

REVIEW BY FORT BEND COUNTY COMMISSIONERS COURT

On this 12th day of July, 2016, Commissioners Court came on to be heard and reviewed the accompanying notice of Beyer Construction, LLC
Job Location Briarwood Crossing, Sec 5, Fort Bend, TX 77471
Date 6/28/2016 Bond No. TX 829329, Permit No. 2016-8050 to make use of certain Fort Bend County property subject to, "A Revised Order Regulating the Laying, Construction, Maintenance, and Repair of Buried Cables, Conduits, and Pole Lines, In, Under, Across or Along Roads, Streets, Highways, and Drainage Ditches in Fort Bend County, Texas, Under the Jurisdiction of the Commissioners Court of Fort Bend County, Texas," as passed by the Commissioners Court of Fort Bend County, Texas the 3rd day of August, 1987, recorded in Volume _____ of the Minutes of the Commissioners Court of Fort Bend County, Texas, to the extent that such order is not inconsistent with Article 1436a, Vernon's Texas Civil Statutes. Upon Motion of Commissioner _____, seconded by Commissioner _____, duly put and carried, it is ORDERED, ADJUDGED AND DECREED that said notice of said above purpose is hereby acknowledged by the Commissioners Court of Fort Bend County, Texas, and that said notice be placed on record according to the regulation order thereof.

Notes:

1. Evidence of review by the Commissioners Court must be kept on the job site and failure to do so constitutes grounds for job shutdown.
2. Written notices are required:
 - a. 48 hours in advance of construction start up, and
 - b. when construction is completed and ready for final inspectionMail notices to: Permit Administrator
Fort Bend County Engineering
301 Jackson Street
Richmond, Texas 77469
281-633-7500
3. This permit expires one (1) year from date of permit if construction has not commenced.

By: Charles O. Ad
for County Engineer

Presented to Commissioners Court and approved.
Recorded in Volume _____

Minutes of Commissioners Court

By: N/A
Drainage District Engineer/Manager

Clerk of Commissioners Court

By: _____
Deputy

MERCHANTS
BONDING COMPANY™
POWER OF ATTORNEY

Bond #: TX 829329

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

Misty Witt

their true and lawful Attorney(s)-in-Fact, to make, execute, seal and deliver on behalf of the Companies, as Surety, bonds, undertakings and other written obligations in the nature thereof, subject to the limitation that any such instrument shall not exceed the amount of:

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

This Power-of-Attorney is granted and is signed and sealed by facsimile under and by authority of the following By-Laws adopted by the Board of Directors of Merchants Bonding Company (Mutual) on April 23, 2011 and adopted by the Board of Directors of Merchants National Bonding, Inc., on October 24, 2011.

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

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

In connection with obligations in favor of the Florida Department of Transportation only, it is agreed that the power and authority hereby given to the Attorney-in-Fact includes any and all consents for the release of retained percentages and/or final estimates on engineering and construction contracts required by the State of Florida Department of Transportation. It is fully understood that consenting to the State of Florida Department of Transportation making payment of the final estimate to the Contractor and/or its assignee, shall not relieve this surety company of any of its obligations under its bond.

In connection with obligations in favor of the Kentucky Department of Highways only, it is agreed that the power and authority hereby given to the Attorney-in-Fact cannot be modified or revoked unless prior written personal notice of such intent has been given to the Commissioner-Department of Highways of the Commonwealth of Kentucky at least thirty (30) days prior to the modification or revocation.

In Witness Whereof, the Companies have caused this instrument to be signed and sealed this 26th day of February, 2016.



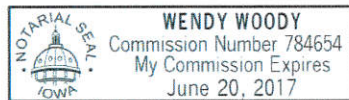
MERCHANTS BONDING COMPANY (MUTUAL)
MERCHANTS NATIONAL BONDING, INC.

By *Larry Taylor*

President

STATE OF IOWA
COUNTY OF DALLAS ss.

On this 26th day of February, 2016, before me appeared Larry Taylor, to me personally known, who being by me sworn did say that he is President of the MERCHANTS BONDING COMPANY (MUTUAL) and MERCHANTS NATIONAL BONDING, INC.; and that the seals affixed to the foregoing instrument are the Corporate seals of the Companies; and that the said instrument was signed and sealed in behalf of the Companies by authority of their respective Boards of Directors.



Wendy Woody
Notary Public, Polk County, Iowa

(Expiration of notary's commission does not invalidate this instrument)

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

In Witness Whereof, I have hereunto set my hand and affixed the seal of the Companies on this 9th day of June, 2016.



William Warner Jr.
Secretary

FORT BEND COUNTY M.U.D. No. 5

FORT BEND COUNTY, TEXAS

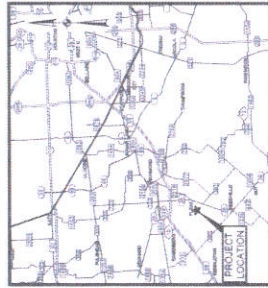
PLANS FOR CONSTRUCTION

OF
 PAVING, STORM SEWER, SANITARY SEWER, WATER LINES,
 AND CHANNEL IMPROVEMENTS

TO SERVE BRIARWOOD CROSSING SECTION FIVE

INDEX

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VICINITY MAP
 KEY MAP 644-L
 ZIP CODE 77471

PLAT NAME: BRIARWOOD CROSSING
 SECTION FIVE

ONE-CALL NOTIFICATION SYSTEM
 CALL BEFORE YOU DIG!!
 1-800-4-A-DIG
 (1-800-426-4347 for Houston)
 (1-800-426-4347 for Houston)
 (1-800-426-4347 for Houston)

r.g.miller
engineers
 16240 Park Ten Place
 Suite 350
 Houston, TX 77064
 (713) 461-9605
 TX06 FIRM REGISTRATION NO. F-487



FORT BEND COUNTY ENGINEER
 ENGINEER: *David Lehnert*, P.E.
 DATE: 2/23/16
 THESE SIGNATURES ARE VOID IF CONSTRUCTION
 HAS NOT COMMENCED IN ONE (1) YEAR FROM
 DATE OF APPROVAL
 APPROVED: *David Lehnert*, P.E.
 DATE: 2/23/16

VILLAGE OF FLEAK
 APPROVED BY: *David Lehnert*
 DATE: 2/23/16
 *Final Plat was approved Sept. 1, 2015
 APPROVAL OF THIS PLAN EXPIRES ONE YEAR FROM
 DATE OF APPROVAL. IF CONSTRUCTION HAS NOT
 COMMENCED

NOTICE: THIS PROJECT IS THE PROPERTY OF THE TEXAS TURNPIKE EXPRESS AUTHORITY. IT IS TO BE USED ONLY FOR THE PROJECT AND SITE SPECIFICALLY IDENTIFIED IN THE CONTRACT DOCUMENTS. ANY OTHER USE IS STRICTLY PROHIBITED.

PROJECT: STATE ROUTE 160, FROM I-37 TO I-10, PROJECT PHASE 1, STATION 1+00 TO 1+40.00. PROJECT NO. 160-1-1-16. CONTRACT NO. 160-1-1-16-001. DATE: 3/22/16.

DESIGNED BY: R. MILLER ENGINEERS, INC. 16340 PARK TOWN PLACE, HOUSTON, TEXAS 77064. PHONE: 281-416-7000. FAX: 281-416-7001. WWW: R.MILLERENGINEERS.COM.

APPROVED: [Signature] DATE: 3/22/16

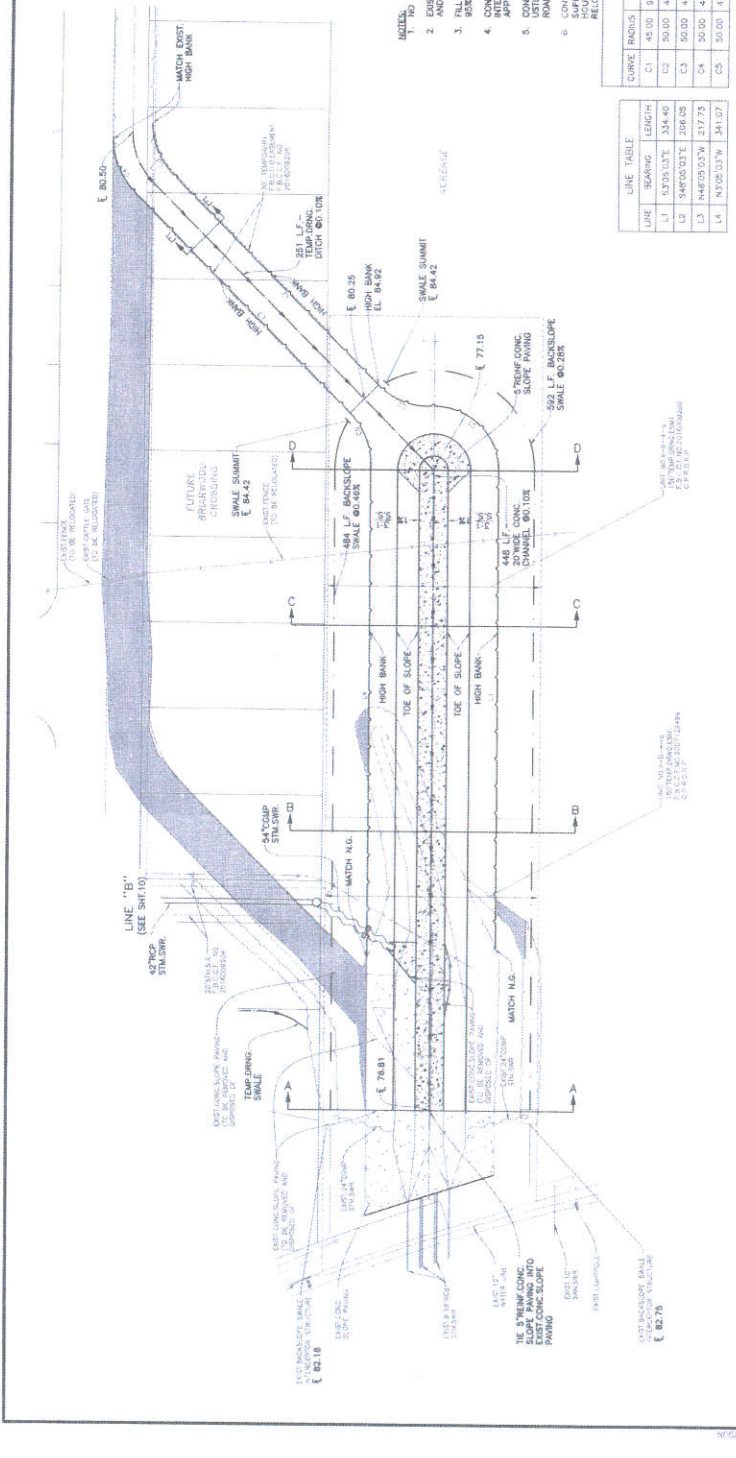
REVISIONS: [Table with columns for NO., DATE, DESCRIPTION]

