

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 Meyer, seconded by Commissioner Morison, 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 inspection

Mail notices to: Permit Administrator
Fort Bend County Engineering
301 Jackson Street
Richmond, Texas 77469
281-633-7500
3. This permit expires one (1) year from date of permit if construction has not commenced.

By: _____

C. Mundy O. Del
County Engineer

Presented to Commissioners Court and approved.

Recorded in Volume
2-23-16 - 13K
Minutes of Commissioners Court

By: _____

N/A

Drainage District Engineer/Manager

Clerk of Commissioners Court

By: _____

Kandy Wilks
Deputy

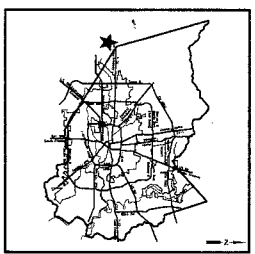
FORT BEND COUNTY M.U.D. No. 185
CITY OF HOUSTON E.T.J.

GASTON FALCON LANDING RETAIL - PHASE 1

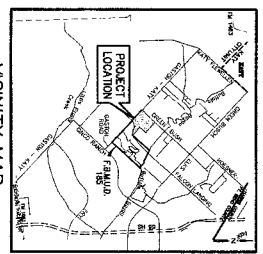
KROGER SW121

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

DECEMBER 2015



LOCATION MAP



VICINITY MAP

THE CONTRACTOR WILL NOTIFY THE DISTRICT OPERATOR (MICHAEL J. KAMEL, DISTRICT OPERATOR, FORT BEND COUNTY M.U.D. NO. 185, 15000 W. STATE HIGHWAY 291, SUITE 100, HOUSTON, TEXAS 77058) AND THE CITY ENGINEER, AT (281) 528-8700 AT LEAST 24 HOURS PRIOR TO COMMENCING CONSTRUCTION. A REPRESENTATIVE OF THE DISTRICT OPERATOR'S OFFICE SHALL BE PRESENT AT ANY CONNECTIONS TO THE DISTRICT'S FACILITIES.

SHEET INDEX

NO.	DESCRIPTION
C10	GENERAL NOTES
C11	CONSTRUCTION NOTES
C12	EXISTING CONDITIONS (REFERENCE ONLY)
C13	PAVEMENT PLAN
C14	PAVEMENT PREPARATION PLAN
C15	BUILDING INTERFERENCE PLAN 1
C16	BUILDING INTERFERENCE PLAN 2
C17	DIRECTIONAL CONTROL PLAN 1
C18	DIRECTIONAL CONTROL PLAN 2
C19	GRADING PLAN 1
C20	GRADING PLAN 2
C21	UTILITY PLAN 1
C22	UTILITY PLAN 2
C23	CONCRETE PLAN 1
C24	CONCRETE PLAN 2
C25	DRAINAGE AREA MAP CALCULATIONS - 2.5% SLOPE
C26	DRAINAGE AREA MAP CALCULATIONS - 10% SLOPE
C27	PAVEMENT LAYOUT 1
C28	PAVEMENT LAYOUT 2
C29	STORM WATER POLLUTION PREVENTION PLAN PAGE 1
C30	STORM WATER POLLUTION PREVENTION PLAN PAGE 2
C31	WATER LINE DETAILS
C32	SEWER LINE DETAILS
C33	STORM SEWER DETAILS
C34	STREET DETAILS
C35	STREET LIGHTS
C36	LEFT TURN LANE - SANITARY SEWER AND STORM SEWER
C37	LEFT TURN LANE - SANITARY SEWER AND STORM SEWER
C38	TRAVEL CONTROL PLAN - FALCON LANDING ROAD
C39	ELECTRICAL SITE PLAN
C40	ELECTRICAL SCHEDULES, NOTES AND DETAILS
E10	ELECTRICAL SCHEDULES, NOTES AND DETAILS
E11	ELECTRICAL SCHEDULES, NOTES AND DETAILS
E12	ELECTRICAL SCHEDULES, NOTES AND DETAILS
E13	ELECTRICAL SCHEDULES, NOTES AND DETAILS
E14	ELECTRICAL SCHEDULES, NOTES AND DETAILS
E15	ELECTRICAL SCHEDULES, NOTES AND DETAILS
E16	ELECTRICAL SCHEDULES, NOTES AND DETAILS
E17	ELECTRICAL SCHEDULES, NOTES AND DETAILS
E18	ELECTRICAL SCHEDULES, NOTES AND DETAILS
E19	ELECTRICAL SCHEDULES, NOTES AND DETAILS
E20	ELECTRICAL SCHEDULES, NOTES AND DETAILS
E21	ELECTRICAL SCHEDULES, NOTES AND DETAILS
E22	ELECTRICAL SCHEDULES, NOTES AND DETAILS
E23	ELECTRICAL SCHEDULES, NOTES AND DETAILS
E24	ELECTRICAL SCHEDULES, NOTES AND DETAILS
E25	ELECTRICAL SCHEDULES, NOTES AND DETAILS
E26	ELECTRICAL SCHEDULES, NOTES AND DETAILS
E27	ELECTRICAL SCHEDULES, NOTES AND DETAILS
E28	ELECTRICAL SCHEDULES, NOTES AND DETAILS
E29	ELECTRICAL SCHEDULES, NOTES AND DETAILS
E30	ELECTRICAL SCHEDULES, NOTES AND DETAILS
E31	ELECTRICAL SCHEDULES, NOTES AND DETAILS
E32	ELECTRICAL SCHEDULES, NOTES AND DETAILS
E33	ELECTRICAL SCHEDULES, NOTES AND DETAILS
E34	ELECTRICAL SCHEDULES, NOTES AND DETAILS
E35	ELECTRICAL SCHEDULES, NOTES AND DETAILS
E36	ELECTRICAL SCHEDULES, NOTES AND DETAILS
E37	ELECTRICAL SCHEDULES, NOTES AND DETAILS
E38	ELECTRICAL SCHEDULES, NOTES AND DETAILS
E39	ELECTRICAL SCHEDULES, NOTES AND DETAILS
E40	ELECTRICAL SCHEDULES, NOTES AND DETAILS
E41	ELECTRICAL SCHEDULES, NOTES AND DETAILS
E42	ELECTRICAL SCHEDULES, NOTES AND DETAILS
E43	ELECTRICAL SCHEDULES, NOTES AND DETAILS
E44	ELECTRICAL SCHEDULES, NOTES AND DETAILS
E45	ELECTRICAL SCHEDULES, NOTES AND DETAILS
E46	ELECTRICAL SCHEDULES, NOTES AND DETAILS
E47	ELECTRICAL SCHEDULES, NOTES AND DETAILS
E48	ELECTRICAL SCHEDULES, NOTES AND DETAILS
E49	ELECTRICAL SCHEDULES, NOTES AND DETAILS
E50	ELECTRICAL SCHEDULES, NOTES AND DETAILS
E51	ELECTRICAL SCHEDULES, NOTES AND DETAILS
E52	ELECTRICAL SCHEDULES, NOTES AND DETAILS
E53	ELECTRICAL SCHEDULES, NOTES AND DETAILS
E54	ELECTRICAL SCHEDULES, NOTES AND DETAILS
E55	ELECTRICAL SCHEDULES, NOTES AND DETAILS
E56	ELECTRICAL SCHEDULES, NOTES AND DETAILS
E57	ELECTRICAL SCHEDULES, NOTES AND DETAILS
E58	ELECTRICAL SCHEDULES, NOTES AND DETAILS
E59	ELECTRICAL SCHEDULES, NOTES AND DETAILS
E60	ELECTRICAL SCHEDULES, NOTES AND DETAILS
E61	ELECTRICAL SCHEDULES, NOTES AND DETAILS
E62	ELECTRICAL SCHEDULES, NOTES AND DETAILS
E63	ELECTRICAL SCHEDULES, NOTES AND DETAILS
E64	ELECTRICAL SCHEDULES, NOTES AND DETAILS
E65	ELECTRICAL SCHEDULES, NOTES AND DETAILS
E66	ELECTRICAL SCHEDULES, NOTES AND DETAILS
E67	ELECTRICAL SCHEDULES, NOTES AND DETAILS
E68	ELECTRICAL SCHEDULES, NOTES AND DETAILS
E69	ELECTRICAL SCHEDULES, NOTES AND DETAILS
E70	ELECTRICAL SCHEDULES, NOTES AND DETAILS
E71	ELECTRICAL SCHEDULES, NOTES AND DETAILS
E72	ELECTRICAL SCHEDULES, NOTES AND DETAILS
E73	ELECTRICAL SCHEDULES, NOTES AND DETAILS
E74	ELECTRICAL SCHEDULES, NOTES AND DETAILS
E75	ELECTRICAL SCHEDULES, NOTES AND DETAILS
E76	ELECTRICAL SCHEDULES, NOTES AND DETAILS
E77	ELECTRICAL SCHEDULES, NOTES AND DETAILS
E78	ELECTRICAL SCHEDULES, NOTES AND DETAILS
E79	ELECTRICAL SCHEDULES, NOTES AND DETAILS
E80	ELECTRICAL SCHEDULES, NOTES AND DETAILS
E81	ELECTRICAL SCHEDULES, NOTES AND DETAILS
E82	ELECTRICAL SCHEDULES, NOTES AND DETAILS
E83	ELECTRICAL SCHEDULES, NOTES AND DETAILS
E84	ELECTRICAL SCHEDULES, NOTES AND DETAILS
E85	ELECTRICAL SCHEDULES, NOTES AND DETAILS
E86	ELECTRICAL SCHEDULES, NOTES AND DETAILS
E87	ELECTRICAL SCHEDULES, NOTES AND DETAILS
E88	ELECTRICAL SCHEDULES, NOTES AND DETAILS
E89	ELECTRICAL SCHEDULES, NOTES AND DETAILS
E90	ELECTRICAL SCHEDULES, NOTES AND DETAILS
E91	ELECTRICAL SCHEDULES, NOTES AND DETAILS
E92	ELECTRICAL SCHEDULES, NOTES AND DETAILS
E93	ELECTRICAL SCHEDULES, NOTES AND DETAILS
E94	ELECTRICAL SCHEDULES, NOTES AND DETAILS
E95	ELECTRICAL SCHEDULES, NOTES AND DETAILS
E96	ELECTRICAL SCHEDULES, NOTES AND DETAILS
E97	ELECTRICAL SCHEDULES, NOTES AND DETAILS
E98	ELECTRICAL SCHEDULES, NOTES AND DETAILS
E99	ELECTRICAL SCHEDULES, NOTES AND DETAILS
E100	ELECTRICAL SCHEDULES, NOTES AND DETAILS
L-1	SITE LANSCAPE PLAN
L-2	SITE LANSCAPE PLAN
L-3	SITE LANSCAPE PLAN
L-4	SITE LANSCAPE PLAN
L-5	SITE LANSCAPE PLAN
L-6	SITE LANSCAPE PLAN
L-7	SITE LANSCAPE PLAN
L-8	SITE LANSCAPE PLAN
L-9	SITE LANSCAPE PLAN
L-10	SITE LANSCAPE PLAN
L-11	SITE LANSCAPE PLAN
L-12	SITE LANSCAPE PLAN
L-13	SITE LANSCAPE PLAN
L-14	SITE LANSCAPE PLAN
L-15	SITE LANSCAPE PLAN
L-16	SITE LANSCAPE PLAN
L-17	SITE LANSCAPE PLAN
L-18	SITE LANSCAPE PLAN
L-19	SITE LANSCAPE PLAN
L-20	SITE LANSCAPE PLAN
L-21	SITE LANSCAPE PLAN
L-22	SITE LANSCAPE PLAN
L-23	SITE LANSCAPE PLAN
L-24	SITE LANSCAPE PLAN
L-25	SITE LANSCAPE PLAN
L-26	SITE LANSCAPE PLAN
L-27	SITE LANSCAPE PLAN
L-28	SITE LANSCAPE PLAN
L-29	SITE LANSCAPE PLAN
L-30	SITE LANSCAPE PLAN
L-31	SITE LANSCAPE PLAN
L-32	SITE LANSCAPE PLAN
L-33	SITE LANSCAPE PLAN
L-34	SITE LANSCAPE PLAN
L-35	SITE LANSCAPE PLAN
L-36	SITE LANSCAPE PLAN
L-37	SITE LANSCAPE PLAN
L-38	SITE LANSCAPE PLAN
L-39	SITE LANSCAPE PLAN
L-40	SITE LANSCAPE PLAN
L-41	SITE LANSCAPE PLAN
L-42	SITE LANSCAPE PLAN
L-43	SITE LANSCAPE PLAN
L-44	SITE LANSCAPE PLAN
L-45	SITE LANSCAPE PLAN
L-46	SITE LANSCAPE PLAN
L-47	SITE LANSCAPE PLAN
L-48	SITE LANSCAPE PLAN
L-49	SITE LANSCAPE PLAN
L-50	SITE LANSCAPE PLAN
L-51	SITE LANSCAPE PLAN
L-52	SITE LANSCAPE PLAN
L-53	SITE LANSCAPE PLAN
L-54	SITE LANSCAPE PLAN
L-55	SITE LANSCAPE PLAN
L-56	SITE LANSCAPE PLAN
L-57	SITE LANSCAPE PLAN
L-58	SITE LANSCAPE PLAN
L-59	SITE LANSCAPE PLAN
L-60	SITE LANSCAPE PLAN
L-61	SITE LANSCAPE PLAN
L-62	SITE LANSCAPE PLAN
L-63	SITE LANSCAPE PLAN
L-64	SITE LANSCAPE PLAN
L-65	SITE LANSCAPE PLAN
L-66	SITE LANSCAPE PLAN
L-67	SITE LANSCAPE PLAN
L-68	SITE LANSCAPE PLAN
L-69	SITE LANSCAPE PLAN
L-70	SITE LANSCAPE PLAN
L-71	SITE LANSCAPE PLAN
L-72	SITE LANSCAPE PLAN
L-73	SITE LANSCAPE PLAN
L-74	SITE LANSCAPE PLAN
L-75	SITE LANSCAPE PLAN
L-76	SITE LANSCAPE PLAN
L-77	SITE LANSCAPE PLAN
L-78	SITE LANSCAPE PLAN
L-79	SITE LANSCAPE PLAN
L-80	SITE LANSCAPE PLAN
L-81	SITE LANSCAPE PLAN
L-82	SITE LANSCAPE PLAN
L-83	SITE LANSCAPE PLAN
L-84	SITE LANSCAPE PLAN
L-85	SITE LANSCAPE PLAN
L-86	SITE LANSCAPE PLAN
L-87	SITE LANSCAPE PLAN
L-88	SITE LANSCAPE PLAN
L-89	SITE LANSCAPE PLAN
L-90	SITE LANSCAPE PLAN
L-91	SITE LANSCAPE PLAN
L-92	SITE LANSCAPE PLAN
L-93	SITE LANSCAPE PLAN
L-94	SITE LANSCAPE PLAN
L-95	SITE LANSCAPE PLAN
L-96	SITE LANSCAPE PLAN
L-97	SITE LANSCAPE PLAN
L-98	SITE LANSCAPE PLAN
L-99	SITE LANSCAPE PLAN
L-100	SITE LANSCAPE PLAN



Brown & Gay Engineers, Inc.
10777 Westheimer, Suite 400, Houston, TX 77042
Tel: 281-558-8700 • www.browngay.com
TBPB Registration No. F-1046

Copyright 2015

FORT BEND COUNTY ENGINEER
ENGINEER: *Richard W. Stollers, P.E.*
DATE: 11/11/15
THESE SIGNATURES ARE VOID IF CONSTRUCTION HAS NOT COMMENCED IN (1) YEAR FROM DATE OF APPROVAL.

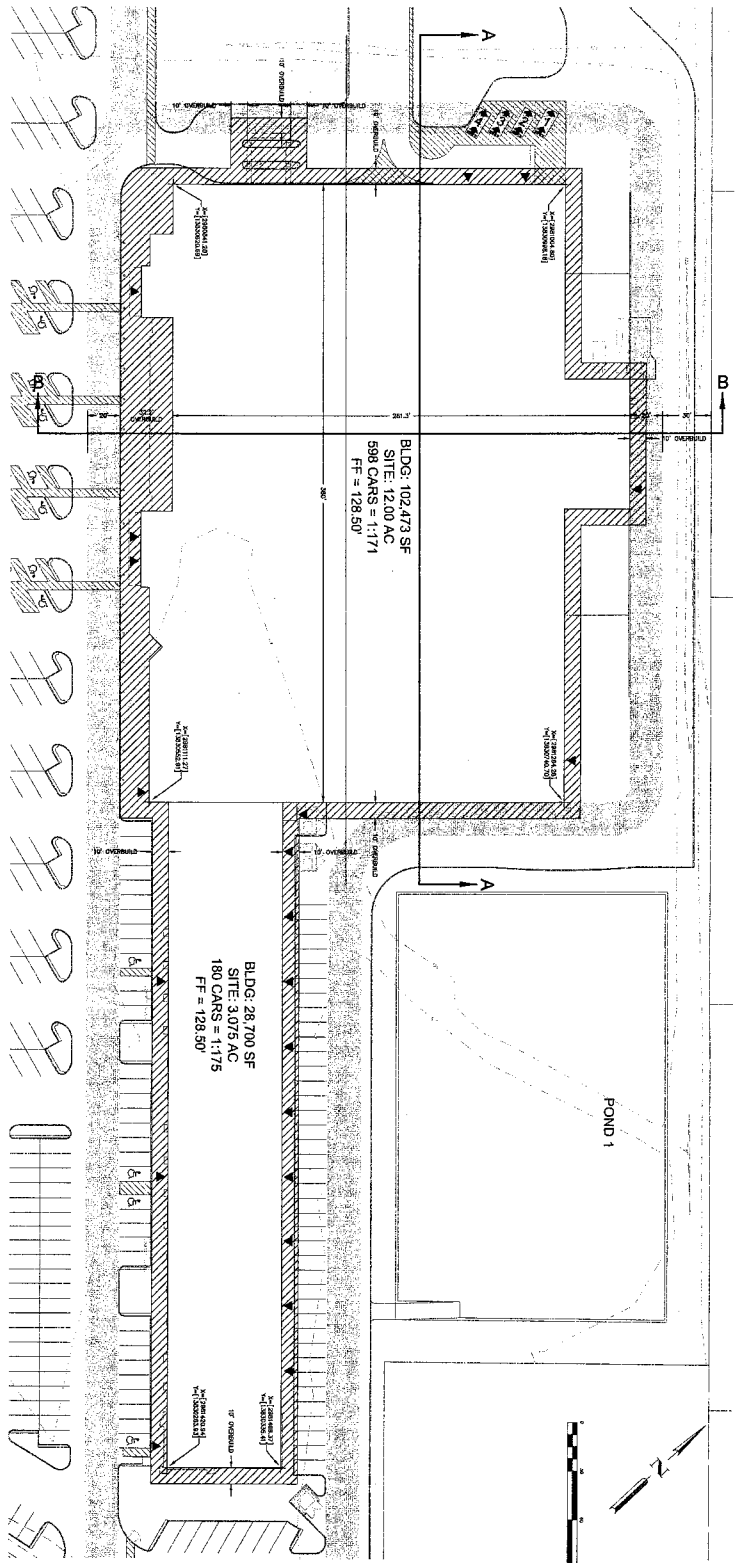
APPROVED: *[Signature]*
Development Coordinator
DATE: 11/11/15

ONE-CALL NOTIFICATION SYSTEM
CALL BEFORE YOU DIG!!
800-368-5888
www.callbeforeyoudig.com

QUALITY CONTROL:
CENTREPOINT ELECTRIC
OVERHEAD REP
281-391-5114
ANAM MCCORMACK
713-660-0000
CONCRETE CONSULTANTS
281-391-9339
CONCRETE CONSULTANTS
DIRECTOR OUTSIDE PLANT ENGR
281-391-9371

BCE
Brown & Gay Engineers, Inc.
10777 Westheimer, Suite 400, Houston, TX 77042
Tel: 281-558-8700 • www.browngay.com
TBPB Registration No. F-1046

SHEET 0 of 23

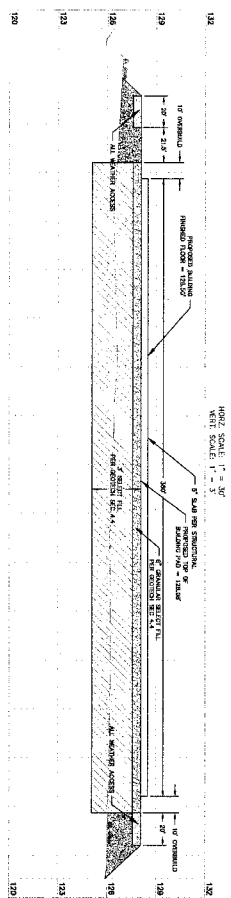


NOTES:

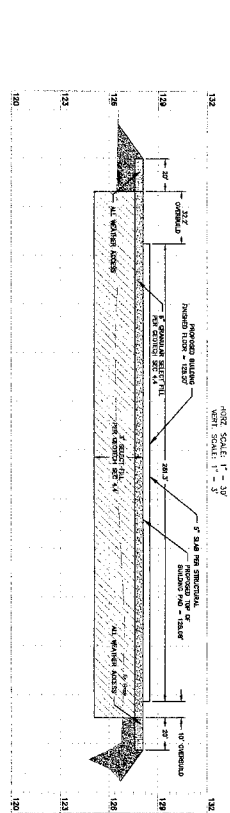
1. CONSULT THE ENGINEER FOR INFORMATION ON THE LOCATION OF THE BUILDING FOOTPRINTS AND THE LOCATION OF THE BUILDING FOOTPRINTS.
2. CONSULT THE ENGINEER FOR INFORMATION ON THE LOCATION OF THE BUILDING FOOTPRINTS AND THE LOCATION OF THE BUILDING FOOTPRINTS.
3. CONSULT THE ENGINEER FOR INFORMATION ON THE LOCATION OF THE BUILDING FOOTPRINTS AND THE LOCATION OF THE BUILDING FOOTPRINTS.
4. CONSULT THE ENGINEER FOR INFORMATION ON THE LOCATION OF THE BUILDING FOOTPRINTS AND THE LOCATION OF THE BUILDING FOOTPRINTS.
5. CONSULT THE ENGINEER FOR INFORMATION ON THE LOCATION OF THE BUILDING FOOTPRINTS AND THE LOCATION OF THE BUILDING FOOTPRINTS.
6. CONSULT THE ENGINEER FOR INFORMATION ON THE LOCATION OF THE BUILDING FOOTPRINTS AND THE LOCATION OF THE BUILDING FOOTPRINTS.
7. CONSULT THE ENGINEER FOR INFORMATION ON THE LOCATION OF THE BUILDING FOOTPRINTS AND THE LOCATION OF THE BUILDING FOOTPRINTS.
8. CONSULT THE ENGINEER FOR INFORMATION ON THE LOCATION OF THE BUILDING FOOTPRINTS AND THE LOCATION OF THE BUILDING FOOTPRINTS.
9. CONSULT THE ENGINEER FOR INFORMATION ON THE LOCATION OF THE BUILDING FOOTPRINTS AND THE LOCATION OF THE BUILDING FOOTPRINTS.
10. CONSULT THE ENGINEER FOR INFORMATION ON THE LOCATION OF THE BUILDING FOOTPRINTS AND THE LOCATION OF THE BUILDING FOOTPRINTS.
11. CONSULT THE ENGINEER FOR INFORMATION ON THE LOCATION OF THE BUILDING FOOTPRINTS AND THE LOCATION OF THE BUILDING FOOTPRINTS.
12. CONSULT THE ENGINEER FOR INFORMATION ON THE LOCATION OF THE BUILDING FOOTPRINTS AND THE LOCATION OF THE BUILDING FOOTPRINTS.
13. CONSULT THE ENGINEER FOR INFORMATION ON THE LOCATION OF THE BUILDING FOOTPRINTS AND THE LOCATION OF THE BUILDING FOOTPRINTS.
14. CONSULT THE ENGINEER FOR INFORMATION ON THE LOCATION OF THE BUILDING FOOTPRINTS AND THE LOCATION OF THE BUILDING FOOTPRINTS.
15. CONSULT THE ENGINEER FOR INFORMATION ON THE LOCATION OF THE BUILDING FOOTPRINTS AND THE LOCATION OF THE BUILDING FOOTPRINTS.

