



Fort Bend County Engineering
FORT BEND COUNTY, TEXAS

Richard W. Stolleis, P.E.
County Engineer

January 17, 2017

Judge Robert E. Hebert
Fort Bend County Judge
301 Jackson Street, Suite 719
Richmond, Texas 77406-0148

Re: Public Road Connection (Right Turn Lane) at FM1093 Eastbound Frontage Road at Grand Landing Blvd. within Grand Vista Lakes Development on behalf of D. R. Horton -Sponsorship

Honorable Judge Hebert:

Fort Bend County Engineering Department has received and reviewed a request (letters attached) from Jones & Carter, Inc., Inc. for Fort Bend County to sponsor a project for a public road connection (right turn lane), at FM1093 Eastbound Frontage Road at Grand Landing Blvd. within Grand Vista Lakes Development. The right turn lane will improve traffic flow along FM1093.

Any and all cost involved with the project will be borne by D. R. Horton Development. There will be no cost to Fort Bend County.

The Texas Department of Transportation request that an agency, such as Fort Bend County, act as a sponsor for the project. This means that the permit for the work will be issued in the name of Fort Bend County and the County accepts responsibility for the terms and conditions of the permit.

We recommend acceptance of the sponsorship and request that this item be placed on the 1/24/2017 Commissioner's Court agenda. We have prepared a letter to Texas Department of Transportation, for the County Judges' signature.

If there are any questions please do not hesitate to call.

Sincerely,

Maggie Dalton
Development Coordinator

Attachment: Scope of Work

cc: Mr. Roy Cordes, Jr. FBC Attorney
Commissioner Grady Prestage, Pct. 2
File

301 Jackson St., Suite 401, Richmond, TX 77469
Phone 281-633-7500

DRAFT

(To be placed on Co. Judge stationery)
(Call to have it e-mailed by Mary Jane
Sowa 281-633-7519)

Current date

Mr. Quincy Allen, P.E.
District Engineer, Houston District
Texas Department of Transportation
P.O. Box 1386
Houston, TX 77251-1386

Re: ***Public Road Connection (Right Turn Lane) at FM1093 Eastbound Frontage Road at Grand Landing Blvd. within Grand Vista Lakes Development on behalf of D. R. Horton -Sponsorship***

Dear Mr. Allen:

Fort Bend County has received and reviewed a request from Jones & Carter, Inc. for Fort Bend County to sponsor a Texas Department of Transportation project on behalf of Grand Vista Development Company for a public road connection (right turn lane), at FM1093 Eastbound Frontage Road at Grand Landing Blvd. within the Grand Vista Lakes Development, at no cost to the County.

The request was approved by Fort Bend County Commissioner's Court at their meeting dated _____. We request that a permit for the right turn lane be issued with Fort Bend County as sponsor for this project.

If there are any questions or need for additional information, please call Maggie Dalton in our Engineering Department at 281-633-7515.

Sincerely,

Robert E. Hebert
Fort Bend County Judge

REH/mw

Attachments: Resolution
Drawing

cc: Mr. Adriana a. Teran, EIT, Jone & Carter, Inc. ATeran@jonescarter.com
File

THE STATE OF TEXAS §

COUNTY OF FORT BEND §

**RESOLUTION TO SPONSOR A PROJECT FOR A PUBLIC ROAD CONNECTION
(RIGHT TURN LANE) AT FM1093 EASTBOUND FRONTAGE ROAD
AT GRAND LANDING BLVD. WITHIN GRAND VISTA LAKES DEVELOPMENT
ON BEHALF OF D. R. HORTON**

On this _____ day of _____, 2017, the Commissioners Court, sitting as the governing body of Fort Bend County, Texas, at a regular meeting, upon motion of Commissioner _____, seconded by Commissioner _____, duly put and carried;

WHEREAS, the proposed sponsorship project includes the installation of a public road connection (Right Turn Lane) at FM1093 Eastbound Frontage Road at Grand Landing Blvd. within the Grand Vista Lakes Development.

WHEREAS, the funding for such sponsorship of the project is to be provided through sources other than Fort Bend County.

