

REVIEW BY FORT BEND COUNTY COMMISSIONERS COURT

On this 23rd day of February, 2016, Commissioners Court came on to be heard and reviewed the accompanying notice of Brown & Gay Engineers / LaGrone Services, Ltd Job Location 9806 Gaston Rd, Katy, TX 77494 Date 2/5/2016 Bond No. 106196977, Permit No. 2016-5406 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 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 _____, seconded by Commissioner _____, 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.

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 inspectionMail 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:

C. Mundy, P.E. ASCE
County Engineer

Presented to Commissioners Court and approved.
Recorded in Volume

By:

N/A

Drainage District Engineer/Manager

Clerk of Commissioners Court

By:

Deputy

County of Fort Bend
Engineering Department

301 Jackson Street
Richmond, Texas 77469

Johnny Ortega
Permit Administrator

Phone: (281) 633-7500

**Permit Application Review Form For
Cable, Conduit, and Pole Line Activity
In Fort Bend County**

Permit No. 2016-5406

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:

District Attorney, approval when applicable.

Perpetual bond currently posted.

No: _____

Amount: _____

Performance bond submitted.

No: 106196977

Amount: \$50,000.00

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

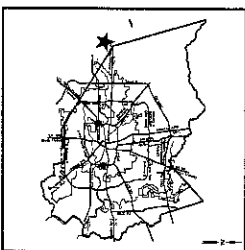


Date

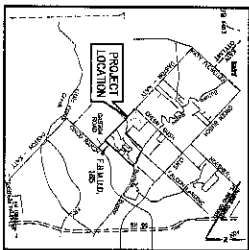
FORT BEND COUNTY M.U.D. No. 185
CITY OF HOUSTON E.T.J.

GASTON FALCON LANDING RETAIL - PHASE 1 KROGER SW121

CONSTRUCTION PLANS FOR
PRIVATE WATER LINE, SANITARY SEWER,
STORM SEWER SYSTEMS AND STREET PAVING



LOCATION MAP



VICINITY MAP
N.T.S.
KEY MAP 184-4
ZIP CODE 77449

THE CONTRACTOR SHALL NOTIFY THE DISTRICT ENGINEER (MICHAEL J. AMUND, AT (281-751-4827) AND THE DISTRICT ENGINEER JACK BAILEY, P.E., BROWN COUNTY, MISSOURI, (281-751-4827) OF ANY DISCREPANCIES OR CONFLICTS IN THE DISTRICT ENGINEER'S REQUIREMENTS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DISCREPANCIES OR CONFLICTS IN THE DISTRICT ENGINEER'S REQUIREMENTS.

DECEMBER 2015

SHEET INDEX

NO.	DESCRIPTION
010	COVER SHEET
020	GENERAL NOTES
030	EXISTING CONDITIONS (GENERAL PLAN)
040	PROPOSED WATER LINE PLAN
050	PROPOSED SANITARY SEWER PLAN
060	PROPOSED STORM SEWER PLAN
070	PROPOSED STREET PAVING PLAN
080	PROPOSED UTILITY PLAN
090	PROPOSED EROSION CONTROL PLAN
100	PROPOSED LANDSCAPE PLAN
110	PROPOSED SIGNAGE PLAN
120	PROPOSED LIGHTING PLAN
130	PROPOSED FLOOD CONTROL PLAN
140	PROPOSED TRAFFIC CONTROL PLAN
150	PROPOSED UTILITIES PLAN
160	PROPOSED EROSION CONTROL PLAN
170	PROPOSED LANDSCAPE PLAN
180	PROPOSED SIGNAGE PLAN
190	PROPOSED LIGHTING PLAN
200	PROPOSED FLOOD CONTROL PLAN
210	PROPOSED TRAFFIC CONTROL PLAN
220	PROPOSED UTILITIES PLAN
230	PROPOSED EROSION CONTROL PLAN
240	PROPOSED LANDSCAPE PLAN
250	PROPOSED SIGNAGE PLAN
260	PROPOSED LIGHTING PLAN
270	PROPOSED FLOOD CONTROL PLAN
280	PROPOSED TRAFFIC CONTROL PLAN
290	PROPOSED UTILITIES PLAN
300	PROPOSED EROSION CONTROL PLAN
310	PROPOSED LANDSCAPE PLAN
320	PROPOSED SIGNAGE PLAN
330	PROPOSED LIGHTING PLAN
340	PROPOSED FLOOD CONTROL PLAN
350	PROPOSED TRAFFIC CONTROL PLAN
360	PROPOSED UTILITIES PLAN
370	PROPOSED EROSION CONTROL PLAN
380	PROPOSED LANDSCAPE PLAN
390	PROPOSED SIGNAGE PLAN
400	PROPOSED LIGHTING PLAN
410	PROPOSED FLOOD CONTROL PLAN
420	PROPOSED TRAFFIC CONTROL PLAN
430	PROPOSED UTILITIES PLAN
440	PROPOSED EROSION CONTROL PLAN
450	PROPOSED LANDSCAPE PLAN
460	PROPOSED SIGNAGE PLAN
470	PROPOSED LIGHTING PLAN
480	PROPOSED FLOOD CONTROL PLAN
490	PROPOSED TRAFFIC CONTROL PLAN
500	PROPOSED UTILITIES PLAN



Brown & Gay Engineers, Inc.
10777 Westheimer, Suite 400, Houston, TX 77042
Tel: 281-558-8700 • www.browngay.com
TBP# Registration No. F-1048

Copyright 2015

UTILITY CONTRACT INFO:
CONTRACT NO. 185-1114
PROJECT NO. 185-1114
OWNER: FORT BEND COUNTY
DESIGNED BY: BROWN & GAY ENGINEERS, INC.
CHECKED BY: MICHAEL J. AMUND
DATE: 12/15/15

ESCALATION:
THE CONTRACTOR SHALL NOTIFY THE DISTRICT ENGINEER (MICHAEL J. AMUND, AT (281-751-4827) AND THE DISTRICT ENGINEER JACK BAILEY, P.E., BROWN COUNTY, MISSOURI, (281-751-4827) OF ANY DISCREPANCIES OR CONFLICTS IN THE DISTRICT ENGINEER'S REQUIREMENTS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DISCREPANCIES OR CONFLICTS IN THE DISTRICT ENGINEER'S REQUIREMENTS.

FORT BEND COUNTY ENGINEER
ENGINEER: *Richard W. Stollers*
DATE: 12/15/15
THESE SIGNATURES ARE VOID IF CONSTRUCTION HAS NOT COMMENCED IN (1) YEAR FROM DATE OF APPROVAL.

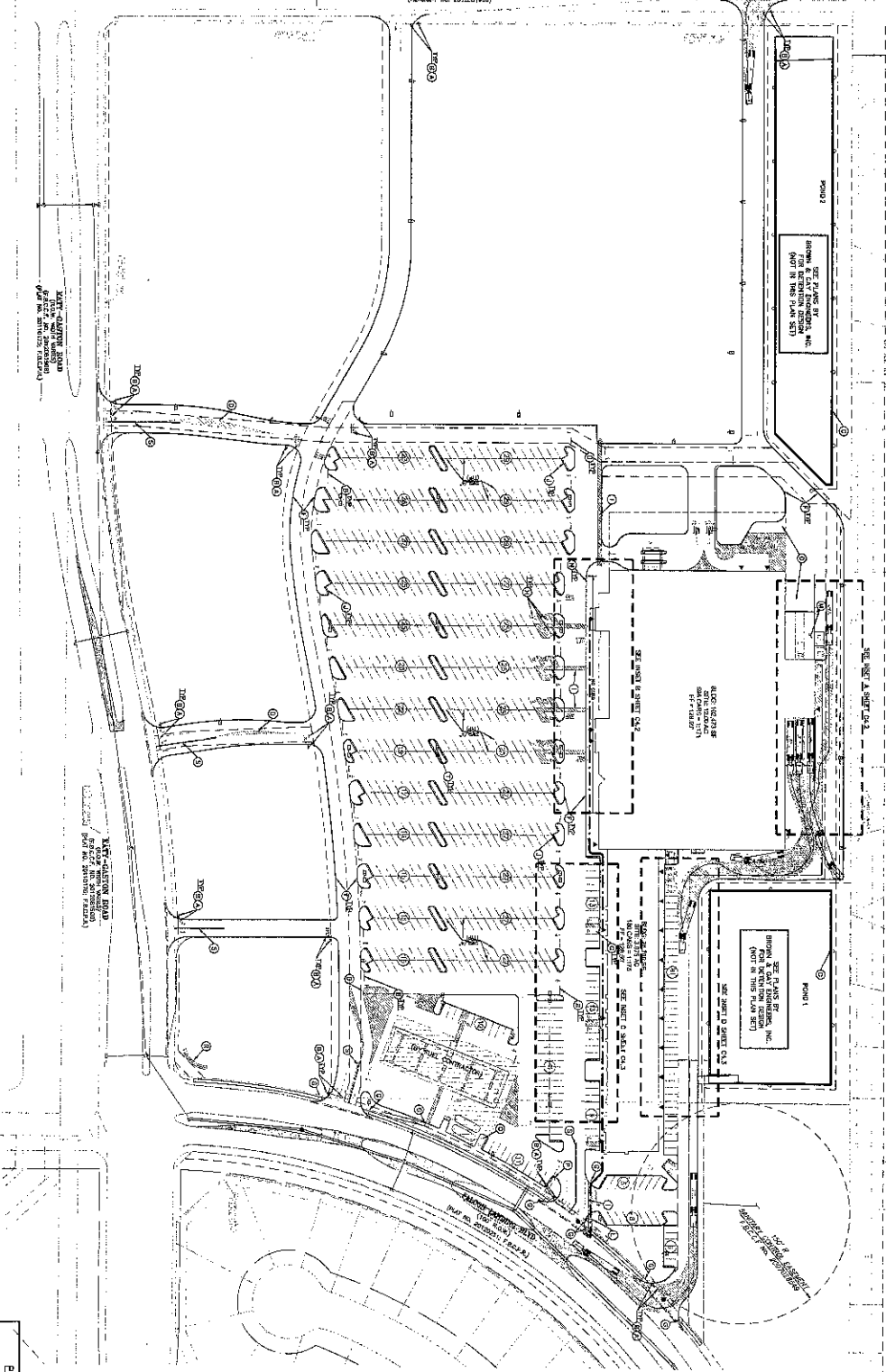
ONE-COPY NOTATION SHALL BE SUBMITTED TO THE DISTRICT ENGINEER (MICHAEL J. AMUND) AT (281-751-4827) AND THE DISTRICT ENGINEER JACK BAILEY, P.E., BROWN COUNTY, MISSOURI, (281-751-4827) OF ANY DISCREPANCIES OR CONFLICTS IN THE DISTRICT ENGINEER'S REQUIREMENTS.

DATE: 12/15/15
APPROVED: *Richard W. Stollers*
Development Coordinator

ECF logo

DATE: 12/15/15
SHEET 1.0 OF 23

OBENBUSH ROAD
 (SEE SHEET 107 & 108)
 (PROJECT NO. 15-000007)
 (DATE: 01.15.2015)



LEGEND

ADJUSTED POINT - ADJUSTED POINT

- REPEATED NOTES**
1. 1" = 10' SCALE, SEE SHEET 107 & 108.
 2. 1" = 10' SCALE, SEE SHEET 107 & 108.
 3. 1" = 10' SCALE, SEE SHEET 107 & 108.
 4. 1" = 10' SCALE, SEE SHEET 107 & 108.
 5. 1" = 10' SCALE, SEE SHEET 107 & 108.
 6. 1" = 10' SCALE, SEE SHEET 107 & 108.
 7. 1" = 10' SCALE, SEE SHEET 107 & 108.
 8. 1" = 10' SCALE, SEE SHEET 107 & 108.
 9. 1" = 10' SCALE, SEE SHEET 107 & 108.
 10. 1" = 10' SCALE, SEE SHEET 107 & 108.
 11. 1" = 10' SCALE, SEE SHEET 107 & 108.
 12. 1" = 10' SCALE, SEE SHEET 107 & 108.
 13. 1" = 10' SCALE, SEE SHEET 107 & 108.
 14. 1" = 10' SCALE, SEE SHEET 107 & 108.
 15. 1" = 10' SCALE, SEE SHEET 107 & 108.
 16. 1" = 10' SCALE, SEE SHEET 107 & 108.
 17. 1" = 10' SCALE, SEE SHEET 107 & 108.
 18. 1" = 10' SCALE, SEE SHEET 107 & 108.
 19. 1" = 10' SCALE, SEE SHEET 107 & 108.
 20. 1" = 10' SCALE, SEE SHEET 107 & 108.

PARKING

TOTAL PARKING SPOTS	524
HANDICAPPED SPOTS	18
BIKE SPOTS	17

APPROVALS

DATE: 1/15/15

DESIGNER: [Signature]

OWNER: [Signature]

PORT BEND COUNTY MAIL 185

GASTON FALCON LANDING REILM KROEGER SW121

OVERALL SITE PLAN

BCE

Professional Engineer Seal

NOTES

1. ALL DIMENSIONS ARE IN FEET AND INCHES.

2. ALL DIMENSIONS ARE TO FACE UNLESS NOTED OTHERWISE.

3. ALL DIMENSIONS ARE TO FACE UNLESS NOTED OTHERWISE.

4. ALL DIMENSIONS ARE TO FACE UNLESS NOTED OTHERWISE.

5. ALL DIMENSIONS ARE TO FACE UNLESS NOTED OTHERWISE.

6. ALL DIMENSIONS ARE TO FACE UNLESS NOTED OTHERWISE.

7. ALL DIMENSIONS ARE TO FACE UNLESS NOTED OTHERWISE.

8. ALL DIMENSIONS ARE TO FACE UNLESS NOTED OTHERWISE.

9. ALL DIMENSIONS ARE TO FACE UNLESS NOTED OTHERWISE.

10. ALL DIMENSIONS ARE TO FACE UNLESS NOTED OTHERWISE.

11. ALL DIMENSIONS ARE TO FACE UNLESS NOTED OTHERWISE.

12. ALL DIMENSIONS ARE TO FACE UNLESS NOTED OTHERWISE.

13. ALL DIMENSIONS ARE TO FACE UNLESS NOTED OTHERWISE.

14. ALL DIMENSIONS ARE TO FACE UNLESS NOTED OTHERWISE.

15. ALL DIMENSIONS ARE TO FACE UNLESS NOTED OTHERWISE.

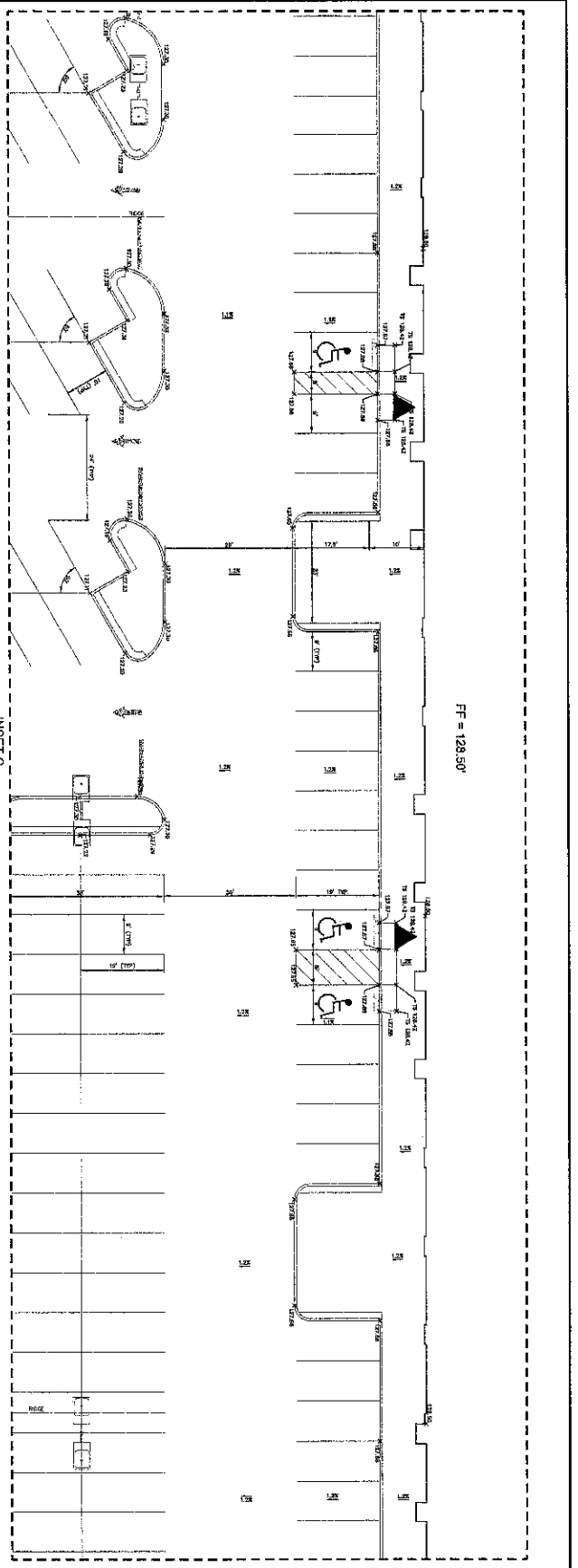
16. ALL DIMENSIONS ARE TO FACE UNLESS NOTED OTHERWISE.

17. ALL DIMENSIONS ARE TO FACE UNLESS NOTED OTHERWISE.

18. ALL DIMENSIONS ARE TO FACE UNLESS NOTED OTHERWISE.

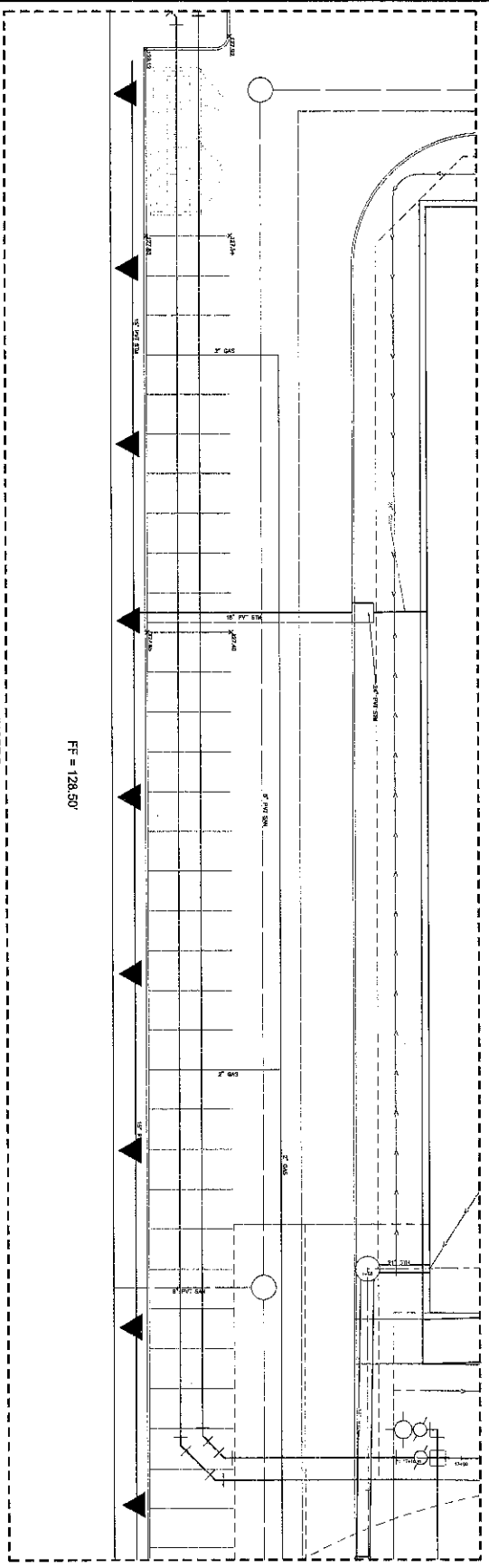
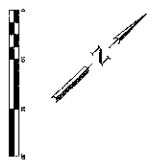
19. ALL DIMENSIONS ARE TO FACE UNLESS NOTED OTHERWISE.

20. ALL DIMENSIONS ARE TO FACE UNLESS NOTED OTHERWISE.



FF = 128.50'

INSET C



FF = 128.50'

INSET D

CONTRACT INFORMATION
 OWNER: GASTON FALCON
 PROJECT: GASTON FALCON
 DATE: 11/11/11

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

GASTON FALCON
 LANDING RETAIL
 KROGER SW121



BCF
 BUCKLE UP CONSULTANTS
 ARCHITECTS

SITE BUILDING
 INTERFACE PLAN 2

FOR FORT BEND COUNTY M.D. 185

DATE: 11/11/11

SCALE: 1/8" = 1'-0"

PROJECT: GASTON FALCON

DATE: 11/11/11

SCALE: 1/8" = 1'-0"

PROJECT: GASTON FALCON

DATE: 11/11/11

SCALE: 1/8" = 1'-0"

PROJECT: GASTON FALCON

DATE: 11/11/11

SCALE: 1/8" = 1'-0"

PROJECT: GASTON FALCON

DATE: 11/11/11

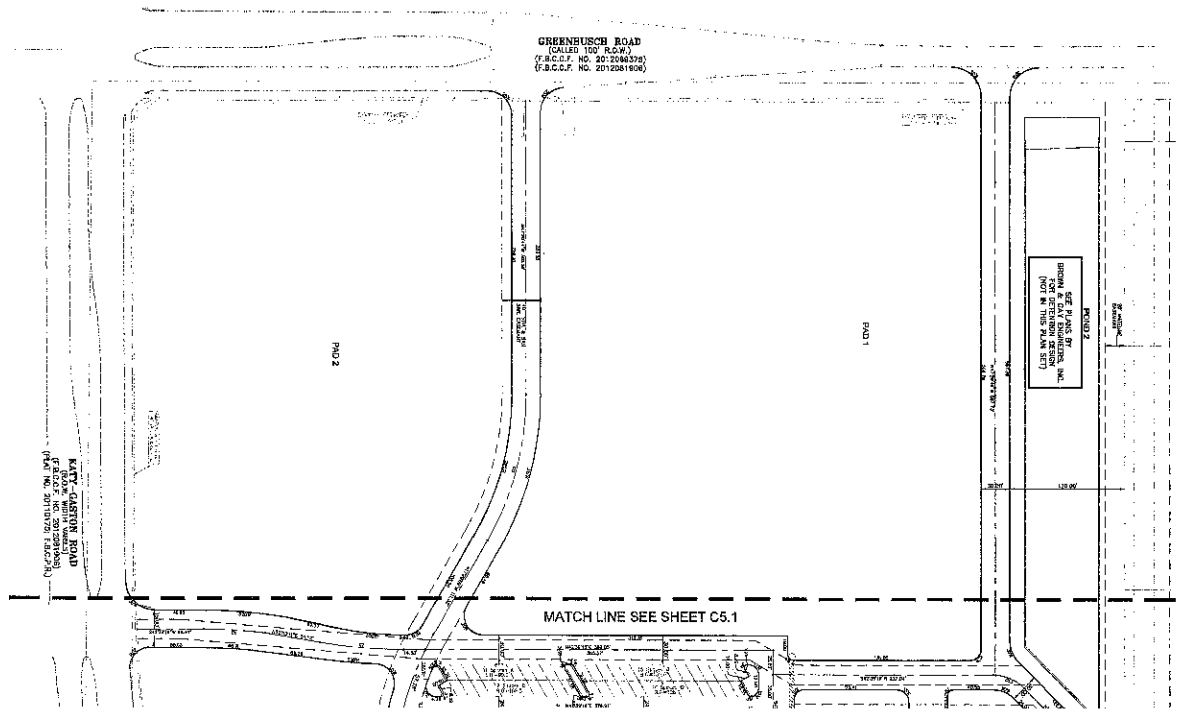
SCALE: 1/8" = 1'-0"

PROJECT: GASTON FALCON

DATE: 11/11/11

SCALE: 1/8" = 1'-0"

PROJECT: GASTON FALCON



NO.	DATE	DESCRIPTION
1	10/15/14	ISSUED FOR PERMIT
2	10/15/14	ISSUED FOR PERMIT

NOTICE: THIS PLAN IS A PRELIMINARY PLAN AND IS NOT TO BE USED FOR CONSTRUCTION. THE OWNER SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES. THE OWNER SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES. THE OWNER SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES.

NO.	DATE	DESCRIPTION
1	10/15/14	ISSUED FOR PERMIT
2	10/15/14	ISSUED FOR PERMIT

ONE-CALL NOTIFICATION SYSTEM
CALL BEFORE YOU DIG!!
800-4-A-SAFE-DIG
1-800-4-A-SAFE-DIG

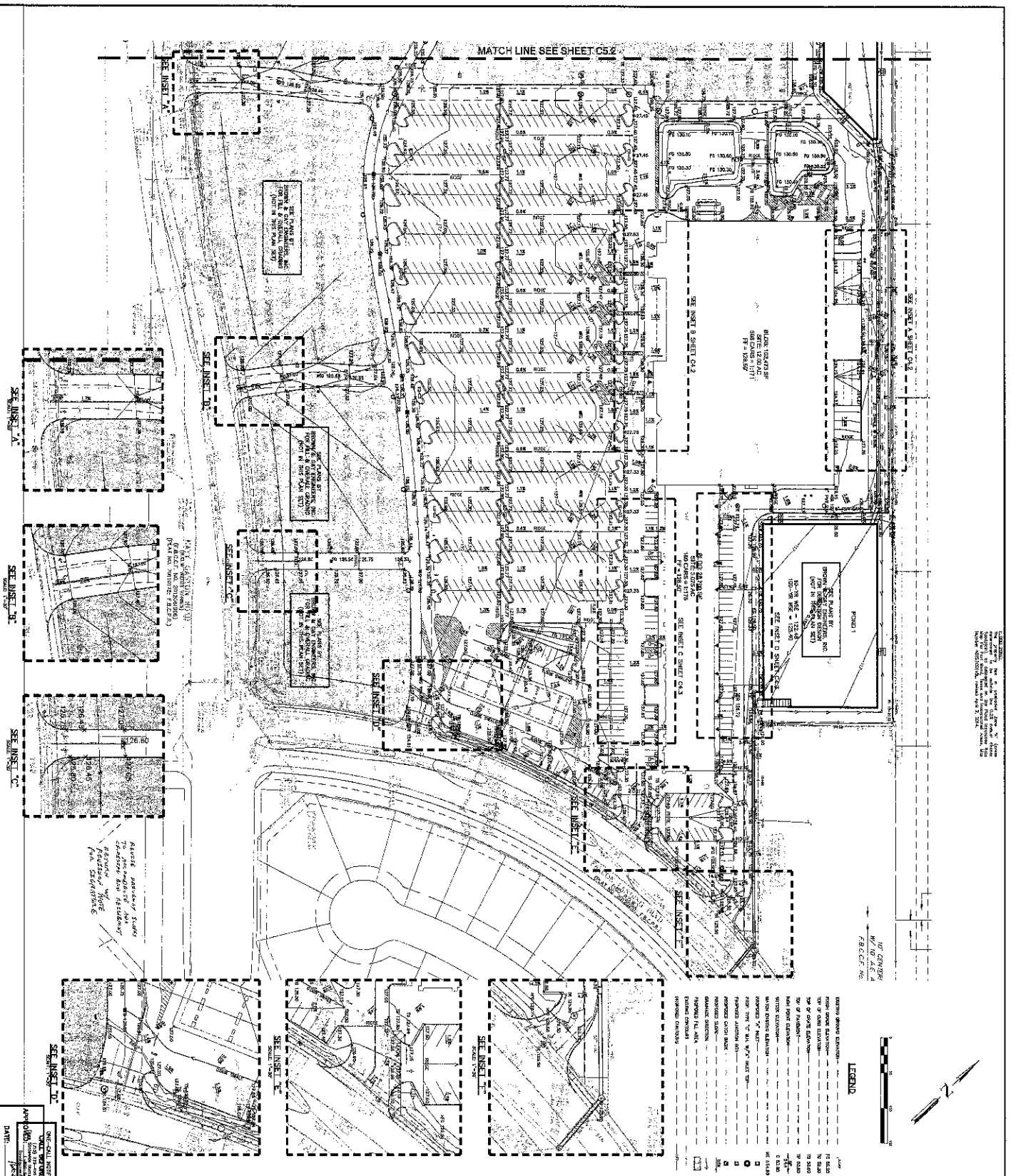
APPROVED: [Signature]
DATE: 10/15/14

DIMENSION CONTROL
PLAN 2

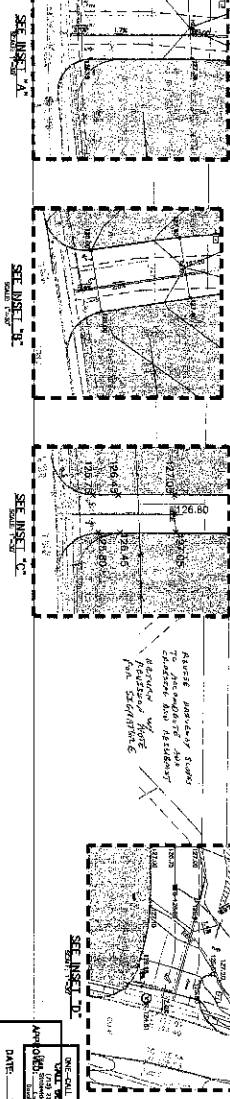


FORT BEND COUNTY M.U.D. 185
GASTON FALCON
LANDING RETAIL
KROGER SW121

MATCH LINE SEE SHEET CS2



PROPOSED CONSTRUCTION
EXISTING CONDITIONS
MATCH LINE SEE SHEET CS2



SEE INSET A
SEE INSET B
SEE INSET C
SEE INSET D

DATE: 11/11/11
PROJECT: GASTON FALCON LANDING RETAIL KROGER SW121
SCALE: AS SHOWN
SHEET: GRADING PLAN 1

BCE
BCE ENGINEERING & ARCHITECTURE
1100 W. 10TH AVENUE, SUITE 200
DENVER, CO 80202
TEL: 303.733.1100
WWW.BCEENGINEERING.COM

PROFESSIONAL SEAL
REGISTERED PROFESSIONAL ENGINEER
STATE OF COLORADO
NO. 12345
EXPIRES 12/31/2012

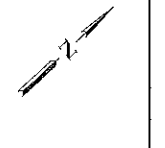
GENERAL NOTES
1. THE GRADING PLAN IS TO BE USED IN CONJUNCTION WITH THE SITE PLAN AND THE CIVIL ENGINEERING PLAN.
2. THE GRADING PLAN IS TO BE USED IN CONJUNCTION WITH THE SITE PLAN AND THE CIVIL ENGINEERING PLAN.
3. THE GRADING PLAN IS TO BE USED IN CONJUNCTION WITH THE SITE PLAN AND THE CIVIL ENGINEERING PLAN.

