

REVIEW BY FORT BEND COUNTY COMMISSIONERS COURT

On this 26th day of April, 2016, Commissioners Court came on to be heard and reviewed the accompanying notice of R&T Ellis Excavating, Inc.

Job Location Trails of Katy, Katy, TX 77494

Date 4/6/2016 Bond No. 5212686, Permit No. 2016-5971 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 Meyers, seconded by Commissioner Patterson, 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: Charles O. Ay
for County Engineer

Presented to Commissioners Court and approved.

Recorded in Volume
4-26-16 13FF
Minutes of Commissioners Court

By: Mark Vogel
Drainage District Engineer/Manager

Clerk of Commissioners Court

By: Randy Walker
Deputy

County of Fort Bend

Engineering Department

301 Jackson Street
Richmond, Texas 77469

Johnny Ortega
Permit Administrator

Phone: (281) 633-7500

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

Permit No. 2016-5971

The following "Notice of Proposed Cable, Conduit, and/or Pole Line activity in Fort Bend County" and accompanying attachments have been reviewed and the notice conforms to appropriate regulations set by Commissioner's Court of Fort Bend County, Texas.

- (1) Complete Application Form:
- a. Name of road, street, and/or drainage ditch affected.
 - b. Vicinity map showing course of directions
 - c. Plans and specifications
- (2) Bond:
- District Attorney, approval when applicable.
Perpetual bond currently posted.
- No: _____
Amount: _____
- Performance bond submitted.
- No: 5212686
Amount: \$279,580.00
Cashier's Check
- No: _____
Amount: _____
- (3) Verbal permission given for emergencies, to start construction before approved in Commissioner's Court.

Precinct Engineer Acknowledgment

Date

Precinct Commissioner Acknowledgment

Date

(4)

Drainage District Approval when applicable

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

 CFM

Johnny Ortega CFM/Permit Administrator



Date

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

BOND NO 5212686
THE STATE OF TEXAS §
COUNTY OF FORT BEND §

KNOW ALL MEN BY THESE PRESENTS:

THAT WE, R & T Ellis Excavating, Inc. whose address is 445 County Road 2301 Cleveland, TX 77327, Texas, hereinafter called the Principal, and SureTec Insurance Company, a Corporation existing under and by virtue of the laws of the State of Texas and authorized to do an indemnifying business in the State of Texas, and whose principal office is located at 1330 Post Oak Blvd., Suite 1100 Houston, TX 77056, whose officer residing in the State of Texas, authorized to accept service in all suits and actions brought within said State is Steven D. Nelson and whose address is 9737 Great Hills Trail, Suite 320, Austin, TX 78759, hereinafter called the Surety, are 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 Two Hundred Seventy Nine Thousand Five Hundred Eighty Dollars (\$ 279,580.00) current, lawful money of the United States of America, to be paid to said Robert E. Hebert, County Judge of Fort Bend County, Texas, or his successors in office, to which payment well and truly to be made and done, we, the undersigned, bind ourselves and each of us, our heirs, executors, administrators, successors, assigns, and legal representatives, jointly and severally, by these presents.

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

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

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

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

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

EXECUTED this 7th day of March, 2016 .

R & T Ellis Excavating, Inc.

PRINCIPAL

SureTec Insurance Company

SURETY

BY

Kelly Brooks, Attorney in Fact



SureTec Insurance Company
THIS BOND RIDER CONTAINS IMPORTANT COVERAGE INFORMATION

Statutory Complaint Notice/Filing of Claims

To obtain information or make a complaint: You may call the Surety's toll free telephone number for information or to make a complaint or file a claim at: 1-866-732-0099. You may also write to the Surety at:

SureTec Insurance Company
9737 Great Hills Trail, Suite 320
Austin, Tx 78759

You may contact the Texas Department of Insurance to obtain information on companies, coverage, rights or complaints at 1-800-252-3439. You may write the Texas Department of Insurance at

PO Box 149104
Austin, TX 78714-9104
Fax#: 512-490-1007
Web: <http://www.tdi.state.tx.us>
Email: ConsumerProtection@tdi.texas.gov

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

SureTec Insurance Company

LIMITED POWER OF ATTORNEY

Know All Men by These Presents, That SURETEC INSURANCE COMPANY (the "Company"), a corporation duly organized and existing under the laws of the State of Texas, and having its principal office in Houston, Harris County, Texas, does by these presents make, constitute and appoint

Kelly Brooks

its true and lawful Attorney-in-fact, with full power and authority hereby conferred in its name, place and stead, to execute, acknowledge and deliver any and all bonds, recognizances, undertakings or other instruments or contracts of suretyship to include waivers to the conditions of contracts and consents of surety for:

Principal: R & T Ellis Excavating, Inc.
Obligee: Fort Bend County Judge
Amount: \$ 279,580.00

and to bind the Company thereby as fully and to the same extent as if such bond were signed by the President, sealed with the corporate seal of the Company and duly attested by its Secretary, hereby ratifying and confirming all that the said Attorney-in-Fact may do in the premises. Said appointment is made under and by authority of the following resolutions of the Board of Directors of the SureTec Insurance Company:

Be it Resolved, that the President, any Vice-President, any Assistant Vice-President, any Secretary or any Assistant Secretary shall be and is hereby vested with full power and authority to appoint any one or more suitable persons as Attorney(s)-in-Fact to represent and act for and on behalf of the Company subject to the following provisions:

Attorney-in-Fact may be given full power and authority for and in the name of and of behalf of the Company, to execute, acknowledge and deliver, any and all bonds, recognizances, contracts, agreements or indemnity and other conditional or obligatory undertakings and any and all notices and documents canceling or terminating the Company's liability thereunder, and any such instruments so executed by any such Attorney-in-Fact shall be binding upon the Company as if signed by the President and sealed and effected by the Corporate Secretary.

Be it Resolved, that the signature of any authorized officer and seal of the Company heretofore or hereafter affixed to any power of attorney or any certificate relating thereto by facsimile, and any power of attorney or certificate bearing facsimile signature or facsimile seal shall be valid and binding upon the Company with respect to any bond or undertaking to which it is attached. (Adopted at a meeting held on 20th of April, 1999.)

In Witness Whereof, SURETEC INSURANCE COMPANY has caused these presents to be signed by its President, and its corporate seal to be hereto affixed this 21st day of March, A.D. 2013.

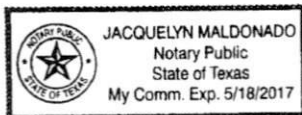


SURETEC INSURANCE COMPANY

By:
 John Knox Jr., President

State of Texas ss:
 County of Harris

On this 21st day of March, A.D. 2013 before me personally came John Knox Jr., to me known, who, being by me duly sworn, did depose and say, that he resides in Houston, Texas, that he is President of SURETEC INSURANCE COMPANY, the company described in and which executed the above instrument; that he knows the seal of said Company; that the seal affixed to said instrument is such corporate seal; that it was so affixed by order of the Board of Directors of said Company; and that he signed his name thereto by like order.



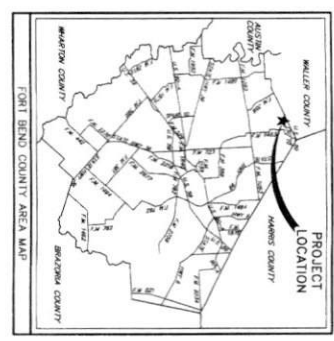
Jacquelyn Maldonado, Notary Public
 My commission expires May 18, 2017

I, M. Brent Beaty, Assistant Secretary of SURETEC INSURANCE COMPANY, do hereby certify that the above and foregoing is a true and correct copy of a Power of Attorney, executed by said Company, which is still in full force and effect; and furthermore, the resolutions of the Board of Directors, set out in the Power of Attorney are in full force and effect.

Given under my hand and the seal of said Company at Houston, Texas this 8th day of March, 2016, A.D.

M. Brent Beaty, Assistant Secretary

Any instrument issued in excess of the penalty stated above is totally void and without any validity.
 For verification of the authority of this power you may call (713) 812-0800 any business day between 8:00 am and 5:00 pm CST.



CONSTRUCTION
OF
TRAILS OF KATY
DETENTION PHASE 2
& CHANNEL IMPROVEMENTS
FOR
VENTANA DEVELOPMENT KATY
ON BEHALF OF
WILLOW POINT UTILITY DISTRICT
IN
FORT BEND COUNTY, TEXAS

INDEX OF DRAWINGS

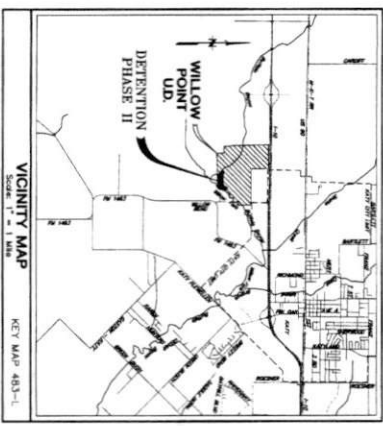
SHEET No.	TITLE
1	COVER SHEET & INDEX
2	OVERALL SITE LAYOUT
3	OVERALL SITE LAYOUT
4	GENERAL CONSTRUCTION NOTES

PLAN & PROFILE

STREET NAME	STATION
BASELINE A	S/A 1+00.00 TO 11+30.00
BASELINE B	S/A 1+00.00 TO 9+96.32
BASELINE C	S/A 1+00.00 TO 8+75.00
BASELINE D	S/A 1+00.00 TO 13+00.00
BASELINE E	S/A 13+00.00 TO 19+86.36
BASELINE F	S/A 11+50.00 TO 21+00.00
BASELINE G	S/A 21+00.00 TO 28+85.03

DETAILS

- 14 GROSS SECTIONS
- 15 MISCELLANEOUS DETAILS I
- 16 MISCELLANEOUS DETAILS II
- 17 FILL PLAN I
- 18 FILL PLAN II
- 19 STORM WATER POLLUTION PREVENTION PLAN & DETAILS



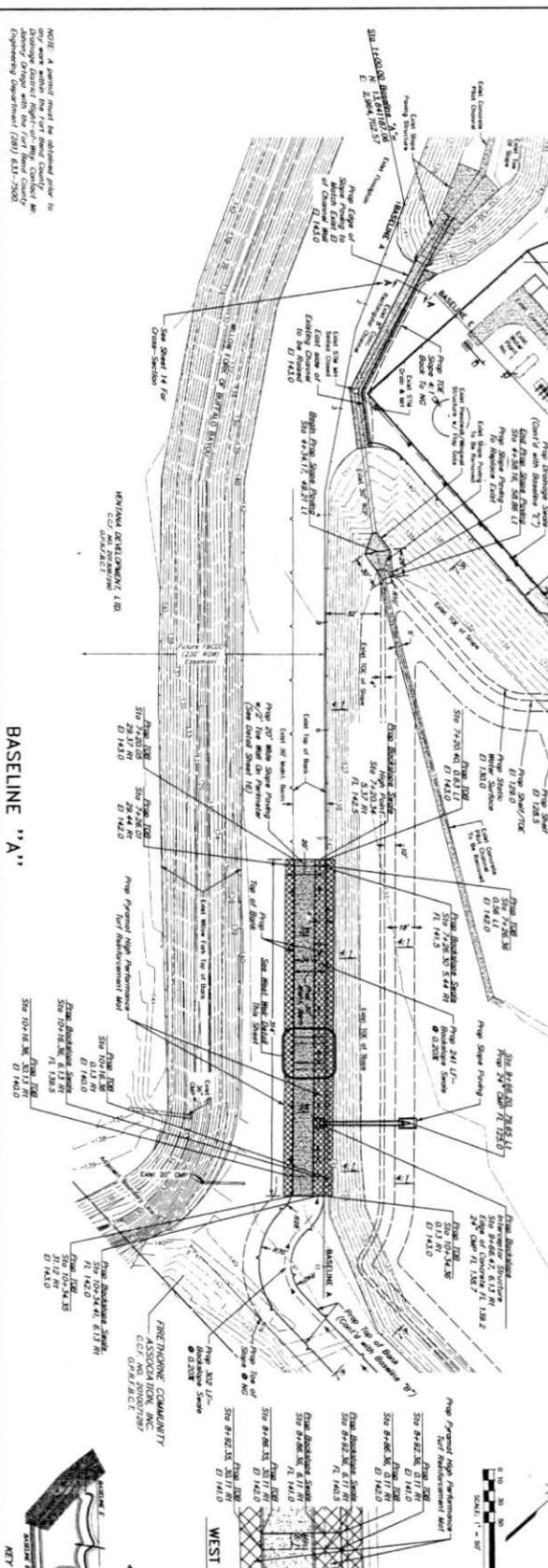
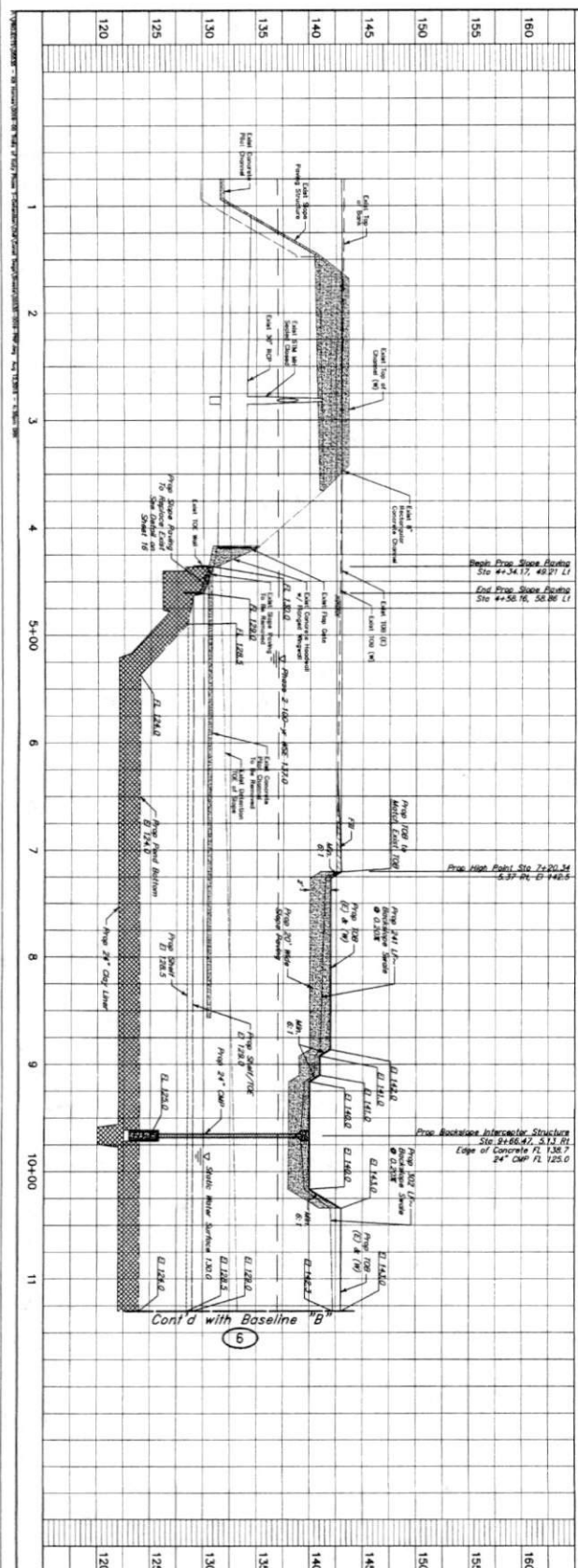
DIG-ITERS NOTIFICATION SYSTEM
CALL BEFORE YOU DIG!!
 www.digiters.com
 TOLLFREE 1-800-256-1035
 1-800-344-6277

JULY 2015
 JC JOB NO. 05535-0019-00
JONES & CARTER, INC.
 ENGINEERS-PLANNERS-SURVEYORS
 15000 Katy Road, Suite 150 Houston, Texas 77058 (281) 774-5500



FORT BEND COUNTY ENGINEER
 ENGINEER: *[Signature]*
 DATE: 3/28/15
 THESE SIGNATURES ARE VOID IF CONSTRUCTION
 BEGINS BEFORE THE DATE OF APPROVAL.
 APPROVED: *[Signature]*
 DATE: 3/28/15

NO.	DATE	REVISION



NOTE: A permit must be obtained prior to any work within the Fort Lauderdale Flood Control District. All work must be done in accordance with the Flood Control District's Engineering Department (391) 631-7500.