BLDG: 102,473 SF
SITE: 12,00 AC
598 CARS = 1:171
FF = 128.50'

BLDG: 28,700 SF
SITE: 3,075 AC
180 CARS = 1:175
FF = 128.50'



CROSS SECTION A-A



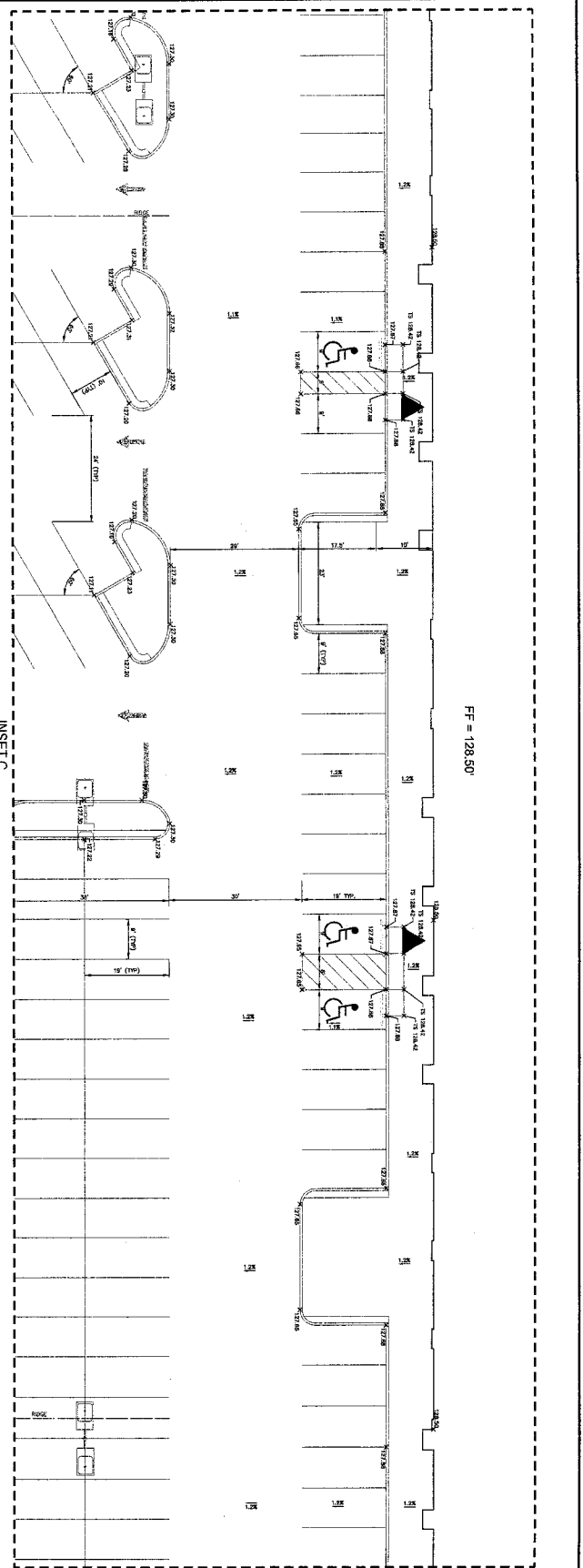
CROSS SECTION B-B

ONE-CALL NOTIFICATION SYSTEM
CALL BEFORE YOU DIG!!!
(See Florida Statute 348.04(1))

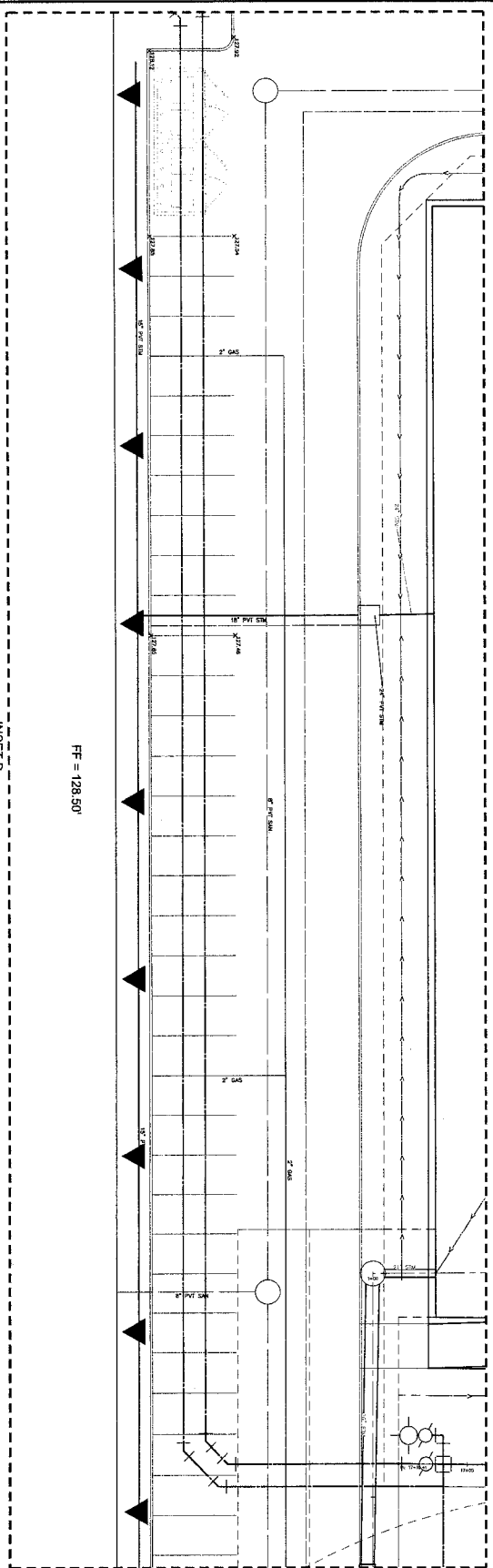
APPROVED: [Signature]
DATE: 1/16

ECF	Engineering & Construction Firm
Fort Bend County M.U.B. 185	Fort Bend County, Texas
GASTON FALCON	Project Name
LANDING RETAIL	Project Name
KROGER SW121	Project Name
PAD PREPARATION	Project Name
PLAN	Project Name

JOB NUMBER:	CV-1000000000-000
DATE:	1/16
SCALE:	AS SHOWN
DATE:	1/16



INSET C
1-10



INSET D
1-10

ONE-CALL NOTIFICATION SYSTEM
CALL BEFORE YOU DIG!
(New South Carolina Law Effective 10/1/03)

APPROVED: *[Signature]*
DATE: 1/4/11

EC3
Engineering & Construction, Inc.
12000 Highway 101, Suite 100
Charlotte, NC 28226
Phone: 704.541.1100
Fax: 704.541.1101
www.ec3inc.com

Fort Bend County M.U.D. 185
GASTON FALCON
LANDING RETAIL
KROGER SW121
SITE BUILDING 2
INTERFACE PLAN 2

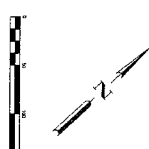
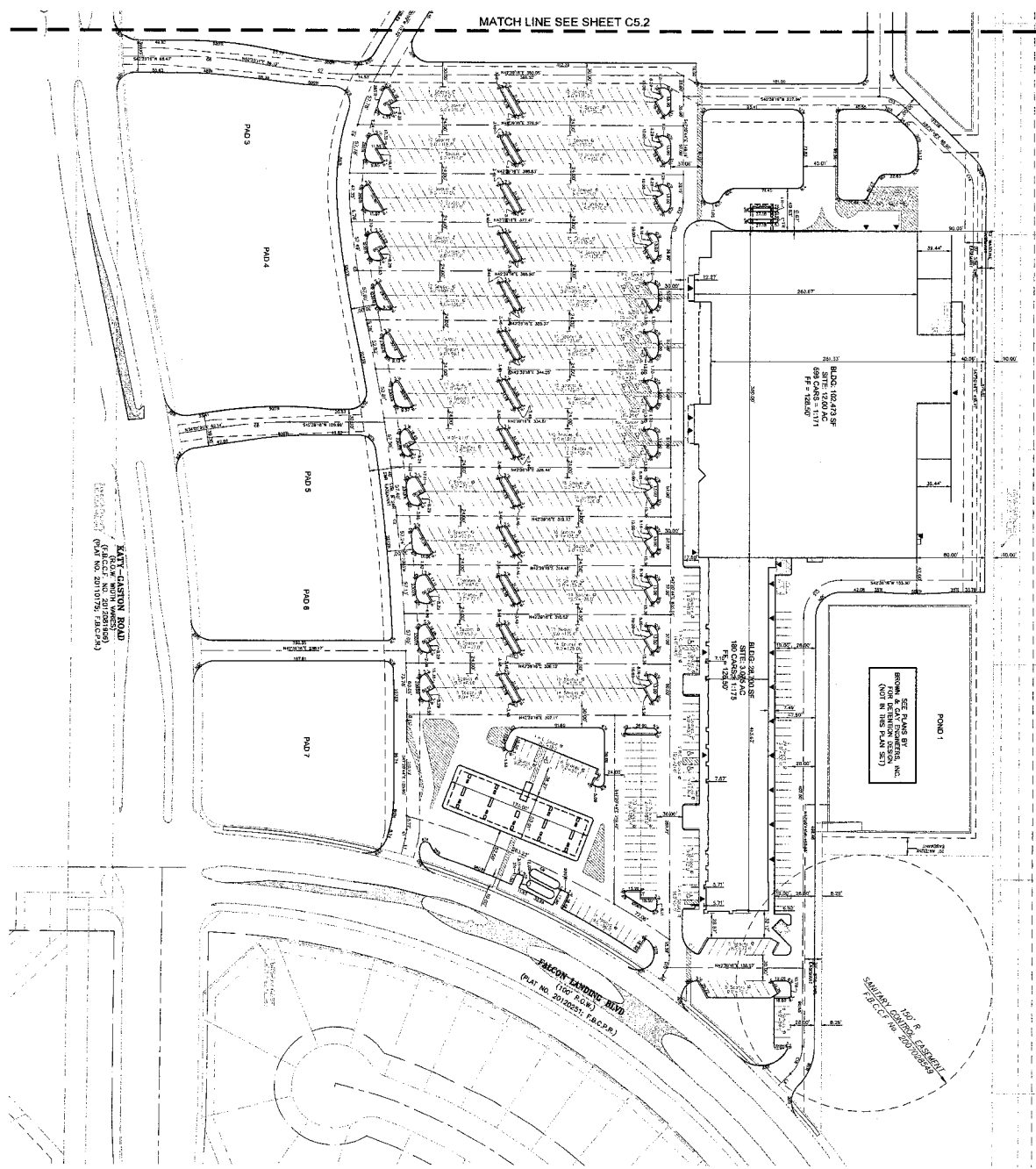
JOB NUMBER: (C) VANDERSTYVEREN-03
DRAWN BY: JAS
CHECKED BY: JAS
DATE: 01.03.11
SCALE: AS SHOWN
DATE: 01.03.11

As shown on this plan, the location of all existing and proposed utility lines shall be as shown. The utility owner shall be responsible for the accuracy of the utility location information. The utility owner shall be responsible for the accuracy of the utility location information.

VERIFICATION OF TRAVEL JUNCT LINES

NO.	DATE	DESCRIPTION	BY
1	01/03/11	ISSUED FOR SET	JAS

MATCH LINE SEE SHEET C5.2



NOTICE: THIS DOCUMENT IS THE PROPERTY OF BROWN & LATT ENGINEERS, INC. AND IS NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN PERMISSION OF BROWN & LATT ENGINEERS, INC. THIS DOCUMENT IS THE PROPERTY OF BROWN & LATT ENGINEERS, INC. AND IS NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN PERMISSION OF BROWN & LATT ENGINEERS, INC. THIS DOCUMENT IS THE PROPERTY OF BROWN & LATT ENGINEERS, INC. AND IS NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN PERMISSION OF BROWN & LATT ENGINEERS, INC.

NO.	DESCRIPTION	DATE	BY	CHKD.
1	ISSUED FOR PERMIT	11/11/11	JL	ML
2	REVISION			
3	REVISION			
4	REVISION			
5	REVISION			
6	REVISION			
7	REVISION			
8	REVISION			
9	REVISION			
10	REVISION			
11	REVISION			
12	REVISION			
13	REVISION			
14	REVISION			
15	REVISION			
16	REVISION			
17	REVISION			
18	REVISION			
19	REVISION			
20	REVISION			

ONE-CALL NOTIFICATION SYSTEM
CALL BEFORE YOU DIG!!
(New York State Uniform Call Before You Dig Law)

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

EG2
Engineering & Construction
200 West 10th Street
New York, NY 10011
Tel: 212-261-1000
Fax: 212-261-1001
www.eg2.com

FOR FORT BEND COUNTY M.U.D. 185
GASTON FALCON LANDING RETAIL
KROGER SW121
DIMENSION CONTROL PLAN 1

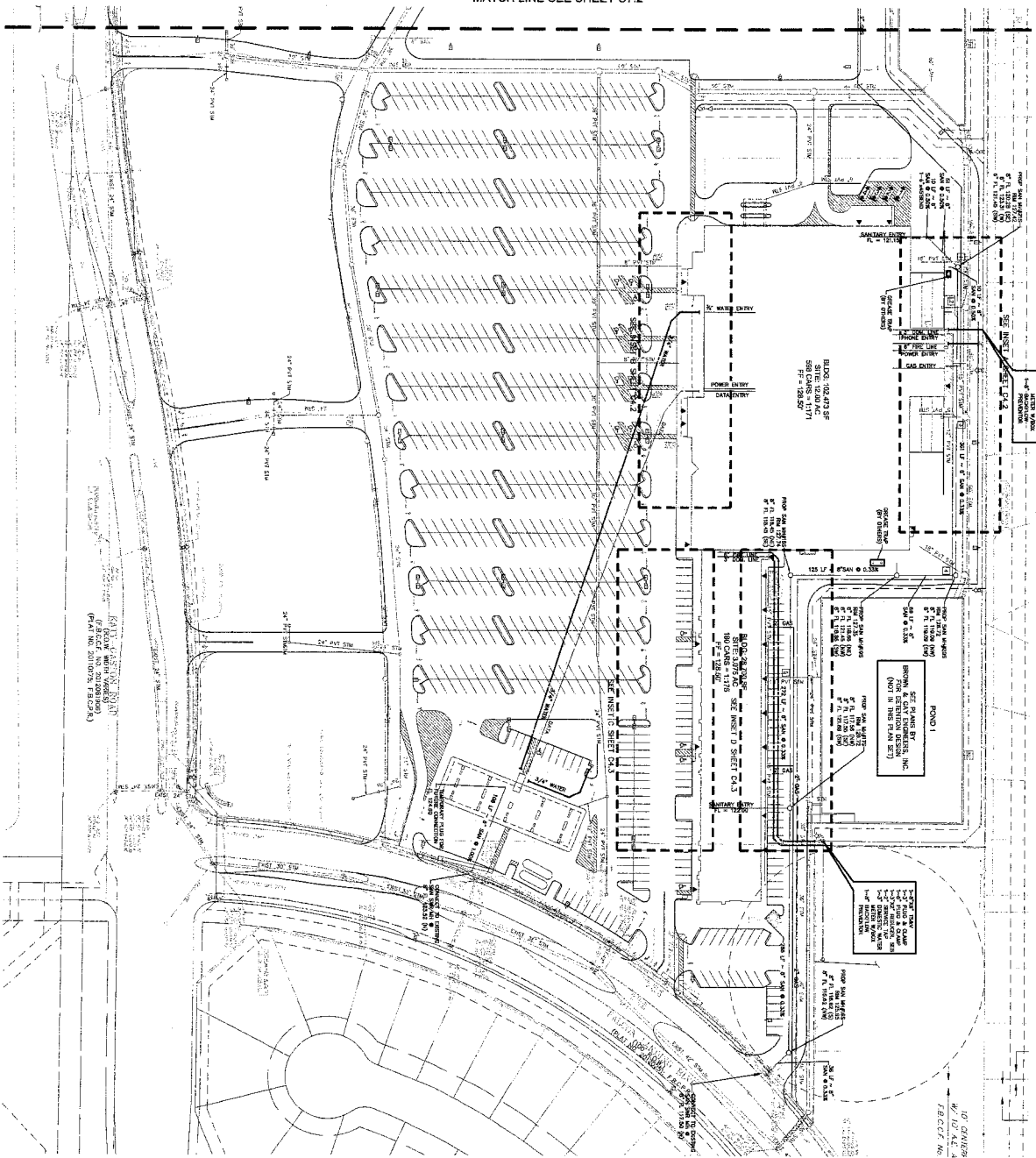
JOHN NUMBER: [Name]
PROJECT NO.: [Number]
DATE: [Date]

KITTY-CASTON ROAD
(P.L. NO. 20100217) (R.O.W.)
(P.L. NO. 20100217) (R.O.W.)
(P.L. NO. 20100217) (R.O.W.)

FALCON LANDING BLVD
(P.L. NO. 20100217) (R.O.W.)

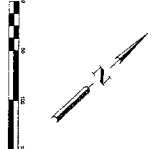
SMATHERS-GORDON ROAD
(P.L. NO. 20100217) (R.O.W.)

MATCH LINE SEE SHEET C7.2




LEGEND

- PROPOSED WATER MAIN, 6" DIA. & NEW EXISTING WATER MAIN
- EXISTING WATER MAIN, 6" DIA. & NEW EXISTING WATER MAIN
- PROPOSED SEWER MAIN, 12" DIA. & NEW EXISTING SEWER MAIN
- EXISTING SEWER MAIN, 12" DIA. & NEW EXISTING SEWER MAIN
- PROPOSED STORM MAIN, 18" DIA. & NEW EXISTING STORM MAIN
- EXISTING STORM MAIN, 18" DIA. & NEW EXISTING STORM MAIN
- PROPOSED GAS MAIN, 8" DIA. & NEW EXISTING GAS MAIN
- EXISTING GAS MAIN, 8" DIA. & NEW EXISTING GAS MAIN
- PROPOSED UTILITY MAIN, 6" DIA. & NEW EXISTING UTILITY MAIN
- EXISTING UTILITY MAIN, 6" DIA. & NEW EXISTING UTILITY MAIN
- PROPOSED WATER MAIN, 6" DIA. & NEW EXISTING WATER MAIN
- EXISTING WATER MAIN, 6" DIA. & NEW EXISTING WATER MAIN
- PROPOSED SEWER MAIN, 12" DIA. & NEW EXISTING SEWER MAIN
- EXISTING SEWER MAIN, 12" DIA. & NEW EXISTING SEWER MAIN
- PROPOSED STORM MAIN, 18" DIA. & NEW EXISTING STORM MAIN
- EXISTING STORM MAIN, 18" DIA. & NEW EXISTING STORM MAIN
- PROPOSED GAS MAIN, 8" DIA. & NEW EXISTING GAS MAIN
- EXISTING GAS MAIN, 8" DIA. & NEW EXISTING GAS MAIN
- PROPOSED UTILITY MAIN, 6" DIA. & NEW EXISTING UTILITY MAIN
- EXISTING UTILITY MAIN, 6" DIA. & NEW EXISTING UTILITY MAIN



NOTES:
 1. THE INFORMATION CONTAINED HEREIN IS FOR THE USE OF THE CLIENT ONLY. THE ENGINEER ASSUMES NO LIABILITY FOR THE USE OF THIS INFORMATION FOR ANY OTHER PURPOSE.
 2. THE ENGINEER HAS CONDUCTED A VISUAL GENERAL SURVEY OF THE SITE AND HAS FOUND NO OBVIOUS OBSTACLES TO THE PROPOSED WORK.
 3. THE ENGINEER HAS CONDUCTED A VISUAL GENERAL SURVEY OF THE SITE AND HAS FOUND NO OBVIOUS OBSTACLES TO THE PROPOSED WORK.
 4. THE ENGINEER HAS CONDUCTED A VISUAL GENERAL SURVEY OF THE SITE AND HAS FOUND NO OBVIOUS OBSTACLES TO THE PROPOSED WORK.
 5. THE ENGINEER HAS CONDUCTED A VISUAL GENERAL SURVEY OF THE SITE AND HAS FOUND NO OBVIOUS OBSTACLES TO THE PROPOSED WORK.
 6. THE ENGINEER HAS CONDUCTED A VISUAL GENERAL SURVEY OF THE SITE AND HAS FOUND NO OBVIOUS OBSTACLES TO THE PROPOSED WORK.
 7. THE ENGINEER HAS CONDUCTED A VISUAL GENERAL SURVEY OF THE SITE AND HAS FOUND NO OBVIOUS OBSTACLES TO THE PROPOSED WORK.
 8. THE ENGINEER HAS CONDUCTED A VISUAL GENERAL SURVEY OF THE SITE AND HAS FOUND NO OBVIOUS OBSTACLES TO THE PROPOSED WORK.
 9. THE ENGINEER HAS CONDUCTED A VISUAL GENERAL SURVEY OF THE SITE AND HAS FOUND NO OBVIOUS OBSTACLES TO THE PROPOSED WORK.
 10. THE ENGINEER HAS CONDUCTED A VISUAL GENERAL SURVEY OF THE SITE AND HAS FOUND NO OBVIOUS OBSTACLES TO THE PROPOSED WORK.

APPROVED: 
 DATE: 1/14/16

ONE-CALL NOTIFICATION SYSTEM
 CALL BEFORE YOU DIG!
 One-Call System (800) 487-3839

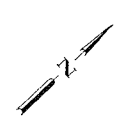
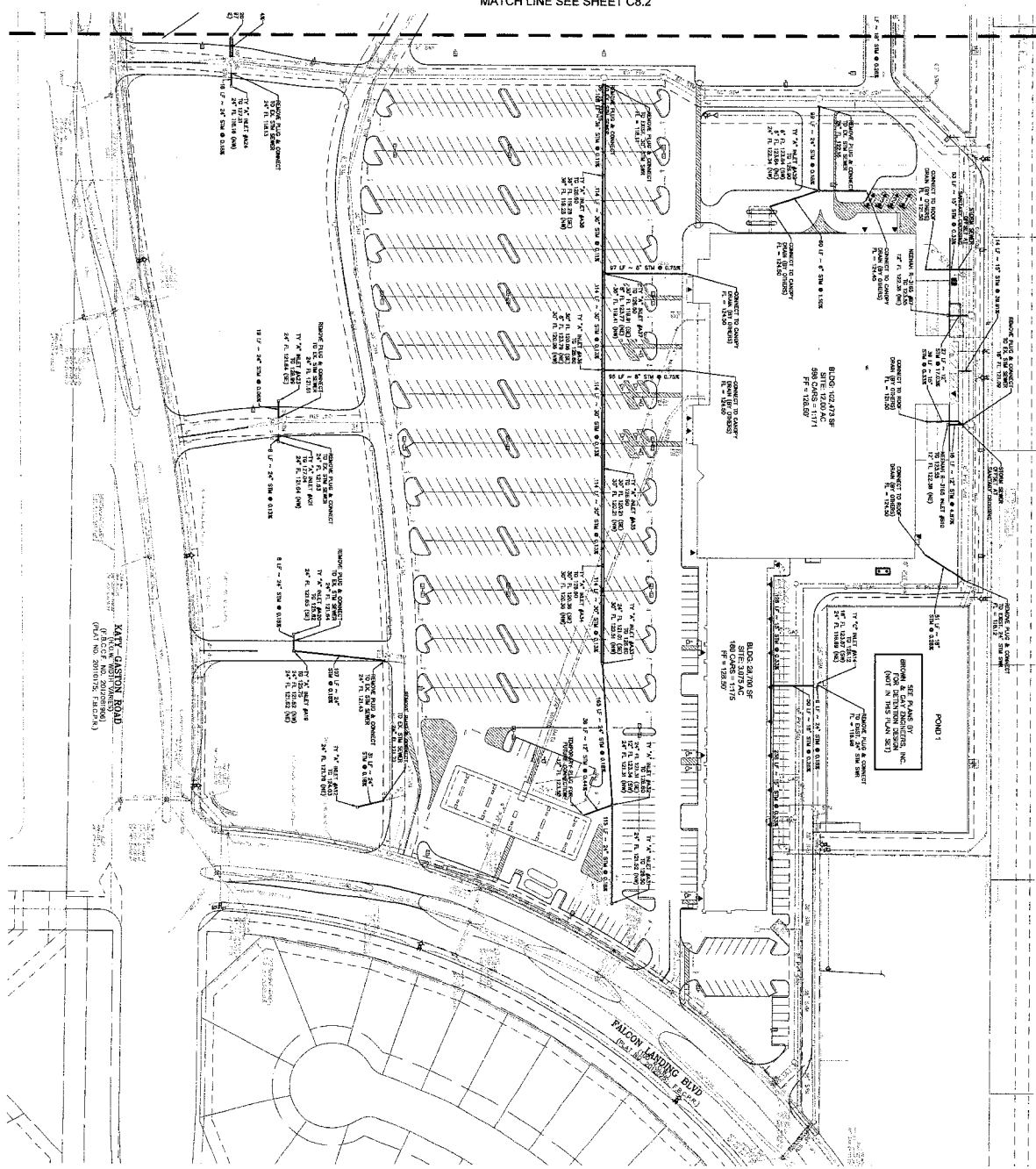
JOB NUMBER: (CA) 1600000000-000
 PROJECT: GASTON FALCON LANDING RETAIL KROGER SW#21
 PLAN 1



NO.	DATE	DESCRIPTION	BY	CHKD.
1	1/14/16	ISSUED FOR PERMIT
2	1/14/16	ISSUED FOR PERMIT

VERIFICATION OF PRIVATE UTILITY LINES
 THE ENGINEER HAS CONDUCTED A VISUAL GENERAL SURVEY OF THE SITE AND HAS FOUND NO OBVIOUS OBSTACLES TO THE PROPOSED WORK.

MATCH LINE SEE SHEET C8.2



LEGEND

- PROPOSED WATER MAIN (4\"/>

NOTES:
 1. THIS PLAN IS FOR INFORMATION ONLY AND DOES NOT CONSTITUTE A CONTRACT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL DIMENSIONS AND CONDITIONS OF THE SITE PRIOR TO CONSTRUCTION.
 2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL AUTHORITIES.
 3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING ALL EXISTING UTILITIES AND STRUCTURES.
 4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ACCESS TO ALL ADJACENT PROPERTIES.
 5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR RESTORING THE SITE TO ORIGINAL OR BETTER CONDITION AFTER CONSTRUCTION.
 6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ALL NECESSARY EROSION CONTROL MEASURES.
 7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ALL NECESSARY DRAINAGE MEASURES.
 8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ALL NECESSARY LIGHTING MEASURES.
 9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ALL NECESSARY SECURITY MEASURES.
 10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ALL NECESSARY SIGNAGE MEASURES.

ONE-CALL NOTIFICATION SYSTEM
 CALL BEFORE YOU DIG!!
 (See Uniform Act on Public Safety Services)
 1-800-4-A-SHIELD

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

EG&S
 ENGINEERING & SURVEYING
 1015 W. 10TH STREET
 FORT BEND COUNTY MUD, 185
 GASTON FALCON
 LANDING RETAIL
 KROGER SM121
 DRAINAGE
 PLAN 1

NO.	DATE	DESCRIPTION	BY	CHKD.
1	11/11/11	ISSUED FOR PERMIT	[Signature]	[Signature]
2	11/11/11	ISSUED FOR CONSTRUCTION	[Signature]	[Signature]

VERIFICATION OF PRIVATE UTILITY LINES
 THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION AND DEPTH OF ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MARKING ALL UTILITIES AND PROVIDING ADEQUATE PROTECTION DURING CONSTRUCTION.



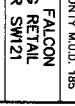
Fort Bend County - Storm Sewer Calculation Form

Project: GASTON FALCON LANDING
Date: 10/11/13
Sheet: 2 of 2
Scale: 1" = 100'

Formula for Manning's equation: $V = 1.486 R^{2/3} S^{1/2}$

Main data table with columns: Station, Inlet, Pipe, Outlet, Area, Velocity, etc. Includes sub-sections for 'PART OF PUBLIC UTILITY PLANS BY BCE'.

Approval and signature section. Includes 'APPROVED:' with a signature, 'DATE: 10/11/13', and project details: 'DRAINAGE AREA MAP CALCULATIONS', 'FORT BEND COUNTY M.U.D. 185', 'GASTON FALCON LANDING RETAIL', 'KROGER SW21'.

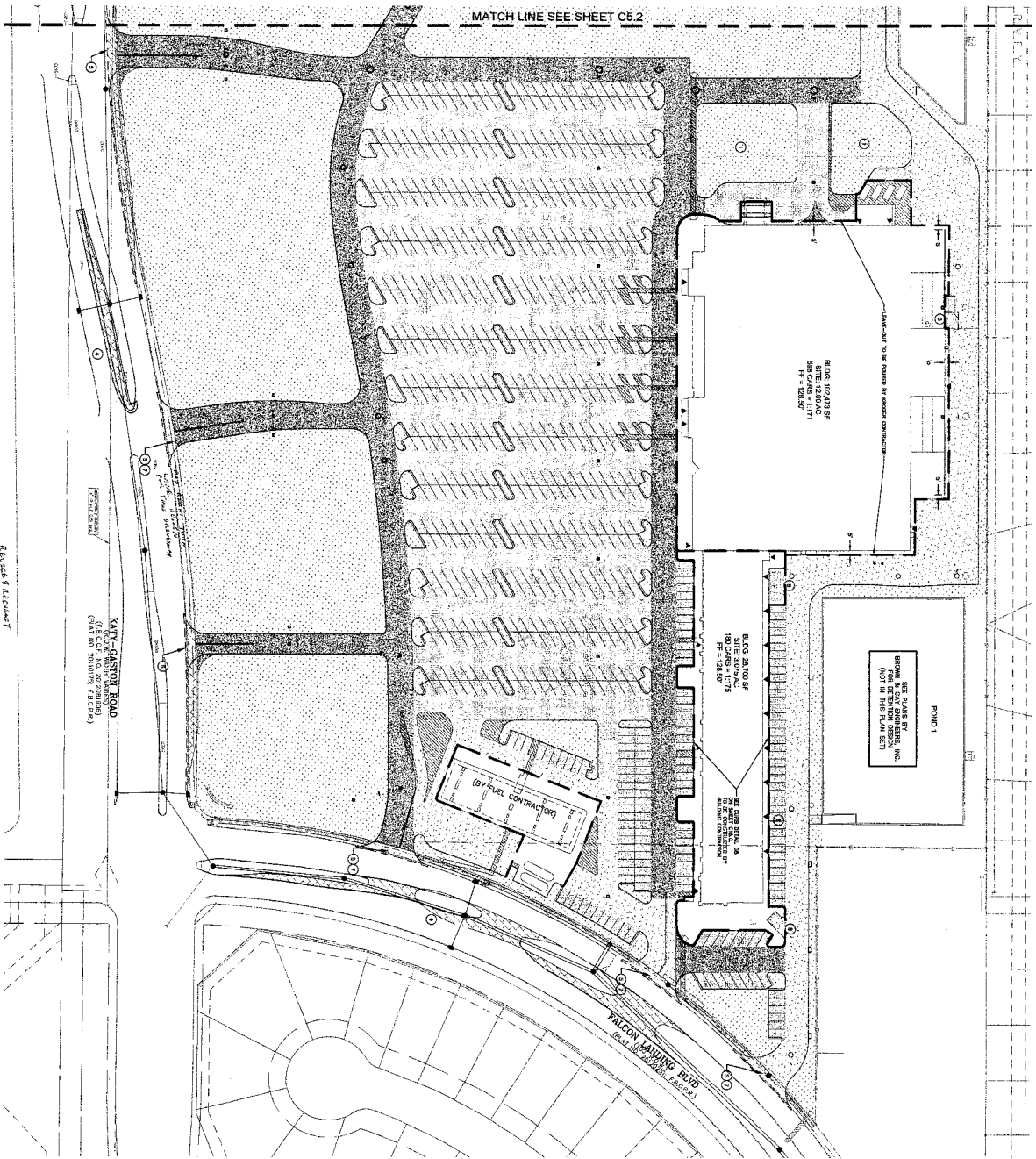


Professional Engineer information: Name, License No., State of Texas.

Project location and details: FORT BEND COUNTY M.U.D. 185, GASTON FALCON LANDING RETAIL, KROGER SW21.

Scale and drawing information: SCALE: 1" = 100', DATE: 10/11/13.

Additional notes and contact information: JOHN MANNERS, (281) 291-1111.



