

REVIEW BY FORT BEND COUNTY COMMISSIONERS COURT

On this 5th day of April, 2016, Commissioners Court came on to be heard and reviewed the accompanying notice of Reddico Constructio
 Job Location Ridgewood Estates, Fresno, TX 77545
 Date 3/1/2016 Bond No. 70127166, Permit No. 2016-5001 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 Meyus, 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. Oj
 for County Engineer

Presented to Commissioners Court and approved.

Recorded in Volume
4-05-16 12B
 Minutes of Commissioners Court

By: Mark Vogler
 Drainage District Engineer/Manager

Clerk of Commissioners Court

By: Ronda Wilkes
 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. 2016-5001

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: 70127166
Amount: \$332,000.00
Cashier's Check
- No: _____
Amount: _____
- (3) Verbal permission given for emergencies, to start construction before approved in Commissioner's Court.

Precinct Engineer Acknowledgment

Date

Precinct Commissioner Acknowledgment

Date

(4)

Drainage District Approval when applicable

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

 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 ROAD**

AUTHORIZED

BOND NO 70127166

THE STATE OF TEXAS

§

KNOW ALL MEN BY THESE PRESENTS:

COUNTY OF FORT BEND

§

THAT WE, Reddico Construction Co., Inc. whose address is 10083 Airport Road, Conroe, Texas 77303 Texas, hereinafter called the Principal, And The Guarantee Company of North America USA, a Corporation existing under and by virtue of the laws of the state of Michigan and authorized to do an indemnifying business in the state of Texas, and whose principal office is located at One Towne Square, #1470, Southfield, MI 48076, whose officer residing in the State of Texas, authorized to accept service in all suits and actions brought whining said state is Richard Sauer and Whose address is 350 Glenborough Dr., #138, Houston, TX 77067, 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 Three Hundred Thirty-two ** Dollars (\$ 332,000.00) 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.

****Thousand and No/100 Dollars**

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;

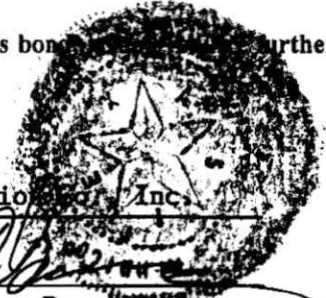
NOW, THEREFORE, if the above bounden principal shall faithfully perform all its cable, conduit and/or pole line activity (including, but not limited to the laying, construction, maintenance and/or repair of cables, conduits and/or pole lines) in, under, across and/or along roads, streets and highways, 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 12th day of January, 2016

Reddico Construction Co., Inc.
PRINCIPAL
Richard Sauer
BY Michael A. Gray, President
The Guarantee Company of North America USA
SURETY
Barry
BY Barry, Attorney-In-Fact





The Guarantee Company of North America USA
Southfield, Michigan

POWER OF ATTORNEY

KNOW ALL BY THESE PRESENTS: That **THE GUARANTEE COMPANY OF NORTH AMERICA USA**, a corporation organized and existing under the laws of the State of Michigan, having its principal office in Southfield, Michigan, does hereby constitute and appoint

Richard D. Bright, Nancy T. Berry, Steven W Berry, Kimberly J. Smith
Guaranty Insurance Services, Inc.

its true and lawful attorney(s)-in-fact to execute, seal and deliver for and on its behalf as surety, any and all bonds and undertakings, contracts of indemnity and other writings obligatory in the nature thereof, which are or may be allowed, required or permitted by law, statute, rule, regulation, contract or otherwise.

The execution of such instrument(s) in pursuance of these presents, shall be as binding upon **THE GUARANTEE COMPANY OF NORTH AMERICA USA** as fully and amply, to all intents and purposes, as if the same had been duly executed and acknowledged by its regularly elected officers at the principal office.

The Power of Attorney is executed and may be certified so, and may be revoked, pursuant to and by authority of Article IX, Section 9.03 of the By-Laws adopted by the Board of Directors of **THE GUARANTEE COMPANY OF NORTH AMERICA USA** at a meeting held on the 31st day of December, 2003. The President, or any Vice President, acting with any Secretary or Assistant Secretary, shall have power and authority:

1. To appoint Attorney(s)-in-fact, and to authorize them to execute on behalf of the Company, and attach the Seal of the Company thereto, bonds and undertakings, contracts of indemnity and other writings obligatory in the nature thereof; and
2. To revoke, at any time, any such Attorney-in-fact and revoke the authority given, except as provided below
3. 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.
4. 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.

Further, this Power of Attorney is signed and sealed by facsimile pursuant to resolution of the Board of Directors of the Company adopted at a meeting duly called and held on the 6th day of December 2011, of which the following is a true excerpt:

RESOLVED that the signature of any authorized officer and the seal of the Company may be affixed by facsimile to any Power of Attorney or certification thereof authorizing the execution and delivery of any bond, undertaking, contracts of indemnity and other writings obligatory in the nature thereof, and such signature and seal when so used shall have the same force and effect as though manually affixed.



IN WITNESS WHEREOF, **THE GUARANTEE COMPANY OF NORTH AMERICA USA** has caused this instrument to be signed and its corporate seal to be affixed by its authorized officer, this 23rd day of February, 2012.

THE GUARANTEE COMPANY OF NORTH AMERICA USA

Stephen C. Ruschak, Vice President

Randall Musselman, Secretary

STATE OF MICHIGAN
County of Oakland

On this 23rd day of February, 2012 before me came the individuals who executed the preceding instrument, to me personally known, and being by me duly sworn, said that each is the herein described and authorized officer of The Guarantee Company of North America USA; that the seal affixed to said instrument is the Corporate Seal of said Company; that the Corporate Seal and each signature were duly affixed by order of the Board of Directors of

Cynthia A. Takai
Notary Public, State of Michigan
County of Oakland
My Commission Expires February 27, 2018
Acting in Oakland County

IN WITNESS WHEREOF, I have hereunto set my hand at The Guarantee Company of North America USA offices the day and year above written.

I, Randall Musselman, Secretary of **THE GUARANTEE COMPANY OF NORTH AMERICA USA**, do hereby certify that the above and foregoing is a true and correct copy of a Power of Attorney executed by **THE GUARANTEE COMPANY OF NORTH AMERICA USA**, which is still in full force and effect.



IN WITNESS WHEREOF, I have thereunto set my hand and attached the seal of said Company this 22nd day of January, 2016.

Randall Musselman, Secretary



The Guarantee Company of North America USA
One Towne Square, Suite 1470
Southfield, Michigan 48076
Phone: 248-281-0281 Fax: 248-750-0431

Texas Consumer Notice

1 IMPORTANT NOTICE

To obtain information or make a complaint:

2 You may contact your **agent** at:

3 You may call The Guarantee Company of North America USA's toll-free telephone number for information or to make a complaint at: 1-866-328-0567

4 You may also write to The Guarantee Company of North America USA at:

One Towne Square, Suite 1470
Southfield, Michigan 48076
Web: www.gcna.com
E-mail: Info@gcna.com
Fax: 248-750-0431

5 You may contact the Texas Department of Insurance to obtain information on companies, coverages, rights or complaints at: 1-800-252-3439

6 You may write the Texas Department of Insurance:

P.O. Box 149104
Austin, TX 78714-91 04
Fax: (512) 475-1771
Web: <http://www.tdi.state.tx.us>
E-mail: ConsumerProtection@tdi.state.tx.us

7 PREMIUM OR CLAIM DISPUTES:

Should you have a dispute concerning your premium or about a claim you should contact the (agent) (company) (agent or the company) first. If the dispute is not resolved, you may contact the Texas Department of Insurance.

8 ATTACH THIS NOTICE TO YOUR POLICY:

This notice is for information only and does not become a part or condition of the attached document.

AVISO IMPORTANTE

Para obtener informacion o para someter una queja:

Puede comunicarse con su **agent** al

Usted puede llamar al numero de telefono gratis de The Guarantee Company of North America USA's para informacion o para someter una queja al: 1-866-328-0567

Usted tambien puede escribir a to The Guarantee Company of North America USA:

One Towne Square, Suite 1470
Southfield, Michigan 48076
Web: www.gcna.com
E-mail: Info@gcna.com
Fax: 248-750-0431

Puede comunicarse con el Departamento de Seguros de Texas para obtener informacion acerca de companias, coberturas, derechos o quejas al: 1 - 800-252-3439

Puede escribir al Departamento de Seguros de Texas:

P.O. Box 149104
Austin, TX 78714-91 04
Fax: (512) 475-1771
Web: <http://www.tdi.state.tx.us>
E-mail: ConsumerProtection@tdi.state.tx.us

DISPUTAS SOBRE PRIMAS O RECLAMOS:

Si tiene una disputa concerniente a su prima o a un reclamo, debe comunicarse con el (agente) (la compania) (agente o la compania) primero. Si no se resuelve la disputa, puede entonces comunicarse con el departamento (TDI).

UNA ESTE AVISO A SU POLIZA: Este aviso es solo para proposito de informacion y no se convierte en parte o condicion del documento adjunto.

FORT BEND COUNTY FRESHWATER SUPPLY DISTRICT NO. 1

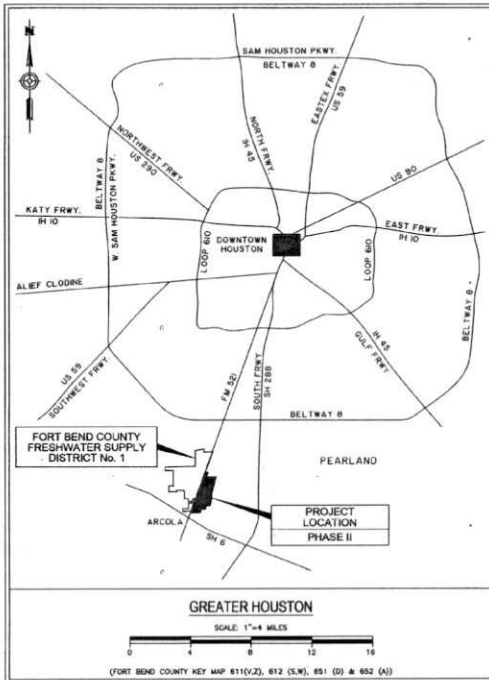
PHASE II - WATERLINE IMPROVEMENTS

(JOB NO. WHX7514)

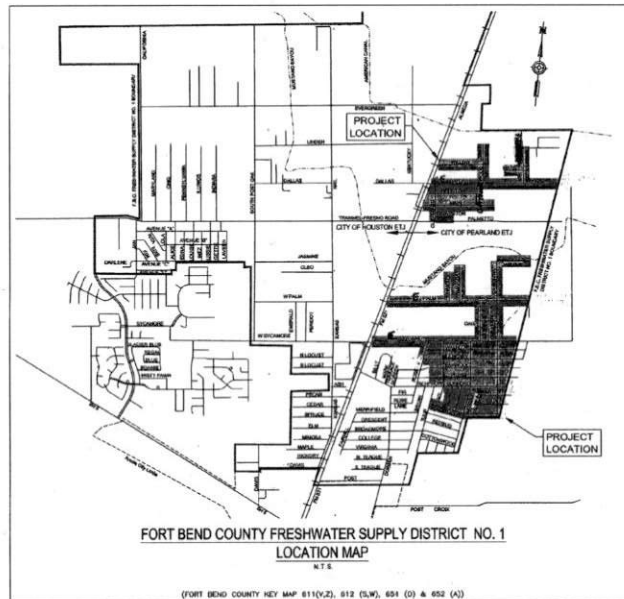
NOVEMBER, 2014



FOR BURIED UTILITY INFORMATION
TWO (2) BUSINESS DAYS
BEFORE YOU DIG CALL 811
(OR 1-800-545-9009 (texas811))
(OR 1-800-699-8344 (texas 811))
UTILITY NOTIFICATION ONE CALL
www.texas811.org
www.texas811.com





MAYOR TOM REID
COUNCIL
Position 1 Tony Carbone
Position 2 Scott Sherman
Position 3 Gary Moore
Position 4, Mayor Pro Tem Keith Ordenauer
Position 5 Greg Hill
CITY MANAGER Clay Pearson
DEPUTY CITY MANAGER Jon Branson
ASST. CITY MANAGER Trent Epperson
Interim City Engineer Richard Mancilla, PE, CFM
Director of Public Works Eric Wilson



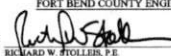

BOUNDARY LINE DIVIDING CITY OF HOUSTON ETJ AND CITY OF PEARLAND ETJ IS CENTERLINE OF FM 521 RIGHT-OF-WAY. CITY OF HOUSTON ETJ AND CITY OF PEARLAND ETJ IS TO THE WEST AND EAST OF FM 521 CENTERLINE, RESPECTIVELY.

DRAWING INDEX

SHEET NO.	SHEET TITLE	SHEET NO.	SHEET TITLE
1	G2001 - COVER SHEET	44	C2252 - LILLY STA 10+00 to 15+00
2	G2002 - GENERAL NOTES	45	C2261 - VERBENA STA 00+00 to 10+00
3	C2000 - PIPELINE NETWORK PLAN	46	C2262 - VERBENA STA 10+00 to 15+00
4	C2001 - DRAWING KEY SHEET	47	C2271 - E SYCAMORE STA 00+00 to 10+00
5	C2002 - SURVEY CONTROL PLAN (1 of 3)	48	C2272 - E SYCAMORE STA 10+00 to 20+00
6	C2003 - SURVEY CONTROL PLAN (2 of 3)	49	C2273 - E SYCAMORE STA 20+00 to 30+00
7	C2004 - SURVEY CONTROL PLAN (3 of 3)	50	C2274 - E SYCAMORE STA 30+00 to 40+00
8	C2009 - UNDERGROUND UTILITIES	51	C2275 - E SYCAMORE STA 40+00 to 49+00
9	C2101 - WILLOW STA 01+00 to 11+00	52	C2281 - ROSE STA 00+00 to 09+00
10	C2102 - WILLOW STA 11+00 to WOOD	53	C2291 - WALNUT STA 00+00 to 10+00
11	C2111 - WOOD STA 00+00 to 10+00	54	C2292 - WALNUT STA 10+00 to 20+00
12	C2112 - WOOD STA 10+00 to 19+00	55	C2293 - WALNUT STA 20+00 to 30+00
13	C2121 - MARILYN STA 00+00 to LAUREL	56	C2301 - MULBERRY STA 00+00 to 10+00
14	C2131 - LAUREL STA 00+00 to 10+00	57	C2302 - MULBERRY STA 10+00 to 20+00
15	C2132 - LAUREL STA 10+00 to 14+00	58	C2303 - MULBERRY STA 20+00 to 30+00
16	C2141 - EAST DALLAS STA 00+00 to 10+00	59	C2311 - TEAKWOOD STA 04+00 to 14+00
17	C2142 - EAST DALLAS STA 10+00 to 20+00	60	C2312 - TEAKWOOD STA 14+00 to 24+00
18	C2143 - EAST DALLAS STA 20+00 to 30+00	61	C2313 - TEAKWOOD STA 24+00 to 31+00
19	C2144 - EAST DALLAS STA 30+00 to 40+00	62	C2321 - CYPRESS STA 04+00 to 14+00
20	C2145 - EAST DALLAS STA 40+00 to 44+00	63	C2322 - CYPRESS STA 14+00 to 24+00
21	C2151 - HOUSTON STA 00+00 to 08+00	64	C2323 - CYPRESS STA 24+00 to 31+00
22	C2152 - HOUSTON STA 08+00 to 18+00	65	C2331 - RENFRO-BURFORD STA 00+00 to 9+00
23	C2153 - HOUSTON STA 18+00 to 22+00	66	C2332 - RENFRO-BURFORD STA 9+00 to 18+00
24	C2161 - MAIN STA 00+00 to 10+00	67	C2333 - RENFRO-BURFORD STA 18+00 to 23+00
25	C2162 - MAIN STA 10+00 to 20+00	68	C2341 - MISTLETOE STA 00+00 to 09+00
26	C2163 - MAIN STA 20+00 to 26+00	69	C2342 - MISTLETOE STA 09+00 to 18+00
27	C2171 - GAYNOR STA 05+00 to 11+00	70	C2343 - MISTLETOE STA 18+00 to 26+00
28	C2181 - CLEVELAND STA 00+00 to 11+00	71	C2351 - GARDENIA STA 00+00 to 09+00
29	C2191 - GALVESTON STA 00+00 to 14+00	72	C2361 - CAMELIA STA 00+00 to 10+00
30	C2201 - EAST PALM STA 00+00 to 10+00	73	C2371 - LILLY STA 00+00 to 10+00
31	C2202 - EAST PALM STA 10+00 to 20+00	74	C2381 - MYRTLE STA 00+00 to 10+00
32	C2203 - EAST PALM STA 20+00 to 30+00	75	C2391 - MAPLE STA 00+00 to 10+00
33	C2204 - EAST PALM STA 30+00 to 40+00	76	C2401 - REDWOOD STA 06+00 to 14+00
34	C2205 - EAST PALM STA 40+00 to 48+00	77	C2402 - REDWOOD STA 14+00 to 21+00
35	C2211 - HAMID STA 00+00.00 to 10+00.00	78	CD2901 - WATER DETAILS (1 of 2)
36	C2212 - HAMID STA 10+00.00 to 12+00.00	79	CD2902 - WATER DETAILS (2 of 2)
37	C2221 - MARZIA STA 00+00 to 10+00	80	CD2903 - MISC. DETAILS
38	C2222 - MARZIA STA 10+00 to 14+00	81	SWPPP01 - SWPPP DETAILS
39	C2231 - VERMONT STA 00+00 to 10+00	82	SWPPP02 - SWPPP LAYOUT (1 of 3)
40	C2232 - VERMONT STA 10+00 to 20+00	83	SWPPP03 - SWPPP LAYOUT (2 of 3)
41	C2233 - VERMONT STA 20+00 to 29+00	84	SWPPP04 - SWPPP LAYOUT (3 of 3)
42	C2241 - JASMINE STA 00+00 to 07+00	85	TCP01 - TRAFFIC CONTROL PLAN (1 of 2)
43	C2251 - LILLY STA 00+00 to 10+00	86	TCP02 - TRAFFIC CONTROL PLAN (2 of 2)

SUBMITTED BY:  DATE: 02/01/15
APPROVED BY:  DATE: 3/30/15
City of Pearland Engineering Department

JACOBS
5995 RODGERDALE ROAD
HOUSTON, TX 77072
PHONE: 832.351.6000
TEXAS FIRM NO. F-2966

FORT BEND COUNTY ENGINEER
ENGINEER:  RICHARD W. STOLLER, P.E.
DATE: 4/1/15
THESE SIGNATURES ARE VOID IF CONSTRUCTION HAS NOT COMMENCED IN ONE (1) YEAR FROM DATE OF APPROVAL.
APPROVED:  DEVELOPMENT COORDINATOR
DATE: 4/1/15

FORT BEND COUNTY FRESHWATER SUPPLY DISTRICT NO. 1 - PHASE II - WATERLINE IMPROVEMENTS

GENERAL CONSTRUCTION NOTES:

- 1. THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGE TO THE EXISTING PUBLIC OR PRIVATE UTILITY LINES... 2. THE CONTRACTOR SHALL NOTIFY THE FOLLOWING AT LEAST 48 HOURS PRIOR TO BEGINNING CONSTRUCTION...

- 3. EXISTING UTILITY INFORMATION SHOWN IS NOT GUARANTEED TO BE ACCURATE AND ALL INCLUSIVE... 4. ANY DAMAGE TO ANY OF THE EXISTING PAVEMENT AND/OR UTILITIES MUST BE REPAIRED IMMEDIATELY... 5. THE CONTRACTOR, ON BEHALF OF THE OWNER, IS TO OBTAIN ALL PERMITS REQUIRED BY CITY OF PEARLAND AND FORT BEND COUNTY PRIOR TO STARTING CONSTRUCTION OF UTILITIES...

SPECIAL TRENCH BACKFILL NOTE:

- 1. ALL TRENCH BACKFILL FOR WATERLINE AND CULVERTS SHALL BE COMPACTED TO AT LEAST 98% OF MAXIMUM DENSITY PER ASTM D-2922...

WATERLINE CONSTRUCTION NOTES:

- 1. WATERLINES WITHIN THE CITY OF PEARLAND'S ETJ SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF PEARLAND, DEPARTMENT OF PUBLIC WORKS AND ENGINEERING'S STANDARD CONSTRUCTION SPECIFICATIONS... 2. ALL WATERLINES, AFTER INSTALLATION, SHALL BE THOROUGHLY INSPECTED ACCORDING TO ANWA SPECIFICATION C-65...

WATERLINE CONSTRUCTION NOTES (CONTINUED):

- 9. WATERLINE TRENCHES UNDER PAVEMENT OR WITHIN ONE FOOT OF PROPOSED CURBS SHALL BE BACKFILLED WITH CEMENT STABILIZED SAND... 10. CENTERS OF FIRE HYDRANT TO BE LOCATED 3'-0" FROM EDGE OF RIGHT-OF-WAY... 11. WATERLINE SHALL BE CONSTRUCTED SUCH THAT ALL CROSSINGS AND TEES WILL NOT BE LOCATED UNDER PROPOSED OR FUTURE PAVING...

STREET, BRIDGE AND RIGHT-OF-WAY NOTES:

- 1. EXISTING PAVEMENTS, CURBS, SIDEWALKS, AND DRIVEWAYS DAMAGED OR REMOVED DURING CONSTRUCTION SHALL BE REPLACED TO FORT BEND COUNTY AND TxDOT STANDARDS, WHERE APPLICABLE... 2. CONDITION OF THE ROAD AND/OR RIGHT-OF-WAY, UPON COMPLETION OF THE JOB, SHALL BE AS GOOD OR BETTER THAN THE CONDITION PRIOR TO STARTING WORK...

AT&T/SWBT NOTES:

- 1. THE LOCATIONS OF AT&T/SWBT FACILITIES ARE SHOWN IN APPROXIMATE WAY ONLY... 2. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION BEFORE COMMENCING WORK... 3. THE CONTRACTOR AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY THIS FAILURE TO EXACTLY LOCATE PRESERVE THESE UNDERGROUND UTILITIES...