PROJECT BENCHMARK: B.M. 160-1-1-16-001, ELEVATION 84.16. B.M. 160-1-1-16-002, ELEVATION 84.16. B.M. 160-1-1-16-003, ELEVATION 84.16.

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APPROVED: [Signature] DATE: 3/22/16



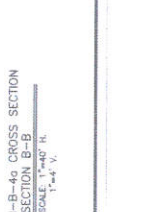
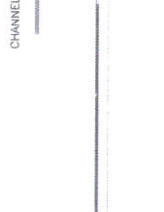
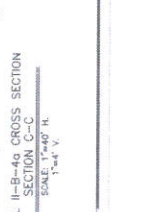
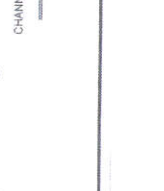
LINE TABLE

LINE	BEARING	LENGTH
L1	S 73°55'03\"/>	

CURVE TABLE

CURVE	RADIUS	DELTA	ARC LENGTH	CHORD BEARING	CHORD LENGTH
C1	45.00	92°28'53\"/>			

NOTED: 1. ALL FILL SHALL BE PLACED IN 8-INCH LIFTS AND COMPACTED TO 95% STANDARD PROCTOR DENSITY. 2. EXIST DRAINAGE SWALES SHALL BE CLEARED, DEMONISHED AND FILLED AS SHOWN. 3. FILL SHALL BE PLACED IN 8-INCH LIFTS AND COMPACTED TO 95% STANDARD PROCTOR DENSITY. 4. CONTRACTOR TO RESTORE HIGHWAY SHOULDER SWALE, ADJACENT TO THE PROJECT, TO ORIGINAL FINISH ELEVATION AND SLOPE. 5. CONTRACTOR SHALL CONFORM TO ALL CITY, COUNTY, STATE, AND FEDERAL REQUIREMENTS FOR THE CONSTRUCTION OF THE ROAD & BRIDGE DEPARTMENT (281-342-4313). 6. CONTRACTOR TO CONTACT TONY BENA COUNTY ENGINEER (832) 377-2063 48 HOURS PRIOR TO CONSTRUCTION TO COORDINATE THE RELOCATION OF THE UTILITY.



CONTRACTOR TO CONTACT TONY BENA COUNTY ENGINEER (832) 377-2063 48 HOURS PRIOR TO CONSTRUCTION TO COORDINATE THE RELOCATION OF THE UTILITY.

CONTRACTOR SHALL CONFORM TO ALL CITY, COUNTY, STATE, AND FEDERAL REQUIREMENTS FOR THE CONSTRUCTION OF THE ROAD & BRIDGE DEPARTMENT (281-342-4313).

CONTRACTOR TO RESTORE HIGHWAY SHOULDER SWALE, ADJACENT TO THE PROJECT, TO ORIGINAL FINISH ELEVATION AND SLOPE.

EXIST DRAINAGE SWALES SHALL BE CLEARED, DEMONISHED AND FILLED AS SHOWN.

ALL FILL SHALL BE PLACED IN 8-INCH LIFTS AND COMPACTED TO 95% STANDARD PROCTOR DENSITY.

CONTRACTOR SHALL CONFORM TO ALL CITY, COUNTY, STATE, AND FEDERAL REQUIREMENTS FOR THE CONSTRUCTION OF THE ROAD & BRIDGE DEPARTMENT (281-342-4313).

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NOTICE: CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND LOCATIONS OF EXISTING UTILITIES AND STRUCTURES PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL ADJACENT PROPERTIES AND UTILITIES AT ALL TIMES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING ALL EXISTING UTILITIES AND STRUCTURES. THE CONTRACTOR SHALL MAINTAIN ALL NECESSARY RECORDS AND AS-BUILT DRAWINGS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL ADJACENT PROPERTIES AND UTILITIES AT ALL TIMES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING ALL EXISTING UTILITIES AND STRUCTURES. THE CONTRACTOR SHALL MAINTAIN ALL NECESSARY RECORDS AND AS-BUILT DRAWINGS.

PROJECT BENCHMARK: (M) HAS NORTH; (S) OF THE TOP OF THE EAST CONCRETE HEADWALL CENTRALLINE OF HIGHWAY 540 APPROXIMATELY 3.7 MILES NORTH OF ITS INTERSECTION WITH ELEVATION= 85.71 NOV 29, 1987

2.1 T.B.M. "A" ELEV. = 84.90
A BENCH MARK IS LOCATED AT THE CORNER OF THE INTERSECTION OF THE EAST CONCRETE HEADWALL AND THE NORTH SIDE OF STATE ROAD #77-4400' SOUTHWEST OF STATE ROAD #77-2400' SOUTHWEST OF STATE HIGHWAY #54.

2.2 T.B.M. "B" ELEV. = 84.49
A BENCH MARK IS LOCATED AT THE CORNER OF THE INTERSECTION OF THE EAST CONCRETE HEADWALL AND THE NORTH SIDE OF STATE ROAD #77-4400' SOUTHWEST OF STATE HIGHWAY #54.

2.3 T.B.M. "C" ELEV. = 84.49
A BENCH MARK IS LOCATED AT THE CORNER OF THE INTERSECTION OF THE EAST CONCRETE HEADWALL AND THE NORTH SIDE OF STATE ROAD #77-4400' SOUTHWEST OF STATE HIGHWAY #54.

F.B.C.M.U.D. NO. 5

BRIARWOOD CROSSIT SECTION FIVE

PROPOSED PAVING, STORM SEWER, SANITARY SEWER AND WATER LINE BRIARWOOD CROSSING DRIVE MEDIAN ADJUSTMENT

FLOOD PLAN

THIS PROJECT IS LOCATED IN UNSHOULDERED AREA OF THE EAST CONCRETE HEADWALL OF STATE ROAD #77-4400' SOUTHWEST OF STATE ROAD #77-2400' SOUTHWEST OF STATE HIGHWAY #54. BASE FLOOD ELEVATION = 84.49

BENCHMARK:

1. PROJECT BENCHMARK: (M) HAS NORTH; (S) OF THE TOP OF THE EAST CONCRETE HEADWALL CENTRALLINE OF HIGHWAY 540 APPROXIMATELY 3.7 MILES NORTH OF ITS INTERSECTION WITH ELEVATION= 85.71 NOV 29, 1987