MATCH LINE SEE SHEET C5.2

BUILDING 102,471 SF
SITE 23,000 AC
FF = 128.50'

POUND 1
SITE 2,000 AC
FF = 128.50'

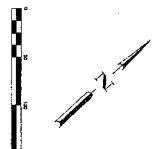
BUILDING 28,300 SF
SITE 6,500 AC
FF = 128.50'

(BY FUEL CONTRACTOR)

FALCON LANDING BLVD
Rt. 291

KATY-GASTON ROAD
(A 6.00 AC. NO. 203831000)
(SEE THE DRAWING 2/25/04)

Revised & Resubmitted
04/17/04
04/17/04



LEGEND

- 5" CONCRETE PAVEMENT SHALL BE DETAIL SHIT ROAD
- 6" CONCRETE PAVEMENT SHALL BE DETAIL SHIT ROAD
- 7" CONCRETE PAVEMENT SHALL BE DETAIL SHIT ROAD
- 8" CONCRETE PAVEMENT SHALL BE DETAIL SHIT ROAD
- 9" CONCRETE PAVEMENT SHALL BE DETAIL SHIT ROAD
- 10" CONCRETE PAVEMENT SHALL BE DETAIL SHIT ROAD
- 11" CONCRETE PAVEMENT SHALL BE DETAIL SHIT ROAD
- 12" CONCRETE PAVEMENT SHALL BE DETAIL SHIT ROAD
- 13" CONCRETE PAVEMENT SHALL BE DETAIL SHIT ROAD
- 14" CONCRETE PAVEMENT SHALL BE DETAIL SHIT ROAD
- 15" CONCRETE PAVEMENT SHALL BE DETAIL SHIT ROAD
- 16" CONCRETE PAVEMENT SHALL BE DETAIL SHIT ROAD
- 17" CONCRETE PAVEMENT SHALL BE DETAIL SHIT ROAD
- 18" CONCRETE PAVEMENT SHALL BE DETAIL SHIT ROAD
- 19" CONCRETE PAVEMENT SHALL BE DETAIL SHIT ROAD
- 20" CONCRETE PAVEMENT SHALL BE DETAIL SHIT ROAD

NOTES

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL AUTHORITIES.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL AUTHORITIES.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL AUTHORITIES.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL AUTHORITIES.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL AUTHORITIES.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL AUTHORITIES.
7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL AUTHORITIES.
8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL AUTHORITIES.
9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL AUTHORITIES.
10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL AUTHORITIES.
11. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL AUTHORITIES.
12. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL AUTHORITIES.
13. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL AUTHORITIES.
14. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL AUTHORITIES.
15. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL AUTHORITIES.
16. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL AUTHORITIES.
17. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL AUTHORITIES.
18. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL AUTHORITIES.
19. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL AUTHORITIES.
20. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL AUTHORITIES.

REVISIONS

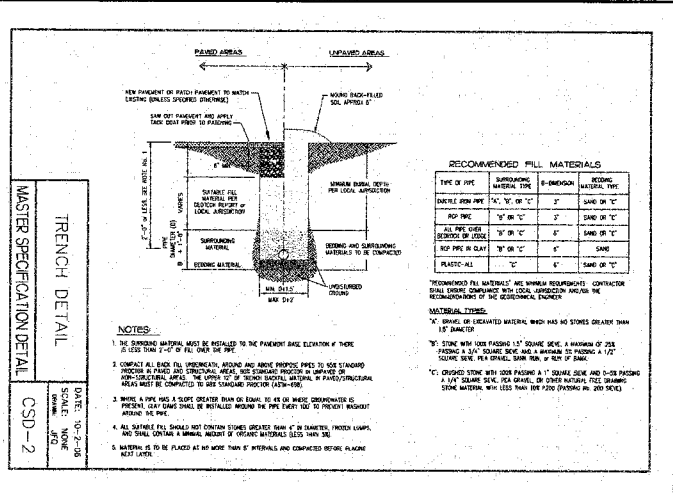
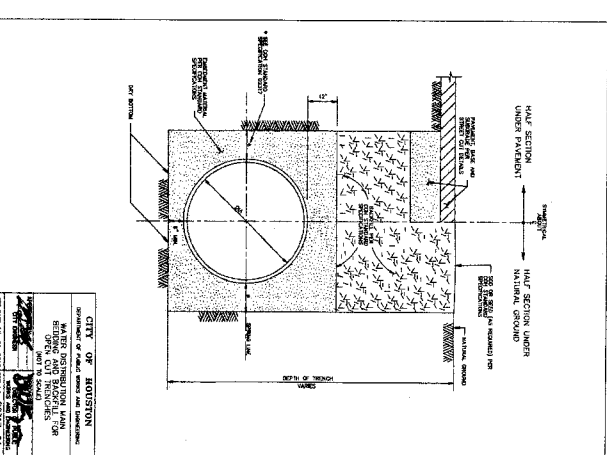
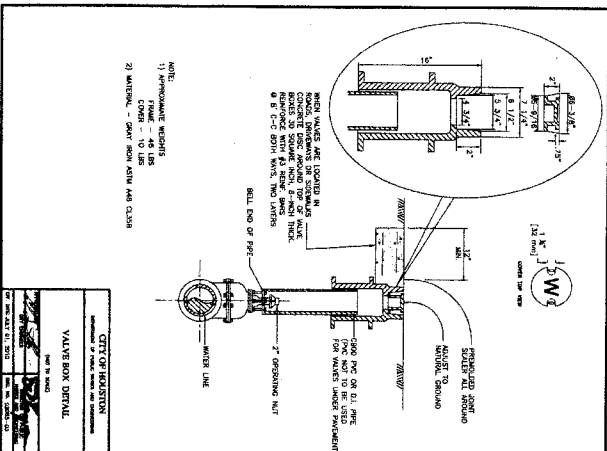
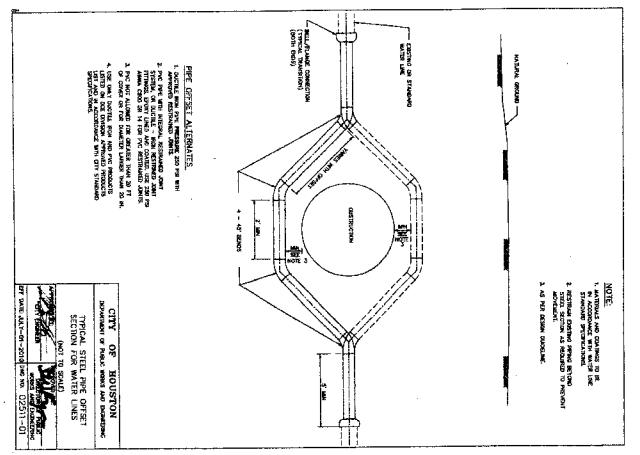
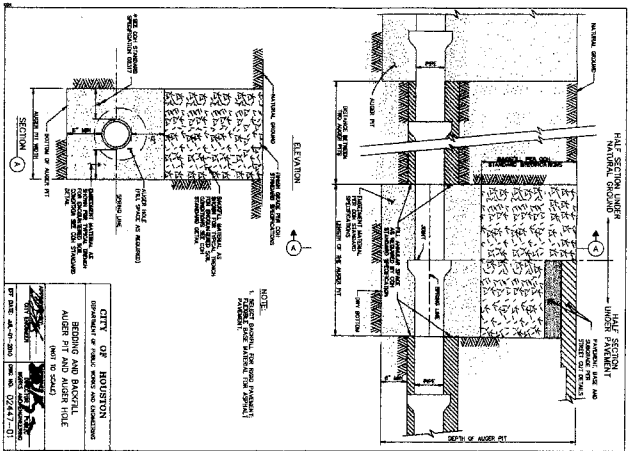
1. REVISION 1: CORRECTED THE PAVEMENT THICKNESS FROM 5" TO 6" IN THE PARKING LOTS.
2. REVISION 2: ADDED THE FUEL CONTRACTOR AREA TO THE PLAN.
3. REVISION 3: CORRECTED THE POND DEPTH FROM 12" TO 18" IN THE POND AREA.
4. REVISION 4: ADDED THE UTILITY LINES TO THE PLAN.
5. REVISION 5: CORRECTED THE ROAD WIDTH FROM 40' TO 50' IN THE MAIN ROAD.
6. REVISION 6: ADDED THE SIDEWALKS TO THE PLAN.
7. REVISION 7: CORRECTED THE PAVEMENT THICKNESS FROM 6" TO 7" IN THE SIDEWALKS.
8. REVISION 8: ADDED THE CURBS TO THE PLAN.
9. REVISION 9: CORRECTED THE POND DEPTH FROM 18" TO 24" IN THE POND AREA.
10. REVISION 10: ADDED THE UTILITY LINES TO THE PLAN.
11. REVISION 11: CORRECTED THE ROAD WIDTH FROM 50' TO 60' IN THE MAIN ROAD.
12. REVISION 12: ADDED THE SIDEWALKS TO THE PLAN.
13. REVISION 13: CORRECTED THE PAVEMENT THICKNESS FROM 7" TO 8" IN THE SIDEWALKS.
14. REVISION 14: ADDED THE CURBS TO THE PLAN.
15. REVISION 15: CORRECTED THE POND DEPTH FROM 24" TO 30" IN THE POND AREA.
16. REVISION 16: ADDED THE UTILITY LINES TO THE PLAN.
17. REVISION 17: CORRECTED THE ROAD WIDTH FROM 60' TO 70' IN THE MAIN ROAD.
18. REVISION 18: ADDED THE SIDEWALKS TO THE PLAN.
19. REVISION 19: CORRECTED THE PAVEMENT THICKNESS FROM 8" TO 9" IN THE SIDEWALKS.
20. REVISION 20: ADDED THE CURBS TO THE PLAN.

ONE-CALL NOTIFICATION SYSTEM
CALL BEFORE YOU DIAL
(See Statewide Uniform Numbering System)

APPROVED: [Signature]
DATE: 4/17/04

EG&S
101140
FORT BEND COUNTY M.U.D. 185
GASTON FALCON
LANDING RETAIL
KROGER SW21
PAVING
PLAN 1

DATE	4/17/04
REVISION	1
REVISION	2
REVISION	3
REVISION	4
REVISION	5
REVISION	6
REVISION	7
REVISION	8
REVISION	9
REVISION	10
REVISION	11
REVISION	12
REVISION	13
REVISION	14
REVISION	15
REVISION	16
REVISION	17
REVISION	18
REVISION	19
REVISION	20



APPROVED: [Signature]
 DATE: 4/14/10

WATER LINE DETAILS

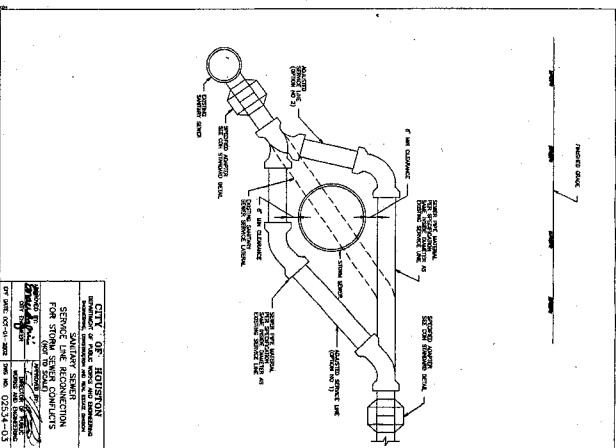
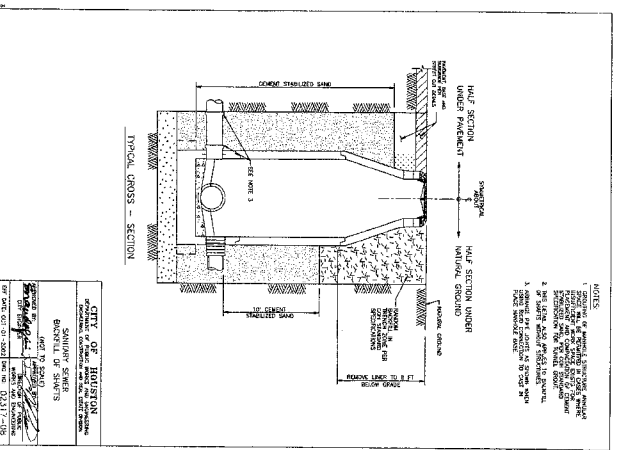
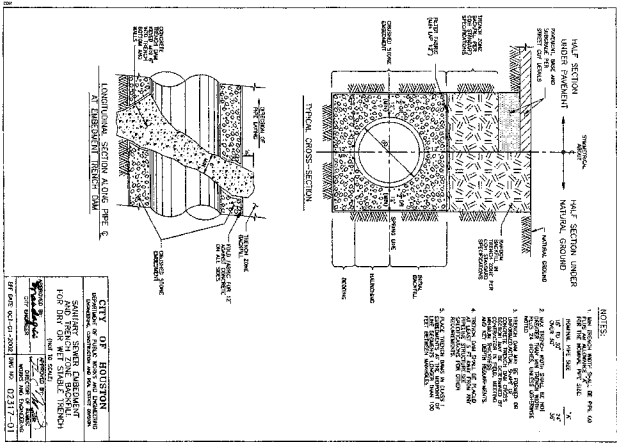
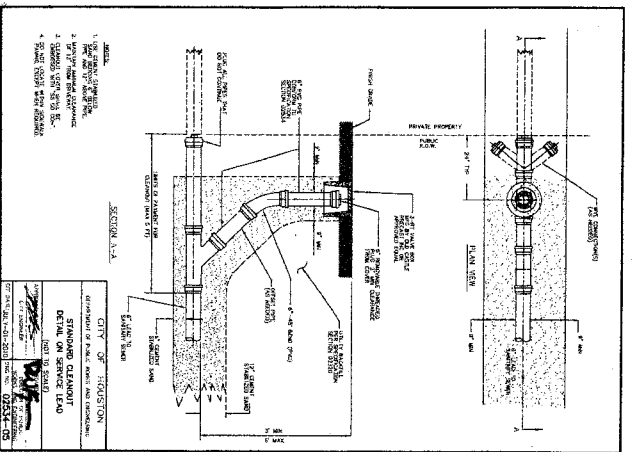
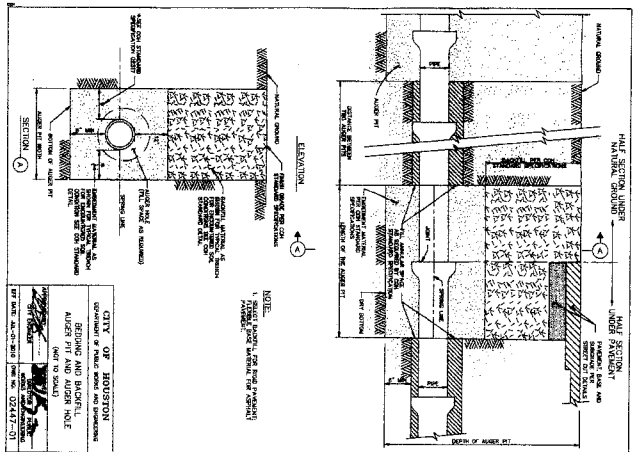
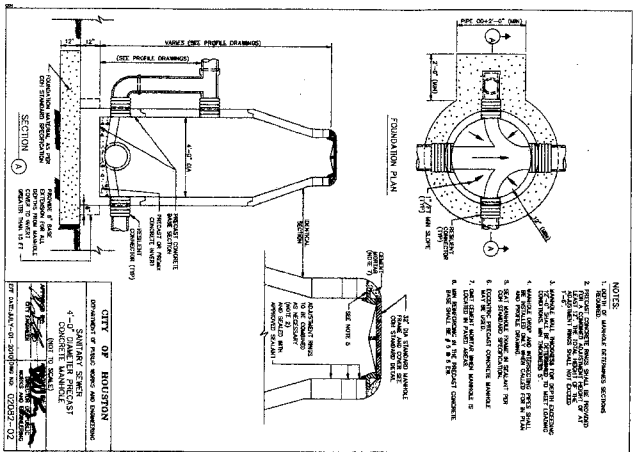
FOR KROGER SITE ONLY

VERIFICATION OF PRIVATE UTILITY LINES

EGE

FOOT BEND COUNTY M.U.D. 185
GASTON FALLON
LANDING RETAIL
KROGER SW121

DATE: 10-2-08
SCALE: NONE
CSD-2



APPROVED: _____ DATE: 1/1/16

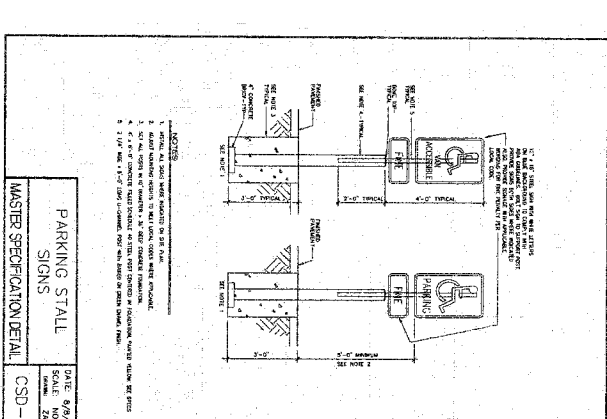
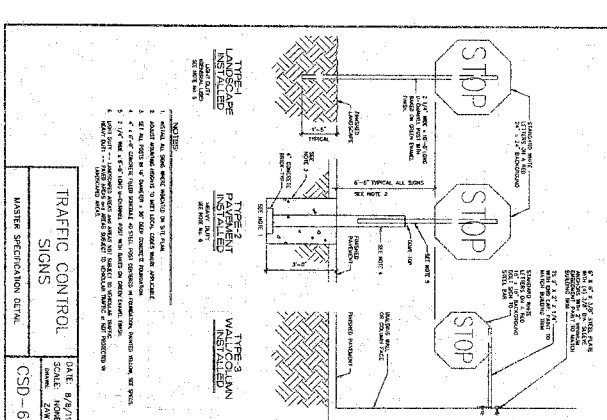
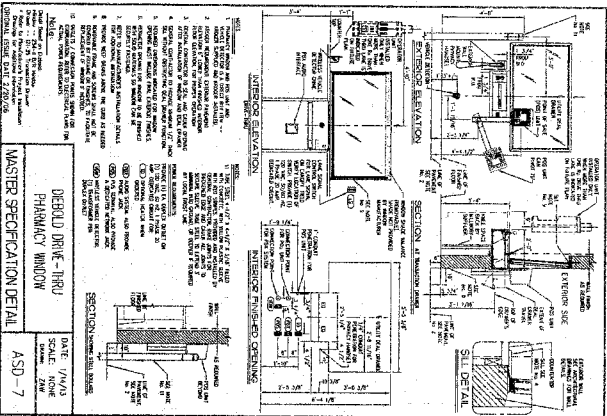
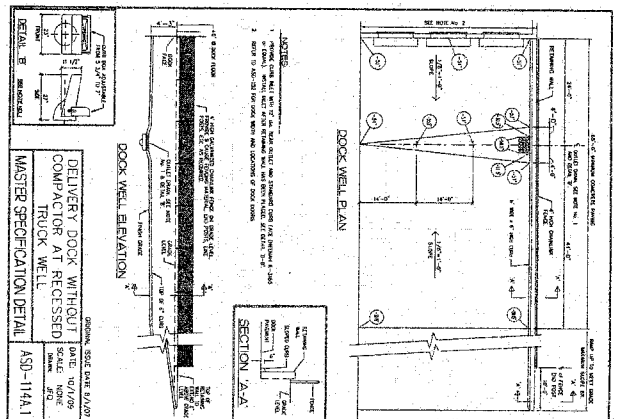
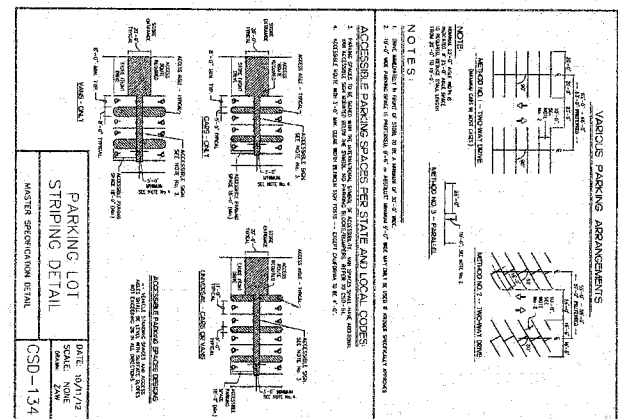
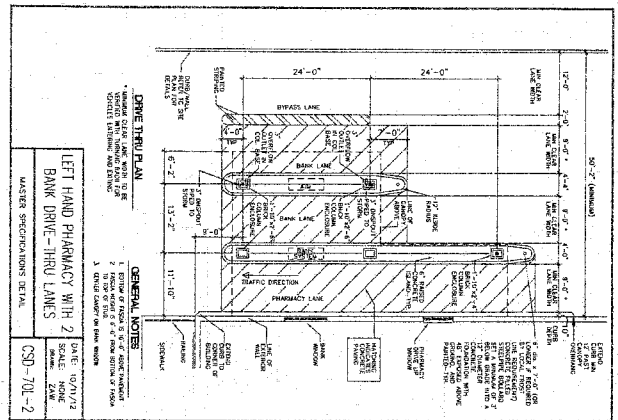
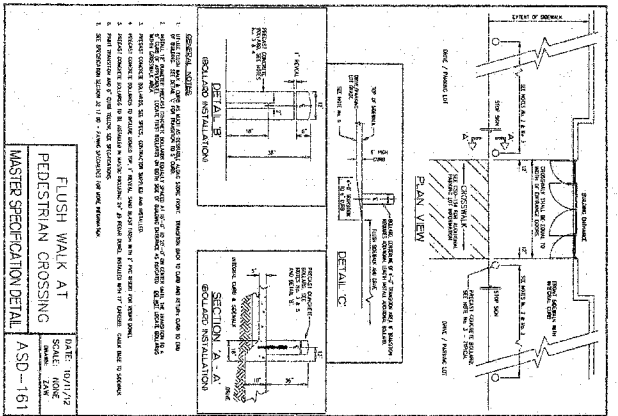
CITY OF HOUSTON
 SANITARY SEWER
 STANDARD CLEANOUT
 DETAIL ON SERVICE LEAD

FOR TYPICAL SANITARY SEWER
 COMPONENTS
 SEE SHEET SSW-100

DATE: 02/24/15

EG&S
 ENGINEERING GROUP, INC.
 14100 WESTHOPE DRIVE, SUITE 200
 HOUSTON, TEXAS 77040
 PHONE: 281.486.2200
 FAX: 281.486.2201
 WWW.EGANDS.COM

PROJECT: GASTON, FALCON LANDING RETAIL KROGER SMI 21
 SHEET: SANITARY SEWER DETAILS
 DATE: 02/24/15



APPENDIX
 DATE: 11/16

CONTRACTOR: BGC

PROJECT: FORT BRAD COUNTY M.U.D. 185
 GASTON FALCON LANDING RETAIL
 KROGER SW121

SITE DETAILS

DATE: 11/16

SCALE: NONE

DRAWN: JAW

CHECKED: JAW

APPROVED: JAW

DATE: 11/16

CONTRACT NO.: 11500000000000000000

PROJECT NO.: 11500000000000000000

DATE: 11/16

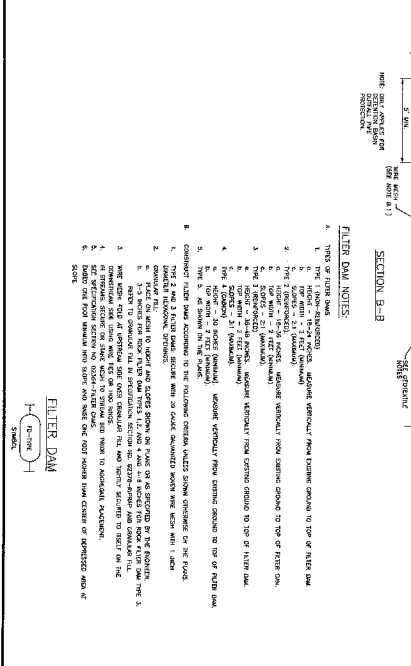
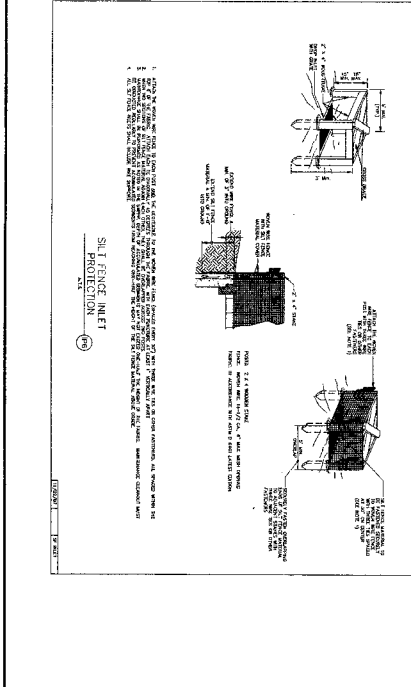
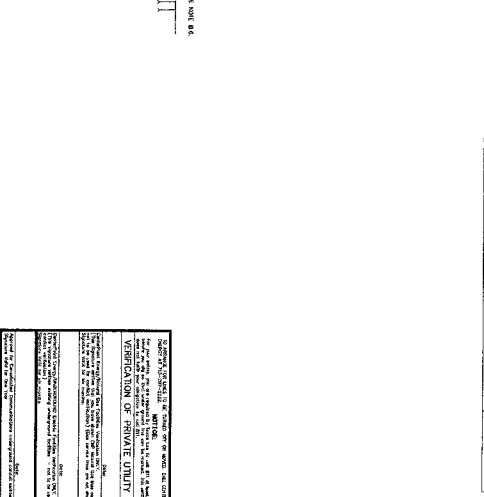
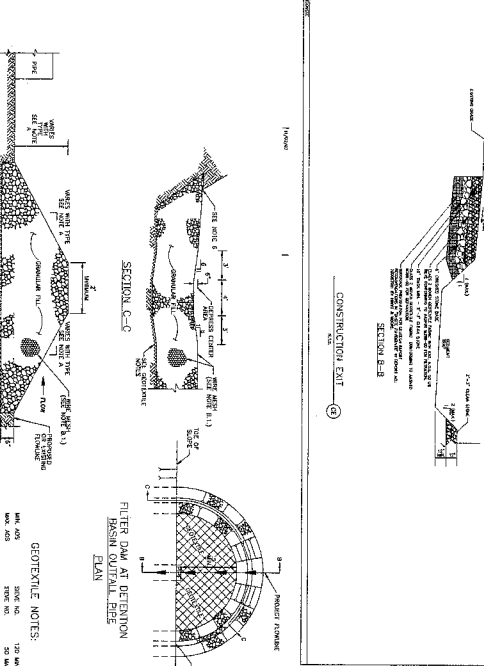
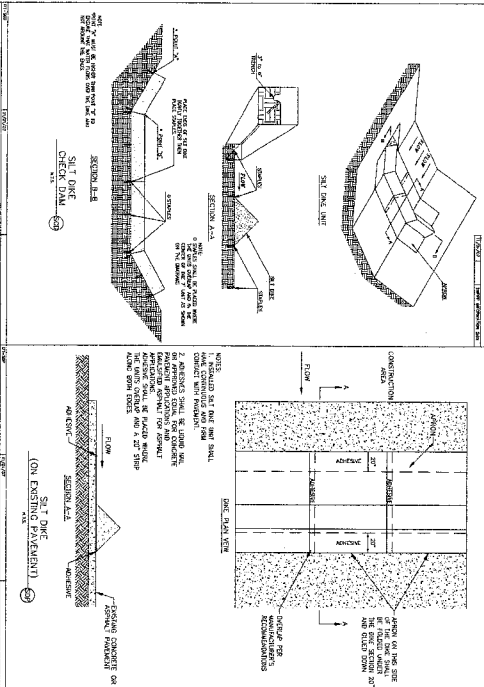
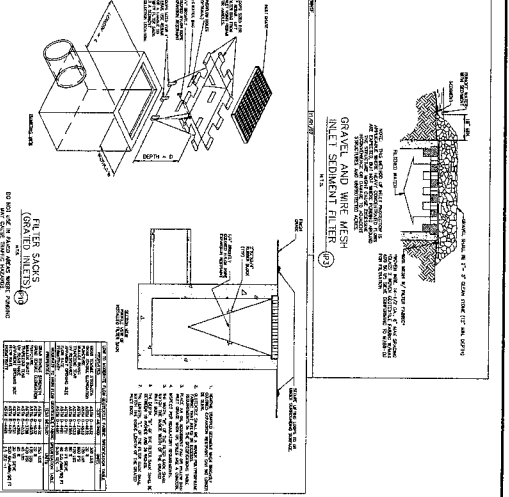
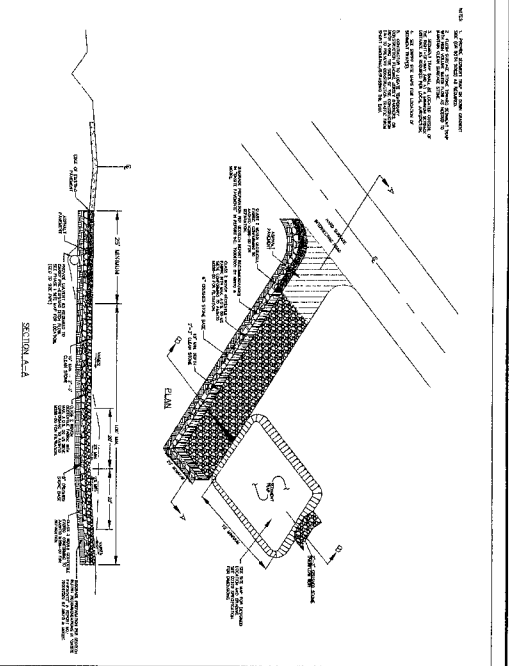
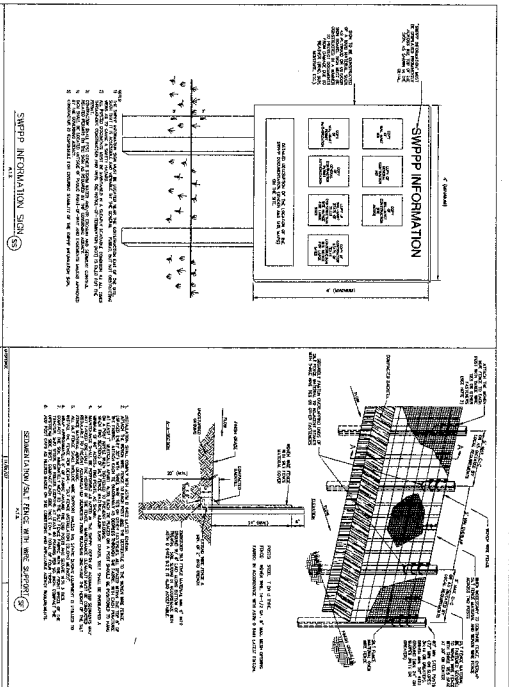
SCALE: NONE