CENTERPOINT ENERGY NOTES:

CAUTION UNDERGROUND GAS FACILITIES:

- 1. LOCATIONS OF CENTERPOINT ENERGY MAIN LINES (TO INCLUDE CENTERPOINT ENERGY, INTRASTATE PIPELINE INC. WHERE APPLICABLE) ARE SHOWN IN AN APPROXIMATE LOCATION ONLY... 2. WHEN EXCAVATING WITHIN EIGHTEEN (18') INCHES OF THE INDICATED LOCATION OF CENTERPOINT ENERGY FACILITIES... 3. WHEN EXCAVATING NEAR TELEPHONE POLES THE CONTRACTOR SHALL BRACE THE POLE FOR SUPPORT...

WARNING: OVERHEAD ELECTRICAL FACILITIES:

- 1. OVERHEAD LINES MAY EXIST ON THE PROPERTY. WE HAVE NOT ATTEMPTED TO MARK THOSE LINES SINCE THEY ARE CLEARLY VISIBLE, BUT YOU SHOULD LOCATE THEM PRIOR TO BEGINNING ANY CONSTRUCTION... 2. THE CONTRACTOR IS FULLY RESPONSIBLE FOR ANY DAMAGES CAUSED BY THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE THESE UNDERGROUND FACILITIES.

ACTIVITIES ON OR ACROSS CENTERPOINT ENERGY FEES OR BASEMENT PROPERTY NO ATTEMPT TO USE, CROSS OR REMOVE CENTERPOINT FEES OR BASEMENT PROPERTY IS UNLAWFUL. IF YOU NEED TO USE CENTERPOINT PROPERTY, PLEASE CONTACT THE SUPERVISOR AT 713-227-6246 OR 713-227-5766.

TRAFFIC NOTES:

- 1. CONTRACTOR SHALL PROVIDE AND INSTALL TRAFFIC CONTROL DEVICES IN CONFORMANCE WITH PART VI OF THE TEXAS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES... 2. NO LANES SHALL BE CLOSED DURING THE HOURS OF 7:00 A.M. TO 9:00 A.M. AND 4:00 P.M. TO 8:00 P.M. (MONDAY THROUGH FRIDAY)... 3. CONTRACTOR SHALL MAINTAIN ONE LANE OF TRAFFIC IN EACH DIRECTION DURING WORKING HOURS...

STORM SEWER CONSTRUCTION NOTES:

- 1. STORM SEWER SHALL BE REINFORCED CONCRETE PIPE (12" CLASS III) AND SHALL BE INSTALLED, BEDDED, AND BACKFILLED IN ACCORDANCE WITH THE CITY OF PEARLAND STANDARDS... 2. ALL STORM SEWER CONSTRUCTED IN SKEWLOT EASEMENT SHALL BE RCP (12" CLASS III) AND SHALL BE BEDDED IN ACCORDANCE WITH THE CITY OF PEARLAND STANDARDS... 3. ALL SEWER UNDER PROPOSED OR FUTURE PAVEMENT AND TO A POINT ONE (1) FOOT BACK OF ALL PROPOSED OR FUTURE CURBS SHALL BE BACKFILLED WITH 1/2 SACK CEMENT/CY STABILIZED SAND...

CONTRACTOR SHALL CONTACT FORT BEND COUNTY AT JOHNNY.ORTEGA@FORTBENDCOUNTYTX.GOV TO OBTAIN COUNTY PERMIT FOR WORK WITHIN THE COUNTY RIGHT-OF-WAY.

811 FOR BURIED UTILITY INFORMATION TWO (2) BUSINESS DAYS BEFORE YOU DIG CALL 811 (OR 1-800-645-6006 Texas 811) (OR 1-800-668-6344 Lone Star 811) UTILITY NOTIFICATION ONE CALL www.onecall1.com

PROJECT BENCHMARK: NG5 DESIGNATED M 668... CONTRACTOR SHALL ADHERE BY EDWARDS AND KUTNER TO THE CONTRACT DRAWINGS AND MAINTAIN RECORD DRAWINGS.

TO ARRANGE FOR LINES TO BE TURNED OFF OR MOVED, CALL CENTERPOINT ENERGY AT 713-207-2222. NOTICE: For your safety, you are required by Texas Law to call 811 at least 48 hours before you dig... VERIFICATION OF PRIVATE UTILITY LINES. Signatures and dates for verification.

Table with columns: DATE, DATE, DATE, DATE, DATE, DATE, DATE, DATE, DATE, DATE. All cells are empty.

Table with columns: NO., DESCRIPTION, DATE, QTY., UNIT, CHK. All cells are empty.

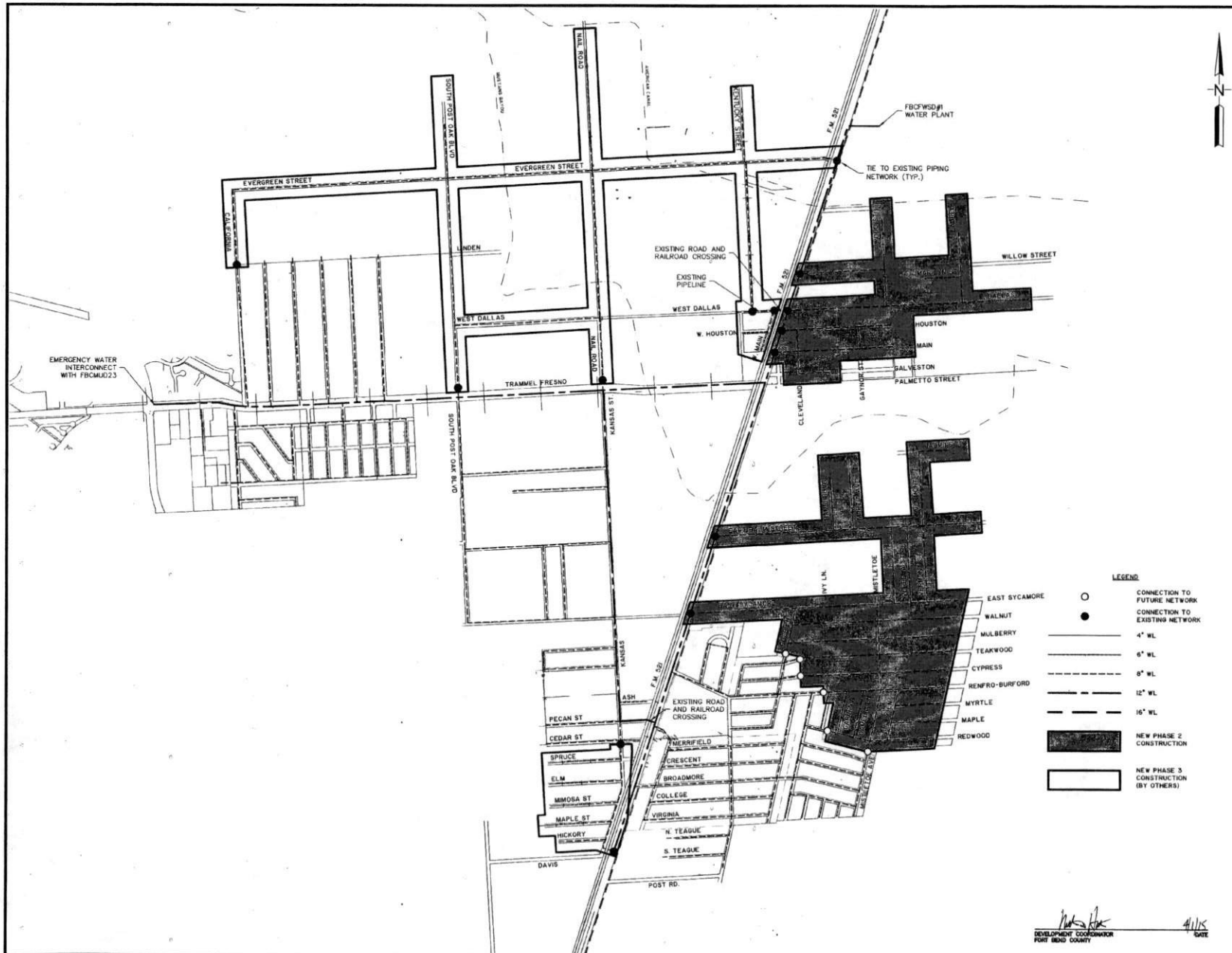
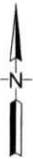
JACOBS logo and contact information: 5990 ROCKDALE ROAD HOUSTON, TEXAS 77072 PHONE 281.361.6000

PEARLAND logo and project details: FORT BEND COUNTY FRESHWATER SUPPLY DISTRICT NO. 1 PHASE B - WATERLINE IMPROVEMENTS

GENERAL NOTES section with project number 160240714, date APR 2017, and sheet number 2 OF 85.

811 FOR BURIED UTILITY INFORMATION
 TWO (2) BUSINESS DAYS
 BEFORE YOU DIG CALL 811
 (OR 1-800-545-0055 TxDOT 811)
 (OR 1-800-668-8344 Love Star 811)
 UTILITY INFORMATION ONE CALL
 www.onecall11.org
 www.811.com

PROJECT BENCHMARK:
 NGS DESIGNATED M 608
 DATA FOUND IN TOP AND APPROXIMATELY 18 FEET EAST OF
 WEST END OF SOUTH CONCRETE REARWALL OF AN 80 PIPE
 CULVERT UNDER STATE ROUTE 888, AT JUNCTION OF DALLAS
 ROAD EAST APPROXIMATELY 39 FEET EAST OF THE
 CENTERLINE OF STATE ROUTE 888 AND 13 FEET SOUTH OF THE
 CENTERLINE OF DALLAS RD.
 ELEVATION TO 70 FEET (NAVD 88)



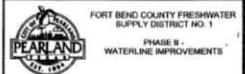
LEGEND

- CONNECTION TO FUTURE NETWORK
- CONNECTION TO EXISTING NETWORK
- 4" WL
- - - 6" WL
- 8" WL
- - - - 12" WL
- · — 16" WL
- NEW PHASE 2 CONSTRUCTION
- NEW PHASE 3 CONSTRUCTION (BY OTHERS)

MC DESCRIPTION	DATE	ENH.	CHK.



JACOBS
 6866 ROGERSDALE ROAD
 HOUSTON, TEXAS 77072
 HANX 823.2416266



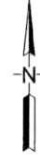
FORT BEND COUNTY FRESHWATER
 SUPPLY DISTRICT NO. 1
 PHASE II
 WATERLINE IMPROVEMENTS

4/15
 DATE
 DEVELOPMENT COORDINATOR
 FORT BEND COUNTY

PROJECT NO. WH-Q21514	DATE: APR. 2014	SHEET NO. 3
SCALE: AS SHOWN	C2000	OF 95

DATE PLOTTED: 04/23/2014 10:38:25 AM
 FILE: C:\WORK\2014\04\23\140423_01_PIPENETWORK_SHEET.dwg
 PLOTTER: HP DesignJet 5000 PS

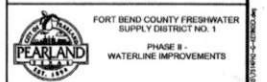
811
 FOR BURIED UTILITY INFORMATION
 TWO (2) BUSINESS DAYS
 BEFORE YOU DIG CALL 811
 (OR 1-800-545-6005 Texas 811)
 (OR 1-800-666-8344 Lone Star 811)
 UTILITY INFORMATION ONE CALL
 www.texas811.org
 www.konestar811.com



NO.	DESCRIPTION	DATE	DWN.	CHK.



JACOBS
 8695 RODGERSDALE ROAD
 HOUSTON, TEXAS 77072



FORT BEND COUNTY FRESHWATER SUPPLY DISTRICT NO. 1
 PHASE B - WATERLINE IMPROVEMENTS

DRAWING KEY SHEET

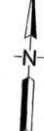
PROJECT NO: WH00-07514	SCALE: 1" = 500'	SHEET
DATE: APRIL 2014	DRAWN BY: V. NGA	4
DESIGN: M. GOSSETTE	CHECKED BY: J. APPLIGATE	OF 08
DESIGNED BY: D. SMITH	DATE: 4/15	



FOR BURIED UTILITY INFORMATION
TWO (2) BUSINESS DAYS
BEFORE YOU DIG CALL 811
(OR 1-800-445-0005 Texas811)
(OR 1-800-666-8344 Lone Star 811)
UTILITY NOTIFICATION ONE CALL
www.texas811.org
www.lonestar811.com

PROJECT BENCHMARK:
NCS DESIGNATED M 868
DIMS FOUND ON TOP AND APPROXIMATELY 18 FEET EAST OF
WEST END OF SOUTH CONCRETE HEADWALL OF AN 8" PIPE
CULVERT UNDER STATE ROUTE 286 AT JUNCTION OF DALLAS
ROAD EAST APPROXIMATELY 39 FEET EAST OF THE
CENTERLINE OF STATE ROUTE 286 AND 15 FEET SOUTH OF THE
CENTERLINE OF DALLAS RD
ELEVATION TO FEET (MAYD 98)

F.B.C. FRESHWATER SUPPLY DISTRICT NO. 1
BOUNDARY



SHEET KEY
(FBCFWSDFB-1 PHASE 2)

NO.	DESCRIPTION	DATE	ENGR.	CHK.

DAVID CHARLES STEVANIC
TEXAS REGISTRATION NO. 17533

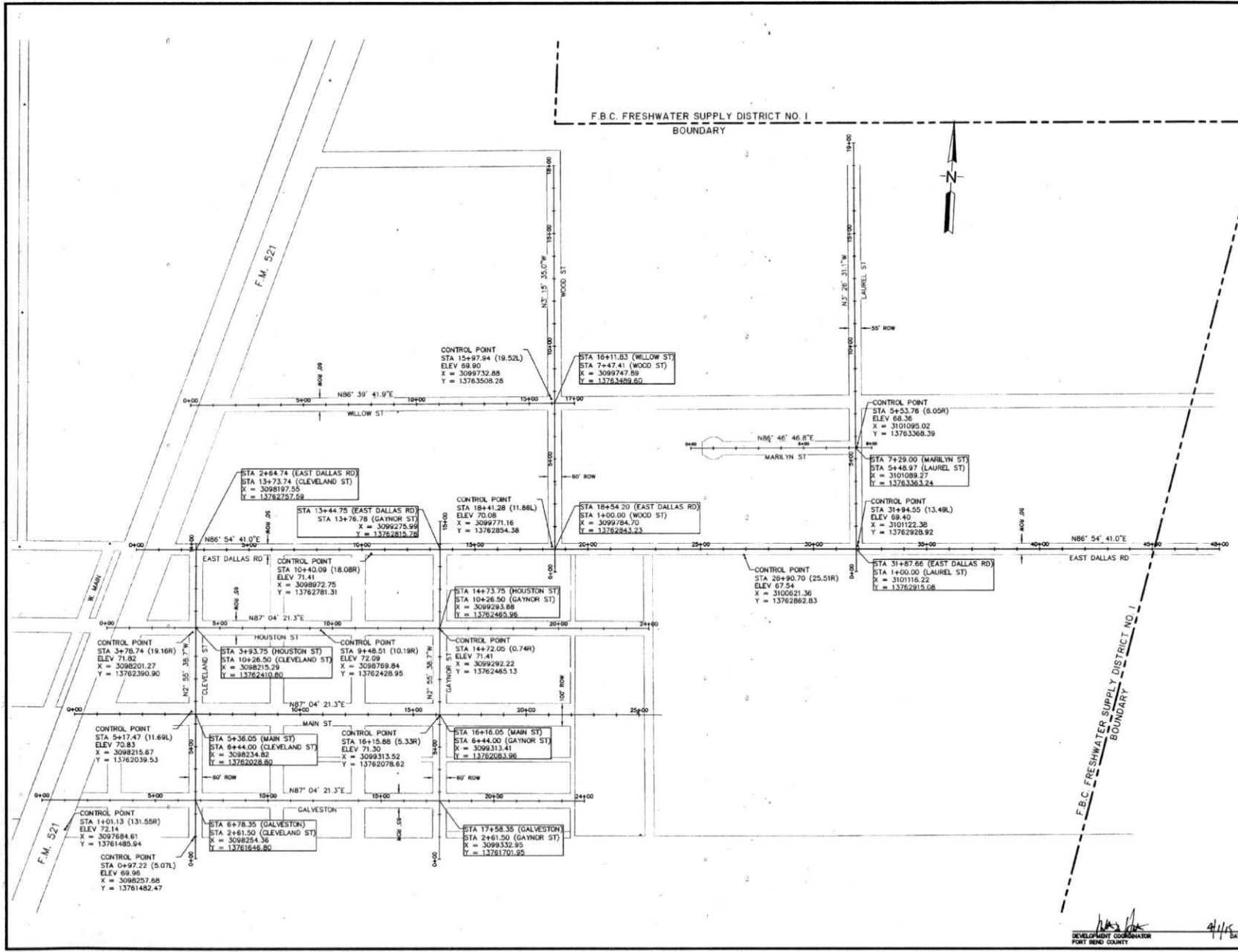
JACOBS
3609 RIDGECREEK ROAD
HOUSTON, TEXAS 77072
MAIN 832.351.6000

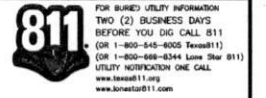
PEARLAND
FORT BEND COUNTY FRESHWATER
SUPPLY DISTRICT NO. 1
PHASE B -
WATERLINE IMPROVEMENTS

SURVEY CONTROL PLAN
(SHEET 1 OF 3)

PROJECT NO: WNB-07214	DATE: APRIL 2014	SCALE: 1" = 200'	SHEET NO: 5
DRAWN BY: SCOTTIE	CHECKED BY: APPLIGATE	DATE: C2002	OF 08

DEVELOPMENT COORDINATOR
FORT BEND COUNTY





PROJECT BENCHMARK: NGS DESIGNATED M 668
ONE FRAME IN TOP AND APPROXIMATELY 18 FEET EAST OF WEST END OF SOUTH CONCRETE HEADWALL OF AN 8" PIPE CULVERT UNDER STATE ROUTE 286 AT JUNCTION OF DALLAS ROAD EAST APPROXIMATELY 38 FEET EAST OF THE CENTERLINE OF STATE ROUTE 286 AND 13 FEET SOUTH OF THE CENTERLINE OF DALLAS RD
ELEVATION TO 70 FEET (NAVD 88)



SHEET KEY (FBCFWSDM1 - PHASE 2)

NO.	DESCRIPTION	DATE	ENR.	CHK.

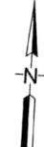
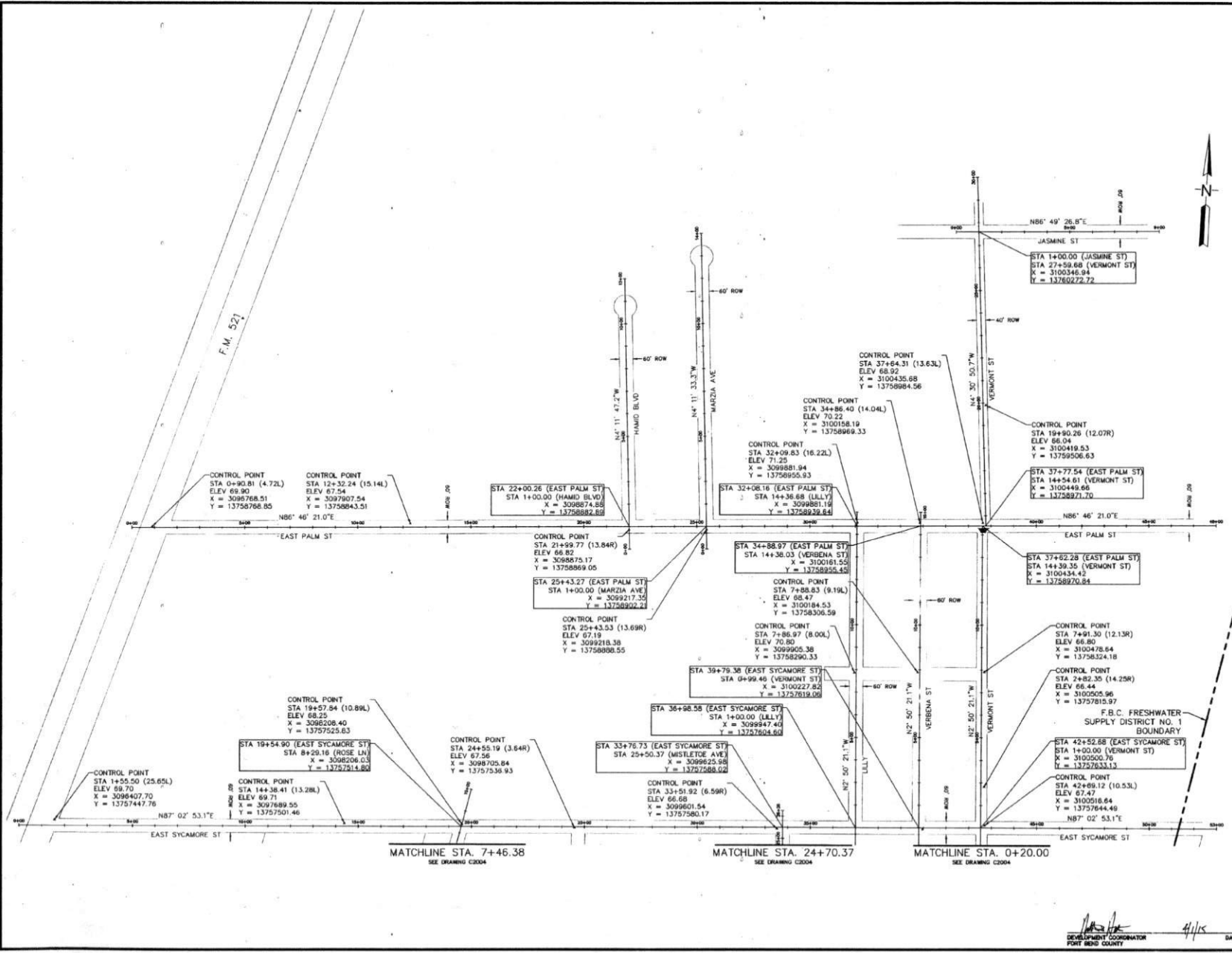
Professional Engineer Seal for Jacobus Van Dyke, State of Texas, License No. 91758, dated 9/17/28. Includes F.B.C. FRESHWATER SUPPLY DISTRICT NO. 1 BOUNDARY.

JACOBS logo and address: 3865 RIDGEDALE ROAD, HOUSTON, TEXAS 77077, MAIN OFFICE.