WET POND DETAIL
 FORT BOND & MILLER DAMS
 100' WEIR DETAIL
 SCALE: 1" = 20'

WEST WEIR DETAIL
 SCALE: 1" = 20'

100' WEIR DETAIL
 SCALE: 1" = 20'

CAUTION!
 CONTRACTOR TO VERIFY EXISTING CONDITIONS AND FUNDAMENTAL DATA FOR ANY FUTURE CONSTRUCTION.

CONTRACT:
 48 HOURS FROM TO CONSTRUCTION

APPROVED: *[Signature]*
 DATE: 3/28/11

DESIGNER: *[Signature]*

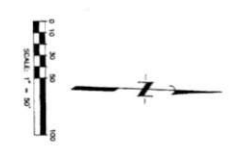
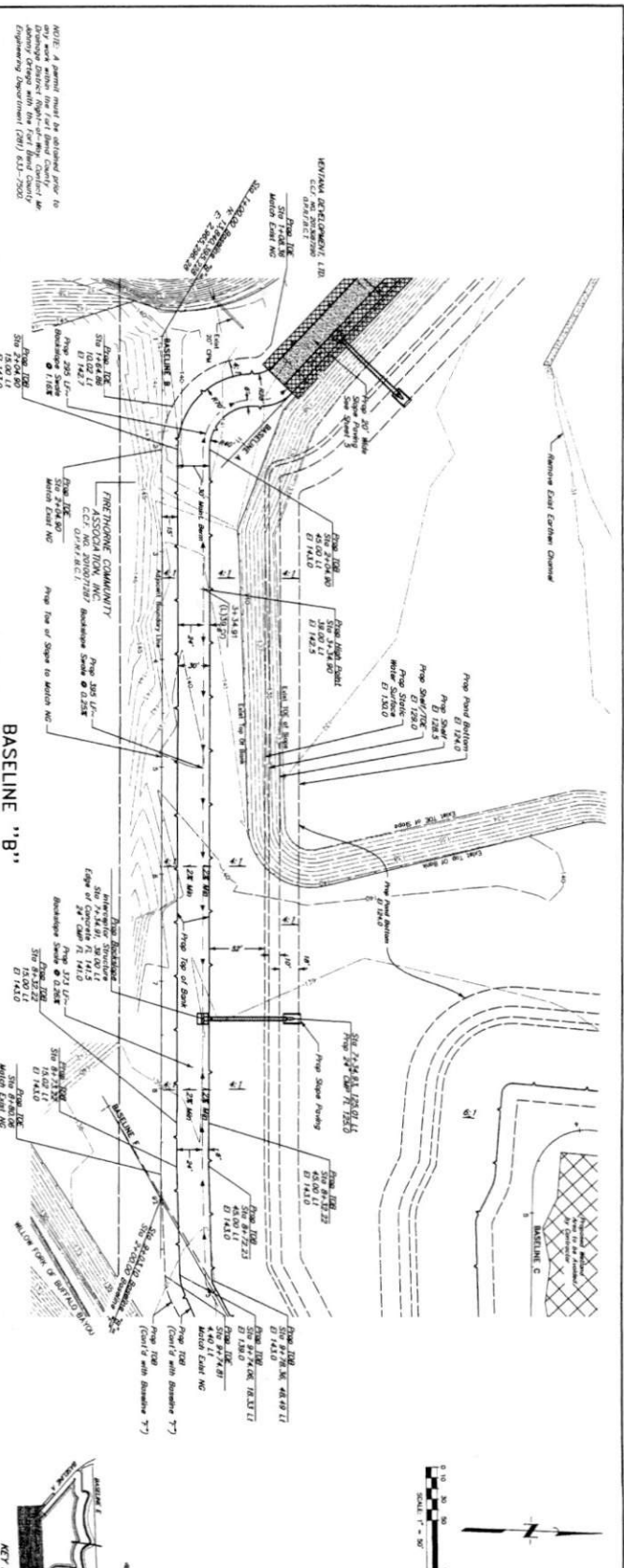
PROJECT:
 WILLOW POINT MUNICIPAL
 FT. LAUDERDALE, FL
 FLOOD CONTROL DISTRICT

**TRAILS OF MANY RETENTION PHASE 2
 PLAN AND PROFILE**

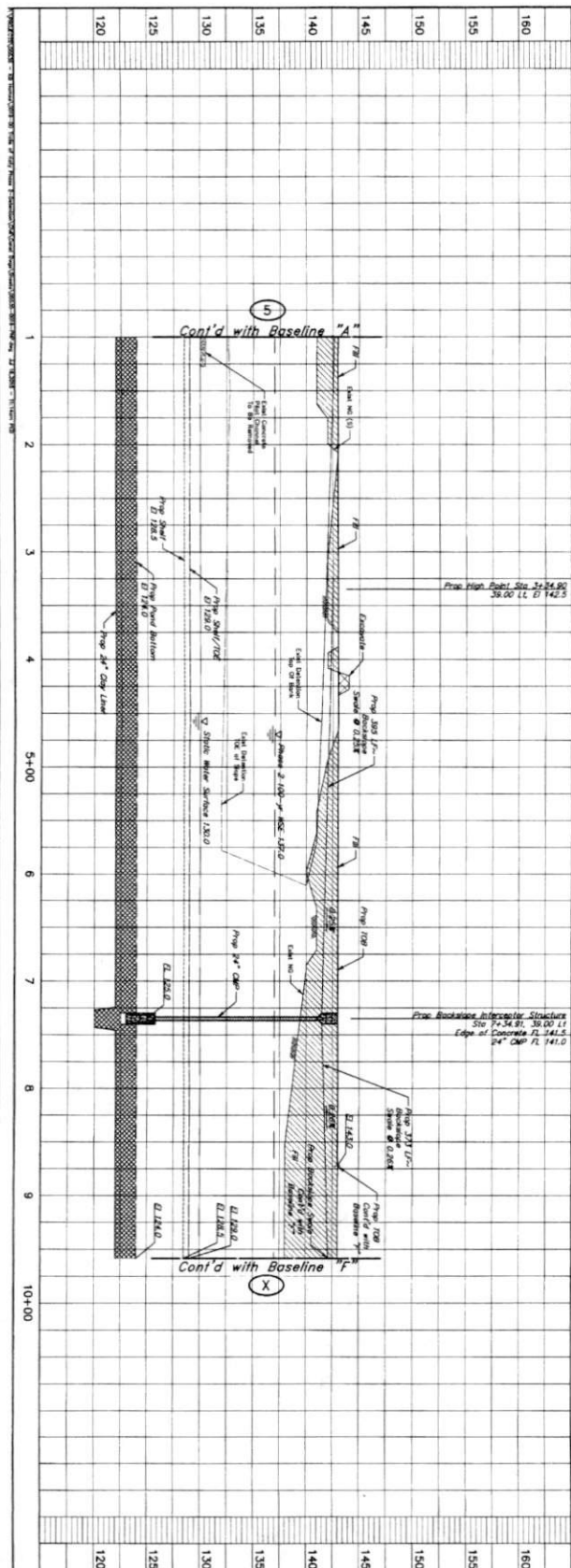
**BASELINE A
 STA 1+00.00 TO 11+30.05**

J.C. JONES & SCARTE R., INC.
 REGISTERED PROFESSIONAL ENGINEERS
 600 S.W. 11TH AVENUE, SUITE 200
 FT. LAUDERDALE, FL 33304
 PHONE: (954) 371-1100
 FAX: (954) 371-1101
 WWW: WWW.JCJONES.COM

DATE: 3/28/11
SCALE: 1" = 20'
SHEET NO.: 5
OF 19



SECTION
 SECTION 1: FROM STATION 1+00.00 TO STATION 1+10.00
 SECTION 2: FROM STATION 1+10.00 TO STATION 1+20.00
 SECTION 3: FROM STATION 1+20.00 TO STATION 1+30.00
 SECTION 4: FROM STATION 1+30.00 TO STATION 1+40.00
 SECTION 5: FROM STATION 1+40.00 TO STATION 1+50.00
 SECTION 6: FROM STATION 1+50.00 TO STATION 1+60.00
 SECTION 7: FROM STATION 1+60.00 TO STATION 1+70.00
 SECTION 8: FROM STATION 1+70.00 TO STATION 1+80.00
 SECTION 9: FROM STATION 1+80.00 TO STATION 1+90.00
 SECTION 10: FROM STATION 1+90.00 TO STATION 2+00.00



WILLOW POINT MUNICIPAL UTILITY DISTRICT
 UTILITIES DIVISION
 PLANNING & DESIGN
 1100 W. 10th Street, Suite 100
 Fargo, ND 58103
 Phone: (701) 785-1100
 Fax: (701) 785-1101
 Website: www.willowpoint.org

JONES & CARTER
 ENGINEERS & ARCHITECTS
 1000 14th Street, Suite 100
 Fargo, ND 58103
 Phone: (701) 785-1100
 Fax: (701) 785-1101
 Website: www.jonesandcarter.com

STA 1+00.00 TO 9+58.32
BASELINE B

APPROVED: *Missy Rose*
 DATE: 3/28/14

48 HOURS PRIOR TO CONSTRUCTION
 DATE: 8/11

CAUTION!
 DEPT. OF TRANSPORTATION
 DIVISION OF HIGHWAYS
 FARGO, ND 58103
 PHONE: (701) 785-1100
 FAX: (701) 785-1101
 WEBSITE: www.nd.gov