NOW, THEREFORE, BE IT RESOLVED that Fort Bend County expresses its support and sponsorship of such project with the Texas Department of Transportation to cause such improvements to be made at FM1093 Eastbound Frontage Road at Grand Landing Blvd. within the Grand Vista Lakes Development.

FORT BEND COUNTY

By: _____
Robert E. Hebert, County Judge

ATTEST:

Laura Richard, County Clerk



JONES | CARTER



January 17, 2017

6330 West Loop South, Suite 150
Bellaire, Texas 77401

Tel: 713.777.5337

Fax: 713.777.5976

www.jonescarter.com

Honorable Robert E. Hebert
Fort Bend County Judge
301 Jackson Street, Suite 719
Richmond, Texas 77469

Re: Request for Sponsorship Letter
Proposed Street Tie-in at Eastbound FM 1093 Frontage Road
Grand Landing Boulevard for Grand Vista Lakes Development Phase 1
Fort Bend County, Texas
Jones & Carter, Inc. Job No. 14910-0004-00

Dear Judge Hebert:

Jones|Carter is preparing the street tie-in permit application to submit to the Texas Department of Transportation (TxDOT) for the proposed street tie-in of Grand Landing Boulevard at Eastbound FM 1093 Frontage Road. At the tie-in, Grand Landing Boulevard will be a right in/right out only, concrete paved roadway with a median, and curb and gutter drainage system. D.R. Horton-Texas, Ltd., the developer for the Grand Vista Lakes Development, will fund the cost of construction. There will be no expense to Fort Bend County. The attached construction plan drawings were prepared in accordance with TxDOT's street tie-in permit requirements.

As part of the permit application process, TxDOT is requiring a sponsorship letter from Fort Bend County. I am requesting Fort Bend County's sponsorship of this project and a sponsorship letter to include with the TxDOT permit application package.

Please contact me if you need further information or have any questions.

Sincerely,

Adriana A. Teran, E.I.T.

AAT/dch

K:\14910\14910-0004-00 Grand Vista Phase 1 Preliminary Engineer\Project Management\Deliverables
Attachments

[illegible][illegible]

VICINITY MAP
Scale: 1" = 1 Mile

JANUARY 2017



Texas Board of Professional Engineers Registration F-439
6330 West Loop South, Suite 150 • Bellaire, TX 77401 • 713.777.5337

SHEET No. **1** of 36

FM 1093 RIGHT TURN LANE FOR DR HORTON

JONES | CARTER 
BELLAIRE, TEXAS

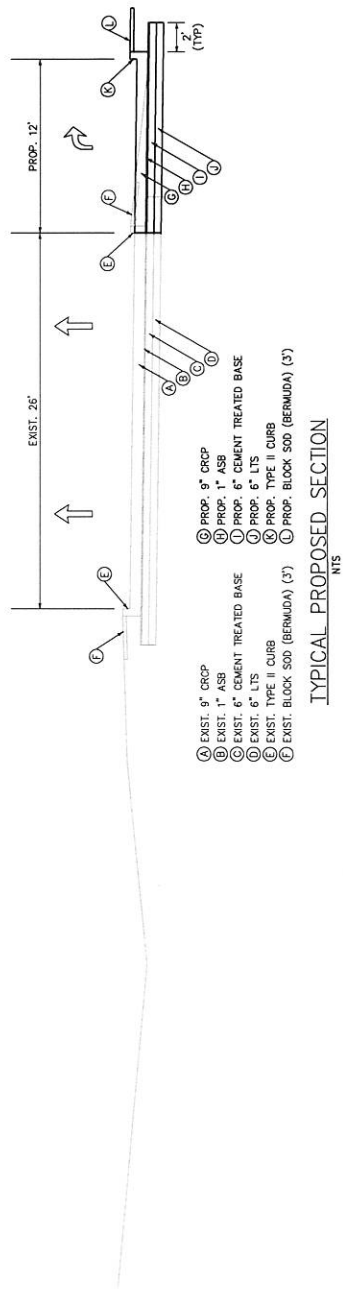
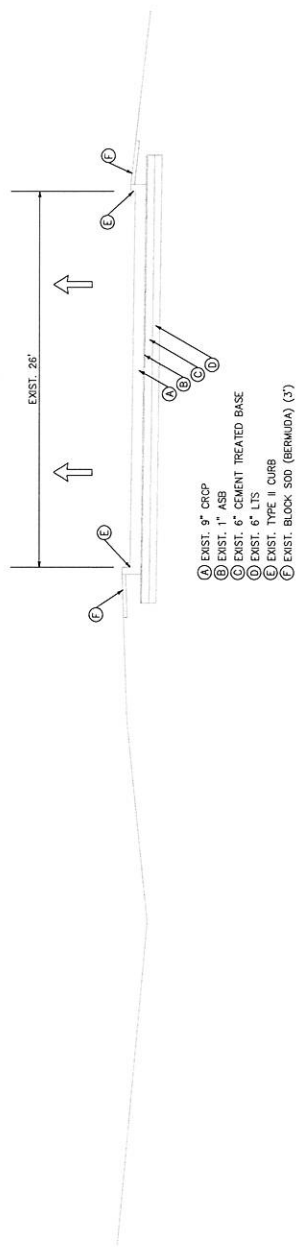
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JAN 17 2017
FBC ENGINEERING