PEARLAND logo and project name: PORT BEND COUNTY FRESHWATER SUPPLY DISTRICT NO. 1, PHASE B - WATERLINE IMPROVEMENTS.

SURVEY CONTROL PLAN (SHEET 2 OF 3)

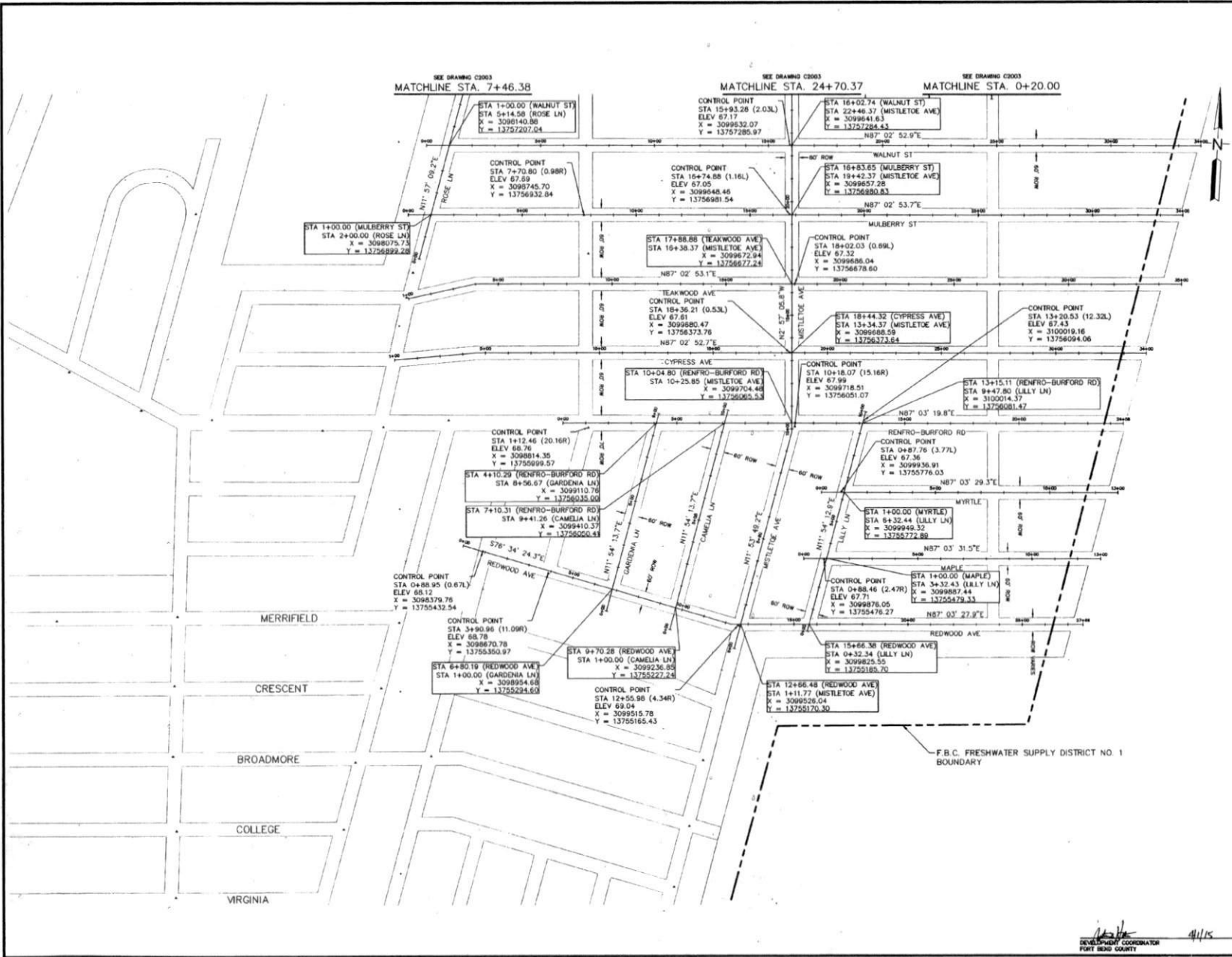
PROJECT NO.	DATE	SCALE	SHEET
VR0017514	APRIL 2014	1" = 200'	6
DESIGNER: J. GODETTI	DRAWN: G. SMITH	C2003	OF 06



DATE: 4/15
DEVELOPMENT COORDINATOR: [Signature]
PORT BEND COUNTY

811 FOR BURIED UTILITY INFORMATION
 TWO (2) BUSINESS DAYS
 BEFORE YOU DIG CALL 811
 (OR 1-800-945-8008 Texas811)
 (OR 1-800-868-8344 Lone Star 811)
 UTILITY NOTIFICATION ONE CALL
 www.onecall11.org
 www.texas811.com

PROJECT BENCHMARK:
 NGS DESIGNATED M 668
 ISM FOUND IN TOP AND APPROXIMATELY 1 FEET EAST OF
 WEST END OF SOUTH CONCRETE HEADWALL OF AN 8" PIPE
 CULVERT UNDER STATE ROUTE 288. AT JUNCTION OF DALLAS
 ROAD EAST APPROXIMATELY 39 FEET EAST OF THE
 CENTERLINE OF STATE ROUTE 288 AND 13 FEET SOUTH OF THE
 CENTERLINE OF DALLAS RD
 ELEVATION 70 TO FEET (NAVD 88)



SHEET KEY (FBCFWSDB1 - PHASE 2)

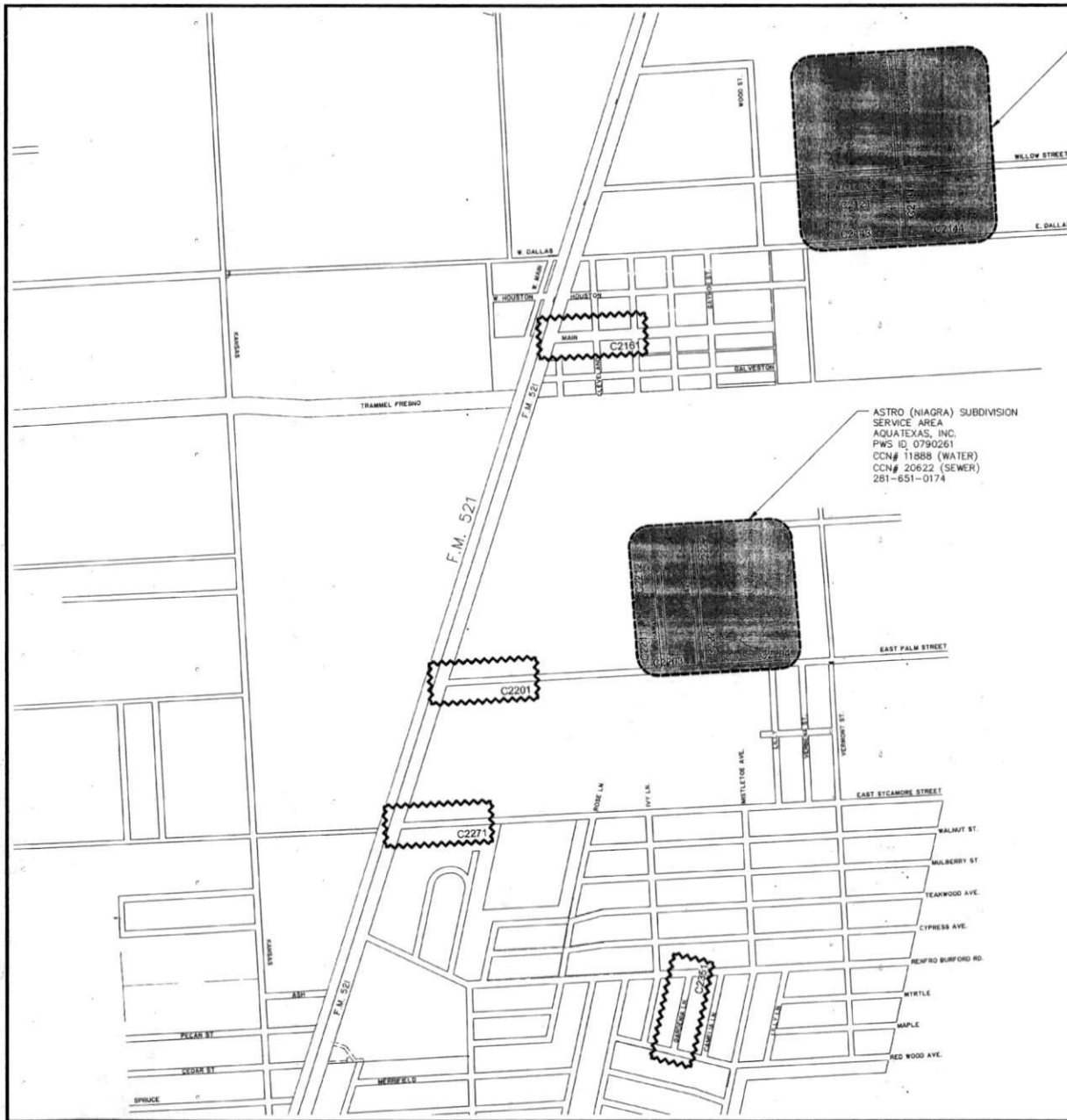
NO.	DESCRIPTION	DATE	OWN.	CHK.

JACOBS
 3885 RODDGERALS ROAD
 HOUSTON, TEXAS 77072
 PHONE 832.916.6000

FORT BEND COUNTY FRESHWATER SUPPLY DISTRICT NO. 1
 PHASE B - WATERLINE IMPROVEMENTS

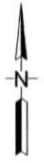
SURVEY CONTROL PLAN
 (SHEET 3 OF 3)

PROJECT NO. W0007514	DATE: APR 2014	SCALE: 1" = 200'	SHEET: 7 OF 88
DRAWN BY: S. GIBLETTE	DESIGNED BY: J. APPLIGATE	DATE: 4/1/15	
CHECKED BY: D. SMITH	APPROVED BY: [Signature]		



APPROXIMATE LOCATION OF
TURNER WATER SERVICE
CCN# 12195

ASTRO (NIAGRA) SUBDIVISION
SERVICE AREA
AQUATEXAS, INC.
PWS ID: 0790261
CCN# 11888 (WATER)
CCN# 20622 (SEWER)
281-651-0174



811 FOR BURIED UTILITY INFORMATION
TWO (2) BUSINESS DAYS
BEFORE YOU DIG CALL 811
(OR 1-800-545-4000 TOLLFREE)
(OR 1-800-668-8344 Lower Star 811)
UTILITY INFORMATION ONE CALL
www.onecall811.org
www.austatx811.com

- LEGEND**
- CENTERPOINT UTILITIES (SEE NOTE 1)
 - C310 DRAWING NUMBER
 - TCEQ CCN (SEE NOTE 1)

NOTE:
1. UNDERGROUND UTILITIES (ELECTRIC, GAS, WATER AND/OR SEWER) MAY BE PRESENT AND NOT SHOWN ON PLANS/DRAWINGS! CALL FOR MARKOUTS AND CONFIRM LOCATIONS TO MAXIMUM EXTENT POSSIBLE PRIOR TO TRENCHING.

TO ARRANGE FOR LINES TO BE TURNED OFF OR MOVED, CALL CENTERPOINT ENERGY AT 713-267-2222

NOTICE:
For your safety, you are required by Texas Law to call 811 at least 48 hours before you dig so that underground lines can be marked. This Verification does not fulfill your obligation to call 811.

VERIFICATION OF PRIVATE UTILITY LINES

Signature	Date
<i>[Signature]</i>	4/8/14
<i>[Signature]</i>	4/8/14
<i>[Signature]</i>	4/8/14

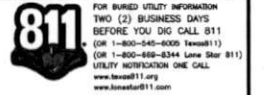
JACOBS
1000 ROODERDALE ROAD
HOUSTON, TEXAS 77072
PHONE 832-331-0000

PEARLAND
FORT BEND COUNTY FRESHWATER SUPPLY DISTRICT NO. 1
PHASE II - WATERLINE IMPROVEMENTS

UNDERGROUND UTILITIES APPROXIMATE LOCATIONS

PROJECT NO:	WB017014	DATE:	APR 2014	SCALE:	1" = 500'	SHEET:	8
ISSUED:	W. GOSSETTE	DATE:	APRIL 2014	SCALE:	N/A	DRAWING NO.:	C-2099
DESIGNED:	E. SMITH	CHECKED:		DATE:		BY:	CF

[Signature] 4/1/14 DATE



PROJECT BENCHMARK:
 NGS DESIGNATED M 608
 BENCHMARK FOUND IN TOP AND APPROXIMATELY 18 FEET EAST OF
 WEST END OF SOUTH CONCRETE WEIR/WALL OF AN 8" PIPE
 CULVERT UNDER STATE ROUTE 288, AT JUNCTION OF DALLAS
 ROAD EAST APPROXIMATELY 30 FEET EAST OF THE
 CENTERLINE OF STATE ROUTE 288 AND 15 FEET SOUTH OF THE
 CENTERLINE OF DALLAS RD.
 ELEVATION TO TO FEET (NAVD 83)

- NOTES:**
- CONTRACTOR SHALL PROVIDE ACCESS TO HOMES AT ALL TIMES.
 - CONTRACTOR SHALL RETURN DITCHES TO PRE-CONSTRUCTION CONDITIONS OR BETTER UNLESS NOTED OTHERWISE.
 - PIPE HYDRANTS TO BE INSTALLED 3' OFF R-0-W LINE, UNLESS NOTED OTHERWISE.
 - ALL WATERLINES CROSSING COUNTY STREETS, INCLUDING LEADS, SHALL BE AUGERED AT LEAST 5' EACH SIDE OF PAVEMENT.

TO ARRANGE FOR LINES TO BE TURNED OFF OR MOVED, CALL CENTERPOINT ENERGY AT 713-207-2222

NOTICE:
 For your safety, you are required to Turn On or call 811 at least 48 hours before you dig on the underground line can be marked. This notification does not nullify your obligation to call 811.

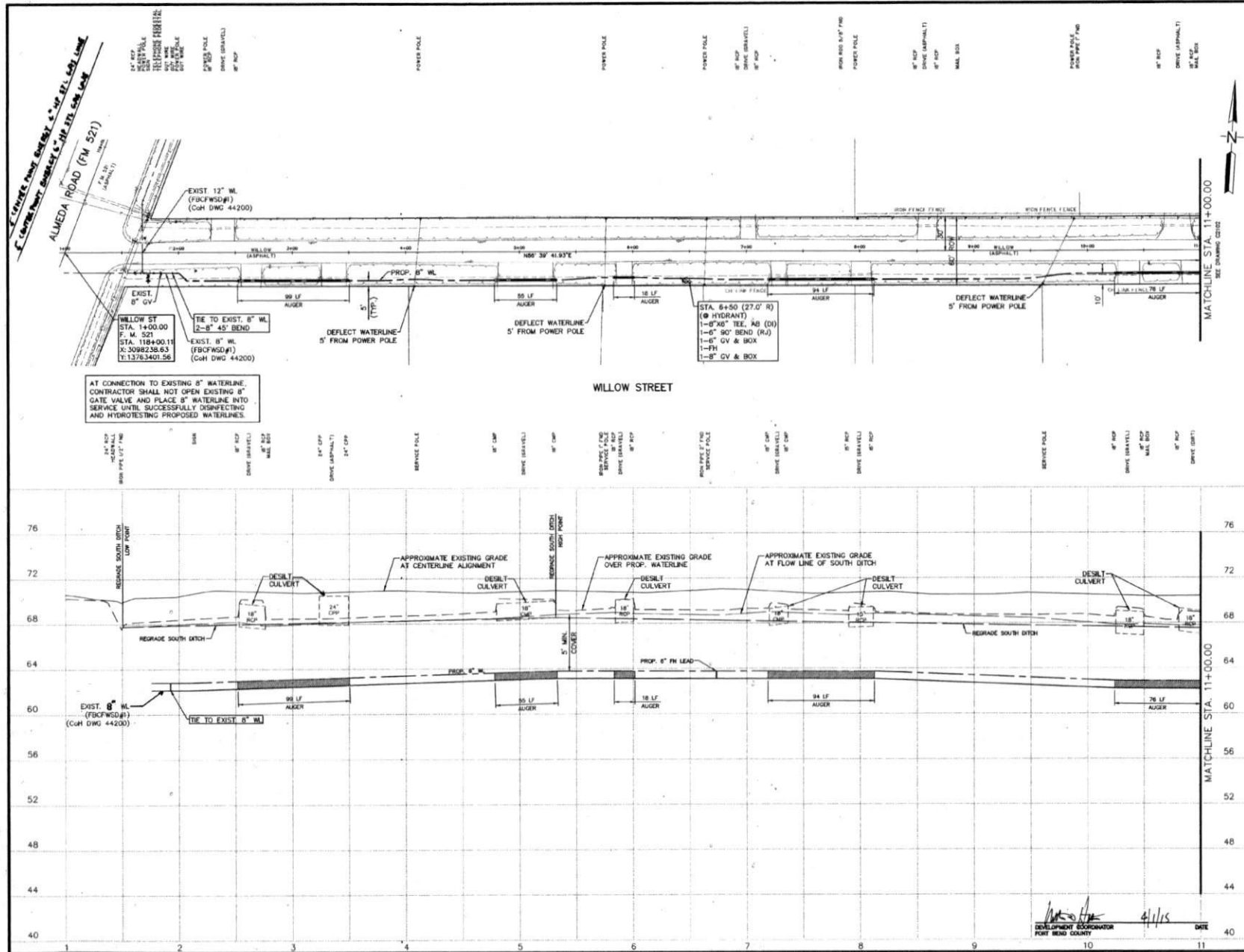
VERIFICATION OF PRIVATE UTILITY LINES

Company	Date
<i>Hammer</i>	4/1/15
<i>Hammer</i>	4/1/15
<i>Hammer</i>	4/1/15

NOTICE:
 This signature verifies that you have shown CIP Insured Gas lines correctly and to the extent for utility verification. (This signature does not verify the location of gas lines.)
 Signature Valid for six months.

NOTICE:
 This signature verifies and certifies that the electrical facilities are correctly located and to the extent for utility verification. (This signature does not verify the location of electrical facilities.)
 Signature Valid for six months.

NOTICE:
 This signature verifies and certifies that the electrical facilities are correctly located and to the extent for utility verification. (This signature does not verify the location of electrical facilities.)
 Signature Valid for six months.



MR.	DESCRIPTION	DATE	DWN.	CHK.

JACOBS
 8900 FROEDERDALE ROAD
 HOUSTON, TEXAS 77072
 PHONE: 832.361.8000

RESPONSIBLE ENGINEER
 DAVID CHARLES DERRAL, P.E.
 TEXAS REGISTRATION NO. 91708

WILLOW STREET
 STA. 1+00.00 TO STA. 11+00.00

PROJECT NO. WH007514	DATE	SCALE	SHEET
APR 2014	V	1" = 4'	9
DRAWN BY W. GODETTE	DATE	SCALE	SHEET
APPROVED BY J. APPELLATE			OF 88
CHECKED BY G. SMITH			



FOR BURIED UTILITY INFORMATION
TWO (2) BUSINESS DAYS
BEFORE YOU DIG CALL 811
(OR 1-800-348-6006 Texas811)
(OR 1-800-688-8344 Lone Star 811)
UTILITY NOTIFICATION ONE CALL
www.texas811.org
www.lonestar811.com

PROJECT BENCHMARK:
NCS DESIGNATED M 668
MARK FOUND IN TOP AND APPROXIMATELY 18 FEET EAST OF
WEST END OF SOUTH CONCRETE HEADWALL OF AN 8" PIPE
CULVERT UNDER STATE ROUTE 888, AT JUNCTION OF DALLAS
ROAD EAST APPROXIMATELY 30 FEET EAST OF THE
CENTERLINE OF STATE ROUTE 888 AND 13 FEET SOUTH OF THE
CENTERLINE OF DALLAS RD.
ELEVATION TO 76 FEET SHAW 88

- NOTES:
- CONTRACTOR SHALL PROVIDE ACCESS TO HOMES AT ALL TIMES.
 - CONTRACTOR SHALL RETURN DITCHES TO PRE-CONSTRUCTION CONDITIONS OR BETTER UNLESS NOTED OTHERWISE.
 - FIRE HYDRANTS TO BE INSTALLED 3' OFF R-O-W LINE, UNLESS NOTED OTHERWISE.
 - ALL WATERLINES CROSSING COUNTY STREETS, INCLUDING LEADS, SHALL BE AUGURED AT LEAST 5' EACH SIDE OF PAVEMENT.

TO ARRANGE FOR LINES TO BE TURNED OFF OR
MOVED, CALL CENTERPOINT ENERGY AT 713-201-2222
NOTICE:

For your safety, you are required by Texas Law to call 811 at least 48 hours before you dig so that underground lines can be marked. This verification does not fulfill your obligation to call 811.

VERIFICATION OF PRIVATE UTILITY LINES

Thomas Date *4/9/15*
CenterPoint Energy/Private Gas Facilities Verification ONLY.
(This signature verifies that you have shown CenterPoint Gas has access and is to be used for conflict verification.) (Date service from one (1) month.)
Signature Valid for six months.

Thomas Date *4/9/15*
CenterPoint Energy/Private Electric Facilities Verification ONLY.
(This signature verifies existing underground facilities - not to be used for conflict verification.) (Date service from one (1) month.)
Signature Valid for six months.

MJZ Date *4-9-15*
Approved for AT&T Texas DWBT underground conduit facilities ONLY.
Signature Valid for one year.

MR. DESCRIPTION	DATE	DMN	CHK.