WILLOW POINT MUNICIPAL UTILITY DISTRICT
 UTILITIES DIVISION
 PLANNING & DESIGN
 1100 W. 10th Street, Suite 100
 Fargo, ND 58103
 Phone: (701) 785-1100
 Fax: (701) 785-1101
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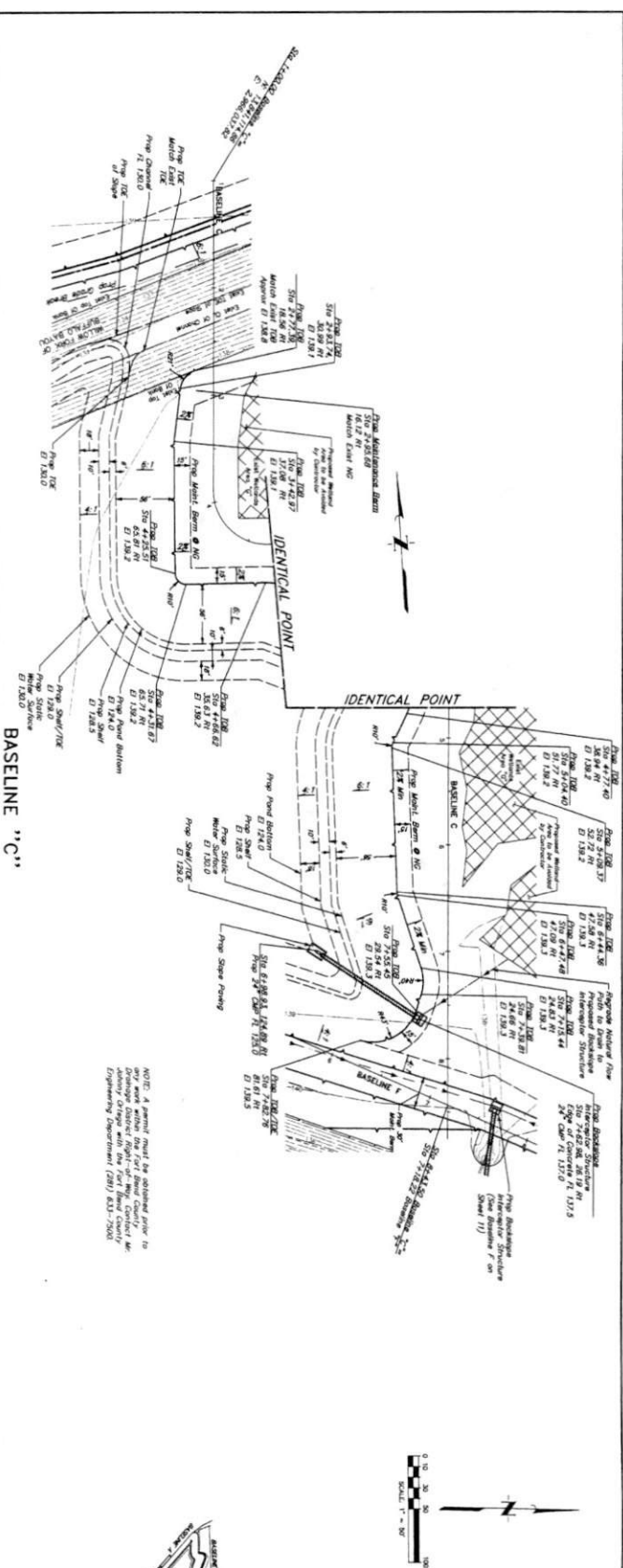
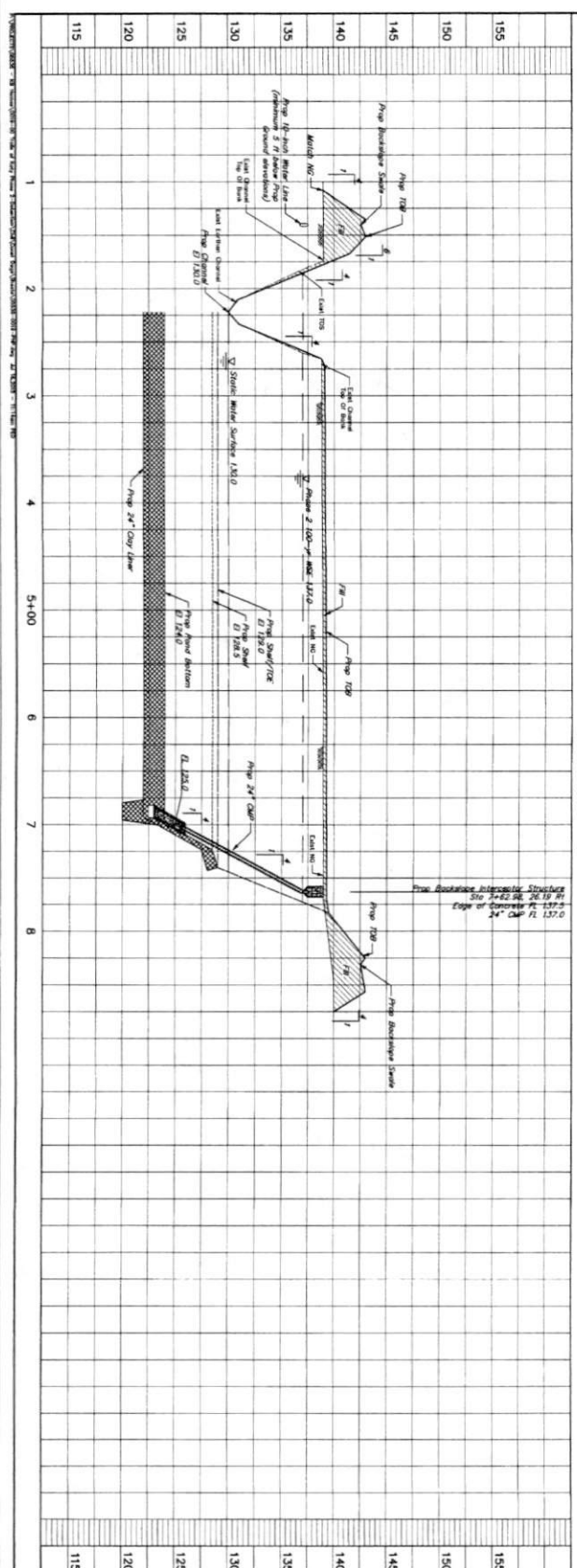
STA 1+00.00 TO 9+58.32
BASELINE B

APPROVED: *Missy Rose*
 DATE: 3/28/14

48 HOURS PRIOR TO CONSTRUCTION
 DATE: 8/11

CAUTION!
 DEPT. OF TRANSPORTATION
 DIVISION OF HIGHWAYS
 FARGO, ND 58103
 PHONE: (701) 785-1100
 FAX: (701) 785-1101
 WEBSITE: www.nd.gov

NOTE: A permit must be obtained prior to construction. Contact the City Engineer for more information. Engineering Department (CEN) 553-2500



CAUTION!
 Construction of this project is subject to the approval of the City of Detroit, Michigan, and the State of Michigan, Department of Transportation. The contractor shall be responsible for obtaining all necessary permits and approvals from the appropriate authorities.

NOTES:
 1. A permit must be obtained prior to the construction of any structure within the project area.
 2. The contractor shall be responsible for obtaining all necessary permits and approvals from the appropriate authorities.
 3. The contractor shall be responsible for obtaining all necessary permits and approvals from the appropriate authorities.

APPROVED: *Maxwell D. ...*
 DATE: 5/28/10

CONTRACT:
 48 HOURS FROM TO CONSTRUCTION

CONTRACTOR:
 J.C. JONES & CARTER, INC.
 ENGINEERS-PLANNERS-ARCHITECTS
 1000 W. WABASH AVENUE, SUITE 1100
 DETROIT, MICHIGAN 48226-3300
 PHONE: (313) 467-1100
 FAX: (313) 467-1101
 WWW: www.jcjc.com

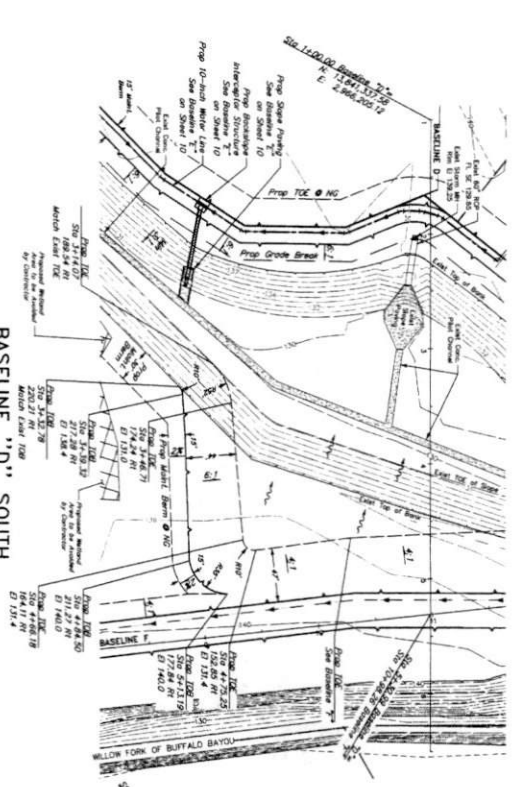
CLIENT:
 WILLOW POINT MUNICIPAL UTILITY DISTRICT
 1000 W. WABASH AVENUE, SUITE 1100
 DETROIT, MICHIGAN 48226-3300
 PHONE: (313) 467-1100
 FAX: (313) 467-1101
 WWW: www.willowpointmi.com

PROJECT:
 TRAILS OF KATY DETROIT PHASE 2
 PLAN & PROFILE
 BASELINE C
 STA 1+00.00 TO 8+75.00

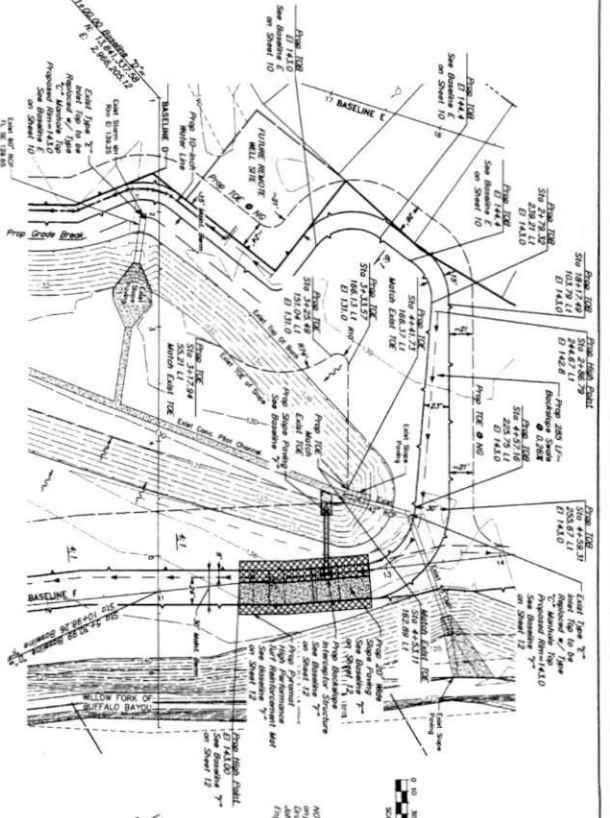
SCALE:
 1" = 40' HORIZONTAL
 1" = 10' VERTICAL

DATE: MAY 2010

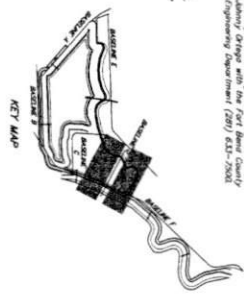
SHEET NO.: 7 OF 19



BASELINE "D" SOUTH

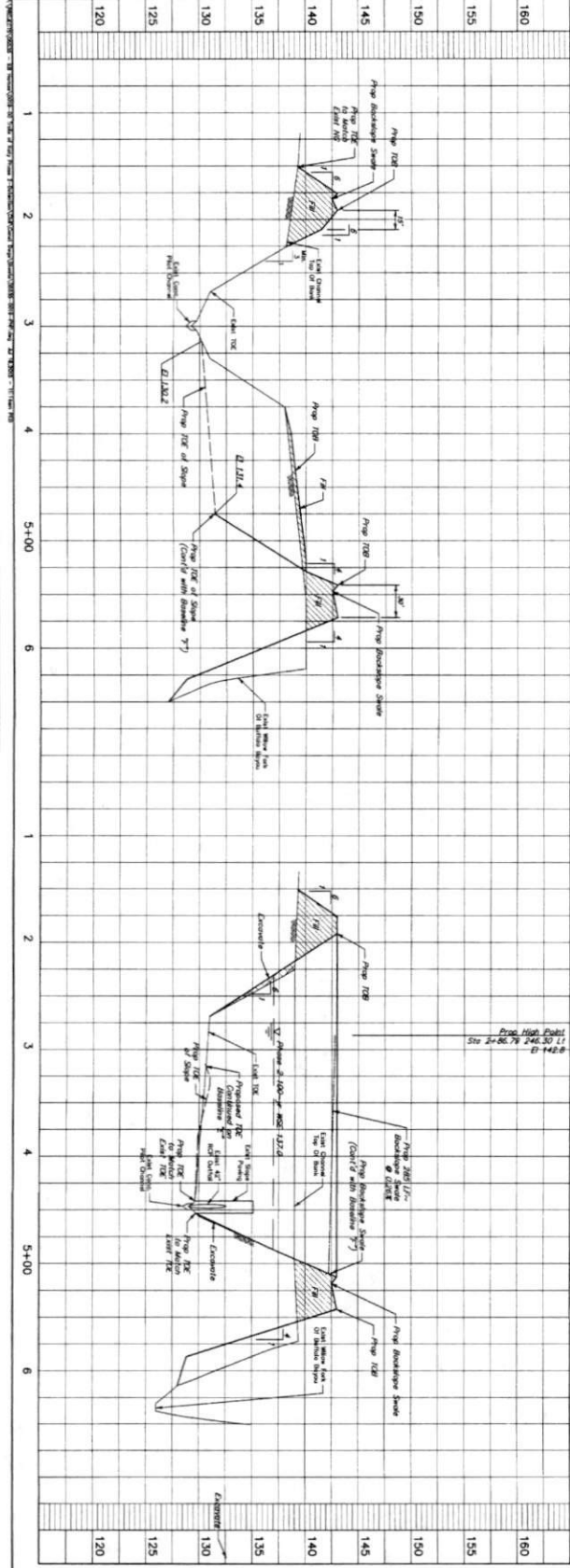


BASELINE "D" NORTH



NOTICE: A permit must be obtained prior to any excavation or other earthwork. The contractor shall be responsible for obtaining all necessary permits and for complying with all applicable laws, ordinances, rules, regulations, and orders of the proper authorities. The contractor shall be responsible for obtaining all necessary permits and for complying with all applicable laws, ordinances, rules, regulations, and orders of the proper authorities. The contractor shall be responsible for obtaining all necessary permits and for complying with all applicable laws, ordinances, rules, regulations, and orders of the proper authorities.

CONTRACTOR'S OBLIGATION: The contractor shall be responsible for obtaining all necessary permits and for complying with all applicable laws, ordinances, rules, regulations, and orders of the proper authorities. The contractor shall be responsible for obtaining all necessary permits and for complying with all applicable laws, ordinances, rules, regulations, and orders of the proper authorities.