DRAWN: JAW

CHECKED: JAW

APPROVED: JAW

DATE: 11/16



FILTER DAM

APPROVED: [Signature]

DATE: 1/16/16

ONE-COAL, INTERMEDIATE SYSTEM
CALL BEFORE YOU DIG!
(Call 800-4-A-SAFE or 800-4-A-SAFE-PA)

**STORM WATER
POLLUTION PREVENTION
PLAN DETAILS**

KOB NUMBER: C:\WORK\STW-001

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

Scale: 1" = 10'-0"

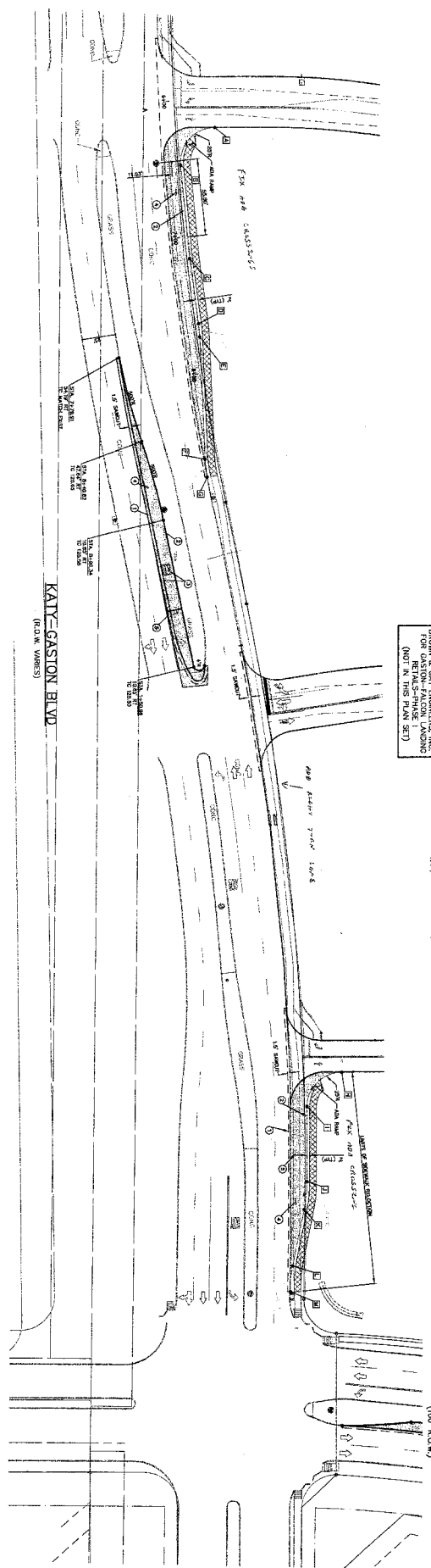
DATE: 1/16/16

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

SEE PRIVATE PLANS BY
BROWN & CALDWELL ENGINEERING, INC.
FOR THE PROPOSED
RETAILS-PHASE I
(NOT IN THIS PLAN SET)

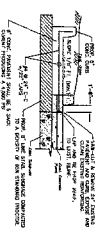
REVISE & RESUBMIT
2/17/79 REVISED 2/17/79

SEE SHEET XX
FALCON LANDING BLVD
(100' R.O.W.)



KATY-GASTON BLVD
(10.0 M. WIDEN)

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



MARK	STATION	CONCRETE CURB TO	TO
1	6152.01	12.0 FT. W.	125.50
2	6152.21	12.0 FT. W.	125.50
3	6152.41	12.0 FT. W.	125.50
4	6152.61	12.0 FT. W.	125.50
5	6152.81	12.0 FT. W.	125.50
6	6153.01	12.0 FT. W.	125.50
7	6153.21	12.0 FT. W.	125.50
8	6153.41	12.0 FT. W.	125.50
9	6153.61	12.0 FT. W.	125.50
10	6153.81	12.0 FT. W.	125.50
11	6154.01	12.0 FT. W.	125.50
12	6154.21	12.0 FT. W.	125.50
13	6154.41	12.0 FT. W.	125.50
14	6154.61	12.0 FT. W.	125.50
15	6154.81	12.0 FT. W.	125.50
16	6155.01	12.0 FT. W.	125.50

LEGEND

- PROPOSED CONCRETE
- PROPOSED ASPHALT
- EXISTING ASPHALT
- EXISTING GRAVEL
- EXISTING CONCRETE
- EXISTING CURB
- EXISTING SIDEWALK
- EXISTING DRIVEWAY
- EXISTING UTILITY
- EXISTING TREE
- EXISTING SIGN
- EXISTING LIGHT
- EXISTING FENCE
- EXISTING WALL
- EXISTING GROUND
- EXISTING ELEVATION
- PROPOSED ELEVATION
- PROPOSED CURB ELEVATION

- GENERAL CONSTRUCTION NOTES:**
- CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, AS ADOPTED BY THE TEXAS DEPARTMENT OF TRANSPORTATION.
 - PROPOSED CONCRETE SHALL BE 4000 PSI STRENGTH CONCRETE.
 - PROPOSED ASPHALT SHALL BE 1 1/2" THICK ASPHALT.
 - PROPOSED GRAVEL SHALL BE 12" THICK GRAVEL.
 - CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, AS ADOPTED BY THE TEXAS DEPARTMENT OF TRANSPORTATION.
 - PROPOSED CURB SHALL BE 12" HIGH CONCRETE CURB.
 - PROPOSED SIDEWALK SHALL BE 4" THICK CONCRETE SIDEWALK.
 - PROPOSED DRIVEWAY SHALL BE 4" THICK CONCRETE DRIVEWAY.
 - PROPOSED UTILITY SHALL BE 4" THICK CONCRETE UTILITY.
 - PROPOSED TREE SHALL BE 4" THICK CONCRETE TREE.
 - PROPOSED SIGN SHALL BE 4" THICK CONCRETE SIGN.
 - PROPOSED LIGHT SHALL BE 4" THICK CONCRETE LIGHT.
 - PROPOSED FENCE SHALL BE 4" THICK CONCRETE FENCE.
 - PROPOSED WALL SHALL BE 4" THICK CONCRETE WALL.
 - PROPOSED GROUND SHALL BE 4" THICK CONCRETE GROUND.
 - PROPOSED ELEVATION SHALL BE 4" THICK CONCRETE ELEVATION.
 - PROPOSED CURB ELEVATION SHALL BE 4" THICK CONCRETE CURB ELEVATION.

CONSTRUCTION NOTES - SPECIAL OPENINGS AND LEFT TURN LANE:

- CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, AS ADOPTED BY THE TEXAS DEPARTMENT OF TRANSPORTATION.
- PROPOSED CONCRETE SHALL BE 4000 PSI STRENGTH CONCRETE.
- PROPOSED ASPHALT SHALL BE 1 1/2" THICK ASPHALT.
- PROPOSED GRAVEL SHALL BE 12" THICK GRAVEL.
- CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, AS ADOPTED BY THE TEXAS DEPARTMENT OF TRANSPORTATION.
- PROPOSED CURB SHALL BE 12" HIGH CONCRETE CURB.
- PROPOSED SIDEWALK SHALL BE 4" THICK CONCRETE SIDEWALK.
- PROPOSED DRIVEWAY SHALL BE 4" THICK CONCRETE DRIVEWAY.
- PROPOSED UTILITY SHALL BE 4" THICK CONCRETE UTILITY.
- PROPOSED TREE SHALL BE 4" THICK CONCRETE TREE.
- PROPOSED SIGN SHALL BE 4" THICK CONCRETE SIGN.
- PROPOSED LIGHT SHALL BE 4" THICK CONCRETE LIGHT.
- PROPOSED FENCE SHALL BE 4" THICK CONCRETE FENCE.
- PROPOSED WALL SHALL BE 4" THICK CONCRETE WALL.
- PROPOSED GROUND SHALL BE 4" THICK CONCRETE GROUND.
- PROPOSED ELEVATION SHALL BE 4" THICK CONCRETE ELEVATION.
- PROPOSED CURB ELEVATION SHALL BE 4" THICK CONCRETE CURB ELEVATION.

APPROVED: [Signature]
DATE: 1/14/79

CONSTRUCTION SYSTEMS
INCORPORATED
13000 WEST 10TH AVENUE
DENVER, COLORADO 80231

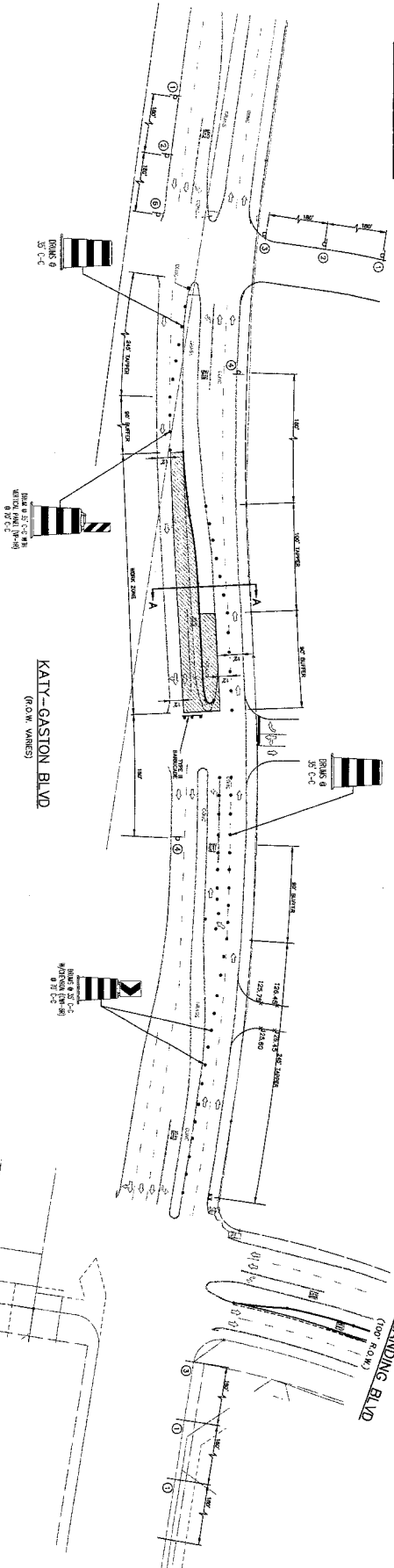
JOHN R. WILSON, CIVIL ENGINEER (C-10)
13000 WEST 10TH AVENUE
DENVER, COLORADO 80231
OFFICE: 303-755-1111
HOME: 303-755-1112

FOR: BEND COUNTY MAJUD 185
GASTON FALCON
LANDING RETAIL
KROGER SW#21
RIGHT TURN AND
LEFT TURN LANE
KATY-GASTON ROAD



NOTES:
1. SEE SHEET XX FOR DATE AND/OR REVISIONS.
2. SEE SHEET XX FOR DATE AND/OR REVISIONS.

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



TYPICAL TRAFFIC SIGNAL LAYOUTS
SUSCEPTIBLE TO MISUSE OF SERVICES

TYPE OF SIGNAL	TYPE OF SERVICE	PERCENTAGE OF SERVICES	PERCENTAGE OF SERVICES
SIGNAL SERVICE	PERMITS	100%	100%
	PERMITS	100%	100%
	PERMITS	100%	100%
	PERMITS	100%	100%
SIGNAL SERVICE	PERMITS	100%	100%
	PERMITS	100%	100%
	PERMITS	100%	100%
	PERMITS	100%	100%

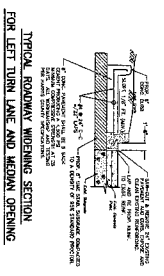
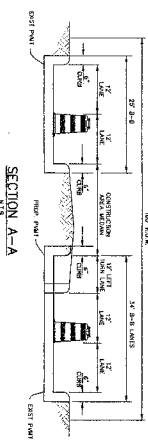
* 85% PERSONS/VEHICLE ON ROAD WHEN TRAFFIC SIGNALS
** THESE SIGNALS HAVE BEEN REMOVED

CONSTRUCTION

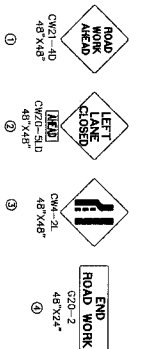
CONSTRUCTION	PERCENTAGE OF SERVICES
CONSTRUCTION	100%
CONSTRUCTION	100%
CONSTRUCTION	100%
CONSTRUCTION	100%

CONSTRUCTION

CONSTRUCTION	PERCENTAGE OF SERVICES
CONSTRUCTION	100%
CONSTRUCTION	100%
CONSTRUCTION	100%
CONSTRUCTION	100%



LANE CLOSING PLAN FOR LANE AND MEDIUM OPENING



LEGEND

- ROAD WORK AHEAD
- LEFT LANE CLOSED
- ROAD END ROAD WORK
- CHANGED ROADWAY

NOTE: THIS TRAFFIC CONTROL PLAN REPRESENTS MINIMUM REQUIREMENTS. CONTRACTORS TO BE RESPONSIBLE FOR CHANGES REQUIRED BY FIELD CONDITIONS.

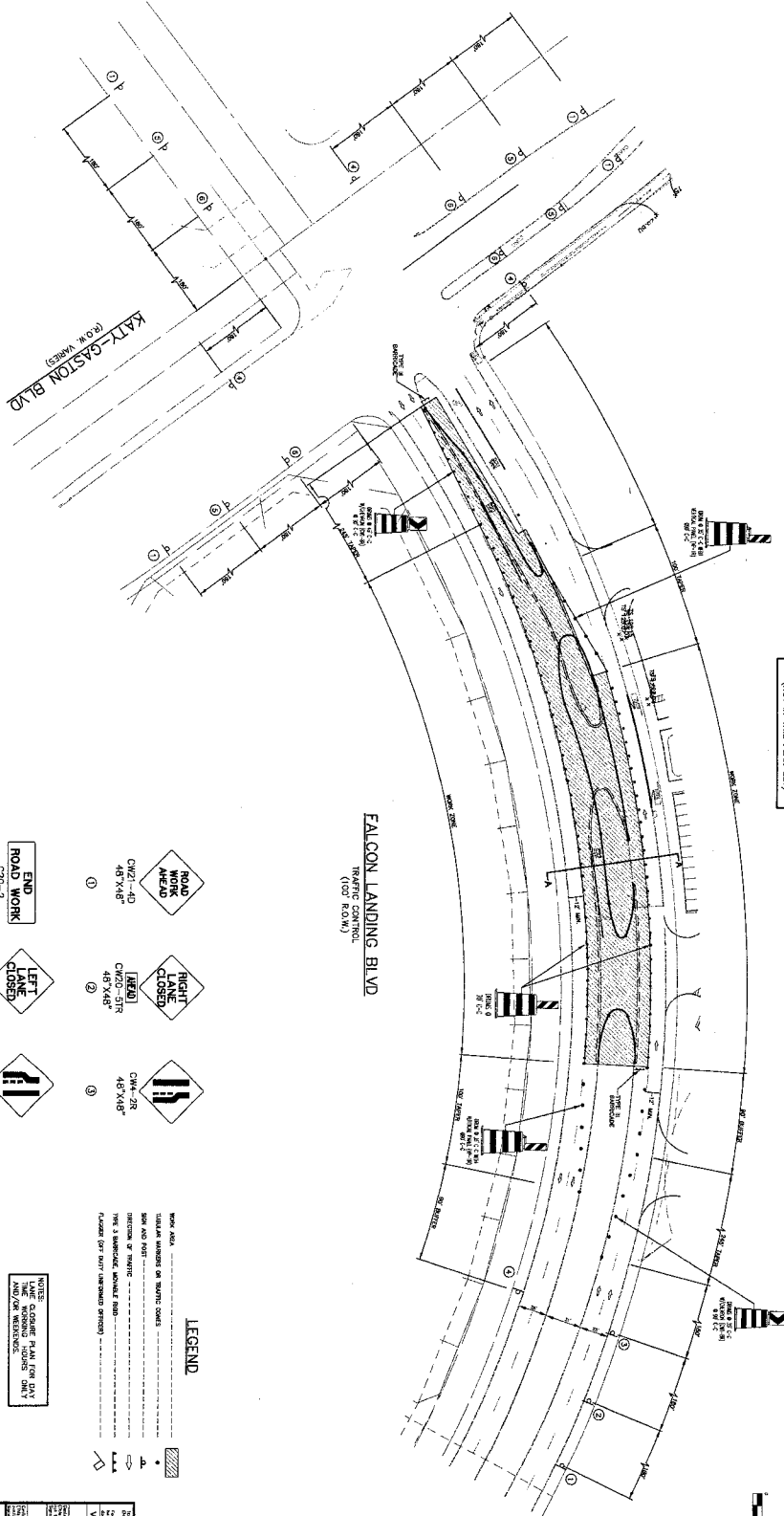
TRAFFIC SIGNAL
DATE: 1/11/12

APPROVED: [Signature]
DATE: 1/11/12

EGE
Brown & Gay Engineers, Inc.
Fort Bend County M.U.D. 185
GASTON FALCON LANDING RETAIL KROGER SW121
TRAFFIC CONTROL PLAN
KATY-GASTON ROAD

JOB NUMBER: (K) VARIOUS (K) 00
DATE: 1/11/12
DRAWN BY: [Name]
CHECKED BY: [Name]
APPROVED BY: [Name]

SEE PRIVATE PLANS BY BCF FOR GASTON-FALCON LANDING RETAIL PHASE I (NOT IN THIS PLAN SET)

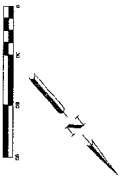


FALCON LANDING BLVD
TRAFFIC CONTROL
(TOP ROW)

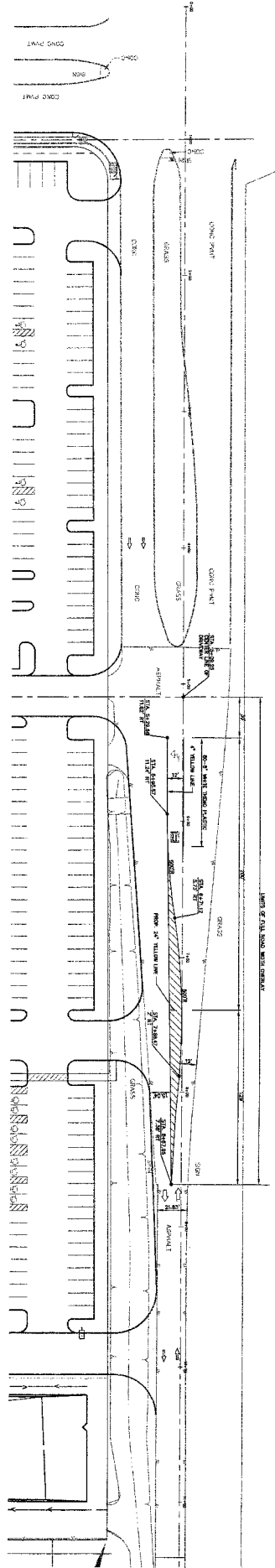
KATY-GASTON BLVD
(ROW VARIATION)

TYPICAL TRANSITION SECTION
AND
SUGGESTED MAINTENANCE SPECIFICATIONS

ITEM	DESCRIPTION	QUANTITY	UNIT	PRICE
1	CONCRETE	100	YD	100.00
2	ASPHALT	200	YD	200.00
3	GRAVEL	150	YD	150.00
4	BASE COURSE	100	YD	100.00
5	PAVEMENT	50	YD	50.00
6	CONCRETE	50	YD	50.00
7	ASPHALT	100	YD	100.00
8	GRAVEL	100	YD	100.00
9	BASE COURSE	50	YD	50.00
10	PAVEMENT	25	YD	25.00
11	CONCRETE	25	YD	25.00
12	ASPHALT	50	YD	50.00
13	GRAVEL	50	YD	50.00
14	BASE COURSE	25	YD	25.00
15	PAVEMENT	12.5	YD	12.50
16	CONCRETE	12.5	YD	12.50
17	ASPHALT	25	YD	25.00
18	GRAVEL	25	YD	25.00
19	BASE COURSE	12.5	YD	12.50
20	PAVEMENT	6.25	YD	6.25
21	CONCRETE	6.25	YD	6.25
22	ASPHALT	12.5	YD	12.50
23	GRAVEL	12.5	YD	12.50
24	BASE COURSE	6.25	YD	6.25
25	PAVEMENT	3.125	YD	3.125
26	CONCRETE	3.125	YD	3.125
27	ASPHALT	6.25	YD	6.25
28	GRAVEL	6.25	YD	6.25
29	BASE COURSE	3.125	YD	3.125
30	PAVEMENT	1.5625	YD	1.5625
31	CONCRETE	1.5625	YD	1.5625
32	ASPHALT	3.125	YD	3.125
33	GRAVEL	3.125	YD	3.125
34	BASE COURSE	1.5625	YD	1.5625
35	PAVEMENT	0.78125	YD	0.78125
36	CONCRETE	0.78125	YD	0.78125
37	ASPHALT	1.5625	YD	1.5625
38	GRAVEL	1.5625	YD	1.5625
39	BASE COURSE	0.78125	YD	0.78125
40	PAVEMENT	0.390625	YD	0.390625
41	CONCRETE	0.390625	YD	0.390625
42	ASPHALT	0.78125	YD	0.78125
43	GRAVEL	0.78125	YD	0.78125
44	BASE COURSE	0.390625	YD	0.390625
45	PAVEMENT	0.1953125	YD	0.1953125
46	CONCRETE	0.1953125	YD	0.1953125
47	ASPHALT	0.390625	YD	0.390625
48	GRAVEL	0.390625	YD	0.390625
49	BASE COURSE	0.1953125	YD	0.1953125
50	PAVEMENT	0.09765625	YD	0.09765625
51	CONCRETE	0.09765625	YD	0.09765625
52	ASPHALT	0.1953125	YD	0.1953125
53	GRAVEL	0.1953125	YD	0.1953125
54	BASE COURSE	0.09765625	YD	0.09765625
55	PAVEMENT	0.048828125	YD	0.048828125
56	CONCRETE	0.048828125	YD	0.048828125
57	ASPHALT	0.09765625	YD	0.09765625
58	GRAVEL	0.09765625	YD	0.09765625
59	BASE COURSE	0.048828125	YD	0.048828125
60	PAVEMENT	0.0244140625	YD	0.0244140625
61	CONCRETE	0.0244140625	YD	0.0244140625
62	ASPHALT	0.048828125	YD	0.048828125
63	GRAVEL	0.048828125	YD	0.048828125
64	BASE COURSE	0.0244140625	YD	0.0244140625
65	PAVEMENT	0.01220703125	YD	0.01220703125
66	CONCRETE	0.01220703125	YD	0.01220703125
67	ASPHALT	0.0244140625	YD	0.0244140625
68	GRAVEL	0.0244140625	YD	0.0244140625
69	BASE COURSE	0.01220703125	YD	0.01220703125
70	PAVEMENT	0.006103515625	YD	0.006103515625
71	CONCRETE	0.006103515625	YD	0.006103515625
72	ASPHALT	0.01220703125	YD	0.01220703125
73	GRAVEL	0.01220703125	YD	0.01220703125
74	BASE COURSE	0.006103515625	YD	0.006103515625
75	PAVEMENT	0.0030517578125	YD	0.0030517578125
76	CONCRETE	0.0030517578125	YD	0.0030517578125
77	ASPHALT	0.006103515625	YD	0.006103515625
78	GRAVEL	0.006103515625	YD	0.006103515625
79	BASE COURSE	0.0030517578125	YD	0.0030517578125
80	PAVEMENT	0.00152587890625	YD	0.00152587890625
81	CONCRETE	0.00152587890625	YD	0.00152587890625
82	ASPHALT	0.0030517578125	YD	0.0030517578125
83	GRAVEL	0.0030517578125	YD	0.0030517578125
84	BASE COURSE	0.00152587890625	YD	0.00152587890625
85	PAVEMENT	0.000762939453125	YD	0.000762939453125
86	CONCRETE	0.000762939453125	YD	0.000762939453125
87	ASPHALT	0.00152587890625	YD	0.00152587890625
88	GRAVEL	0.00152587890625	YD	0.00152587890625
89	BASE COURSE	0.000762939453125	YD	0.000762939453125
90	PAVEMENT	0.0003814697265625	YD	0.0003814697265625
91	CONCRETE	0.0003814697265625	YD	0.0003814697265625
92	ASPHALT	0.000762939453125	YD	0.000762939453125
93	GRAVEL	0.000762939453125	YD	0.000762939453125
94	BASE COURSE	0.0003814697265625	YD	0.0003814697265625
95	PAVEMENT	0.00019073486328125	YD	0.00019073486328125
96	CONCRETE	0.00019073486328125	YD	0.00019073486328125
97	ASPHALT	0.0003814697265625	YD	0.0003814697265625
98	GRAVEL	0.0003814697265625	YD	0.0003814697265625
99	BASE COURSE	0.00019073486328125	YD	0.00019073486328125
100	PAVEMENT	0.000095367431640625	YD	0.000095367431640625
101	CONCRETE	0.000095367431640625	YD	0.000095367431640625
102	ASPHALT	0.00019073486328125	YD	0.00019073486328125
103	GRAVEL	0.00019073486328125	YD	0.00019073486328125
104	BASE COURSE	0.000095367431640625	YD	0.000095367431640625
105	PAVEMENT	0.0000476837158203125	YD	0.0000476837158203125
106	CONCRETE	0.0000476837158203125	YD	0.0000476837158203125
107	ASPHALT	0.000095367431640625	YD	0.000095367431640625
108	GRAVEL	0.000095367431640625	YD	0.000095367431640625
109	BASE COURSE	0.0000476837158203125	YD	0.0000476837158203125
110	PAVEMENT	0.00002384185791015625	YD	0.00002384185791015625
111	CONCRETE	0.00002384185791015625	YD	0.00002384185791015625
112	ASPHALT	0.0000476837158203125	YD	0.0000476837158203125
113	GRAVEL	0.0000476837158203125	YD	0.0000476837158203125
114	BASE COURSE	0.00002384185791015625	YD	0.00002384185791015625
115	PAVEMENT	0.000011920928955078125	YD	0.000011920928955078125
116	CONCRETE	0.000011920928955078125	YD	0.000011920928955078125
117	ASPHALT	0.00002384185791015625	YD	0.00002384185791015625
118	GRAVEL	0.00002384185791015625	YD	0.00002384185791015625
119	BASE COURSE	0.000011920928955078125	YD	0.000011920928955078125
120	PAVEMENT	0.0000059604644775390625	YD	0.0000059604644775390625
121	CONCRETE	0.0000059604644775390625	YD	0.0000059604644775390625
122	ASPHALT	0.000011920928955078125	YD	0.000011920928955078125
123	GRAVEL	0.000011920928955078125	YD	0.000011920928955078125
124	BASE COURSE	0.0000059604644775390625	YD	0.0000059604644775390625
125	PAVEMENT	0.00000298023223876953125	YD	0.00000298023223876953125
126	CONCRETE	0.00000298023223876953125	YD	0.00000298023223876953125
127	ASPHALT	0.0000059604644775390625	YD	0.0000059604644775390625
128	GRAVEL	0.0000059604644775390625	YD	0.0000059604644775390625
129	BASE COURSE	0.00000298023223876953125	YD	0.00000298023223876953125
130	PAVEMENT	0.000001490116119384765625	YD	0.000001490116119384765625
131	CONCRETE	0.000001490116119384765625	YD	0.000001490116119384765625
132	ASPHALT	0.00000298023223876953125	YD	0.00000298023223876953125
133	GRAVEL	0.00000298023223876953125	YD	0.00000298023223876953125
134	BASE COURSE	0.000001490116119384765625	YD	0.000001490116119384765625
135	PAVEMENT	0.0000007450580596923828125	YD	0.0000007450580596923828125
136	CONCRETE	0.0000007450580596923828125	YD	0.0000007450580596923828125
137	ASPHALT	0.000001490116119384765625	YD	0.000001490116119384765625
138	GRAVEL	0.000001490116119384765625	YD	0.000001490116119384765625
139	BASE COURSE	0.0000007450580596923828125	YD	0.0000007450580596923828125
140	PAVEMENT	0.00000037252902984619140625	YD	0.00000037252902984619140625
141	CONCRETE	0.00000037252902984619140625	YD	0.00000037252902984619140625
142	ASPHALT	0.0000007450580596923828125	YD	0.0000007450580596923828125
143	GRAVEL	0.0000007450580596923828125	YD	0.0000007450580596923828125
144	BASE COURSE	0.00000037252902984619140625	YD	0.00000037252902984619140625
145	PAVEMENT	0.000000186264514923095703125	YD	0.000000186264514923095703125
146	CONCRETE	0.000000186264514923095703125	YD	0.000000186264514923095703125
147	ASPHALT	0.00000037252902984619140625	YD	0.00000037252902984619140625
148	GRAVEL	0.00000037252902984619140625	YD	0.00000037252902984619140625
149	BASE COURSE	0.000000186264514923095703125	YD	0.000000186264514923095703125
150	PAVEMENT	0.0000000931322574615478515625	YD	0.0000000931322574615478515625
151	CONCRETE	0.0000000931322574615478515625	YD	0.0000000931322574615478515625
152	ASPHALT	0.000000186264514923095703125	YD	0.000000186264514923095703125
153	GRAVEL	0.000000186264514923095703125	YD	0.000000186264514923095703125
154	BASE COURSE	0.0000000931322574615478515625	YD	0.0000000931322574615478515625
155	PAVEMENT	0.000000046566128730773928125	YD	0.000000046566128730773928125
156	CONCRETE	0.000000046566128730773928125	YD	0.000000046566128730773928125
157	ASPHALT	0.0000000931322574615478515625	YD	0.0000000931322574615478515625
158	GRAVEL	0.0000000931322574615478515625	YD	0.0000000931322574615478515625
159	BASE COURSE	0.000000046566128730773928125	YD	0.000000046566128730773928125
160	PAVEMENT	0.0000000232830643653869640625		



KATY-GASTON BLVD
(LOCAL ROAD)



GREENBUSCH ROAD
LEFT TURN LANE CONSTRUCTION
(100' R.O.W.)