DIG-TESS NOTIFICATION SYSTEM
CALL BEFORE YOU DIG!!!
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Texas811 or 1-800-DIG-TESS

Diego Leyva, P.E.
 STATE OF TEXAS 1/17/2019
 DIEGO A. LEYVA
 123078
 PROFESSIONAL ENGINEER
 LICENSED IN THE STATE OF TEXAS

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[illegible]

DR HORTON
FORT BEND COUNTY, TEXAS
RIGHT TURN LANE ON FM 1093 EBFR

RIGHT TURN LANE ON FM 1093 EBFR

TYPICAL
CROSS SECTIONS

	JONES CARTER Texas Board of Professional Engineers Regulation, 1439 4300 West Loop South, Suite 150 - Dallas, TX 75243-1773		SHEET NO. 2 OF 2	
	DATE: NTS SCALE: ANNUARY 2017 JOB NO: 14102-0000-00 SUBMITTED:	DGN. BY: DAL DMC NO: SCM SURV. BY: F.B. NO.:		

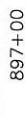
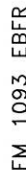
ELEVATIONS SHOWN HEREON ARE BASED ON HARRIS COUNTY FLOODPLAIN REFERENCE MARK RM No. 210450, ELEVATION=88.41, NAVD 88, 2001 ADJUSTMENT. MONUMENT IS A BRASS DISC LOCATED IN THE CENTER OF THE HEADWALL ON THE WEST SIDE OF HARLEM ROAD, APPROXIMATELY 0.5 MILE SOUTH FROM THE INTERSECTION OF HARLEM ROAD AND FM 1093.

(A) REF L PAV MRK TY 1 (Y) (4 IN) (SLD)
(B) REF L PAV MRK TY 1 (W) (8 IN) (SLD)
(C) REF L PAV MRK TY 1 (Y) (24 IN) (SLD)
(D) REF L PAV MRK TY 1 (W) (24 IN) (SLD)
(E) REF L PAV MRK TY 1 (W) (ARROW)
(F) REF L PAV MRK TY 1 (W) (WORD)
(G) REF L PAV MRK TY 1 C-R
(H) REF L PAV MRK TY 1 A-A

1. CONTRACTOR SHALL USE CARE TO MAKE AN OPENING IN THE WALL OF THE EXISTING INLET. THE OPENING SHALL NOT BE MORE THAN 3" NOR LESS THAN 1/2" GREATER IN DIAMETER THAN THE EXISTING INLET. THE PROPOSED PIPE OUTSIDE PROPOSED PIPE SHALL NOT PROTRUDE MORE THAN 3" PAST THE INSIDE FACE OF THE INLET WALL. FILL ENTIRE VOID AROUND THE PIPE WITH NON-SHRINK WATER PROOF GROUT. BACK FILL EXCAVATION AROUND EXISTING INLET WITH CEMENT STABILIZED SAND.