PROPOSED CONSTRUCTION NOTES
1. ALL PROPOSED CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CITY OF DENVER GRADING ORDINANCE.
2. ALL PROPOSED CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CITY OF DENVER GRADING ORDINANCE.
3. ALL PROPOSED CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CITY OF DENVER GRADING ORDINANCE.

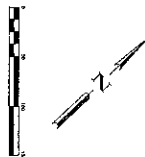
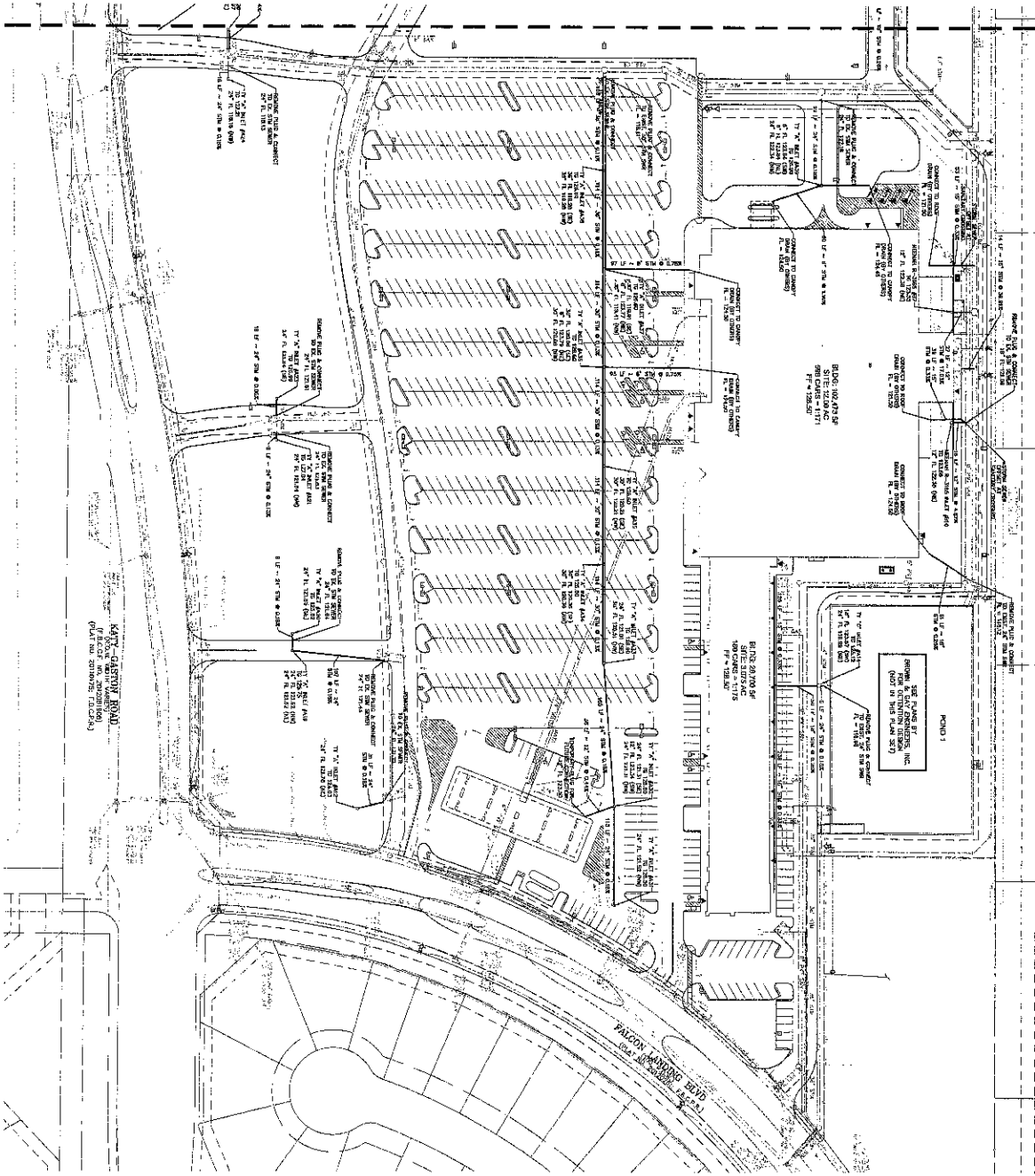
EXISTING CONDITIONS NOTES
1. ALL EXISTING CONDITIONS SHALL BE AS SHOWN ON THE SITE PLAN AND THE CIVIL ENGINEERING PLAN.
2. ALL EXISTING CONDITIONS SHALL BE AS SHOWN ON THE SITE PLAN AND THE CIVIL ENGINEERING PLAN.
3. ALL EXISTING CONDITIONS SHALL BE AS SHOWN ON THE SITE PLAN AND THE CIVIL ENGINEERING PLAN.

GENERAL GRADING NOTES
1. THE GRADING PLAN IS TO BE USED IN CONJUNCTION WITH THE SITE PLAN AND THE CIVIL ENGINEERING PLAN.
2. THE GRADING PLAN IS TO BE USED IN CONJUNCTION WITH THE SITE PLAN AND THE CIVIL ENGINEERING PLAN.
3. THE GRADING PLAN IS TO BE USED IN CONJUNCTION WITH THE SITE PLAN AND THE CIVIL ENGINEERING PLAN.

LEGEND
PROPOSED CONSTRUCTION
EXISTING CONDITIONS
MATCH LINE SEE SHEET CS2



MATCH LINE SEE SHEET C8.2



LEGEND

- 18" DIA. STORM MAIN
- 12" DIA. STORM MAIN
- 8" DIA. STORM MAIN
- 6" DIA. STORM MAIN
- 4" DIA. STORM MAIN
- 3" DIA. STORM MAIN
- 2" DIA. STORM MAIN
- 1.5" DIA. STORM MAIN
- 1" DIA. STORM MAIN
- 0.75" DIA. STORM MAIN
- 0.5" DIA. STORM MAIN
- 0.375" DIA. STORM MAIN
- 0.25" DIA. STORM MAIN
- 0.1875" DIA. STORM MAIN
- 0.125" DIA. STORM MAIN
- 0.09375" DIA. STORM MAIN
- 0.0625" DIA. STORM MAIN
- 0.046875" DIA. STORM MAIN
- 0.03125" DIA. STORM MAIN
- 0.0234375" DIA. STORM MAIN
- 0.015625" DIA. STORM MAIN
- 0.01171875" DIA. STORM MAIN
- 0.0078125" DIA. STORM MAIN
- 0.005859375" DIA. STORM MAIN
- 0.004396875" DIA. STORM MAIN
- 0.003297625" DIA. STORM MAIN
- 0.002472875" DIA. STORM MAIN
- 0.0018546875" DIA. STORM MAIN
- 0.001391015625" DIA. STORM MAIN
- 0.001043271458" DIA. STORM MAIN
- 0.000782453543" DIA. STORM MAIN
- 0.000586840156" DIA. STORM MAIN
- 0.000440130117" DIA. STORM MAIN
- 0.000330097588" DIA. STORM MAIN
- 0.000247573191" DIA. STORM MAIN
- 0.000185680143" DIA. STORM MAIN
- 0.000139260107" DIA. STORM MAIN
- 0.00010444508" DIA. STORM MAIN
- 0.00007833381" DIA. STORM MAIN
- 0.000058750357" DIA. STORM MAIN
- 0.000044062768" DIA. STORM MAIN
- 0.000033047076" DIA. STORM MAIN
- 0.000024785307" DIA. STORM MAIN
- 0.00001858901" DIA. STORM MAIN
- 0.000013941757" DIA. STORM MAIN
- 0.000010456318" DIA. STORM MAIN
- 0.000007842238" DIA. STORM MAIN
- 0.000005881678" DIA. STORM MAIN
- 0.000004411259" DIA. STORM MAIN
- 0.000003308444" DIA. STORM MAIN
- 0.000002481333" DIA. STORM MAIN
- 0.000001860999" DIA. STORM MAIN
- 0.000001395749" DIA. STORM MAIN
- 0.000001046812" DIA. STORM MAIN
- 0.000000785109" DIA. STORM MAIN
- 0.000000588817" DIA. STORM MAIN
- 0.000000441913" DIA. STORM MAIN
- 0.000000331434" DIA. STORM MAIN
- 0.000000248576" DIA. STORM MAIN
- 0.000000186432" DIA. STORM MAIN
- 0.000000139824" DIA. STORM MAIN
- 0.000000104868" DIA. STORM MAIN
- 0.000000078651" DIA. STORM MAIN
- 0.000000058988" DIA. STORM MAIN
- 0.000000044241" DIA. STORM MAIN
- 0.000000033180" DIA. STORM MAIN
- 0.000000024888" DIA. STORM MAIN
- 0.000000018666" DIA. STORM MAIN
- 0.000000013999" DIA. STORM MAIN
- 0.000000010495" DIA. STORM MAIN
- 0.000000007871" DIA. STORM MAIN
- 0.000000005903" DIA. STORM MAIN
- 0.000000004430" DIA. STORM MAIN
- 0.000000003322" DIA. STORM MAIN
- 0.000000002491" DIA. STORM MAIN
- 0.000000001868" DIA. STORM MAIN
- 0.000000001401" DIA. STORM MAIN
- 0.000000001050" DIA. STORM MAIN
- 0.000000000788" DIA. STORM MAIN
- 0.000000000591" DIA. STORM MAIN
- 0.000000000444" DIA. STORM MAIN
- 0.000000000333" DIA. STORM MAIN
- 0.000000000249" DIA. STORM MAIN
- 0.000000000187" DIA. STORM MAIN
- 0.000000000140" DIA. STORM MAIN
- 0.000000000105" DIA. STORM MAIN
- 0.000000000079" DIA. STORM MAIN
- 0.000000000059" DIA. STORM MAIN
- 0.000000000044" DIA. STORM MAIN
- 0.000000000033" DIA. STORM MAIN
- 0.000000000025" DIA. STORM MAIN
- 0.000000000019" DIA. STORM MAIN
- 0.000000000014" DIA. STORM MAIN
- 0.000000000010" DIA. STORM MAIN
- 0.000000000008" DIA. STORM MAIN
- 0.000000000006" DIA. STORM MAIN
- 0.000000000004" DIA. STORM MAIN
- 0.000000000003" DIA. STORM MAIN
- 0.000000000002" DIA. STORM MAIN
- 0.000000000001" DIA. STORM MAIN

APPROVED: [Signature]
DATE: 11/11

ENGINEER: [Signature]
CALL BEFORE YOU DIG!
1-800-4-A-DIG

BCF
BENTON COUNTY ENGINEERING, INC.
FORT BEND COUNTY M.I.D. 185
GASTON FALCON
LANDING RETAIL
KROGER SWITZ
DRAINAGE
PLAN 1

NO.	DATE	DESCRIPTION
1	11/11	ISSUED FOR PERMIT
2	11/11	ISSUED FOR PERMIT
3	11/11	ISSUED FOR PERMIT
4	11/11	ISSUED FOR PERMIT
5	11/11	ISSUED FOR PERMIT
6	11/11	ISSUED FOR PERMIT
7	11/11	ISSUED FOR PERMIT
8	11/11	ISSUED FOR PERMIT
9	11/11	ISSUED FOR PERMIT
10	11/11	ISSUED FOR PERMIT

DESIGNED BY: [Name]
CHECKED BY: [Name]
DATE: 11/11



Fort Bend County - Storm Sewer Calculation Form

Project Name: ...
Address: ...
City: ...
State: ...
Date: ...

1-10-11
48.42
48.42
192.48

Table with multiple columns: User, Area, Length, Slope, Manning, etc. It contains detailed storm sewer calculation data for various pipe segments.

Table with multiple columns: User, Area, Length, Slope, Manning, etc. It contains detailed storm sewer calculation data for various pipe segments.

APPROVED:
DATE: 1/11/11

DRAINAGE AREA MAP CALCULATIONS
2-11

GASTON FALCON LANDING RETAIL KROGER SW121

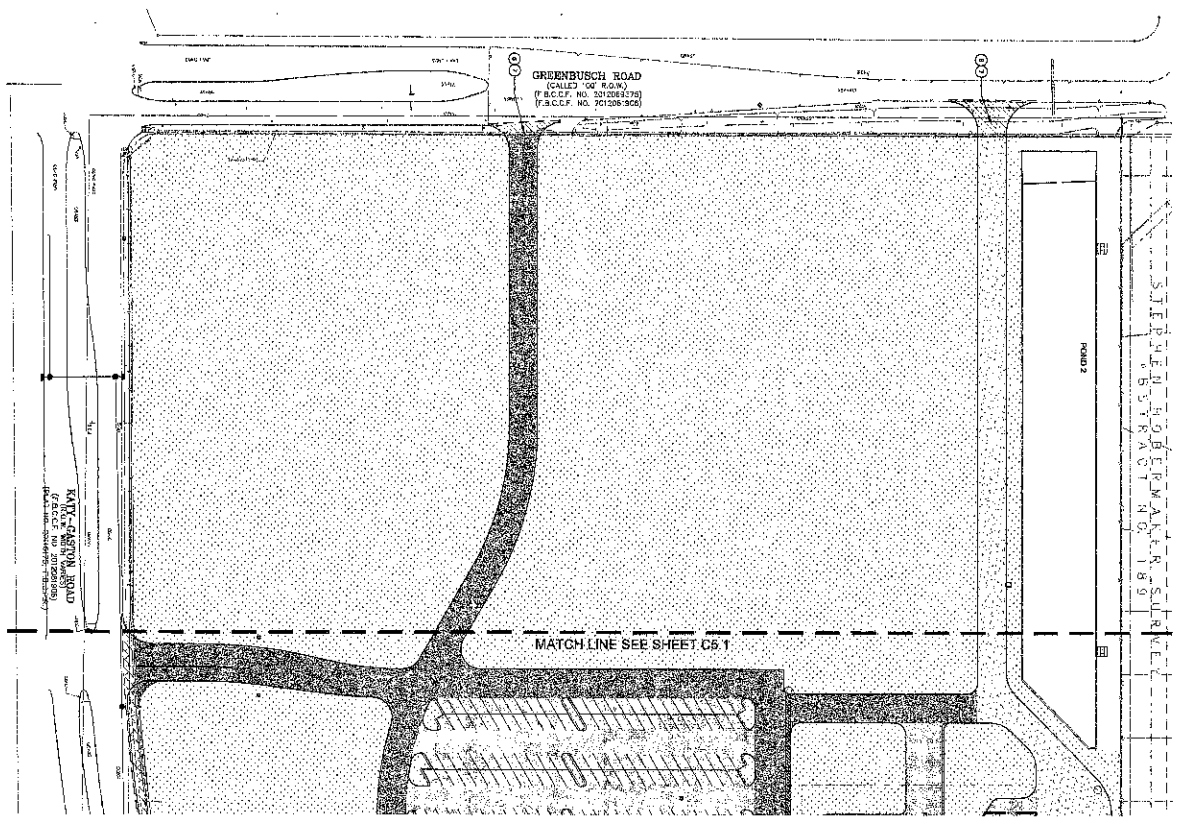
FORT BEND COUNTY M.U.D. 185



Professional Engineer information

Professional Engineer information

Professional Engineer information



GREENBUSH ROAD
(CALLED "OO R.O.W.")
(T.B.C.F. NO. 20206473)
(F.A.C.C.F. NO. 20206473)

STEPHENSBOROUGH STATION LANE

KIVY-LARSON ROAD
(CALLED "OO R.O.W.")
(T.B.C.F. NO. 20206473)
(F.A.C.C.F. NO. 20206473)

MATCH LINE SEE SHEET C6 1



NOTES:

1. FOR INFORMATION, PURPOSES, CONSTRUCTION SHALL CONSULT THE ORIGINAL RECORD DRAWING FOR THE EXISTING PAVING AND UTILITIES.
2. THE PAVING SHALL BE AS SHOWN UNLESS OTHERWISE NOTED.
3. CONCRETE SHALL BE PERFORMED IN ACCORDANCE WITH THE LATEST EDITION OF THE CONCRETE MANUAL.
4. ALL CONCRETE SHALL BE FINISHED TO A FINISH GRADE OF 1.00' ABOVE FINISH GRADE UNLESS OTHERWISE NOTED.
5. ALL CONCRETE SHALL BE FINISHED TO A FINISH GRADE OF 1.00' ABOVE FINISH GRADE UNLESS OTHERWISE NOTED.
6. ALL CONCRETE SHALL BE FINISHED TO A FINISH GRADE OF 1.00' ABOVE FINISH GRADE UNLESS OTHERWISE NOTED.
7. ALL CONCRETE SHALL BE FINISHED TO A FINISH GRADE OF 1.00' ABOVE FINISH GRADE UNLESS OTHERWISE NOTED.
8. ALL CONCRETE SHALL BE FINISHED TO A FINISH GRADE OF 1.00' ABOVE FINISH GRADE UNLESS OTHERWISE NOTED.
9. ALL CONCRETE SHALL BE FINISHED TO A FINISH GRADE OF 1.00' ABOVE FINISH GRADE UNLESS OTHERWISE NOTED.
10. ALL CONCRETE SHALL BE FINISHED TO A FINISH GRADE OF 1.00' ABOVE FINISH GRADE UNLESS OTHERWISE NOTED.

LEGEND

- 1" SANDSTONE GRANITE CURB AND GUTTER
- 2" SANDSTONE GRANITE CURB AND GUTTER
- 3" SANDSTONE GRANITE CURB AND GUTTER
- 4" SANDSTONE GRANITE CURB AND GUTTER
- 5" SANDSTONE GRANITE CURB AND GUTTER
- 6" SANDSTONE GRANITE CURB AND GUTTER
- 7" SANDSTONE GRANITE CURB AND GUTTER
- 8" SANDSTONE GRANITE CURB AND GUTTER
- 9" SANDSTONE GRANITE CURB AND GUTTER
- 10" SANDSTONE GRANITE CURB AND GUTTER

ONE-CALL NOTIFICATION SYSTEM
CALL BEFORE YOU DIG!®
800-4-A-SHIELD
(800-427-4743)

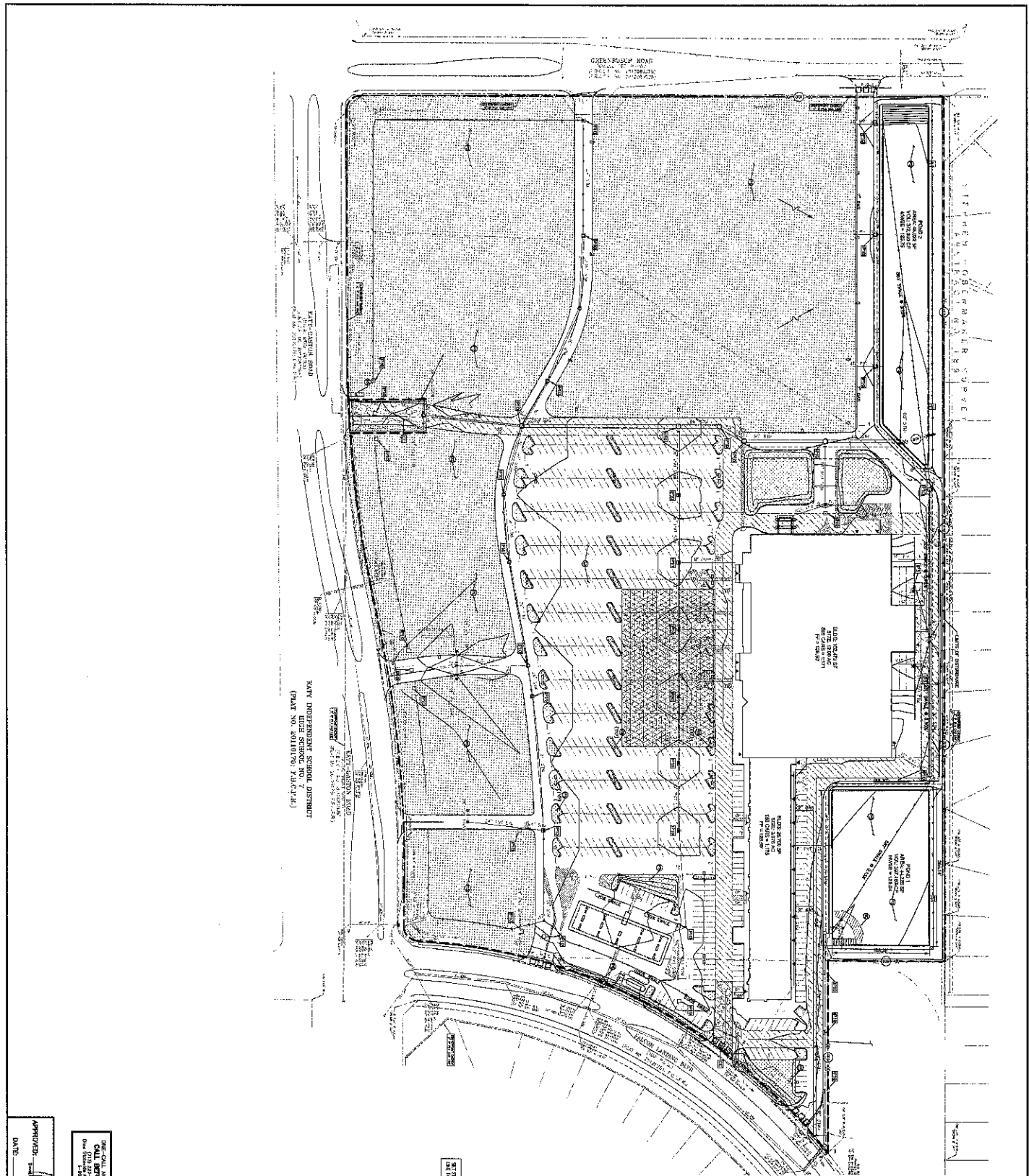
APPROVED: [Signature]
DATE: 1/1/16

BCG
BENTON COUNTY GEOTECHNICAL GROUP, INC.
1000 W. MAIN ST., SUITE 100
FORT BEND COUNTY, MD 185

GASTON FALCON LANDING RETAIL
KROGER SW121

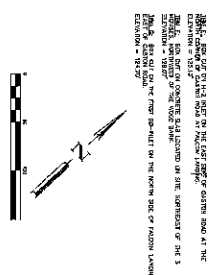
PAVING PLAN 2

DATE: 1/1/16
SCALE: AS SHOWN
DRAWN BY: [Name]
CHECKED BY: [Name]



NOTES:

1. THIS PLAN IS A PART OF THE STORM WATER POLLUTION PREVENTION PLAN FOR THE PROJECT AND SHALL BE CONSIDERED AS SUCH.
2. THE DESIGNER HAS CONDUCTED VISUAL INSPECTIONS OF THE SITE AND HAS FOUND NO OBVIOUS VIOLATIONS OF ANY APPLICABLE REGULATIONS.
3. THE DESIGNER HAS CONDUCTED VISUAL INSPECTIONS OF THE SITE AND HAS FOUND NO OBVIOUS VIOLATIONS OF ANY APPLICABLE REGULATIONS.
4. THE DESIGNER HAS CONDUCTED VISUAL INSPECTIONS OF THE SITE AND HAS FOUND NO OBVIOUS VIOLATIONS OF ANY APPLICABLE REGULATIONS.
5. THE DESIGNER HAS CONDUCTED VISUAL INSPECTIONS OF THE SITE AND HAS FOUND NO OBVIOUS VIOLATIONS OF ANY APPLICABLE REGULATIONS.
6. THE DESIGNER HAS CONDUCTED VISUAL INSPECTIONS OF THE SITE AND HAS FOUND NO OBVIOUS VIOLATIONS OF ANY APPLICABLE REGULATIONS.
7. THE DESIGNER HAS CONDUCTED VISUAL INSPECTIONS OF THE SITE AND HAS FOUND NO OBVIOUS VIOLATIONS OF ANY APPLICABLE REGULATIONS.
8. THE DESIGNER HAS CONDUCTED VISUAL INSPECTIONS OF THE SITE AND HAS FOUND NO OBVIOUS VIOLATIONS OF ANY APPLICABLE REGULATIONS.
9. THE DESIGNER HAS CONDUCTED VISUAL INSPECTIONS OF THE SITE AND HAS FOUND NO OBVIOUS VIOLATIONS OF ANY APPLICABLE REGULATIONS.
10. THE DESIGNER HAS CONDUCTED VISUAL INSPECTIONS OF THE SITE AND HAS FOUND NO OBVIOUS VIOLATIONS OF ANY APPLICABLE REGULATIONS.



LEGEND

STORM WATER MANAGEMENT FEATURES:

- CB - CATCH BASIN
- MH - MANHOLE
- S - STORM WATER INLET
- Flow Lines - Solid line with arrowhead
- Utility Lines - Dashed line
- Proposed Utility Lines - Dotted line
- Proposed Storm Water Inlet - Circle with 'S'
- Proposed Catch Basin - Circle with 'CB'
- Proposed Manhole - Circle with 'MH'
- Proposed Storm Water Inlet - Circle with 'S'
- Proposed Catch Basin - Circle with 'CB'
- Proposed Manhole - Circle with 'MH'

STORM WATER POLLUTION PREVENTION PLAN PHASE II

DESIGNER: BGE CONSULTING ENGINEERS, INC.

PROJECT: STORM WATER POLLUTION PREVENTION PLAN PHASE II

DATE: 11/11/11

APPROVED: [Signature]

DATE: 11/11/11

DESIGNER: BGE CONSULTING ENGINEERS, INC.

PROJECT: STORM WATER POLLUTION PREVENTION PLAN PHASE II

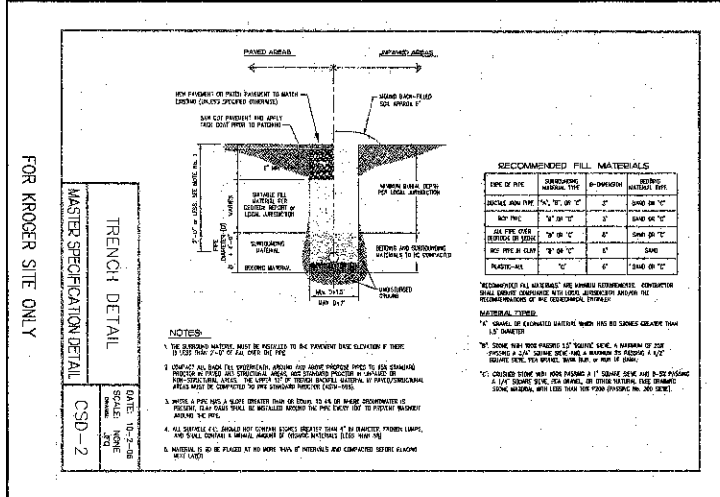
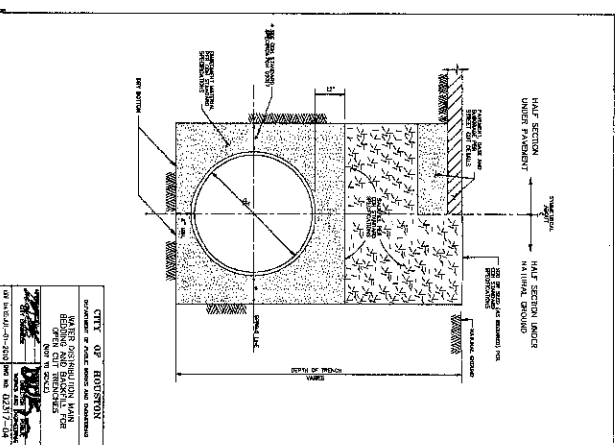
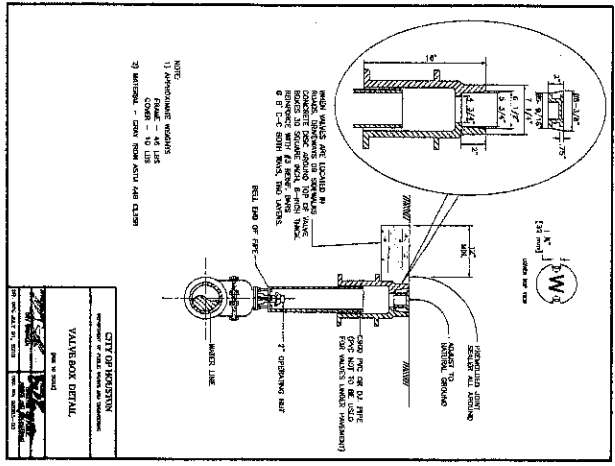
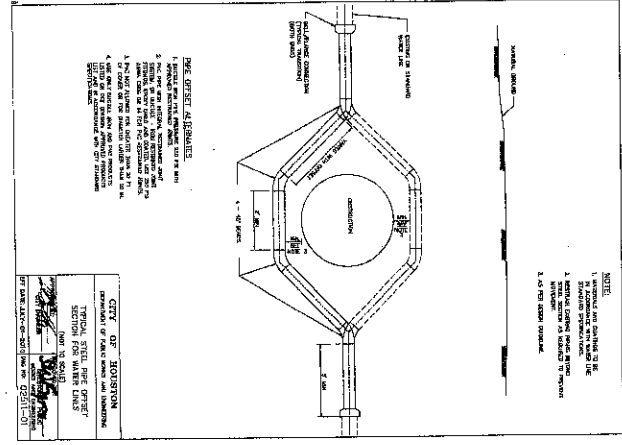
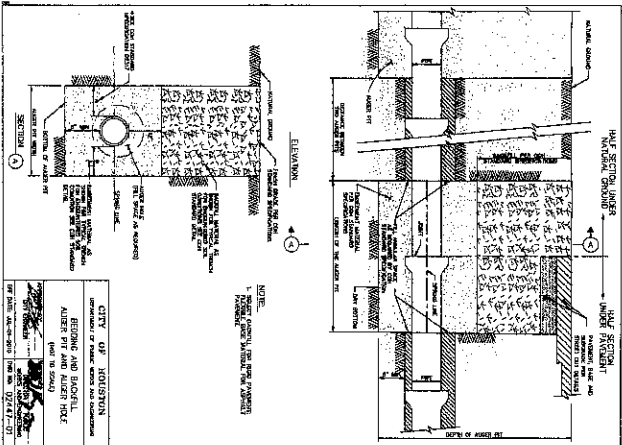
DATE: 11/11/11

STORM WATER POLLUTION PREVENTION PLAN PHASE II

DESIGNER: BGE CONSULTING ENGINEERS, INC.