LEGEND

- ▨ IMPROVED CURB
- ▨ ALTHO EXISTING ELEVATION
- ▨ TYPE OF CURB ELEVATION
- ▨ EXISTING CURB TO BE REMOVED
- ▨ EXISTING CURB TO BE REMOVED

- REFER TO CONSTRUCTION NOTES
- ① CONSTRUCTION TO REMAIN EXISTING SYSTEM
 - ② CONSTRUCTION TO REMAIN EXISTING SYSTEM

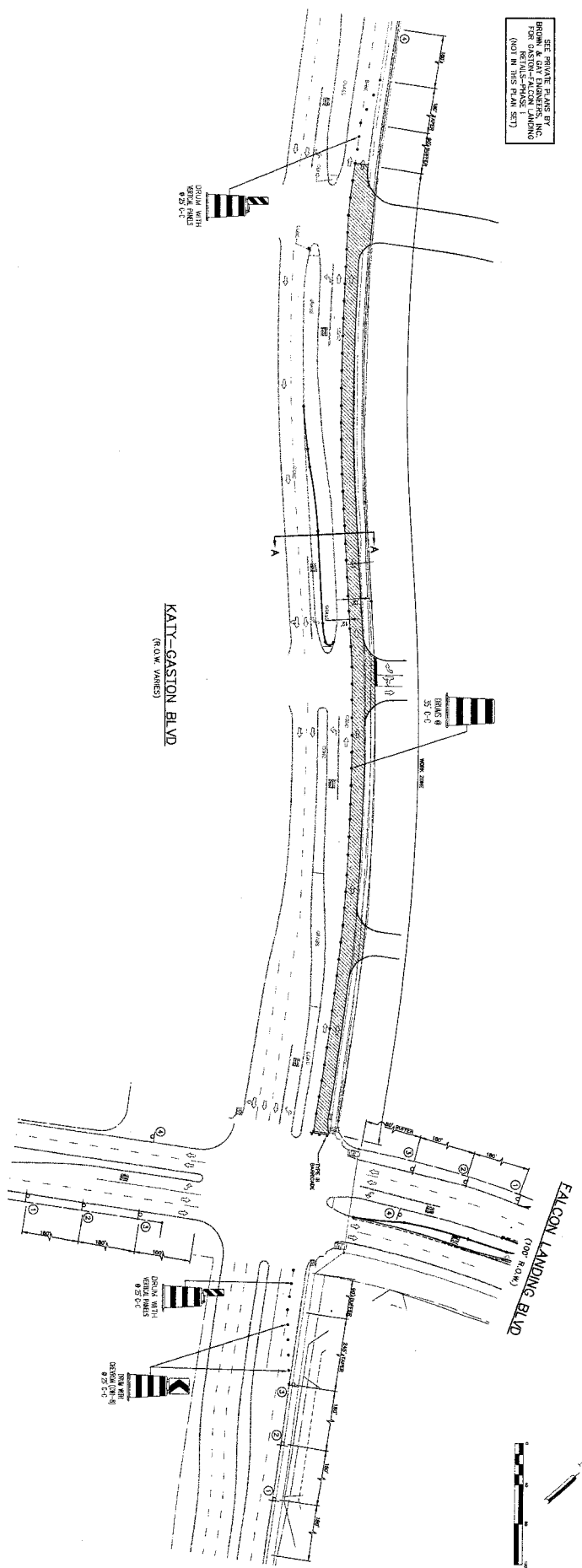
- CONSTRUCTION NOTES: 1. ESCALANNE, GREENHILLS, AND...
1. EXISTING CURB TO BE REMOVED AND REPLACED WITH IMPROVED CURB. ALL EXISTING CURB SHALL BE REMOVED AND REPLACED WITH IMPROVED CURB ON EXISTING PAVEMENT, AND 6" ASPHALT ON GRAVEL.
 2. THE EXISTING CURB SHALL BE REPLACED WITH IMPROVED CURB. ALL EXISTING CURB SHALL BE REMOVED AND REPLACED WITH IMPROVED CURB ON EXISTING PAVEMENT, AND 6" ASPHALT ON GRAVEL.
 3. THE EXISTING CURB SHALL BE REPLACED WITH IMPROVED CURB. ALL EXISTING CURB SHALL BE REMOVED AND REPLACED WITH IMPROVED CURB ON EXISTING PAVEMENT, AND 6" ASPHALT ON GRAVEL.
 4. THE EXISTING CURB SHALL BE REPLACED WITH IMPROVED CURB. ALL EXISTING CURB SHALL BE REMOVED AND REPLACED WITH IMPROVED CURB ON EXISTING PAVEMENT, AND 6" ASPHALT ON GRAVEL.
 5. THE EXISTING CURB SHALL BE REPLACED WITH IMPROVED CURB. ALL EXISTING CURB SHALL BE REMOVED AND REPLACED WITH IMPROVED CURB ON EXISTING PAVEMENT, AND 6" ASPHALT ON GRAVEL.
 6. THE EXISTING CURB SHALL BE REPLACED WITH IMPROVED CURB. ALL EXISTING CURB SHALL BE REMOVED AND REPLACED WITH IMPROVED CURB ON EXISTING PAVEMENT, AND 6" ASPHALT ON GRAVEL.
 7. THE EXISTING CURB SHALL BE REPLACED WITH IMPROVED CURB. ALL EXISTING CURB SHALL BE REMOVED AND REPLACED WITH IMPROVED CURB ON EXISTING PAVEMENT, AND 6" ASPHALT ON GRAVEL.
 8. THE EXISTING CURB SHALL BE REPLACED WITH IMPROVED CURB. ALL EXISTING CURB SHALL BE REMOVED AND REPLACED WITH IMPROVED CURB ON EXISTING PAVEMENT, AND 6" ASPHALT ON GRAVEL.
 9. THE EXISTING CURB SHALL BE REPLACED WITH IMPROVED CURB. ALL EXISTING CURB SHALL BE REMOVED AND REPLACED WITH IMPROVED CURB ON EXISTING PAVEMENT, AND 6" ASPHALT ON GRAVEL.
 10. THE EXISTING CURB SHALL BE REPLACED WITH IMPROVED CURB. ALL EXISTING CURB SHALL BE REMOVED AND REPLACED WITH IMPROVED CURB ON EXISTING PAVEMENT, AND 6" ASPHALT ON GRAVEL.

ONE-CALCULATED SYSTEM
FOR THE DESIGN OF THE
LEFT TURN LANE CONSTRUCTION
ON GREENBUSCH ROAD

APPROVED: [Signature]
DATE: 11/10

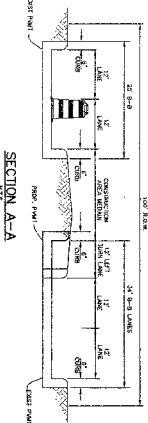
BCE BENTON & BOWEN CONSULTANTS, INC. 10000 W. GREENWOOD AVENUE FORT BEND COUNTY M.U.D. 185 GASTON FALCON LANDING RETAIL KROGER SW121 LEFT TURN LANE GREENBUSCH ROAD	JOB NUMBER: 185-000001-001 DRAWN BY: [Name] CHECKED BY: [Name] DATE: 11/10/10 SCALE: AS SHOWN SHEET NO. 02 OF 02

SEE PRIVATE PLANS BY
 ENGINEER AS NOTED FOR THE
 REMAINS-PHASE 1
 (NOT IN THIS PLAN SET)



KATY-GASTON BLVD
 (60' WIDE)

FALCON LANDING BLVD
 (60' ROAD)



SECTION A-A

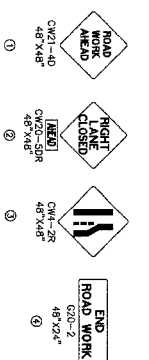
1. TYPICAL TRAFFIC CONTROL STRUCTURE

2. TYPICAL TRAFFIC CONTROL STRUCTURE

NO.	DESCRIPTION	QTY	UNIT	AMOUNT
1	CONCRETE SLAB	1	SQ YD	100
2	REINFORCEMENT	1	TON	10
3	FORMWORK	1	SQ YD	100
4	PAINT	1	GA	10
5	INSTALLATION	1	HR	10

NO.	DESCRIPTION	QTY	UNIT	AMOUNT
1	CONCRETE SLAB	1	SQ YD	100
2	REINFORCEMENT	1	TON	10
3	FORMWORK	1	SQ YD	100
4	PAINT	1	GA	10
5	INSTALLATION	1	HR	10

NO.	DESCRIPTION	QTY	UNIT	AMOUNT
1	CONCRETE SLAB	1	SQ YD	100
2	REINFORCEMENT	1	TON	10
3	FORMWORK	1	SQ YD	100
4	PAINT	1	GA	10
5	INSTALLATION	1	HR	10



NOTE: CONCRETE PLAN FOR OUT
 LANE REMAINING ALONGS ONLY
 AND INSTRUCTIONS.

LEGEND

TRAFFIC CONTROL ROAD

TRAFFIC CONTROL ROAD

NOTE: THE TRAFFIC CONTROL PLAN REPRESENTS
 MINIMUM REQUIREMENTS. CONTRACTOR TO BE
 RESPONSIBLE FOR CHANGES REQUIRED BY
 FIELD CONDITIONS.

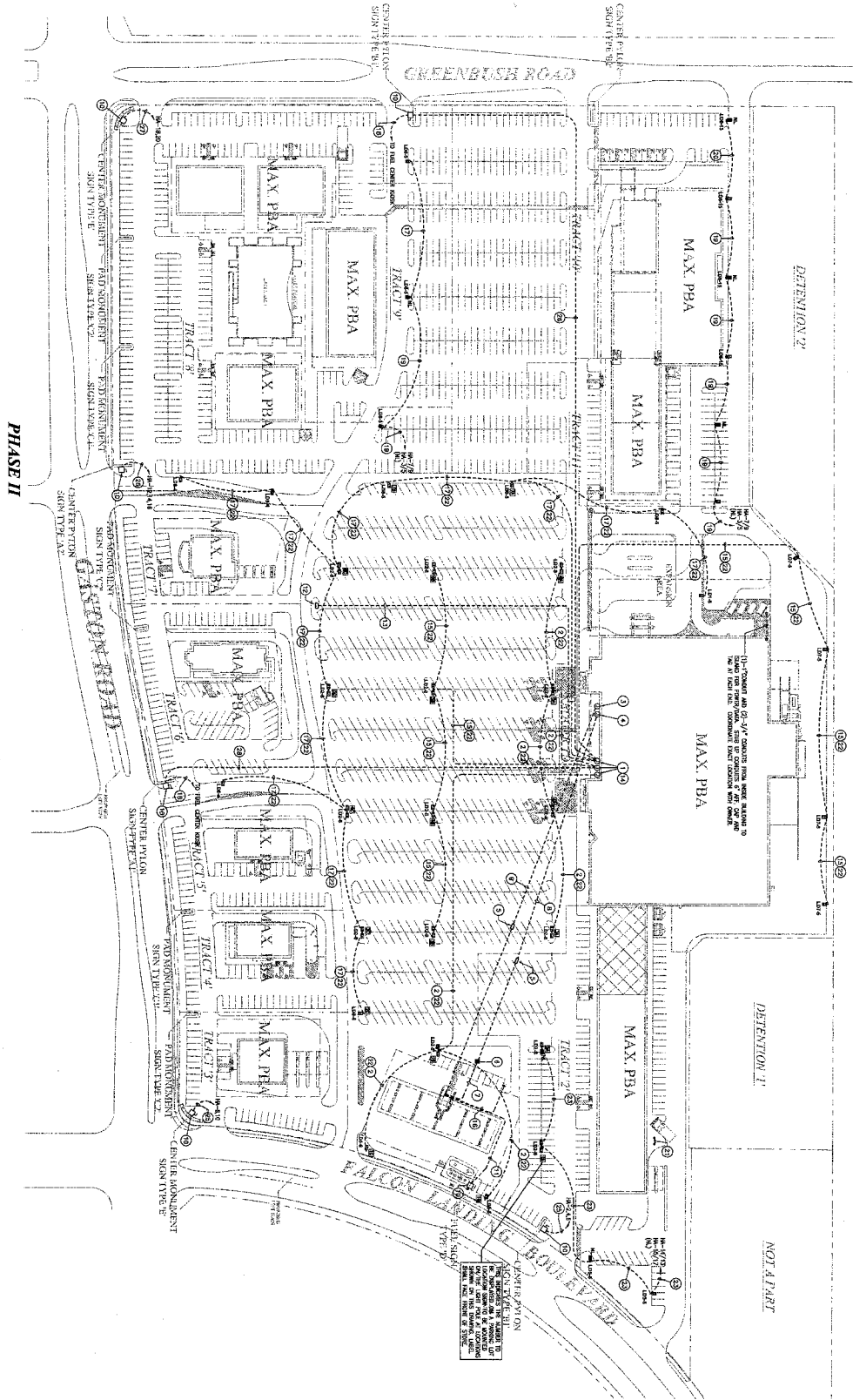
TRAFFIC CONTROL ROAD
 KATY-GASTON ROAD

APPROVED: _____ DATE: 11/12

PROJECT: TRAFFIC CONTROL ROAD
 KATY-GASTON ROAD

SCALE: AS SHOWN

EGE ENGINEERING & CONSTRUCTION, INC.
 1415 W. 14TH STREET, SUITE 100
 FORT BEND COUNTY, TEXAS 78122
 PHONE: 281-291-1111
 FAX: 281-291-1112
 WWW.EGE-INC.COM



- ELECTRICAL KEY 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).

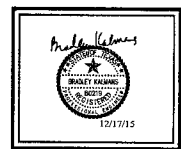
ELECTRICAL SITE PLAN
SCALE: 1/8" = 1'-0"

E1.0
ELECTRICAL
SITE PLAN

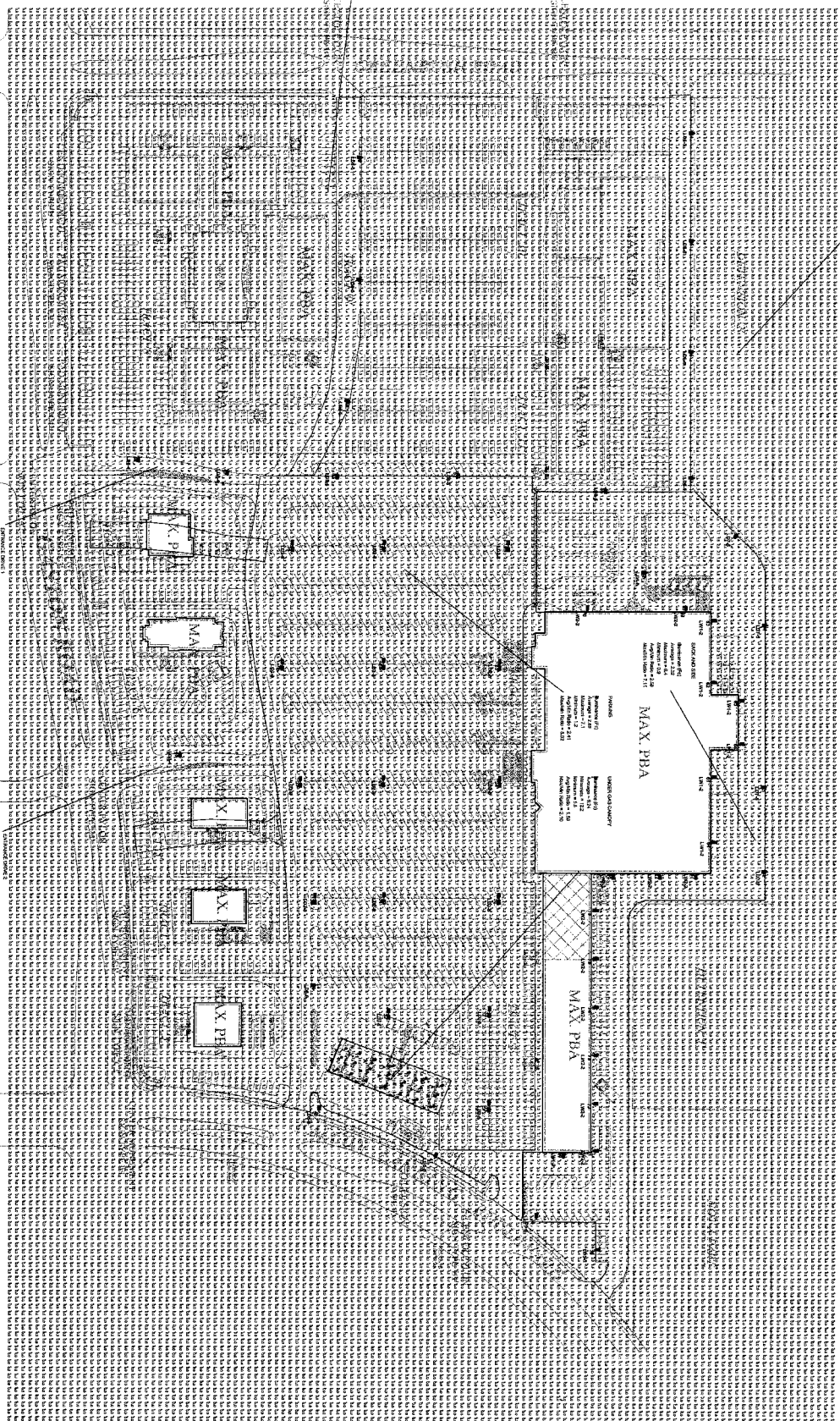
DATE: 12/17/15

KMESALASOBRIEN
Houston | Dallas | Ft. Worth | Baton Rouge
10630 W. Sam Houston Parkway N., Suite 800
Houston, Texas 77066
281.664.1600 | Registration No. F-4111

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



Project No.	315-151160
Drawn By	
Checked By	
Date	12/02/15
Revision/Date	
	12/20/15 BJD/SEI
	12/17/15 ADOBEN/AMF



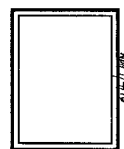
PHASE II

ELECTRICAL PHOTOMETRIC SITE PLAN

Label	Category	Units	Avg	Max	Min	Avghgt	Maxhgt
Center 1	Recessed	Ft	0.29	0.32	0.01	14.4	14.2
MAX PBA	Recessed	Ft	2.29	6.4	0.8	2.8	7.0
ENTRANCE DRIVE 1	Recessed	Ft	1.38	2.2	0.8	2.6	2.0
ENTRANCE DRIVE 2	Recessed	Ft	1.41	2.3	0.8	2.5	4.7
ENTRANCE DRIVE 3	Recessed	Ft	1.42	2.7	0.7	2.0	2.6
ENTRANCE DRIVE 4	Recessed	Ft	1.48	2.2	1.1	1.5	2.0
UNDER ROAD DRIVE	Recessed	Ft	2.29	2.1	1.2	2.4	3.0

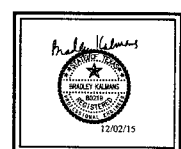
System	Qty	Label	Manufacturer	Lum. Value	Total Value	Lum. Lumens	LUF	Coordinates	Start Xing
1	71	A	SONOCE	427	30317	4184	0.127	1202-015-001-001-001	820-0-0
2	1	LS10	SONOCE	421	421	4213	0.127	1202-015-001-001-002	820-0-0
3	1	LS10	SONOCE	315	315	3157	0.127	1202-015-001-001-003	820-0-0
4	1	LS10	SONOCE	421	421	4213	0.127	1202-015-001-001-004	820-0-0
5	2	LS10	SONOCE	391	782	3913	0.127	1202-015-001-001-005	820-0-0
6	2	LS10	SONOCE	391	782	3913	0.127	1202-015-001-001-006	820-0-0
7	1	LS10	SONOCE	391	391	3913	0.127	1202-015-001-001-007	820-0-0
8	1	LS10	SONOCE	391	391	3913	0.127	1202-015-001-001-008	820-0-0
9	1	LS10	SONOCE	391	391	3913	0.127	1202-015-001-001-009	820-0-0
10	1	LS10	SONOCE	391	391	3913	0.127	1202-015-001-001-010	820-0-0
11	1	LS10	SONOCE	421	421	4213	0.127	1202-015-001-001-011	820-0-0
12	1	LS10	SONOCE	421	421	4213	0.127	1202-015-001-001-012	820-0-0
13	1	LS10	SONOCE	421	421	4213	0.127	1202-015-001-001-013	820-0-0
14	1	LS10	SONOCE	421	421	4213	0.127	1202-015-001-001-014	820-0-0
15	1	LS10	SONOCE	421	421	4213	0.127	1202-015-001-001-015	820-0-0
16	1	LS10	SONOCE	421	421	4213	0.127	1202-015-001-001-016	820-0-0
17	1	LS10	SONOCE	421	421	4213	0.127	1202-015-001-001-017	820-0-0
18	1	LS10	SONOCE	421	421	4213	0.127	1202-015-001-001-018	820-0-0
19	1	LS10	SONOCE	421	421	4213	0.127	1202-015-001-001-019	820-0-0
20	1	LS10	SONOCE	421	421	4213	0.127	1202-015-001-001-020	820-0-0
21	1	LS10	SONOCE	421	421	4213	0.127	1202-015-001-001-021	820-0-0
22	1	LS10	SONOCE	421	421	4213	0.127	1202-015-001-001-022	820-0-0
23	1	LS10	SONOCE	421	421	4213	0.127	1202-015-001-001-023	820-0-0
24	1	LS10	SONOCE	421	421	4213	0.127	1202-015-001-001-024	820-0-0
25	1	LS10	SONOCE	421	421	4213	0.127	1202-015-001-001-025	820-0-0
26	1	LS10	SONOCE	421	421	4213	0.127	1202-015-001-001-026	820-0-0
27	1	LS10	SONOCE	421	421	4213	0.127	1202-015-001-001-027	820-0-0
28	1	LS10	SONOCE	421	421	4213	0.127	1202-015-001-001-028	820-0-0
29	1	LS10	SONOCE	421	421	4213	0.127	1202-015-001-001-029	820-0-0
30	1	LS10	SONOCE	421	421	4213	0.127	1202-015-001-001-030	820-0-0

ELECTRICAL PHOTOMETRIC SITE PLAN
E1.1



KMSALASOBRIEN
Houston | Dallas | Fort Worth | Baton Rouge
19520 W. Sam Houston Parkway N., Suite 200
Houston, Texas 77066
281.554.1900 | Fax: 281.554.1911

GASTON & FALCON LANDING (SP-16K)

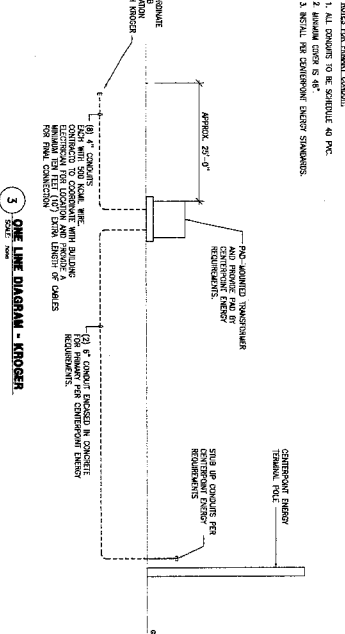


Project No: 315-151160
Drawn By: [Name]
Checked By: [Name]
Date: 12/02/15
Revision: 1202-015 BID SET

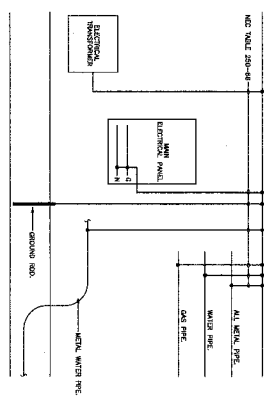
PARKING LOT LIGHT FIXTURE SCHEDULE

TYPE	MANUFACTURER	NUMBER OF FIXTURES PER POLE	LAMPS	POLE MODEL NO./DIMENS
U0-1	MCCORM EDSION QLEDN-4C-08-LED-480-5W-42	1	LED	MCCORM EDSION MAY08 BZ/MS3035-41
U0-2	MCCORM EDSION QLEDN-4C-08-LED-480-5W-42	2	LED	MCCORM EDSION MAY08 BZ/MS3035-41-180
U0-3	MCCORM EDSION QLEDN-4C-08-LED-480-5W-42	2	LED	MCCORM EDSION MAY08 BZ/MS3035-41-180
U0-4	MCCORM EDSION QLEDN-4C-08-LED-480-5W-42	1	LED	MCCORM EDSION MAY08 BZ/MS3035-41
U0-5	MCCORM EDSION QLEDN-4C-08-LED-480-5W-42	1	LED	MCCORM EDSION MAY08 BZ/MS3035-41
U0-6	MCCORM EDSION QLEDN-4C-08-LED-480-5W-42	1	LED	MCCORM EDSION MAY08 BZ/MS3035-41
U0-7	MCCORM EDSION QLEDN-4C-08-LED-480-5W-42	1	LED	MCCORM EDSION MAY08 BZ/MS3035-41
U0-8	MCCORM EDSION QLEDN-4C-08-LED-480-5W-42	1	LED	MCCORM EDSION MAY08 BZ/MS3035-41
U0-9	MCCORM EDSION QLEDN-4C-08-LED-480-5W-42	1	LED	MCCORM EDSION MAY08 BZ/MS3035-41
U0-10	MCCORM EDSION QLEDN-4C-08-LED-480-5W-42	1	LED	MCCORM EDSION MAY08 BZ/MS3035-41

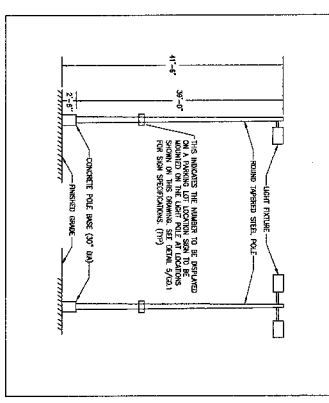
- NOTES:**
- REMOVE IN-PIPE PASSES IN ALL POLE STANDOFFS.
 - POLE SHALL BE DESIGNED TO WITHSTAND 110 MPH WITH 1.3 GUST FACTOR AND STRENGTH AS REQUIRED IN TABLE 1603.2.1 BC.
 - SEE POLE BASE DETAIL THIS SHEET.
 - REMOVE ALL REQUIRED MARKING BRACKETS FOR COMPLETE INSULATION OF POLES AND FIXTURES.
 - ALL FIXTURES, POLES, BRACKETS, ETC. TO BE DARK BRONZE.
 - ALL SET LIGHTING FIXTURES, FIXTURES, ETC. (EXCEPT FOR COMPLETE BRACKETS WHICH APPLY TO BE BRACKETS BY MANUFACTURER) SHALL BE INSTALLED BY ELECTRICAL CONTRACTOR. ALLOW 4-8 WEEKS LEAD TIME FOR DELIVERY OF LIGHTING MATERIALS. ALL MATERIALS MUST BE NEW AND REMAINS AND THE ELECTRICAL CONTRACTOR'S RESPONSIBILITY. ALL SET LIGHTING FIXTURES, POLES, BRACKETS, ETC. WITHIN 100' TRACK (GRADE) DISTANCE TO POLE, MUST TO BE TRANSPORTED AND INSTALLED BY ELECTRICAL CONTRACTOR.