48 HOURS PRIOR TO CONSTRUCTION

CAUTION!
DO NOT ENTER
CONSTRUCTION ACTIVITIES

APPROVED: *[Signature]*
DATE: 3/28/16

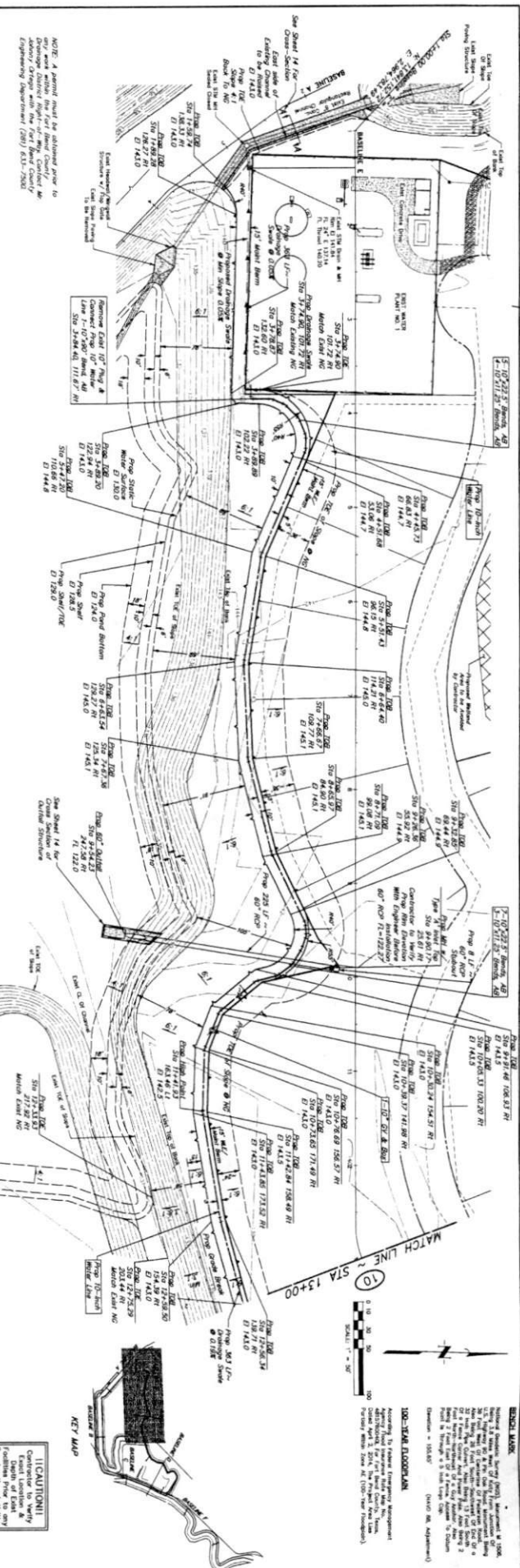
WILLOW FRONT MUNICIPAL
UTILITY DISTRICT
P.O. BOX 1000
KATY, TEXAS 77450

BASELINE D
STA 1+00.00 TO 6+50.00

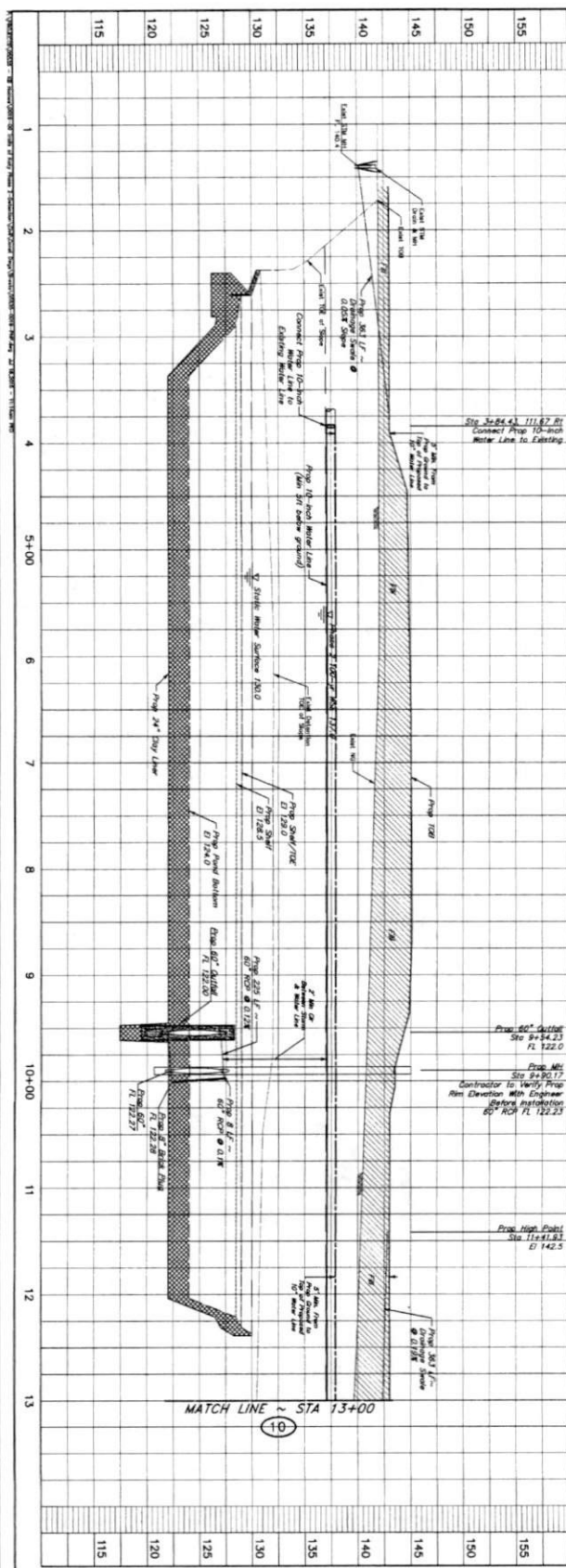
TRAFFIC OF KATY DETENTION PHASE 2

J. JONES & CARTER, INC.
ENGINEERS-PLANNERS-ARCHITECTS
10000 Katy Freeway, Suite 1000
Katy, Texas 77450
Phone: 281-463-1100
Fax: 281-463-1101

DATE: 3/28/16
SCALE: 1" = 40.00'
JOB NO.: 2015-001-00
SHEET NO.: 8
OF 13



BASELINE "E"



CONTRACTOR'S CERTIFICATION

I, the undersigned, hereby certify that I am a duly licensed Professional Engineer in the State of Florida, and that I am the author of the design shown on this drawing. I have prepared this drawing in accordance with the Florida Engineering Code of Ethics and the Florida Engineering Board's Rules and Regulations. I have not prepared this drawing in violation of any law, rule, or regulation of the State of Florida. I have not prepared this drawing in violation of any contract or agreement with any third party. I have not prepared this drawing in violation of any law, rule, or regulation of the State of Florida.

DATE: 3/28/14

APPROVED: *[Signature]*

48 HOURS FROM DATE OF CONSTRUCTION

CAUTION!

DO NOT CONSTRUCT

WILLOW POINT MUNICIPAL UTILITY DISTRICT

TRAILS OF KATY DETENTION PHASE 2

BASELINE E

STA 1+00.00 TO 13+00.00

J. JONES-CARTER, P.E.

PROFESSIONAL ENGINEER

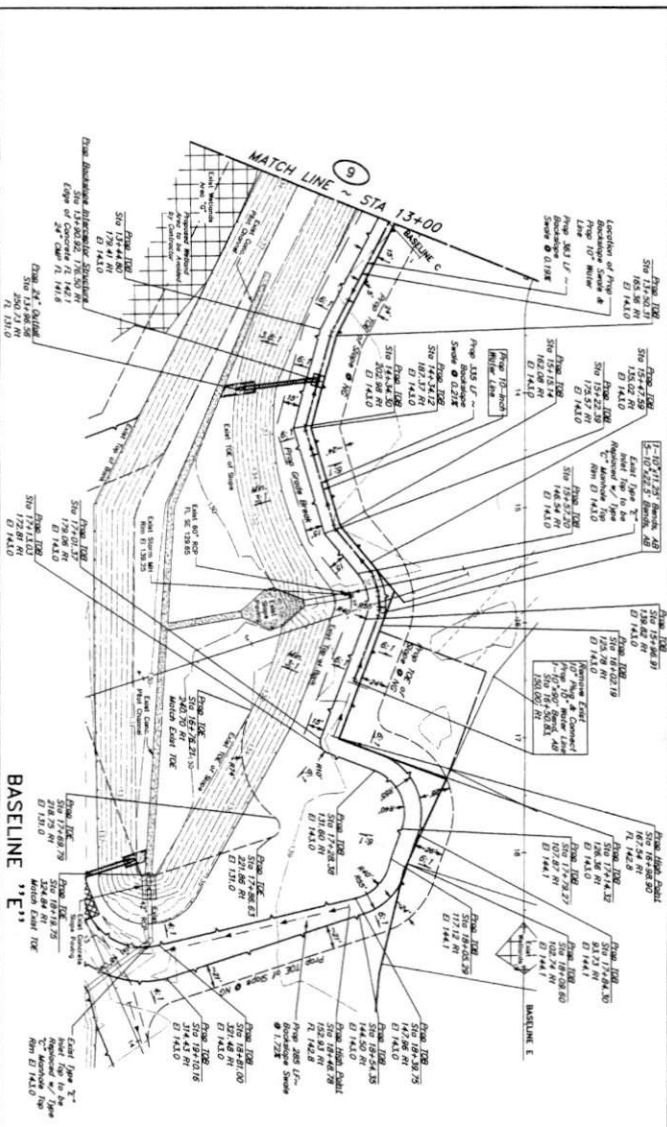
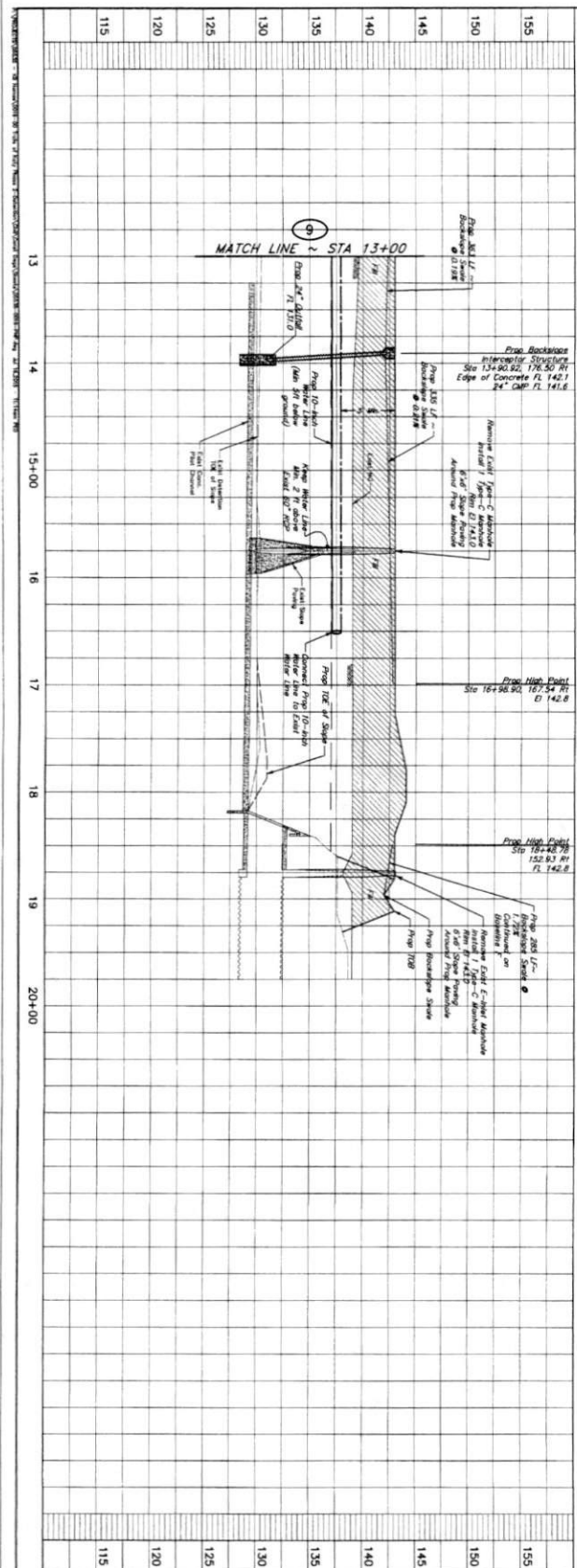
FLORIDA ENGINEERING BOARD NO. 12345

DATE: 3/28/14

SCALE: 1" = 10'

SHEET NO. 9 OF 18





NOTE: A permit must be obtained prior to any work within the first flood control detention basin. The permit must be obtained from the County Engineering Department (388) 833-7500.

APPROVED: *Michael J. DeLoach*
 DATE: 4/28/16
 CONTRACT NO. 48 HOURS FROM TO CONSTRUCTION
 CONTRACTOR: **CONSTRUCTION**
 CAUTION: DO NOT CONSTRUCTION

NO. DATE REVISION

WILLOW POINT MUNICIPAL
 FT. DUDLEY DISTRICT
 FT. DUDLEY, FLORIDA

TRIALS OF KATY DETENTION PHASE 2
 BASELINE E
 STA 13+00.00 TO 19+88.36

J.C. JONES & CARTER, P.A.
 ENGINEERS/PLANNERS/ARCHITECTS
 1000 W. UNIVERSITY BLVD., SUITE 100
 FT. DUDLEY, FLORIDA 32117-1000
 PHONE: (386) 399-1234 FAX: (386) 399-1235
 WWW: JONESANDCARTER.COM