PROJECT: STORM WATER POLLUTION PREVENTION PLAN PHASE II

DATE: 11/11/11

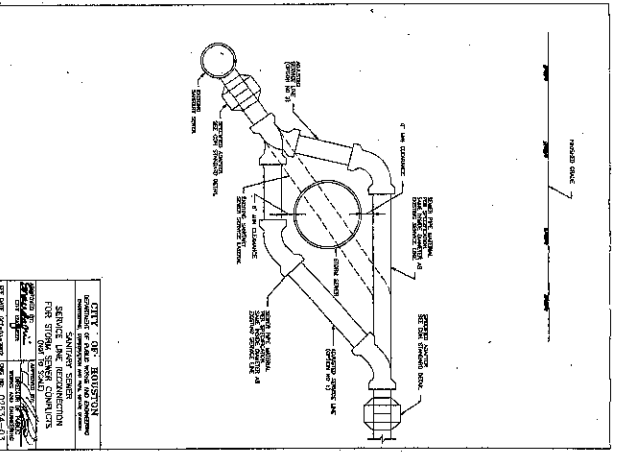
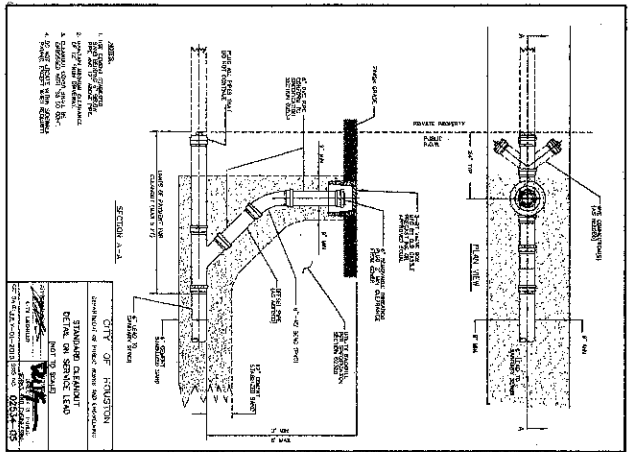
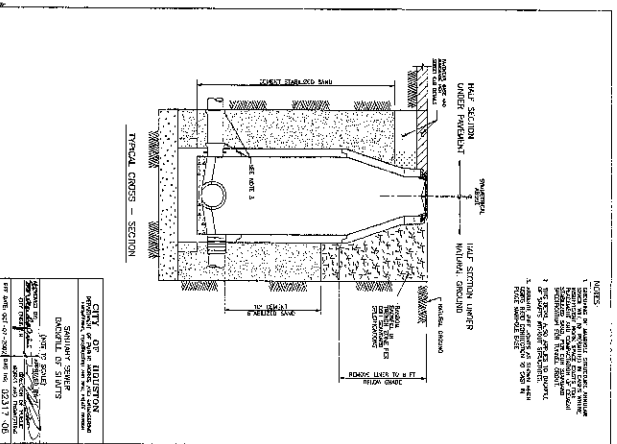
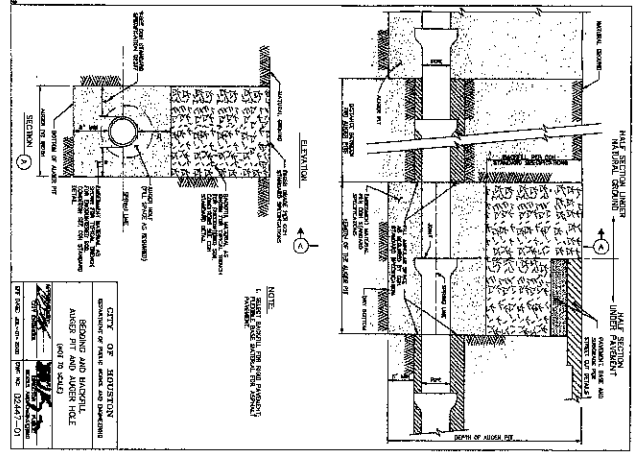
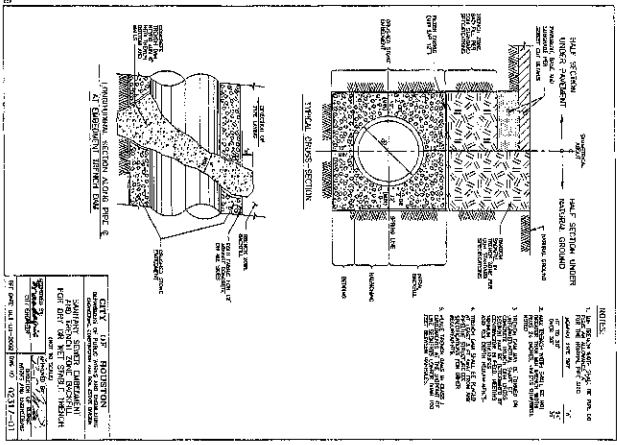
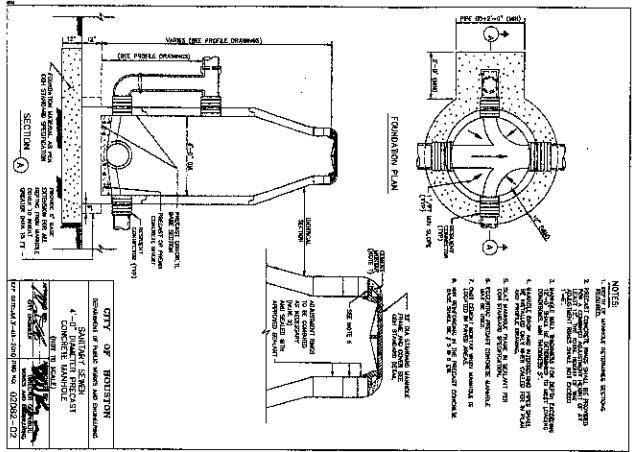


APPROVED: [Signature]
DATE: 10/11/10

WATER LINE DETAILS

BCF
 BENTONITE CEMENT FLOCCULANT
 FORT BEND COUNTY MUD, 185
 GASTON FALCON
 LANDING RETAIL
 KROGER SW121

CONTRACT NO. 10-2-10-01
DATE: 10-2-10
SCALE: NONE
SHEET NO.: 10-2-10-1



APPROVED: _____
DATE: 1/11/12

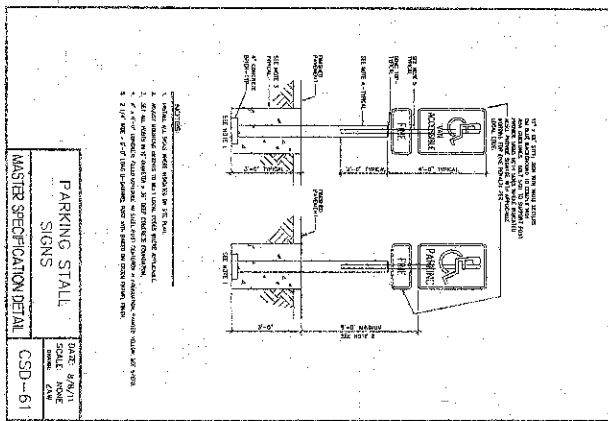
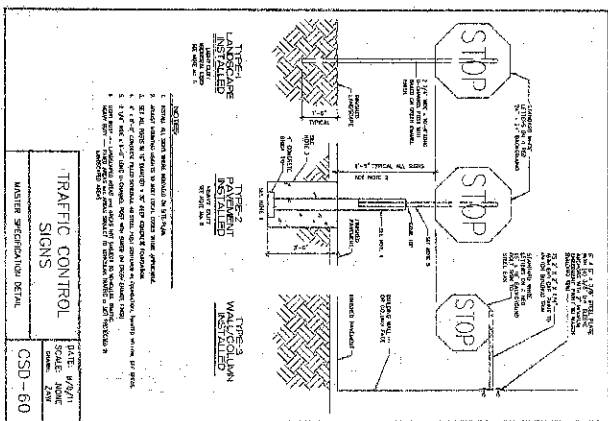
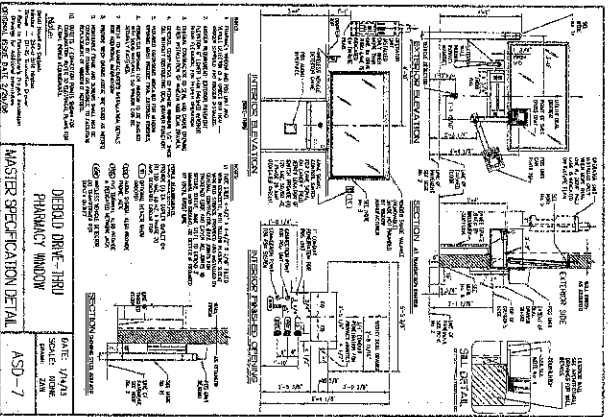
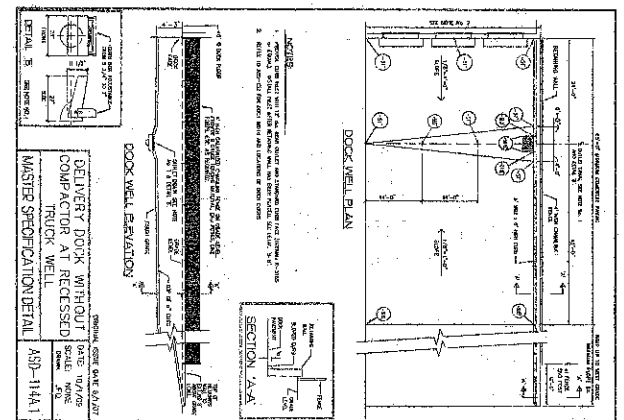
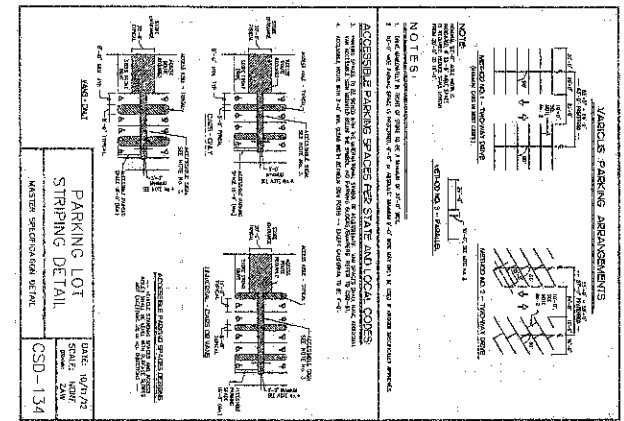
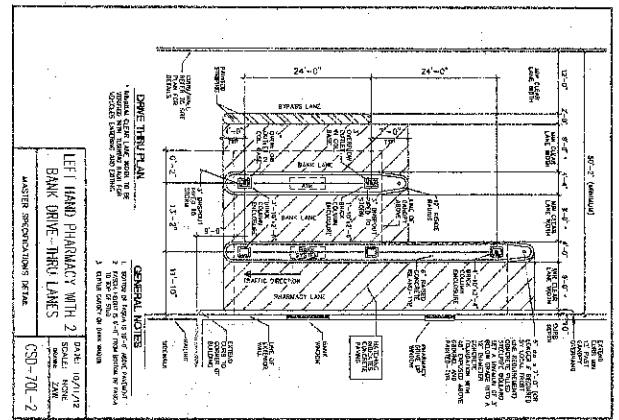
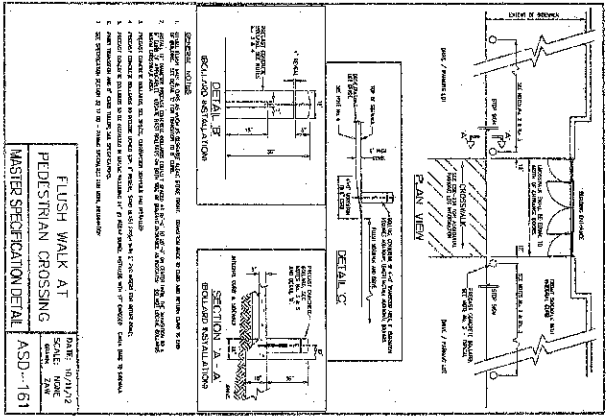
ENGINEER'S SEAL
ECE
 ENGINEER
 10101 WESTHEIMER LANE, SUITE 300
 HOUSTON, TEXAS 77036
 (713) 865-1111
 www.ecengineering.com

PROJECT INFORMATION
 PROJECT: SANITARY SEWER
 LOCATION: CASTON FALCON LANDING RETAIL KROGER SW121
 COUNTY: FORT BEND COUNTY, TEXAS
 SHEET NO.: 12/11/12-01

DATE: 1/11/12

SCALE: AS SHOWN

PROJECT NO.: 12/11/12-01



APPROVED: [Signature] [Date: 10/17/16]

DATE: 10/17/16

CONTRACT NUMBER: (A) 1000000000-001

SITE DETAILS

GASTON FALCON LANDING RETAIL KNOXWOOD SW21

FORT BEND COUNTY, TEXAS

CONTRACT NUMBER: (A) 1000000000-001

DATE: 10/17/16

SCALE: 1/8" = 1'-0"

PROJECT: GASTON FALCON LANDING RETAIL KNOXWOOD SW21

DATE: 10/17/16

SCALE: 1/8" = 1'-0"

PROJECT: GASTON FALCON LANDING RETAIL KNOXWOOD SW21

DATE: 10/17/16

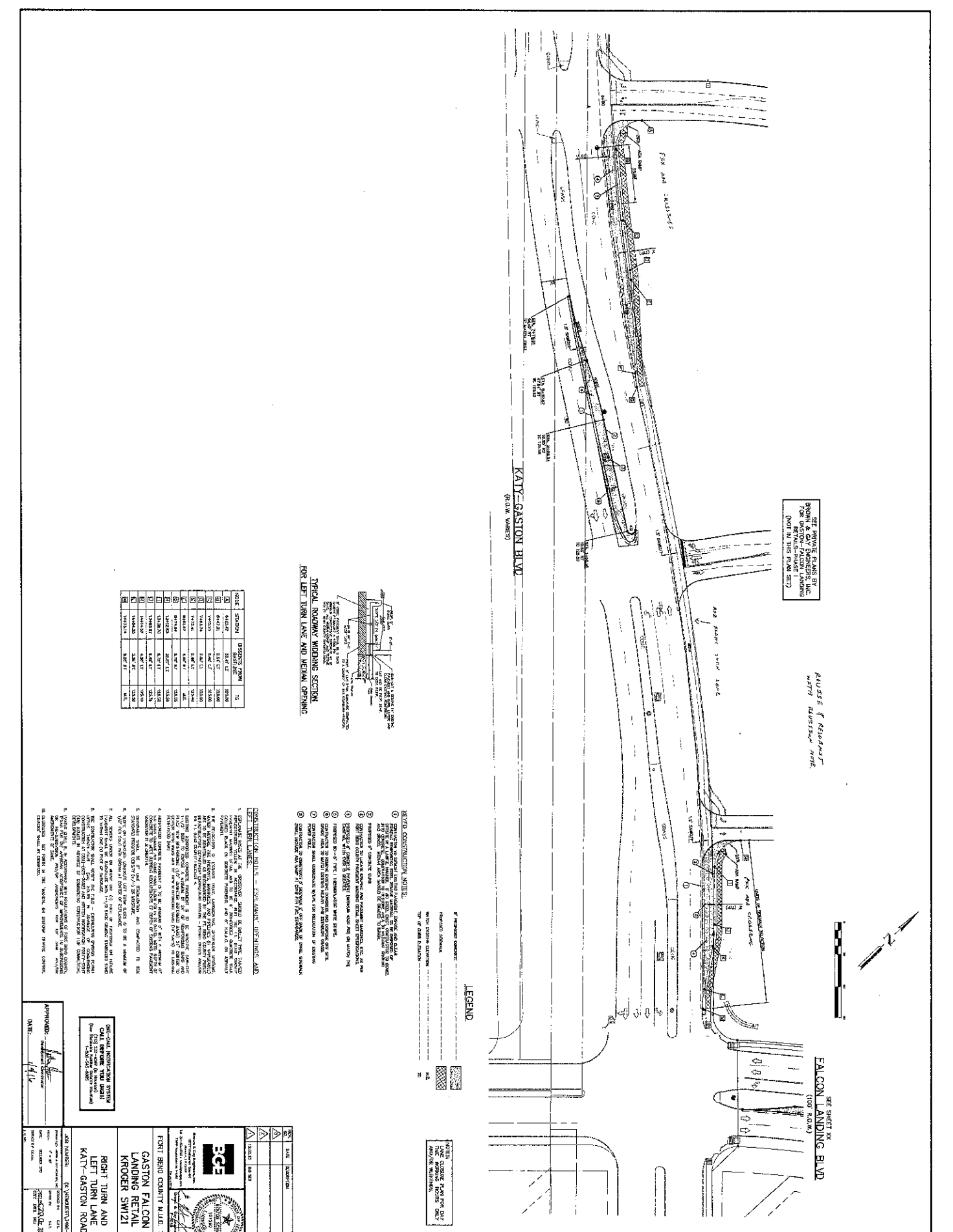
SCALE: 1/8" = 1'-0"

PROJECT: GASTON FALCON LANDING RETAIL KNOXWOOD SW21

DATE: 10/17/16

SCALE: 1/8" = 1'-0"

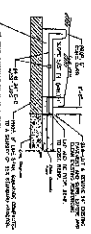
PROJECT: GASTON FALCON LANDING RETAIL KNOXWOOD SW21



SEE ABOVE PLANS BY
 PROJECT NUMBER: FALCON LANDING
 (NOT IN THIS PLAN SET)

PAUSE & REVISIT
 WITH REVISIONS NOTE

**TYPICAL ROADWAY WIDENING SECTION
 FOR LEFT TURN LANE AND MEDIAN OPENING**



DATE	STATION	DESCRIPTION	TIME
01/15/20	0+00.00	START OF PROJECT	10:00
01/15/20	0+10.00	CONSTRUCTION OF CURB	12:00
01/15/20	0+20.00	CONSTRUCTION OF ASPHALT PAVING	14:00
01/15/20	0+30.00	CONSTRUCTION OF MEDIAN OPENING	16:00
01/15/20	0+40.00	CONSTRUCTION OF SHOULDER	18:00
01/15/20	0+50.00	CONSTRUCTION OF CURB	20:00
01/15/20	0+60.00	CONSTRUCTION OF ASPHALT PAVING	22:00
01/15/20	0+70.00	CONSTRUCTION OF MEDIAN OPENING	24:00
01/15/20	0+80.00	CONSTRUCTION OF SHOULDER	26:00
01/15/20	0+90.00	CONSTRUCTION OF CURB	28:00
01/15/20	0+100.00	CONSTRUCTION OF ASPHALT PAVING	30:00
01/15/20	0+110.00	CONSTRUCTION OF MEDIAN OPENING	32:00
01/15/20	0+120.00	CONSTRUCTION OF SHOULDER	34:00
01/15/20	0+130.00	CONSTRUCTION OF CURB	36:00
01/15/20	0+140.00	CONSTRUCTION OF ASPHALT PAVING	38:00
01/15/20	0+150.00	CONSTRUCTION OF MEDIAN OPENING	40:00
01/15/20	0+160.00	CONSTRUCTION OF SHOULDER	42:00
01/15/20	0+170.00	CONSTRUCTION OF CURB	44:00
01/15/20	0+180.00	CONSTRUCTION OF ASPHALT PAVING	46:00
01/15/20	0+190.00	CONSTRUCTION OF MEDIAN OPENING	48:00
01/15/20	0+200.00	CONSTRUCTION OF SHOULDER	50:00
01/15/20	0+210.00	CONSTRUCTION OF CURB	52:00
01/15/20	0+220.00	CONSTRUCTION OF ASPHALT PAVING	54:00
01/15/20	0+230.00	CONSTRUCTION OF MEDIAN OPENING	56:00
01/15/20	0+240.00	CONSTRUCTION OF SHOULDER	58:00
01/15/20	0+250.00	CONSTRUCTION OF CURB	60:00
01/15/20	0+260.00	CONSTRUCTION OF ASPHALT PAVING	62:00
01/15/20	0+270.00	CONSTRUCTION OF MEDIAN OPENING	64:00
01/15/20	0+280.00	CONSTRUCTION OF SHOULDER	66:00
01/15/20	0+290.00	CONSTRUCTION OF CURB	68:00
01/15/20	0+300.00	CONSTRUCTION OF ASPHALT PAVING	70:00

- REVISIONS:**
1. CORRECTED THE SPACING OF THE CURBS TO BE 12' ON CENTER.
 2. CORRECTED THE SPACING OF THE MEDIAN OPENINGS TO BE 12' ON CENTER.
 3. CORRECTED THE SPACING OF THE SHOULDER TO BE 12' ON CENTER.
 4. CORRECTED THE SPACING OF THE ASPHALT PAVING TO BE 12' ON CENTER.
 5. CORRECTED THE SPACING OF THE CURBS TO BE 12' ON CENTER.
 6. CORRECTED THE SPACING OF THE MEDIAN OPENINGS TO BE 12' ON CENTER.
 7. CORRECTED THE SPACING OF THE SHOULDER TO BE 12' ON CENTER.
 8. CORRECTED THE SPACING OF THE ASPHALT PAVING TO BE 12' ON CENTER.
 9. CORRECTED THE SPACING OF THE CURBS TO BE 12' ON CENTER.
 10. CORRECTED THE SPACING OF THE MEDIAN OPENINGS TO BE 12' ON CENTER.
 11. CORRECTED THE SPACING OF THE SHOULDER TO BE 12' ON CENTER.
 12. CORRECTED THE SPACING OF THE ASPHALT PAVING TO BE 12' ON CENTER.

CONSTRUCTION NOTES:

1. EXISTING CURB SHALL BE REPAIRED OR REPLACED WITH NEW CONCRETE CURB.
2. EXISTING ASPHALT PAVING SHALL BE REPAIRED OR REPLACED WITH NEW ASPHALT PAVING.
3. EXISTING SHOULDER SHALL BE REPAIRED OR REPLACED WITH NEW SHOULDER.
4. EXISTING MEDIAN OPENINGS SHALL BE REPAIRED OR REPLACED WITH NEW MEDIAN OPENINGS.
5. EXISTING CURBS SHALL BE REPAIRED OR REPLACED WITH NEW CONCRETE CURB.
6. EXISTING ASPHALT PAVING SHALL BE REPAIRED OR REPLACED WITH NEW ASPHALT PAVING.
7. EXISTING SHOULDER SHALL BE REPAIRED OR REPLACED WITH NEW SHOULDER.
8. EXISTING MEDIAN OPENINGS SHALL BE REPAIRED OR REPLACED WITH NEW MEDIAN OPENINGS.
9. EXISTING CURBS SHALL BE REPAIRED OR REPLACED WITH NEW CONCRETE CURB.
10. EXISTING ASPHALT PAVING SHALL BE REPAIRED OR REPLACED WITH NEW ASPHALT PAVING.
11. EXISTING SHOULDER SHALL BE REPAIRED OR REPLACED WITH NEW SHOULDER.
12. EXISTING MEDIAN OPENINGS SHALL BE REPAIRED OR REPLACED WITH NEW MEDIAN OPENINGS.

LEGEND:

- 1. FINISHED CONCRETE
- 2. FINISHED ASPHALT
- 3. FINISHED SHOULDER
- 4. FINISHED MEDIAN OPENING
- 5. FINISHED CURB
- 6. FINISHED ASPHALT PAVING
- 7. FINISHED SHOULDER
- 8. FINISHED MEDIAN OPENING
- 9. FINISHED CURB
- 10. FINISHED ASPHALT PAVING
- 11. FINISHED SHOULDER
- 12. FINISHED MEDIAN OPENING

ONE-CALL NOTIFICATION SYSTEM
 CALL 811 BEFORE YOU DIG!
 For more information, visit
 www.call811.com

APPROVED: [Signature]
 DATE: 1/15/20

PORT BEND COUNTY MILD 185

GASTON FALCON LANDING RETAIL KROGER SW121

RIGHT TURN AND LEFT TURN LANE KATY-GASTON ROAD

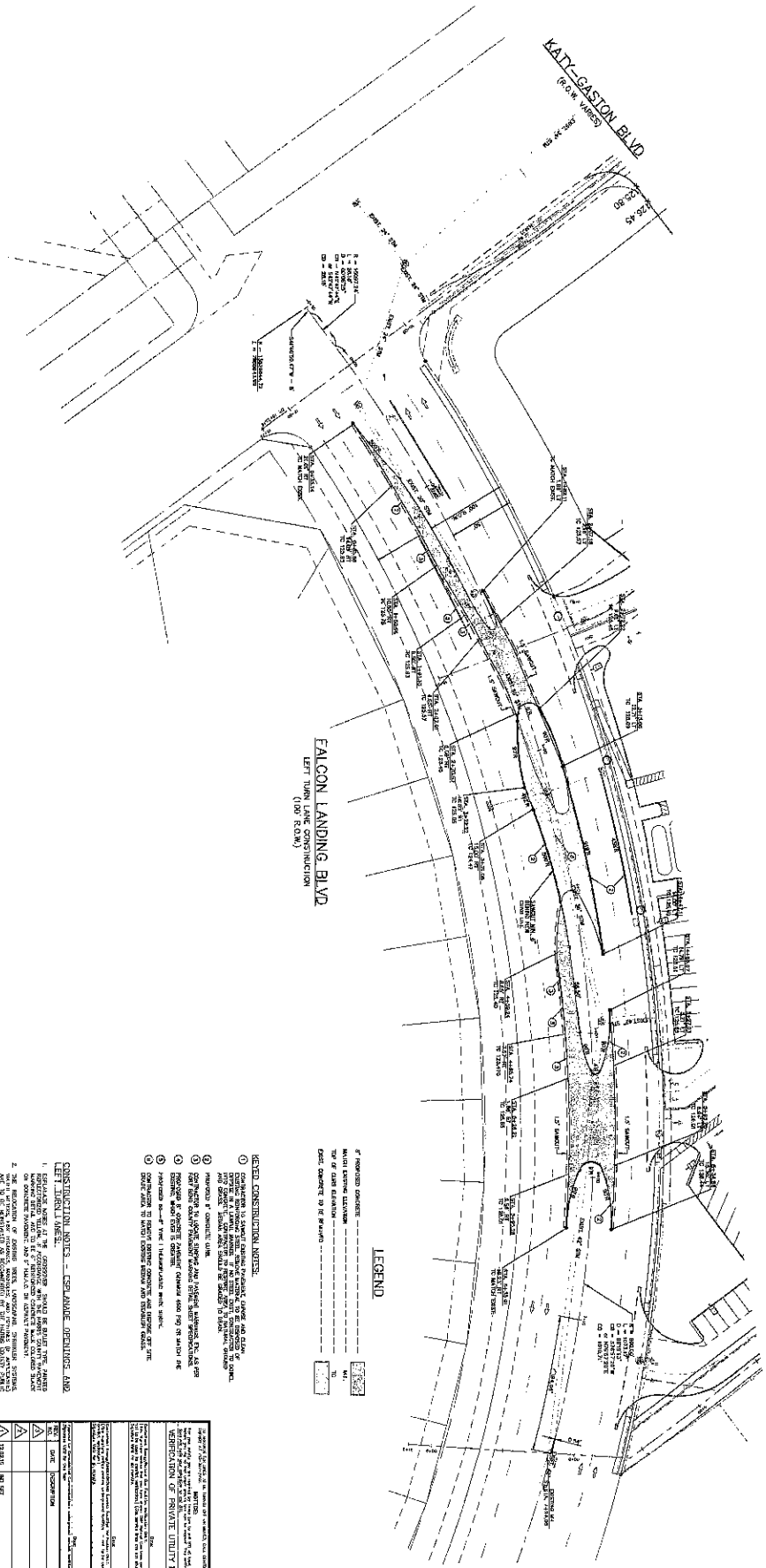
DATE: 1/15/20

BCF

Professional Engineer
 License No. 12345

NOTES:

1. SEE ALL OTHER PLANS FOR DIMENSIONS AND NOTES.
2. ALL DIMENSIONS ARE IN FEET AND INCHES.
3. ALL NOTES ARE TO BE READ IN CONJUNCTION WITH THE PLANS.
4. ALL NOTES ARE TO BE READ IN CONJUNCTION WITH THE SPECIFICATIONS.
5. ALL NOTES ARE TO BE READ IN CONJUNCTION WITH THE CONTRACT DOCUMENTS.