3 ONE LINE DIAGRAM - KROGER



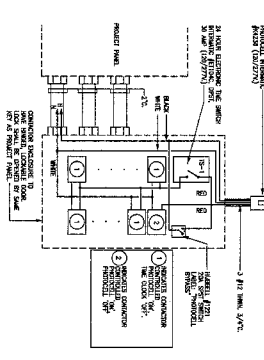
5 TRANSFORMER GROUNDING



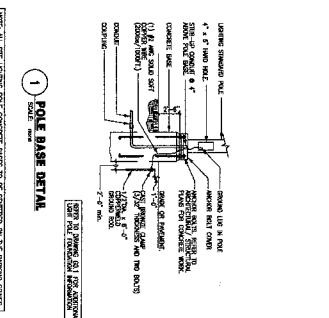
2 SITE LIGHTING DETAIL

SYMBOL SCHEDULE

SYMBOL	DESCRIPTION (CORRELATE THIS WITH SYMBOL IN PLAN)
U0-1	UPPER LIGHTING FIXTURE TYPE - SEE LIGHT FIXTURE SCHEDULE
U0-2	UPPER LIGHTING FIXTURE
U0-3	UPPER LIGHTING FIXTURE
U0-4	UPPER LIGHTING FIXTURE
U0-5	UPPER LIGHTING FIXTURE
U0-6	UPPER LIGHTING FIXTURE
U0-7	UPPER LIGHTING FIXTURE
U0-8	UPPER LIGHTING FIXTURE
U0-9	UPPER LIGHTING FIXTURE
U0-10	UPPER LIGHTING FIXTURE



4 LIGHTING CONTROL DIAGRAM



1 POLE BASE DETAIL

E2.0

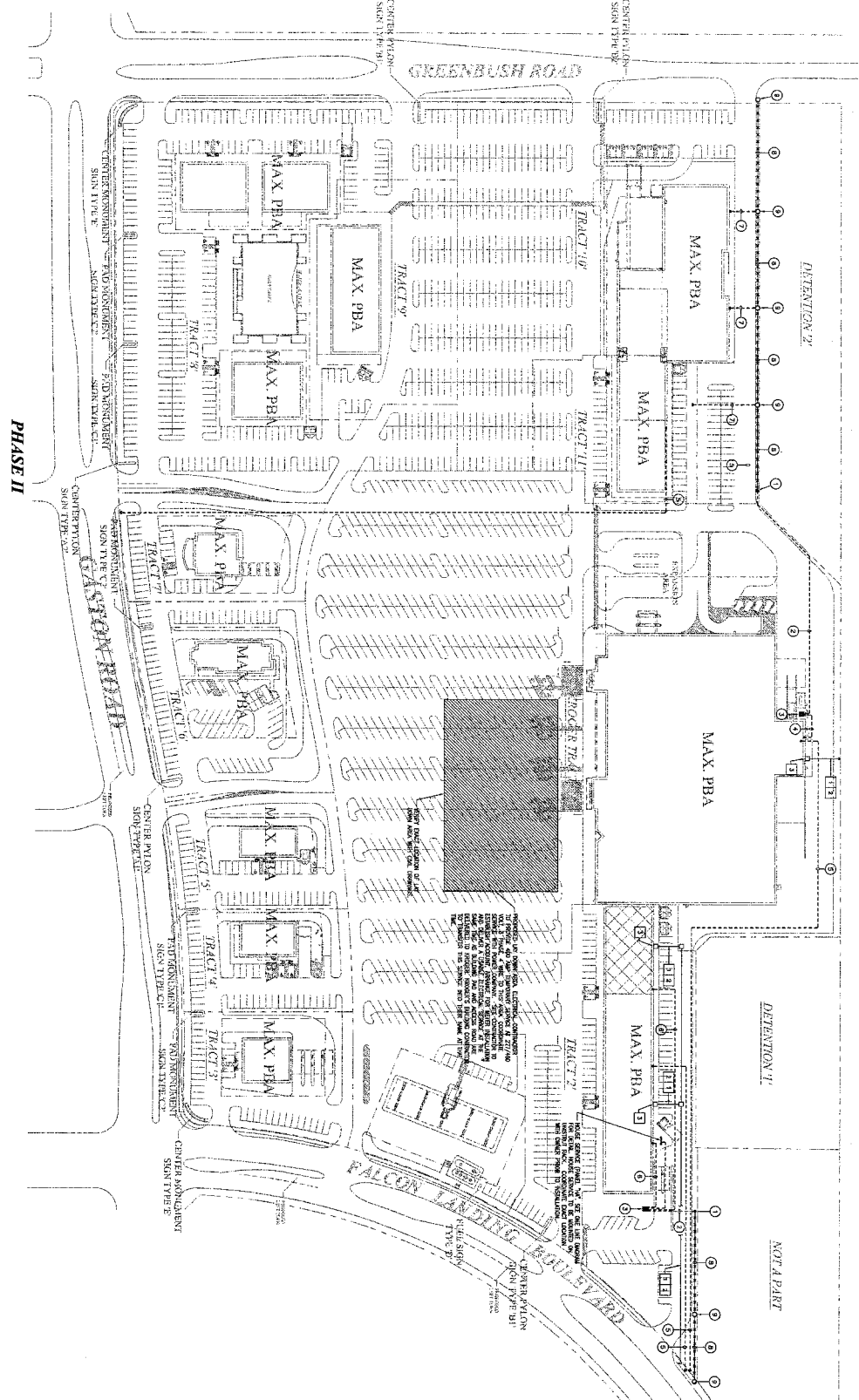
ELECTRICAL SCHEDULES, NOTES AND DETAILS

KMS&S OBRIEN
Houston | Dallas | Ft. Worth | Baton Rouge
10050 W. Sam Houston Parkway N., Suite 900
Houston, TX 77067
281.664.9000 | Support@kmsobrien.com | No. 4-111

GASTON & FALCON LANDING (SP-16K)

Project No. 315-151180
Drawn By: [Signature]
Date: 12/02/15
Project Name: 12102-0115 BID SET

12/02/15



PHASE II

1 ELECTRICAL / PLUMBING SITE PLAN
SCALE: 1" = 60'-0"

- PLUMBING NOTES**
- 1. ALL WORK SHALL BE IN ACCORDANCE WITH THE CITY OF HOUSTON PLUMBING CODE.
 - 2. THE SET CONTRACTOR SHALL VERIFY THE LOCATION AND DEPTH OF ALL EXISTING UTILITIES PRIOR TO ANY EXCAVATION WORK.
 - 3. ALL NEW PLUMBING SHALL BE INSTALLED IN ACCORDANCE WITH THE CITY OF HOUSTON PLUMBING CODE.
 - 4. SEE OTHER LOCATIONS.

- ELECTRICAL NOTES**
- 1. ALL WORK SHALL BE IN ACCORDANCE WITH THE CITY OF HOUSTON ELECTRICAL CODE.
 - 2. THE SET CONTRACTOR SHALL VERIFY THE LOCATION AND DEPTH OF ALL EXISTING UTILITIES PRIOR TO ANY EXCAVATION WORK.
 - 3. ALL NEW ELECTRICAL SHALL BE INSTALLED IN ACCORDANCE WITH THE CITY OF HOUSTON ELECTRICAL CODE.
 - 4. SEE OTHER LOCATIONS.
 - 5. ALL ELECTRICAL WORK SHALL BE INSTALLED IN ACCORDANCE WITH THE CITY OF HOUSTON ELECTRICAL CODE.
 - 6. ALL ELECTRICAL WORK SHALL BE INSTALLED IN ACCORDANCE WITH THE CITY OF HOUSTON ELECTRICAL CODE.
 - 7. ALL ELECTRICAL WORK SHALL BE INSTALLED IN ACCORDANCE WITH THE CITY OF HOUSTON ELECTRICAL CODE.
 - 8. ALL ELECTRICAL WORK SHALL BE INSTALLED IN ACCORDANCE WITH THE CITY OF HOUSTON ELECTRICAL CODE.
 - 9. ALL ELECTRICAL WORK SHALL BE INSTALLED IN ACCORDANCE WITH THE CITY OF HOUSTON ELECTRICAL CODE.
 - 10. ALL ELECTRICAL WORK SHALL BE INSTALLED IN ACCORDANCE WITH THE CITY OF HOUSTON ELECTRICAL CODE.
 - 11. ALL ELECTRICAL WORK SHALL BE INSTALLED IN ACCORDANCE WITH THE CITY OF HOUSTON ELECTRICAL CODE.
 - 12. ALL ELECTRICAL WORK SHALL BE INSTALLED IN ACCORDANCE WITH THE CITY OF HOUSTON ELECTRICAL CODE.

NOT A PART

ELECTRICAL / PLUMBING
SITE PLAN
EP1.0

KMESALASOBRIEN
Houston | Dallas | Ft. Worth | Baton Rouge
10300 W. Sam Houston Parkway N., Suite 900
Houston, Texas 77066
281.664.1622 | Registration No. P-4111

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

Protein Ventures
PROTEIN VENTURES
12/02/15

Project No.	315-151160
Client No.	
Checked By	12/02/15
Date	
Revision	
12/02/2015	BID SET

12/02/15

DETONTON '2'
SF (### AC)

DEPARTMENT OF PLANNING & DEVELOPMENT
LANDSCAPE ANALYSIS FORM

Project Name: Stableside at Falcon Landing Retail
Project Address: 102473 S.F.
Project Type: Retail

1. TREE AND BUSH PLANTING REQUIREMENTS

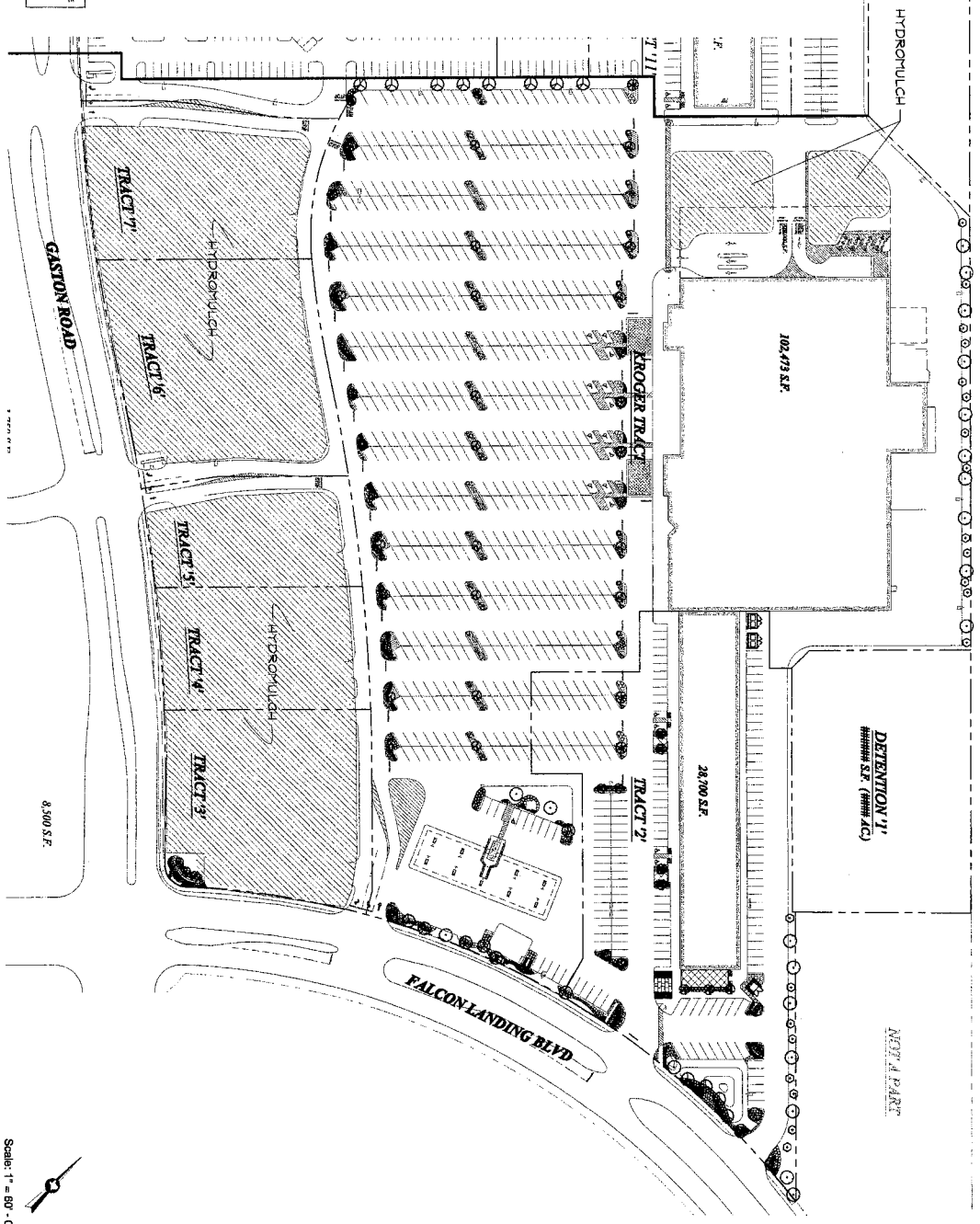
STREET NAME	Street Side	Planting	Planting	Planting
FALCON LANDING BLVD	Left	10	10	10
	Right	10	10	10
	Total	20	20	20

2. LANDSCAPE DETAILS

Detail	Location	Planting	Planting	Planting
1. Street Side Planting	Left	10	10	10
2. Street Side Planting	Right	10	10	10
3. Street Side Planting	Total	20	20	20

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



IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO WATER THE HYDRONULCH SYSTEM TO ESTABLISH GROWTH AND FULL TURF. SEE HYDRONULCH SPECIFICATIONS.



Stableside at Falcon Landing Retail
Landscape Improvements

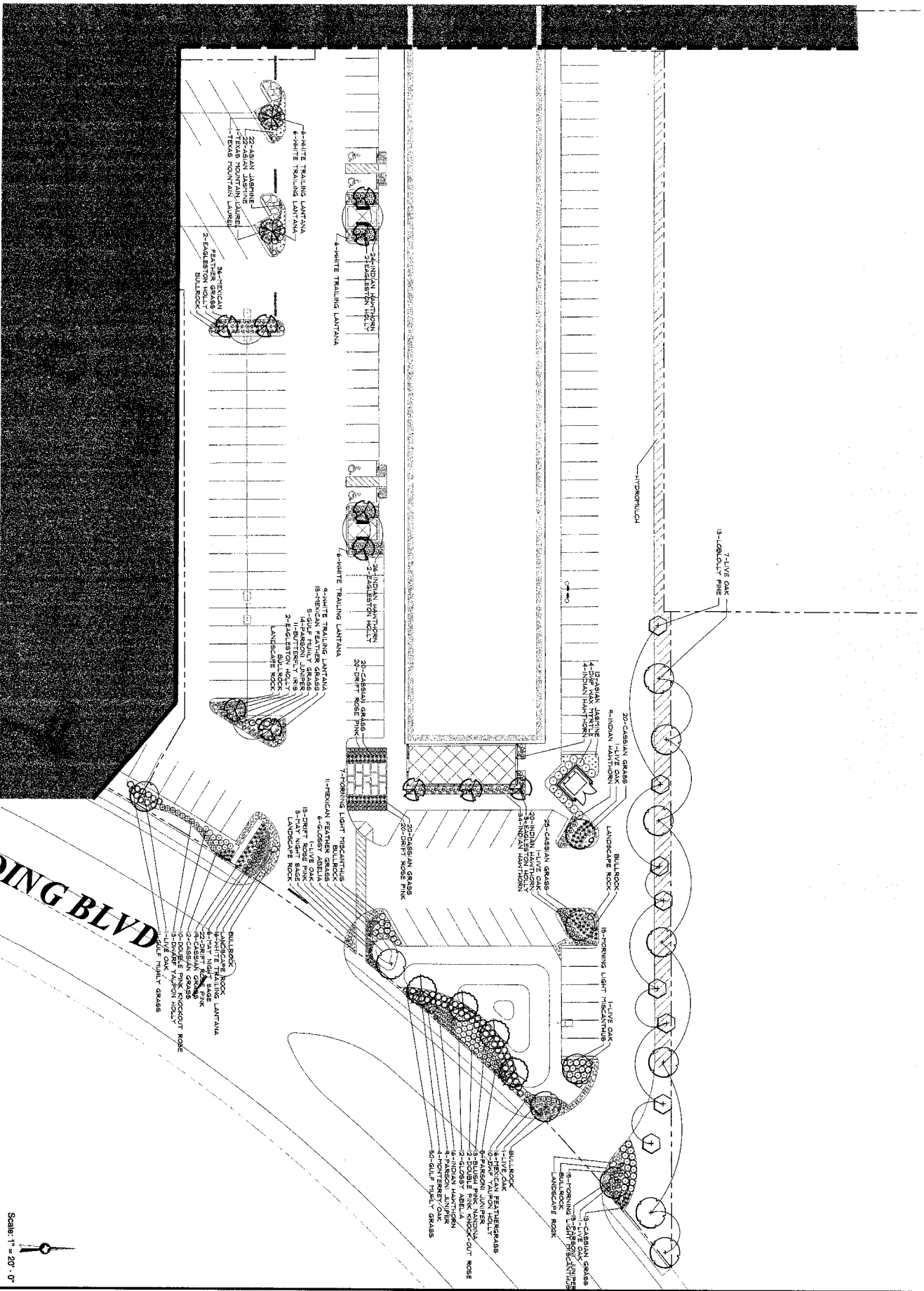
Katy, TX



CMB
LANDSCAPE ARCHITECTURE
18135 FM 392
Newport, TX 77856
832-426-1289
832-426-1290
Commercial, Industrial, & Residential
Landscape Architecture

Job No.:	117-14-018
Scale:	1" = 80' - 0"
Date:	06/2/2015
Prepared:	MICHAEL COMPTON
Checked:	06/2/2015

L-1
Overall Landscape Plan



Scale: 1" = 20'-0"

Stableside at Falcon Landing Retail Landscape Improvements

Katy, TX

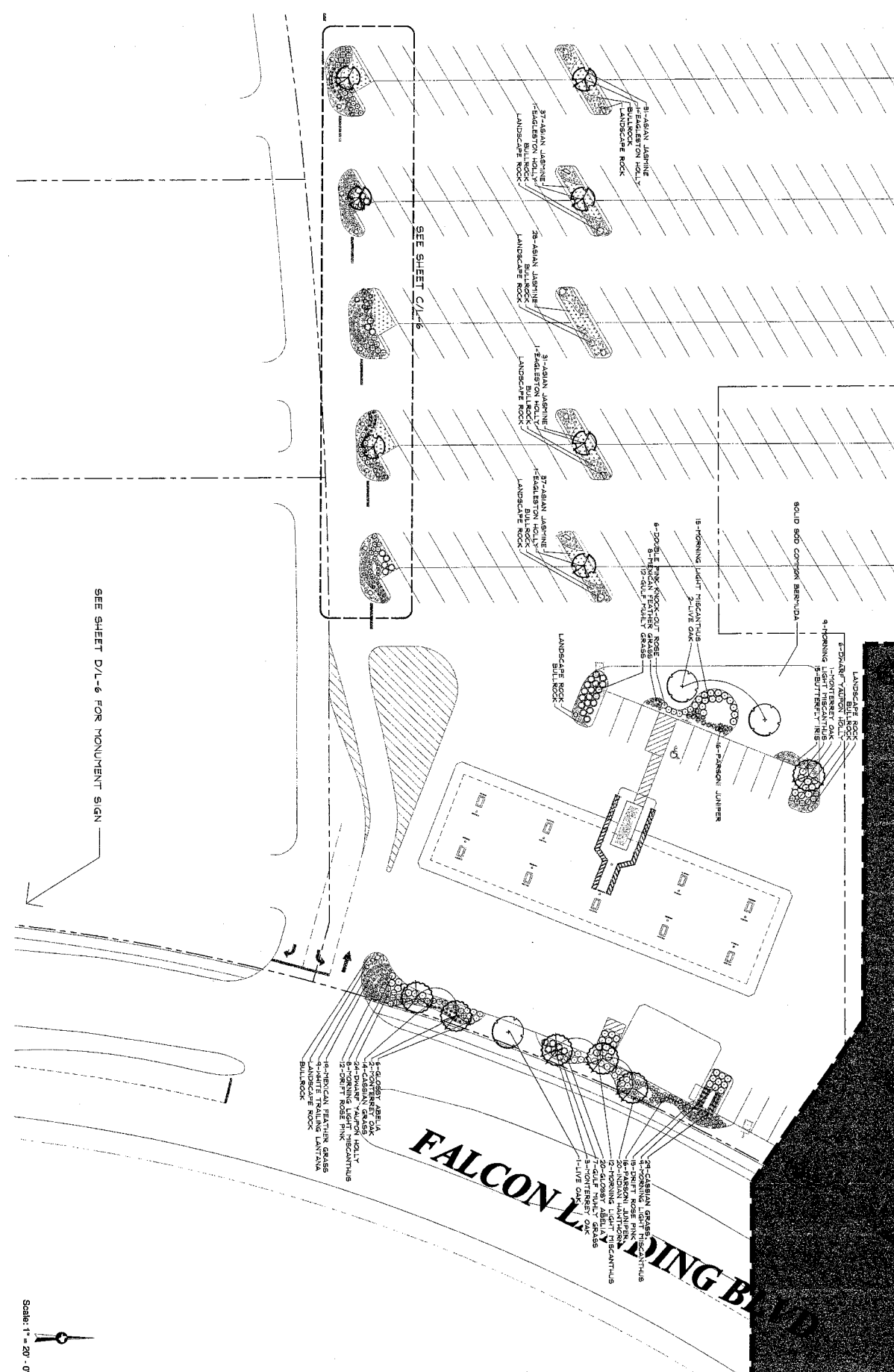


CMB
 LANDSCAPE
 ARCHITECTURE
 1815F PM 382
 Houston, TX 77058
 832-425-1299
 Commercial, Multi-Family, & Residential
 Landscape Architecture

Job No.:	12-2-15-008
Book:	1" = 20' - 0"
Date:	07/12/2015
Revised:	08/03/2015
Drawn by:	TRG
Checked by:	TRG
Scale:	1" = 20' - 0"

L-3

Site Landscape
Plan



Job No.:	1111-15-018
Scale:	1" = 20' - 0"
Date:	06/2/2012
Revised:	NOV 20 2012
Drawn by:	W. J. GARDNER
Checked by:	W. J. GARDNER
Approved by:	W. J. GARDNER

Stableside at Falcon Landing Retail
Landscape Improvements
 Katy, TX



CMB
LANDSCAPE
ARCHITECTURE

14825 FM 392
 Houston, TX 77060
 832-458-1209

Commercial, Multi-Family & Residential
 Landscape Architecture



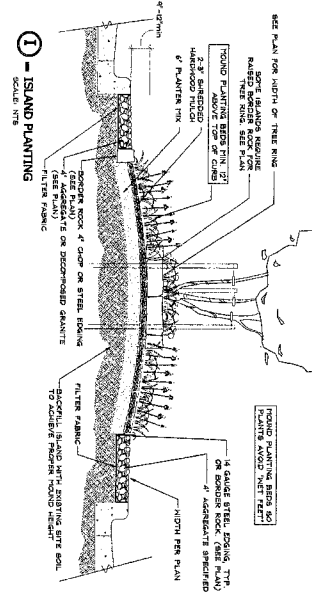
CONTRACTOR SHALL REMOVE EXCESS FROM THE PLANT QUANTITIES PROVIDED AND REPAIR OR REPLACE ANY DAMAGE TO THE EXISTING HARDWARE BE HELD ACCOUNTABLE FOR QUANTITIES FROM THE PLAN.

PLANT LIST

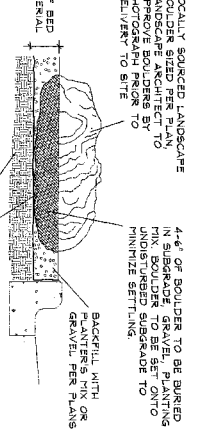
SYMBOL	QTY	COMMON NAME	SCIENTIFIC NAME	SIZE	REMARKS
18		MONTEREY OAK	Quercus polymorpha	48 gal	3" CAL. (2-1/4" HT.) 7-8 SPIND SPECIMEN
27		LIVE OAK	Quercus virginica	48 gal	3" CAL. (2-1/4" HT.) 7-8 SPIND SPECIMEN
9		TEXAS FRONTINIA LABEL	Sophora secundiflora	48 gal	2" CAL. 8-10 FT. 5-6 SPIND SPECIMEN
24		EARLESTON HOLLY	Ilex x attenuata	60 gal	2" CAL. 8-10 FT. 5-6 SPIND SPECIMEN. TREE FORM LISHED UP 9" DIA.
21		LOBLOLLY HINE	Pinus taeda	60 gal	3" CAL. (2-1/4" HT.) 7-8 SPIND SPECIMEN
14		DWARF HAW WREATHLE	Myrica carolinensis	3 gal	2 1/2" Hx. 18" SPIND FULL, rounded
13		DWARF YAUPOIN HOLLY	Ilex x attenuata	3 gal	1 1/2" Hx. 18" SPIND FULL, rounded
17		GULF PINEAPPLE GRASS	Flahaultia capillaris	3 gal	2 1/2" Hx. 18" SPIND FULL, rounded
5		SAVANNAH STONE PLANT	Liatris scariosa	3 gal	2 1/2" Hx. 18" SPIND FULL, rounded
31		GLASSY ABUTILON TERAZZO GARDNER	Abutilon triflorum	3 gal	20" Hx. 20" SPIND FULL, rounded PINK FLOWER
36		KNOCKOUT ROSE (DOUBLE PINK)	Rosa x hybridae	3 gal	24" Hx. 18" SPIND FULL, rounded DOUBLE PINK FLOWERS
88		NOYAN HAWTHORN PRINCE	Rhipsalis rubra 'Prinze'	3 gal	18" Hx. 18" SPIND FULL, rounded PINK FLOWERS
40		BLOSSOM PINK NANOPIA	Nanopia americana	3 gal	18" Hx. 18" SPIND FULL, rounded
40		POPPING LIGHT MISCANTHUS	Miscanthus sinensis	3 gal	18" Hx. 18" SPIND FULL, rounded
48		PALMSON JASMINE	Yucca filamentosa	3 gal	18" Hx. 18" SPIND FULL, rounded
270		CASABLANCA GRASS	Panicum stipitatum	3 gal	18" Hx. 18" SPIND FULL, rounded
166		DIFFIC ROSE PINK	Rosa x hybridae	3 gal	18" Hx. 18" SPIND FULL, rounded
202		MEXICAN FEATHER GRASS	Nassella tenuiflora	3 gal	18" Hx. 18" SPIND FULL, rounded
28		BITTERSWEET NIS	Nyssa sylvatica	1 gal	18" Hx. 18" SPIND FULL, rounded
15		RAY NIGHT SHADE	Solanum elaeagnifolium	1 gal	18" Hx. 18" SPIND FULL, rounded
48		WHITE TRAILING LANTANA	Lantana montealegreensis	1 gal	18" Hx. 18" SPIND FULL, rounded
48		SLANT LAMBIE	Lonicera maackii	1 gal	18" Hx. 18" SPIND FULL, rounded
413		ASIAN JASMINE	Yucca filamentosa	4" POT	18" Hx. 18" SPIND FULL, rounded 24" OC

ALL AGGREGATE SHALL BE BULK ROSS 3"-5" AGGREGATE AND LANDSCAPE ROCK TO BE HOSS ROCK VARYING IN SIZE FROM 1/2" TO 1 1/2". LARGE ROCK WILL BE IN TOWN HOLE AND REDUCED AS DECORATIVE IN OTHER AREAS.