SCALE: 1" = 30' HORIZONTAL
 DATE: MAY 2015
 JOB NO.: 2009-0001-200
 SHEET NO.: 10 OF 19

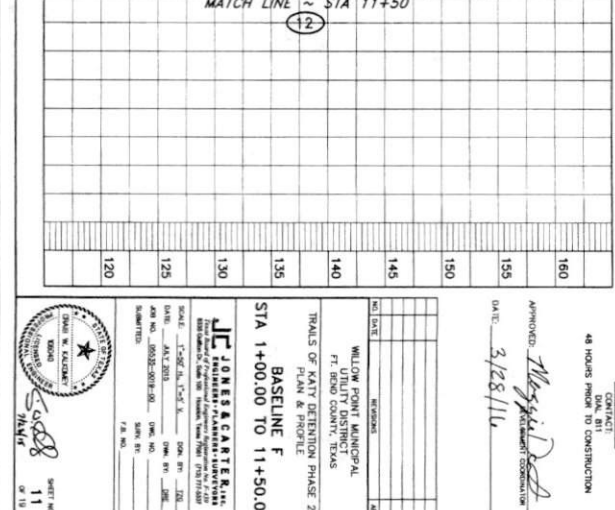
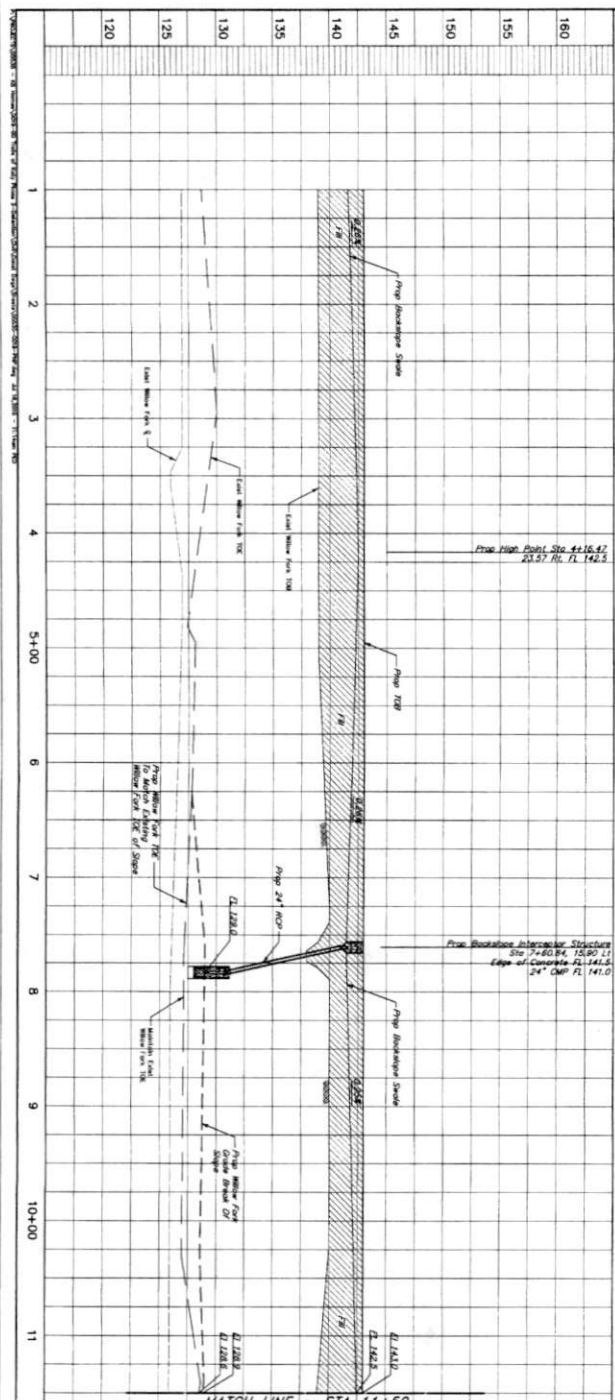
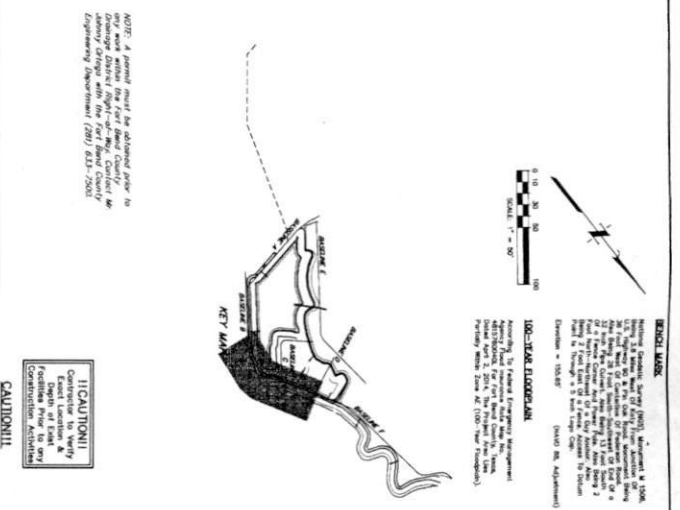
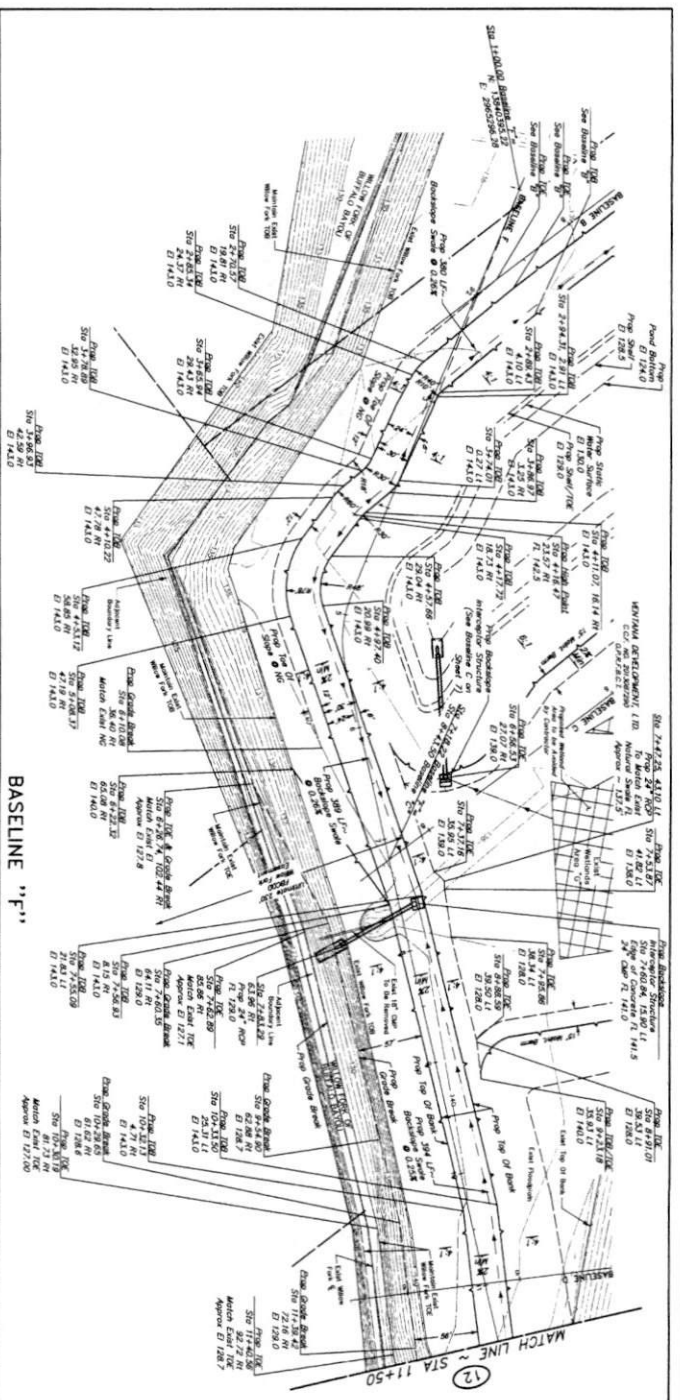
SEAL: [Professional Engineer Seal]
 STATE OF FLORIDA
 ENGINEER
 MICHAEL J. DELOACH
 12,888

SHEET NO. 10 OF 19

BOUNDARY
 The boundary of the project is shown by a dashed line. The boundary of the project is shown by a dashed line. The boundary of the project is shown by a dashed line.

100'-FEET EXPOSURE
 The 100-foot exposure is shown by a solid line. The 100-foot exposure is shown by a solid line. The 100-foot exposure is shown by a solid line.

KEY MAP
 The key map shows the location of the project within the project area. The key map shows the location of the project within the project area. The key map shows the location of the project within the project area.



NOTICE: A general note is attached prior to any work within the first three counties of the project. The contractor shall be responsible for obtaining all necessary permits and approvals from the appropriate agencies.

CAUTION: Possibilities exist for utility lines and other underground structures. The contractor shall be responsible for identifying and protecting these structures.

CONTRACT: 48 HOURS PRIOR TO CONSTRUCTION

APPROVED: *Maria De...*

DATE: 3/28/11

CONTRACTOR: J.C. JONES & COMPANY, INC.

PROJECT: WILLOW POINT MUNICIPAL FLOOD CONTROL DISTRICT
PHASE 2
TRIALS OF RAIN DETENTION PHASE 2
BASELINE F
STA 1+00.00 TO 11+50.00

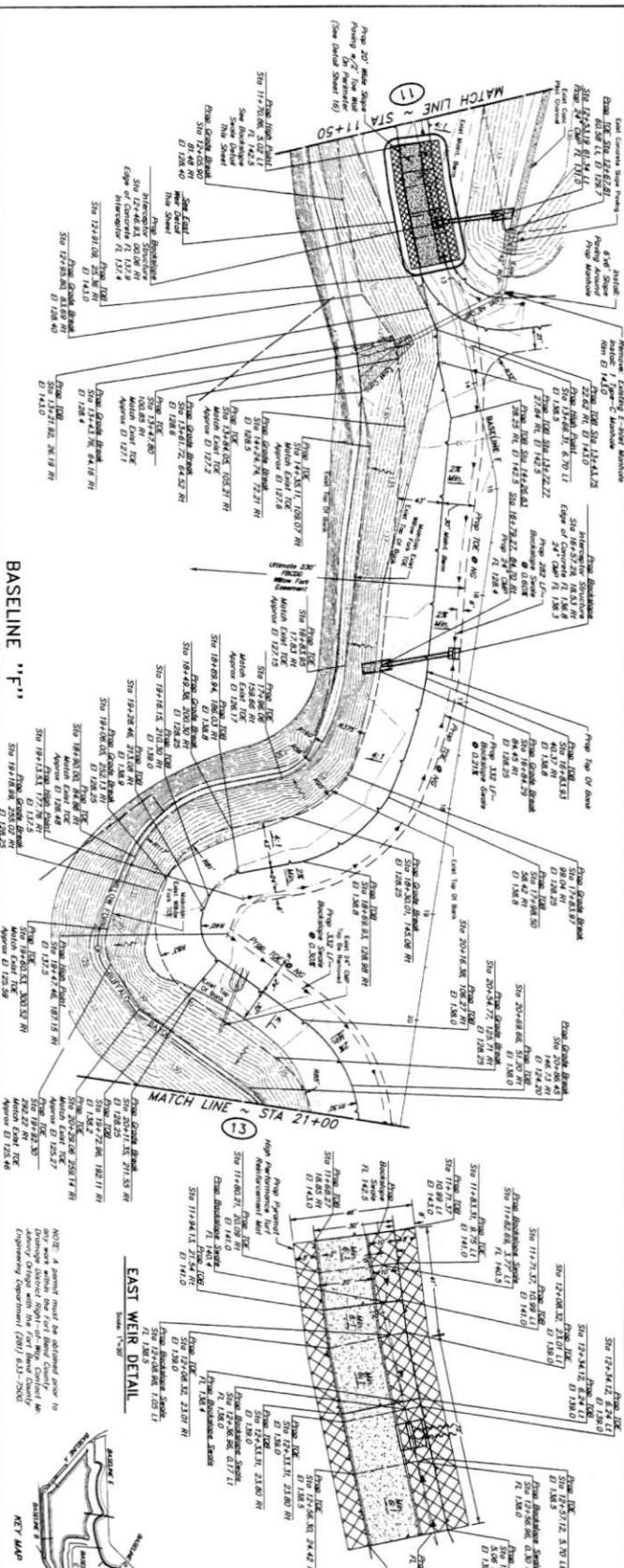
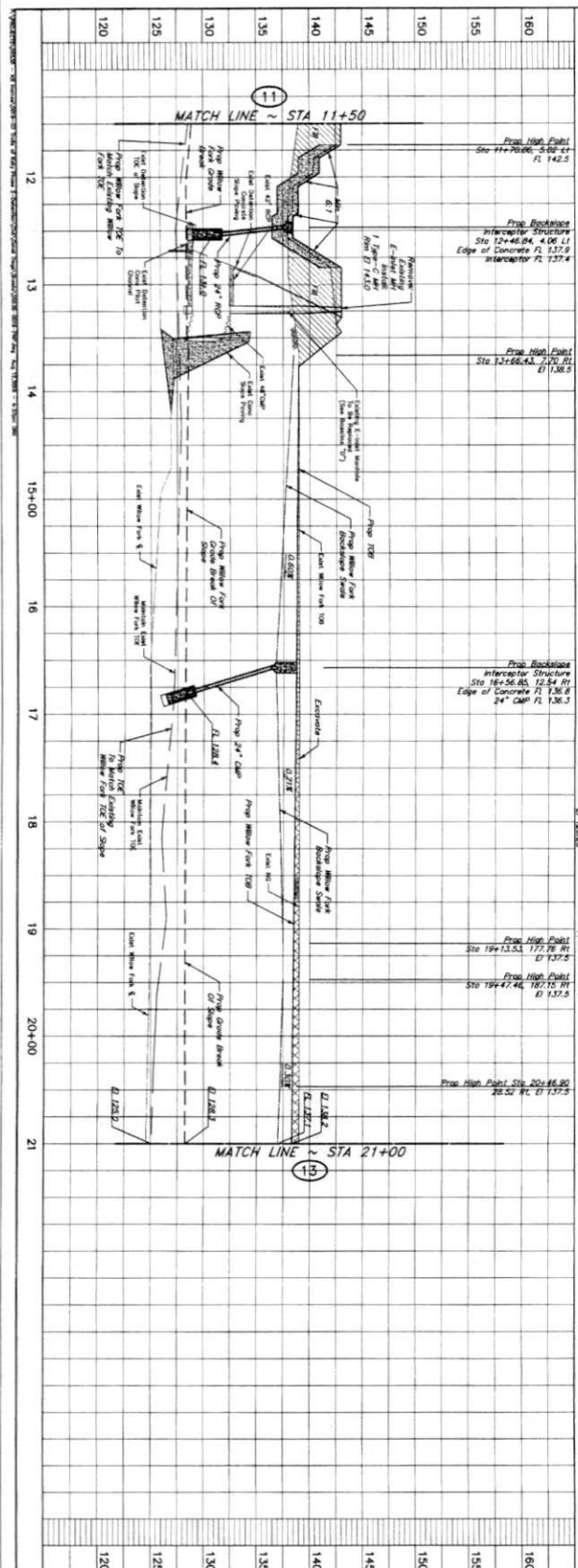
SCALE: 1" = 20'-0"

DATE: 3/28/11

BY: [Signature]

PROJECT NO.: 08032-0001-00

SHEET NO.: 11 OF 19



NOTICE: This drawing is the property of the City of Dallas and is loaned to the contractor for the purpose of construction only. It is to be used only for the project and site shown hereon. It is not to be used for any other project or site. The contractor is responsible for obtaining all necessary permits and approvals. The City of Dallas is not responsible for any errors or omissions in this drawing.

CONTRACT: 48 HOURS FROM TO CONSTRUCTION

CAUTION: CONTRACTOR TO VERIFY EXISTING CONDITIONS AND UTILITIES BEFORE CONSTRUCTION.

KEY MAP: [Map showing the location of the weir structure within the project area.]

APPROVED: [Signature]

DATE: 3/28/14

CONTRACTOR: J.C. JONES & COMPANY, INC.