FALCON LANDING BLVD
LEFT TURN LANE CONSTRUCTION
(100 FEET)

KATY-GASTON BLVD
(100 R.O. WIDE)

LEGEND

- 1. PROPOSED CONCRETE
- 2. EXISTING CONCRETE
- 3. PROPOSED ASPHALT
- 4. EXISTING ASPHALT
- 5. PROPOSED GRAVEL
- 6. EXISTING GRAVEL
- 7. PROPOSED CUT AND FILL
- 8. EXISTING CUT AND FILL
- 9. PROPOSED UTILITY LINES
- 10. EXISTING UTILITY LINES
- 11. PROPOSED DRIVE
- 12. EXISTING DRIVE
- 13. PROPOSED SIDEWALK
- 14. EXISTING SIDEWALK
- 15. PROPOSED CURB
- 16. EXISTING CURB
- 17. PROPOSED LANDSCAPE
- 18. EXISTING LANDSCAPE
- 19. PROPOSED SIGN
- 20. EXISTING SIGN
- 21. PROPOSED LIGHT
- 22. EXISTING LIGHT
- 23. PROPOSED FENCE
- 24. EXISTING FENCE
- 25. PROPOSED WALL
- 26. EXISTING WALL
- 27. PROPOSED PAVEMENT
- 28. EXISTING PAVEMENT
- 29. PROPOSED DRIVEWAY
- 30. EXISTING DRIVEWAY
- 31. PROPOSED SIDEWALK
- 32. EXISTING SIDEWALK
- 33. PROPOSED CURB
- 34. EXISTING CURB
- 35. PROPOSED LANDSCAPE
- 36. EXISTING LANDSCAPE
- 37. PROPOSED SIGN
- 38. EXISTING SIGN
- 39. PROPOSED LIGHT
- 40. EXISTING LIGHT
- 41. PROPOSED FENCE
- 42. EXISTING FENCE
- 43. PROPOSED WALL
- 44. EXISTING WALL
- 45. PROPOSED PAVEMENT
- 46. EXISTING PAVEMENT
- 47. PROPOSED DRIVEWAY
- 48. EXISTING DRIVEWAY
- 49. PROPOSED SIDEWALK
- 50. EXISTING SIDEWALK
- 51. PROPOSED CURB
- 52. EXISTING CURB
- 53. PROPOSED LANDSCAPE
- 54. EXISTING LANDSCAPE
- 55. PROPOSED SIGN
- 56. EXISTING SIGN
- 57. PROPOSED LIGHT
- 58. EXISTING LIGHT
- 59. PROPOSED FENCE
- 60. EXISTING FENCE
- 61. PROPOSED WALL
- 62. EXISTING WALL
- 63. PROPOSED PAVEMENT
- 64. EXISTING PAVEMENT
- 65. PROPOSED DRIVEWAY
- 66. EXISTING DRIVEWAY
- 67. PROPOSED SIDEWALK
- 68. EXISTING SIDEWALK
- 69. PROPOSED CURB
- 70. EXISTING CURB
- 71. PROPOSED LANDSCAPE
- 72. EXISTING LANDSCAPE
- 73. PROPOSED SIGN
- 74. EXISTING SIGN
- 75. PROPOSED LIGHT
- 76. EXISTING LIGHT
- 77. PROPOSED FENCE
- 78. EXISTING FENCE
- 79. PROPOSED WALL
- 80. EXISTING WALL
- 81. PROPOSED PAVEMENT
- 82. EXISTING PAVEMENT
- 83. PROPOSED DRIVEWAY
- 84. EXISTING DRIVEWAY
- 85. PROPOSED SIDEWALK
- 86. EXISTING SIDEWALK
- 87. PROPOSED CURB
- 88. EXISTING CURB
- 89. PROPOSED LANDSCAPE
- 90. EXISTING LANDSCAPE
- 91. PROPOSED SIGN
- 92. EXISTING SIGN
- 93. PROPOSED LIGHT
- 94. EXISTING LIGHT
- 95. PROPOSED FENCE
- 96. EXISTING FENCE
- 97. PROPOSED WALL
- 98. EXISTING WALL
- 99. PROPOSED PAVEMENT
- 100. EXISTING PAVEMENT

REVISIONS

- 1. REVISIONS TO BE MADE
- 2. REVISIONS TO BE MADE
- 3. REVISIONS TO BE MADE
- 4. REVISIONS TO BE MADE
- 5. REVISIONS TO BE MADE
- 6. REVISIONS TO BE MADE
- 7. REVISIONS TO BE MADE
- 8. REVISIONS TO BE MADE
- 9. REVISIONS TO BE MADE
- 10. REVISIONS TO BE MADE
- 11. REVISIONS TO BE MADE
- 12. REVISIONS TO BE MADE
- 13. REVISIONS TO BE MADE
- 14. REVISIONS TO BE MADE
- 15. REVISIONS TO BE MADE
- 16. REVISIONS TO BE MADE
- 17. REVISIONS TO BE MADE
- 18. REVISIONS TO BE MADE
- 19. REVISIONS TO BE MADE
- 20. REVISIONS TO BE MADE
- 21. REVISIONS TO BE MADE
- 22. REVISIONS TO BE MADE
- 23. REVISIONS TO BE MADE
- 24. REVISIONS TO BE MADE
- 25. REVISIONS TO BE MADE
- 26. REVISIONS TO BE MADE
- 27. REVISIONS TO BE MADE
- 28. REVISIONS TO BE MADE
- 29. REVISIONS TO BE MADE
- 30. REVISIONS TO BE MADE
- 31. REVISIONS TO BE MADE
- 32. REVISIONS TO BE MADE
- 33. REVISIONS TO BE MADE
- 34. REVISIONS TO BE MADE
- 35. REVISIONS TO BE MADE
- 36. REVISIONS TO BE MADE
- 37. REVISIONS TO BE MADE
- 38. REVISIONS TO BE MADE
- 39. REVISIONS TO BE MADE
- 40. REVISIONS TO BE MADE
- 41. REVISIONS TO BE MADE
- 42. REVISIONS TO BE MADE
- 43. REVISIONS TO BE MADE
- 44. REVISIONS TO BE MADE
- 45. REVISIONS TO BE MADE
- 46. REVISIONS TO BE MADE
- 47. REVISIONS TO BE MADE
- 48. REVISIONS TO BE MADE
- 49. REVISIONS TO BE MADE
- 50. REVISIONS TO BE MADE
- 51. REVISIONS TO BE MADE
- 52. REVISIONS TO BE MADE
- 53. REVISIONS TO BE MADE
- 54. REVISIONS TO BE MADE
- 55. REVISIONS TO BE MADE
- 56. REVISIONS TO BE MADE
- 57. REVISIONS TO BE MADE
- 58. REVISIONS TO BE MADE
- 59. REVISIONS TO BE MADE
- 60. REVISIONS TO BE MADE
- 61. REVISIONS TO BE MADE
- 62. REVISIONS TO BE MADE
- 63. REVISIONS TO BE MADE
- 64. REVISIONS TO BE MADE
- 65. REVISIONS TO BE MADE
- 66. REVISIONS TO BE MADE
- 67. REVISIONS TO BE MADE
- 68. REVISIONS TO BE MADE
- 69. REVISIONS TO BE MADE
- 70. REVISIONS TO BE MADE
- 71. REVISIONS TO BE MADE
- 72. REVISIONS TO BE MADE
- 73. REVISIONS TO BE MADE
- 74. REVISIONS TO BE MADE
- 75. REVISIONS TO BE MADE
- 76. REVISIONS TO BE MADE
- 77. REVISIONS TO BE MADE
- 78. REVISIONS TO BE MADE
- 79. REVISIONS TO BE MADE
- 80. REVISIONS TO BE MADE
- 81. REVISIONS TO BE MADE
- 82. REVISIONS TO BE MADE
- 83. REVISIONS TO BE MADE
- 84. REVISIONS TO BE MADE
- 85. REVISIONS TO BE MADE
- 86. REVISIONS TO BE MADE
- 87. REVISIONS TO BE MADE
- 88. REVISIONS TO BE MADE
- 89. REVISIONS TO BE MADE
- 90. REVISIONS TO BE MADE
- 91. REVISIONS TO BE MADE
- 92. REVISIONS TO BE MADE
- 93. REVISIONS TO BE MADE
- 94. REVISIONS TO BE MADE
- 95. REVISIONS TO BE MADE
- 96. REVISIONS TO BE MADE
- 97. REVISIONS TO BE MADE
- 98. REVISIONS TO BE MADE
- 99. REVISIONS TO BE MADE
- 100. REVISIONS TO BE MADE

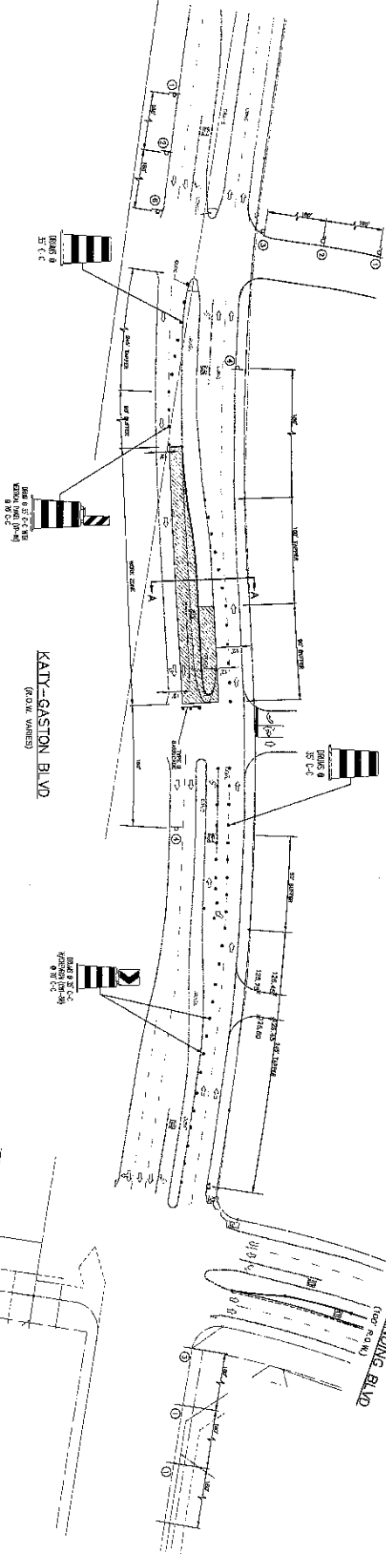
CONSTRUCTION NOTES

1. GENERAL NOTES AT THE APPROXIMATE 1/4" SCALE SHALL BE USED FOR ALL CONSTRUCTION DETAILS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES.
2. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, AS APPLICABLE.
3. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL ADJACENT PROPERTIES AND UTILITIES AT ALL TIMES. ANY NECESSARY TEMPORARY DIVERSIONS SHALL BE APPROVED BY THE LOCAL AUTHORITIES.
4. ALL UTILITIES SHALL BE PROTECTED AND DEEPENED AS NECESSARY TO MAINTAIN PROPER CLEARANCES. ANY DAMAGE TO UTILITIES SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES.
6. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, AS APPLICABLE.
7. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL ADJACENT PROPERTIES AND UTILITIES AT ALL TIMES. ANY NECESSARY TEMPORARY DIVERSIONS SHALL BE APPROVED BY THE LOCAL AUTHORITIES.
8. ALL UTILITIES SHALL BE PROTECTED AND DEEPENED AS NECESSARY TO MAINTAIN PROPER CLEARANCES. ANY DAMAGE TO UTILITIES SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.
9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES.
10. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, AS APPLICABLE.

APPROVED: _____
DATE: _____

CASTON FALCON LANDING RETAIL KROGER SW121	
LEFT TURN LANE FALCON LANDING BLVD	
PROJECT NO: _____ SHEET NO: _____ OF _____ DATE: _____	DESIGNED BY: _____ CHECKED BY: _____ DRAWN BY: _____ DATE: _____

SEE PRIVATE PLANS BY
BROWN & CALY ENGINEERS, INC.
FOR GASTON-FALCON LANDING
PROJECT (NOT IN THIS PLAN SET)



TYPICAL TRAFFIC SIGN LOCATIONS

Symbol is applicable to the location of the sign.

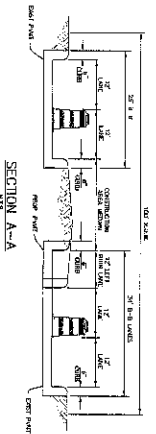
TRAFFIC SIGN NUMBER	TRAFFIC SIGN DESCRIPTION	TRAFFIC SIGN LOCATION
302	ROAD AHEAD	100' TO 150'
303	LEFT LANE CLOSED	100' TO 150'
304	END ROAD WORK	100' TO 150'
305	ROAD AHEAD	100' TO 150'
306	LEFT LANE CLOSED	100' TO 150'
307	END ROAD WORK	100' TO 150'
308	ROAD AHEAD	100' TO 150'
309	LEFT LANE CLOSED	100' TO 150'
310	END ROAD WORK	100' TO 150'

TRAFFIC SIGN SCHEDULE

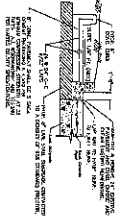
TRAFFIC SIGN NUMBER	TRAFFIC SIGN DESCRIPTION	TRAFFIC SIGN LOCATION
302	ROAD AHEAD	100' TO 150'
303	LEFT LANE CLOSED	100' TO 150'
304	END ROAD WORK	100' TO 150'
305	ROAD AHEAD	100' TO 150'
306	LEFT LANE CLOSED	100' TO 150'
307	END ROAD WORK	100' TO 150'
308	ROAD AHEAD	100' TO 150'
309	LEFT LANE CLOSED	100' TO 150'
310	END ROAD WORK	100' TO 150'

TRAFFIC SIGN SCHEDULE

TRAFFIC SIGN NUMBER	TRAFFIC SIGN DESCRIPTION	TRAFFIC SIGN LOCATION
302	ROAD AHEAD	100' TO 150'
303	LEFT LANE CLOSED	100' TO 150'
304	END ROAD WORK	100' TO 150'
305	ROAD AHEAD	100' TO 150'
306	LEFT LANE CLOSED	100' TO 150'
307	END ROAD WORK	100' TO 150'
308	ROAD AHEAD	100' TO 150'
309	LEFT LANE CLOSED	100' TO 150'
310	END ROAD WORK	100' TO 150'



TYPICAL ROADWAY WIDENING SECTION
FOR LEFT TURN LANE AND MEDIAN OPENINGS



NOTICE: LANE CLOSURE PLAN FOR LANE AND/OR MEDIAN OPENINGS.

- ① ROAD AHEAD
- ② LEFT LANE CLOSED
- ③ END ROAD WORK

LEGEND

- UNPAVED AREA
- PAVED AREA
- SIDEWALK
- BIKEWAY
- MEDIAN
- CENTER TURN LANE
- MEDIAN OPENING
- UTILITY LINE
- TREE
- SIGN

DATE: 11/11/11

PROJECT: GASTON-FALCON LANDING

TRAFFIC CONTROL PLAN

FOR FORT BEND COUNTY ROAD 188

BCF BROWN & CALY ENGINEERS, INC.

REGISTERED PROFESSIONAL ENGINEER

NO. 12345

STATE OF TEXAS

PROJECT: GASTON-FALCON LANDING

TRAFFIC CONTROL PLAN

DATE: 11/11/11

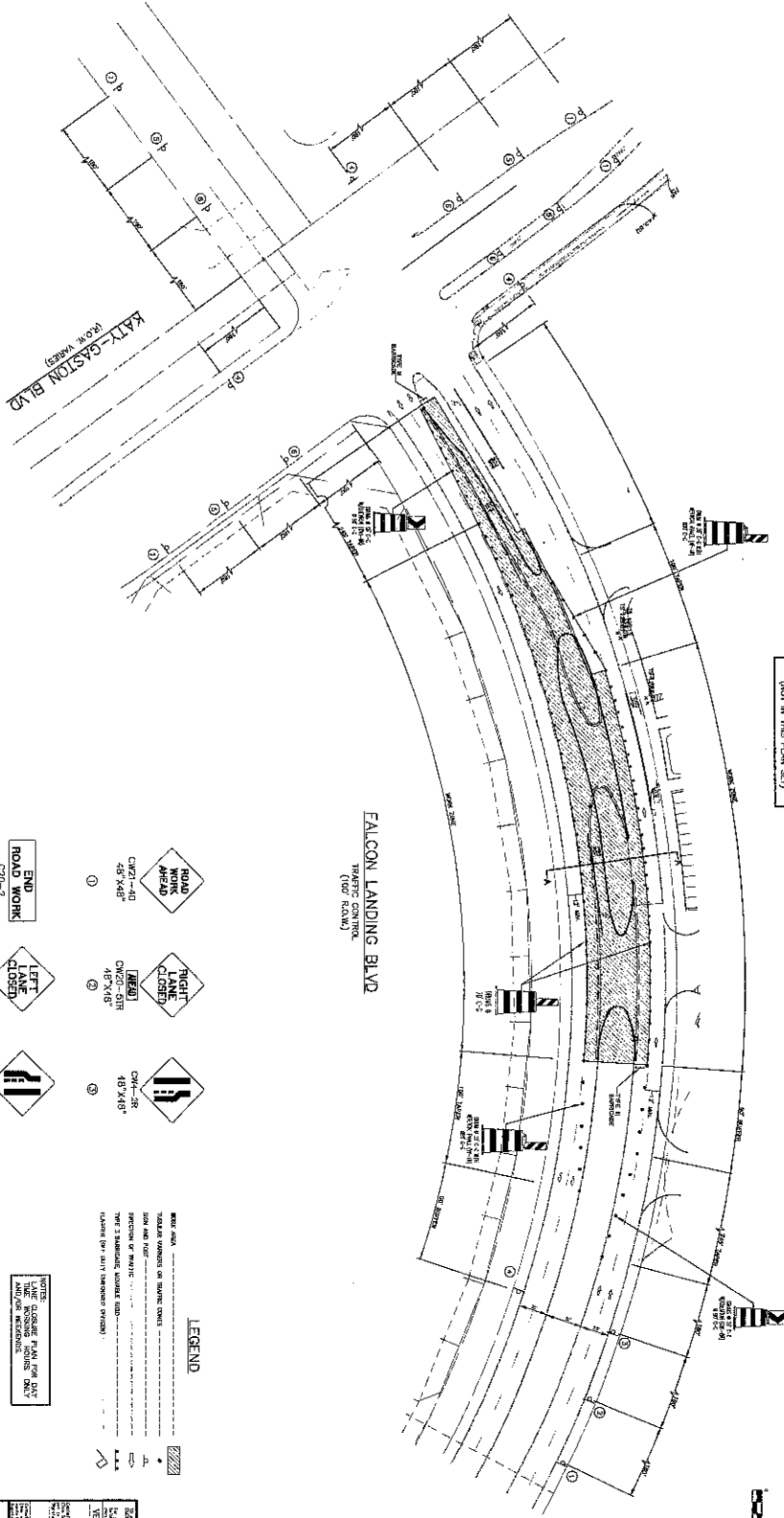
APPROVED:

DATE: 11/11/11

DATE: 11/11/11

PROJECT: GASTON-FALCON LANDING

TRAFFIC CONTROL PLAN



SEE PRIVATE PLANS BY
BROWN GASTON-FALCON LANDING
(NOT IN THIS PLAN SET)

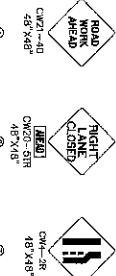
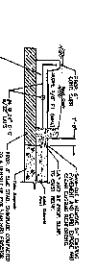
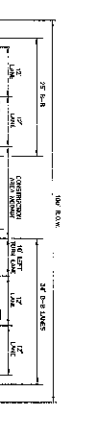
CRITICAL TRANSITION LENGTHS

COMPOSITE AND OVERLAP OF DEVICES

DEVICES	MINIMUM SEPARATION	MINIMUM SEPARATION	MINIMUM SEPARATION
1	2	3	4
1. STOP SIGN	10 FT	10 FT	10 FT
2. STOP SIGN	10 FT	10 FT	10 FT
3. STOP SIGN	10 FT	10 FT	10 FT
4. STOP SIGN	10 FT	10 FT	10 FT
5. STOP SIGN	10 FT	10 FT	10 FT
6. STOP SIGN	10 FT	10 FT	10 FT
7. STOP SIGN	10 FT	10 FT	10 FT
8. STOP SIGN	10 FT	10 FT	10 FT
9. STOP SIGN	10 FT	10 FT	10 FT
10. STOP SIGN	10 FT	10 FT	10 FT
11. STOP SIGN	10 FT	10 FT	10 FT
12. STOP SIGN	10 FT	10 FT	10 FT
13. STOP SIGN	10 FT	10 FT	10 FT
14. STOP SIGN	10 FT	10 FT	10 FT
15. STOP SIGN	10 FT	10 FT	10 FT
16. STOP SIGN	10 FT	10 FT	10 FT
17. STOP SIGN	10 FT	10 FT	10 FT
18. STOP SIGN	10 FT	10 FT	10 FT
19. STOP SIGN	10 FT	10 FT	10 FT
20. STOP SIGN	10 FT	10 FT	10 FT
21. STOP SIGN	10 FT	10 FT	10 FT
22. STOP SIGN	10 FT	10 FT	10 FT
23. STOP SIGN	10 FT	10 FT	10 FT
24. STOP SIGN	10 FT	10 FT	10 FT
25. STOP SIGN	10 FT	10 FT	10 FT
26. STOP SIGN	10 FT	10 FT	10 FT
27. STOP SIGN	10 FT	10 FT	10 FT
28. STOP SIGN	10 FT	10 FT	10 FT
29. STOP SIGN	10 FT	10 FT	10 FT
30. STOP SIGN	10 FT	10 FT	10 FT
31. STOP SIGN	10 FT	10 FT	10 FT
32. STOP SIGN	10 FT	10 FT	10 FT
33. STOP SIGN	10 FT	10 FT	10 FT
34. STOP SIGN	10 FT	10 FT	10 FT
35. STOP SIGN	10 FT	10 FT	10 FT
36. STOP SIGN	10 FT	10 FT	10 FT
37. STOP SIGN	10 FT	10 FT	10 FT
38. STOP SIGN	10 FT	10 FT	10 FT
39. STOP SIGN	10 FT	10 FT	10 FT
40. STOP SIGN	10 FT	10 FT	10 FT
41. STOP SIGN	10 FT	10 FT	10 FT
42. STOP SIGN	10 FT	10 FT	10 FT
43. STOP SIGN	10 FT	10 FT	10 FT
44. STOP SIGN	10 FT	10 FT	10 FT
45. STOP SIGN	10 FT	10 FT	10 FT
46. STOP SIGN	10 FT	10 FT	10 FT
47. STOP SIGN	10 FT	10 FT	10 FT
48. STOP SIGN	10 FT	10 FT	10 FT
49. STOP SIGN	10 FT	10 FT	10 FT
50. STOP SIGN	10 FT	10 FT	10 FT

MINIMUM SPACING

DEVICES	MINIMUM SEPARATION
1. STOP SIGN	10 FT
2. STOP SIGN	10 FT
3. STOP SIGN	10 FT
4. STOP SIGN	10 FT
5. STOP SIGN	10 FT
6. STOP SIGN	10 FT
7. STOP SIGN	10 FT
8. STOP SIGN	10 FT
9. STOP SIGN	10 FT
10. STOP SIGN	10 FT
11. STOP SIGN	10 FT
12. STOP SIGN	10 FT
13. STOP SIGN	10 FT
14. STOP SIGN	10 FT
15. STOP SIGN	10 FT
16. STOP SIGN	10 FT
17. STOP SIGN	10 FT
18. STOP SIGN	10 FT
19. STOP SIGN	10 FT
20. STOP SIGN	10 FT
21. STOP SIGN	10 FT
22. STOP SIGN	10 FT
23. STOP SIGN	10 FT
24. STOP SIGN	10 FT
25. STOP SIGN	10 FT
26. STOP SIGN	10 FT
27. STOP SIGN	10 FT
28. STOP SIGN	10 FT
29. STOP SIGN	10 FT
30. STOP SIGN	10 FT
31. STOP SIGN	10 FT
32. STOP SIGN	10 FT
33. STOP SIGN	10 FT
34. STOP SIGN	10 FT
35. STOP SIGN	10 FT
36. STOP SIGN	10 FT
37. STOP SIGN	10 FT
38. STOP SIGN	10 FT
39. STOP SIGN	10 FT
40. STOP SIGN	10 FT
41. STOP SIGN	10 FT
42. STOP SIGN	10 FT
43. STOP SIGN	10 FT
44. STOP SIGN	10 FT
45. STOP SIGN	10 FT
46. STOP SIGN	10 FT
47. STOP SIGN	10 FT
48. STOP SIGN	10 FT
49. STOP SIGN	10 FT
50. STOP SIGN	10 FT



NOTES:

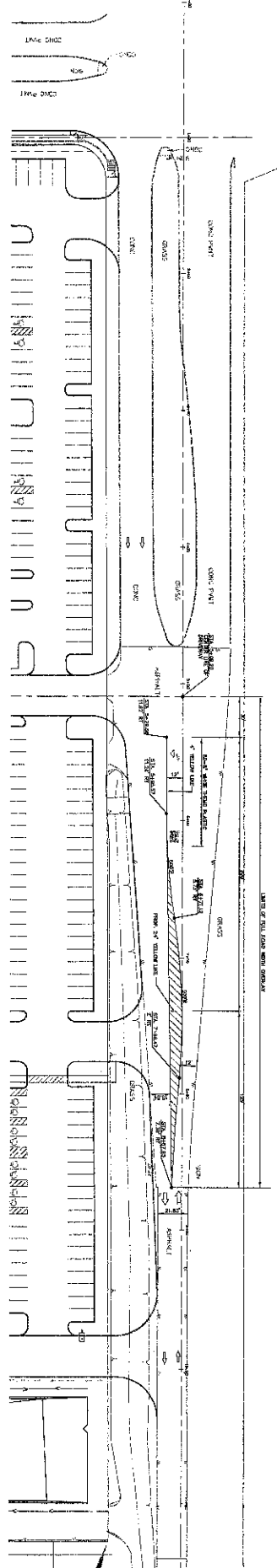
1. THIS TRAFFIC CONTROL PLAN REPRESENTS RESPONSIBILITY FOR CHANGES REQUIRED BY EXISTING FIELD CONDITIONS.
2. THIS TRAFFIC CONTROL PLAN REPRESENTS RESPONSIBILITY FOR CHANGES REQUIRED BY EXISTING FIELD CONDITIONS.
3. THIS TRAFFIC CONTROL PLAN REPRESENTS RESPONSIBILITY FOR CHANGES REQUIRED BY EXISTING FIELD CONDITIONS.

APPROVED:

DATE: 11/15/11

BROWN GASTON-FALCON LANDING 12000 KATY BLVD FORT BEND COUNTY, TEXAS 77449	FORT BEND COUNTY 12000 KATY BLVD FORT BEND COUNTY, TEXAS 77449
TRAFFIC CONTROL PLAN FOR GASTON-FALCON LANDING 12000 KATY BLVD FORT BEND COUNTY, TEXAS 77449	APPROVED: DATE: 11/15/11

KATY-GASTON BLVD
(FROM WEST)



GREENBUSH ROAD
LEFT TURN LANE
(TOP R.O.W.)

- LEGEND**
- ① EXISTING
 - ② PROPOSED
 - ③ REMOVED
 - ④ CONSTRUCTION
 - ⑤ CONSTRUCTION
 - ⑥ CONSTRUCTION
 - ⑦ CONSTRUCTION
 - ⑧ CONSTRUCTION
 - ⑨ CONSTRUCTION
 - ⑩ CONSTRUCTION
 - ⑪ CONSTRUCTION
 - ⑫ CONSTRUCTION
 - ⑬ CONSTRUCTION
 - ⑭ CONSTRUCTION
 - ⑮ CONSTRUCTION
 - ⑯ CONSTRUCTION
 - ⑰ CONSTRUCTION
 - ⑱ CONSTRUCTION
 - ⑲ CONSTRUCTION
 - ⑳ CONSTRUCTION
 - ㉑ CONSTRUCTION
 - ㉒ CONSTRUCTION
 - ㉓ CONSTRUCTION
 - ㉔ CONSTRUCTION
 - ㉕ CONSTRUCTION
 - ㉖ CONSTRUCTION
 - ㉗ CONSTRUCTION
 - ㉘ CONSTRUCTION
 - ㉙ CONSTRUCTION
 - ㉚ CONSTRUCTION
 - ㉛ CONSTRUCTION
 - ㉜ CONSTRUCTION
 - ㉝ CONSTRUCTION
 - ㉞ CONSTRUCTION
 - ㉟ CONSTRUCTION
 - ㊱ CONSTRUCTION
 - ㊲ CONSTRUCTION
 - ㊳ CONSTRUCTION
 - ㊴ CONSTRUCTION
 - ㊵ CONSTRUCTION
 - ㊶ CONSTRUCTION
 - ㊷ CONSTRUCTION
 - ㊸ CONSTRUCTION
 - ㊹ CONSTRUCTION
 - ㊺ CONSTRUCTION

- CONSTRUCTION NOTES - EXPLANATIONS, OPENINGS AND**
1. EXISTING DRIVE AT THE CORNER SHOULD BE MAINTAINED AS SHOWN. PROPOSED DRIVE AT THE CORNER SHOULD BE MAINTAINED AS SHOWN. PROPOSED DRIVE AT THE CORNER SHOULD BE MAINTAINED AS SHOWN. PROPOSED DRIVE AT THE CORNER SHOULD BE MAINTAINED AS SHOWN.
 2. THE PROPOSED DRIVE AT THE CORNER SHOULD BE MAINTAINED AS SHOWN. PROPOSED DRIVE AT THE CORNER SHOULD BE MAINTAINED AS SHOWN. PROPOSED DRIVE AT THE CORNER SHOULD BE MAINTAINED AS SHOWN. PROPOSED DRIVE AT THE CORNER SHOULD BE MAINTAINED AS SHOWN.
 3. THE PROPOSED DRIVE AT THE CORNER SHOULD BE MAINTAINED AS SHOWN. PROPOSED DRIVE AT THE CORNER SHOULD BE MAINTAINED AS SHOWN. PROPOSED DRIVE AT THE CORNER SHOULD BE MAINTAINED AS SHOWN. PROPOSED DRIVE AT THE CORNER SHOULD BE MAINTAINED AS SHOWN.
 4. THE PROPOSED DRIVE AT THE CORNER SHOULD BE MAINTAINED AS SHOWN. PROPOSED DRIVE AT THE CORNER SHOULD BE MAINTAINED AS SHOWN. PROPOSED DRIVE AT THE CORNER SHOULD BE MAINTAINED AS SHOWN. PROPOSED DRIVE AT THE CORNER SHOULD BE MAINTAINED AS SHOWN.
 5. THE PROPOSED DRIVE AT THE CORNER SHOULD BE MAINTAINED AS SHOWN. PROPOSED DRIVE AT THE CORNER SHOULD BE MAINTAINED AS SHOWN. PROPOSED DRIVE AT THE CORNER SHOULD BE MAINTAINED AS SHOWN. PROPOSED DRIVE AT THE CORNER SHOULD BE MAINTAINED AS SHOWN.
 6. THE PROPOSED DRIVE AT THE CORNER SHOULD BE MAINTAINED AS SHOWN. PROPOSED DRIVE AT THE CORNER SHOULD BE MAINTAINED AS SHOWN. PROPOSED DRIVE AT THE CORNER SHOULD BE MAINTAINED AS SHOWN. PROPOSED DRIVE AT THE CORNER SHOULD BE MAINTAINED AS SHOWN.
 7. THE PROPOSED DRIVE AT THE CORNER SHOULD BE MAINTAINED AS SHOWN. PROPOSED DRIVE AT THE CORNER SHOULD BE MAINTAINED AS SHOWN. PROPOSED DRIVE AT THE CORNER SHOULD BE MAINTAINED AS SHOWN. PROPOSED DRIVE AT THE CORNER SHOULD BE MAINTAINED AS SHOWN.
 8. THE PROPOSED DRIVE AT THE CORNER SHOULD BE MAINTAINED AS SHOWN. PROPOSED DRIVE AT THE CORNER SHOULD BE MAINTAINED AS SHOWN. PROPOSED DRIVE AT THE CORNER SHOULD BE MAINTAINED AS SHOWN. PROPOSED DRIVE AT THE CORNER SHOULD BE MAINTAINED AS SHOWN.
 9. THE PROPOSED DRIVE AT THE CORNER SHOULD BE MAINTAINED AS SHOWN. PROPOSED DRIVE AT THE CORNER SHOULD BE MAINTAINED AS SHOWN. PROPOSED DRIVE AT THE CORNER SHOULD BE MAINTAINED AS SHOWN. PROPOSED DRIVE AT THE CORNER SHOULD BE MAINTAINED AS SHOWN.
 10. THE PROPOSED DRIVE AT THE CORNER SHOULD BE MAINTAINED AS SHOWN. PROPOSED DRIVE AT THE CORNER SHOULD BE MAINTAINED AS SHOWN. PROPOSED DRIVE AT THE CORNER SHOULD BE MAINTAINED AS SHOWN. PROPOSED DRIVE AT THE CORNER SHOULD BE MAINTAINED AS SHOWN.