JACOBS
3905 ROOSEVELT ROAD
HOUSTON, TEXAS 77072
www.jacobs.com



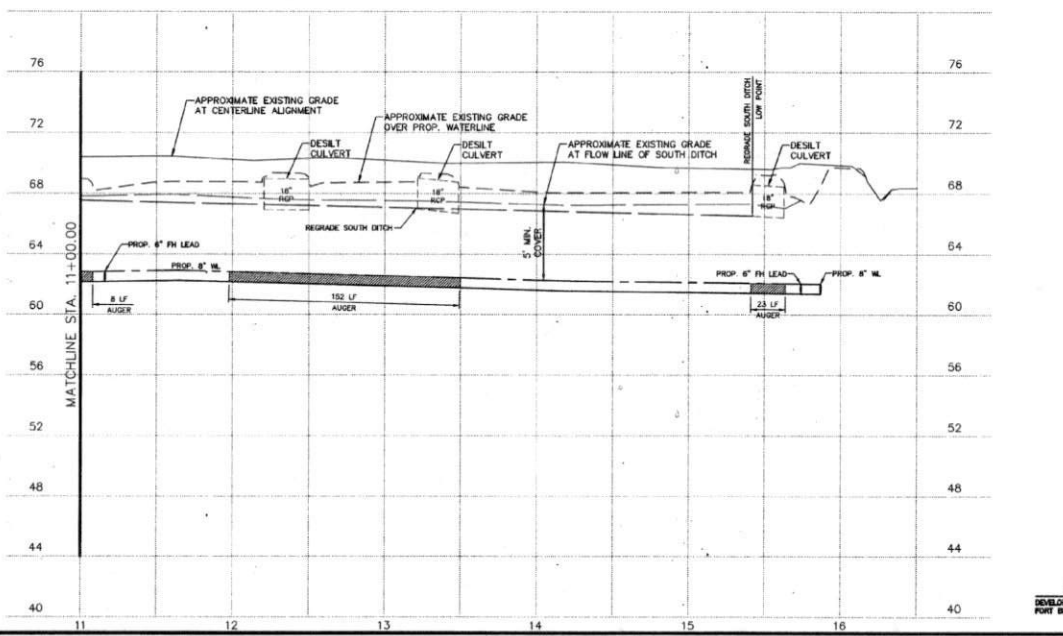
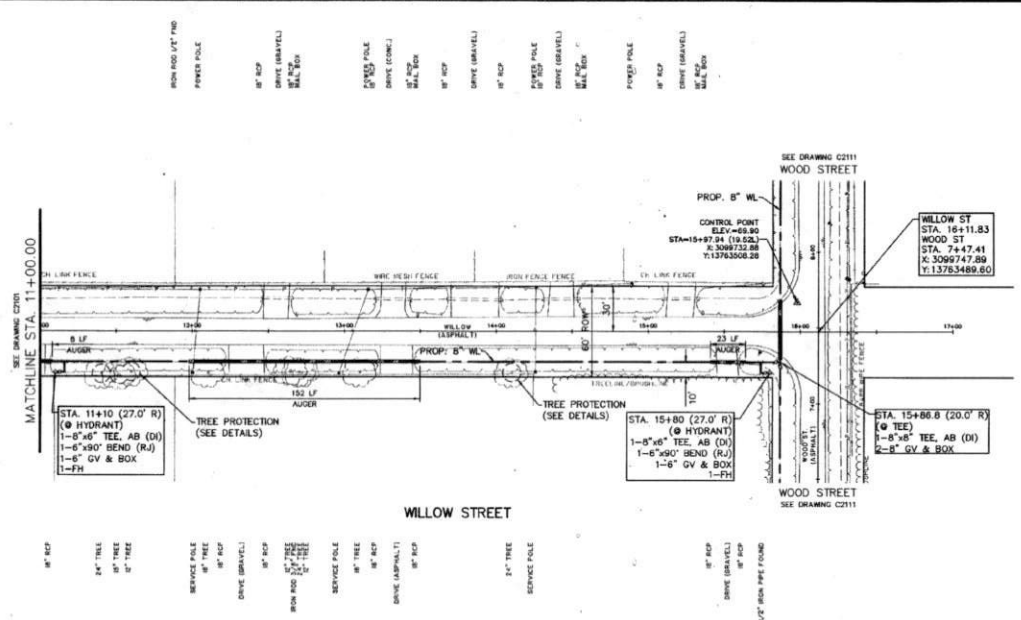
FORT BEND COUNTY FRESHWATER
SUPPLY DISTRICT NO. 1
PHASE B
WATERLINE IMPROVEMENTS

WILLOW STREET
STA. 11+00.00 TO WOOD STREET

PROJECT NO. W-0047514
DATE APR. 2014
DRAWN BY J. APPLEGATE
CHECKED BY D. BARTH

SCALE: H: 1" = 40'
V: 1" = 4'

SHEET NO. **10** OF 66



DEVELOPMENT COORDINATOR
PORT BEND COUNTY

4/15 DATE

811 FOR BURIED UTILITY INFORMATION
TWO (2) BUSINESS DAYS
BEFORE YOU DIG CALL 811
 OR 1-800-545-8009 (Toll-free)
 OR 1-800-868-8344 (Low Star 811)
 UTILITY NOTIFICATION ONE CALL
 www.onecall.org
 www.811.com

PROJECT BENCHMARK:
 NGS DESIGNATED M 698
 BENCHMARK FOUND IN TOP AND APPROXIMATELY 18 FEET EAST OF
 WEST END OF SOUTH CONCRETE RECURRAL OF AN 8" PIPE
 CULVERT UNDER STATE ROUTE 288 AT JUNCTION OF DALLAS
 ROAD EAST APPROXIMATELY 79 FEET EAST OF THE
 CENTERLINE OF STATE ROUTE 288 AND 13 FEET SOUTH OF THE
 CENTERLINE OF DALLAS RD
 ELEVATION 70.70 FEET (NAVD 88)

- NOTES:**
- CONTRACTOR SHALL PROVIDE ACCESS TO HOMES AT ALL TIMES.
 - CONTRACTOR SHALL RETURN DITCHES TO PRE-CONSTRUCTION CONDITIONS OR BETTER UNLESS NOTED OTHERWISE.
 - FIRE HYDRANTS TO BE INSTALLED 3' OFF R-C-W LINE, UNLESS NOTED OTHERWISE.
 - ALL WATERLINES CROSSING COUNTY STREETS, INCLUDING LEADS, SHALL BE AUGERED AT LEAST 3' EACH SIDE OF PAVEMENT.

TO ARRANGE FOR LINES TO BE TURNED OFF OR MOVED, CALL CENTERPOINT ENERGY AT 713-267-2222
NOTICE:
 For your safety, you are required by Texas Law to call 811 at least 48 hours before you dig so that underground line can be located. This verification does not hold your responsibility to call 811.
VERIFICATION OF PRIVATE UTILITY LINES
 Signature: _____ Date: 4/8/15
 CenterPoint Energy/Natural Gas Facilities Verification ONLY
 (This signature verifies that you have checked CIP records. It does not constitute a call to be used for conduct verifications.) (See service lines are NOT shown.)
 Signature Valid for six months.

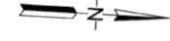
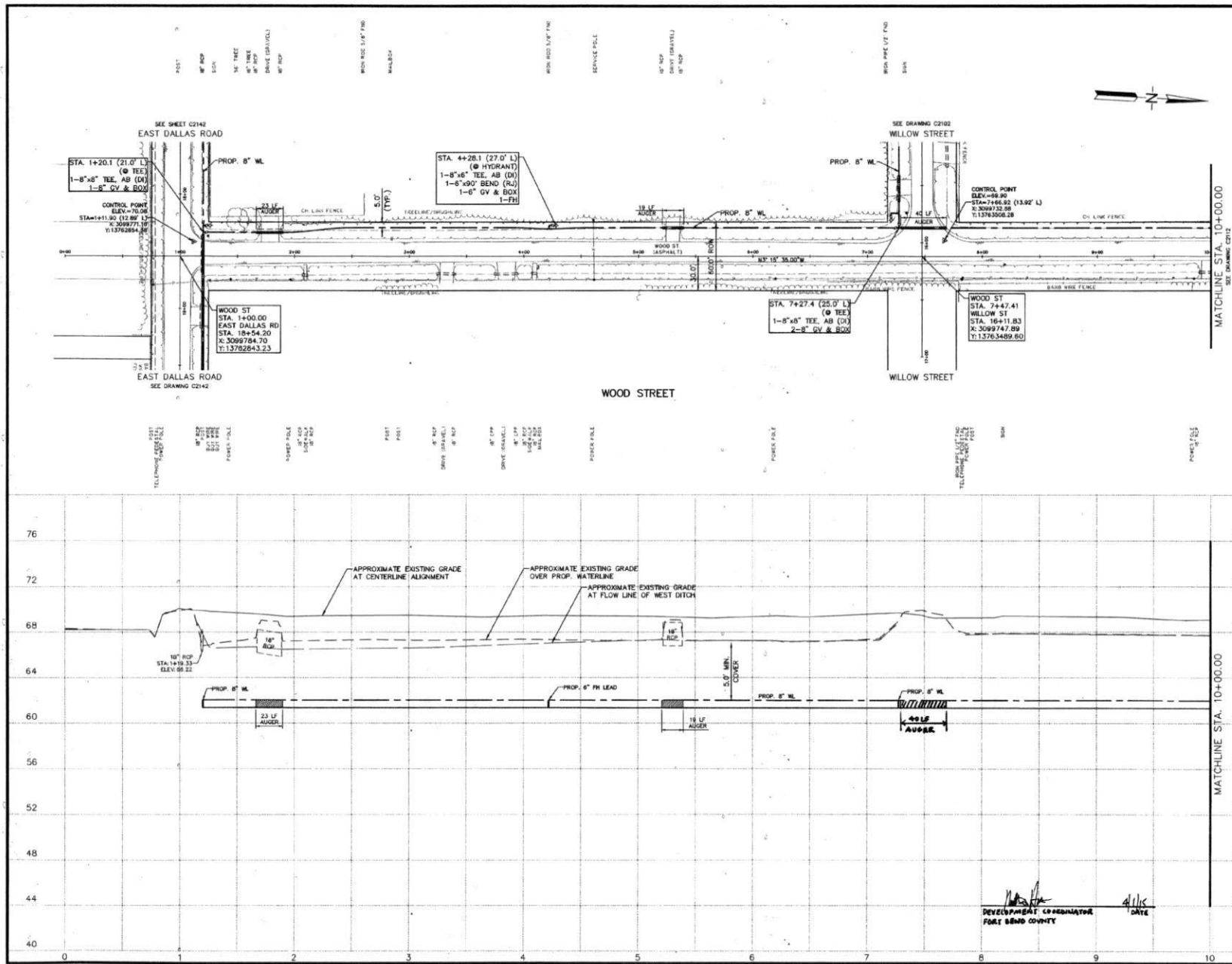
Signature: _____ Date: 4/8/15
 CenterPoint Energy/ELECTRIC/FIRE/TELEPHONE Facilities Verification ONLY
 (This signature verifies existing underground facilities - not to be used for conduct verifications.) Signature Valid for six months.
 Signature: _____ Date: 4/9/15
 Approved for AT&T Texas SWIFT underground conduct facilities ONLY.
 Signature Valid for one year.

NK	DESCRIPTION	DATE	OWN	CHK

STATE OF TEXAS
 JACOBUS SHELTON, Surveyor
 91756
 Signature: _____ Date: 02/26/15
 JACOBS ENGINEERING GROUP, P.C.
 7-2244
 TEXAS REGISTRATION NO. 9739

JACOBS
 5600 ROCKGLENDALE ROAD
 HOUSTON, TEXAS 77072
 www.jacobs.com

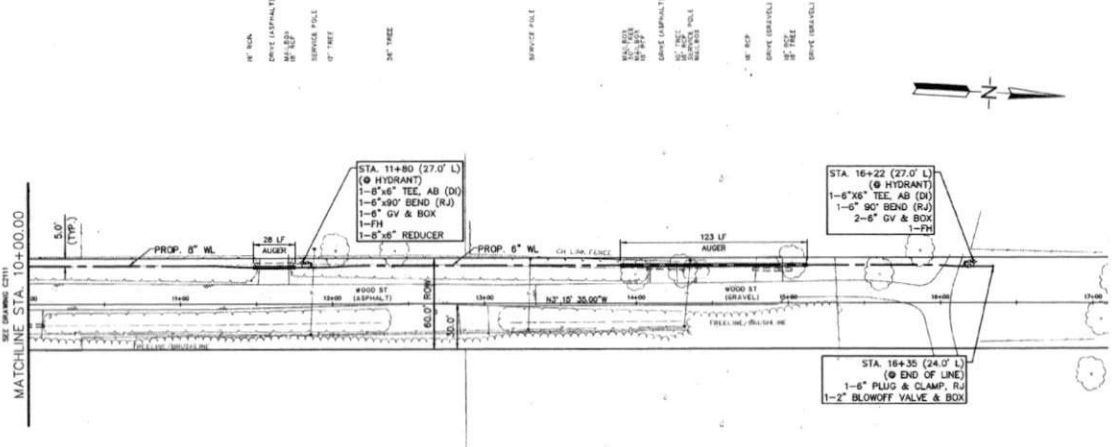
FORT BEND COUNTY FRESHWATER SUPPLY DISTRICT NO. 1
 PHASE B - WATERLINE IMPROVEMENTS
WOOD STREET
 STA 0+00.00 TO STA. 10+00.00
 PROJECT NO: WOOD-07516 Scale: H: 1" = 40' SHEET NO: 11
 DATE: APRIL 2014 V: 1" = 4'
 DESIGNER: W. COCKRIE DRAWN BY: J. APPELEGATE CHECKED BY: D. SMITH
 PROJECT NO: WOOD-07516 DATE: C2111 OF 86



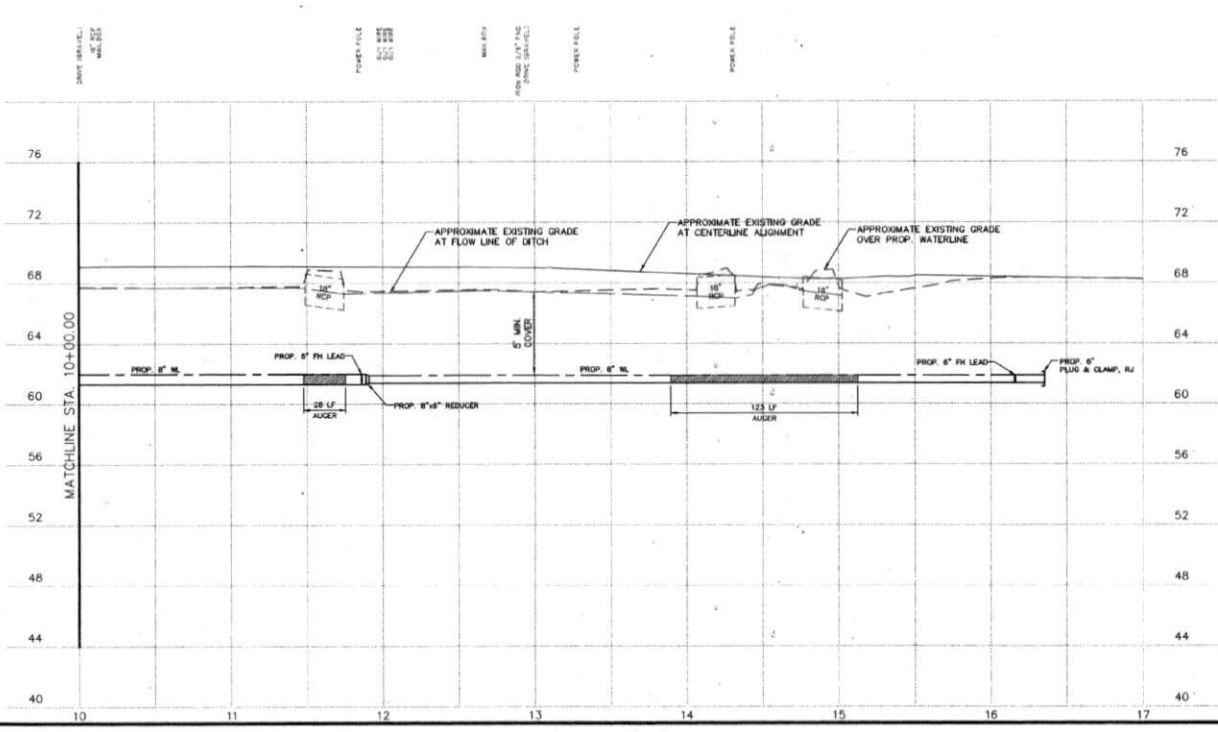
811 FOR BURIED UTILITY INFORMATION
 TWO (2) BUSINESS DAYS
 BEFORE YOU DIG CALL 811
 (OR 1-800-845-5005 Texas811)
 (OR 1-800-888-8344 Lone Star 811)
 UTILITY NOTIFICATION ONE CALL
 www.texas811.org
 www.lonestar811.com

PROJECT BENCHMARK:
 NOS DESIGNATED M 506
 ONE FOUND IN TOP AND APPROXIMATELY 18 FEET EAST OF
 WEST END OF SOUTH CONCRETE HEADWALL OF AN 48" PIPE
 COLLECTOR UNDER STATE ROUTE 288 AT JUNCTION OF DALLAS
 ROAD EAST APPROXIMATELY 38 FEET EAST OF THE
 CENTERLINE OF STATE ROUTE 288 AND 5 FEET SOUTH OF THE
 CENTERLINE OF DALLAS RD
 ELEVATION TO TO FEET (NAVD 88)

- NOTES:
- CONTRACTOR SHALL PROVIDE ACCESS TO HOMES AT ALL TIMES.
 - CONTRACTOR SHALL RETURN DITCHES TO PRE-CONSTRUCTION CONDITIONS OR BETTER UNLESS NOTED OTHERWISE.
 - FIRE HYDRANTS TO BE INSTALLED 3' OFF R-O-W LINE, UNLESS NOTED OTHERWISE.
 - ALL WATERLINES CROSSING COUNTY STREETS, INCLUDING LEADS, SHALL BE AUGERED AT LEAST 5' EACH SIDE OF PAYMENT.



WOOD STREET



TO ARRANGE FOR LINES TO BE TURNED OFF OR MOVED, CALL CENTERPOINT ENERGY AT 713-267-2222
NOTICE:
 For your safety, you are required by Texas Law to call 811 at least 48 hours before you dig. An underground line can be marked. The verification does not fully protect your obligation to call 811.

VERIFICATION OF PRIVATE UTILITY LINES
Hamma Date 4/1/15
 CenterPoint Energy/Natural Gas Facilities Verification ONLY
 (This Signature verifies that you have shown CMP marked Gas lines correctly. Not to be used for conduct verification. (Gas service lines are NOT shown.) Signature valid for six months.)

Hamma Date 4/1/15
 CenterPoint Energy/UNDERGROUND Electrical Facilities Verification ONLY
 (This Signature verifies existing underground facilities - not to be used for conduct verification. Signature valid for six months.)
M22 Date 4-9-15
 Approved by AT&T Texas SWIRET underground conduit facilities ONLY. Signature valid for one year.

NO.	DESCRIPTION	DATE	DRAWN	CHECK

JACOBS ENGINEERING GROUP INC. P-2266
 STATE OF TEXAS LICENSE NO. 51758
 TEXAS REGISTRATION NO. 51758

JACOBS
 8995 ROCKGARDLE ROAD
 HOUSTON, TEXAS 77072
 www.jacobs.com

FORT BEND COUNTY FRESHWATER
 SUPERVISOR DISTRICT NO. 1
 PHASE B -
 WATERLINE IMPROVEMENTS

WOOD STREET
 STA. 10+00.00 TO STA. 18+00.00

PROJECT NO.: WH0607514 Date: 4/1/15
 DRAWN: APRIL 2014 Scale: 1" = 40'
 REV: 00 DATE: 4/1/15 Scale: 1" = 40'
 DESIGN: J. APPLEGATE
 CHECK: J. APPLEGATE DATE: C2112
 APPROVED: [Signature] DATE: 4/1/15
 DEVELOPMENT COORDINATOR: [Signature]
 FORT BEND COUNTY

811 FOR BURIED UTILITY INFORMATION
 TWO (2) BUSINESS DAYS
 BEFORE YOU DIG CALL 811
 (OR 1-800-848-8344 Lone Star 811)
 (OR 1-800-848-8344 Lone Star 811)
 UTILITY NOTIFICATION ONE CALL
 www.onecall11.com
 www.811.com

PROJECT BENCHMARK:
 NGS DESIGNATED M 668
 DEEP FENDING IN TOP AND APPROXIMATELY 18 FEET EAST OF WEST END OF SOUTH CONCRETE HEADWALL OF AN 8" PIPE CULVERT UNDER STATE ROUTE 288 AT JUNCTION OF DALLAS ROAD EAST, APPROXIMATELY 39 FEET EAST OF THE CENTERLINE OF STATE ROUTE 288 AND 13 FEET SOUTH OF THE CENTERLINE OF DALLAS RD
 ELEVATION TO 70 FEET NAVD 98

NOTES:
 1. CONTRACTOR SHALL PROVIDE ACCESS TO HOMES AT ALL TIMES.
 2. PRE-CONSTRUCTION CONDITIONS OR BETTER UNLESS NOTED OTHERWISE.
 3. FIRE HYDRANTS TO BE INSTALLED 3' OFF 8"-Ø LINE UNLESS NOTED OTHERWISE.
 4. ALL WATERLINES CROSSING COUNTY STREETS, INCLUDING LEADS, SHALL BE AUGERED AT LEAST 5' EACH SIDE OF PAVEMENT.
 5. EXISTING WATERLINES ARE ANTIICIPATED TO BE PRESENT WITHIN THIS PORTION OF THE PROJECT. EXACT LOCATION OF WATERLINES ARE UNKNOWN. IF DAMAGED DURING CONSTRUCTION, CONTRACTOR SHALL REPAIR IMMEDIATELY SO AS TO KEEP SYSTEM IN OPERATION.