2. CONTRACTOR SHALL DOWEL INTO THE SIDE OF EXISTING PAVEMENT W/ #6 REBARS AT 24" C-C AS PER TxDOT STANDARD CRCP(1)-13.

3. CONTROL POINT SHALL BE INLET CENTER AT FACE OF CURB.

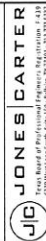
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DR HORTON
FORT BEND COUNTY, TEXAS

TURN LANE ON FM 1093 EBFR

PLAN & PROFILE
FM 1093 EBFR

FM 1093 EBFK
STA 893+00 TO 897+20



SCALE: 1"=40' H. 1"=4' V. DON. BY: DAL
DATE: JANUARY 2017 DWN. BY: REW
JOB NO. 14810-0000-00 DWG. NO.
SUBMITTED: SURV. BY:
F.B. NO.



SHEET NO. 3

- PROPOSED PAVING LEGEND
- (A) REF. PAV MKR TY I (Y) (4 IN) (SLD)
 - (B) REF. PAV MKR TY I (W) (8 IN) (SLD)
 - (C) REF. PAV MKR TY I (Y) (24 IN) (SLD)
 - (D) REF. PAV MKR TY I (W) (24 IN) (SLD)
 - (E) REF. PAV MKR TY I (W) (ARROW)
 - (F) REF. PAV MKR TY I (W) (WGRD)
 - (G) REF. PAV MKR TY I-C-R
 - (H) REF. PAV MKR TY II-A-A

NOTE

- CONTRACTOR SHALL USE CARE TO MAKE AN OPENING IN THE WALL OF THE EXISTING INLET. THE OPENING SHALL NOT BE MORE THAN 3" IN DIAMETER. THE DIAMETER OF THE PROPOSED PIPE SHALL NOT PROTRUDE MORE THAN 3" PAST THE EXISTING INLET. THE INLET SHALL BE NON-SHRINK WATER PROOF GROUT. BACK FILL EXCAVATION AROUND EXISTING INLET WITH CEMENT STABILIZED SAND.
- CONTRACTOR SHALL DOWEL INTO THE SIDE OF EXISTING PAVEMENT W/ #8 REBARS AT 24" ON CENTER PER TxDOT STANDARD GROUP(1)-13.
- CONTROL POINT SHALL BE INLET CENTER AT FACE OF CURB.



NO.	DATE	REVISIONS	APP.

DR. HORTON
FORT BEND COUNTY, TEXAS

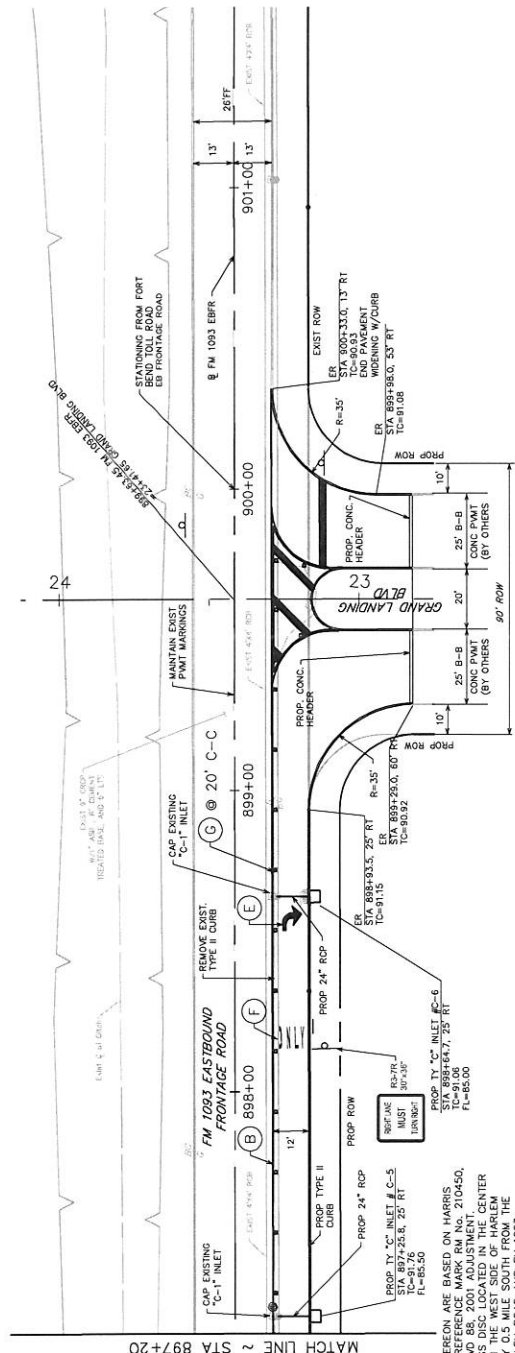
RIGHT TURN LANE ON FM 1093 EBFR
PLAN & PROFILE
FM 1093 EBFR
STA 897+20 TO 901+60