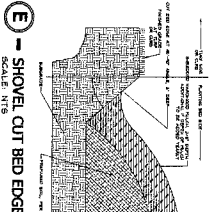
NOTES:
1. MORE SCHEDULING CONTRACTOR SHALL SCHEDULE A RECONSTRUCTION MEETING WITH LANDSCAPE ARCHITECT AND CONTRACTOR TO DISCUSS THE PLAN AND SCHEDULE. CONTRACTOR SHALL ASSUME FULL RESPONSIBILITY FOR ANY REVISIONS NECESSARY.
2. CONTRACTOR SHALL APPLY FOR AND RECEIVE ALL REQUIRED PERMITS PRIOR TO COMMENCING WORK.
3. CONTRACTOR SHALL LOCATE ALL UNDERGROUND UTILITIES PRIOR TO ANY WORK. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO UTILITIES.
4. CONTRACTOR SHALL NOT INITIALLY PROCEED WITH CONSTRUCTION AS DESIGNED WHEN IT IS OBVIOUS THAT UNKNOW OBSTRUCTIONS AND/OR GRADE DIFFERENCES EXIST THAT MAY NOT HAVE BEEN FORESEEN IN THE DESIGN. CONTRACTOR SHALL BE BROUGHT UP TO THE OWNER'S REPRESENTATIVE. THE CONTRACTOR SHALL ASSUME FULL RESPONSIBILITY FOR ANY REVISIONS NECESSARY.
5. CONTRACTOR SHALL COORDINATE ALL WORK WITH OTHER SUBCONTRACTORS ON THE JOB SITE AS REQUIRED TO COMPLETE CONSTRUCTION.
6. CONTRACTOR TO PROVIDE SAMPLES OF EACH SHRUB AND GROUND COVER SPECIES OR NURSERY SOURCE FOR APPROVAL BY LANDSCAPE ARCHITECT PRIOR TO INSTALLATION. ALL PLANTS ARE TO BE SPECIFIED QUALITY FULLY GROWN AND HEALTHY. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL MATERIALS OF THE SAME SPECIES AND NOT FROM CONTRACTORS HOLDING YARD AFTER AN EXTENDED PERIOD. THESE MATERIALS SHALL BE OBTAINED FROM THE SAME SOURCE. MATERIAL SHALL BE SHIPPED TO THE JOB SITE AND ALL PLANT MATERIAL THAT DOES NOT MEET SATISFACTORY EXPECTATIONS OF LANDSCAPE ARCHITECT.



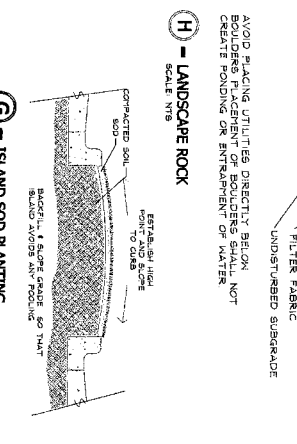
I - ISLAND PLANTING
SCALE NTS



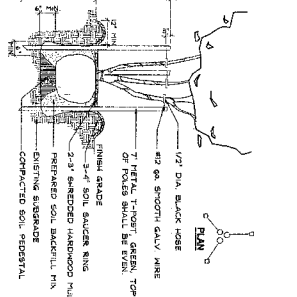
H - LANDSCAPE ROCK
SCALE NTS



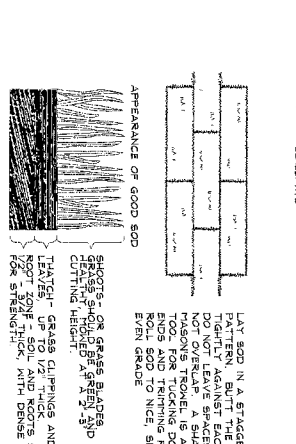
E - SHOVEL OUT BED EDGE
SCALE NTS



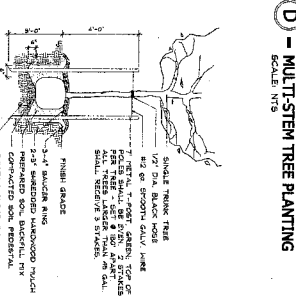
G - ISLAND SOD PLANTING
SCALE NTS



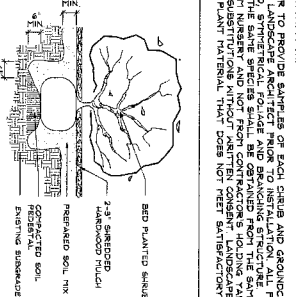
D - MULTI-STEM TREE PLANTING
SCALE NTS



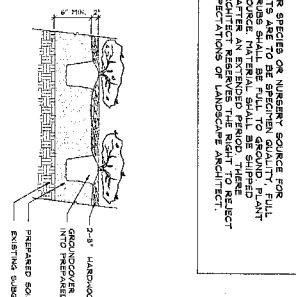
F - SOD PLANTING
SCALE NTS



C - TREE PLANTING
SCALE NTS



B - SHRUB PLANTING
SCALE NTS



A - GROUND COVER PLANTING
SCALE NTS

The specification is a matter project not code-specific. It is the responsibility of the contractor to coordinate with the general contractor and other trades to ensure that the work is coordinated with the overall project schedule and to ensure that the work is completed in a timely manner.

SECTION 12 30 00 - PLANNING

PART 1 - GENERAL

1.1 SUMMARY

Section includes:
1. Seeding and Sodding

Adjust below to suit project:
1. Seeding and Sodding

1.2 TRADES AND FINISH

1.2.1 SEEDING

A. Certification (grass seed) and/or seed analysis for turfgrass seed.
B. Seed analysis for each unseeded soil type, furnish soil analysis and a copy of the report to the contractor.
C. Turf and sodding to be installed in accordance with the Contractor's specifications for the work.

1.2.2 SODDING

A. Sodding to be installed in accordance with the Contractor's specifications for the work.
B. Sodding to be installed in accordance with the Contractor's specifications for the work.
C. Sodding to be installed in accordance with the Contractor's specifications for the work.

1.3 QUALITY ASSURANCE

A. USA Standard for Nursery Stock shall govern the quality of plant materials.
B. Soil analysis for each unseeded soil type, furnish soil analysis and a copy of the report to the contractor.
C. Turf and sodding to be installed in accordance with the Contractor's specifications for the work.

1.4 WARRANTY

A. Special Warranty - Turfgrass seed to remain in good condition for a period of 12 months after the date of installation.
B. Special Warranty - Sodding to remain in good condition for a period of 12 months after the date of installation.
C. Special Warranty - Sodding to remain in good condition for a period of 12 months after the date of installation.

1.5 MAINTENANCE SERVICE

A. Provide for maintenance of the turfgrass seed and sodding for a period of 12 months after the date of installation.
B. Provide for maintenance of the turfgrass seed and sodding for a period of 12 months after the date of installation.
C. Provide for maintenance of the turfgrass seed and sodding for a period of 12 months after the date of installation.

2.1 SEED

A. Provide for maintenance of the turfgrass seed and sodding for a period of 12 months after the date of installation.
B. Provide for maintenance of the turfgrass seed and sodding for a period of 12 months after the date of installation.
C. Provide for maintenance of the turfgrass seed and sodding for a period of 12 months after the date of installation.

2.2 TURFGRASS SOD

A. Provide for maintenance of the turfgrass sod and sodding for a period of 12 months after the date of installation.
B. Provide for maintenance of the turfgrass sod and sodding for a period of 12 months after the date of installation.
C. Provide for maintenance of the turfgrass sod and sodding for a period of 12 months after the date of installation.

2.3 PLANT MATERIAL

A. Provide for maintenance of the plant material and sodding for a period of 12 months after the date of installation.
B. Provide for maintenance of the plant material and sodding for a period of 12 months after the date of installation.
C. Provide for maintenance of the plant material and sodding for a period of 12 months after the date of installation.

2.4 PLANNING SOILS

A. Provide for maintenance of the planning soils and sodding for a period of 12 months after the date of installation.
B. Provide for maintenance of the planning soils and sodding for a period of 12 months after the date of installation.
C. Provide for maintenance of the planning soils and sodding for a period of 12 months after the date of installation.

2.5 MULCHES

A. Provide for maintenance of the mulches and sodding for a period of 12 months after the date of installation.
B. Provide for maintenance of the mulches and sodding for a period of 12 months after the date of installation.
C. Provide for maintenance of the mulches and sodding for a period of 12 months after the date of installation.

3.1 PREPARATION

A. All areas to be prepared shall be cleared of all existing vegetation and debris.
B. All areas to be prepared shall be cleared of all existing vegetation and debris.
C. All areas to be prepared shall be cleared of all existing vegetation and debris.

3.2 HYDROSEEDING

A. Hydroseeding shall be performed in accordance with the Contractor's specifications for the work.
B. Hydroseeding shall be performed in accordance with the Contractor's specifications for the work.
C. Hydroseeding shall be performed in accordance with the Contractor's specifications for the work.

3.3 SEEDING

A. Seeding shall be performed in accordance with the Contractor's specifications for the work.
B. Seeding shall be performed in accordance with the Contractor's specifications for the work.
C. Seeding shall be performed in accordance with the Contractor's specifications for the work.

3.4 SODDING

A. Sodding shall be performed in accordance with the Contractor's specifications for the work.
B. Sodding shall be performed in accordance with the Contractor's specifications for the work.
C. Sodding shall be performed in accordance with the Contractor's specifications for the work.

3.5 MAINTENANCE

A. Maintenance shall be performed in accordance with the Contractor's specifications for the work.
B. Maintenance shall be performed in accordance with the Contractor's specifications for the work.
C. Maintenance shall be performed in accordance with the Contractor's specifications for the work.

3.6 PLANNING AREA WEEDING

A. Weeding shall be performed in accordance with the Contractor's specifications for the work.
B. Weeding shall be performed in accordance with the Contractor's specifications for the work.
C. Weeding shall be performed in accordance with the Contractor's specifications for the work.

3.7 SURVEILLANCE TURF

A. Surveillance turf shall be installed in accordance with the Contractor's specifications for the work.
B. Surveillance turf shall be installed in accordance with the Contractor's specifications for the work.
C. Surveillance turf shall be installed in accordance with the Contractor's specifications for the work.

3.8 SEEDING

A. Seeding shall be performed in accordance with the Contractor's specifications for the work.
B. Seeding shall be performed in accordance with the Contractor's specifications for the work.
C. Seeding shall be performed in accordance with the Contractor's specifications for the work.

3.9 SODDING

A. Sodding shall be performed in accordance with the Contractor's specifications for the work.
B. Sodding shall be performed in accordance with the Contractor's specifications for the work.
C. Sodding shall be performed in accordance with the Contractor's specifications for the work.

3.10 MAINTENANCE

A. Maintenance shall be performed in accordance with the Contractor's specifications for the work.
B. Maintenance shall be performed in accordance with the Contractor's specifications for the work.
C. Maintenance shall be performed in accordance with the Contractor's specifications for the work.

3.11 PLANNING AREA WEEDING

A. Weeding shall be performed in accordance with the Contractor's specifications for the work.
B. Weeding shall be performed in accordance with the Contractor's specifications for the work.
C. Weeding shall be performed in accordance with the Contractor's specifications for the work.

3.12 SURVEILLANCE TURF

A. Surveillance turf shall be installed in accordance with the Contractor's specifications for the work.
B. Surveillance turf shall be installed in accordance with the Contractor's specifications for the work.
C. Surveillance turf shall be installed in accordance with the Contractor's specifications for the work.

3.13 SEEDING

A. Seeding shall be performed in accordance with the Contractor's specifications for the work.
B. Seeding shall be performed in accordance with the Contractor's specifications for the work.
C. Seeding shall be performed in accordance with the Contractor's specifications for the work.

3.14 SODDING

A. Sodding shall be performed in accordance with the Contractor's specifications for the work.
B. Sodding shall be performed in accordance with the Contractor's specifications for the work.
C. Sodding shall be performed in accordance with the Contractor's specifications for the work.

3.15 MAINTENANCE

A. Maintenance shall be performed in accordance with the Contractor's specifications for the work.
B. Maintenance shall be performed in accordance with the Contractor's specifications for the work.
C. Maintenance shall be performed in accordance with the Contractor's specifications for the work.

3.16 PLANNING AREA WEEDING

A. Weeding shall be performed in accordance with the Contractor's specifications for the work.
B. Weeding shall be performed in accordance with the Contractor's specifications for the work.
C. Weeding shall be performed in accordance with the Contractor's specifications for the work.

3.17 SURVEILLANCE TURF

A. Surveillance turf shall be installed in accordance with the Contractor's specifications for the work.
B. Surveillance turf shall be installed in accordance with the Contractor's specifications for the work.
C. Surveillance turf shall be installed in accordance with the Contractor's specifications for the work.

3.18 SEEDING

A. Seeding shall be performed in accordance with the Contractor's specifications for the work.
B. Seeding shall be performed in accordance with the Contractor's specifications for the work.
C. Seeding shall be performed in accordance with the Contractor's specifications for the work.

3.19 SODDING

A. Sodding shall be performed in accordance with the Contractor's specifications for the work.
B. Sodding shall be performed in accordance with the Contractor's specifications for the work.
C. Sodding shall be performed in accordance with the Contractor's specifications for the work.

3.20 MAINTENANCE

A. Maintenance shall be performed in accordance with the Contractor's specifications for the work.
B. Maintenance shall be performed in accordance with the Contractor's specifications for the work.
C. Maintenance shall be performed in accordance with the Contractor's specifications for the work.

3.21 PLANNING AREA WEEDING

A. Weeding shall be performed in accordance with the Contractor's specifications for the work.
B. Weeding shall be performed in accordance with the Contractor's specifications for the work.
C. Weeding shall be performed in accordance with the Contractor's specifications for the work.

3.22 SURVEILLANCE TURF

A. Surveillance turf shall be installed in accordance with the Contractor's specifications for the work.
B. Surveillance turf shall be installed in accordance with the Contractor's specifications for the work.
C. Surveillance turf shall be installed in accordance with the Contractor's specifications for the work.

3.23 SEEDING

A. Seeding shall be performed in accordance with the Contractor's specifications for the work.
B. Seeding shall be performed in accordance with the Contractor's specifications for the work.
C. Seeding shall be performed in accordance with the Contractor's specifications for the work.

3.24 SODDING

A. Sodding shall be performed in accordance with the Contractor's specifications for the work.
B. Sodding shall be performed in accordance with the Contractor's specifications for the work.
C. Sodding shall be performed in accordance with the Contractor's specifications for the work.

3.25 MAINTENANCE

A. Maintenance shall be performed in accordance with the Contractor's specifications for the work.
B. Maintenance shall be performed in accordance with the Contractor's specifications for the work.
C. Maintenance shall be performed in accordance with the Contractor's specifications for the work.

3.26 PLANNING AREA WEEDING

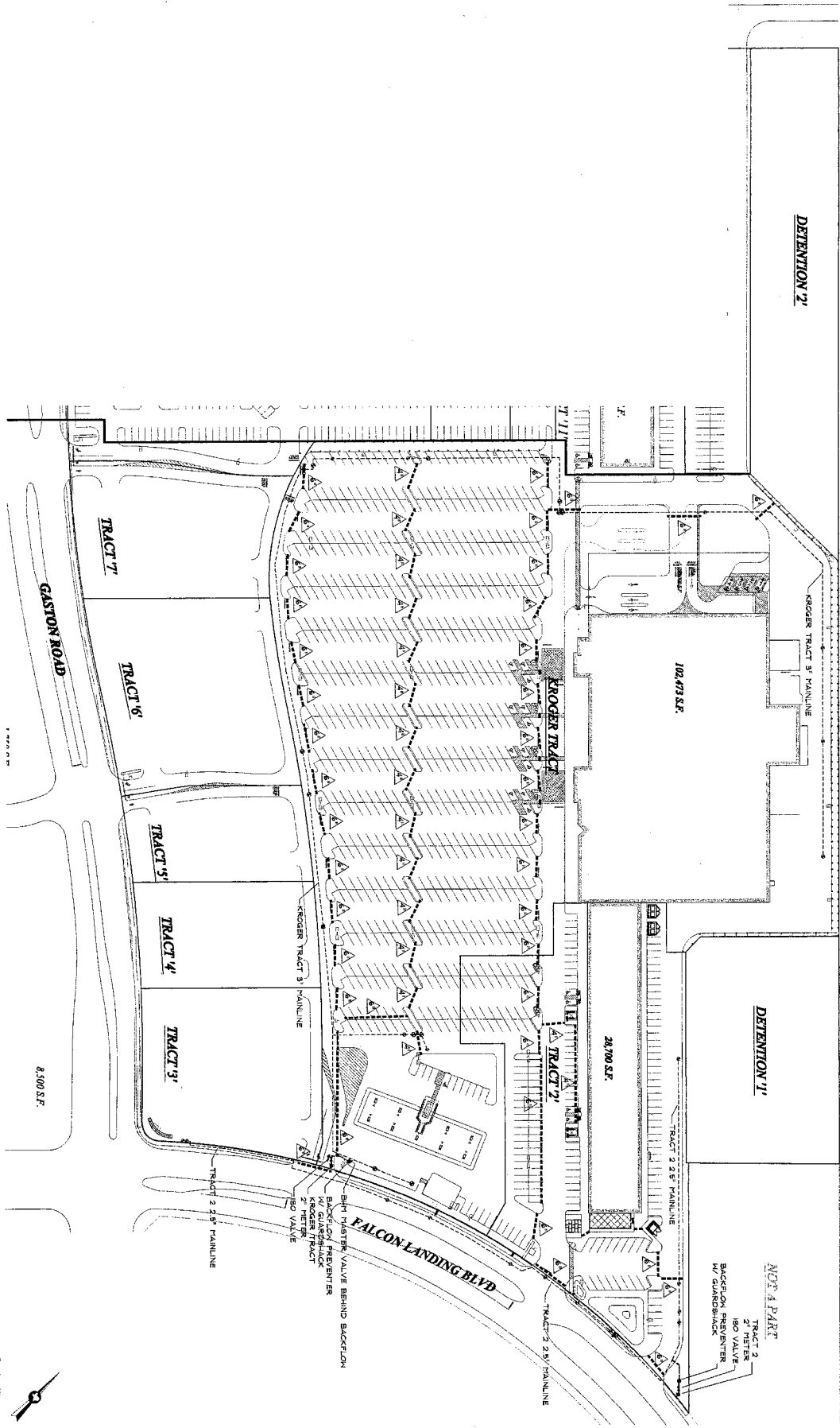
A. Weeding shall be performed in accordance with the Contractor's specifications for the work.
B. Weeding shall be performed in accordance with the Contractor's specifications for the work.
C. Weeding shall be performed in accordance with the Contractor's specifications for the work.



Stableside at Falcon Landing Retail Landscape Improvements

Katy, TX

Job No.:	117-15-018
Scale:	
Date:	OCT 7, 2015
Revised:	NOV 20, 2015
Drawn by:	200 E 2015
Checked by:	
Approved by:	
Project:	Kooper Tract
Location:	Specifications
Sheet:	L-8



KEY:

	SCH 40 PVC PIPE SLEEVE
	SLEEVE SIZE

Scale: 1" = 60' - 0"

Stableside at Falcon Landing Retail

Irrigation Improvements

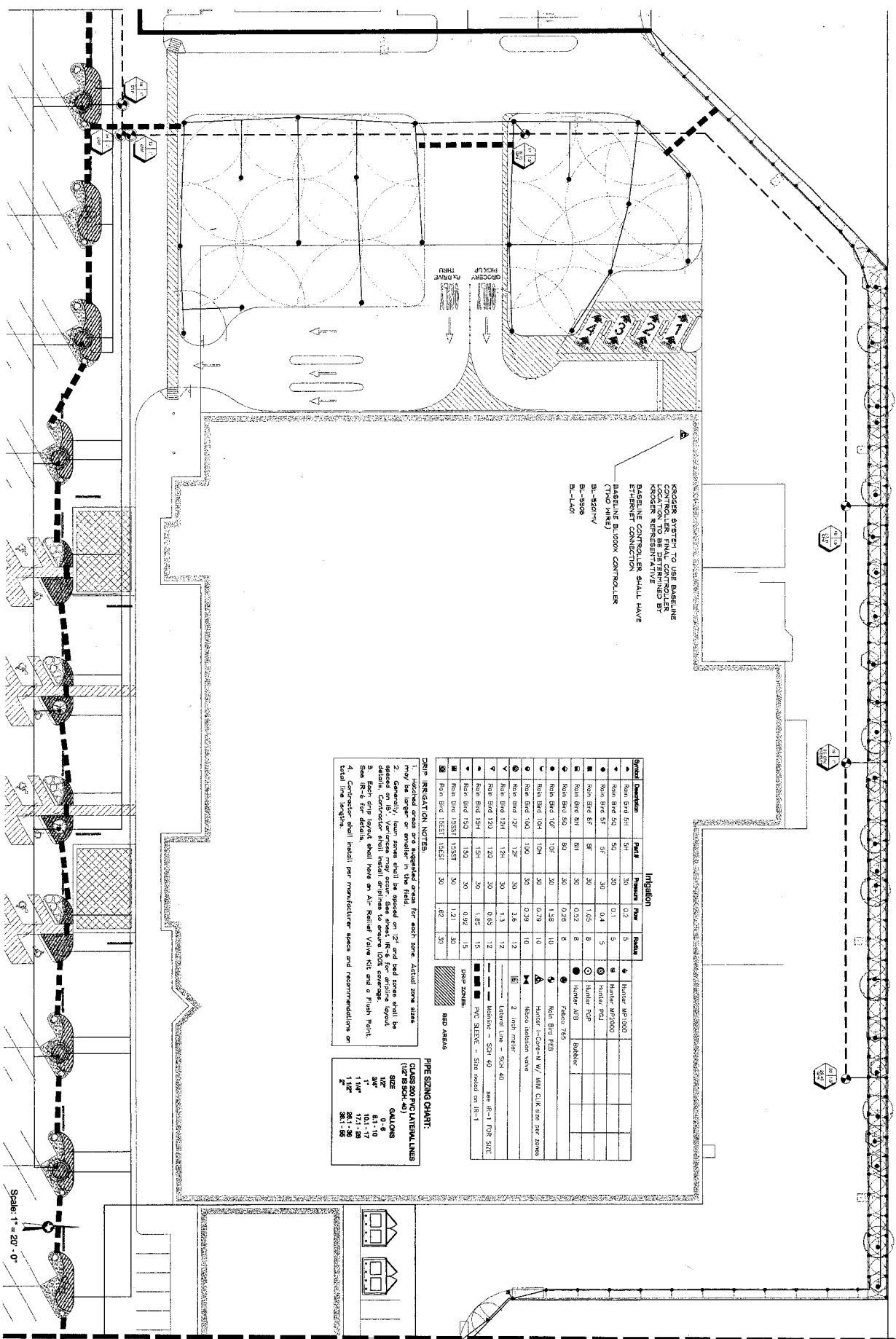
Katy, TX



CMB
 LANDSCAPE
 ARCHITECTURE
 1815 FM 562
 Houston, TX 77066
 832-425-1295
 Commercial, Multi-Family & Residential
 Landscape Architecture

Job No.:	113-14-010
Scale:	1" = 60' - 0"
Date:	OCT 12, 2015
Revised:	08/26/15, 09/14/15, 10/08/15, 10/22/15, 11/02/15, 02/2/2016
Drawn:	108 88336
Checked:	082 2 2016

Overall
Irrigation Plan
IR-1



KROGER SYSTEM TO USE BASILINE CONTROLLER. FINAL CONTROLLER CONTROLLER. FINAL CONTROLLER. KROGER REPRESENTATIVE ETHERNET CONNECTION SHALL HAVE BASILINE BUDOOK CONTROLLER (TWO WIRE)
 BL-850V
 BL-850P
 BL-L40

Zone	Description	Area	Flow	Rate
1	Row Band 51	51	0.2	3
2	Row Band 52	50	0.1	3
3	Row Band 53	50	0.4	3
4	Row Band 54	50	0.8	3
5	Row Band 55	50	1.05	8
6	Row Band 56	50	0.52	8
7	Row Band 57	50	0.26	8
8	Row Band 58	50	1.28	10
9	Row Band 59	50	0.29	10
10	Row Band 60	50	1.3	12
11	Row Band 61	50	0.65	12
12	Row Band 62	50	1.35	15
13	Row Band 63	50	0.92	15
14	Row Band 64	50	1.21	20
15	Row Band 65	50	0.82	20

IRIGATION NOTES:
 1. Irrigated areas are suggested areas for each zone. Actual zone areas may be larger or smaller in the field.
 2. Zone flow rates are based on 1/2" and 1" head rates. All zones will be spaced on 18" spacing. Verify zone flow rates with manufacturer's data.
 3. Each strip layout shall have an Air-Relief Valve Kit and a Flush Port. See Note for details.
 4. Each strip layout shall have an Air-Relief Valve Kit and a Flush Port. See Note for details.
 5. Each strip layout shall have an Air-Relief Valve Kit and a Flush Port. See Note for details.