TO ARRANGE FOR LINES TO BE TURNED OFF OR MOVED, CALL CENTERPOINT ENERGY AT 713-267-2222

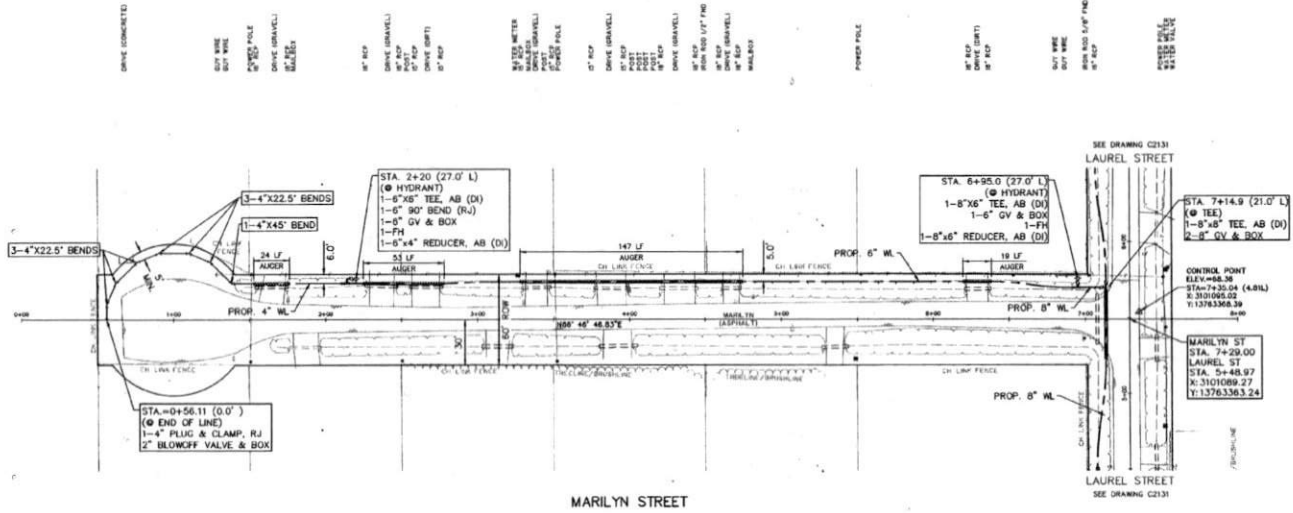
NOTICE:
 For your safety, you are required by Texas Law to call 811 at least 48 hours before you dig and underground utilities may not be marked. This Verification does not shift your obligation to call 811.

VERIFICATION OF PRIVATE UTILITY LINES

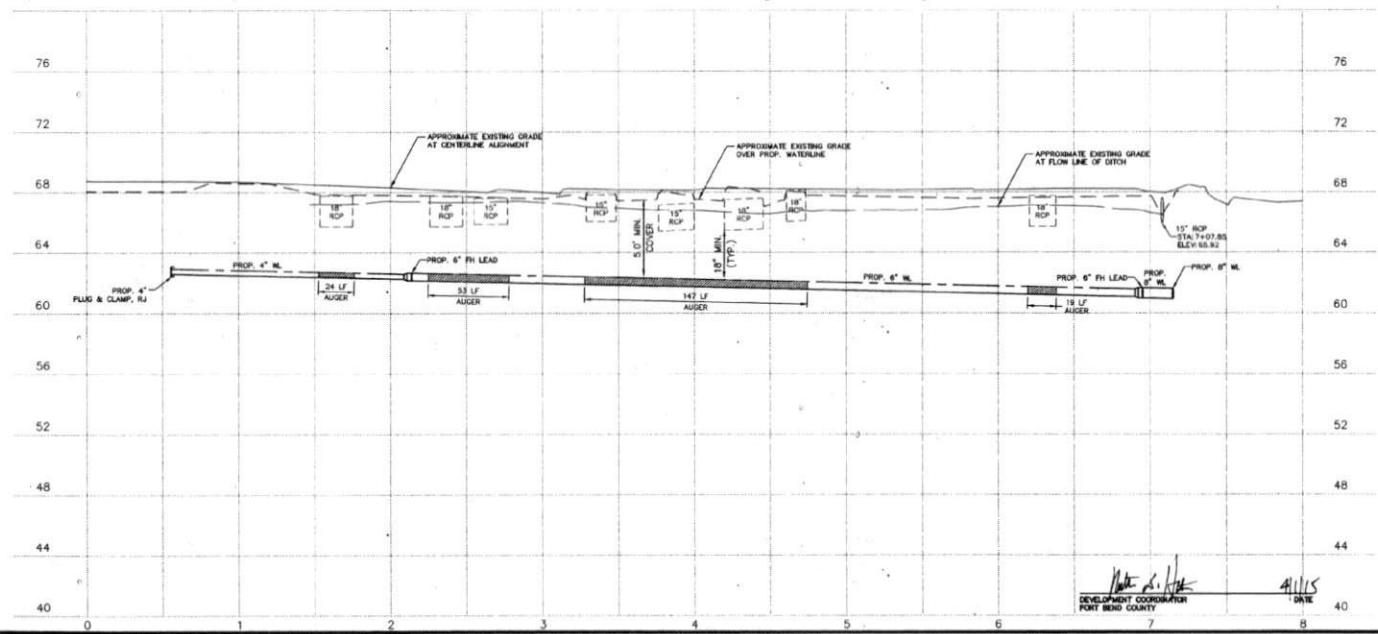
Signature Date 4/8/15
 CenterPoint Energy/Advanced Gas Facilities Verification ONLY
 (This Signature verifies existing underground facilities - not to be used for needed verification.) Signature valid for six months.

Signature Date 4/1/15
 CenterPoint Energy/UNDERGROUND Electrical Facilities Verification ONLY
 (This Signature verifies existing underground facilities - not to be used for needed verification.) Signature valid for six months.

Signature Date 4/9/15
 Approved for AT&T Texas SWBT underground (certain facilities ONLY).
 Signature valid for six years.



MARILYN STREET
 SEE DRAWING C2131



DEVELOPMENT COORDINATOR
 FORT BEND COUNTY
 DATE

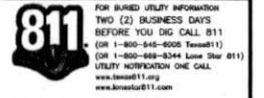
Professional Engineer Seal for J. M. Smith, No. 91756, State of Texas, Registration No. 0310115.

JACOBS
 8805 HOEDGERMERE ROAD
 HOUSTON, TEXAS 77072
 PHONE 832.316.6000

FORT BEND COUNTY FRESHWATER SUPPLY DISTRICT NO. 1
 PHASE II - WATERLINE IMPROVEMENTS

MARILYN STREET
 STA. 0+00.00 TO LAUREL STREET

PROJECT NO. W0007514
 DATE: APRIL 2014
 SHEET: 13 OF 26



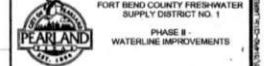
FOR BURIED UTILITY INFORMATION
 TWO (2) BUSINESS DAYS
 BEFORE YOU DIG CALL 811
 (OR 1-800-545-8005 TOLLFREE)
 (OR 1-800-688-3344 Lone Star 811)
 UTILITY INFORMATION ONE CALL
 www.811.org
 www.811.com

- PROJECT BENCHMARK
 NOS DESIGNATED M 668
 NOS FOUND IN TOP AND APPROXIMATELY 18 FEET EAST OF
 WEST END OF SOUTH CONCRETE HEADWALL OF AN 18" PIPE
 CULVERT UNDER STATE ROUTE 888 AT JUNCTION OF DALLAS
 ROAD EAST APPROXIMATELY 78 FEET EAST OF THE
 CENTERLINE OF STATE ROUTE 288 AND 13 FEET SOUTH OF THE
 CENTERLINE OF DALLAS RD
 ELEVATION TO 70 FEET (NAVD 88)
- NOTES:
- CONTRACTOR SHALL PROVIDE ACCESS TO HOMES
 AT ALL TIMES
 - CONTRACTOR SHALL RETURN DITCHES TO
 PRE-CONSTRUCTION CONDITIONS OR BETTER
 UNLESS NOTED OTHERWISE
 - FIRE HYDRANTS TO BE INSTALLED 3' OFF
 R.O.W. UNLESS NOTED OTHERWISE
 - ALL WATERLINES CROSSING COUNTY STREETS,
 INCLUDING LEADS, SHALL BE AUGERED AT LEAST
 5' EACH SIDE OF PAVEMENT.
 - EXISTING WATERLINES ARE ANTICIPATED TO BE
 PRESENT WITHIN THIS PORTION OF THE PROJECT.
 EXACT LOCATION OF WATERLINES ARE UNKNOWN.
 IF DAMAGED DURING CONSTRUCTION, CONTRACTOR
 SHALL REPAIR IMMEDIATELY SO AS TO KEEP
 SYSTEM IN OPERATION.

TO ARRANGE FOR LINES TO BE TURNED OFF OR
 MOVED, CALL CENTERSOURCE ENERGY AT 713-201-2222
 NOTICE:
 For your safety, you are required by Texas Law to call 811 at least 48 hours
 before you dig. That underground line can be marked. The Verification does
 not fulfill your obligation to call 811.

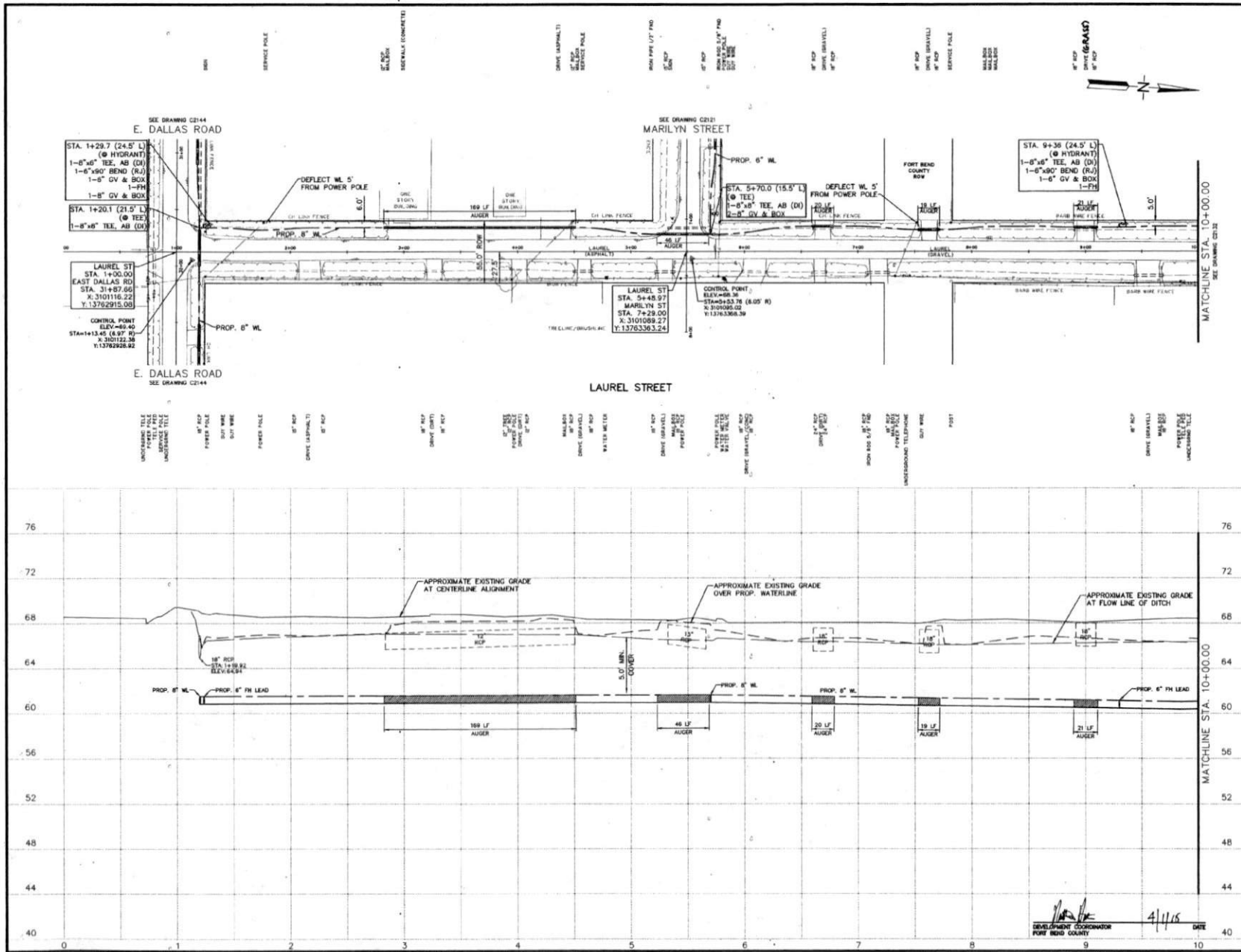
VERIFICATION OF PRIVATE UTILITY LINES
 Date 4/1/15
 Date 4/1/15
 Date 4-9-15
 Approved for AT&T Texas SWFT underground conduit facilities ONLY.
 Signature valid for one year.

ML	DESCRIPTION	DATE	DRAWN	CHKD.



LAUREL STREET
 STA. 0+00.00 TO STA. 10+00.00

PROJECT NO. 0000072514 Date: APR. 2014 Scale: 1" = 40' SHEET 14 OF 86
 DRAWN: W. COCHRANE Drawing by: J. AFFLEGATE
 CHECKED: E. BERRY



4/1/15
 DEVELOPMENT COORDINATOR
 FORT BEND COUNTY

811 FOR BURIED UTILITY INFORMATION
BEFORE YOU DIG CALL 811
 OR 1-800-545-6005 Texas 811
 OR 1-800-469-8244 Lone Star 811
 UTILITY NOTIFICATION ONE CALL
 www.onecall.org

PROJECT BENCHMARK:
 NGS DESIGNATED M 868
 DISK FOUND IN TOP AND APPROXIMATELY 18 FEET EAST OF
 WEST END OF SOUTH CONCRETE ROADWAY, OF AN 8" PIPE
 CULVERT UNDER STATE ROUTE 288, AT JUNCTION OF DALLAS
 ROAD EAST APPROXIMATELY 38 FEET EAST OF THE
 CENTERLINE OF STATE ROUTE 288 AND IS FEET SOUTH OF THE
 CENTERLINE OF DALLAS RD.

- ELEVATION TO TO FEET (NAD 83)
- NOTES:**
- CONTRACTOR SHALL PROVIDE ACCESS TO HOMES AT ALL TIMES.
 - CONTRACTOR SHALL RETURN DITCHES TO PRE-CONSTRUCTION CONDITIONS OR BETTER UNLESS NOTED OTHERWISE.
 - FIRE HYDRANTS TO BE INSTALLED 3' OFF R-D-W LINE UNLESS NOTED OTHERWISE.
 - ALL WATERLINES CROSSING COUNTY STREETS INCLUDING LEADS, SHALL BE AUGERED AT LEAST 5' EACH SIDE OF PAVEMENT.
 - EXISTING WATERLINES ARE ANTICIPATED TO BE PRESENT WITHIN THIS PORTION OF THE PROJECT. EXACT LOCATION OF WATERLINES ARE UNKNOWN. IF DAMAGED DURING CONSTRUCTION, CONTRACTOR SHALL REPAIR IMMEDIATELY SO AS TO KEEP SYSTEM IN OPERATION.

TO ARRANGE FOR LINES TO BE TURNED OFF OR MOVED, CALL CENTERPOINT ENERGY AT 713-207-2222

NOTICE:

For your safety, you are required by Texas Law to call 811 at least 48 hours before you dig so that underground lines can be marked. This Verification does not hold your obligation to call 811.

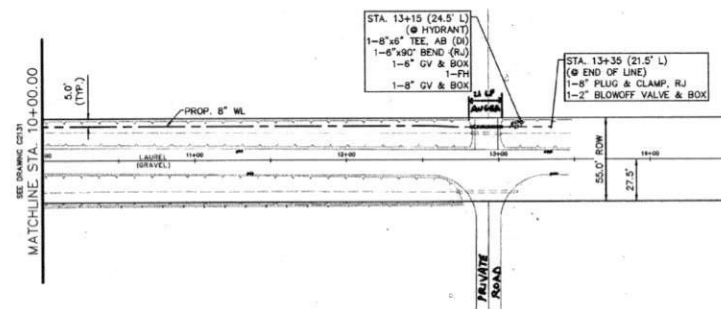
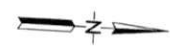
VERIFICATION OF PRIVATE UTILITY LINES

Signature Date **4/8/15**

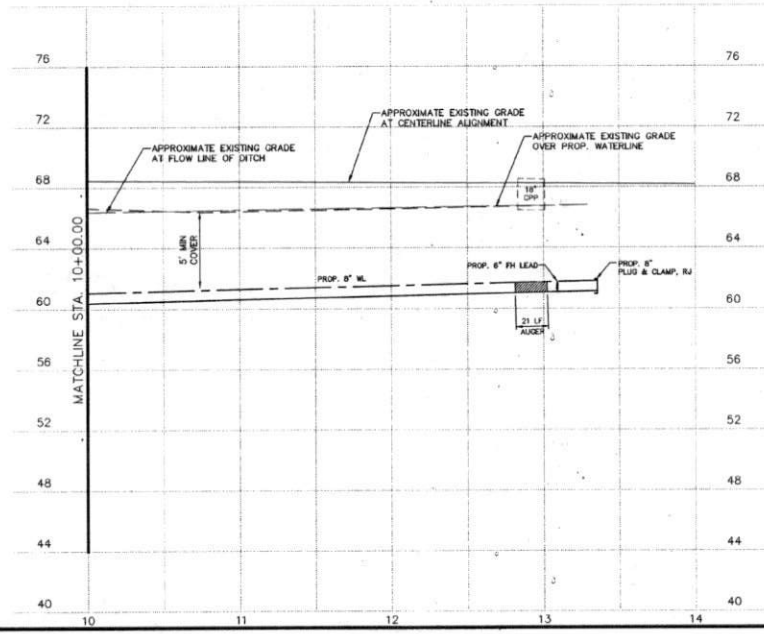
Signature Date **4/8/15**

Signature Date **4-9-15**

Approved by STATE TEXAS SPST underground conduct facilities ONLY
 Signature Valid for one year.



LAUREL STREET



NO.	DESCRIPTION	DATE	ENR.	CHK.

JACOBS
 5900 HILDCORP DR
 HOUSTON, TEXAS 77072
 PHONE 281.261.8000

PEARLAND
 FORT BEND COUNTY FRESHWATER
 SUPPLY DISTRICT NO. 1
 PHASE II -
 WATERLINE IMPROVEMENTS

LAUREL STREET
 STA. 10+00.00 TO STA. 14+00.00

PROJECT NO. WH047514 Date: 1" = 40'
 DATE: APR, 2014 V: 1" = 4'
 DESIGNED: W. GODETTE Drawing No. **15**
 CHECKED: J. APPELLATE C2132
 DATE: 0.0000 OF 86

Signature 4/1/15 DATE

PROJECT BENCHMARK:
NGS DESIGNATED M 668
BOX FOUND BY TOP AND APPROXIMATELY 18 FEET EAST OF
WEST END OF SOUTH CONCRETE HEADWALL OF AN 8' PIPE
CULVERT UNDER STATE ROUTE 288 AT JUNCTION OF DALLAS
ROAD EAST APPROXIMATELY 39 FEET EAST OF THE
CENTERLINE OF STATE ROUTE 288 AND 18 FEET SOUTH OF THE
CENTERLINE OF DALLAS RD.
ELEVATION TO 70 FEET BNAVD 988

- NOTES:
- 1. CONTRACTOR SHALL PROVIDE ACCESS TO HOMES AT ALL TIMES.
 - 2. CONTRACTOR SHALL RETURN DITCHES TO PRE-CONSTRUCTION CONDITIONS OR BETTER UNLESS NOTED OTHERWISE.
 - 3. FIRE HYDRANTS TO BE INSTALLED 3' OFF 8"-10" LIME, UNLESS NOTED OTHERWISE.
 - 4. ALL WATERLINES CROSSING COUNTY STREETS, INCLUDING LEADS, SHALL BE AUGURED AT LEAST 5' EACH SIDE OF PAVEMENT.

TO ARRANGE FOR LINES TO BE TURNED OFF OR MOVED, CALL CENTERPOINT ENERGY AT 713-207-2222
NOTICE:
For your safety, you are required by Texas Law to call 811 at least 48 hours before you dig. If you dig before you call 811, you may be fined. The Verification does not assure your dig location is safe.

VERIFICATION OF PRIVATE UTILITY LINES

Choma Date 4/15
CenterPoint Energy/Natural Gas Facilities Verification ONLY
(This Signature verifies existing underground facilities - not to be used for needed verification.) Signature valid for one month.

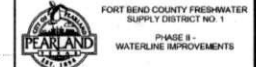
Choma Date 4/15
CenterPoint Energy/Natural Gas Facilities Verification ONLY
(This Signature verifies existing underground facilities - not to be used for needed verification.) Signature valid for one month.

Mizel Date 4/15
Approved by AT&T Texas SVBT underground conduit facilities ONLY
Signature valid for one year.

NO.	DESCRIPTION	DATE	OWN.	CHK.