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F.B.C.M.U.D. NO. 5

BRIARWOOD CROSSIT SECTION FIVE

PROPOSED PAVING, STORM SEWER, SANITARY SEWER AND WATER LINE BRIARWOOD CROSSING DRIVE MEDIAN ADJUSTMENT

r.g.miller engineers

10349 Park Ten Place
Houston, Texas 77064
(713) 461-9600
TOLL FREE 1-800-451-1111

APPROVED: *[Signature]*
DEVELOPMENT COORDINATOR

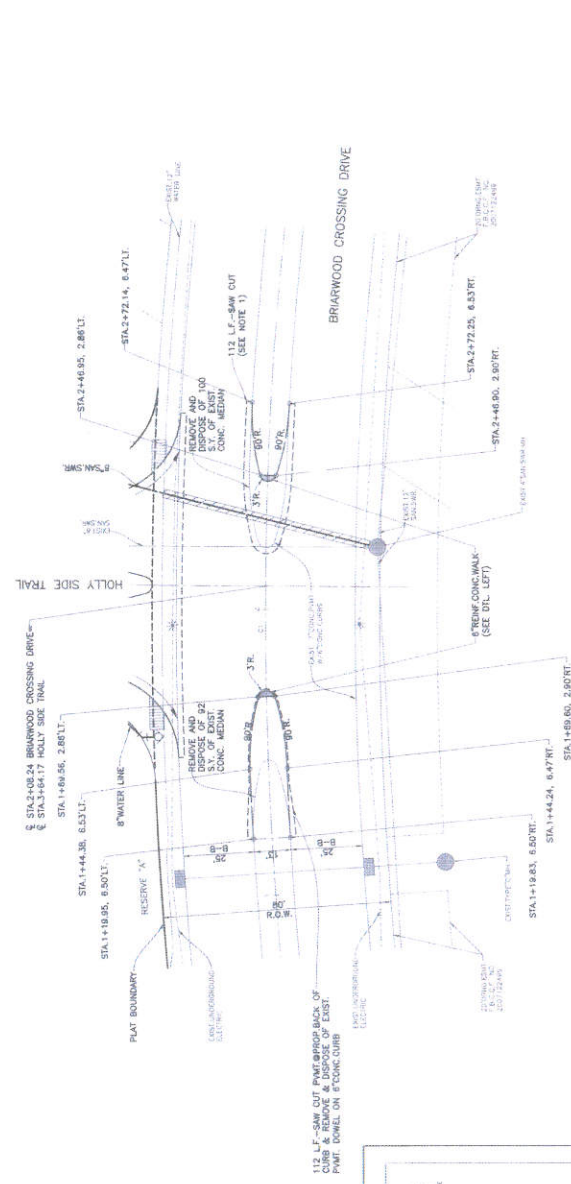
DATE: 3/23/11

JUSTIN E. WOODRUFF
REGISTERED PROFESSIONAL ENGINEER
NO. 10000
EXPIRES 12/31/12

APPROVED: *[Signature]*
DEVELOPMENT COORDINATOR

DATE: 3/23/11

SUBMITTED: 3/23/11
DESIGNED BY: JLC
CHECKED BY: JLC
DATE: 3/23/11
PROJECT NO.: 1100000000
SHEET NO.: 8 OF 10



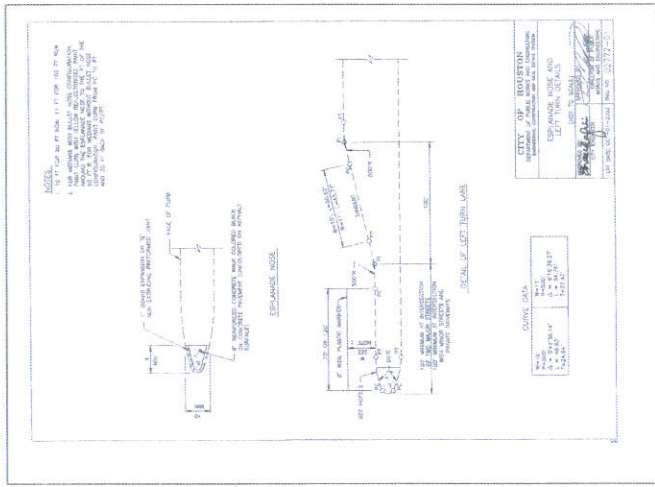
NOTES:

1. SAWCUT AND REMOVE EXISTING CONCRETE AND EXPOSE 18\"/>

CURVE DATA

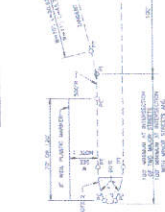
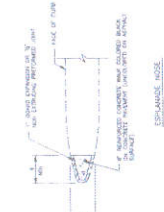
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Δ=44°28'18\"/>

1.1.1. SAWCUT AND REMOVE EXISTING CONCRETE AND EXPOSE 18\"/>



NOTES:

1. SAWCUT AND REMOVE EXISTING CONCRETE AND EXPOSE 18\"/>



CITY OF HOUSTON
DEVELOPMENT COORDINATOR

DATE: 3/23/11

APPROVED: *[Signature]*
DEVELOPMENT COORDINATOR

DATE: 3/23/11

TRAFFIC CONTROL PLAN SECTION SHALL BE COMPLETED BY ENGINEER

ROADWAY	POSTED SPEED	TAPER LENGTH	SPACING CHANNELIZING DEVICES	SPACING TRAFFIC MARKERS	SPACING TRAFFIC SIGNS	SPACING BUFFER SPACE
BRIARWOOD CROSSING DR.	35	245'	35'	70'	180'	120'

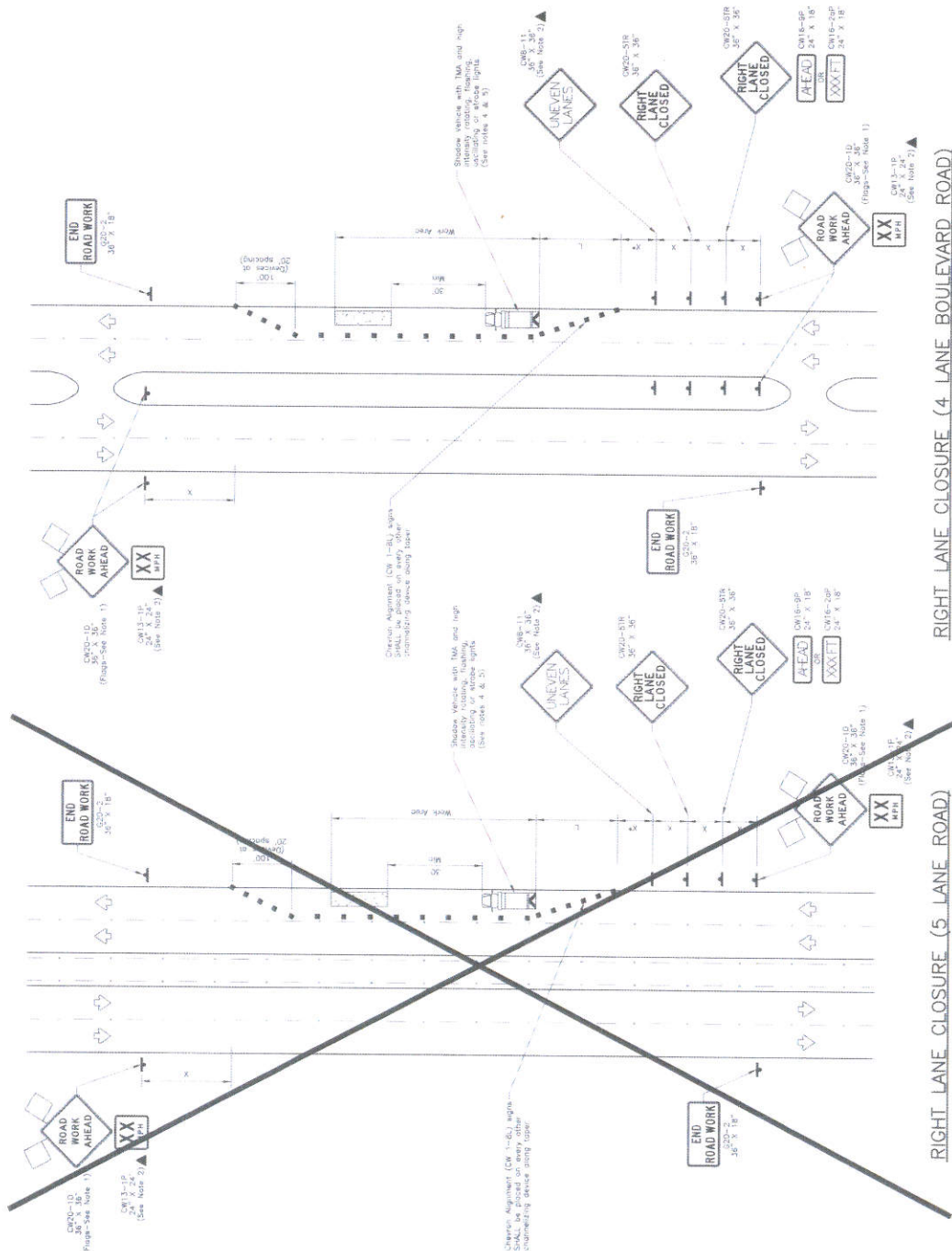
LEGEND

- Channelizing Devices
- Truck Mounted Attenuator (TMA)
- Portable Changeable Message Sign (PCMS)
- Traffic Flag
- Flagger
- Sign
- Flashing Arrow Board
- Traffic Sign
- Heavy Work Vehicle
- Truck
- Tractor
- Tractor Pulling Arrow Board
- Sign

Posted Speed (mph)	Minimum Taper Length (ft)	Minimum Spacing of Channelizing Devices (ft)	Minimum Spacing of Traffic Markers (ft)	Minimum Spacing of Traffic Signs (ft)	Minimum Buffer Space (ft)	Suggested Maximum Spacing of Channelizing Devices (ft)	Suggested Maximum Spacing of Traffic Markers (ft)	Suggested Maximum Spacing of Traffic Signs (ft)
30	150	180	30	60	120	90	120	90
35	200	230	35	70	160	120	150	120
40	250	290	40	80	240	155	185	155
45	300	350	45	90	320	195	240	195
50	350	410	50	100	400	240	290	240
55	400	470	55	110	500	290	350	290
60	450	530	60	120	600	350	420	350
65	500	590	65	130	700	420	500	420
70	550	650	70	140	800	500	600	500
75	600	710	75	150	900	600	720	600

GENERAL NOTES

- Flags attached to signs shall be used where they are required.
- All traffic control devices illustrated are REQUIRED, except those denoted with an asterisk (*).
- Tractor pullers, vehicles, or other equipment should be posted near the right-of-way and not posted on the posted shoulder.
- Tractor pullers, vehicles, or other equipment should be posted near the posted shoulder and not posted on the posted shoulder.
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RIGHT LANE CLOSURE (4 LANE BOULEVARD ROAD)