PIPE SIZING CHART:
 CLASS 200 PVC LATERAL LINES (UP TO 800' L)

SIZE	GALLONS
1/2"	0-8
3/4"	10-17
1"	17-28
1 1/4"	28-45
1 1/2"	45-65

Scale: 1" = 20' - 0"

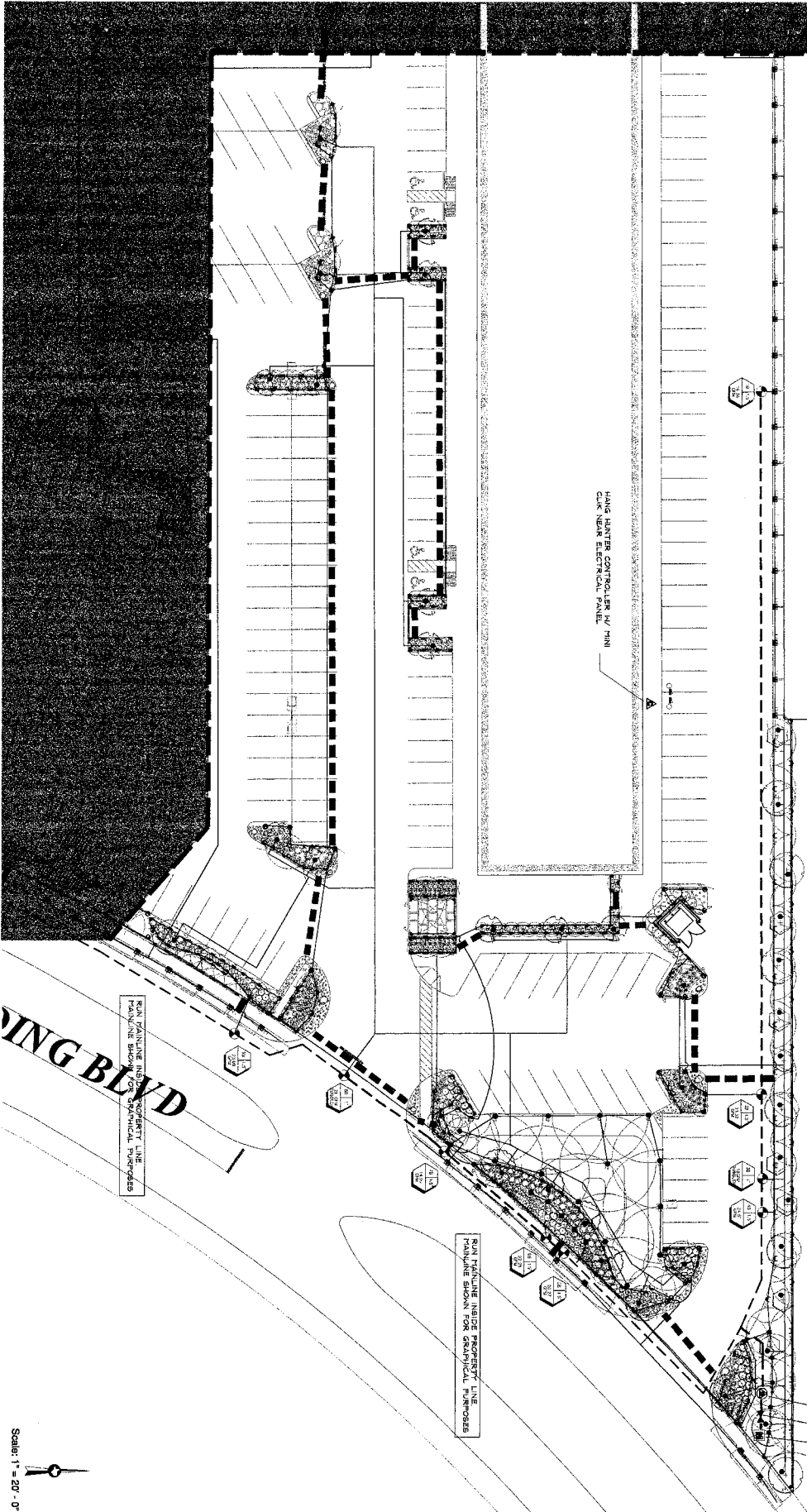
Job No.: 1173-16-018
 Scale: 1" = 20' - 0"
 Date: OCT. 2, 2015
 Revised: ANNEKE CORNELLIS FOR REVISION DEC. 2, 2015

Site Irrigation Plan
 IR-2

Stableside at Falcon Landing Retail
 Landscape Improvements
 Katy, TX



CMBR
 LANDSCAPE ARCHITECTURE
 14155 FM 362
 Suite 117-788
 Katy, TX 77705
 832-429-1292
 Commercial, Multi-Family & Residential Landscape Architecture



DRIP IRRIGATION NOTES:

1. Indicated areas are suggested areas for each zone. Actual zone sizes may be larger or smaller in the field.
2. All drippers are to be spaced on 10' and bed areas shall be spaced on 18'. Variance may occur from point to point. R-26 for driveway layout details. Contractor shall install drippers to ensure 100% coverage.
3. Each drip layout shall have an Air Relief Valve Kit and a Flush Point. See R-26 for details.
4. All drippers shall be per manufacturer specs and recommendations on field line lengths.

DRIP ZONES
 BED AREAS

PIPE SIZING CHART:
 CLASS 200 PVC LATERAL LINES
 (1/2" IS SCH 40)

SIZE	GALLONS
1/2"	0 - 6
3/4"	6.1 - 10
1"	11.1 - 20
1 1/4"	26.1 - 36
1 1/2"	36.1 - 50

USE 100' IN FRONT OF HEAD-IN PARKING AND LAWN AREAS
 USE 180' IN BED AREAS

Symbol	Description	Point	Flow	Flow	Head
▲	Hander 100'000	54	30	0.2	5
▼	Hander 100'000	50	30	0.1	5
●	Hander 100'000	57	30	0.4	5
■	Hander 100'000	87	30	1.00	5
■	Hander 100'000	88	30	0.32	5
●	Hander 100'000	89	30	0.25	5
●	Hander 100'000	106	30	1.52	10
●	Hander 100'000	108	30	0.72	10
●	Hander 100'000	120	30	0.35	10
●	Hander 100'000	124	30	2.8	12
●	Hander 100'000	128	30	1.3	12
●	Hander 100'000	130	30	0.65	12
●	Hander 100'000	134	30	1.85	13
●	Hander 100'000	139	30	0.92	13
●	Hander 100'000	153	30	1.21	13
●	Hander 100'000	153	30	4.5	30

RUN MAIN LINE INSIDE PROPERTY LINE
 RUN MAIN LINE INSIDE PROPERTY LINE
 RUN MAIN LINE INSIDE PROPERTY LINE

Scale: 1" = 20'-0"

Job No.: 1717-03-08
 Date: 11-27-07
 Scale: 1" = 20'-0"
 Revised: OCT 2, 2005
 WOODS, GARDNER & ASSOCIATES
 1100 N. W. 10TH ST.
 SUITE 200
 KATY, TX 77450

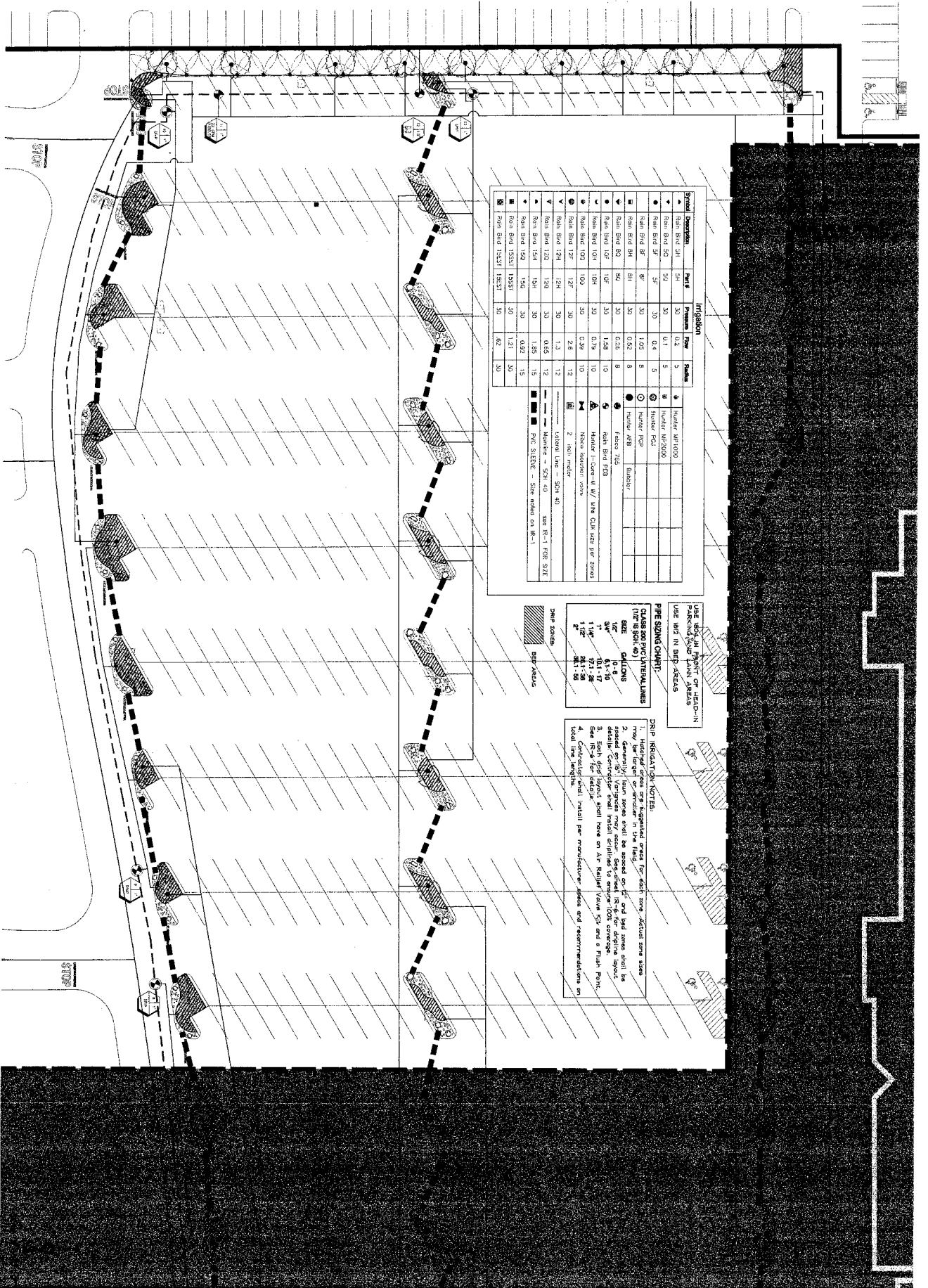
Stableside at Falcon Landing Retail
 Landscape Improvements
 Katy, TX



CMB
 LANDSCAPE ARCHITECTURE
 18155 FM 392
 HOUSTON, TX 77060
 281-429-1200
 281-429-1209
 Commercial, Multi-Family & Residential
 Landscape Architecture

IR-3

Site Irrigation Plan



Symbol	Description	Part #	Pressure	Flow	Radius
▲	Rain Bird 3H	3H	30	0.2	3
●	Rain Bird 50	50	30	0.1	5
●	Rain Bird 3F	3F	30	0.4	5
■	Rain Bird 8H	8H	30	1.05	8
■	Rain Bird 80	80	30	0.52	8
■	Rain Bird 10F	10F	30	1.58	10
■	Rain Bird 100	100	30	0.76	10
■	Rain Bird 120	120	30	0.26	10
■	Rain Bird 12F	12F	30	2.6	12
■	Rain Bird 120	120	30	1.3	12
■	Rain Bird 150	150	30	0.65	12
■	Rain Bird 150	150	30	1.85	15
■	Rain Bird 155S	155S	30	0.82	15
■	Rain Bird 155S	155S	30	1.21	15
■	Rain Bird 185S	185S	30	0.82	15
■	Rain Bird 185S	185S	30	1.21	15

USE 100' IN FRONT OF HEADGATE
PARKING/LOAD UNLOAD AREAS
USE 100' IN BEP AREAS

PIPE SIZING CHART:
CLASS 200 PVC LATERAL LINES
(72" SDR 40)

SIZE	SPACING
3"	6'-10"
4"	10'-11"
6"	17'-11"
8"	21'-11"
10"	28'-11"

DRIP IRRIGATION NOTES:

1. Headgate areas are suggested areas for each zone. Actual zone sizes may be larger or smaller in the field.
2. Generally, lawn areas should be spaced 60" and bed areas should be spaced 120".
3. Both pipe layout shall have an Air Relief Valve SV and a Flush Point, see R-1 for details.
4. Contractor shall install per manufacturer's specs and recommendations on all drip irrigation.

Job No.: 3117-S-418
Scale: 1" = 30' - 0"
Date: OCT 2, 2015
Revised: NICKER COMMENTS
REV. 1, 2015
OCT 2, 2015

Site Irrigation Plan
IR-4

Stableside at Falcon Landing Retail
Landscape Improvements
Katy, TX

18155 FM 502
Houston, TX 77066
832-428-1209

Commercial, Multi-Family & Residential
Landscape Architecture



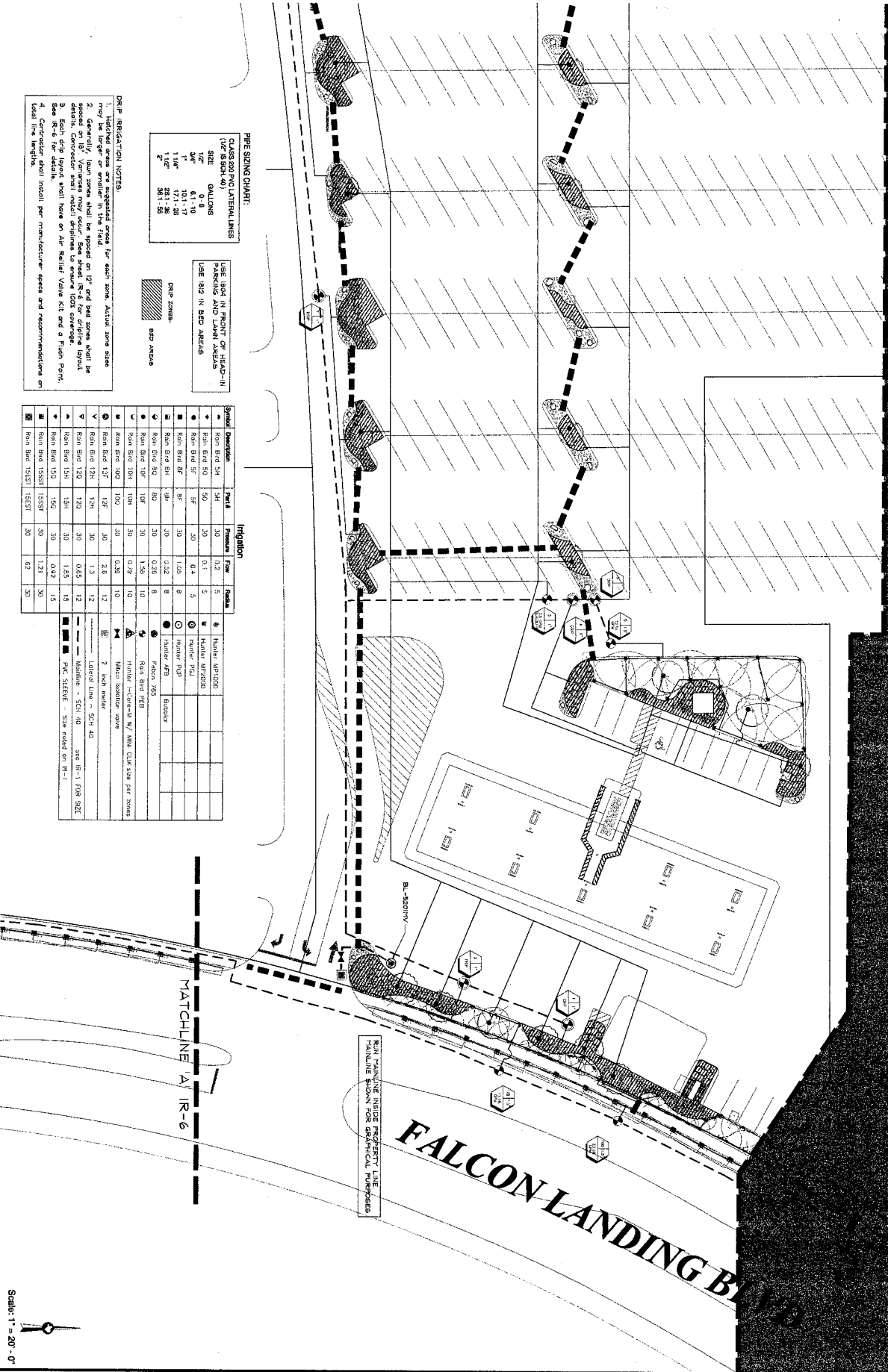
12-2-15

Stableside at Falcon Landing Retail
 Landscape Improvements

Katy, TX

IR-5

Scale: 1" = 20' - 0"



PIPE SIZING CHART:

CLASS 200 PVC LATERAL LINES
 (SEE SPEC 40)

SIZE	GALLONS
3/4"	6.1 - 10
1"	10.1 - 17
1 1/4"	20.1 - 30
2"	36.1 - 55

USE 3/4" IN ROWS FOR HEAD-TO-HEAD AND MAIN LINES
 USE 1/2" IN BED AREAS

PIPE ZONES

BED AREAS

PIPE INSTALLATION NOTES:

1. Matching zones are suggested areas for each zone. Actual zone sizes may be larger or smaller in the field.
2. Generally, main zones shall be spaced on 12" and bed zones shall be spaced on 18". Alternative may occur. See sheet IR-6 for drip line layout.
3. Each drip layout shall have an air emitter. Valve kit and a Flush Port. See IR-6 for details.
4. Contractor shall install per manufacturer specs and recommendations on listed line lengths.

Irrigation

Symbol	Description	Part #	Pressure	Flow	Spans
▲	Riser Manifold 5/8"	541	30	0.2	5
▼	Riser Manifold 3/4"	540	30	0.1	5
●	Riser Manifold 1/2"	54	30	0.4	5
■	Riser Manifold 3/8"	55	30	1.05	8
▲	Riser Manifold 5/8"	541	30	0.32	8
▼	Riser Manifold 3/4"	540	30	0.36	8
●	Riser Manifold 1/2"	54	30	1.36	10
■	Riser Manifold 3/8"	55	30	0.79	10
▲	Riser Manifold 5/8"	541	30	0.29	10
▼	Riser Manifold 3/4"	540	30	0.33	10
●	Riser Manifold 1/2"	54	30	2.6	12
■	Riser Manifold 3/8"	55	30	1.3	12
▲	Riser Manifold 5/8"	541	30	0.65	12
▼	Riser Manifold 3/4"	540	30	1.85	14
●	Riser Manifold 1/2"	54	30	0.92	14
■	Riser Manifold 3/8"	55	30	1.21	30
▲	Riser Manifold 5/8"	541	30	0.2	30

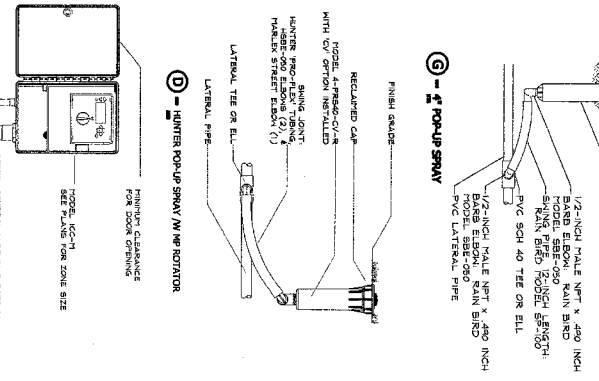
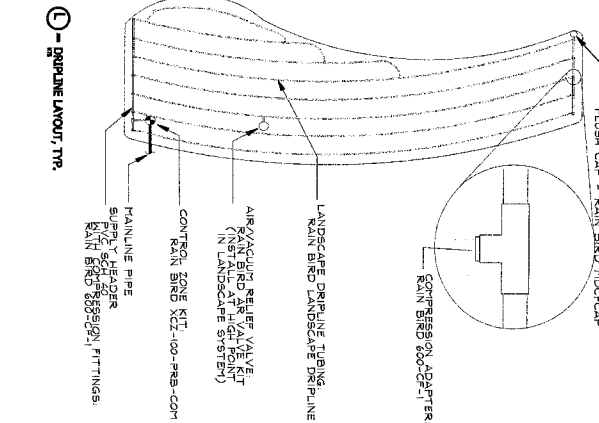
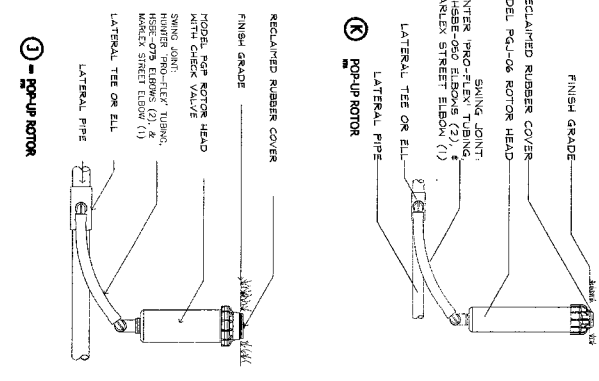
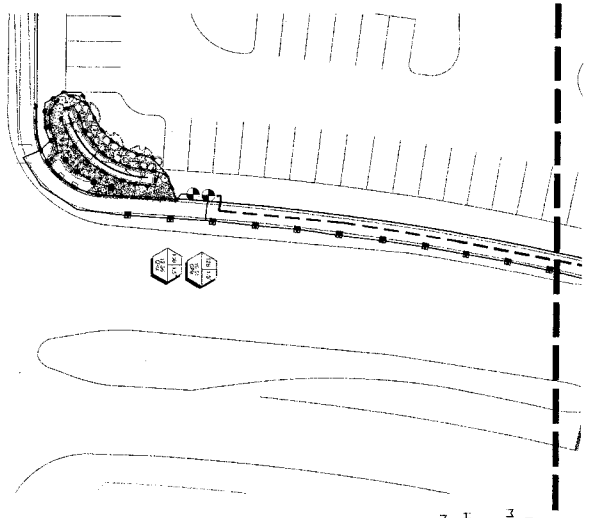
6 Header 1/2" (1000)
 7 Header 3/4" (1000)
 8 Header 1" (1000)
 9 Header 1 1/2" (1000)
 10 Header 2" (1000)
 11 Header 3" (1000)
 12 Header 4" (1000)
 13 Header 6" (1000)
 14 Header 8" (1000)
 15 Header 10" (1000)
 16 Header 12" (1000)
 17 Header 14" (1000)
 18 Header 16" (1000)
 19 Header 18" (1000)
 20 Header 20" (1000)
 21 Header 22" (1000)
 22 Header 24" (1000)
 23 Header 26" (1000)
 24 Header 28" (1000)
 25 Header 30" (1000)
 26 Header 32" (1000)
 27 Header 34" (1000)
 28 Header 36" (1000)
 29 Header 38" (1000)
 30 Header 40" (1000)

1 Riser Manifold - 5/8" (1000)
 2 Riser Manifold - 3/4" (1000)
 3 Riser Manifold - 1/2" (1000)
 4 Riser Manifold - 3/8" (1000)
 5 Riser Manifold - 5/8" (1000)
 6 Riser Manifold - 3/4" (1000)
 7 Riser Manifold - 1/2" (1000)
 8 Riser Manifold - 3/8" (1000)
 9 Riser Manifold - 5/8" (1000)
 10 Riser Manifold - 3/4" (1000)
 11 Riser Manifold - 1/2" (1000)
 12 Riser Manifold - 3/8" (1000)
 13 Riser Manifold - 5/8" (1000)
 14 Riser Manifold - 3/4" (1000)
 15 Riser Manifold - 1/2" (1000)
 16 Riser Manifold - 3/8" (1000)
 17 Riser Manifold - 5/8" (1000)
 18 Riser Manifold - 3/4" (1000)
 19 Riser Manifold - 1/2" (1000)
 20 Riser Manifold - 3/8" (1000)
 21 Riser Manifold - 5/8" (1000)
 22 Riser Manifold - 3/4" (1000)
 23 Riser Manifold - 1/2" (1000)
 24 Riser Manifold - 3/8" (1000)
 25 Riser Manifold - 5/8" (1000)
 26 Riser Manifold - 3/4" (1000)
 27 Riser Manifold - 1/2" (1000)
 28 Riser Manifold - 3/8" (1000)
 29 Riser Manifold - 5/8" (1000)
 30 Riser Manifold - 3/4" (1000)



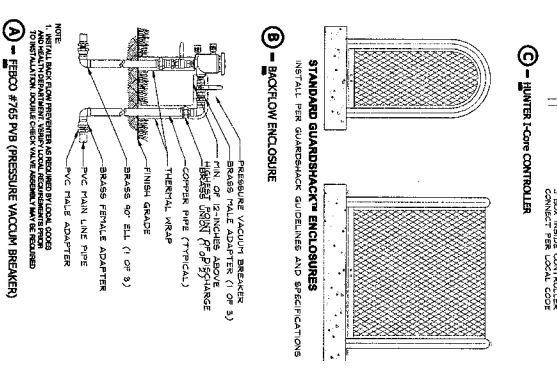
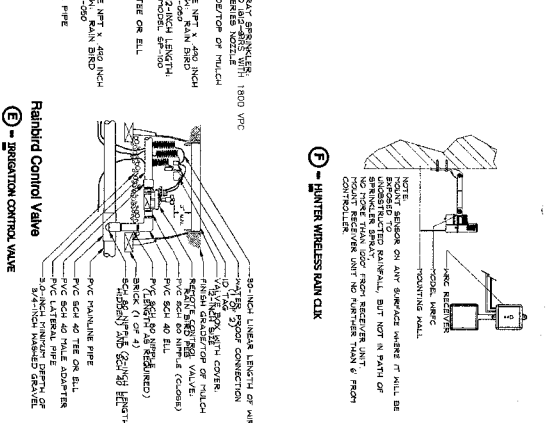
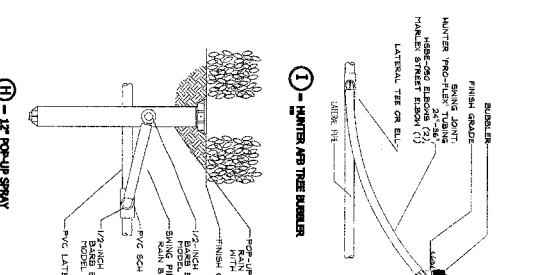
Stableside at Falcon Landing Retail
Landscape Improvements

Katy, TX



IRIGATION NOTES:

1. Irrigation system shall be installed by a Licensed Irrigator. Irrigator shall provide an as-built layout, manifold and valves with hydraulic calculations after construction. This plan is to be used as a reference and for bidding purposes only.
2. Except as otherwise noted, the contractor shall procure permits and licenses, pay charges and fees and give notice for installation of irrigation water meters at the appropriate locations. Verify with the appropriate authority for the correct meter and hot tapping.
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 current utility locations. Existing lines shall be excavated and working near existing utilities. Contractor shall verify the location and condition of utilities and any other existing lines before construction.
5. The contractor shall protect the work from damage and theft, and replace all damaged or stolen parts with the same or better quality materials.
6. The contractor shall not utilize hand tools on the irrigation system as shown on the drawings when it is advised in the list that obstructions, grade differences or differences in the ground dimensions exist that might not have been in the design. Such obstructions, grade differences or differences shall be corrected at the contractor's expense. It is the contractor's responsibility to verify the contractor shall clearly mark, exposed manholes and inlets and equipment. Cover or concrete trenches when contractor is not on site.
7. For purposes of clarity, some irrigation lines and valves may be shown outside of property, easements, or in paved areas. Locate all lines and valves in existing areas unless otherwise noted.
8. Adjust one of irrigation heads for even coverage. Head layout should be as per plans.
9. Avoid walking or future location of tree balls when laying pipe.
10. The contractor shall stake out the location of the irrigation system and provide the location of the system to the owner.
11. The contractor shall stake out the location of the irrigation system and provide the location of the system to the owner.
12. Patch and repair any and all damage done to existing plant material and grading during installation of this work.
13. Contractor shall provide original and 3 copies of Pressure Vacuum Breaker certification to the owner at completion of project.
14. Irrigation system shall be set to close before rain to prevent water from entering the system. The contractor shall be responsible for the installation of the system. The contractor shall be responsible for the installation of the system.
15. Complete sprinkler system verification shall be performed as required to include sprinklers in correct operating condition including all required parts. Check shall include visual inspection of all accessible components of the irrigation system including but not limited to: controller, remote control valves, quick couplers, and heads.
16. Adjust the sprinklers to avoid damage to windows, building and sign walls also adjust heads to keep water off the street. Make repairs and adjustments to the sprinkler system and water flow. All sprinkler repairs such as clogging of heads or breaks caused by the contractor shall be the contractor's responsibility.
17. The contractor shall be responsible for the installation of the system. The contractor shall be responsible for the installation of the system.
18. The contractor shall be responsible for the installation of the system. The contractor shall be responsible for the installation of the system.



Job No.: 17-15-09
Date: OCT 1, 2015
Revised: 08/20/2015
Scale: 1/8" = 1'-0"

1. INITIAL CHECK FOR PROPER INSTALLATION OF ALL COMPONENTS SHALL BE REQUIRED BY FINAL CHECK.
2. INITIAL CHECK FOR PROPER INSTALLATION OF ALL COMPONENTS SHALL BE REQUIRED BY FINAL CHECK.
3. INITIAL CHECK FOR PROPER INSTALLATION OF ALL COMPONENTS SHALL BE REQUIRED BY FINAL CHECK.

IR-6
Irrigation Details

**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 Christine Rodriguez



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: 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.



Marie C. Tetreault
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 30th day of February, 2016

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

Kevin E. Hughes
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.