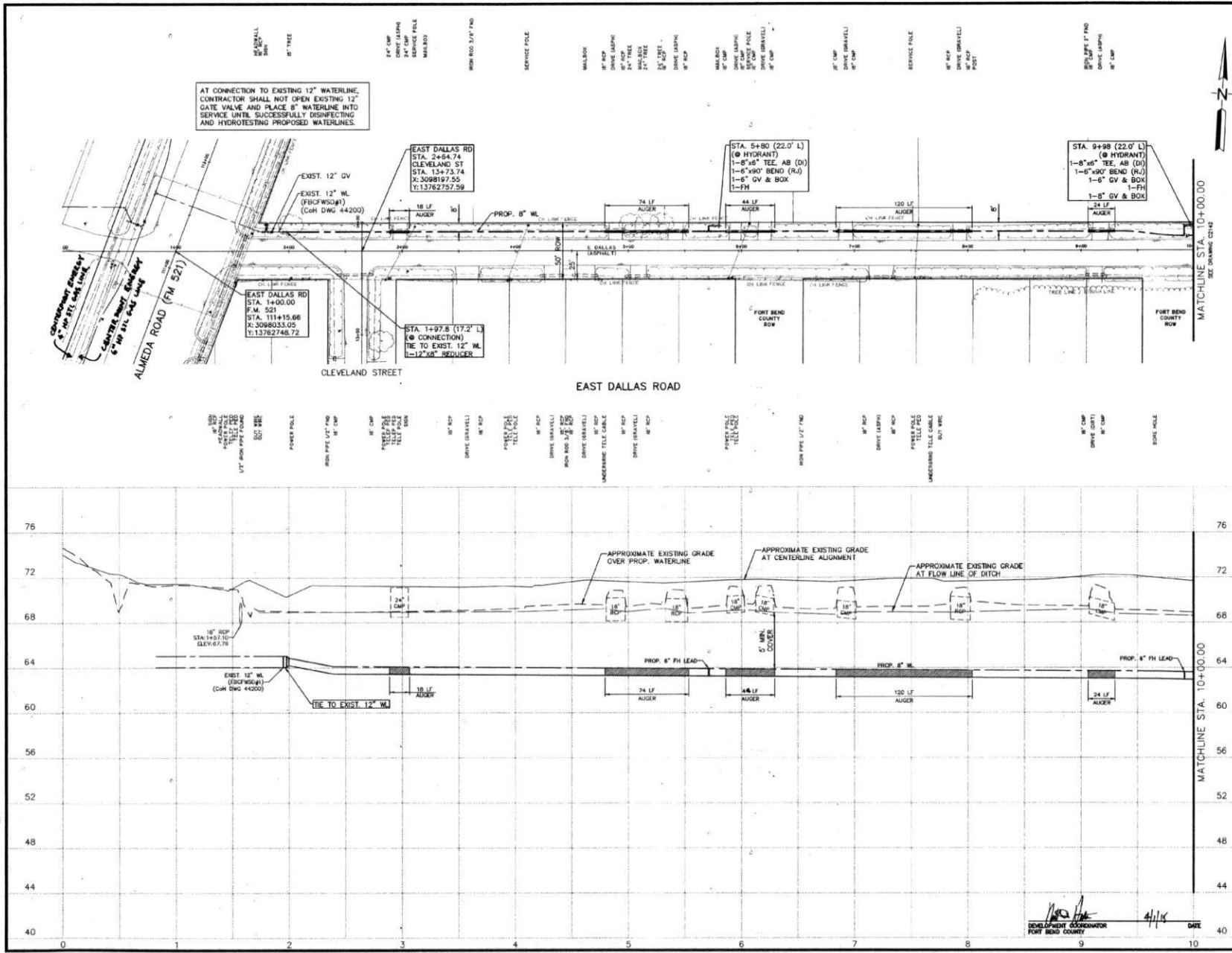


JACOBS
3610 ROCKBROOK HILL
HOUSTON, TEXAS 77072
MAIN: 282.261.6000



EAST DALLAS ROAD
STA. 0+00.00 TO STA. 10+00.00

PROJECT NO: WD-0427014	Scale: 1" = 40'	SHEET 16 OF 66
DATE: APRIL 2014	1" = 4'	
DESIGN: W. GODETTE	DRIVING: [Signature]	
ISSUED: J. APPELGATE	C2141	
APPROVED: G. SMITH	[Signature]	



MATCHLINE STA. 10+00.00
SEE DRAWING C2142

MATCHLINE STA. 10+00.00

DEVELOPMENT COORDINATOR
FORT BEND COUNTY
DATE

PROJECT BENCHMARK
NCS DESIGNATED M58
258' FOUND IN TOP AND APPROXIMATELY 18 FEET EAST OF
NORTH END OF SOUTH CONCRETE HEADWALL OF AN 18" PFC
CULVERT UNDER STATE ROUTE 288 AT JUNCTION OF DALLAS
ROAD EAST APPROXIMATELY 75 FEET EAST OF THE
CENTERLINE OF STATE ROUTE 288 AND 13 FEET SOUTH OF THE
CENTERLINE OF DALLAS RD.
ELEVATION 70.70 FEET (DAVD 68)

- NOTES:**
- CONTRACTOR SHALL PROVIDE ACCESS TO HOMES AT ALL TIMES.
 - CONTRACTOR SHALL RETURN DITCHES TO PRE-CONSTRUCTION CONDITIONS OR BETTER UNLESS NOTED OTHERWISE.
 - FIRE HYDRANTS TO BE INSTALLED 3' OFF R-O-W LINE UNLESS NOTED OTHERWISE.
 - ALL WATERLINES CROSSING COUNTY STREETS, INCLUDING LEADS, SHALL BE AUGERED AT LEAST 5' EACH SIDE OF PAVEMENT.

TO ARRANGE FOR LINES TO BE TURNED OFF OR MOVED, CALL CENTERPOINT ENERGY AT 713-207-3222

NOTICE:
For your safety, you are required by Texas Law to call 811 at least 48 hours before you dig or use underground line services. This Verification does not fulfill your obligation to call 811.

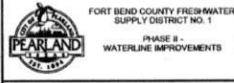
VERIFICATION OF PRIVATE UTILITY LINES

Thomas Date 4/8/15
Certified Energy/Underground Utility Location ONLY.
(The Signature verifies that you have shown CHP Natural Gas lines correctly and to be used for utility verification.) (One service line are NOT shown.)
Signature valid for six months.

Thomas Date 4/8/15
Certified Energy/Underground Electrical Facilities Verification ONLY.
(The Signature verifies existing underground facilities - not to be used for correct verification.) Signature valid for six months.

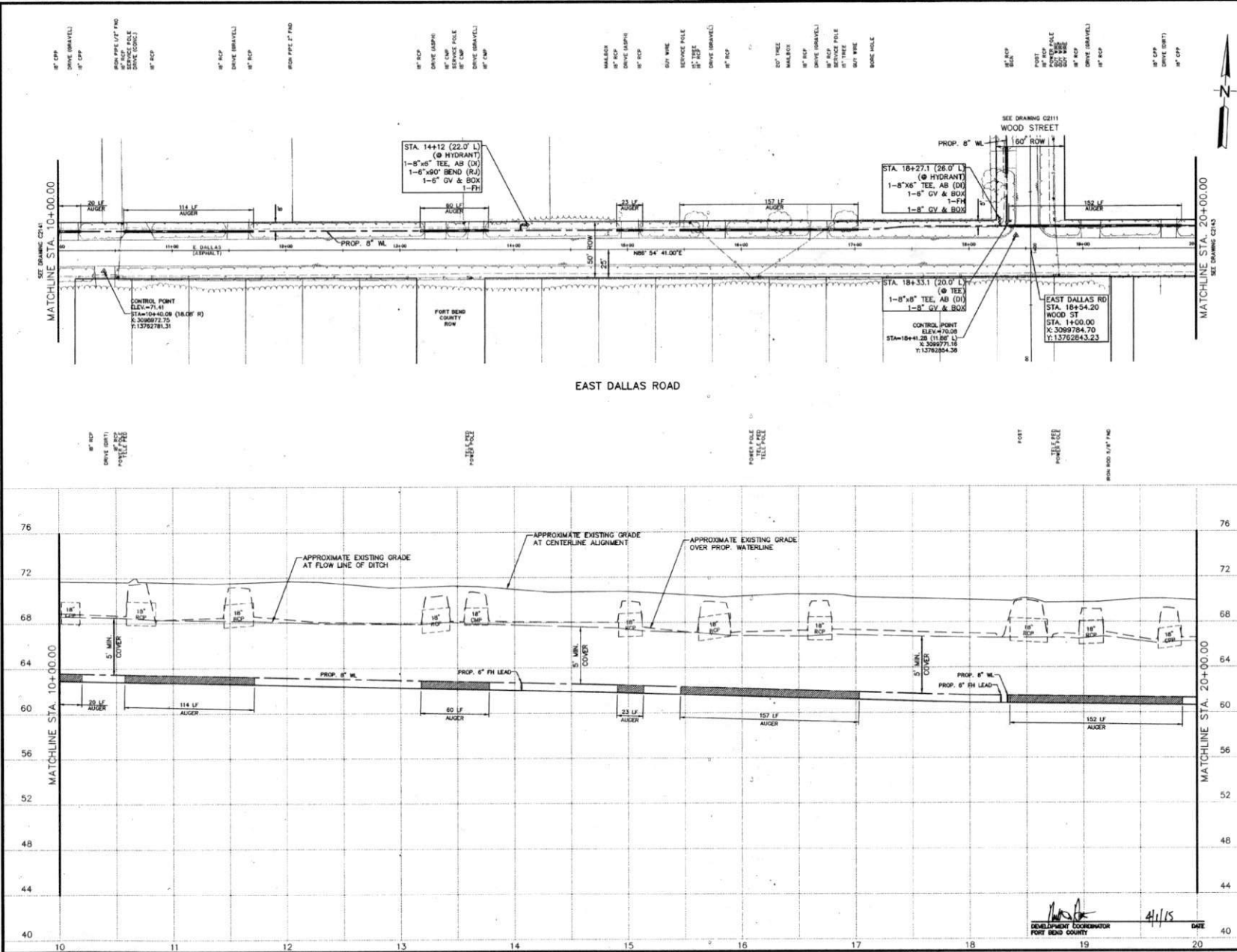
WJZ Date 4/9/15
Approximate FLET Texas SWIFT underground utility location ONLY.
Signature valid for one year.

NO.	DESCRIPTION	DATE	DWN.	CHK.



EAST DALLAS ROAD
STA. 10+00.00 TO STA. 20+00.00

PROJECT NO. WH04H7514 SHEET NO. 17 OF 86
DATE: APR, 2014 W. 1" = 40'
SERIAL W. GODDETTE DRAWING NO. 17 OF 86
DESIGNED Z. APPELLISIA
CHECKED C. SWEET



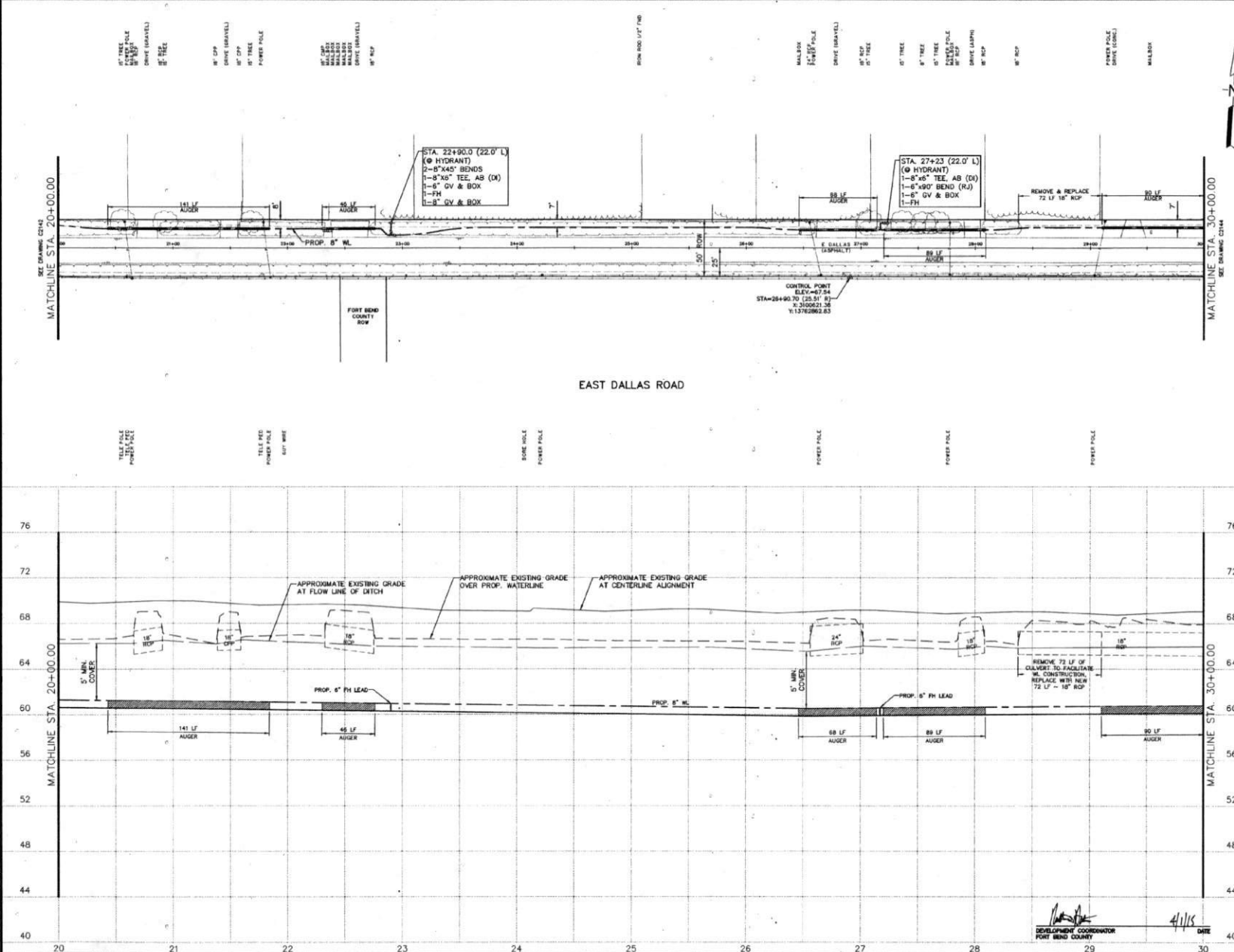
PROJECT BENCHMARK:
 NOS DESIGNATED M 658
 BENCHMARK FOUND IN TOP AND APPROXIMATELY 1.0 FEET EAST OF
 WEST END OF SOUTH CONCRETE HEADWALL OF AN 48" TYPE
 CULVERT UNDER STATE ROUTE 288 AT JUNCTION OF DALLAS
 ROAD EAST APPROXIMATELY 38 FEET EAST OF THE
 CENTERLINE OF STATE ROUTE 288 AND 13 FEET SOUTH OF THE
 CENTERLINE OF DALLAS RD.
 ELEVATION TO TO FEET (NAVD 88)

- NOTES:**
- CONTRACTOR SHALL PROVIDE ACCESS TO HOMES AT ALL TIMES.
 - CONTRACTOR SHALL RETURN DITCHES TO PRE-CONSTRUCTION CONDITIONS OR BETTER UNLESS NOTED OTHERWISE.
 - FIRE HYDRANTS TO BE INSTALLED 3' OFF R/O-W LINE, UNLESS NOTED OTHERWISE.
 - ALL WATERLINES CROSSING COUNTY STREETS, INCLUDING LEADS, SHALL BE AUGERED AT LEAST 3' EACH SIDE OF PAVEMENT.
 - WATERLINES ARE ANTICIPATED TO EXIST WITHIN THIS PORTION OF THE PROJECT. EXACT LOCATION OF THE WATERLINES ARE UNKNOWN, IF ENCOUNTERED, CONTRACTOR SHALL WORK AROUND THESE UTILITIES IN ORDER TO KEEP THEM IN OPERATION.

TO ARRANGE FOR LINES TO BE TURNED OFF OR MOVED, CALL CENTROPPOINT ENERGY AT 713-207-2222
NOTICE:
 For your safety, you are required by Texas Law to call 811 at least 48 hours before you dig on the underground lines can be marked. This Verification does not limit your obligation to call 811.

VERIFICATION OF PRIVATE UTILITY LINES

Signature	Date
<i>[Signature]</i>	4/3/15
NewPoint Energy/Natural Gas Facilities Verification ONLY. (This signature verifies that the team above called before digging and does not constitute a guarantee of location or depth. It is not to be used for certified verification.) (Gas service lines are NOT shown.) Signature Valid for 60 months.	
Signature	Date
<i>[Signature]</i>	4/6/15
NewPoint Energy/UNDERGROUND Electrical Facilities Verification ONLY. (This signature verifies existing underground electrical - not to be used for certified verification.) (Signature valid for 60 months.) Signature Valid for 60 months.	
Signature	Date
<i>[Signature]</i>	4/9/15
Approved for AT&T Texas SMRT underground conduit facilities ONLY. Signature Valid for one year.	



NO.	DESCRIPTION	DATE	CHG.

SEAL OF THE STATE OF TEXAS
 COMMISSIONER OF PUBLIC SAFETY
 JACOB CHENEY
 APR 13 2015

JACOB CHENEY GROUP INC. - 8344
 STATE COLLEGE, TEXAS 77722
 TEXAS REGISTRATION NO. 0210415

JACOBS
 5955 ROCKGARDEN ROAD
 HOUSTON, TEXAS 77072
 MAIN 281.2616200

FORT BEND COUNTY FRESHWATER SUPPLY DISTRICT NO. 1
 PHASE II - WATERLINE IMPROVEMENTS

EAST DALLAS ROAD
 STA. 20+00.00 TO STA. 30+00.00

PROJECT NO. V010017514 Date: 4/15/15 SHEET 18 OF 28
 DATE: APR. 2014 No. 11' x 40'
 DESIGN: M. GOSSETTE No. 11' x 40'
 DRAWN: J. APPELLATE No. 11' x 40'
 CHECKED: D. SMITH No. 11' x 40'

DEVELOPMENT COORDINATOR
 FORT BEND COUNTY
 DATE: 4/1/15



FOR BURIED UTILITY INFORMATION
TWO (2) BUSINESS DAYS
BEFORE YOU DO CALL 811
(OR 1-800-545-4000 Texas811)
(OR 1-800-888-6344 Lone Star 811)
UTILITY NOTIFICATION ONE CALL
www.onecall11.com
www.811.com

PROJECT BENCHMARK:
NGS DESIGNATED M 888
888 FOUND IN TOP AND APPROXIMATELY 1.18 FEET EAST OF
WEST END OF SOUTH CONCRETE HEADWALL OF AN 48" PIPE
CULVERT UNDER STATE ROUTE 688 AT JUNCTION OF DALLAS
ROAD EAST, APPROXIMATELY 38 FEET EAST OF THE
CENTERLINE OF STATE ROUTE 688 AND 13 FEET SOUTH OF THE
CENTERLINE OF DALLAS RD.
ELEVATION TO 70 FEET (MAYD 88)

- NOTES:
- CONTRACTOR SHALL PROVIDE ACCESS TO HOMES AT ALL TIMES.
 - CONTRACTOR SHALL RETURN DITCHES TO PRE-CONSTRUCTION CONDITIONS OR BETTER UNLESS NOTED OTHERWISE.
 - FIRE HYDRANTS TO BE INSTALLED 3' OFF 8'-0" W LINE, UNLESS NOTED OTHERWISE.
 - ALL WATERLINES CROSSING COUNTY STREETS, INCLUDING LEADS, SHALL BE AUGERED AT LEAST 3' EACH SIDE OF PAVEMENT.
 - WATERLINES ARE ANTICIPATED TO EXIST WITHIN THIS PORTION OF THE PROJECT. EXACT LOCATION OF THE WATERLINES ARE UNKNOWN. IF ENCOUNTERED, CONTRACTOR SHALL WORK AROUND THESE UTILITIES IN ORDER TO KEEP THEM IN OPERATION.

TO ARRANGE FOR LINES TO BE TURNED OFF OR MOVED, CALL CENTERPOINT ENERGY AT 713-267-3222, NOTICE:
For your safety, you are required by Texas Law to call 811 at least 48 hours before you dig. Dig without this notification can be marked. This notification does not guarantee your company to call 811.

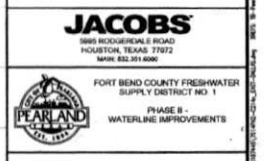
VERIFICATION OF PRIVATE UTILITY LINES
Amor Date 4/8/15
CenterPoint Energy/Natural Gas Facilities Verification Only
(This Signature verifies that the same above CPEF Natural Gas lines currently not to be used for conflict verification.) Signature Valid for six months.

Amor Date 4/8/15
CenterPoint Energy/ELECTRIC/AND Electrical Facilities Verification ONLY
(This Signature verifies existing underground facilities - not to be used for conflict verification.) Signature Valid for six months.

M22 Date 4/9/15
Approved for AT&T Texas SIVET underground conduit facilities ONLY. Signature Valid for six months.

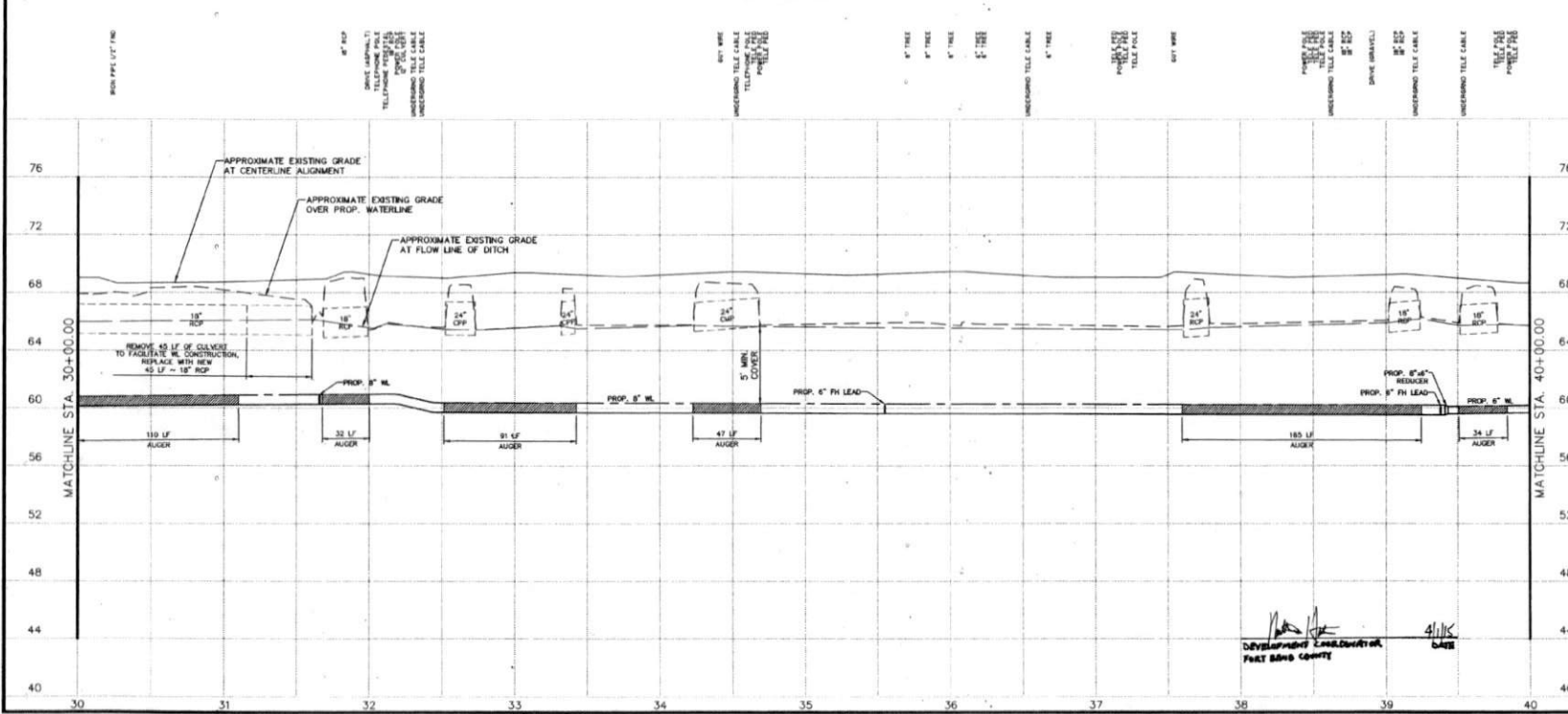
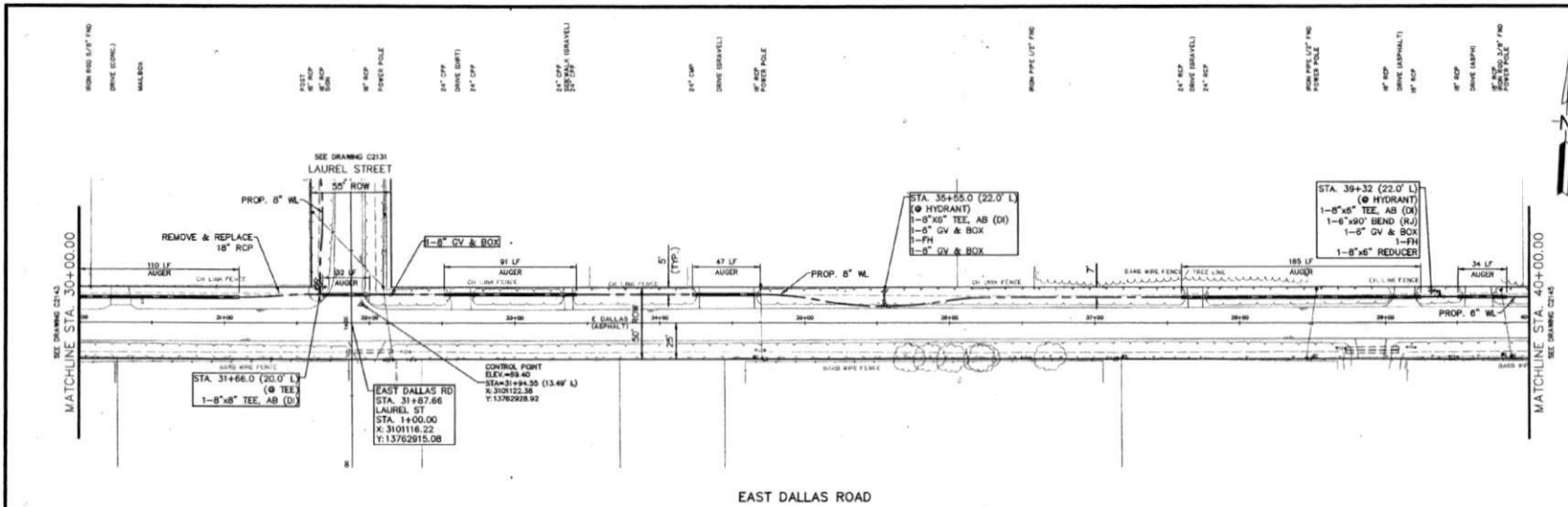
NO.	DESCRIPTION	DATE	DWN.	CHK.