ONE-COAL INSULATION SYSTEM
CALL BEFORE YOU DIG!
800-4-A-SHIELD
www.4ashield.com

APPROVED: [Signature]
DATE: 11/16

ECE
Engineering & Construction
10000 Katy Road, Suite 100
Houston, TX 77058
Tel: 281-415-1100
Fax: 281-415-1101
www.ece-engineers.com

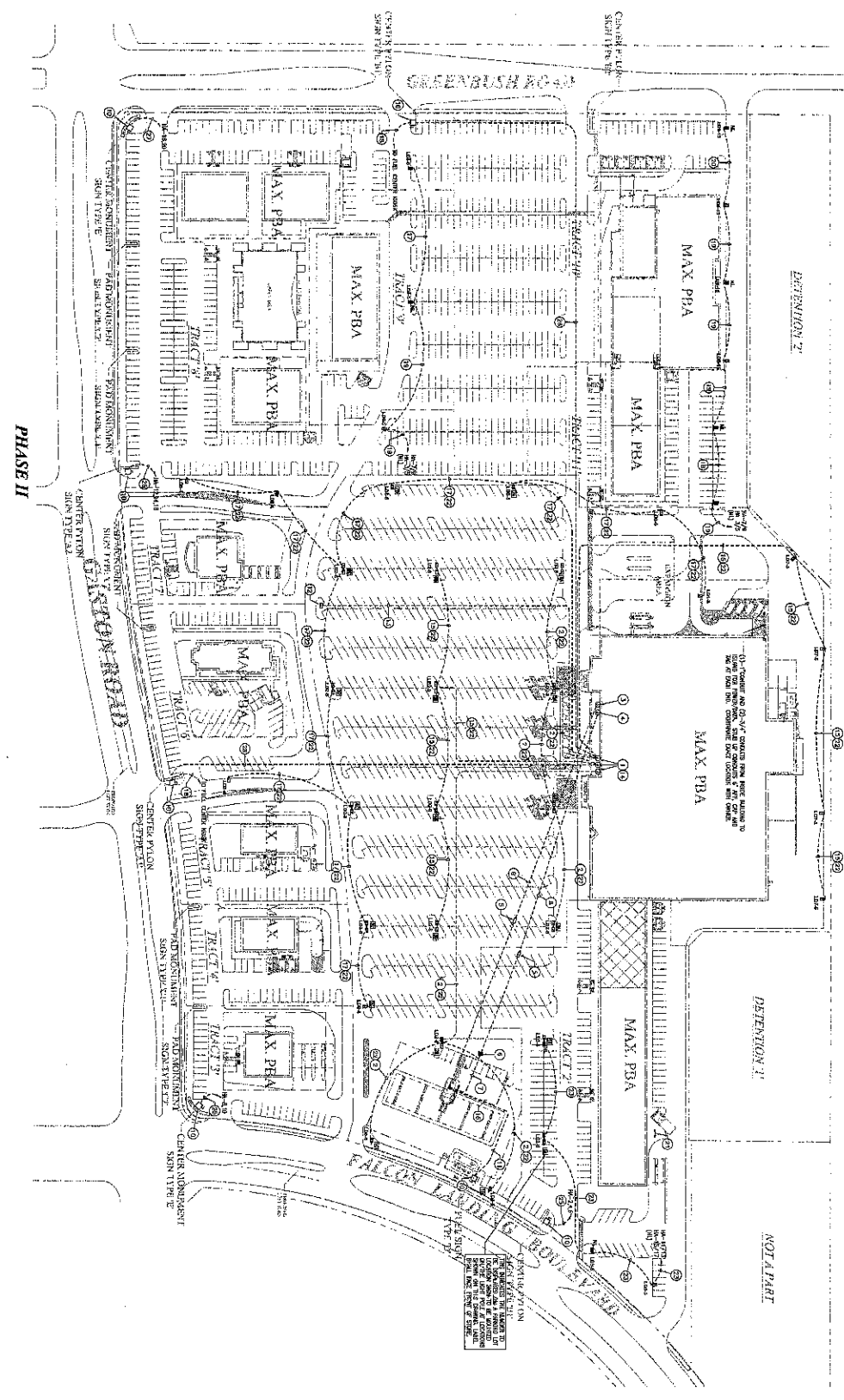
Professional Engineer
State of Texas
No. 10000
Expiration Date: 12/31/2016

Fort Bend County Alld. 180
GASTON FALCON
LANDING RETAIL
KROGER SW121
LEFT TURN LANE
GREENBUSH ROAD

DATE: 11/16

SCALE: AS SHOWN

PROJECT: GASTON FALCON LANDING RETAIL KROGER SW121 LEFT TURN LANE GREENBUSH ROAD



- ELECTRICAL NOTES**
- 1. ALL ELECTRICAL WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE NATIONAL ELECTRICAL CODE (NEC) AND THE NATIONAL FIRE ALARM AND SIGNAL CODE (NFPA 72).
 - 2. ALL ELECTRICAL WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE NATIONAL ELECTRICAL CODE (NEC) AND THE NATIONAL FIRE ALARM AND SIGNAL CODE (NFPA 72).
 - 3. ALL ELECTRICAL WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE NATIONAL ELECTRICAL CODE (NEC) AND THE NATIONAL FIRE ALARM AND SIGNAL CODE (NFPA 72).
 - 4. ALL ELECTRICAL WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE NATIONAL ELECTRICAL CODE (NEC) AND THE NATIONAL FIRE ALARM AND SIGNAL CODE (NFPA 72).
 - 5. ALL ELECTRICAL WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE NATIONAL ELECTRICAL CODE (NEC) AND THE NATIONAL FIRE ALARM AND SIGNAL CODE (NFPA 72).
 - 6. ALL ELECTRICAL WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE NATIONAL ELECTRICAL CODE (NEC) AND THE NATIONAL FIRE ALARM AND SIGNAL CODE (NFPA 72).
 - 7. ALL ELECTRICAL WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE NATIONAL ELECTRICAL CODE (NEC) AND THE NATIONAL FIRE ALARM AND SIGNAL CODE (NFPA 72).
 - 8. ALL ELECTRICAL WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE NATIONAL ELECTRICAL CODE (NEC) AND THE NATIONAL FIRE ALARM AND SIGNAL CODE (NFPA 72).
 - 9. ALL ELECTRICAL WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE NATIONAL ELECTRICAL CODE (NEC) AND THE NATIONAL FIRE ALARM AND SIGNAL CODE (NFPA 72).
 - 10. ALL ELECTRICAL WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE NATIONAL ELECTRICAL CODE (NEC) AND THE NATIONAL FIRE ALARM AND SIGNAL CODE (NFPA 72).
 - 11. ALL ELECTRICAL WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE NATIONAL ELECTRICAL CODE (NEC) AND THE NATIONAL FIRE ALARM AND SIGNAL CODE (NFPA 72).
 - 12. ALL ELECTRICAL WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE NATIONAL ELECTRICAL CODE (NEC) AND THE NATIONAL FIRE ALARM AND SIGNAL CODE (NFPA 72).
 - 13. ALL ELECTRICAL WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE NATIONAL ELECTRICAL CODE (NEC) AND THE NATIONAL FIRE ALARM AND SIGNAL CODE (NFPA 72).
 - 14. ALL ELECTRICAL WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE NATIONAL ELECTRICAL CODE (NEC) AND THE NATIONAL FIRE ALARM AND SIGNAL CODE (NFPA 72).
 - 15. ALL ELECTRICAL WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE NATIONAL ELECTRICAL CODE (NEC) AND THE NATIONAL FIRE ALARM AND SIGNAL CODE (NFPA 72).
 - 16. ALL ELECTRICAL WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE NATIONAL ELECTRICAL CODE (NEC) AND THE NATIONAL FIRE ALARM AND SIGNAL CODE (NFPA 72).
 - 17. ALL ELECTRICAL WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE NATIONAL ELECTRICAL CODE (NEC) AND THE NATIONAL FIRE ALARM AND SIGNAL CODE (NFPA 72).
 - 18. ALL ELECTRICAL WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE NATIONAL ELECTRICAL CODE (NEC) AND THE NATIONAL FIRE ALARM AND SIGNAL CODE (NFPA 72).
 - 19. ALL ELECTRICAL WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE NATIONAL ELECTRICAL CODE (NEC) AND THE NATIONAL FIRE ALARM AND SIGNAL CODE (NFPA 72).
 - 20. ALL ELECTRICAL WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE NATIONAL ELECTRICAL CODE (NEC) AND THE NATIONAL FIRE ALARM AND SIGNAL CODE (NFPA 72).

NOT A PART

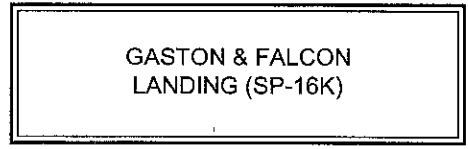
PHASE II
ELECTRICAL SITE PLAN



E1.0
ELECTRICAL
SITE PLAN

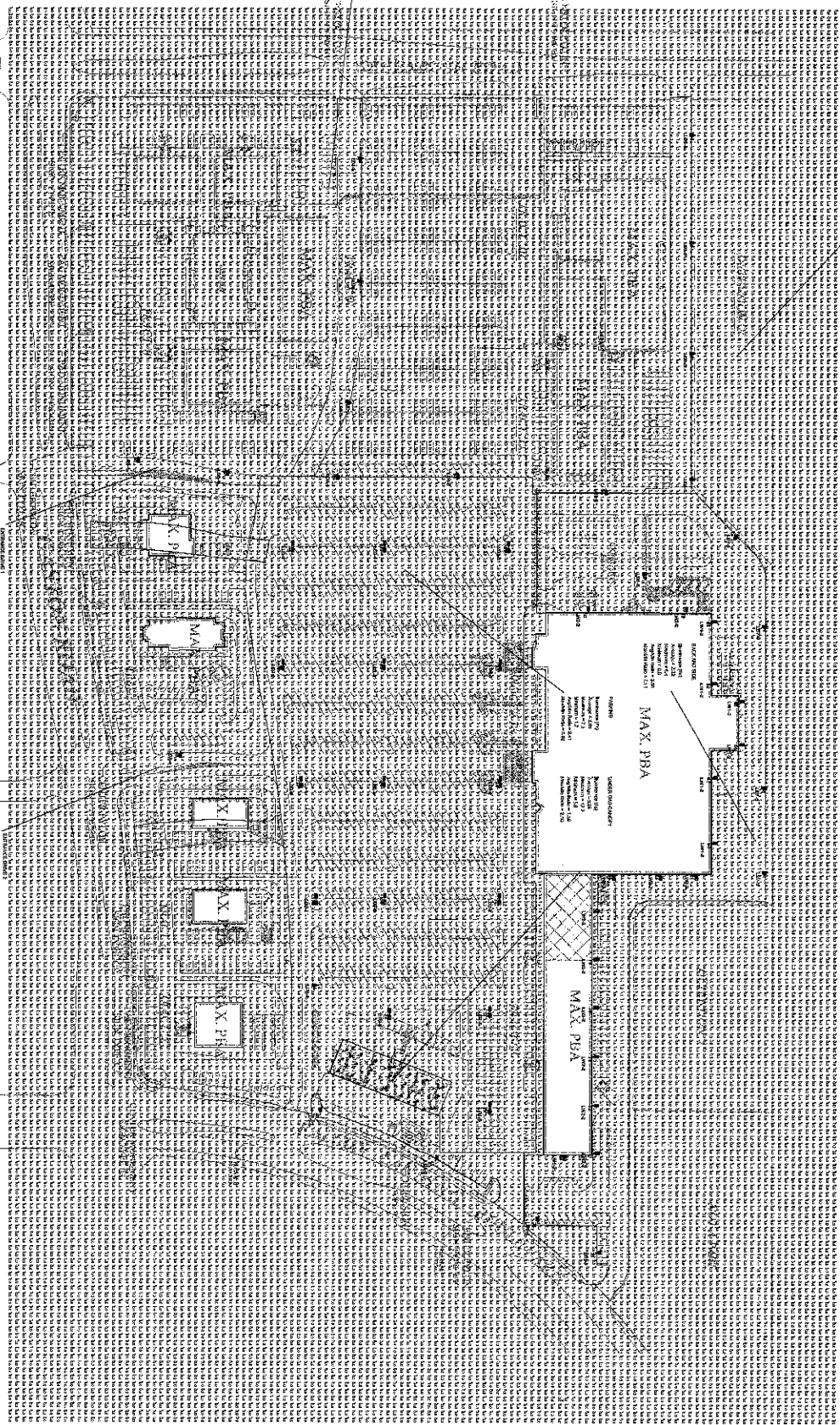
KMESALASOBRIEN
1918 W. Sam Houston Parkway S., Suite 100
Houston, Texas 77064
281.684.4007 / Registration No. E-4111

**GASTON & FALCON
LANDING (SP-16K)**



Project No.	316-551100
Created By	12102715
Revision No.	12102715
Revision Description	

Project No.	316-551100
Created By	12102715
Revision No.	12102715
Revision Description	



PHASE II

ELECTRICAL PHOTOMETRIC SITE PLAN

Component	Quantity	Height	Beam Spread	Footcandle	Footcandle	Footcandle	Footcandle	Footcandle
Component 1	10	10	10	10	10	10	10	10
Component 2	20	20	20	20	20	20	20	20
Component 3	30	30	30	30	30	30	30	30
Component 4	40	40	40	40	40	40	40	40
Component 5	50	50	50	50	50	50	50	50
Component 6	60	60	60	60	60	60	60	60
Component 7	70	70	70	70	70	70	70	70
Component 8	80	80	80	80	80	80	80	80
Component 9	90	90	90	90	90	90	90	90
Component 10	100	100	100	100	100	100	100	100

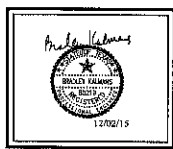
Symbol	Qty	Label	Manufacturer	Lot #	Footcandle	Footcandle	Footcandle	Footcandle	Footcandle
1	1	1	1	1	1	1	1	1	1
2	2	2	2	2	2	2	2	2	2
3	3	3	3	3	3	3	3	3	3
4	4	4	4	4	4	4	4	4	4
5	5	5	5	5	5	5	5	5	5
6	6	6	6	6	6	6	6	6	6
7	7	7	7	7	7	7	7	7	7
8	8	8	8	8	8	8	8	8	8
9	9	9	9	9	9	9	9	9	9
10	10	10	10	10	10	10	10	10	10

E1.1

ELECTRICAL PHOTOMETRIC SITE PLAN

KMESALASOBRIEN
 Illumination & Lighting Solutions
 15000 W. Loop West, Suite 1000
 Houston, TX 77056
 281.664.1000 | Registration No. P-4111

GASTON & FALCON LANDING (SP-16K)



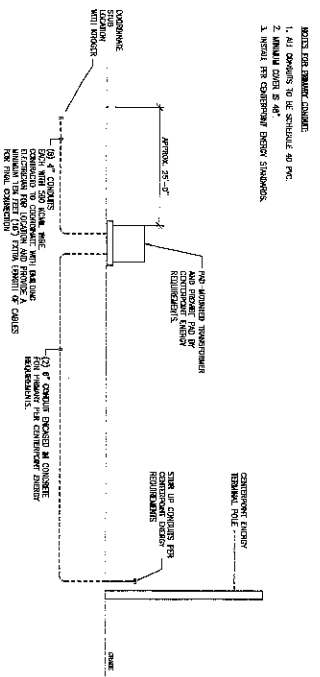
Project No: 12-2015-001
 Drawing No: 12-2015-001
 Date: 12/22/15
 Revision: 1.00
 12/22/2015 - 00 SET

PARKING LOT LIGHT FIXTURE SCHEDULE

TYPE	MANUFACTURER	NUMBER OF FIXTURES PER FOOT	LAMPS	WATTS	FOOT CANDLE (FC) / FEET/INCHES
LD1-8	JOHNSON DESIGN L1D-400-200-2Z	1	LED	400	JOHNSON DESIGN L1D-400-200-2Z
LD2-6	JOHNSON DESIGN L1D-400-200-2Z	2	LED	400	JOHNSON DESIGN L1D-400-200-2Z
LD3-4	JOHNSON DESIGN L1D-400-200-2Z	2	LED	400	JOHNSON DESIGN L1D-400-200-2Z
LD4-5	JOHNSON DESIGN L1D-400-200-2Z	1	LED	400	JOHNSON DESIGN L1D-400-200-2Z
LD5-6	JOHNSON DESIGN L1D-400-200-2Z	1	LED	400	JOHNSON DESIGN L1D-400-200-2Z
LD6-4	JOHNSON DESIGN L1D-400-200-2Z	1	LED	400	JOHNSON DESIGN L1D-400-200-2Z
LD7-5	JOHNSON DESIGN L1D-400-200-2Z	1	LED	400	JOHNSON DESIGN L1D-400-200-2Z
LD8-6	JOHNSON DESIGN L1D-400-200-2Z	1	LED	400	JOHNSON DESIGN L1D-400-200-2Z
LD9-6	JOHNSON DESIGN L1D-400-200-2Z	1	LED	400	JOHNSON DESIGN L1D-400-200-2Z
LD10-6	JOHNSON DESIGN L1D-400-200-2Z	1	LED	400	JOHNSON DESIGN L1D-400-200-2Z
LD11-6	JOHNSON DESIGN L1D-400-200-2Z	1	LED	400	JOHNSON DESIGN L1D-400-200-2Z

- NOTES:**
1. PROVIDE IN-PAVE FIXTURES IN ALL PAVE AREAS.
 2. FIXTURE SHALL BE DESIGNED TO WITHSTAND 120 MPH WIND SPEED AS REQUIRED IN WIND LOAD 101.10C.
 3. THE PAVE BASE SHALL BE 12" THICK.
 4. PROVIDE ALL REQUIRED MOUNTING BRACKETS PER MANUFACTURER'S RECOMMENDATION OF Poles AND BRACKETS.
 5. ALL FIXTURES, POLES, BRACKETS, ETC. TO BE DARK FINISH.
 6. ALL THE LIGHTING FIXTURES, POLES, BRACKETS, ETC. SHALL BE PROVIDED FOR CONCRETE BASED WITHIN 3000 TO BE PROVIDED BY ARCHITECT. PROVIDE AND INSTALL AN ELECTRICAL CONNECTION, ALLOW 6-8 FEET CLEARANCE IN THE NEARBY OF LIGHTING FIXTURES. ALL WIRING SHALL BE PROVIDED BY THE ELECTRICAL CONTRACTOR. PROVIDE ALL THE LIGHTING FIXTURES, POLES, BRACKETS, ETC. TO BE PROVIDED BY ARCHITECT. PROVIDE AND INSTALL AN ELECTRICAL CONNECTION, ALLOW 6-8 FEET CLEARANCE IN THE NEARBY OF LIGHTING FIXTURES.

ONE LINE DIAGRAM - CROSSER

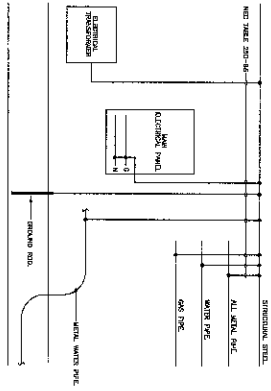


- NOTES FOR ONE LINE DIAGRAM:**
1. ALL CONNECTIONS TO BE MADE TO THE TRANSFORMER.
 2. PROVIDE ALL REQUIRED MOUNTING BRACKETS PER MANUFACTURER'S RECOMMENDATION OF Poles AND BRACKETS.
 3. THE PAVE BASE SHALL BE 12" THICK.

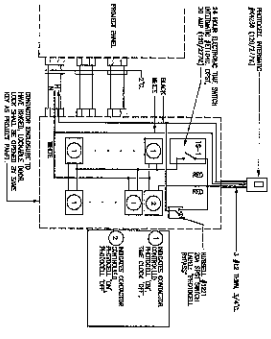
SYMBOL SCHEDULE

SYMBOL	DESCRIPTION	NOTES
LD1-8	JOHNSON DESIGN L1D-400-200-2Z	1
LD2-6	JOHNSON DESIGN L1D-400-200-2Z	2
LD3-4	JOHNSON DESIGN L1D-400-200-2Z	2
LD4-5	JOHNSON DESIGN L1D-400-200-2Z	1
LD5-6	JOHNSON DESIGN L1D-400-200-2Z	1
LD6-4	JOHNSON DESIGN L1D-400-200-2Z	1
LD7-5	JOHNSON DESIGN L1D-400-200-2Z	1
LD8-6	JOHNSON DESIGN L1D-400-200-2Z	1
LD9-6	JOHNSON DESIGN L1D-400-200-2Z	1
LD10-6	JOHNSON DESIGN L1D-400-200-2Z	1
LD11-6	JOHNSON DESIGN L1D-400-200-2Z	1

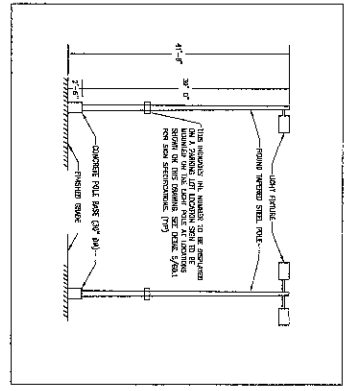
TRANSFORMER GROUNDING



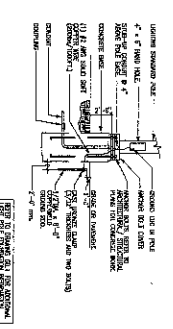
LIGHTING CONTROL DIAGRAM



SITE LIGHTING DETAIL



POLE BASE DETAIL



- NOTES FOR POLE BASE DETAIL:**
1. PROVIDE ALL REQUIRED MOUNTING BRACKETS PER MANUFACTURER'S RECOMMENDATION OF Poles AND BRACKETS.
 2. THE PAVE BASE SHALL BE 12" THICK.

Project: 315-151100
 Checked By: 12/02/15
 Date: 12/02/15
 Revision: BID SET

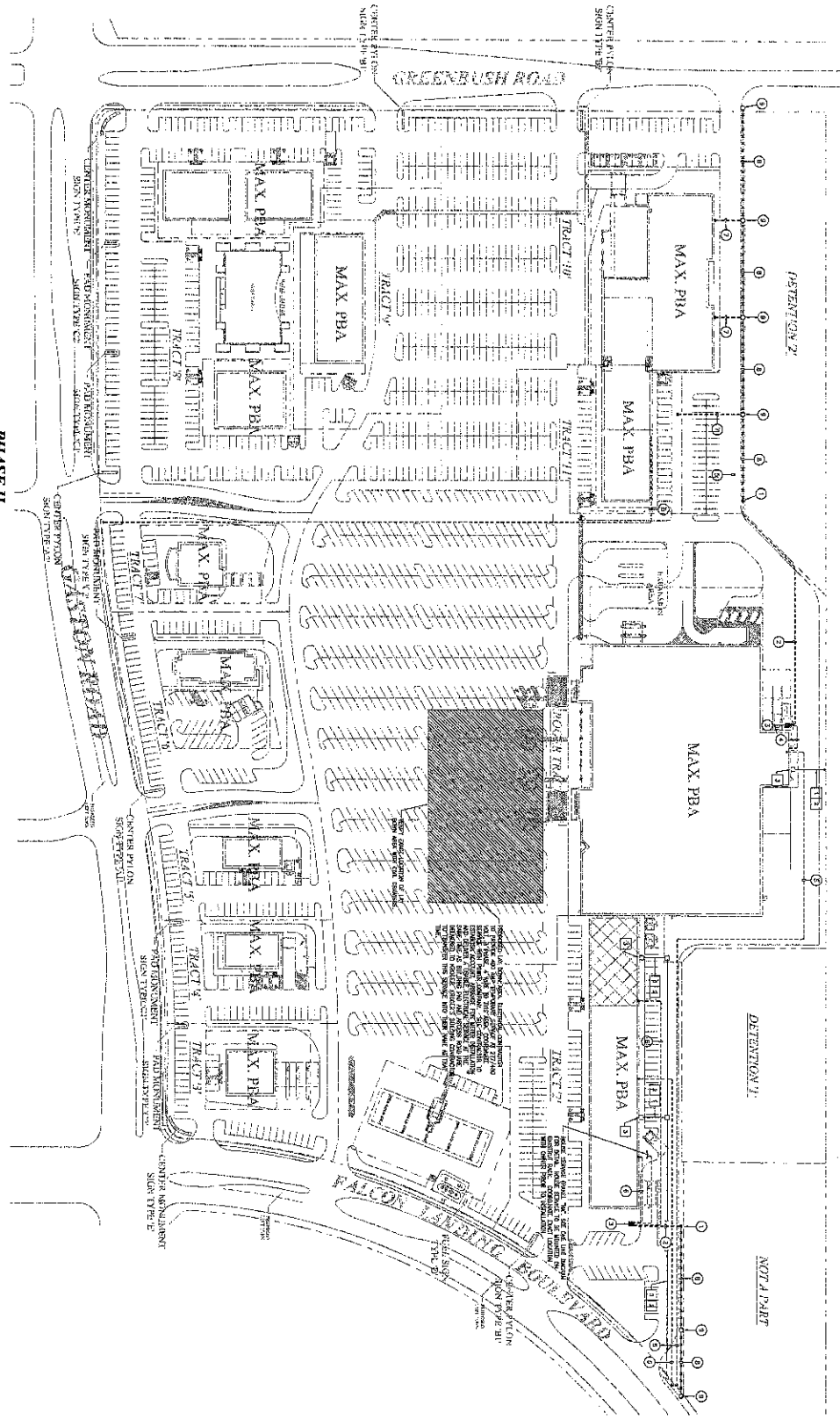


GASTON & FALCON
LANDING (SP-16K)

KMASIASOBRIEN
 Houston | Dallas | Fort Worth | Dallas | Phoenix
 10200 W. Sam Houston Parkway N., Suite 1000
 Houston, TX 77060-2200
 Tel: 281.440.1000 | Fax: 281.440.1001

ONE LINE
 ELECTRICAL SCHEDULES
 NOTES AND DETAILS

E2.0



PHASE II

⊗ ELECTRICAL / PLUMBING SITE PLAN

- PLUMBING NOTES**
- 1. SEE PLAN FOR ALL PLUMBING SYMBOLS.
 - 2. THE SET CONTAINS THE PLUMBING SYMBOLS FOR ALL PLUMBING SYMBOLS. THE SYMBOLS ARE TO BE USED AS SHOWN. THE SYMBOLS ARE TO BE USED AS SHOWN. THE SYMBOLS ARE TO BE USED AS SHOWN.
 - 3. SEE PLAN FOR ALL PLUMBING SYMBOLS.
 - 4. SEE PLAN FOR ALL PLUMBING SYMBOLS.

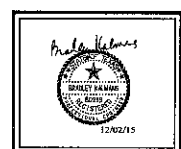
- ELECTRICAL NOTES**
- 1. SEE PLAN FOR ALL ELECTRICAL SYMBOLS.
 - 2. THE SET CONTAINS THE ELECTRICAL SYMBOLS FOR ALL ELECTRICAL SYMBOLS. THE SYMBOLS ARE TO BE USED AS SHOWN. THE SYMBOLS ARE TO BE USED AS SHOWN.
 - 3. SEE PLAN FOR ALL ELECTRICAL SYMBOLS.
 - 4. SEE PLAN FOR ALL ELECTRICAL SYMBOLS.
 - 5. SEE PLAN FOR ALL ELECTRICAL SYMBOLS.
 - 6. SEE PLAN FOR ALL ELECTRICAL SYMBOLS.
 - 7. SEE PLAN FOR ALL ELECTRICAL SYMBOLS.
 - 8. SEE PLAN FOR ALL ELECTRICAL SYMBOLS.
 - 9. SEE PLAN FOR ALL ELECTRICAL SYMBOLS.
 - 10. SEE PLAN FOR ALL ELECTRICAL SYMBOLS.