SCALE: HORIZ. 1" = 40' V. 1" = 10'
DATE: JANUARY 2022
SUBMITTED: 1/25/2022
F.B. NO.



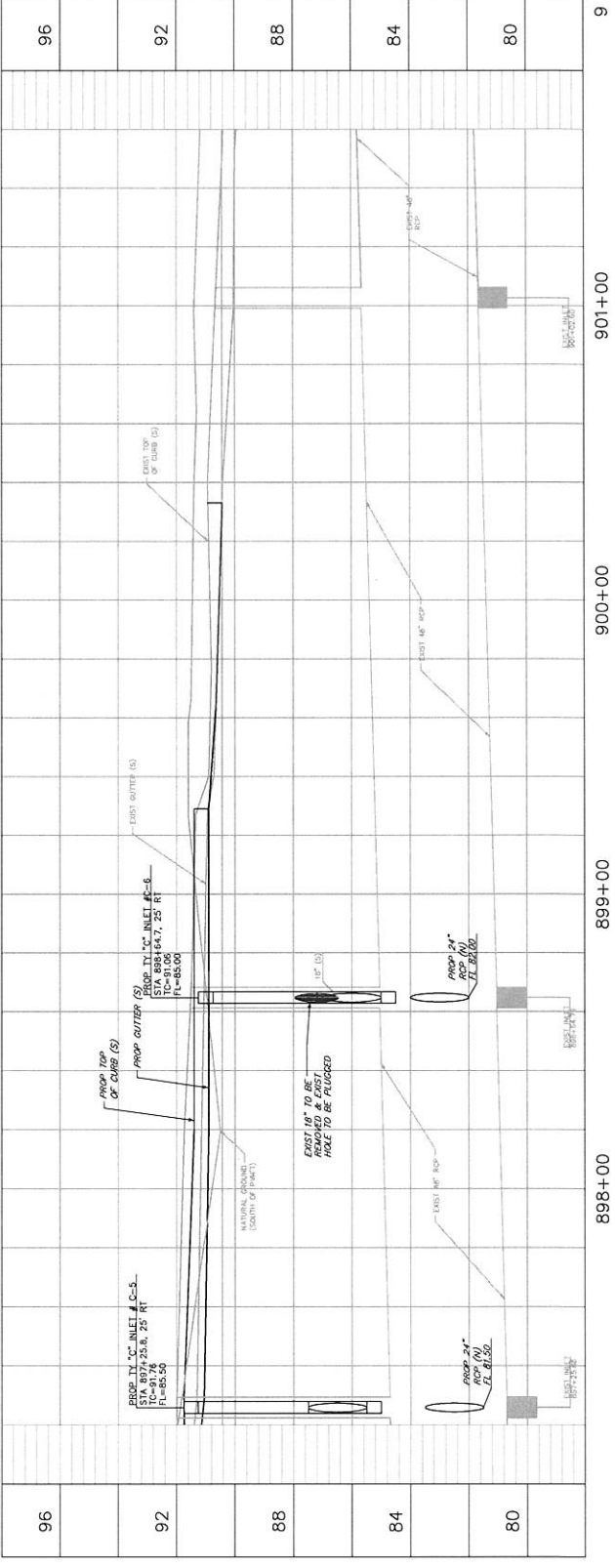
SHEET NO.
4
OF 36



BENCHMARK

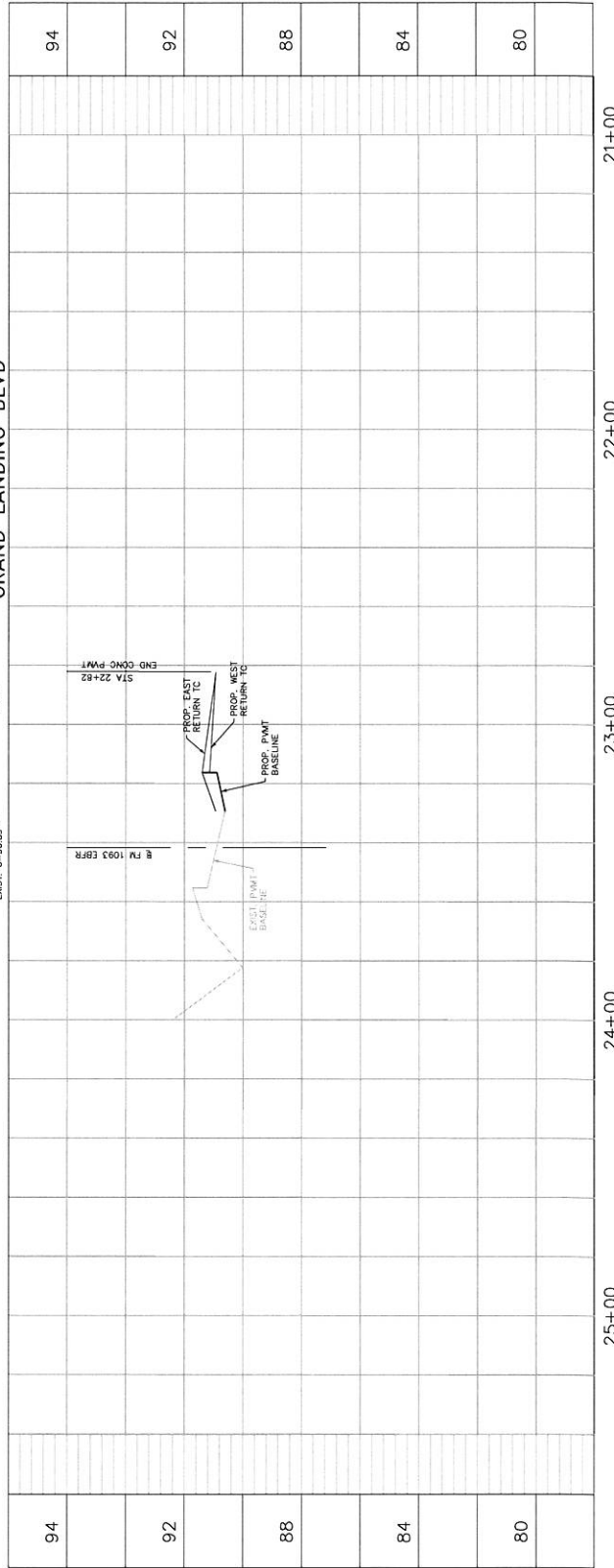
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FM 1093 EBFR



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1. CONTRACTOR SHALL USE CARE TO MAKE AN OPENING IN THE WALL OF THE EXISTING INLET. THE OPENING SHALL NOT BE MORE THAN 3" OR LESS THAN 1" GREATER IN DIAMETER THAN THE EXISTING INLET. THE PROPOSED PIPE THE PROPOSED PIPE SHALL NOT PROTRUDE MORE THAN 3" PAST THE INSIDE FACE OF THE INLET WALL. FILL ENTIRE Voids AROUND THE PIPE WITH BACK FILL. EXCAVATION AROUND EXISTING INLET WITH CEMENT STABILIZED SAND.
2. CONTRACTOR SHALL DOWEL INTO THE SIDE OF EXISTING PAVEMENT W/ #6 REBARS AT 24" C-C AS PER TxDOT STANDARD CRCP(1)-13.
3. CONTROL POINT SHALL BE INLET CENTER AT FACE OF CURB.

[illegible][illegible]

DR HORTON
FORT BEND COUNTY, TEXAS

RIGHT TURN LANE ON FM 1093 EBFR
PLAN & PROFILE
GRAND LANDING BLVD
STA 22+82 TO 24+00



SCALE: 1"=40' H. 1"=4' V. DON. BY: DA. DATE: JANUARY 2017 DWN. BY: REW. JOB NO. 14510-0005-00 DWG. NO. SUBMITTED: SURV. BY: C. NO.



SHEET NO.
5