JACOBS ENGINEERING GROUP, P.C.
1100 FIVE PARKWAY SOUTH
HOUSTON, TEXAS 77002
3/31/15



EAST DALLAS ROAD
STA. 30+00.00 TO STA. 40+00.00

PROJECT NO. 100-0007514 Date: 1" = 40'
DATE: APRIL 2014 V: 1" = 4'
DESIGN: BY: CROCKETTE
DRAWN: J. APPELGATE
CHECKED: G. SMITH C2144
SHEET
19
OF 88



811 FOR BURIED UTILITY INFORMATION
 TWO (2) BUSINESS DAYS
 BEFORE YOU DIG CALL 811
 (OR 1-800-545-6005 Texas 811)
 (OR 1-800-866-8344 Lone Star 811)
 UTILITY INFORMATION ONE CALL
 www.onecall11.org

PROJECT BENCHMARK:
 NOS DESIGNATED M 858
 DATA FOUND IN TIP AND APPROXIMATELY 18 FEET EAST OF
 WEST END OF SOUTH CONCRETE HEADWALL OF AN 40" PIPE
 COLLECT UNDER STATE ROUTE 286. AT JUNCTION OF DALLAS
 ROAD EAST APPROXIMATELY 38 FEET EAST OF THE
 CENTERLINE OF STATE ROUTE 286 AND 13 FEET SOUTH OF THE
 CENTERLINE OF DALLAS RD.
 ELEVATION 70.70 FEET (NAVD 88)

- NOTES:
- CONTRACTOR SHALL PROVIDE ACCESS TO HOMES AT ALL TIMES.
 - CONTRACTOR SHALL RETURN DITCHES TO PRE-CONSTRUCTION CONDITIONS OR BETTER UNLESS NOTED OTHERWISE.
 - FIRE HYDRANTS TO BE INSTALLED 3' OFF R-O-M LINE, UNLESS NOTED OTHERWISE.
 - ALL WATERLINES CROSSING COUNTY STREETS INCLUDING LEADS, SHALL BE AUGERED AT LEAST 5' EACH SIDE OF PAVEMENT.

TO ARRANGE FOR LINES TO BE TURNED OFF OR MOVED, CALL CENTERPOINT ENERGY AT 713-201-2222
NOTICE:
 For your safety, you are required by Texas Law to call 811 at least 48 hours before you dig so that underground lines can be marked. This verification does not shift your obligation to call 811.

VERIFICATION OF PRIVATE UTILITY LINES

Signature Date 4/8/15
 CenterPoint Energy (GAS/GEORGIA) Electrical Facilities Verification ONLY
 (This Signature verifies that you have shown CPEI marked Gas lines correctly and to be used for conflict verification.) (Gas services are NOT shown.)
 Signature Valid for six months.

Signature Date 4/8/15
 CenterPoint Energy (GAS/GEORGIA) Electrical Facilities Verification ONLY
 (This Signature verifies existing underground facilities - not to be used for conflict verification.) Signature Valid for six months.

Signature Date 4/9/15
 Approved by 811 Texas 811 underground facilities CPEI.
 Signature Valid for one year.

DATE	DESCRIPTION	DATE	ENR.	CHK.

STATE OF TEXAS
 DAVID CHARLES STEAL, A.
 11750
Signature
 DAVID CHARLES STEAL, A.
 11750
 TEXAS REGISTERED NO. 31784
 02/04/15

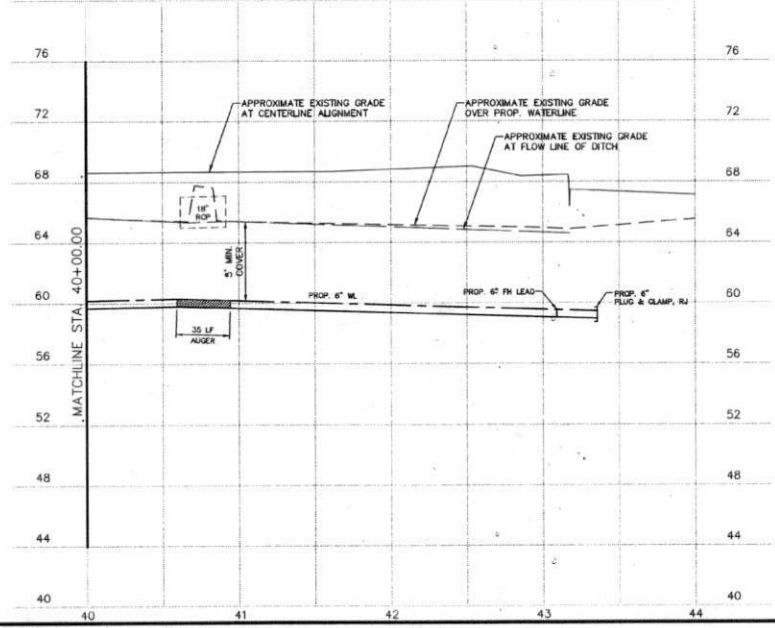
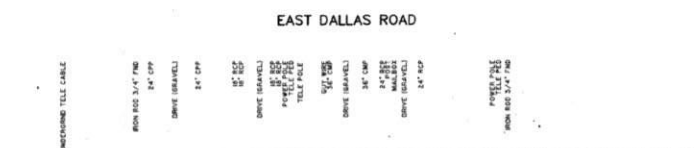
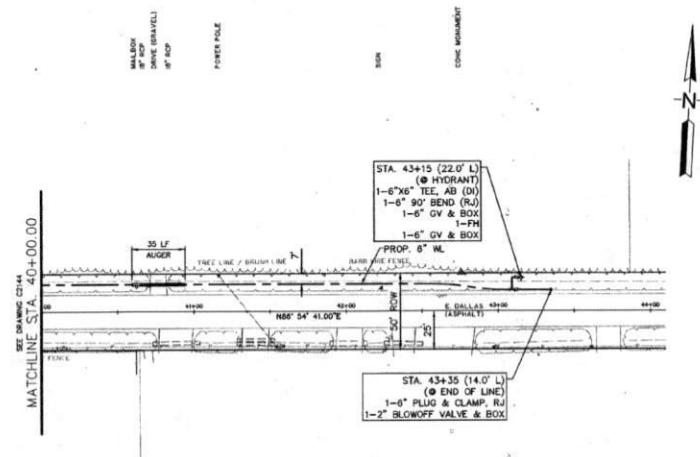
JACOBS
 3905 HICKORYDALE ROAD
 HOUSTON, TEXAS 77027
 MOBILE 832.351.8000

FORT BEND COUNTY FRESHWATER SUPPLY DISTRICT NO. 1
 PHASE II - WATERLINE IMPROVEMENTS

EAST DALLAS ROAD
 STA. 40+00.00 TO STA. 44+00.00

PROJECT NO. WH007514
 DATE: APR, 2014
 DRAWN: W. GODDETTE
 CHECKED: J. APPELLATE
 DESIGNED: D. SMITH

Scale: 1" = 40'
 Drawing No.: C2145
 SHEET: 20 OF 80



Signature
 DEVELOPMENT COORDINATOR
 FORT BEND COUNTY

Signature
 DATE

PROJECT BENCHMARK:
 NOT DESIGNATED IS 808
 BENCHMARK FOUND IN TOP AND APPROXIMATELY 18 FEET EAST OF WEST END OF SOUTH CONCRETE HEADWALL OF AN 8" FIBER OPTIC VENT UNDER STATE ROUTE 521 AT JUNCTION OF DALLAS ROAD EAST APPROXIMATELY 15 FEET EAST OF THE CENTERLINE OF STATE ROUTE 521 AND 13 FEET SOUTH OF THE CENTERLINE OF DALLAS RD.

ELEVATION TO FEET (NAVD 88)

NOTES:

- CONTRACTOR SHALL PROVIDE ACCESS TO HOMES AT ALL TIMES.
- CONTRACTOR SHALL RETURN DITCHES TO PRE-CONSTRUCTION CONDITIONS OR BETTER UNLESS NOTED OTHERWISE.
- FIRE HYDRANTS TO BE INSTALLED 3' OFF R-O-W LINE UNLESS NOTED OTHERWISE.
- ALL WATERLINES CROSSING COUNTY STREETS INCLUDING LEADS, SHALL BE ANGGER AT LEAST 5' EACH SIDE OF PAVEMENT.

TO ARRANGE FOR LINES TO BE TURNED OFF OR MOVED, CALL CENTERPOINT ENERGY AT 713.207.2222
NOTICE:
 For your safety, you are required to Texas Law call 811 at least 48 hours before you dig so that underground lines be marked. The Verification does not nullify your obligation to call 811.

VERIFICATION OF PRIVATE UTILITY LINES

[Signatures and dates for utility verification]

DATE 4/15/14
 DATE 4/15/14
 DATE 4/15/14

NO.	DESCRIPTION	DATE	ENCL.	CHK.

JACOBS
 8800 ROCKDALE ROAD
 HOUSTON, TEXAS 77055
 MARY 832.391.6880

PEARLAND
 FORT BEND COUNTY FRESHWATER SUPPLY DISTRICT NO. 1
 PHASE II - WATERLINE IMPROVEMENTS

HOUSTON STREET
 STA. 0+00.00 TO STA. 8+00.00

PROJECT NO. W00307514
 DATE: APRIL 2014
 REVISION: W. GOODRICH
 DRAWING NO. C2151
 SHEET 21 OF 66

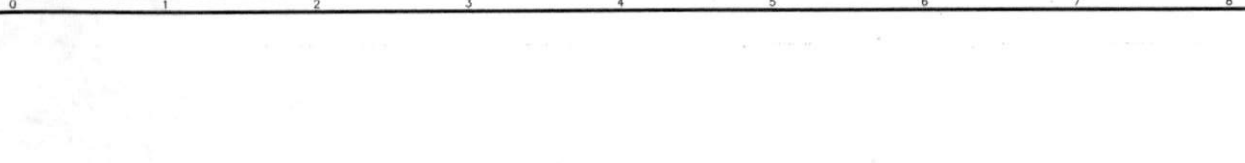
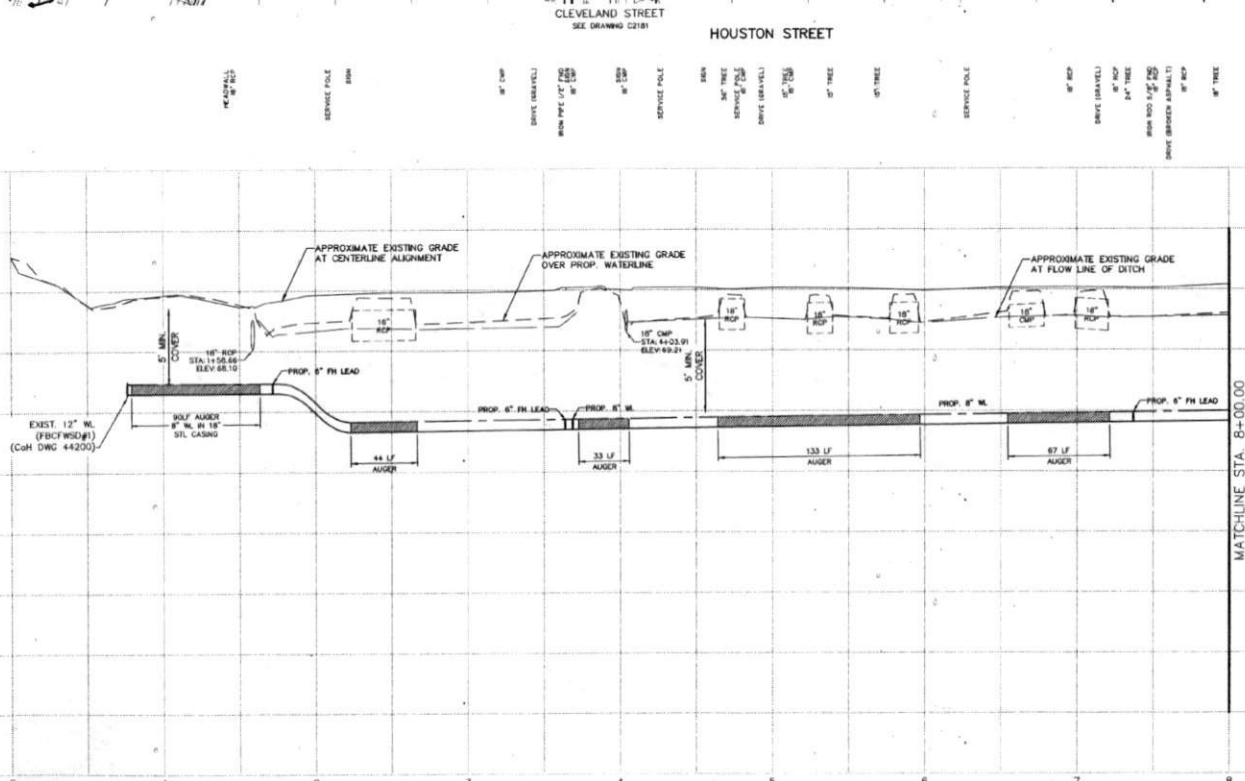
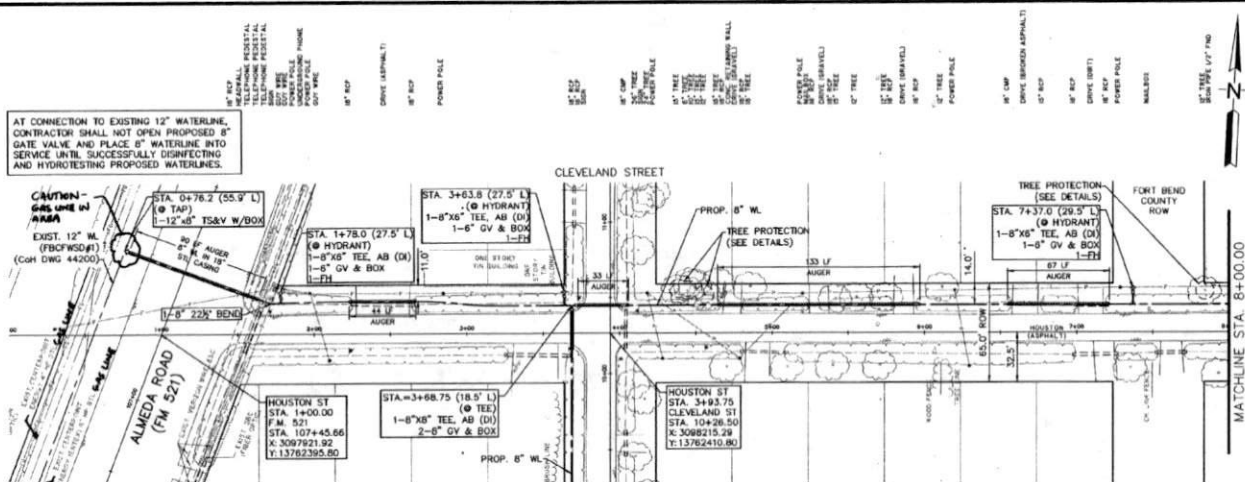
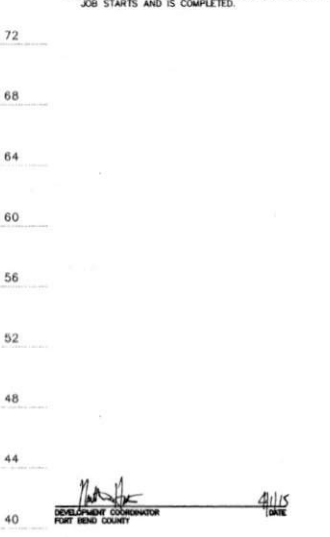
APPROVAL FORM

DESIGNER: [Signature]
 CHECKED BY: [Signature]
 DATE: [Date]

APPROVAL: [Signature]
 TITLE: [Title]
 DATE: [Date]

NOTES:
 1. ALL DIMENSIONS ARE TO CENTERLINE UNLESS NOTED OTHERWISE.
 2. ALL DIMENSIONS ARE TO FACE UNLESS NOTED OTHERWISE.
 3. ALL DIMENSIONS ARE TO CENTERLINE UNLESS NOTED OTHERWISE.
 4. ALL DIMENSIONS ARE TO FACE UNLESS NOTED OTHERWISE.
 5. ALL DIMENSIONS ARE TO CENTERLINE UNLESS NOTED OTHERWISE.
 6. ALL DIMENSIONS ARE TO FACE UNLESS NOTED OTHERWISE.
 7. ALL DIMENSIONS ARE TO CENTERLINE UNLESS NOTED OTHERWISE.
 8. ALL DIMENSIONS ARE TO FACE UNLESS NOTED OTHERWISE.
 9. ALL DIMENSIONS ARE TO CENTERLINE UNLESS NOTED OTHERWISE.
 10. ALL DIMENSIONS ARE TO FACE UNLESS NOTED OTHERWISE.

- FM521 CROSSING NOTES:**
- STEEL CASING REQUIRED AT CROSSING.
 - CASING SHALL BE INSTALLED BY DRY BORE AND JACK.
 - LINK SEAL EACH END OF CASING.
 - PROVIDE CASING SPACERS PER MANUFACTURER'S RECOMMENDATIONS (MIN. 1" SPACERS AT 5' CENTER-TO-CENTER).
 - CONTRACTOR SHALL CONTACT ISRAEL CUELLER AT (281) 238-7955 PRIOR TO BEGINNING WORK TO OBTAIN AN APPROVED TRAFFIC CONTROL PLAN.
 - NO DIRT NUISANCE TO ROADWAY.
 - ALL SURPLUS MATERIAL SHALL BE REMOVED FROM THE RIGHT-OF-WAY AND THE EXCAVATION FINISHED FLUSH WITH SURROUNDING NATURAL GROUND.
 - NO BORE PITS TO BE LEFT UNPROTECTED.
 - AREA DISTURBED BY WORK SHALL BE RE-SOODED.
 - CONTACT ISRAEL CUELLER AT (281) 238-7955 WHEN JOB STARTS AND IS COMPLETED.



811 FOR BUREAU UTILITY INFORMATION
 TWO (2) BUSINESS DAYS
 BEFORE YOU DIG CALL 811
 (OR 1-800-545-8000 Texas 811)
 (OR 1-800-688-8344 Lone Star 811)
 UTILITY NOTIFICATION ONE CALL
 www.texas811.com

PROJECT BENCHMARK:
 NOS DESIGNATED M 868
 DISK FOUND IN TOP AND APPROXIMATELY 18 FEET EAST OF
 WEST END OF SOUTH CONCRETE HEADWALL OF AN 8" PIPE
 CULVERT UNDER STATE ROUTE 288 AT JUNCTION OF DALLAS
 ROAD EAST APPROXIMATELY 30 FEET EAST OF THE
 CENTERLINE OF STATE ROUTE 288 AND 13 FEET SOUTH OF THE
 CENTERLINE OF DALLAS RD.
 ELEVATION TO 70 FEET (MAY 86)

- NOTES:**
- CONTRACTOR SHALL PROVIDE ACCESS TO HOMES AT ALL TIMES.
 - CONTRACTOR SHALL RETURN DITCHES TO PRE-CONSTRUCTION CONDITIONS OR BETTER UNLESS NOTED OTHERWISE.
 - FIRE HYDRANTS TO BE INSTALLED 3' OFF R-O-W LINE, UNLESS NOTED OTHERWISE.
 - ALL WATERLINES CROSSING COUNTY STREETS INCLUDING LEADS, SHALL BE AUGERED AT LEAST 5' EACH SIDE OF PAVEMENT.