RIGHT LANE CLOSURE (5 LANE ROAD)

PROJECT TITLE: BRIARWOOD CROSSING SECTION FIVE
 DRAWN BY: BSH
 CHECKED BY: NTS
 DATE: 6/25/14
 SHEET NO: 20/20



r.g.miller
 engineers
 18340 Park Fein Place
 Houston, TX 77064
 (281) 491-5800



HARRIS COUNTY
 PUBLIC INFRASTRUCTURE DEPARTMENT
 ARCHITECTURE & ENGINEERING DIVISION

NO.	REV/SIONS	DATE	NAME

TRAFFIC CONTROL PLAN SECTION SHALL BE COMPLETED BY ENGINEER

ROADWAY	POSTED SPEED	TAPER LENGTH	CHANGELINE TAPER TANGENT	CHANGELINE TAPER TANGENT	SOON SPACING	SOON SPACING	SOON SPACING
BRIARWOOD CROSSING DR.	35	245'	35'	70'	160'	120'	

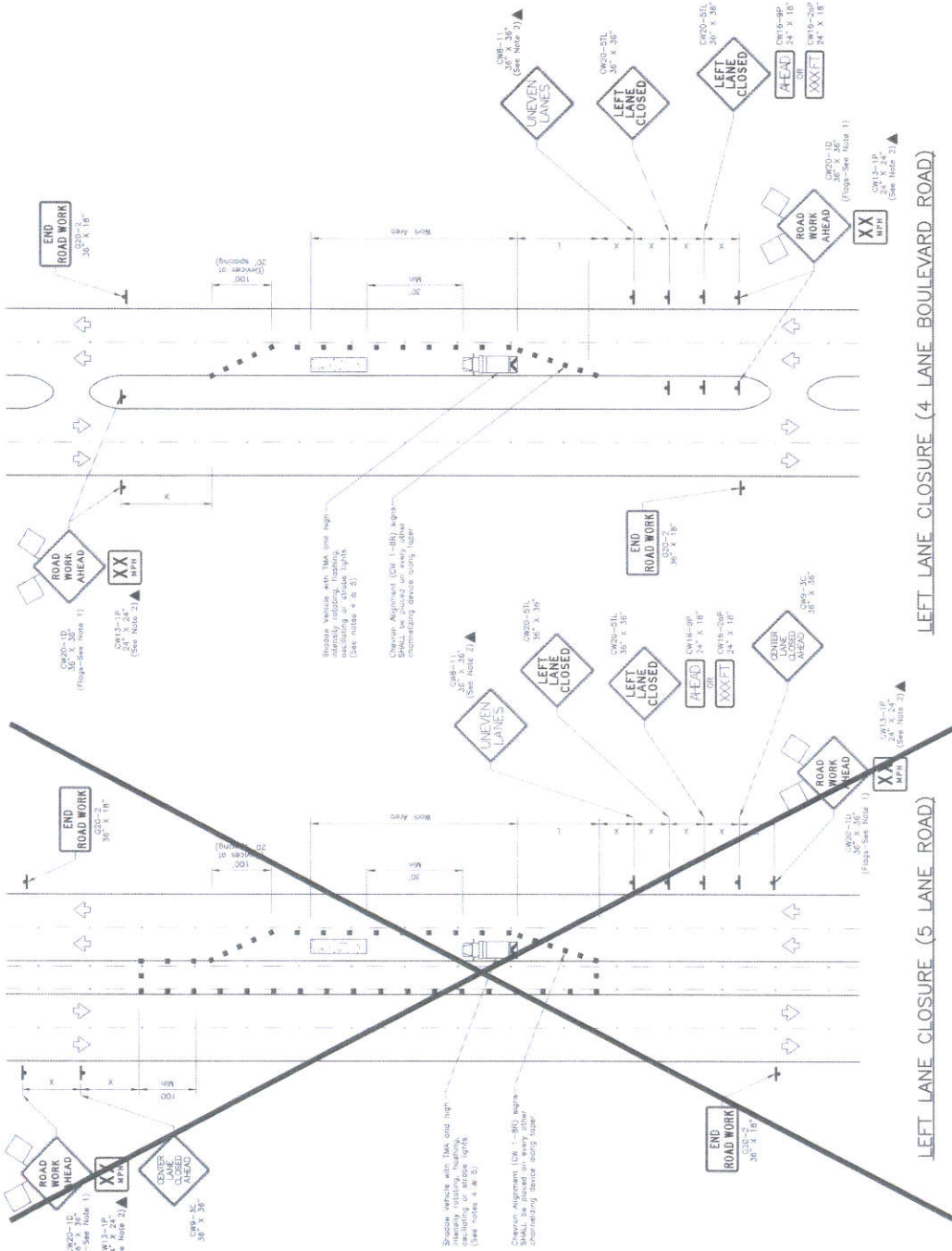
LEGEND

	Channelizing Devices
	Traffic Sign
	Heavy Work Vehicle
	Trailer Mounted Flashing Arrow Board
	Syn.
	Flag

Posted Speed	Minimum Taper Length, L _t	Suggested Maximum Spacing of Devices, S _d	Minimum Spacing of Signs, S _s	Minimum Sign Offset Distance	Minimum Sign Buffer Space
30	150	180	35	60	120
35	150	180	35	70	120
40	150	180	35	80	120
45	150	180	35	90	120
50	150	180	35	100	120
55	150	180	35	110	120
60	150	180	35	120	120
65	150	180	35	130	120
70	150	180	35	140	120
75	150	180	35	150	120

GENERAL NOTES

- Flags attached to sign vehicles shall not be used.
- All traffic control devices illustrated are REQUIRED, except those denoted with an asterisk (*). Signs are not required if the equipment is not used.
- Instructional vehicles or other equipment should be posted near the right-of-way line and not parked on the paved shoulder.
- Signs should be placed in advance of the work zone without obstructing the view of the work zone. Signs should be placed in advance of the work zone without obstructing the view of the work zone.
- Additional Signs: Vehicles with TEMA may be positioned off the paved surface, provided they do not obstruct the view of the work zone.
- Contractor shall provide and install traffic control devices in accordance with part VI of Texas Manual on Uniform Traffic Control Devices (TMUCD) - Latest edition with revisions during construction.



LEFT LANE CLOSURE (4 LANE BOULEVARD ROAD)

LEFT LANE CLOSURE (5 LANE ROAD)

PROJECT TITLE	BRIARWOOD CROSSING SECTION FIVE
DRAWN BY	[Signature]
CHECKED BY	[Signature]
DATE	4/22/10
SHEET DESCRIPTION	TRAFFIC CONTROL PLAN (LEFT LANE CLOSURE)
DATE	4/22/10
APPROVED BY	[Signature]
DATE	6/28/14
SHEET NO.	19/20

r.g. miller engineers
10344 Park Ten Place
Houston, Texas 77064
(713) 461-9999

HARRIS COUNTY
PUBLIC INFRASTRUCTURE DEPARTMENT
ARCHITECTURE & ENGINEERING DIVISION

F.B.C.M.U.D. NO. 5
**BRIARWOOD CROSSING
 SECTION FIVE**
 PROPOSED PAVING, STORM
 SEWER, SANITARY SEWER
 AND WATER LINE
**PAVEMENT DETAILS
 SHEET 1 OF 2**