PROJECT: WILLOW HIGHT MUNICIPAL FT. DINN COUNTY, TEXAS

TRIALS OF MANY REVISION PHASE 2 PLAN & PROFILE

STA 11+50.00 TO 21+00.00

BASELINE F

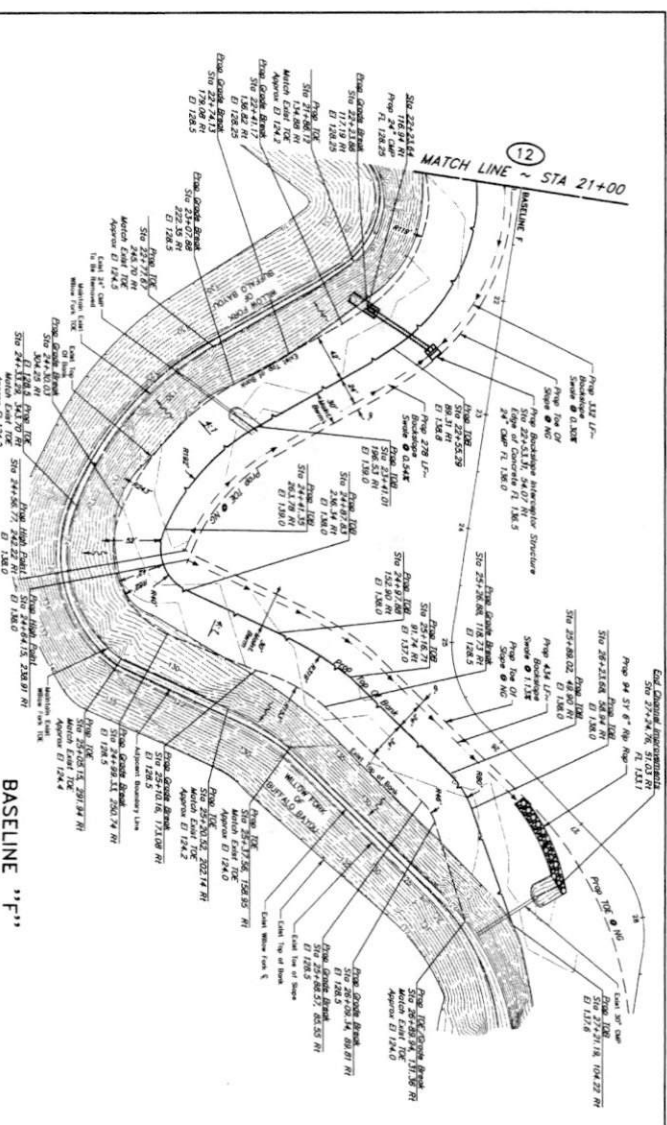
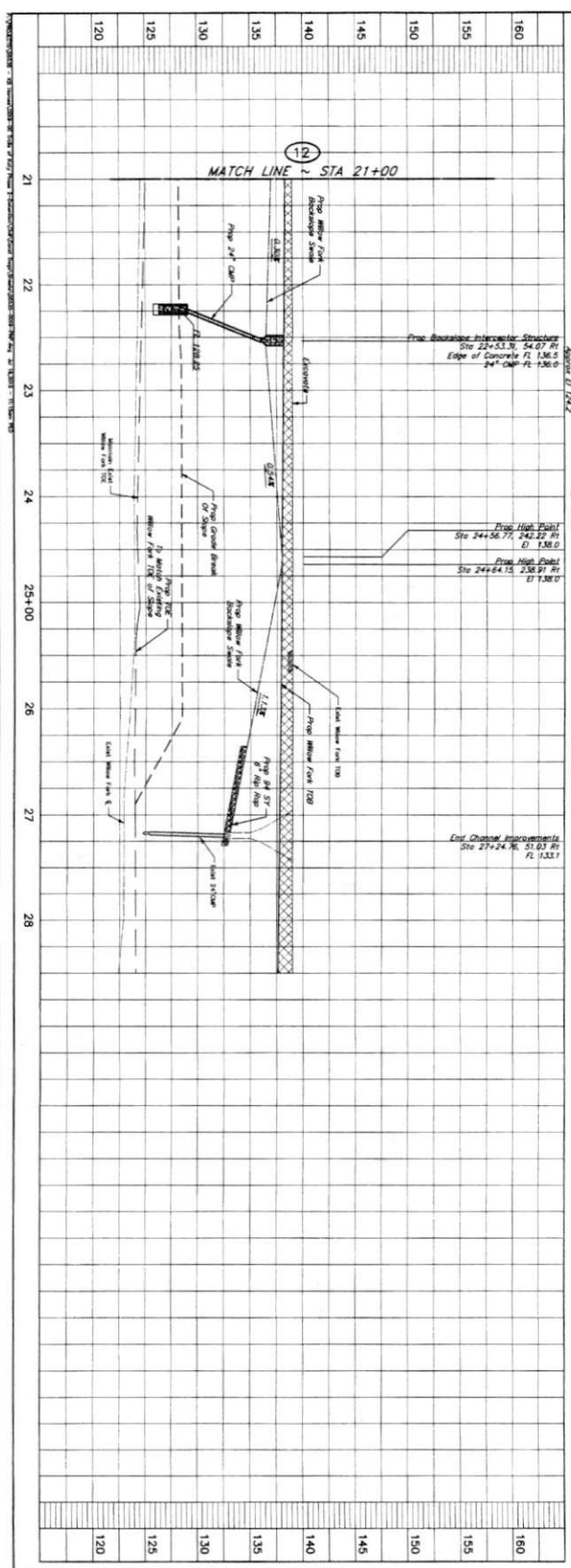
J.C. JONES & COMPANY, INC.
 4800 W. CAMPBELL ST. SUITE 100
 DALLAS, TEXAS 75243
 PHONE: (214) 350-1111
 FAX: (214) 350-1112
 WWW: www.jcjc.com

DATE: 3/28/14

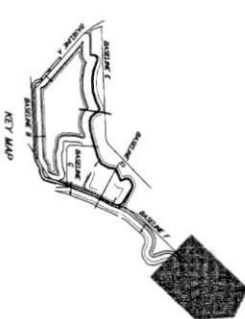
SCALE: 1" = 10'-0"

PROJECT NO.: 14115

SHEET NO.: 12 OF 19



NOTE: A general note is attached prior to any work within the Fort Bend County Drainage District right-of-way. Contact Mr. [Name] at [Phone Number] for more information. Engineering Department (281) 633-7500



100-YEAR FLOODPLAIN
 According to Federal Emergency Management Agency (FEMA) Flood Insurance Study, Fort Bend County, Texas, the 100-year floodplain is shown on the attached map. The floodplain is defined as the area that is inundated by the 100-year flood. The floodplain is shown as a shaded area on the map. The floodplain is shown as a shaded area on the map.

CAUTION!
 Construction Area
 No Entry
 No Parking
 No Stopping
 No Turning
 No U-Turning
 No Reversing
 No Backing
 No Driving
 No Walking
 No Running
 No Playing
 No Smoking
 No Drinking
 No Eating
 No Sleeping
 No Resting
 No Loitering
 No Trespassing
 No Vandalism
 No Damage
 No Theft
 No Possession
 No Distribution
 No Sale
 No Transfer
 No Exchange
 No Lease
 No License
 No Permit
 No Approval
 No Consent
 No Assent
 No Acquiescence
 No Consent
 No Assent
 No Acquiescence

APPROVED: *[Signature]*
 DATE: 3/28/16
 48 HOURS FROM TO CONSTRUCTION

WILLOW POINT MUNICIPAL
 FORT BEND COUNTY, TEXAS

TRAILS OF KATY DRAINAGE PHASE 2
 PLAN & PROFILE

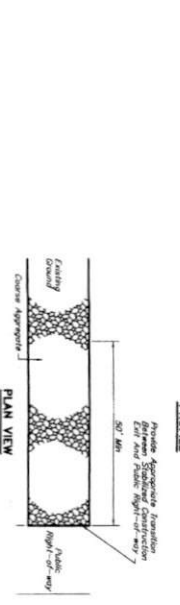
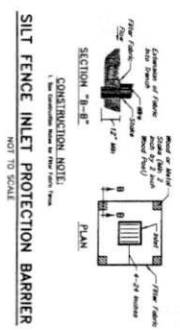
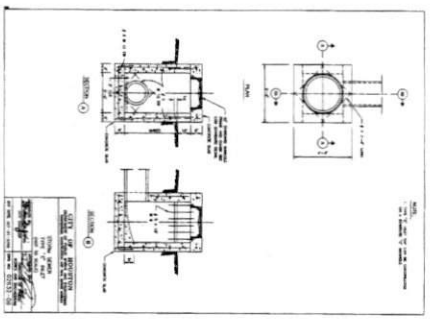
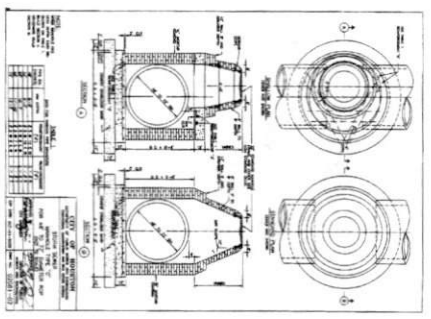
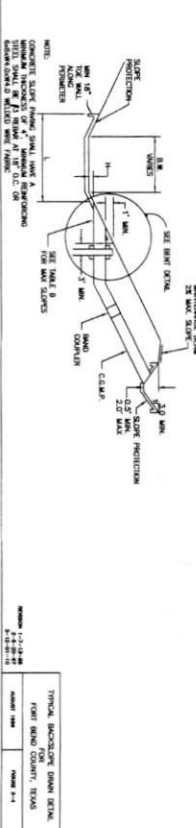
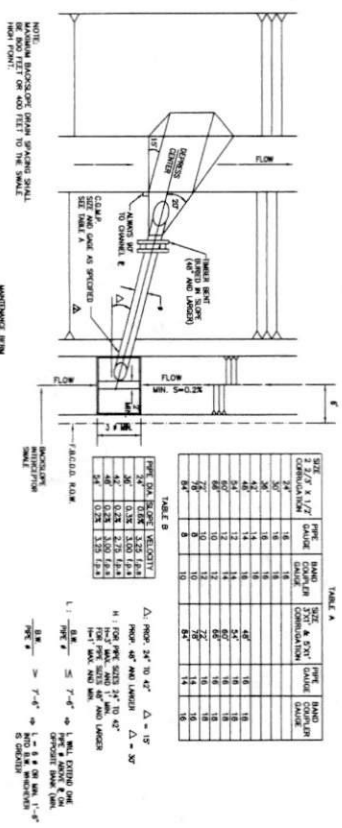
BASELINE 'F'
 STA 21+00.00 TO 28+95.03

JC JONES & CARTER, INC.
 ENGINEERS/PLANNERS/SURVEYORS
 4300 WILLOW POINT ROAD, SUITE 100
 WILLOW POINT, TEXAS 77379-1742
 PHONE: (281) 340-1111
 FAX: (281) 340-1112
 WWW: www.jcjones.com

SCALE: 1"=50' H. & V. S. DATE: 3/28/16
 DATE: JAN 2016 DATE: 3/28/16
 APP NO. 00028-2016-06 DATE: 3/28/16
 DRAWING NO. 13 SHEET NO. 13 OF 19

CHIEF ENGINEER
[Signature]
 DATE: 3/28/16

PROJECT NO. 13
SHEET NO. 13
OF 19



CONSTRUCTION NOTES:

1. Length shall be as shown on the construction drawings, but not less than 50 feet.
2. Thickness shall be not less than 8 inches.
3. Width shall be not less than full width of all points of ingress or egress.
4. Stabilization for other areas shall have the same aggregate thickness and width requirements as the stabilized construction exit, unless otherwise shown on the construction drawings.
5. Stabilized area may be removed or replaced with a thick wetting mat. An outlet shall be provided for the thick wetting mat.
6. Stabilized construction exit shall be maintained free of sediment for the duration of the project.

STABILIZED CONSTRUCTION EXIT
NOT TO SCALE

TABLE A

SIZE OF 1/2" O.D. SLOPE	PERC. SAND OR COMBINATION	PERC. SAND OR COMBINATION	PERC. SAND OR COMBINATION
24"	18	18	18
30"	18	18	18
36"	18	18	18
42"	18	18	18
48"	18	18	18
54"	18	18	18
60"	18	18	18
66"	18	18	18
72"	18	18	18
78"	18	18	18
84"	18	18	18
90"	18	18	18
96"	18	18	18
102"	18	18	18

TABLE B

PERC. SAND OR COMBINATION	PERC. SAND OR COMBINATION	PERC. SAND OR COMBINATION
24"	18	18
30"	18	18
36"	18	18
42"	18	18
48"	18	18
54"	18	18
60"	18	18
66"	18	18
72"	18	18
78"	18	18
84"	18	18
90"	18	18
96"	18	18
102"	18	18

APPROVED: *Maxwell*
DATE: 3/28/14

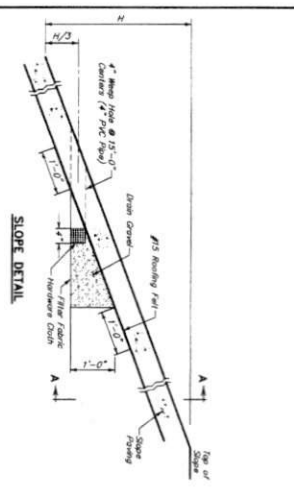
WILLOW POINT MUNICIPAL UTILITY DISTRICT
FT. BEND COUNTY, TEXAS

TRIALS OF RAINY DETENTION PHASE 2
MISCELLANEOUS DETAILS I

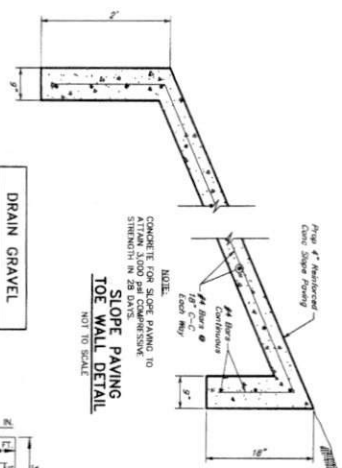
J. JONES & CARTER, INC.
ENGINEERS & ARCHITECTS
10000 W. STATE ST., SUITE 100
FORT WORTH, TEXAS 76132
TEL: 817.335.1111 FAX: 817.335.1112

SCALE: AS SHOWN
DATE: JAN 2013
JOB NO.: 09002-0001-00
SHEET NO.: 15
OF 19

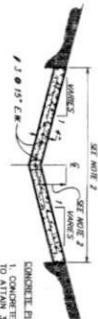
DRIVE W. L. KILGORE
SEAL
REGISTERED PROFESSIONAL ENGINEER
NO. 14445



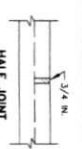
SLOPE PAVING DETAILS
NOT TO SCALE



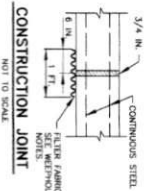
SLOPE PAVING TOE WALL DETAIL
NOT TO SCALE