EP1.0
ELECTRICAL/PLUMBING
SITE PLAN

12/16

KMESALASOBRIEN
Houston | Dallas | Ft. Worth | Baton Rouge
10000 W. Sam Houston Parkway N., Suite 900
The Woodlands, Texas 77380
281.466.1000 | 1-800-393-6644

GASTON & FALCON
LANDING (SP-16K)



Project No.	315-151180
Drawn By	
Checked By	
Date	12/02/15
Revision No.	
12/02/2015	BIM SET

DEPARTMENT OF PLANNING & DEVELOPMENT
CITY OF HOUSTON

LANDSCAPE MAINTENANCE FORM

Non-Standard Activity Worksheet
1. TRACT AND SHEET PLANNING IDENTIFICATION

TRACT	TRACT NAME	TRACT AREA (AC)	TRACT TYPE	TRACT NUMBER	TRACT SHEET NUMBER
1	DETECTION 1/1	477.28	Commercial	1	1
2	DETECTION 2/1	1.28	Commercial	2	1

2. Activity Description (Check all that apply)

Activity	Frequency	Notes
Watering	Weekly	
Mowing	Weekly	
Trimming	Weekly	
Pruning	Weekly	
Planting	As needed	
Soil Amendment	As needed	
Other		

3. Date of Work: 10/27/2015

4. Location: 102,473 S.F. (DETECTION 1/1) and 1.28 AC (DETECTION 2/1)

5. Project Name: STABLESIDE AT FALCON LANDING RETAIL

6. Client: CMC (2015) 102,473 S.F. (DETECTION 1/1) and 1.28 AC (DETECTION 2/1)

7. Project Address: 102,473 S.F. (DETECTION 1/1) and 1.28 AC (DETECTION 2/1)

8. Project Manager: [Name]

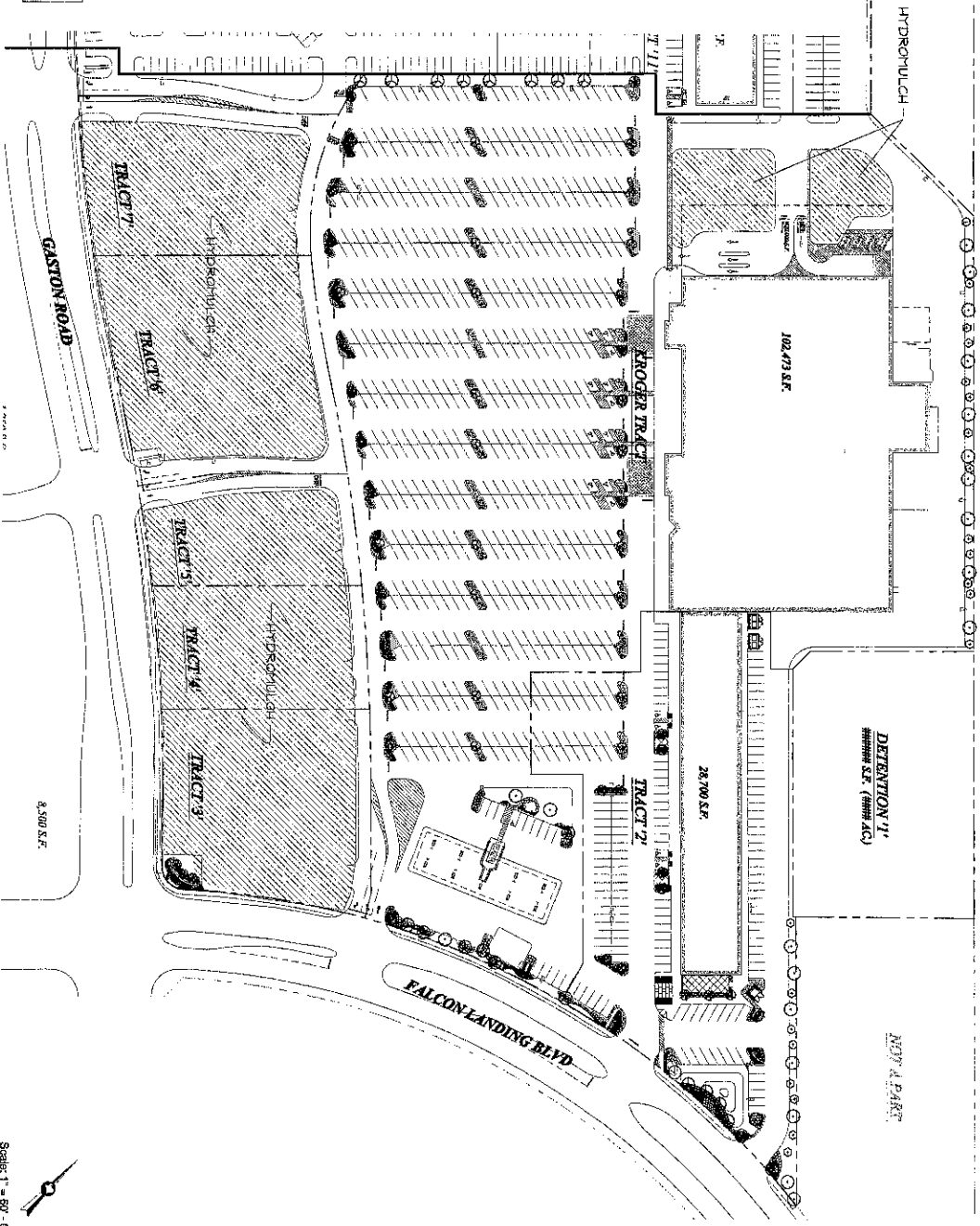
9. Project Engineer: [Name]

10. Project Designer: [Name]

11. Project Checker: [Name]

12. Project Approver: [Name]

IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO WATER THE HYDROZULCH AREAS NOT COVERED WITH THE TRACT'S IRRIGATION SYSTEM TO ENSURE SOILS REMAIN MOIST. USE HYDROZULCH SPECIFICATIONS.



- ### SHEET INDEX
- L-1 OVERALL LANDSCAPE PLAN
 - L-2 SITE LANDSCAPE PLAN
 - L-3 SITE LANDSCAPE PLAN
 - L-4 SITE LANDSCAPE PLAN
 - L-5 SITE LANDSCAPE PLAN
 - L-6 PLANTING ISLANDS LANDSCAPE PLAN
 - L-7 PLANT LIST & DETAILS
 - L-8 KROGER TRACT SPECIFICATIONS
 - L-9 TRACT 2 SPECIFICATIONS
 - IR-1 OVERALL IRRIGATION PLAN
 - IR-2 SITE IRRIGATION PLAN
 - IR-3 SITE IRRIGATION PLAN
 - IR-4 SITE IRRIGATION PLAN
 - IR-5 SITE IRRIGATION PLAN
 - IR-6 IRRIGATION DETAILS
 - IR-7 TRACT 1 IRRIGATION DETAILS
 - IR-8 TRACT 1 IRRIGATION SPECIFICATIONS
 - IR-9 TRACT 2 IRRIGATION SPECIFICATIONS

Scale: 1" = 50' - 0"

L-1

Overall Landscape Plan

Job No.: 112-15-002

Scale: 1" = 50' - 0"

Date: OCT 15, 2015

Revised: [None]

Author: [None]

Drawn: [None]

Check: [None]

Approved: [None]

Project Name: STABLESIDE AT FALCON LANDING RETAIL

Project Address: 102,473 S.F. (DETECTION 1/1) and 1.28 AC (DETECTION 2/1)

Stableside at Falcon Landing Retail

Landscape Improvements

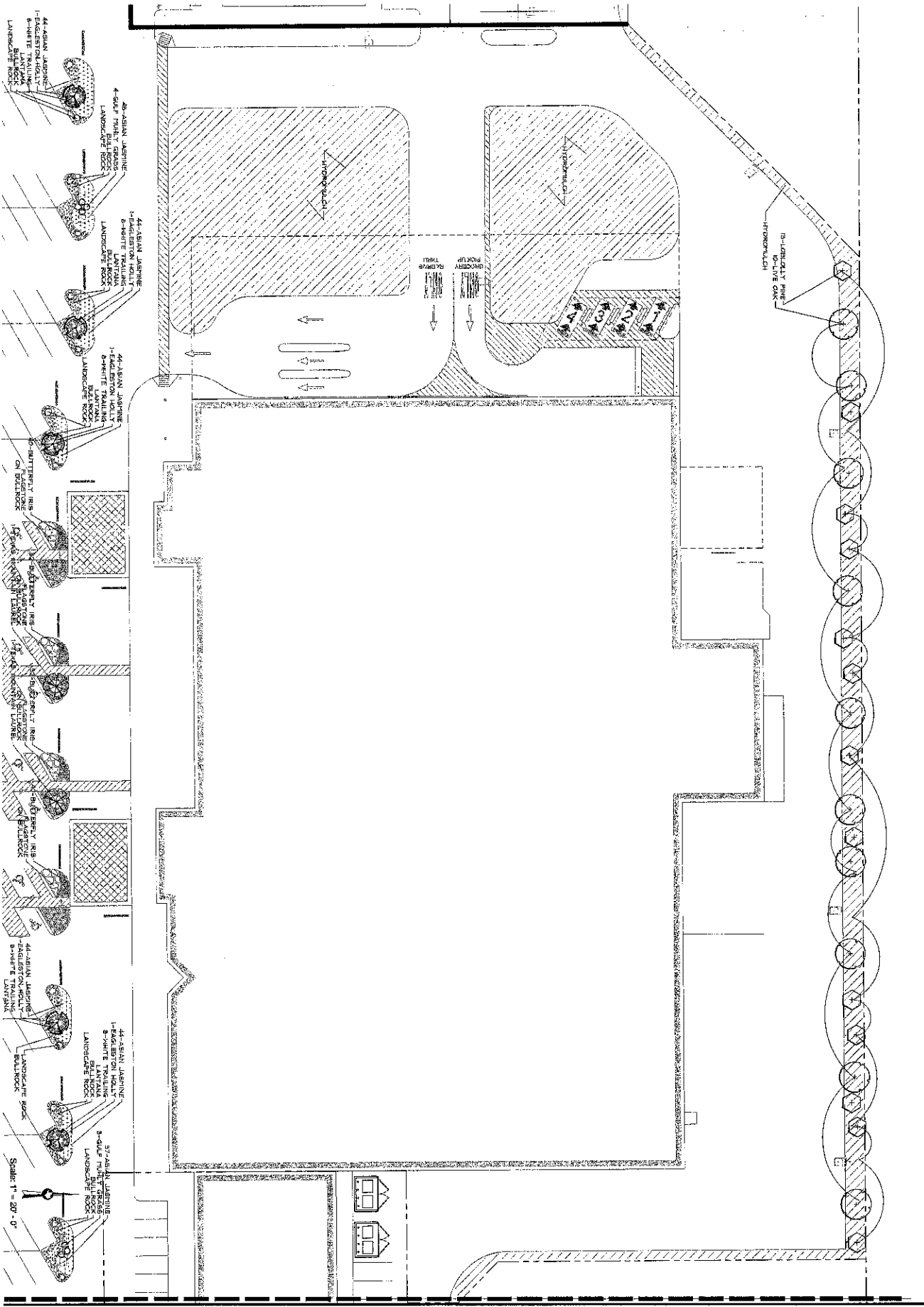
Katy, TX



CMB
LANDSCAPE ARCHITECTURE

14155 FM 382
Houston, TX 77060
832-458-1299

Contract: 102,473 S.F. (DETECTION 1/1) and 1.28 AC (DETECTION 2/1)



Job No.	19-15-018
Date	11-15-2018
Scale	1" = 20' - 0"
Client	HOK'S CONSULTANTS
Project	19-15-018
Sheet	1 of 2
Drawn	11/15/2018
Checked	11/15/2018
Approved	11/15/2018

Stableside at Falcon Landing Retail

Landscape Improvements

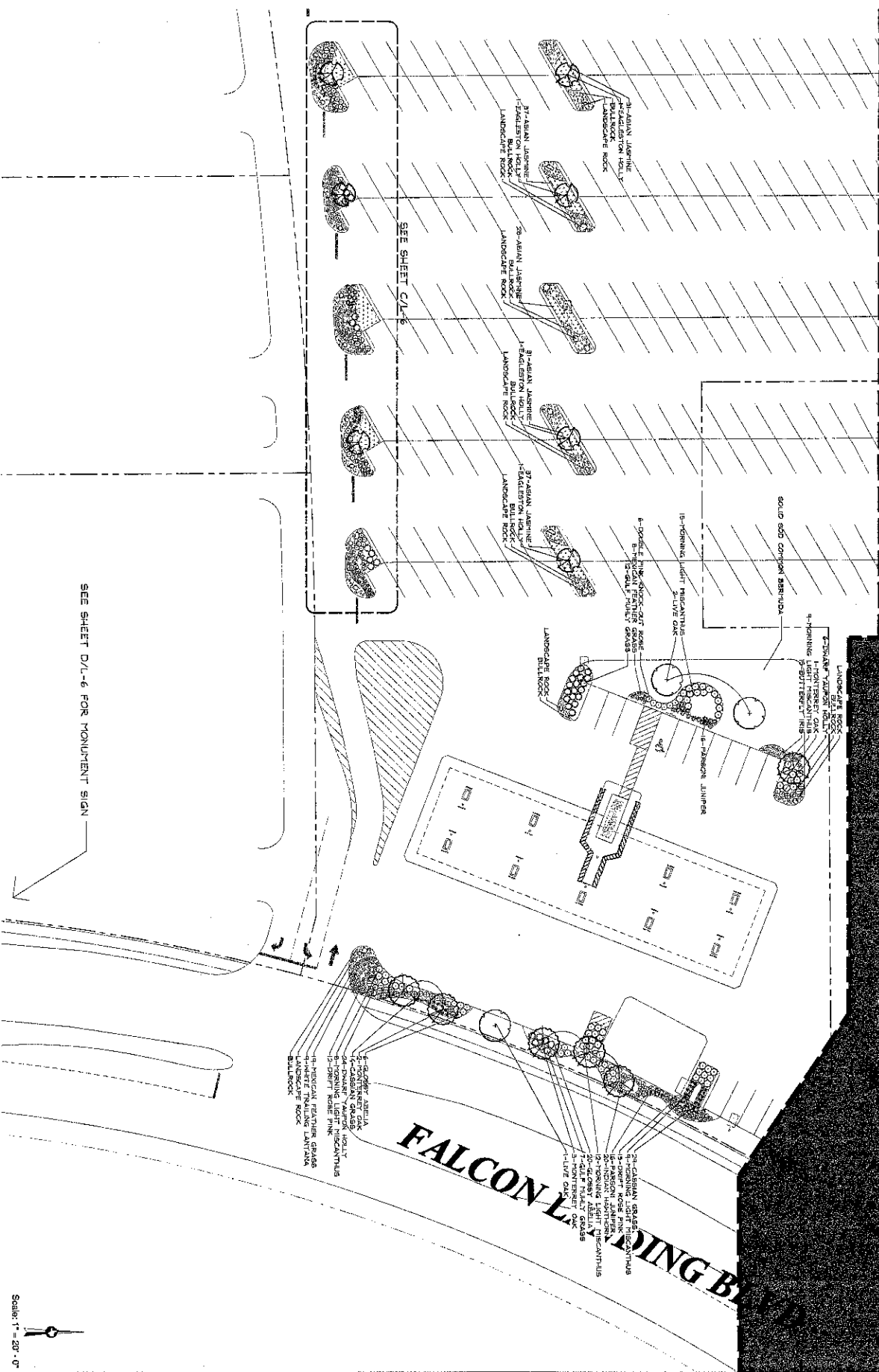
Katy, TX



CMB
 LANDSCAPE
 ARCHITECTURE
 1815 FM 592
 Houston, TX 77050
 281-497-1200
 281-497-1205
 www.cmb-arch.com
 10000 Katy Road, Suite 100
 Katy, TX 77450

L-2

Site Landscape Plan



Scale: 1" = 20'-0"

Job No.	17-10-20
Date	10/1/17
Scale	1" = 20'-0"
Drawn	10/1/17
Checked	10/1/17
Project	Stableside at Falcon Landing Retail
Site	17-10-20
Sheet	L-5

Stableside at Falcon Landing Retail

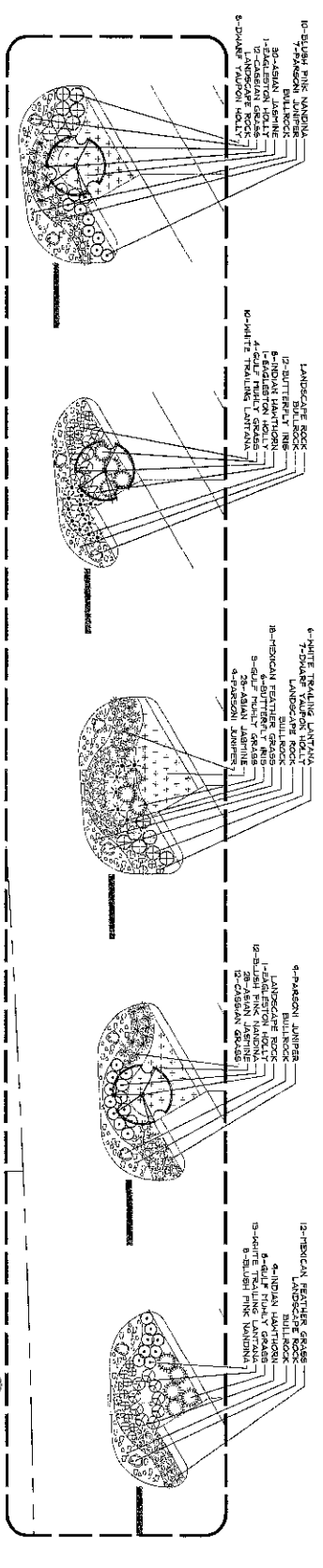
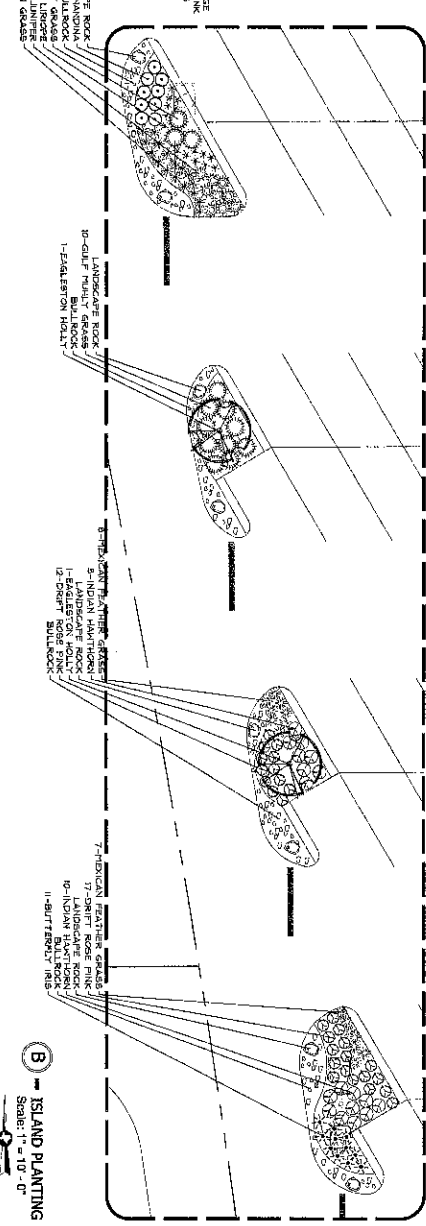
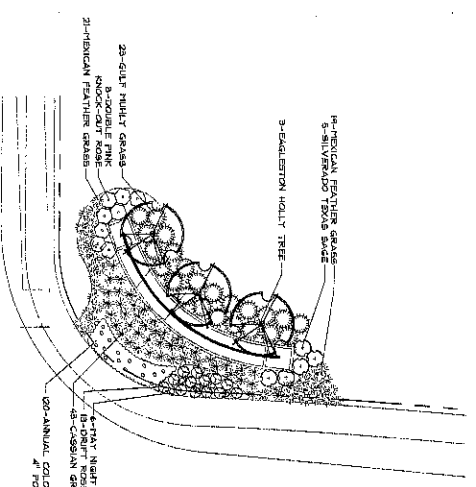
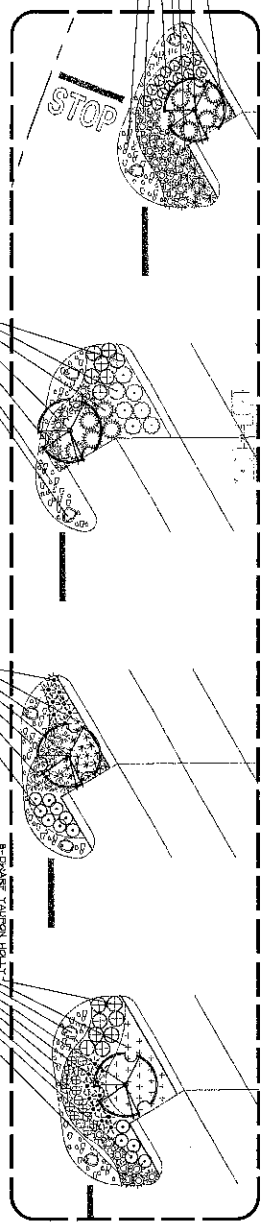
Landscape Improvements

Katy, TX



CMB
LANDSCAPE ARCHITECTURE
 14525 FM 362
 Houston, TX 77060
 281-480-2889
 281-480-2890
 www.cmb-land.com

- 7-DWARF YARROW GRASS
- 14-CASAHN GRASS
- 13-PINK SPIDER PLUM
- 12-PANONIA BULLOCK



CONTRACTOR SHALL PREPARE TAKEOFF FROM THE PLANT QUANTITIES LIST AND SUBMIT TO ARCHITECT FOR REVIEW AND APPROVAL. QUANTITIES SHALL BE HELD ACCOUNTABLE FOR QUANTITIES FROM THE PLAN.

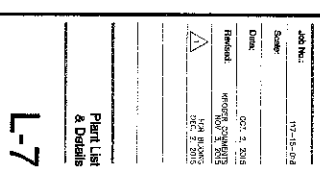
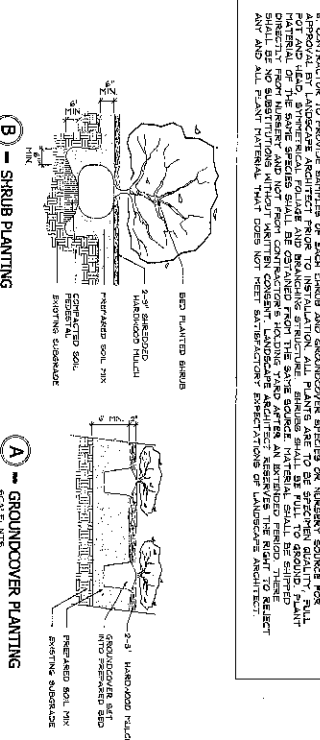
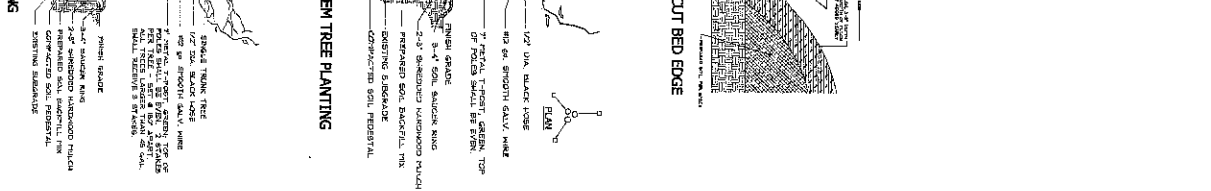
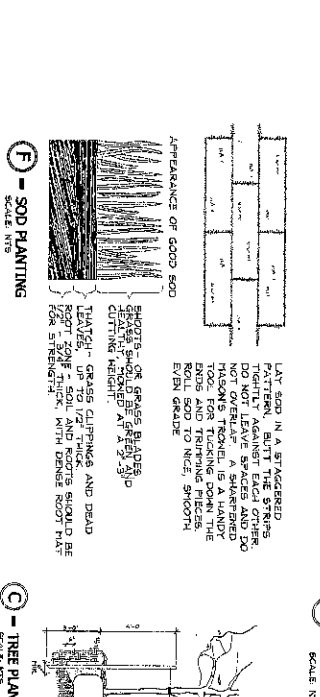
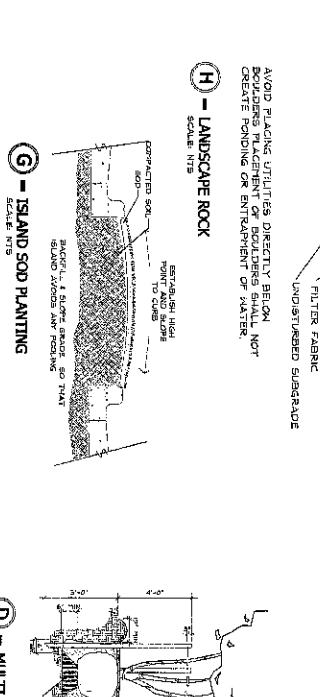
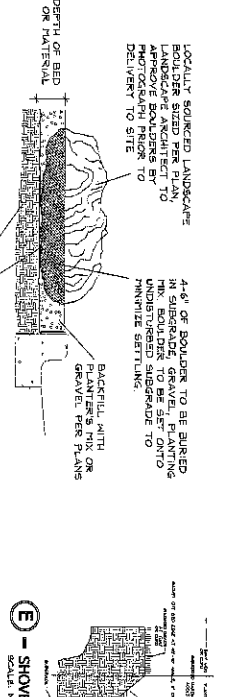
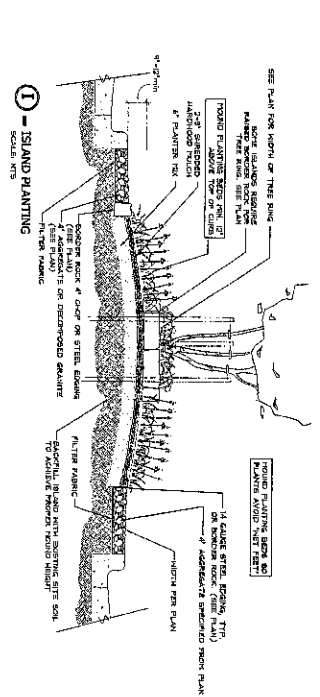
PLANT LIST

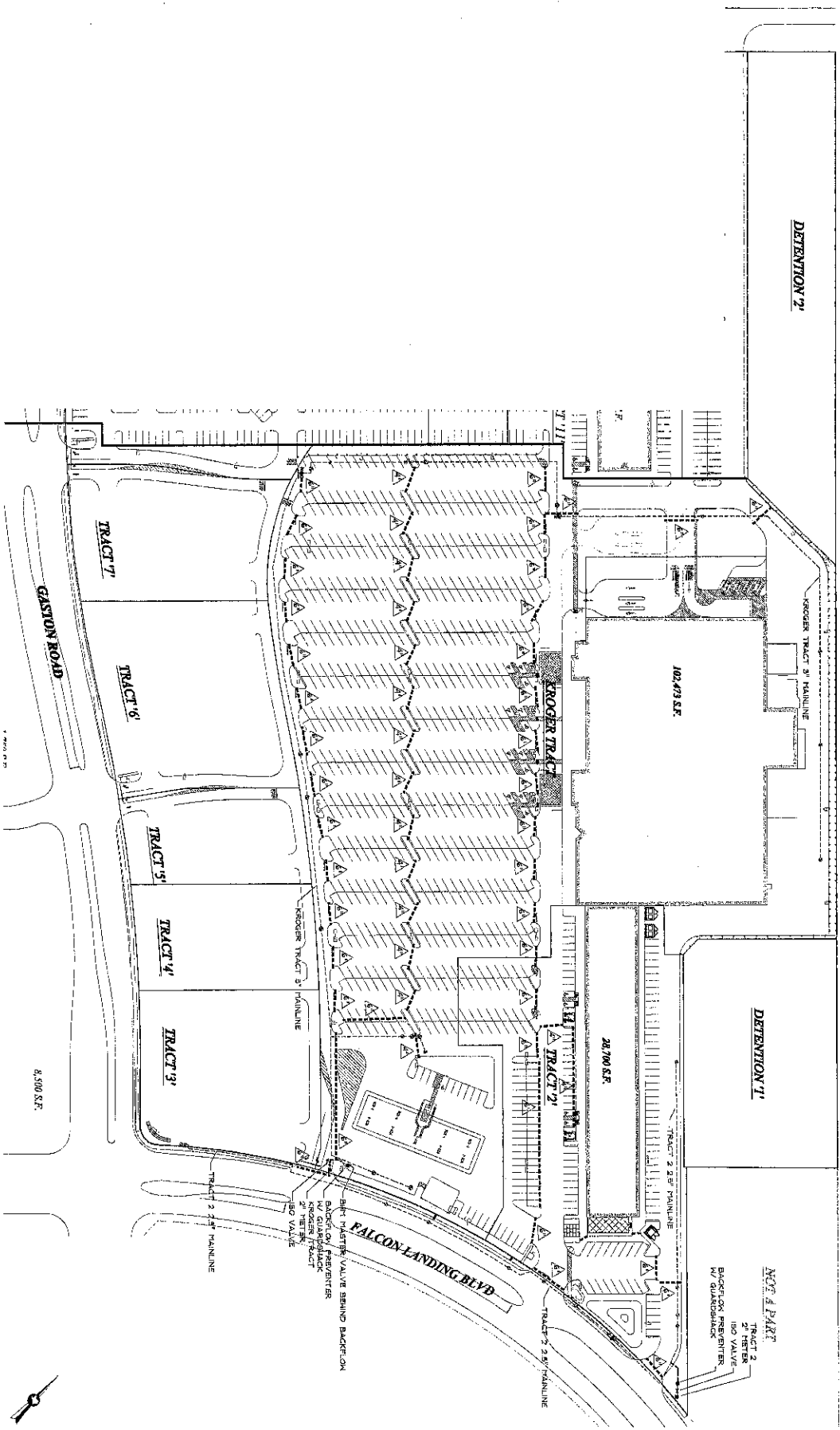
SYMBOL	QTY	COMMON NAME	SCIENTIFIC NAME	SIZE	REMARKS
19	1	HOOP PINE	Parsonsia litoralis	60 gal	3" CAL. 10-11" 7-8" SPREAD, SPECIMEN
27	1	LIVE OAK	Quercus virginiana	60 gal	3" CAL. 10-11" 7-8" SPREAD, SPECIMEN
3	1	TEXAS MOUNTAIN LAUREL	Laurel nymphaea	48 gal	3" CAL. 10-11" 7-8" SPREAD, SPECIMEN
34	1	EXETERIA HOLLY	Exeteria holleyana	48 gal	3" CAL. 10-11" 7-8" SPREAD, SPECIMEN
21	1	VERBENA	Verbena officinalis	48 gal	3" CAL. 10-11" 7-8" SPREAD, SPECIMEN
14	1	DOYER PINE	Taxus canadensis	48 gal	3" CAL. 10-11" 7-8" SPREAD, SPECIMEN
89	1	DOYER PINE	Taxus canadensis	48 gal	3" CAL. 10-11" 7-8" SPREAD, SPECIMEN
71	1	DOYER PINE	Taxus canadensis	48 gal	3" CAL. 10-11" 7-8" SPREAD, SPECIMEN
5	1	ALYSSUM	Alyssum maritimum	48 gal	3" CAL. 10-11" 7-8" SPREAD, SPECIMEN
31	1	GLORY AILEA	Glory Ailea	48 gal	3" CAL. 10-11" 7-8" SPREAD, SPECIMEN
18	1	INDIAN SANDALWOOD	Santalum album	48 gal	3" CAL. 10-11" 7-8" SPREAD, SPECIMEN
69	1	BLUSH PINE	Pinus strobus	48 gal	3" CAL. 10-11" 7-8" SPREAD, SPECIMEN
44	1	PERSON JAMBER	Person jamber	48 gal	3" CAL. 10-11" 7-8" SPREAD, SPECIMEN
270	1	CASABIAN GRASS	Casabian grass	48 gal	3" CAL. 10-11" 7-8" SPREAD, SPECIMEN
166	1	DRIFT ROSE	Rosa rugosa	48 gal	3" CAL. 10-11" 7-8" SPREAD, SPECIMEN
209	1	HICKORY	Hicoria	48 gal	3" CAL. 10-11" 7-8" SPREAD, SPECIMEN
291	1	BUTTERFLY	Butterfly	48 gal	3" CAL. 10-11" 7-8" SPREAD, SPECIMEN
18	1	TRICE	Trice	48 gal	3" CAL. 10-11" 7-8" SPREAD, SPECIMEN
31	1	QUANT	Quant	48 gal	3" CAL. 10-11" 7-8" SPREAD, SPECIMEN
49	1	ASIAN JASMINE	Asiaticum	48 gal	3" CAL. 10-11" 7-8" SPREAD, SPECIMEN

ALL AGGREGATE SHALL BE SILLURK 3"-4" AGGREGATE AND LANDSCAPE ROCK TO BE 100% ROCK VARYING IN SIZE FROM 1/2" TO 1 1/2". LARGER ROCK SHALL BE IN TORN PATTERN AND PROVIDED AS DECORATIVE IN OTHER AREAS.