DATE: _____
 SCALE: _____
 SHEET NO. _____
 TOTAL SHEETS _____

**r.g.miller
 engineers**

16340 Park Ten Place
 Houston, Texas 77064
 (713) 461-8800
 TEXAS FIRM REGISTRATION NO. F-487

Justin E. Miller
 2/22/10

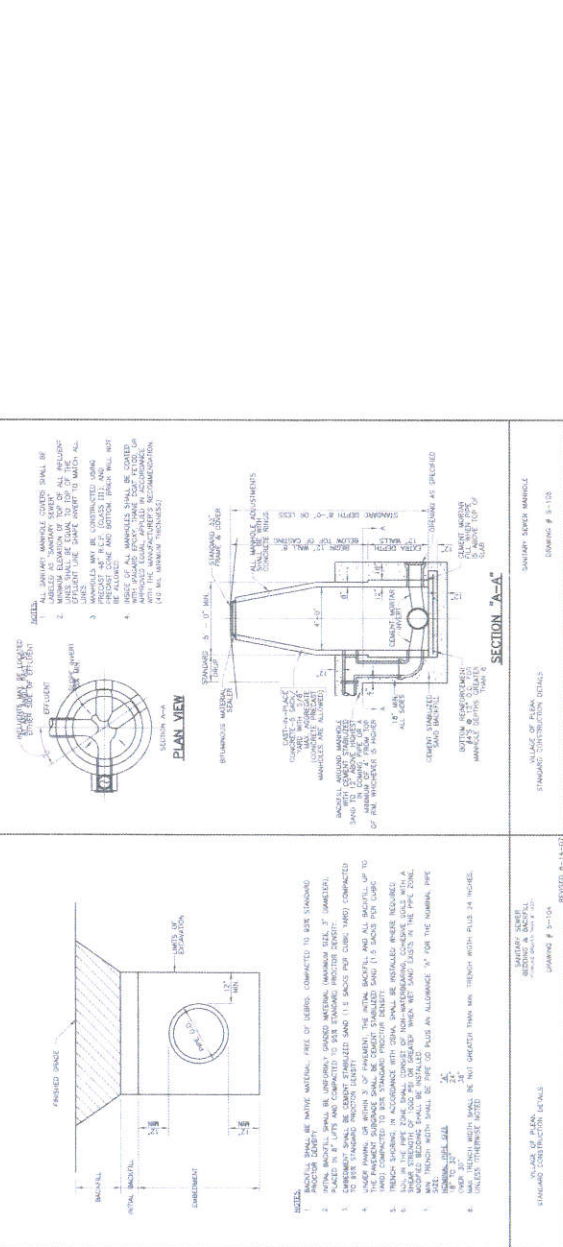
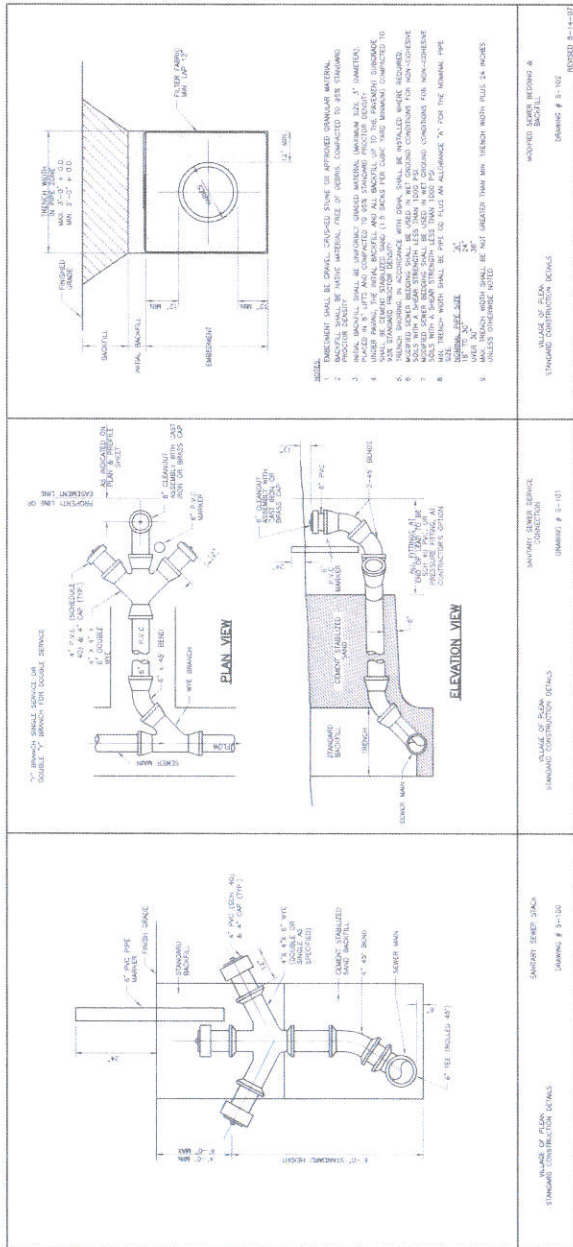
**AUSTIN E. MILLER
 LICENSED PROFESSIONAL ENGINEER
 NO. 10834**

APPROVED: *Justin E. Miller*
 PROJECT ENGINEER

DATE: *2/22/10*

DESIGNED BY: A.L.E.
 DRAWN BY: E.C.C.
 CHECKED BY: M.L.P.
 DATE: 10/14/09

<p>UNDERCUT BAR LAYOUT</p>	<p>INTERSECTION INTERSECTION</p>	<p>EXPANSION JOINT</p>	<p>CONCRETE CURB</p>	<p>PAVEMENT UNDERCUT DRAWING # P-103</p>	<p>INTERSECTION INTERSECTION DRAWING # P-102</p>	<p>CONCRETE CURB DRAWING # P-101</p>	<p>CONCRETE CURB DRAWING # P-104</p>
<p>CONSTRUCTION JOINT</p>	<p>REINFORCED METAL STRIP</p>	<p>PAVEMENT UNDERCUT</p>	<p>CONSTRUCTION JOINT DRAWING # P-104</p>	<p>REINFORCED METAL STRIP DRAWING # P-103</p>	<p>PAVEMENT UNDERCUT DRAWING # P-107</p>	<p>PAVEMENT UNDERCUT STANDARD CONSTRUCTION DETAILS</p>	<p>CONSTRUCTION JOINT STANDARD CONSTRUCTION DETAILS</p>



F.B.C.M.U.D. NO. 5
BRIARWOOD CROSSING
SECTION FIVE
 PROPOSED PAVING, STORM
 SEWER, SANITARY SEWER
 AND WATER LINE
SANITARY SEWER DETAILS

<p>r.g.miller engineers</p> <p>16340 Park Ten Place Houston, Texas 77064 (713) 611-9600 TEAM FIRM REGISTRATION NO. F-487</p>	<p>APPROVED: <i>[Signature]</i> DEVELOPMENT COORDINATOR</p> <p>DATE: 3/23/14</p>	<p>DESIGNED BY: A.L.C. DRAWN BY: E.C.L. SHEET NO. 15 OF 15 SHEETS CHECKED BY: K.M.L. / S.M.K. DATE: 3/23/14</p>
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F.B.C.M.U.D. NO. 5
 BRIARWOOD CROSSING
 SECTION FIVE
 PROPOSED PAVING, STORM
 SEWER, SANITARY SEWER
 AND WATER LINE
 STORM SEWER DETAILS

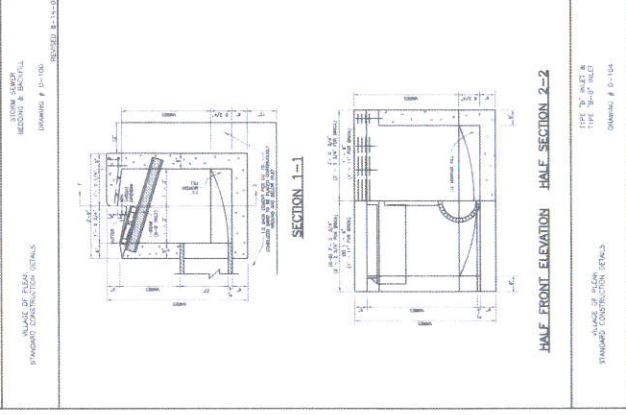
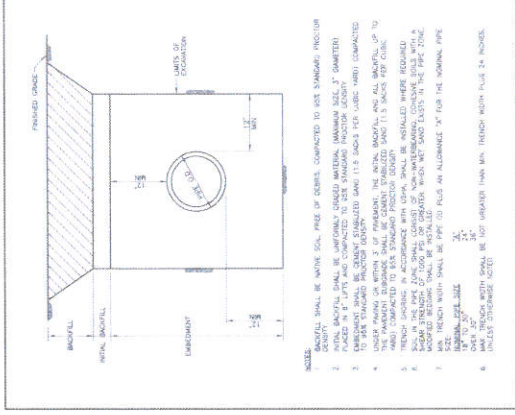
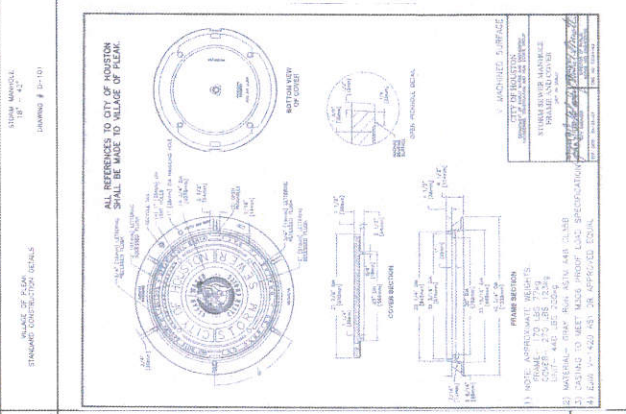
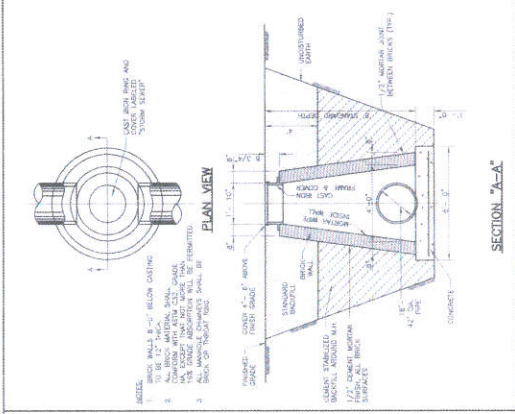
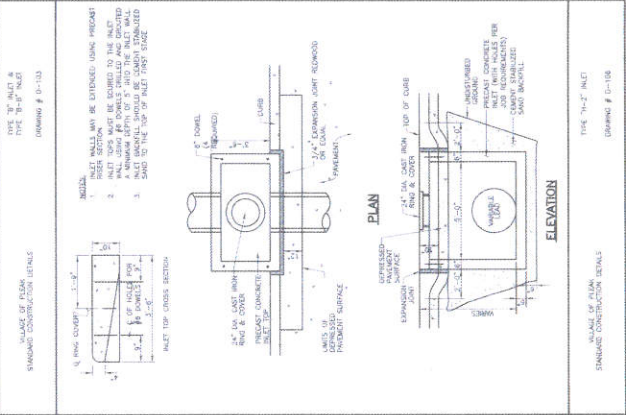
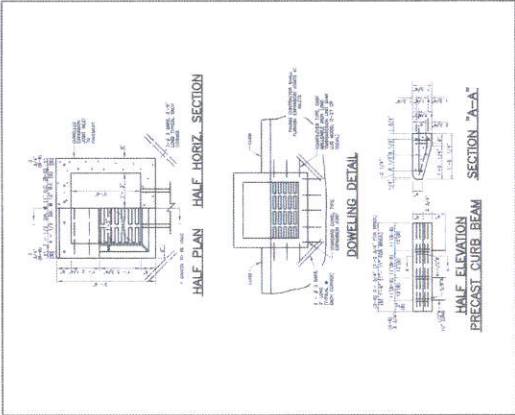
DATE: _____
 REVISION: _____

r.g. miller engineers
 16340 Park Ten Place
 Suite 300 77084
 Houston, TX 77058
 (713) 481-9909
 TEXAS PERM REGISTRATION NO. F-487