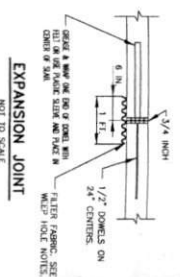
TYPICAL CONCRETE PILOT CHANNEL CROSS-SECTION
NOT TO SCALE



HALF JOINT (SLOPE ONLY) CONTROL JOINT



CONSTRUCTION JOINT
NOT TO SCALE

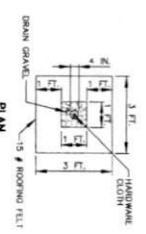


EXPANSION JOINT
NOT TO SCALE

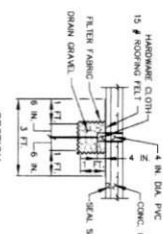
DRAIN GRAVEL	
SIEVE SIZE	% FINER
1"	100
3/4"	70-100
3/8"	20-40
No. 4	0-40
No. 8	0

FILTER FABRIC: NON-WOVEN GEOTEXTILE	
MAXIMUM OPENING SIZE	No. 50
MINIMUM TENSILE STRENGTH	No. 120
MIN. THICKNESS (INCHES)	0

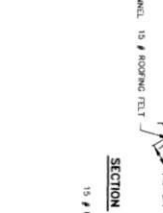
HARDWARE CLOTH	
MAX. WIDTH OF MESH OPENING	1/4"
MIN. WIDTH OF MESH OPENING	1/8"



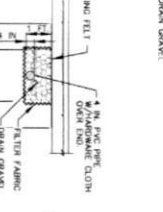
PLAN
NOT TO SCALE



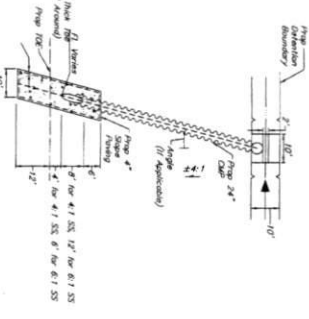
SECTION
TYPE "A" WEEP HOLE
NOT TO SCALE



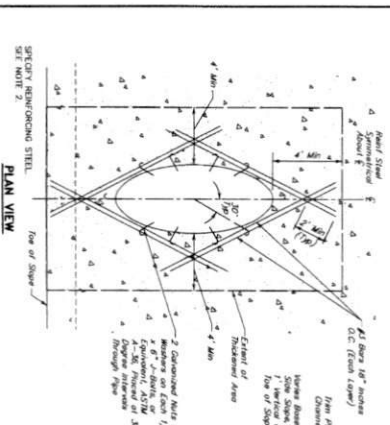
SECTION
TYPE "B" WEEP HOLE
NOT TO SCALE



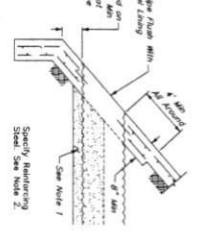
SECTION
TYPE "C" WEEP HOLE
NOT TO SCALE



BACKSLOPE OUTFALL DETAIL
SCALE: 1"=20'



PLAN VIEW
NOT TO SCALE



SECTION VIEW
NOT TO SCALE

PIPE OUTFALL DETAIL
(FOR OUTFALLS 24-42 INCH DIA.)
NOT TO SCALE

- PIPE OUTFALL NOTES:**
- CONCRETE CHANNEL SHALL BE 24\"/>

APPROVED: *Michael J. ...*
DATE: 3/28/14

WILLOW POINT MUNICIPAL
UTILITY DISTRICT
FT. WORTH, TEXAS

TRAILS OF KATY DETENTION PHASE 2
MISCELLANEOUS DETAILS II

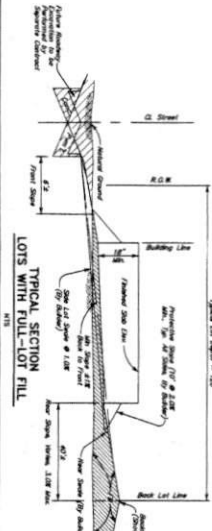
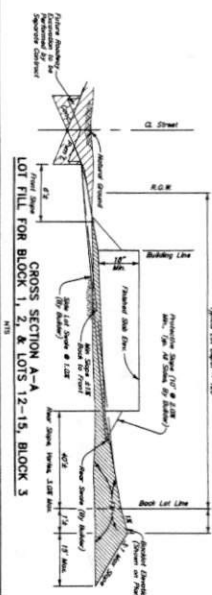
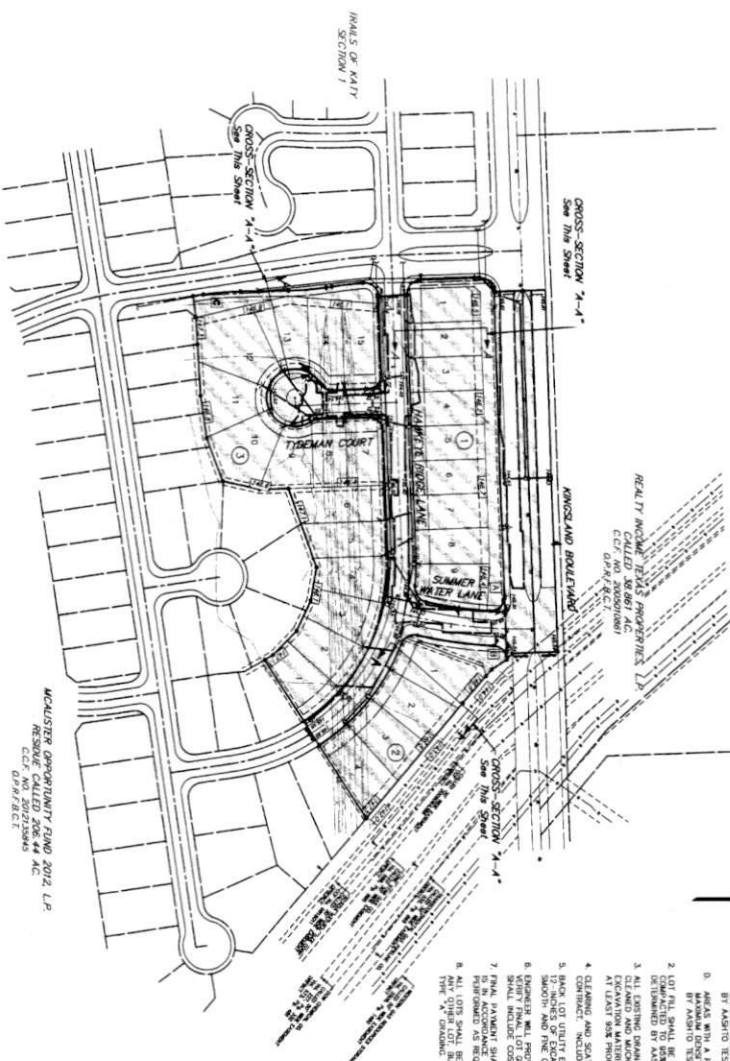
J.E. JONES & SCARTE R.L.A.
ENGINEERS-PLANNERS-ARCHITECTS
4800 GARDNER FLYING WING BLVD., SUITE 100
DALLAS, TEXAS 75246-1144
TEL: 972.382.2000 FAX: 972.382.2001
WWW.JEJONESANDSCARTE.COM

NO. DATE REVISIONS
1 3/28/14

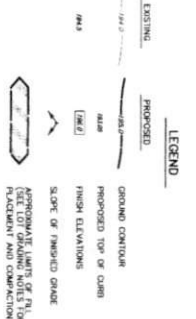
SCALE: 1"=20'

DATE: MAY 2013
JOB NO.: 08006-2013-00
SHEET NO.: 16
SHEET TOTAL: 19

DRIVE & EXHIBIT
SEAL
SILVER



- LOT GRADING NOTES:**
1. LOT AREAS THAT ARE TO RECEIVE FILL SHALL BE PREPARED AS FOLLOWS (NO SEWERAGE PAV):
 - A. AREAS THAT ARE TO RECEIVE FILL WILL BE STRIPPED TO A DEPTH OF 3" STRIPPINGS SHALL BE STOCK PILED AND THEN SPREAD EVENLY ON SURFACE OF THE AREAS.
 - B. PRIOR TO PLACEMENT OF FILL ON STRIPPED AREAS, THE CONTRACTOR SHALL PROOF ROLL SOFT AND UNDESIRABLE SOILS TO A DEPTH OF APPROXIMATE 6" TO 8" USING A ROLLER. EXCESSIVE MATERIAL AS SPECIFIED BY THE ENGINEER SHALL BE REMOVED AND THIS WITH A FOOT). EXCESSIVE MATERIAL SHALL BE REMOVED AND STOCK PILED FOR A DEPTH UP TO 1.5 FEET).
 - C. AREAS WITH A P.I. OF 20 OR LESS WILL BE COMPACTED TO AT LEAST 90% OF THE MAXIMUM DENSITY WITH A MOISTURE CONTENT OF +/- 2% OF OPTIMUM AS DETERMINED BY STANDARD TEST METHOD 1-99.
 - D. AREAS WITH A P.I. OF MORE THAN 20 WILL BE COMPACTED TO AT LEAST 90% OF THE MAXIMUM DENSITY WITH A MOISTURE CONTENT OF +/- 2% OF OPTIMUM AS DETERMINED BY STANDARD TEST METHOD 1-99.
 2. LOT FILL SHALL BE PLACED IN MAXIMUM LAYER THICKNESS OF 12" OR LESS AND DETERMINED BY STANDARD TEST METHOD 1-99.
 3. ALL EXISTING UNDESIRABLE SOILS IN THE AREAS SHALL BE STRIPPED OF ANY VEGETATION, EXCAVATION MATERIAL, IN MAXIMUM EIGHT INCH (8") LAYER THICKNESS WITH EACH LIFT COMPACTED TO AT LEAST 90% PRODUCTION DENSITY AS DETERMINED BY STANDARD TEST METHOD 1-99.
 4. CLEANING AND SCATTERED ITEMS IN AREAS DESIGNATED TO RECEIVE FILL IS INCIDENTAL TO THE CONTRACT. INCLUDE COSTS IN PRICE BID FOR LOT GRADING.
 5. TO BEAS OF EXCAVATED MATERIAL, AND SHALL BE TO BE REMOVED AND STOCK PILED TO BE LEFT SHORTEST AND FINEST GRADED.
 6. ENGINEER WILL PROVIDE APPROXIMATE BULK LOT LINE FINISH ELEVATIONS. CONTRACTOR SHALL SHALL INCLUDE COSTS IN THEIR BID FOR LOT GRADING.
 7. FINAL PAYMENT SHALL BE CONTINGENT ON THE ENGINEER'S RECOMMENDATION THAT LOT GRADING PERFORMANCE AS REQUIRED BY THE GRADING PLAN, AND THAT SOIL COMPACTION TESTS WERE PERFORMED AS REQUIRED.
 8. ALL LOTS SHALL BE GRADED SO THAT NO PORTION OF ANY LOT SHALL DRAIN ONTO OR ACROSS THE ADJACENT LOT OR STREET UNLESS OTHERWISE SPECIFIED AS OTHER THAN THE ABOVE.



100-YEAR FLOOD PLAN

THE 100-YEAR FLOOD PLAN IS BASED ON THE FLOOD DATA FOR THE WILLOW POINT MUNICIPAL UTILITY DISTRICT, FT. BEND COUNTY, TEXAS. THE 100-YEAR FLOOD PLAN IS BASED ON THE FLOOD DATA FOR THE WILLOW POINT MUNICIPAL UTILITY DISTRICT, FT. BEND COUNTY, TEXAS. THE 100-YEAR FLOOD PLAN IS BASED ON THE FLOOD DATA FOR THE WILLOW POINT MUNICIPAL UTILITY DISTRICT, FT. BEND COUNTY, TEXAS.

J.C. JONES & CARTER, INC.
 ENGINEERS-PLANNERS-ARCHITECTS
 10000 WEST 10TH STREET, SUITE 1000
 DALLAS, TEXAS 75243-1000
 PHONE: (214) 343-1000
 FAX: (214) 343-1001
 WWW: www.jcjc.com

WILLOW POINT MUNICIPAL UTILITY DISTRICT
 FT. BEND COUNTY, TEXAS
TRAILS OF KATY DETENTION PHASE 2
FILL PLAN
(1 OF 2)

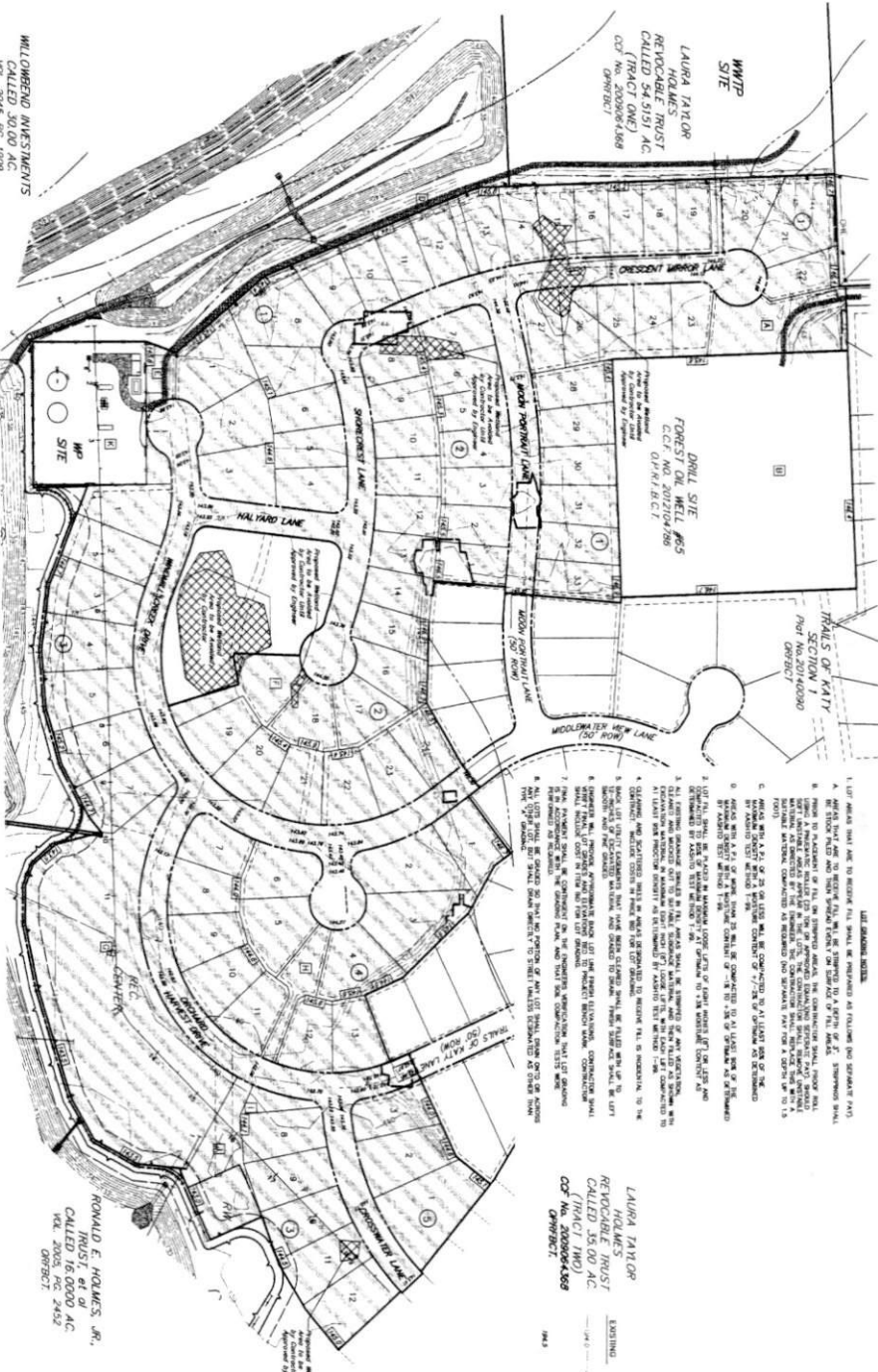
DATE: 5/28/14
 APPROVED: *Maggie D.*
 ENGINEERING CONSULTANT