NOTES

1. MARK SCHEDULING CONTRACTOR SHALL SCHEDULE A PRECONSTRUCTION MEETING WITH LANDSCAPE ARCHITECT AND CONTRACTOR TO DISCUSS THE PROJECT AND REVIEW THE PLANT LIST AND TAKEOFF.
2. CONTRACTOR SHALL VERIFY FOR AND SECURE ALL REQUIRED PERMITS FROM THE CITY OF HOUSTON.
3. CONTRACTOR SHALL VERIFY ALL UNDERGROUND UTILITIES (ELECTRIC, GAS, WATER, SEWER, TELEPHONE, CABLE, ETC.) PRIOR TO CONSTRUCTION. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND FOR PROTECTING ALL UTILITIES.
4. CONTRACTOR SHALL NOT INTERRUPT PROJECT WITH CONSTRUCTION AS DESIGNED UNLESS IT IS CRITICAL THAT UNUSUAL OBSTRUCTIONS AND/OR GRADE DIFFERENCES EXIST THAT HAVE NOT BEEN FORESEEN IN THE DESIGN. CONTRACTOR SHALL NOTIFY ARCHITECT IMMEDIATELY OF ANY SUCH OBSTRUCTIONS AND/OR DIFFERENCES.
5. CONTRACTOR SHALL SUBMIT ALL WORK WITH OTHER SUBCONTRACTORS ON THE JOB SITE AS REQUIRED TO COMPLETE CONSTRUCTION.
6. CONTRACTOR TO PROVIDE SAMPLES OF EACH GRADE AND GROUND COVER SPECIES OR NUMBER SOURCE FOR POTENTIAL AND IDENTIFY SPECIES TO BE PLANTED. ALL PLANTS ARE TO BE SPECIFIC QUALITY FULLY GROWN AND HEALTHY. CONTRACTOR SHALL NOT SUBSTITUTE ANY OTHER SPECIES OR NUMBER SOURCE WITHOUT THE WRITTEN APPROVAL OF ARCHITECT. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND FOR PROTECTING ALL UTILITIES.
7. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND FOR PROTECTING ALL UTILITIES.
8. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND FOR PROTECTING ALL UTILITIES.
9. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND FOR PROTECTING ALL UTILITIES.
10. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND FOR PROTECTING ALL UTILITIES.





KEY:

-----SCH 40 PVC PIPE SLEEVE	▲	9" HOUSING ROOGER TRACT
-----SLEEVE SIZE	▲	2.5" HOUSING TRACT 2

NOT A PART
TRACT 2
2" ISO VALVE
BACKFLOW PREVENTER
W/ GUARDSHACK

Stableside at Falcon Landing Retail

Irrigation Improvements

Katy, TX



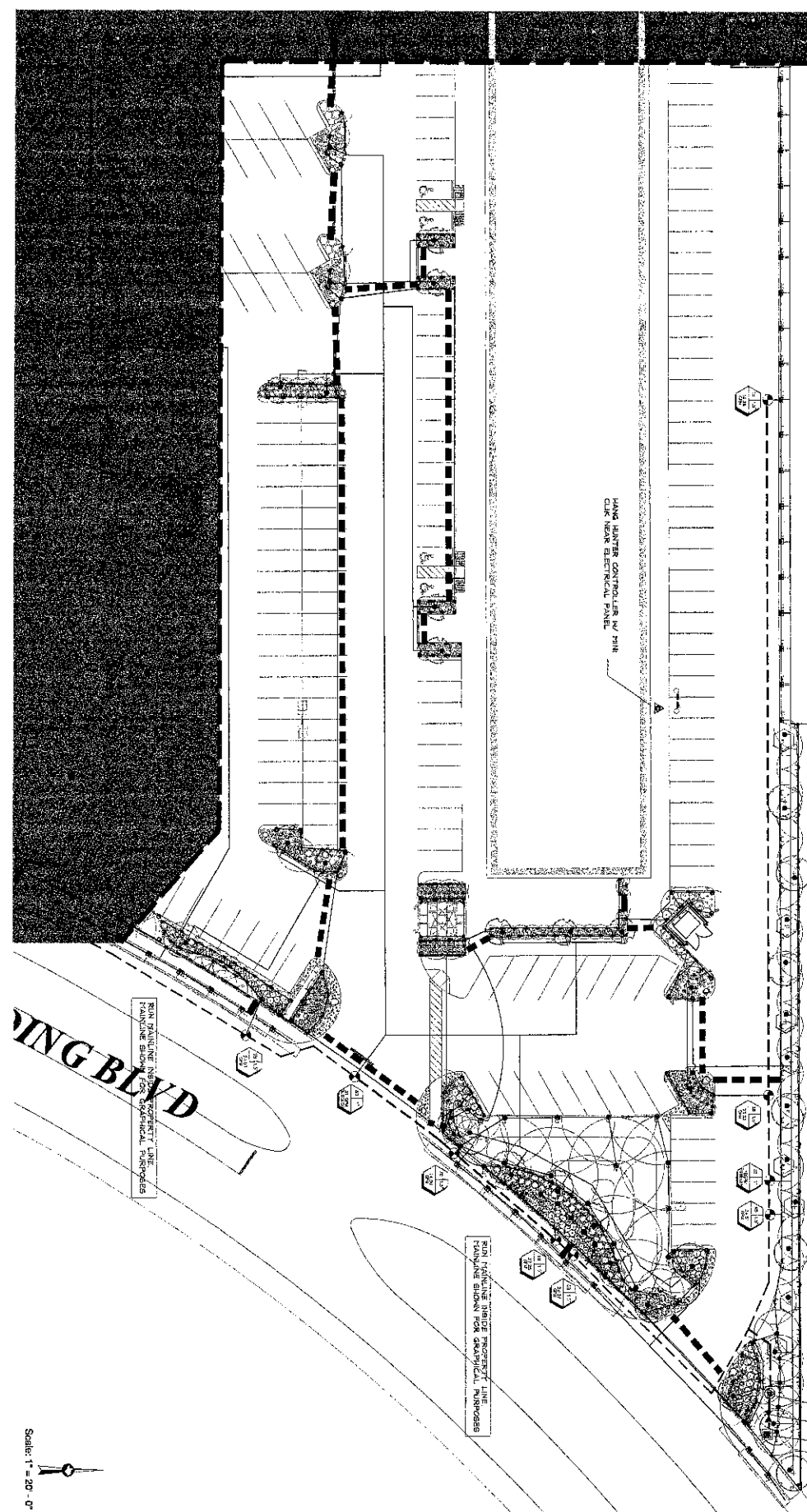
CMB
CHAD KANE
ARCHITECTURE

14837 FM 342
Newport, TX 77556
(281) 788-1200

IR-1

Overall
Irrigation Plan

DATE: 11/15/2018
SCALE: 1" = 60' - 0"
DRAWN: OCT 1, 2015
REVISION: NOV 2, 2015
PROJECT: IR-1



- DRIP IRRIGATION NOTES:**
1. Accidental zones are indicated by a dashed line. Actual zone data may vary.
 2. Generally, lawn zones shall be spaced on 12" and bed zones shall be spaced on 18". Verticals may occur. See detail, R-4 for drip line layout details. Controller shall vary drip rates to ensure 100% coverage. See R-6 for details.
 3. Controller shall have on air, bellows valve for each of the main lines.
 4. Controller shall install per manufacturer specs and recommendations on total line lengths.

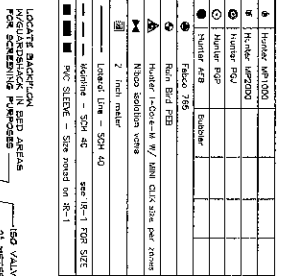


PIPE SIZING CHART:

CLASS 200 PVC LATERAL LINES
(12" IS SCH. 40)

SIZE	GALLONS
3/4"	6.1-10
1"	10.1-17
1 1/4"	17.1-28
2"	28.1-46

Symbol	Description	Field	Flow	Zone	Area
▲	Main Bed 54	94	30	0.2	5
▲	Main Bed 53	50	30	0.1	5
▲	Main Bed 52	50	30	0.4	5
▲	Main Bed 51	50	30	1.05	5
▲	Main Bed 50	81	30	0.25	5
▲	Main Bed 49	40	30	0.28	5
▲	Main Bed 48	101	30	1.38	10
▲	Main Bed 47	100	30	0.79	10
▲	Main Bed 46	135	30	3.6	12
▲	Main Bed 45	120	30	0.65	12
▲	Main Bed 44	130	30	1.85	13
▲	Main Bed 43	140	30	6.82	13
▲	Main Bed 42	150	30	12.1	13
▲	Main Bed 41	150	30	2.0	20
▲	Main Bed 40	150	30	2.0	20



Scale: 1" = 20'-0"

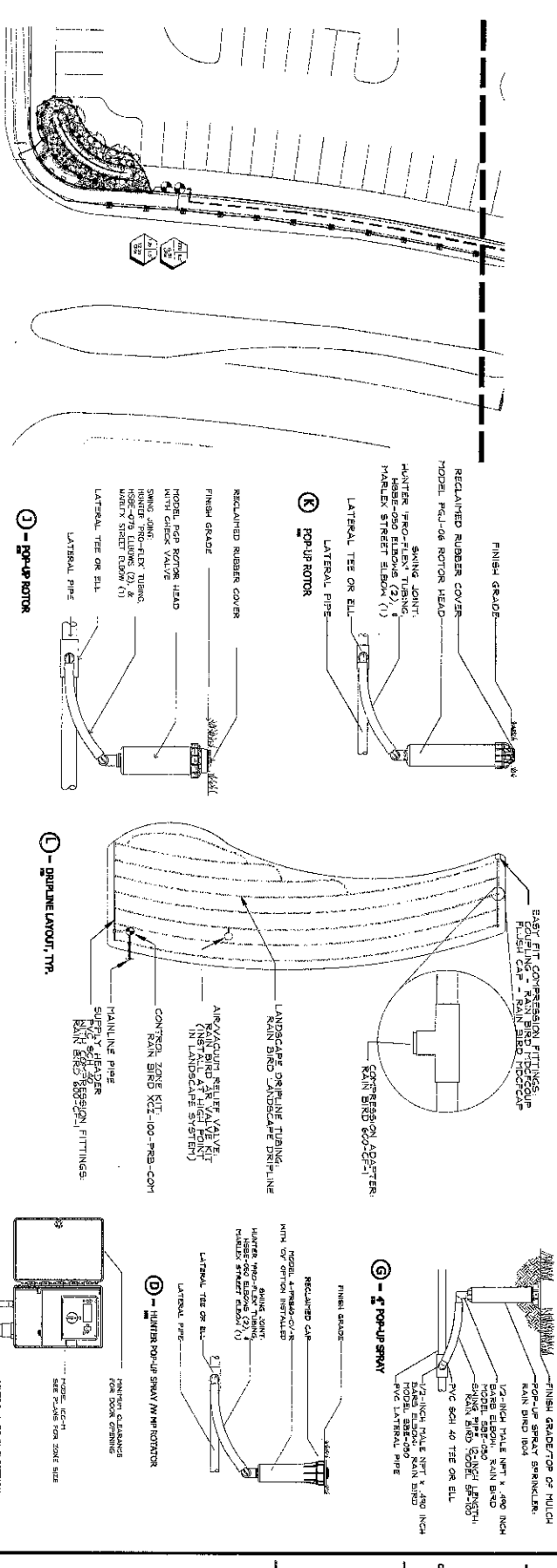
Job No.: 17-15-018
Date: OCT 2, 2015
Project: STABLESIDE AT FALCON LANDING
Client: CMB LANDSCAPE ARCHITECTURE
Site: 1838 FM 382, NORTON, TX 77705
Phone: 281-490-2200

Stableside at Falcon Landing Retail

Landscape Improvements

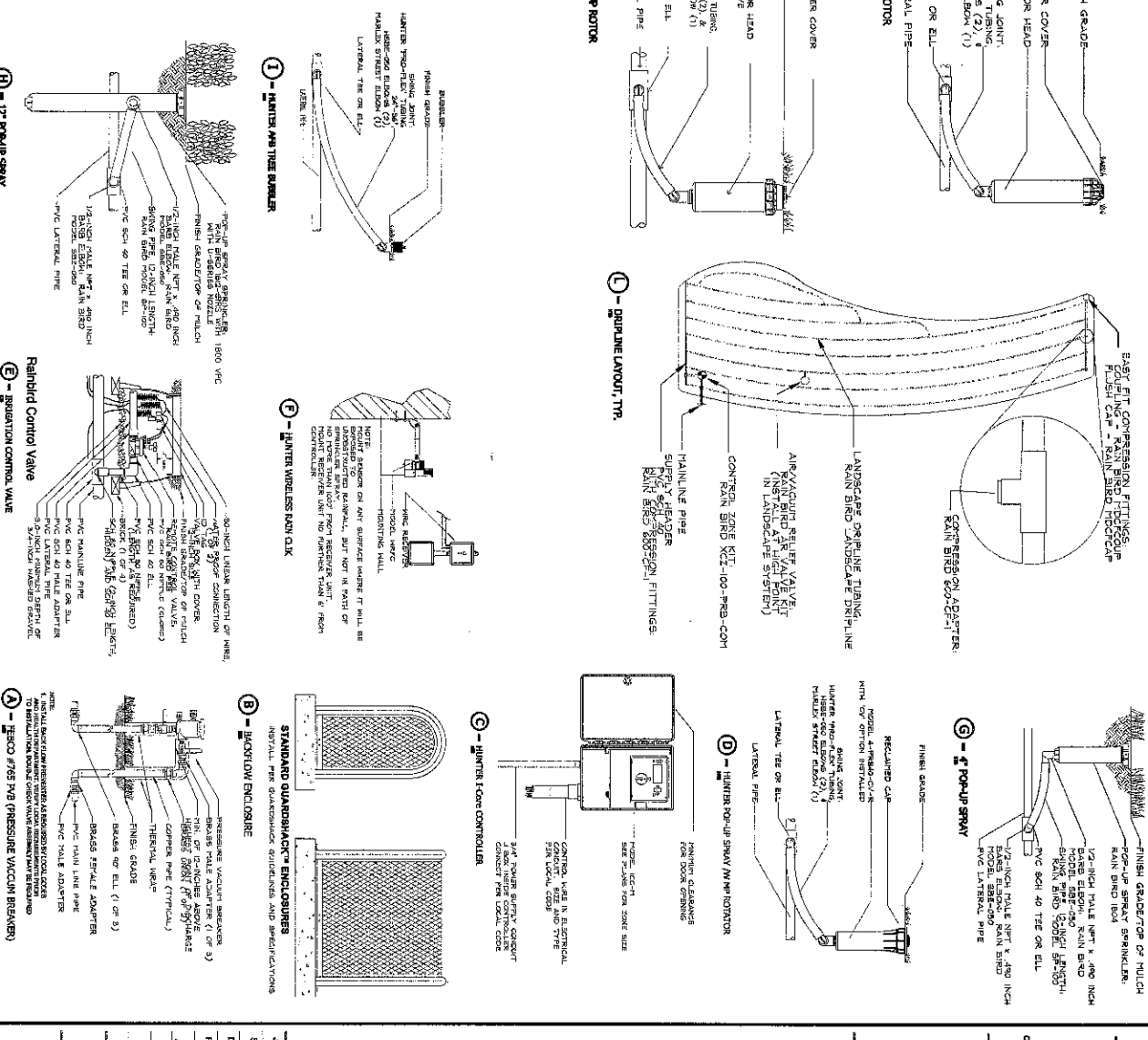
Katy, TX





IRIGATION NOTES:

1. Irrigation system shall be installed by a Licensed Irrigator. Irrigator seal permits on or after final location condition and when with included evidence of other construction. This plan is to be used as a reference and for bidding purposes only.
2. Except as otherwise noted, the contractor shall provide permits and licenses, pay charges and fees and give evidence of compliance with all applicable laws, rules and regulations of the State of Texas and the City of Houston.
3. The contractor shall follow the applicable City/County Department of Public Works specifications for installation of water meter and hot tapping.
4. The contractor shall notify pertinent utility companies 48 hours prior to construction for correct utility locations. Utilities can be located by hand or by electronic means. The contractor shall mark and protect the work from damage and shall be responsible for the location and condition of utilities and hot tapping.
5. The contractor shall notify pertinent utility companies 48 hours prior to construction for correct utility locations. Utilities can be located by hand or by electronic means. The contractor shall mark and protect the work from damage and shall be responsible for the location and condition of utilities and hot tapping.
6. The contractor shall not utilize water for any purpose other than that intended for irrigation. Water for other purposes shall be obtained from a separate source.
7. The contractor shall clearly mark all equipment, materials and equipment. Contractor shall verify the location and condition of utilities and hot tapping.
8. For purposes of clarity, some irrigation lines and valves may be shown outside of property, easements, or in paved areas.
9. Adjust one of irrigation heads for even coverage. Head layout should be on per plans.
10. Avoid existing or future location of tree stumps when laying pipe.
11. The contractor shall obtain contractor and P&E locations for approval by Landscape Architect or owner's representative prior to installation of any irrigation system.
12. Which one repair any and all damage done to existing plant materials and grading during installation of this work.
13. Contractor shall provide original and 2 copies of Pressure Vacuum Breaker certification to the Owner at completion of project.
14. Irrigation system shall be set to take about 10 minutes to complete one cycle. The contractor shall verify the operation of the system by running the system for 24 hours. The contractor shall be responsible for the operation of the system during this time.
15. Complete irrigation system testing shall be performed as required to maintain standards in correct operating condition. The contractor shall provide a written report of test results to the Owner at completion of project.
16. Adjust the system to match design by adjusting flow rates and pipe sizes and adjust heads to keep water on the street. Make adjustments to the system to match design by adjusting flow rates and pipe sizes and adjust heads to keep water on the street. Make adjustments to the system to match design by adjusting flow rates and pipe sizes and adjust heads to keep water on the street.
17. The contractor, in the field, shall install a fully functional irrigation system with all components. The purpose of this plan is to provide a general overview of the system. The contractor shall be responsible for the operation of the system during this time.
18. The contractor shall be responsible for the operation of the system during this time.



IR-6

18133 FM 392
Houston, TX 77058
281-462-1200
www.cmb-arch.com

CMB
LANDSCAPE
ARCHITECTURE

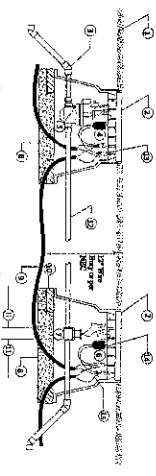
18133 FM 392
Houston, TX 77058
281-462-1200
www.cmb-arch.com

Stableside at Falcon Landing Retail
Landscape Improvements

Katy, TX

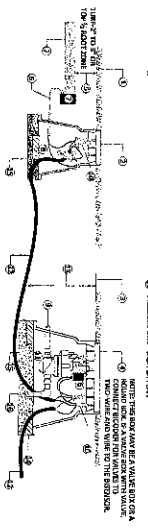
1. BL-5308 FLOW BICODER
2. BL-5308 FLOW BICODER
3. BL-5308 FLOW BICODER
4. BL-5308 FLOW BICODER
5. BL-5308 FLOW BICODER
6. BL-5308 FLOW BICODER
7. BL-5308 FLOW BICODER
8. BL-5308 FLOW BICODER
9. BL-5308 FLOW BICODER
10. BL-5308 FLOW BICODER
11. BL-5308 FLOW BICODER
12. BL-5308 FLOW BICODER
13. BL-5308 FLOW BICODER
14. BL-5308 FLOW BICODER
15. BL-5308 FLOW BICODER
16. BL-5308 FLOW BICODER
17. BL-5308 FLOW BICODER
18. BL-5308 FLOW BICODER
19. BL-5308 FLOW BICODER
20. BL-5308 FLOW BICODER
21. BL-5308 FLOW BICODER
22. BL-5308 FLOW BICODER
23. BL-5308 FLOW BICODER
24. BL-5308 FLOW BICODER
25. BL-5308 FLOW BICODER
26. BL-5308 FLOW BICODER
27. BL-5308 FLOW BICODER
28. BL-5308 FLOW BICODER
29. BL-5308 FLOW BICODER
30. BL-5308 FLOW BICODER
31. BL-5308 FLOW BICODER
32. BL-5308 FLOW BICODER
33. BL-5308 FLOW BICODER
34. BL-5308 FLOW BICODER
35. BL-5308 FLOW BICODER
36. BL-5308 FLOW BICODER
37. BL-5308 FLOW BICODER
38. BL-5308 FLOW BICODER
39. BL-5308 FLOW BICODER
40. BL-5308 FLOW BICODER
41. BL-5308 FLOW BICODER
42. BL-5308 FLOW BICODER
43. BL-5308 FLOW BICODER
44. BL-5308 FLOW BICODER
45. BL-5308 FLOW BICODER
46. BL-5308 FLOW BICODER
47. BL-5308 FLOW BICODER
48. BL-5308 FLOW BICODER
49. BL-5308 FLOW BICODER
50. BL-5308 FLOW BICODER

BL-5308 FLOW BICODER & THIRD PARTY FLOW SENSOR
INSTALLATION & WIRING NTS



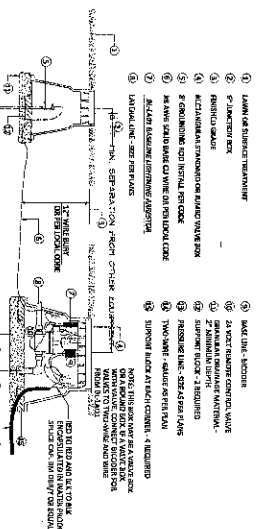
1. THIRD PARTY FLOW SENSOR
2. THIRD PARTY FLOW SENSOR
3. THIRD PARTY FLOW SENSOR
4. THIRD PARTY FLOW SENSOR
5. THIRD PARTY FLOW SENSOR
6. THIRD PARTY FLOW SENSOR
7. THIRD PARTY FLOW SENSOR
8. THIRD PARTY FLOW SENSOR
9. THIRD PARTY FLOW SENSOR
10. THIRD PARTY FLOW SENSOR
11. THIRD PARTY FLOW SENSOR
12. THIRD PARTY FLOW SENSOR
13. THIRD PARTY FLOW SENSOR
14. THIRD PARTY FLOW SENSOR
15. THIRD PARTY FLOW SENSOR

BASELINE BL-5308 FLOW BICODER & BL5201MV MASTER VALVE BICODER
NTS



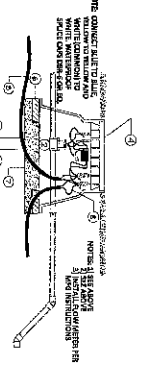
1. BL-5308 FLOW BICODER
2. BL-5308 FLOW BICODER
3. BL-5308 FLOW BICODER
4. BL-5308 FLOW BICODER
5. BL-5308 FLOW BICODER
6. BL-5308 FLOW BICODER
7. BL-5308 FLOW BICODER
8. BL-5308 FLOW BICODER
9. BL-5308 FLOW BICODER
10. BL-5308 FLOW BICODER
11. BL-5308 FLOW BICODER
12. BL-5308 FLOW BICODER
13. BL-5308 FLOW BICODER
14. BL-5308 FLOW BICODER
15. BL-5308 FLOW BICODER

BL-5315B BISENSOR SOIL MOISTURE SENSOR
TWO-WIRE INSTALLATION & WIRING DETAIL NTS

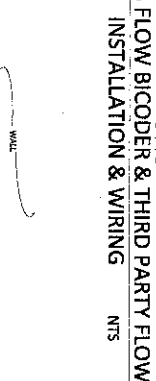


1. BISENSOR SOIL MOISTURE SENSOR
2. BISENSOR SOIL MOISTURE SENSOR
3. BISENSOR SOIL MOISTURE SENSOR
4. BISENSOR SOIL MOISTURE SENSOR
5. BISENSOR SOIL MOISTURE SENSOR
6. BISENSOR SOIL MOISTURE SENSOR
7. BISENSOR SOIL MOISTURE SENSOR
8. BISENSOR SOIL MOISTURE SENSOR
9. BISENSOR SOIL MOISTURE SENSOR
10. BISENSOR SOIL MOISTURE SENSOR
11. BISENSOR SOIL MOISTURE SENSOR
12. BISENSOR SOIL MOISTURE SENSOR
13. BISENSOR SOIL MOISTURE SENSOR
14. BISENSOR SOIL MOISTURE SENSOR
15. BISENSOR SOIL MOISTURE SENSOR

BL-LA01 LIGHTNING ARRESTOR
INSTALLATION & WIRING NTS

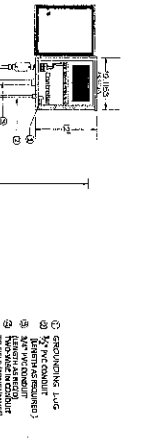


BL-5308 FLOW BICODER & THIRD PARTY FLOW SENSOR
INSTALLATION & WIRING NTS



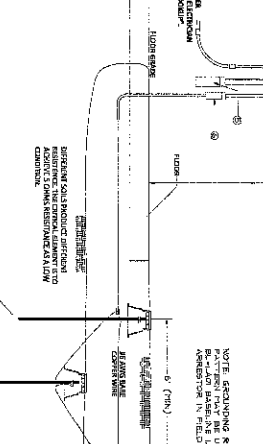
1. THIRD PARTY FLOW SENSOR
2. THIRD PARTY FLOW SENSOR
3. THIRD PARTY FLOW SENSOR
4. THIRD PARTY FLOW SENSOR
5. THIRD PARTY FLOW SENSOR
6. THIRD PARTY FLOW SENSOR
7. THIRD PARTY FLOW SENSOR
8. THIRD PARTY FLOW SENSOR
9. THIRD PARTY FLOW SENSOR
10. THIRD PARTY FLOW SENSOR
11. THIRD PARTY FLOW SENSOR
12. THIRD PARTY FLOW SENSOR
13. THIRD PARTY FLOW SENSOR
14. THIRD PARTY FLOW SENSOR
15. THIRD PARTY FLOW SENSOR

BASELINE BL-5308 FLOW BICODER & BL5201MV MASTER VALVE BICODER
NTS



1. BL-5308 FLOW BICODER
2. BL-5308 FLOW BICODER
3. BL-5308 FLOW BICODER
4. BL-5308 FLOW BICODER
5. BL-5308 FLOW BICODER
6. BL-5308 FLOW BICODER
7. BL-5308 FLOW BICODER
8. BL-5308 FLOW BICODER
9. BL-5308 FLOW BICODER
10. BL-5308 FLOW BICODER
11. BL-5308 FLOW BICODER
12. BL-5308 FLOW BICODER
13. BL-5308 FLOW BICODER
14. BL-5308 FLOW BICODER
15. BL-5308 FLOW BICODER

BL-5315B BISENSOR SOIL MOISTURE SENSOR
TWO-WIRE INSTALLATION & WIRING DETAIL NTS



1. BISENSOR SOIL MOISTURE SENSOR
2. BISENSOR SOIL MOISTURE SENSOR
3. BISENSOR SOIL MOISTURE SENSOR
4. BISENSOR SOIL MOISTURE SENSOR
5. BISENSOR SOIL MOISTURE SENSOR
6. BISENSOR SOIL MOISTURE SENSOR
7. BISENSOR SOIL MOISTURE SENSOR
8. BISENSOR SOIL MOISTURE SENSOR
9. BISENSOR SOIL MOISTURE SENSOR
10. BISENSOR SOIL MOISTURE SENSOR
11. BISENSOR SOIL MOISTURE SENSOR
12. BISENSOR SOIL MOISTURE SENSOR
13. BISENSOR SOIL MOISTURE SENSOR
14. BISENSOR SOIL MOISTURE SENSOR
15. BISENSOR SOIL MOISTURE SENSOR

BL-LA01 LIGHTNING ARRESTOR
INSTALLATION & WIRING NTS

CMB
LANDSCAPE
ARCHITECTURE
18125 FM 502
Newport, TX 77660
952-429-1209
Commercial, Multi-family, & Residential
Landscape Architecture



Stableside at Falcon Landing Retail
Landscape Improvements
Katy, TX

Job No: 17-13-16
Scale:
Date: 03.1.2016
Revised: 03.1.2016
Author: JLR
Checked: JLR
Title: IRRIGATION DETAILS
Sheet: 1 of 1
Project: IR-7

ROGER TRACT SPECIFICATIONS

PLANTING IRRIGATION 32 84 00 - 1

This specification is neither project nor code specific. It is the responsibility of the contractor to determine the applicable regulatory agencies. Designers with industry affiliations including OIP (Certified Irrigation Designer) or PIC (Professional Irrigation Consultant) are preferred.