John D. Wilson
 2/22/14
 PROJECT COORDINATOR

APPROVED: *John D. Wilson*
 DATE: 3/23/14

DESIGNED BY: A.L.C.
 SCALE: N.E.S.
 DRAWN BY: E.T.C.
 SHEET NO. 14 OF 25 SHEETS
 SUPPLY BY: MILLER-SHAWNEY
 CITY: HOUSTON, TX



F.B.C.M.U.D. NO. 5
BRIARWOOD CROSSING
SECTION FIVE
 PROPOSED PAVING, STORM
 SEWER, SANITARY SEWER
 AND WATER LINE
**WATER LINE AND
 MISCELLANEOUS DETAILS**

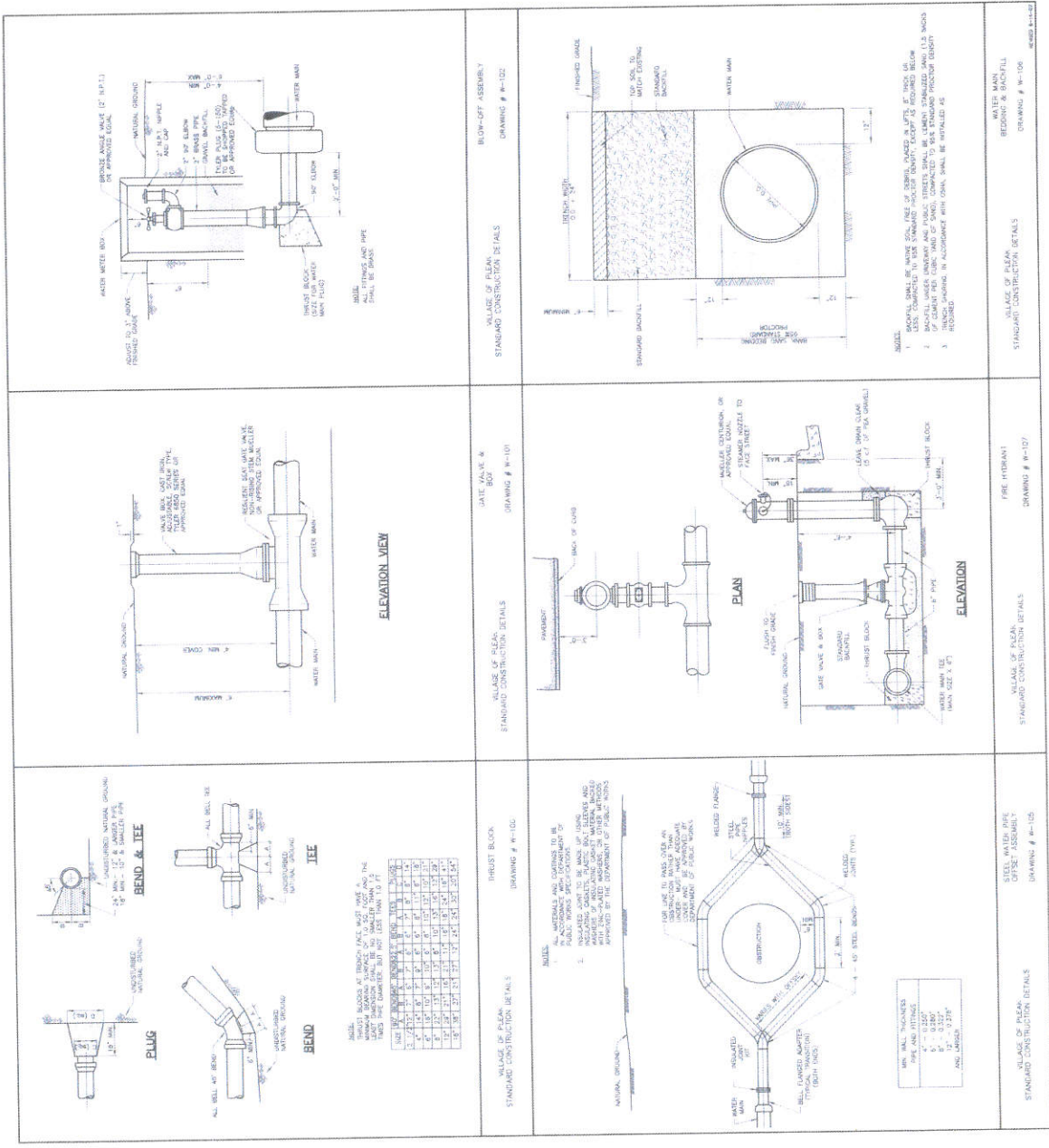
NO.	DATE	REVISION

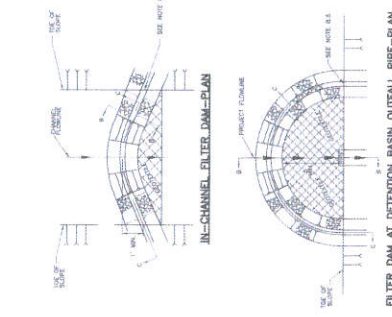
r.g.miller
 engineers
 10840 Beck Lane Place
 Suite 250
 Houston, Texas 77064
 (713) 461-9093
 TEXAS PROFESSIONAL ENGINEERING NO. 7-447



APPROVED: *Justin S. Winters*
 2/22/14
 DATE: 2/22/14

PREPARED BY: K.A.C.
 DRAWN BY: E.L.C.
 CHECKED BY: J.P.P.
 SCALE: AS SHOWN
 SHEET NO. 10 OF 10
 PROJECT NO. 108846
 CITY AND STATE: HOUSTON, TEXAS





F.B.C.M.U.D. NO. 5
 BRIARWOOD CROSSING
 SECTION FIVE

PROPOSED PAVING, STORM
 SEWER, SANITARY SEWER
 AND WATER LINE
 STORM WATER POLLUTION
 PREVENTION PLAN
 DETAILS

r.g.miller
 engineers

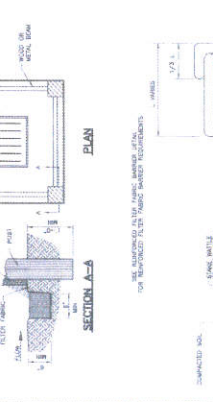
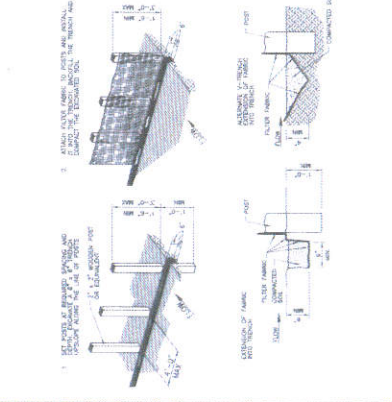
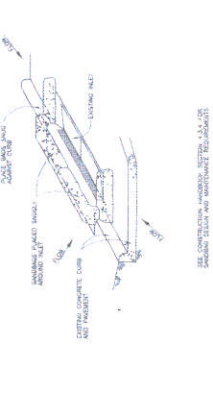
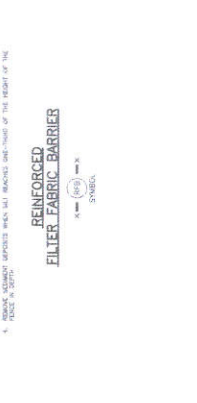
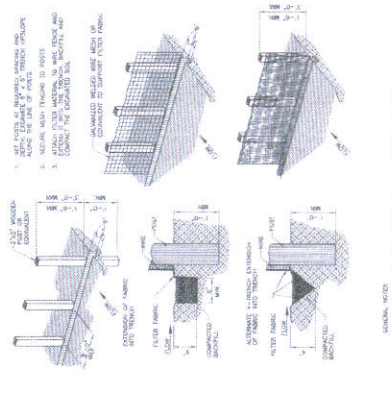
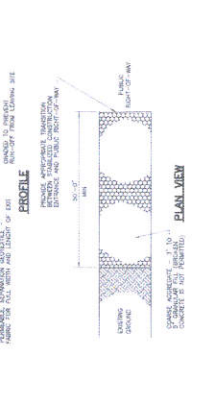
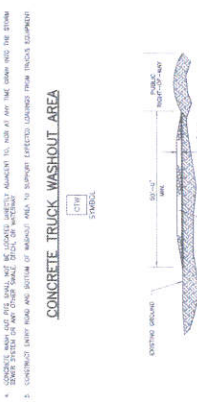
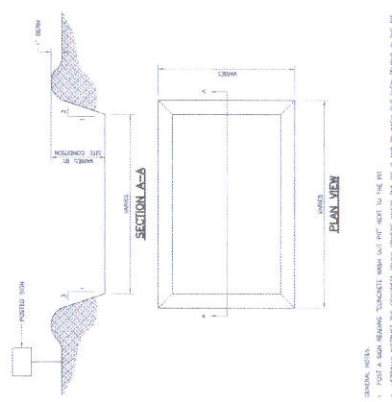
10340 Park Ten Place
 Houston, Texas 77098
 (713) 461-9800