NO. DATE REVISIONS

DATE: 5/28/14
 SHEET NO. 17 OF 19

WILLOWBEND INVESTMENTS
 CALLED 30.00 AC
 VOL. 2004, PG. 1909
 OBJECT

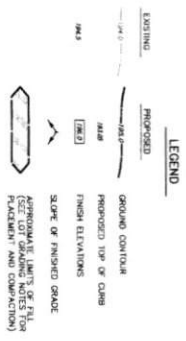
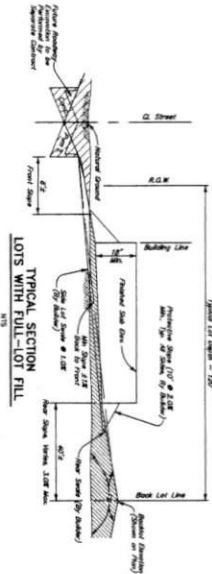
DETECTION / FLOOD PLAIN
 MITIGATION BASIN



RONALD E. HOLMES, JR.
 CALLED 16.000 AC
 VOL. 2005, PG. 2452
 OBJECT

LAURA TAYLOR
 HOLMES TRUST
 CALLED 35.00 AC
 (TRACT TWO)
 CDF No. 2009064-688
 OBJECT

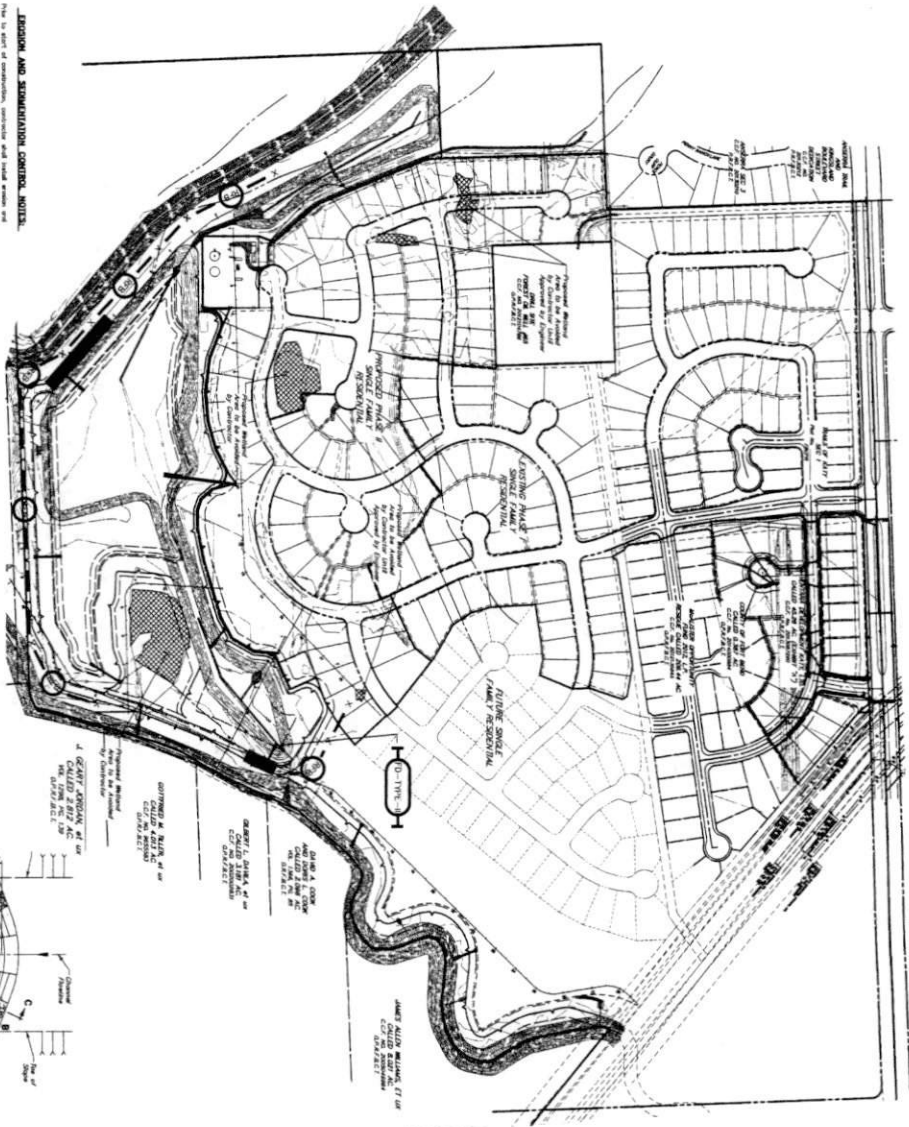
- LET BIDDING NOTES:**
1. LOT BIDDING SHALL BE TO RECEIVE FILL SHALL BE PROVIDED AS FOLLOWS (NO SPREADER PAY):
 A. APPROXIMATELY 10% OF THE TOTAL FILL SHALL BE PROVIDED BY THE STATE.
 B. FROM TO BIDDING OF FILL, ON STIPPLED AREAS, THE CONTRACTOR SHALL FURNISH AND PLACE ALL FILL MATERIAL AND SHALL BE RESPONSIBLE FOR THE CONSTRUCTION OF ALL FILL AREAS. THE CONTRACTOR SHALL FURNISH AND PLACE ALL FILL MATERIAL AND SHALL BE RESPONSIBLE FOR THE CONSTRUCTION OF ALL FILL AREAS. THE CONTRACTOR SHALL FURNISH AND PLACE ALL FILL MATERIAL AND SHALL BE RESPONSIBLE FOR THE CONSTRUCTION OF ALL FILL AREAS.
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 3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CONSTRUCTION OF ALL FILL AREAS. THE CONTRACTOR SHALL FURNISH AND PLACE ALL FILL MATERIAL AND SHALL BE RESPONSIBLE FOR THE CONSTRUCTION OF ALL FILL AREAS.
 4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CONSTRUCTION OF ALL FILL AREAS. THE CONTRACTOR SHALL FURNISH AND PLACE ALL FILL MATERIAL AND SHALL BE RESPONSIBLE FOR THE CONSTRUCTION OF ALL FILL AREAS.
 5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CONSTRUCTION OF ALL FILL AREAS. THE CONTRACTOR SHALL FURNISH AND PLACE ALL FILL MATERIAL AND SHALL BE RESPONSIBLE FOR THE CONSTRUCTION OF ALL FILL AREAS.
 6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CONSTRUCTION OF ALL FILL AREAS. THE CONTRACTOR SHALL FURNISH AND PLACE ALL FILL MATERIAL AND SHALL BE RESPONSIBLE FOR THE CONSTRUCTION OF ALL FILL AREAS.
 7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CONSTRUCTION OF ALL FILL AREAS. THE CONTRACTOR SHALL FURNISH AND PLACE ALL FILL MATERIAL AND SHALL BE RESPONSIBLE FOR THE CONSTRUCTION OF ALL FILL AREAS.
 8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CONSTRUCTION OF ALL FILL AREAS. THE CONTRACTOR SHALL FURNISH AND PLACE ALL FILL MATERIAL AND SHALL BE RESPONSIBLE FOR THE CONSTRUCTION OF ALL FILL AREAS.
 9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CONSTRUCTION OF ALL FILL AREAS. THE CONTRACTOR SHALL FURNISH AND PLACE ALL FILL MATERIAL AND SHALL BE RESPONSIBLE FOR THE CONSTRUCTION OF ALL FILL AREAS.
 10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CONSTRUCTION OF ALL FILL AREAS. THE CONTRACTOR SHALL FURNISH AND PLACE ALL FILL MATERIAL AND SHALL BE RESPONSIBLE FOR THE CONSTRUCTION OF ALL FILL AREAS.



JC JONES & CARTER, INC.
 REGISTERED PLANNERS-ENGINEERS
 1000 N. W. 10th Street, Suite 100
 Ft. Lauderdale, FL 33304
 DATE: 1-1-2012
 SCALE: 1"=50'
 SHEET NO. 18 OF 19

WILLOW POINT MUNICIPAL
 UTILITIES DISTRICT
 FT. LAUDERDALE, FL 33304
 TRAILS OF KATY DETENTION PHASE 2
 FILL PLAN
 (2 OF 2)

APPROVED: *[Signature]*
 DATE: 3/28/16

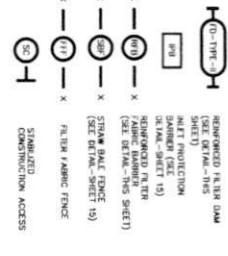
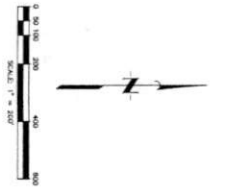
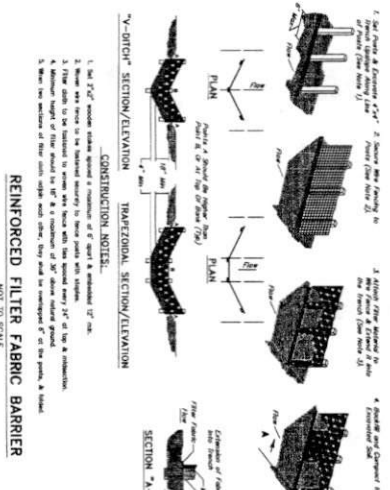
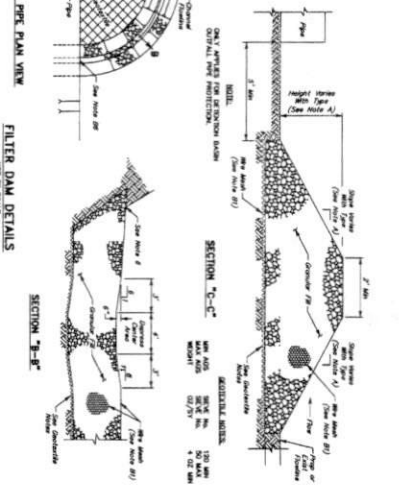
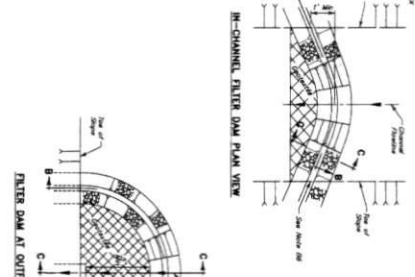


SECTION AND DEMONSTRATION CONTROL NOTES

1. This is part of construction, structure and final access and demonstration control notes.
2. Construction shall be in accordance with the approved plans and specifications.
3. Construction shall be in accordance with the approved plans and specifications.
4. Construction shall be in accordance with the approved plans and specifications.
5. Construction shall be in accordance with the approved plans and specifications.
6. Construction shall be in accordance with the approved plans and specifications.
7. Construction shall be in accordance with the approved plans and specifications.
8. Construction shall be in accordance with the approved plans and specifications.
9. Construction shall be in accordance with the approved plans and specifications.
10. Construction shall be in accordance with the approved plans and specifications.
11. Construction shall be in accordance with the approved plans and specifications.
12. Construction shall be in accordance with the approved plans and specifications.
13. Construction shall be in accordance with the approved plans and specifications.

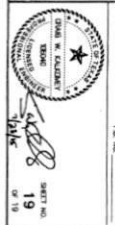
ALTER DAM NOTES

1. TYPE 1 FILTER DAM (SEE DETAIL)
2. TYPE 2 FILTER DAM (SEE DETAIL)
3. TYPE 3 FILTER DAM (SEE DETAIL)
4. TYPE 4 FILTER DAM (SEE DETAIL)
5. TYPE 5 FILTER DAM (SEE DETAIL)
6. TYPE 6 FILTER DAM (SEE DETAIL)
7. TYPE 7 FILTER DAM (SEE DETAIL)
8. TYPE 8 FILTER DAM (SEE DETAIL)
9. TYPE 9 FILTER DAM (SEE DETAIL)
10. TYPE 10 FILTER DAM (SEE DETAIL)
11. TYPE 11 FILTER DAM (SEE DETAIL)
12. TYPE 12 FILTER DAM (SEE DETAIL)
13. TYPE 13 FILTER DAM (SEE DETAIL)
14. TYPE 14 FILTER DAM (SEE DETAIL)
15. TYPE 15 FILTER DAM (SEE DETAIL)



REINFORCED FILTER FABRIC BARRIER

NOT TO SCALE



APPROVED: *[Signature]*
 DATE: 3/28/16
 PROJECT: WILLOW POINT MUNICIPAL UTILITY DISTRICT
 STORM WATER POLLUTION PREVENTION PHASE 2
 SHEET NO. 19 OF 19