENERAL CONSTRUCTION LAYOUT RETAINING WALL DETAILS	
CITY OF HOUSTON DEPARTMENT OF PUBLIC WORKS OFFICE OF THE CITY ENGINEER 1001 MAIN STREET, SUITE 1000 HOUSTON, TEXAS 77002 PHONE: 713-251-1000 FAX: 713-251-1001 WWW.CITYOFHOUSTON.ORG	
TITLE: _____ DATE: APRIL 2018 DRAWN BY: JCH CHECKED BY: JCH SCALE: 1"=10' SHEET NO. 18A OF 21	THE CITY OF HOUSTON USE ONLY CITY ENGINEER DATE: _____ SIGNATURE: _____ 51994

1400000000 C.O.H. LOT NO. 14-0000
1400000000 C.O.H. LOT NO. 14-0000

From 1941 to 1943

LINE NO: 140000

[illegible]