STATE REGISTRATION NO. 17-487

APPROVED: *[Signature]*
 DEVELOPMENT COORDINATOR

DATE: 3/23/14

DESIGNED BY: A.L.L.
 DRAWN BY: E.S.C.
 CHECKED BY: E.S.C.
 SHEET NO. 23 OF 23 SHEETS
 PROJECT BY: MILLER SURVEY
 CITY: DMC, TX



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

GEOTECHNICAL NOTES:

1. ALL AREAS FOR PROTECTION SHALL BE PROTECTED BY A FILTER DAM.
2. ALL AREAS FOR PROTECTION SHALL BE PROTECTED BY A FILTER DAM.
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10. ALL AREAS FOR PROTECTION SHALL BE PROTECTED BY A FILTER DAM.

CONCRETE TRUCK WASHOUT AREA

GENERAL NOTES:

1. FILL WITH 18" MINIMUM CONCRETE WITH 4" REINFORCING BARS.
2. ALL AREAS FOR PROTECTION SHALL BE PROTECTED BY A FILTER DAM.
3. ALL AREAS FOR PROTECTION SHALL BE PROTECTED BY A FILTER DAM.
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REINFORCED FILTER FABRIC BARRIERS

GENERAL NOTES:

1. ALL AREAS FOR PROTECTION SHALL BE PROTECTED BY A FILTER DAM.
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INLET PROTECTION BARRIERS FOR STAGE I INLETS

GENERAL NOTES:

1. ALL AREAS FOR PROTECTION SHALL BE PROTECTED BY A FILTER DAM.
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INLET PROTECTION BARRIERS FOR STAGE II INLETS

GENERAL NOTES:

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F.B.C.M.U.D. NO. 5
**BRIARWOOD CROSSING
 SECTION FIVE**
 PROPOSED PAVING, STORM
 SEWER, SANITARY SEWER
 AND WATER LINE
**STORM WATER POLLUTION
 PREVENTION PLAN**



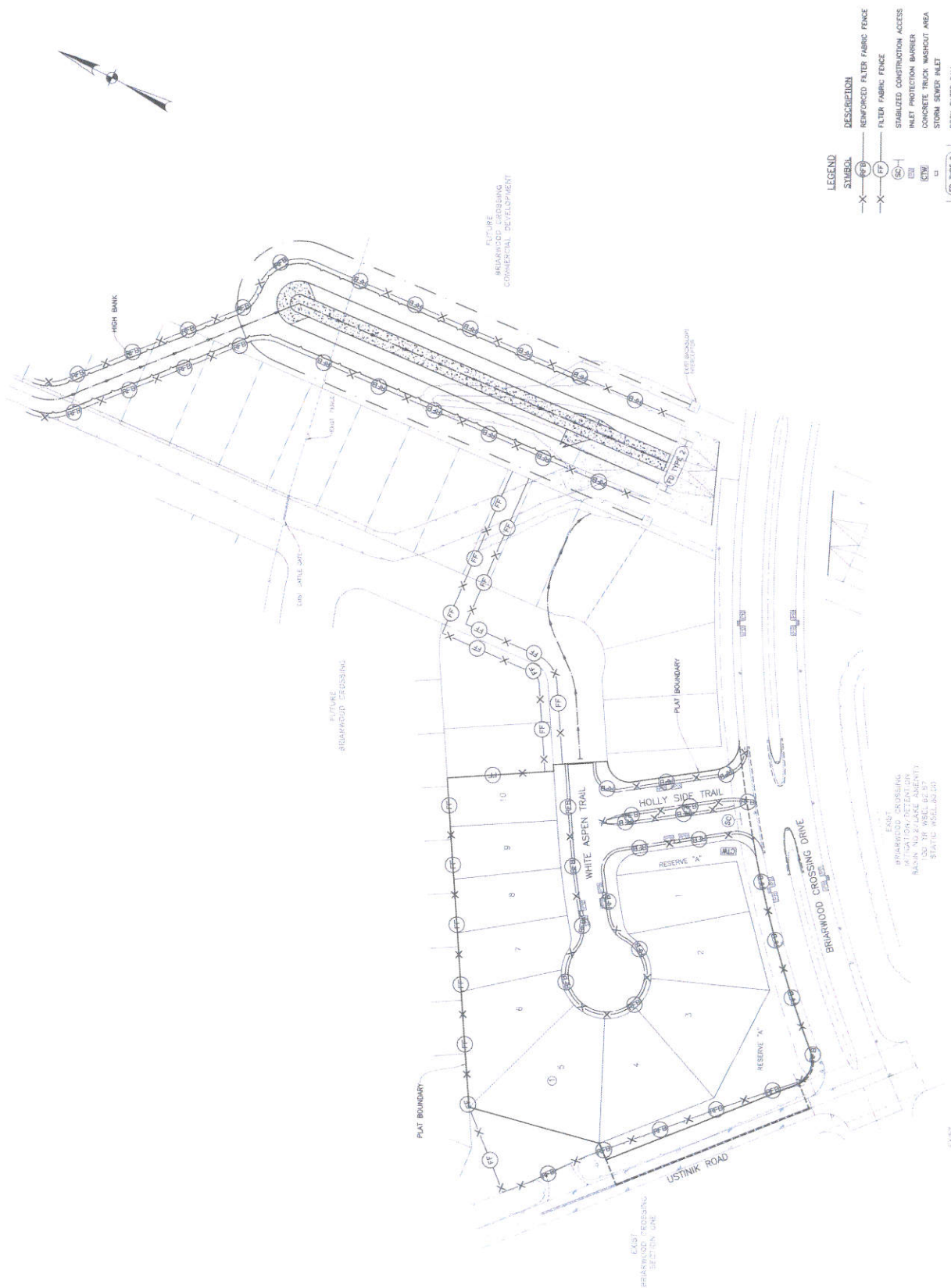
10340 Park Ten Place
 Houston, Texas 77064
 (713) 461-9600
 TEXAS PWS REGISTRATION NO. F-487



John D. Wiley
 2/22/14

APPROVED: *Michael P. ...*
 DELEGATED COMMUNITY
 ENGINEER
 DATE: 2/22/14

REVISIONS:
 NO. DATE DESCRIPTION
 1 02/22/14
 2 02/22/14
 3 02/22/14
 4 02/22/14
 5 02/22/14
 6 02/22/14
 7 02/22/14
 8 02/22/14
 9 02/22/14
 10 02/22/14



LEGEND

SYMBOL	DESCRIPTION
(X) PF	REINFORCED FILTER FABRIC FENCE
(X) F	FILTER FABRIC FENCE
(S) C	STABILIZED CONSTRUCTION ACCESS
(S) B	INLET PROTECTION BARRIER
(S) W	CONCRETE TRUCK WASHOUT AREA
(S) I	STORM SEWER INLET
(S) D	ROCK FILTER DAM

EAST
 BRIARWOOD CROSSING
 SECTION TWO

EAST
 BRIARWOOD CROSSING
 SECTION FOUR
 BASIN AND TRAP ASSEMBLY
 1.00 TR WSEL 62.37
 STATIC WSEL 60.00

NOTES

1. ALL CONCRETE LEADS SHALL INCLUDE STIFFENERS, REINFORCING WELLS, AND ALL APPURTENANCES TO BE END AT A DEPTH OF 4'-5" BELOW NATURAL FINISH (SEE DETAIL SHIT. 13)
2. BACK OF CURB
3. THE TOP OF CURB ELEVATIONS IN THE PROFILE REFLECT 6"-HIGH CONCRETE CURB IN PLACE
4. ALL UTILITY LEADS UNDER PAVEMENT IN CUL-DE-SACS AND/OR ANCHORS TO BE COMPACTED TO 95% STANDARD PROCTOR AND DENSITY
5. SLOUT OUT AND REMOVE EXISTING CONCRETE AND EXPOSE 15" OF REINFORCING STEEL IF NO REINFORCING STEEL IS OBSERVED. ALL DOWNCAST DOWNCAST SHALL BE SET WITH "P" AND "A" LONG UNLESS SHOWN OTHERWISE
6. FILL SHALL BE PLACED IN 6"-HIGH LIFTS AND COMPACTED TO 95% STANDARD PROCTOR AND DENSITY

WARNING - BURIED UTILITIES

CONTRACTOR SHALL USE EXTREME CAUTION WHEN EXISTING BURIED UTILITIES ARE ENCOUNTERED WITHIN THE PROJECT AREA. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE TEXAS ELECTRICAL CODE AND THE TEXAS GAS PIPELINE CODE. ALL EXISTING BURIED UTILITIES SHALL BE IDENTIFIED AND PROTECTED PRIOR TO COMMENCING CONSTRUCTION. SEE PRIVATE UTILITY NOTES. (SHIT. 2)

CONTRACTOR MUST OBTAIN A PERMIT FROM COUNTY ENGINEERING DEPARTMENT WITHIN THE PROJECT AREA TO ANY WORK WITHIN THE PROJECT AREA. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE TEXAS ELECTRICAL CODE AND THE TEXAS GAS PIPELINE CODE. ALL EXISTING BURIED UTILITIES SHALL BE IDENTIFIED AND PROTECTED PRIOR TO COMMENCING CONSTRUCTION. SEE PRIVATE UTILITY NOTES. (SHIT. 2)

NOTE

15'-0" DEPTH (MIN.) OF SAND FILL CENTER RESTRAINED JOINT AND 18" FOOT JOINT (MIN.) OF RESTRAINED JOINT WATER LINE AT ALL POINTS. ALL JOINTS SHALL BE SET WITH "P" AND "A" LONG UNLESS SHOWN OTHERWISE. ALL JOINTS SHALL BE SET WITH "P" AND "A" LONG UNLESS SHOWN OTHERWISE.