SECTION 32 84 00 - PLANTING IRRIGATION

PART 1 - GENERAL

- 1.1 SUMMARY
 - A. Section Includes:
 - 1. Planting Irrigation System including piping, valves, media, air systems, filters, and controls.

1.2 ADMINISTRATION

- 1. Attendees: Landscaping Designer, Irrigation Designer, Client, Owner and Contract Inspector.
- 2. Meetings: The Irrigation Designer will attend and distribute meeting minutes to all to be included in the project schedule.

1.3 WARRANTY

- A. Provide full maintenance by skilled employees of planting irrigation designer. Attention as required in Item 3. Maintenance shall be included in the overall time, but pricing with a minimum amount of project include general items in Contractor's Schedule of Values.

PART 2 - PRODUCTS

2.1 PERFORMANCE REQUIREMENTS

- A. Conform to applicable industry standards and applicable local, state, and federal codes, codes.
- B. Irrigation zone control shall be automatic operation with controller and automatic control components necessary to avoid shortages and overwatering, such as signs and light standards.

2.2 CONDITIONS

- A. Automatic Sprinkler Controller(s) with appropriate valves, swivel, street, etc. or indicated on the drawings.
- B. Manufacturer and Model.
- C. Manufacturer and Model.

2.3 MATERIALS

- 1. Make-or-Buy: Product: Assess Irrigation Inc., Description: 1500 irrigation controller with 24 zone control and manual override.
- 2. Alternate Controller: Other make may only be used with written approval from the Designer. Site Development Designer or Technical Director of Construction Design Inc. in Fort Bend Corporation, 159-5016, Houston, TX 77057. Or approved by the Designer: a. Hunter Industries, Inc. - Ogee, ACC, or Fort-1 with Solar Sync Controller. b. Weathermatic Smart Line Controller with Solar Weather Station.

2.4 APPROVED

- A. Pressure Pipe: Conform with requirements in the piping schedule and drawings for application of pipe, hangers, and fitting materials, and for joining methods for specific services, service fittings, and other components.
- B. Piping: 1. Polypropylene (PP) plastic pipe complying with ASTM D-2241, SDR11 Class 200 (1.315" ID, 1.5625" OD) for 1/2" diameter pipe and SDR11 Class 200 (1.315" ID, 1.5625" OD) for 3/4" diameter pipe and SDR11 Class 200 (1.315" ID, 1.5625" OD) for 1" diameter pipe.

2.5 VALVES

- 1. Hunter Industries, Inc. ECU Series electric remote control valves.
- 2. From Bird Corporation, FIB Series electric remote control valves.
- 3. From Von Busch, (Thy) 1920 Series electric remote control valves.
- 4. Hunter Industries, Inc. 422 Dry Zone Control Kit.
- 5. From Bird Corporation, X122 Dry Control Zone Kit.
- 6. From Von Busch, (Thy) 1920 Series electric remote control valves.

2.6 SPRINKLER AND ACCESSORIES

- 1. From Bird Corporation, Rain Bird Rotator, 3000 Series plus high rotor nozzle with 1/2" or 3/4" or 1" or 1 1/2" or 2" or 3" or 4" or 5" or 6" or 8" or 10" or 12" or 14" or 16" or 18" or 20" or 22" or 24" or 26" or 28" or 30" or 32" or 34" or 36" or 38" or 40" or 42" or 44" or 46" or 48" or 50" or 52" or 54" or 56" or 58" or 60" or 62" or 64" or 66" or 68" or 70" or 72" or 74" or 76" or 78" or 80" or 82" or 84" or 86" or 88" or 90" or 92" or 94" or 96" or 98" or 100" or 102" or 104" or 106" or 108" or 110" or 112" or 114" or 116" or 118" or 120" or 122" or 124" or 126" or 128" or 130" or 132" or 134" or 136" or 138" or 140" or 142" or 144" or 146" or 148" or 150" or 152" or 154" or 156" or 158" or 160" or 162" or 164" or 166" or 168" or 170" or 172" or 174" or 176" or 178" or 180" or 182" or 184" or 186" or 188" or 190" or 192" or 194" or 196" or 198" or 200" or 202" or 204" or 206" or 208" or 210" or 212" or 214" or 216" or 218" or 220" or 222" or 224" or 226" or 228" or 230" or 232" or 234" or 236" or 238" or 240" or 242" or 244" or 246" or 248" or 250" or 252" or 254" or 256" or 258" or 260" or 262" or 264" or 266" or 268" or 270" or 272" or 274" or 276" or 278" or 280" or 282" or 284" or 286" or 288" or 290" or 292" or 294" or 296" or 298" or 300" or 302" or 304" or 306" or 308" or 310" or 312" or 314" or 316" or 318" or 320" or 322" or 324" or 326" or 328" or 330" or 332" or 334" or 336" or 338" or 340" or 342" or 344" or 346" or 348" or 350" or 352" or 354" or 356" or 358" or 360" or 362" or 364" or 366" or 368" or 370" or 372" or 374" or 376" or 378" or 380" or 382" or 384" or 386" or 388" or 390" or 392" or 394" or 396" or 398" or 400" or 402" or 404" or 406" or 408" or 410" or 412" or 414" or 416" or 418" or 420" or 422" or 424" or 426" or 428" or 430" or 432" or 434" or 436" or 438" or 440" or 442" or 444" or 446" or 448" or 450" or 452" or 454" or 456" or 458" or 460" or 462" or 464" or 466" or 468" or 470" or 472" or 474" or 476" or 478" or 480" or 482" or 484" or 486" or 488" or 490" or 492" or 494" or 496" or 498" or 500" or 502" or 504" or 506" or 508" or 510" or 512" or 514" or 516" or 518" or 520" or 522" or 524" or 526" or 528" or 530" or 532" or 534" or 536" or 538" or 540" or 542" or 544" or 546" or 548" or 550" or 552" or 554" or 556" or 558" or 560" or 562" or 564" or 566" or 568" or 570" or 572" or 574" or 576" or 578" or 580" or 582" or 584" or 586" or 588" or 590" or 592" or 594" or 596" or 598" or 600" or 602" or 604" or 606" or 608" or 610" or 612" or 614" or 616" or 618" or 620" or 622" or 624" or 626" or 628" or 630" or 632" or 634" or 636" or 638" or 640" or 642" or 644" or 646" or 648" or 650" or 652" or 654" or 656" or 658" or 660" or 662" or 664" or 666" or 668" or 670" or 672" or 674" or 676" or 678" or 680" or 682" or 684" or 686" or 688" or 690" or 692" or 694" or 696" or 698" or 700" or 702" or 704" or 706" or 708" or 710" or 712" or 714" or 716" or 718" or 720" or 722" or 724" or 726" or 728" or 730" or 732" or 734" or 736" or 738" or 740" or 742" or 744" or 746" or 748" or 750" or 752" or 754" or 756" or 758" or 760" or 762" or 764" or 766" or 768" or 770" or 772" or 774" or 776" or 778" or 780" or 782" or 784" or 786" or 788" or 790" or 792" or 794" or 796" or 798" or 800" or 802" or 804" or 806" or 808" or 810" or 812" or 814" or 816" or 818" or 820" or 822" or 824" or 826" or 828" or 830" or 832" or 834" or 836" or 838" or 840" or 842" or 844" or 846" or 848" or 850" or 852" or 854" or 856" or 858" or 860" or 862" or 864" or 866" or 868" or 870" or 872" or 874" or 876" or 878" or 880" or 882" or 884" or 886" or 888" or 890" or 892" or 894" or 896" or 898" or 900" or 902" or 904" or 906" or 908" or 910" or 912" or 914" or 916" or 918" or 920" or 922" or 924" or 926" or 928" or 930" or 932" or 934" or 936" or 938" or 940" or 942" or 944" or 946" or 948" or 950" or 952" or 954" or 956" or 958" or 960" or 962" or 964" or 966" or 968" or 970" or 972" or 974" or 976" or 978" or 980" or 982" or 984" or 986" or 988" or 990" or 992" or 994" or 996" or 998" or 1000" or 1002" or 1004" or 1006" or 1008" or 1010" or 1012" or 1014" or 1016" or 1018" or 1020" or 1022" or 1024" or 1026" or 1028" or 1030" or 1032" or 1034" or 1036" or 1038" or 1040" or 1042" or 1044" or 1046" or 1048" or 1050" or 1052" or 1054" or 1056" or 1058" or 1060" or 1062" or 1064" or 1066" or 1068" or 1070" or 1072" or 1074" or 1076" or 1078" or 1080" or 1082" or 1084" or 1086" or 1088" or 1090" or 1092" or 1094" or 1096" or 1098" or 1100" or 1102" or 1104" or 1106" or 1108" or 1110" or 1112" or 1114" or 1116" or 1118" or 1120" or 1122" or 1124" or 1126" or 1128" or 1130" or 1132" or 1134" or 1136" or 1138" or 1140" or 1142" or 1144" or 1146" or 1148" or 1150" or 1152" or 1154" or 1156" or 1158" or 1160" or 1162" or 1164" or 1166" or 1168" or 1170" or 1172" or 1174" or 1176" or 1178" or 1180" or 1182" or 1184" or 1186" or 1188" or 1190" or 1192" or 1194" or 1196" or 1198" or 1200" or 1202" or 1204" or 1206" or 1208" or 1210" or 1212" or 1214" or 1216" or 1218" or 1220" or 1222" or 1224" or 1226" or 1228" or 1230" or 1232" or 1234" or 1236" or 1238" or 1240" or 1242" or 1244" or 1246" or 1248" or 1250" or 1252" or 1254" or 1256" or 1258" or 1260" or 1262" or 1264" or 1266" or 1268" or 1270" or 1272" or 1274" or 1276" or 1278" or 1280" or 1282" or 1284" or 1286" or 1288" or 1290" or 1292" or 1294" or 1296" or 1298" or 1300" or 1302" or 1304" or 1306" or 1308" or 1310" or 1312" or 1314" or 1316" or 1318" or 1320" or 1322" or 1324" or 1326" or 1328" or 1330" or 1332" or 1334" or 1336" or 1338" or 1340" or 1342" or 1344" or 1346" or 1348" or 1350" or 1352" or 1354" or 1356" or 1358" or 1360" or 1362" or 1364" or 1366" or 1368" or 1370" or 1372" or 1374" or 1376" or 1378" or 1380" or 1382" or 1384" or 1386" or 1388" or 1390" or 1392" or 1394" or 1396" or 1398" or 1400" or 1402" or 1404" or 1406" or 1408" or 1410" or 1412" or 1414" or 1416" or 1418" or 1420" or 1422" or 1424" or 1426" or 1428" or 1430" or 1432" or 1434" or 1436" or 1438" or 1440" or 1442" or 1444" or 1446" or 1448" or 1450" or 1452" or 1454" or 1456" or 1458" or 1460" or 1462" or 1464" or 1466" or 1468" or 1470" or 1472" or 1474" or 1476" or 1478" or 1480" or 1482" or 1484" or 1486" or 1488" or 1490" or 1492" or 1494" or 1496" or 1498" or 1500" or 1502" or 1504" or 1506" or 1508" or 1510" or 1512" or 1514" or 1516" or 1518" or 1520" or 1522" or 1524" or 1526" or 1528" or 1530" or 1532" or 1534" or 1536" or 1538" or 1540" or 1542" or 1544" or 1546" or 1548" or 1550" or 1552" or 1554" or 1556" or 1558" or 1560" or 1562" or 1564" or 1566" or 1568" or 1570" or 1572" or 1574" or 1576" or 1578" or 1580" or 1582" or 1584" or 1586" or 1588" or 1590" or 1592" or 1594" or 1596" or 1598" or 1600" or 1602" or 1604" or 1606" or 1608" or 1610" or 1612" or 1614" or 1616" or 1618" or 1620" or 1622" or 1624" or 1626" or 1628" or 1630" or 1632" or 1634" or 1636" or 1638" or 1640" or 1642" or 1644" or 1646" or 1648" or 1650" or 1652" or 1654" or 1656" or 1658" or 1660" or 1662" or 1664" or 1666" or 1668" or 1670" or 1672" or 1674" or 1676" or 1678" or 1680" or 1682" or 1684" or 1686" or 1688" or 1690" or 1692" or 1694" or 1696" or 1698" or 1700" or 1702" or 1704" or 1706" or 1708" or 1710" or 1712" or 1714" or 1716" or 1718" or 1720" or 1722" or 1724" or 1726" or 1728" or 1730" or 1732" or 1734" or 1736" or 1738" or 1740" or 1742" or 1744" or 1746" or 1748" or 1750" or 1752" or 1754" or 1756" or 1758" or 1760" or 1762" or 1764" or 1766" or 1768" or 1770" or 1772" or 1774" or 1776" or 1778" or 1780" or 1782" or 1784" or 1786" or 1788" or 1790" or 1792" or 1794" or 1796" or 1798" or 1800" or 1802" or 1804" or 1806" or 1808" or 1810" or 1812" or 1814" or 1816" or 1818" or 1820" or 1822" or 1824" or 1826" or 1828" or 1830" or 1832" or 1834" or 1836" or 1838" or 1840" or 1842" or 1844" or 1846" or 1848" or 1850" or 1852" or 1854" or 1856" or 1858" or 1860" or 1862" or 1864" or 1866" or 1868" or 1870" or 1872" or 1874" or 1876" or 1878" or 1880" or 1882" or 1884" or 1886" or 1888" or 1890" or 1892" or 1894" or 1896" or 1898" or 1900" or 1902" or 1904" or 1906" or 1908" or 1910" or 1912" or 1914" or 1916" or 1918" or 1920" or 1922" or 1924" or 1926" or 1928" or 1930" or 1932" or 1934" or 1936" or 1938" or 1940" or 1942" or 1944" or 1946" or 1948" or 1950" or 1952" or 1954" or 1956" or 1958" or 1960" or 1962" or 1964" or 1966" or 1968" or 1970" or 1972" or 1974" or 1976" or 1978" or 1980" or 1982" or 1984" or 1986" or 1988" or 1990" or 1992" or 1994" or 1996" or 1998" or 2000" or 2002" or 2004" or 2006" or 2008" or 2010" or 2012" or 2014" or 2016" or 2018" or 2020" or 2022" or 2024" or 2026" or 2028" or 2030" or 2032" or 2034" or 2036" or 2038" or 2040" or 2042" or 2044" or 2046" or 2048" or 2050" or 2052" or 2054" or 2056" or 2058" or 2060" or 2062" or 2064" or 2066" or 2068" or 2070" or 2072" or 2074" or 2076" or 2078" or 2080" or 2082" or 2084" or 2086" or 2088" or 2090" or 2092" or 2094" or 2096" or 2098" or 2100" or 2102" or 2104" or 2106" or 2108" or 2110" or 2112" or 2114" or 2116" or 2118" or 2120" or 2122" or 2124" or 2126" or 2128" or 2130" or 2132" or 2134" or 2136" or 2138" or 2140" or 2142" or 2144" or 2146" or 2148" or 2150" or 2152" or 2154" or 2156" or 2158" or 2160" or 2162" or 2164" or 2166" or 2168" or 2170" or 2172" or 2174" or 2176" or 2178" or 2180" or 2182" or 2184" or 2186" or 2188" or 2190" or 2192" or 2194" or 2196" or 2198" or 2200" or 2202" or 2204" or 2206" or 2208" or 2210" or 2212" or 2214" or 2216" or 2218" or 2220" or 2222" or 2224" or 2226" or 2228" or 2230" or 2232" or 2234" or 2236" or 2238" or 2240" or 2242" or 2244" or 2246" or 2248" or 2250" or 2252" or 2254" or 2256" or 2258" or 2260" or 2262" or 2264" or 2266" or 2268" or 2270" or 2272" or 2274" or 2276" or 2278" or 2280" or 2282" or 2284" or 2286" or 2288" or 2290" or 2292" or 2294" or 2296" or 2298" or 2300" or 2302" or 2304" or 2306" or 2308" or 2310" or 2312" or 2314" or 2316" or 2318" or 2320" or 2322" or 2324" or 2326" or 2328" or 2330" or 2332" or 2334" or 2336" or 2338" or 2340" or 2342" or 2344" or 2346" or 2348" or 2350" or 2352" or 2354" or 2356" or 2358" or 2360" or 2362" or 2364" or 2366" or 2368" or 2370" or 2372" or 2374" or 2376" or 2378" or 2380" or 2382" or 2384" or 2386" or 2388" or 2390" or 2392" or 2394" or 2396" or 2398" or 2400" or 2402" or 2404" or 2406" or 2408" or 2410" or 2412" or 2414" or 2416" or 2418" or 2420" or 2422" or 2424" or 2426" or 2428" or 2430" or 2432" or 2434" or 2436" or 2438" or 2440" or 2442" or 2444" or 2446" or 2448" or 2450" or 2452" or 2454" or 2456" or 2458" or 2460" or 2462" or 2464" or 2466" or 2468" or 2470" or 2472" or 2474" or 2476" or 2478" or 2480" or 2482" or 2484" or 2486" or 2488" or 2490" or 2492" or 2494" or 2496" or 2498" or 2500" or 2502" or 2504" or 2506" or 2508" or 2510" or 2512" or 2514" or 2516" or 2518" or 2520" or 2522" or 2524" or 2526" or 2528" or 2530" or 2532" or 2534" or 2536" or 2538" or 2540" or 2542" or 2544" or 2546" or 2548" or 2550" or 2552" or 2554" or 2556" or 2558" or 2560" or 2562" or 2564" or 2566" or 2568" or 2570" or 2572" or 2574" or 2576" or 2578" or 2580" or 2582" or 2584" or 2586" or 2588" or 2590" or 2592" or 2594" or 2596" or 2598" or 2600" or 2602" or 2604" or 2606" or 2608" or 2610" or 2612" or 2614" or 2616" or 2618" or 2620" or 2622" or 2624" or 2626" or 2628" or 2630" or 2632" or 2634" or 2636" or 2638" or 2640" or 2642" or 2644" or 2646" or 2648" or 2650" or 2652" or 2654" or 2656" or 2658" or 2660" or 2662" or 2664" or 2666" or 2668" or 2670" or 2672" or 2674" or 2676" or 2678" or 2680" or 2682" or 2684" or 2686" or 2688" or 2690" or 2692" or 2694" or 2696" or 2698" or 2700" or 2702" or 2704" or 2706" or 2708" or 2710" or 2712" or 2714" or 2716" or 2718" or 2720" or 2722" or 2724" or 2726" or 2728" or 2730" or 2732" or 2734" or 2736" or 2738" or 2740" or 2742" or 2744" or 2746" or 2748" or 2750" or 2752" or 2754" or 2756" or 2758" or 2760" or 2762" or 2764" or 2766" or 2768" or 2770" or 2772" or 2774" or 2776" or 2778" or 2780" or 2782" or 2784" or 2786" or 2788" or 2790" or 2792" or 2794" or 2796" or 2798" or 2800" or 2802" or 2804" or 2806" or 2808" or 2810" or 2812" or 2814" or 2816" or 2818" or 2820" or 2822" or 2824" or 2826" or 2828" or 2830" or 2832" or 2834" or 2836" or 2838" or 2840" or 2842" or 2844" or 2846" or 2848" or 2850" or 2852" or 2854" or 2856" or 2858" or 2860" or 2862" or 2864" or 2866" or 2868" or 2870" or 2872" or 2874" or 2876" or 2878" or 2880" or 2882" or 2884" or 2886" or 2888" or 2890" or 2892" or 2894" or 2896" or 2898" or 2900" or 2902" or 2904" or 2906" or 2908" or 2910" or 2912" or 2914" or 2916" or 2918" or 2920" or 2922" or 2924" or 2926" or 2928" or 2930" or 2932" or 2934" or 2936" or 2938" or 2940" or 2942" or 2944" or 2946" or 2948" or 2950" or 2952" or 2954" or 2956" or 2958" or 2960" or 2962" or 2964" or 2966" or 2968" or 2970" or 2972" or 2974" or 2976" or 2978" or 2980" or 2982" or 2984" or 2986" or 2988" or 2990" or 2992" or 2994" or 2996" or 2998" or 3000" or 3002" or 3004" or 3006" or 3008" or 3010" or 3012" or 3014" or 3016" or 3018" or 3020" or 3022" or 3024" or 3026" or 3028" or 3030" or 3032" or 3034" or 3036" or 3038" or 3040" or 3042" or 3044" or 3046" or 3048" or 3050" or 3052" or 3054" or 3056" or 3058" or 3060" or 3062" or 3064" or 3066" or 3068" or 3070" or 3072" or 3074" or 3076" or 3078" or 3080" or 3082" or 3084" or 3086" or 3088" or 3090" or 3092" or 3094" or 3096" or 3098" or 3100" or 3102" or 3104" or 3106" or 3108" or 3110" or 3112" or 3114" or 3116" or 3118" or 3120" or 3122" or 3124" or 3126" or 3128" or 3130" or 3132" or 3

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

AUTHORIZED

BOND NO 106196977

THE STATE OF TEXAS

§

KNOW ALL MEN BY THESE PRESENTS:

COUNTY OF FORT BEND

§

THAT WE, LaGrone Services, Ltd. whose address is 10204 Fairbanks N Houston Rd, Houston, Texas, hereinafter called the Principal, And Travelers Casualty and Surety Company of America, a Corporation existing under and by virtue of the laws of the state of Connecticut and authorized to do an indemnifying business in the state of Texas, and whose principal office is located at One Tower Square 3PB, Hartford, CT 06183, whose officer residing in the State of Texas, authorized to accept service in all suits and actions brought whining said state is Christopher Noble and Whose address is 1301 E. Collins Blvd., Richardson, TX 75081, 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 Fifty Thousand Dollars & No/100*** Dollars (\$ 50,000.00) 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, commercial driveway and median openings or modifications 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, commercial driveway and median openings or modifications;

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, commercial driveway and median openings or modifications 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 3rd day of February, 20 16.

By: Jason M. Snell, LLC
It's General Partner

LaGrone Services, Ltd.
PRINCIPAL

BY JASON M. SNELL - PRESIDENT

Travelers Casualty and Surety Company of America
SURETY

BY Courtney Rodrick





POWER OF ATTORNEY

Farmington Casualty Company
Fidelity and Guaranty Insurance Company
Fidelity and Guaranty Insurance Underwriters, Inc.
St. Paul Fire and Marine Insurance Company
St. Paul Guardian Insurance Company

St. Paul Mercury Insurance Company
Travelers Casualty and Surety Company
Travelers Casualty and Surety Company of America
United States Fidelity and Guaranty Company

Attorney-In Fact No. 227090

Certificate No. 005619938

KNOW ALL MEN BY THESE PRESENTS: That Farmington Casualty Company, St. Paul Fire and Marine Insurance Company, St. Paul Guardian Insurance Company, St. Paul Mercury Insurance Company, Travelers Casualty and Surety Company, Travelers Casualty and Surety Company of America, and United States Fidelity and Guaranty Company are corporations duly organized under the laws of the State of Connecticut, that Fidelity and Guaranty Insurance Company is a corporation duly organized under the laws of the State of Iowa, and that Fidelity and Guaranty Insurance Underwriters, Inc., is a corporation duly organized under the laws of the State of Wisconsin (herein collectively called the "Companies"), and that the Companies do hereby make, constitute and appoint

Donna Mosley, William D. Newman, R. Tracy Williams, and Courtney Rodrick

of the City of Houston, State of Texas, their true and lawful Attorney(s)-in-Fact, each in their separate capacity if more than one is named above, to sign, execute, seal and acknowledge any and all bonds, recognizances, conditional undertakings and other writings obligatory in the nature thereof on behalf of the Companies in their business of guaranteeing the fidelity of persons, guaranteeing the performance of contracts and executing or guaranteeing bonds and undertakings required or permitted in any actions or proceedings allowed by law.

IN WITNESS WHEREOF, the Companies have caused this instrument to be signed and their corporate seals to be hereto affixed, this 29th day of August, 2013.

Farmington Casualty Company
Fidelity and Guaranty Insurance Company
Fidelity and Guaranty Insurance Underwriters, Inc.
St. Paul Fire and Marine Insurance Company
St. Paul Guardian Insurance Company

St. Paul Mercury Insurance Company
Travelers Casualty and Surety Company
Travelers Casualty and Surety Company of America
United States Fidelity and Guaranty Company



State of Connecticut
City of Hartford ss.

By: [Signature]
Robert L. Raney, Senior Vice President

On this the 29th day of August, 2013, before me personally appeared Robert L. Raney, who acknowledged himself to be the Senior Vice President of Farmington Casualty Company, Fidelity and Guaranty Insurance Company, Fidelity and Guaranty Insurance Underwriters, Inc., St. Paul Fire and Marine Insurance Company, St. Paul Guardian Insurance Company, St. Paul Mercury Insurance Company, Travelers Casualty and Surety Company, Travelers Casualty and Surety Company of America, and United States Fidelity and Guaranty Company, and that he, as such, being authorized so to do, executed the foregoing instrument for the purposes therein contained by signing on behalf of the corporations by himself as a duly authorized officer.

In Witness Whereof, I hereunto set my hand and official seal.
My Commission expires the 30th day of June, 2016.



[Signature]
Marie C. Tetreault, Notary Public

This Power of Attorney is granted under and by the authority of the following resolutions adopted by the Boards of Directors of Farmington Casualty Company, Fidelity and Guaranty Insurance Company, Fidelity and Guaranty Insurance Underwriters, Inc., St. Paul Fire and Marine Insurance Company, St. Paul Guardian Insurance Company, St. Paul Mercury Insurance Company, Travelers Casualty and Surety Company, Travelers Casualty and Surety Company of America, and United States Fidelity and Guaranty Company, which resolutions are now in full force and effect, reading as follows:

RESOLVED, that the Chairman, the President, any Vice Chairman, any Executive Vice President, any Senior Vice President, any Vice President, any Second Vice President, the Treasurer, any Assistant Treasurer, the Corporate Secretary or any Assistant Secretary may appoint Attorneys-in-Fact and Agents to act for and on behalf of the Company and may give such appointee such authority as his or her certificate of authority may prescribe to sign with the Company's name and seal with the Company's seal bonds, recognizances, contracts of indemnity, and other writings obligatory in the nature of a bond, recognizance, or conditional undertaking, and any of said officers or the Board of Directors at any time may remove any such appointee and revoke the power given him or her; and it is

FURTHER RESOLVED, that the Chairman, the President, any Vice Chairman, any Executive Vice President, any Senior Vice President or any Vice President may delegate all or any part of the foregoing authority to one or more officers or employees of this Company, provided that each such delegation is in writing and a copy thereof is filed in the office of the Secretary; and it is

FURTHER RESOLVED, that any bond, recognizance, contract of indemnity, or writing obligatory in the nature of a bond, recognizance, or conditional undertaking shall be valid and binding upon the Company when (a) signed by the President, any Vice Chairman, any Executive Vice President, any Senior Vice President or any Vice President, any Second Vice President, the Treasurer, any Assistant Treasurer, the Corporate Secretary or any Assistant Secretary and duly attested and sealed with the Company's seal by a Secretary or Assistant Secretary; or (b) duly executed (under seal, if required) by one or more Attorneys-in-Fact and Agents pursuant to the power prescribed in his or her certificate or their certificates of authority or by one or more Company officers pursuant to a written delegation of authority; and it is

FURTHER RESOLVED, that the signature of each of the following officers: President, any Executive Vice President, any Senior Vice President, any Vice President, any Assistant Vice President, any Secretary, any Assistant Secretary, and the seal of the Company may be affixed by facsimile to any Power of Attorney or to any certificate relating thereto appointing Resident Vice Presidents, Resident Assistant Secretaries or Attorneys-in-Fact for purposes only of executing and attesting bonds and undertakings and other writings obligatory in the nature thereof, and any such Power of Attorney or certificate bearing such facsimile signature or facsimile seal shall be valid and binding upon the Company and any such power so executed and certified by such facsimile signature and facsimile seal shall be valid and binding on the Company in the future with respect to any bond or understanding to which it is attached.

I, Kevin E. Hughes, the undersigned, Assistant Secretary, of Farmington Casualty Company, Fidelity and Guaranty Insurance Company, Fidelity and Guaranty Insurance Underwriters, Inc., St. Paul Fire and Marine Insurance Company, St. Paul Guardian Insurance Company, St. Paul Mercury Insurance Company, Travelers Casualty and Surety Company, Travelers Casualty and Surety Company of America, and United States Fidelity and Guaranty Company 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 in full force and effect and has not been revoked.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed the seals of said Companies this 3rd day of February, 2016.

WARNING: THIS POWER OF ATTORNEY IS INVALID WITHOUT THE RED BORDER


Kevin E. Hughes, Assistant Secretary



To verify the authenticity of this Power of Attorney, call 1-800-421-3880 or contact us at www.travelersbond.com. Please refer to the Attorney-In-Fact number, the above-named individuals and the details of the bond to which the power is attached.



IMPORTANT NOTICE

TO OBTAIN INFORMATION OR MAKE A COMPLAINT:

You may contact Travelers Casualty & Surety Company of America, Travelers Casualty & Surety Company, Travelers Indemnity Company, Standard Fire Insurance Company and/or Farmington Casualty Company for information or to make a complaint at:

Travelers Bond
Attn: Claims
1500 Market Street
West Tower, Suite 2900
Philadelphia, PA 19102

(267) 675-3130
(267) 675-3102 Fax

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

Texas Department of Insurance
P.O. Box 149104
Austin, TX 78714-9104

(800) 252-3439

ATTACH THIS NOTICE TO YOUR BOND. This notice is for information only and does not become a part or a condition of the attached document and is given to comply with Section 2253-021, Government Code, and Section 53.202, Property Code, effective September 1, 2001.