NOTE

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NOTE

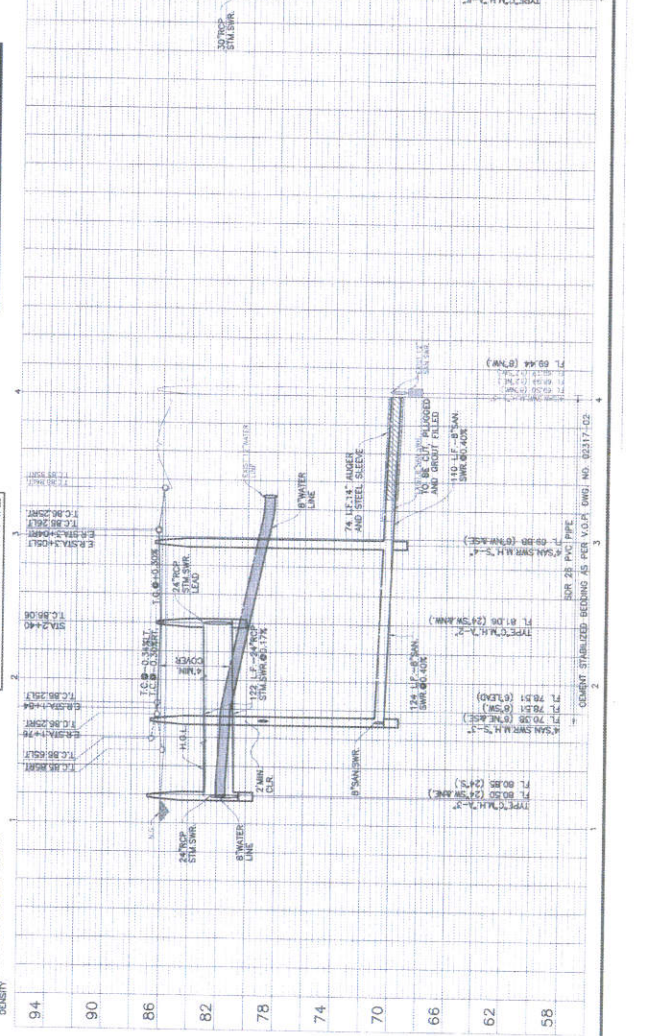
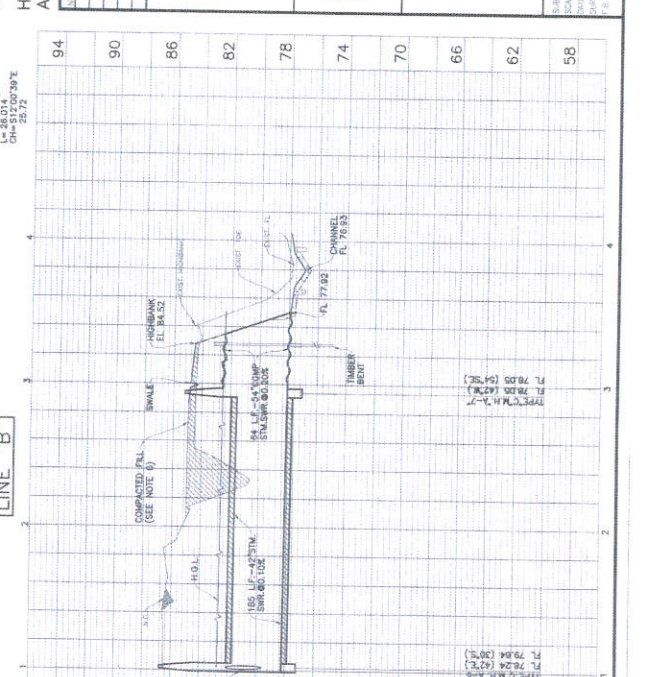
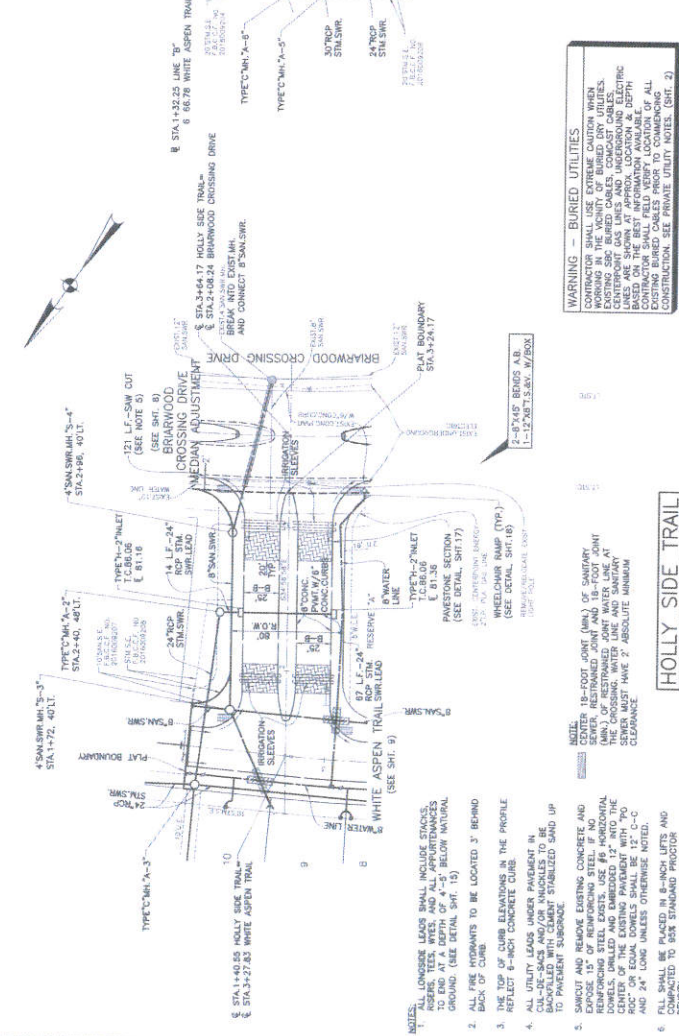
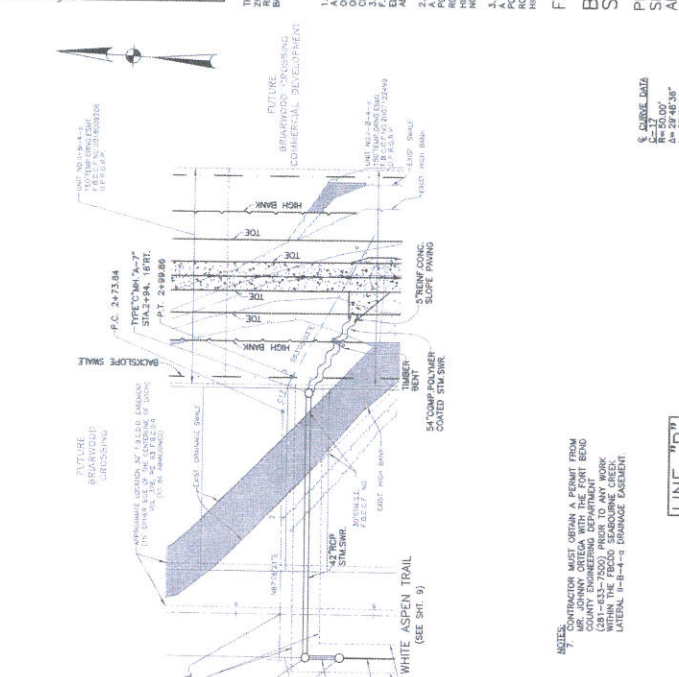
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APPROVED: *[Signature]*
DATE: 3/23/16

PROJECT: BRIARWOOD CROSSING DRIVE AND HOLLY SIDE TRAIL
SECTION: SECTION FIVE
DATE: 3/23/16

SCALE: 1"=40' HORIZ. 1"=4' VERT.
DATE: 3/23/16
BY: J. MILLER
CITY: HOUSTON, TEXAS

r.g.miller engineers
 16340 Park Ten Place
 Houston, Texas 77064
 (713) 461-9800
 TEXAS REGISTRATION NO. F-487

APPROVED: *[Signature]*
DATE: 3/23/16

SCALE: 1"=40' HORIZ. 1"=4' VERT.
DATE: 3/23/16
BY: J. MILLER
CITY: HOUSTON, TEXAS