TO ARRANGE FOR LINES TO BE TURNED OFF OR MOVED, CALL CENTERPOINT ENERGY AT 713-207-2222
NOTICE:
 For your safety, you are required by Texas Law to call 811 at least 48 hours before you dig so that underground lines can be marked. This notification does not waive your obligation to call 811.

VERIFICATION OF PRIVATE UTILITY LINES

Signature: *[Signature]* Date: 4/15
 Certified Engineering Consultant (Civil) Facilities Verification ONLY
 (This Signature verifies that you have shown CNP status and use lines carefully as to be used for conflict verification.) (Date services have been NOT shown.) Signature valid for six months.

Signature: *[Signature]* Date: 4/15
 Certified Engineering Consultant (Electrical) Facilities Verification ONLY
 (This Signature verifies existing underground facilities. This to be used for conflict verification.) Signature valid for six months.

Signature: *[Signature]* Date: 4-15
 Registered for STATE Texas SWMT underground consultant facilities ONLY.
 Signature valid for one year.

NO.	DESCRIPTION	DATE	DRW.	CHK.

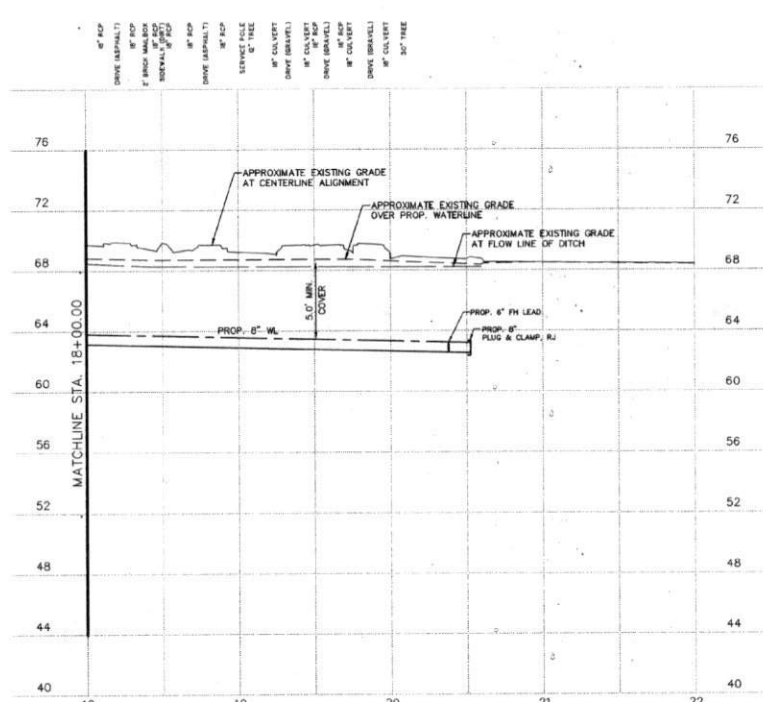
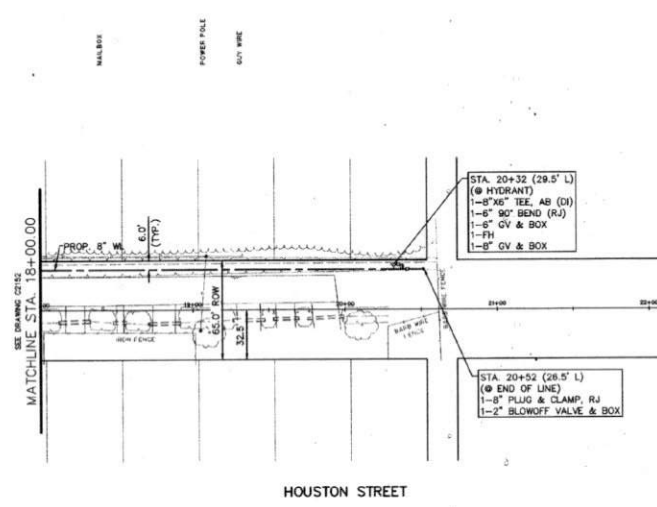
SEAL
 STATE OF TEXAS
 SANDY CHARLES DYKAL, JR.
 91706
 RESPONSIBLE ENGINEER
 SANDY CHARLES DYKAL, JR.
 TEXAS REGISTRATION NO. 27812
 02/16/15

JACOBS
 5905 HOOGERSDALE ROAD
 HOUSTON, TEXAS 77072
 PHONE 832-9140000

PEARLAND
 FORT BEND COUNTY FRESHWATER
 SUPPLY DISTRICT NO. 1
 PHASE II -
 WATERLINE IMPROVEMENTS

HOUSTON STREET
 STA. 18+00.00 TO STA. 22+00.00

PROJECT NO: WH007D14 Date: 1" = 40'
 DATE: APR, 2014 V: 1" = 4'
 DESIGN: W. DUCKETTE Consulting Inc.
 DRAWN: J. APPELGAUTE
 CHECKED: G. SMITH C2153
 SHEET 23
 OF 86



[Signature] 4/15 DATE
 DEVELOPMENT COORDINATOR
 FORT BEND COUNTY

811 FOR BURIED UTILITY INFORMATION
 TWO (2) BUSINESS DAYS
 BEFORE YOU DIG CALL 811
 (OR 1-800-645-6000 Texas811)
 (OR 1-800-669-8344 Lone Star 811)
 (OR 1-760-600-4444 Orange Call)
 www.texas811.org
 www.lonestar811.com

PROJECT BENCHMARK:
 NGS DESIGNATED M 608
 166' FOUND IN TOP AND APPROXIMATELY 18 FEET EAST OF
 WEST END OF SOUTH CONCRETE HEADWALL OF AN 8" PIPE
 CULVERT LOCATED SOUTH EAST JUNCTION OF DALLAS
 ROAD EAST APPROXIMATELY 39 FEET EAST OF THE
 CENTERLINE OF STATE ROUTE 288 AND 15 FEET SOUTH OF THE
 CENTERLINE OF DALLAS RD
 ELEVATION TO FEET (NAVD 88)

- NOTES:
- CONTRACTOR SHALL PROVIDE ACCESS TO HOMES AT ALL TIMES
 - CONTRACTOR SHALL RETURN DITCHES TO PRE-CONSTRUCTION CONDITIONS OR BETTER UNLESS NOTED OTHERWISE.
 - FIRE HYDRANTS TO BE INSTALLED 3' OFF R-O-W LINE UNLESS NOTED OTHERWISE.
 - ALL WATERLINES CROSSING COUNTY STREETS, INCLUDING LEADS, SHALL BE AUGURED AT LEAST 5' EACH SIDE OF PAVEMENT.

TO ARRANGE FOR LINES TO BE TURNED OFF OR MOVED, CALL CENTERPOINT ENERGY AT 713-207-2222
NOTICE:
 For your safety, you are required by Texas Law to call 811 at least 48 hours before you dig so that underground lines can be marked. This notification does not fulfill your obligation to call 811.

VERIFICATION OF PRIVATE UTILITY LINES

Hammer Date **4/6/15**
 CenterPoint Energy/Private Gas Facilities Verification ONLY
 (This Signature verifies that you have shown COP before Gas has been correctly dug to be used for conflict verification.) (Gas service lines are NOT shown.)
 Signature Valid for six months.

Hammer Date **4/8/15**
 CenterPoint Energy/UNDERGROUND Electrical Facilities Verification ONLY
 (This Signature verifies existing underground facilities, and will be used for conflict verification.) Signature Valid for six months.

MJZ Date **4-9-15**
 Approved for AT&T Texas GSWT underground conduit facilities ONLY
 Signature Valid for one year.

LN#	DESCRIPTION	DATE	CHK.	CHK.

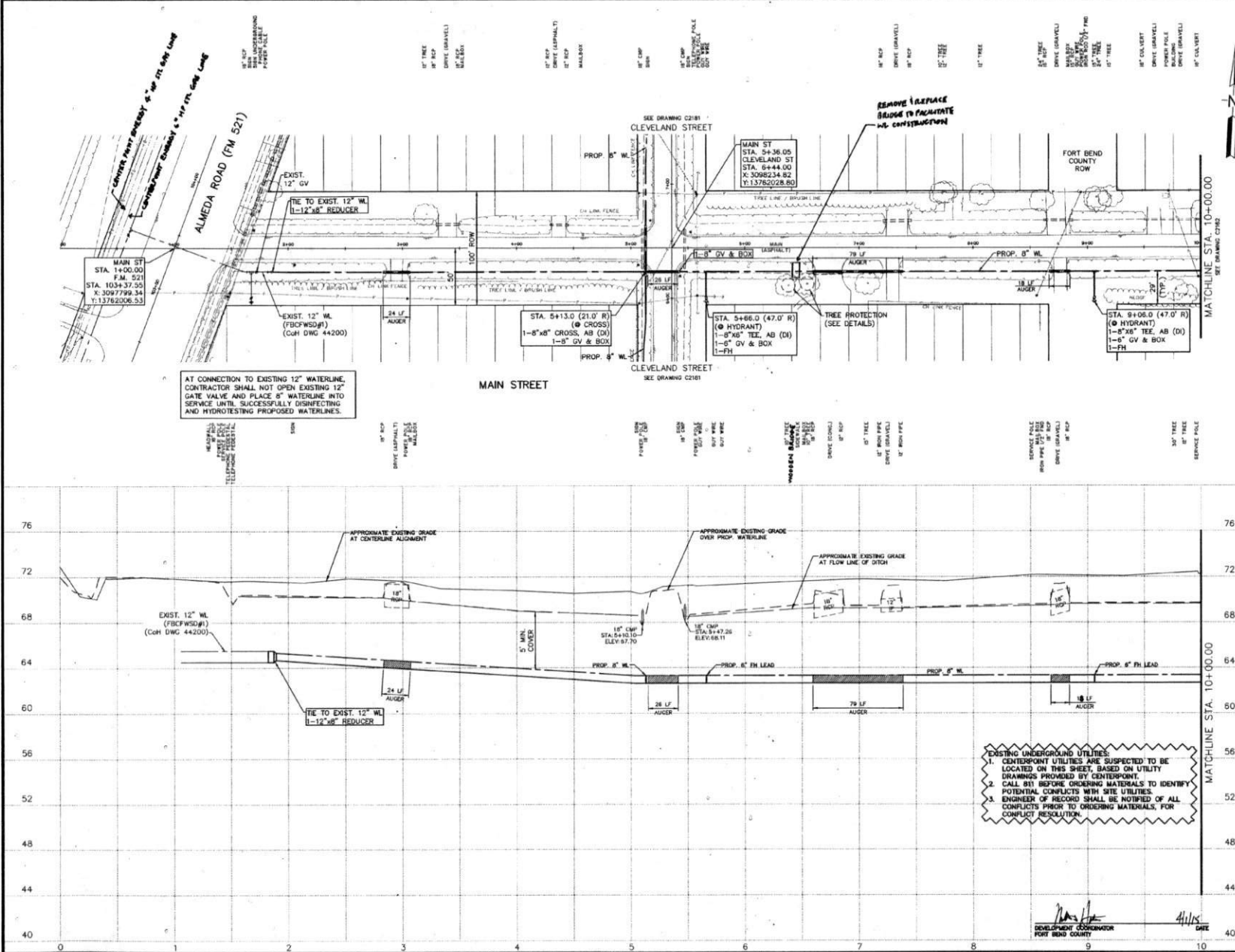
JACOBS
 8606 RODRIGUEZ ROAD
 HOUSTON, TEXAS 77057
 MARK 832.311.0000
Jacob S. Smith
 JACOB S. SMITH
 CIVIL ENGINEER GROUP #C-266
 STATE REGISTRATION NO. 8794

JACOBS
 8606 RODRIGUEZ ROAD
 HOUSTON, TEXAS 77057
 MARK 832.311.0000

PEARLAND
 FORT BEND COUNTY FRESHWATER
 SUPPLY DISTRICT NO. 1
 PHASE II -
 WATERLINE IMPROVEMENTS

MAIN STREET
 STA. 0+00.00 TO STA. 10+00.00

PROJECT NO.	W-0007214	DATE	APR 2014	SCALE	1" = 40'	SHEET	24
DRAWN	W. GOGGETTE	CHECKED	J. APPLIGATE	DATE	4/15/15	PROJECT	C2161
DESIGN	W. GOGGETTE	DATE	4/15/15	SCALE	1" = 40'	SHEET	24
DESIGN	J. APPLIGATE	DATE	4/15/15	SCALE	1" = 40'	SHEET	24
DESIGN	D. SWITZ	DATE	4/15/15	SCALE	1" = 40'	SHEET	24



EXISTING UNDERGROUND UTILITIES
 1. CENTERPOINT UTILITIES ARE SUSPECTED TO BE LOCATED ON THIS SHEET, BASED ON UTILITY DRAWINGS PROVIDED BY CENTERPOINT.
 2. CALL 811 BEFORE ORDERING MATERIALS TO IDENTIFY POTENTIAL CONFLICTS WITH SITE UTILITIES.
 3. ENGINEER OF RECORD SHALL BE NOTIFIED OF ALL CONFLICTS PRIOR TO ORDERING MATERIALS, FOR CONFLICT RESOLUTION.

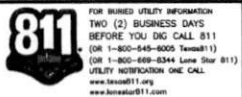
Hammer
 DEVELOPMENT COORDINATOR
 FORT BEND COUNTY

Hammer
 DATE

AT CONNECTION TO EXISTING 12" WATERLINE, CONTRACTOR SHALL NOT OPEN EXISTING 12" GATE VALVE AND PLACE 6" WATERLINE INTO SERVICE UNTIL SUCCESSFULLY DISINFECTING AND HYDROTESTING PROPOSED WATERLINES.

REMOVE & REPLACE BRIDGE TO FACILITATE IN-CONSTRUCTION

TREE PROTECTION (SEE DETAILS)



PROJECT BENCHMARK:
 NGS DESIGNATED M 565
 MARK FOUND IN TOP AND APPROXIMATELY 18 FEET EAST OF WEST END OF SOUTH CONCRETE HEADWALL OF AN 18" PIPE CULVERT UNDER STATE ROUTE 208 AT JUNCTION OF DALLAS ROAD EAST APPROXIMATELY 39 FEET EAST OF THE CENTERLINE OF STATE ROUTE 208 AND IS FEET SOUTH OF THE ELEVATION TO 70 FEET (MAY 88)

- NOTES:**
- CONTRACTOR SHALL PROVIDE ACCESS TO HOMES AT ALL TIMES.
 - CONTRACTOR SHALL RETURN DITCHES TO PRE-CONSTRUCTION CONDITIONS OR BETTER UNLESS NOTED OTHERWISE.
 - FIRE HYDRANTS TO BE INSTALLED 3' OFF R/O-W LINE UNLESS NOTED OTHERWISE.
 - ALL WATERLINES CROSSING COUNTY STREETS, INCLUDING LEADS, SHALL BE AUGERED AT LEAST 5' EACH SIDE OF PAVEMENT.

TO ARRANGE FOR LINES TO BE TURNED OFF OR MOVED, CALL CENTERPOINT ENERGY AT 713-281-2222
NOTICE:
 For your safety, you are required by Texas Law to call 811 at least 48 hours before any excavation work is to be started. The Verification does not waive your obligation to call 811.
VERIFICATION OF PRIVATE UTILITY LINES

[Signature] Date 4/6/14
 Certified Energy/Private Gas Facilities Verification ONLY
 (This Signature verifies existing underground facilities - valid to be used for conflict verification.) (Gas service lines are NOT shown.)
 Signature valid for six months.

[Signature] Date 4/6/14
 CenterPoint Energy/Underground Electrical Facilities Verification ONLY
 (This Signature verifies existing underground facilities - valid to be used for conflict verification.) Signature valid for six months.

[Signature] Date 4-9-14
 Operators for ALL Texas SWIFT underground conduit facilities ONLY
 Signature valid for one year.

MR. DESCRIPTION	DATE	ENR.	CHG.

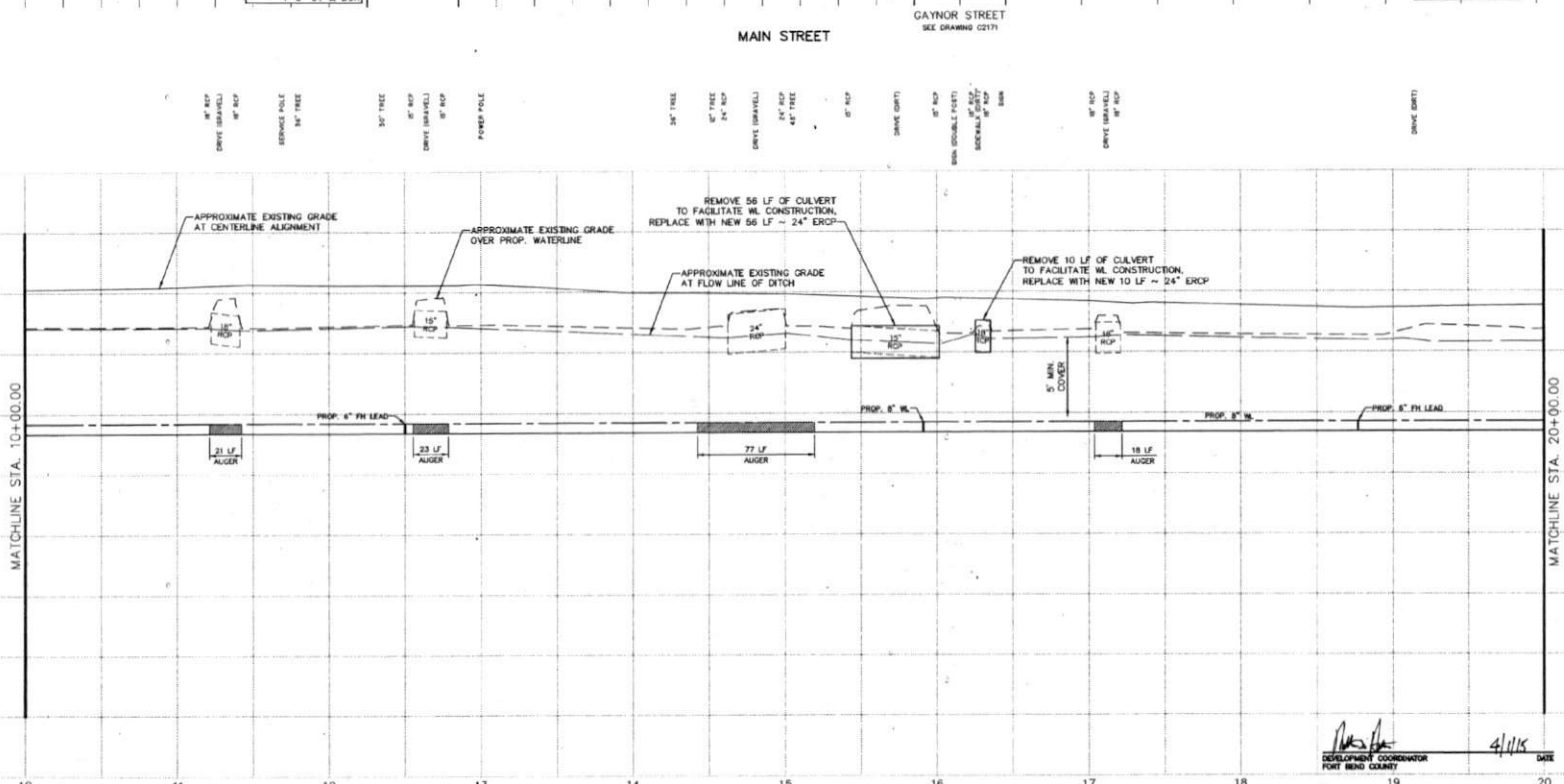
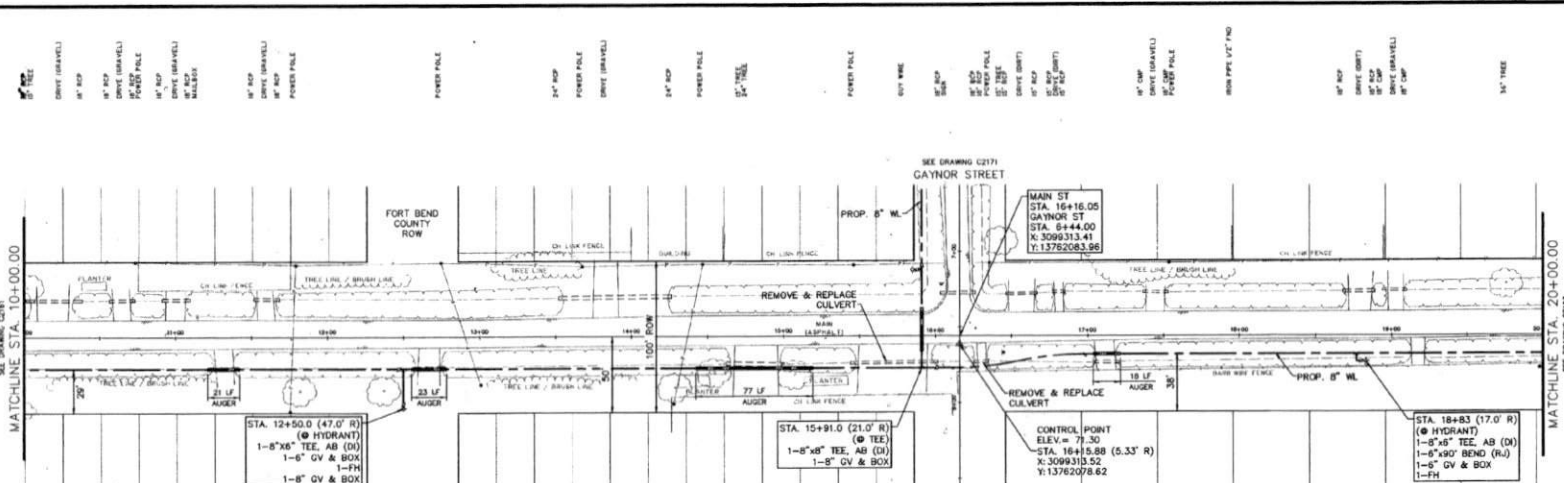
SEAL OF THE STATE OF TEXAS
 JAMES W. DAVIS
 JAMES W. DAVIS
 JAMES W. DAVIS
 TEXAS REGISTRATION NO. 912418

JACOBS
 5665 RIDGECREEK ROAD
 HOUSTON, TEXAS 77072
 MARK 822.31.8500

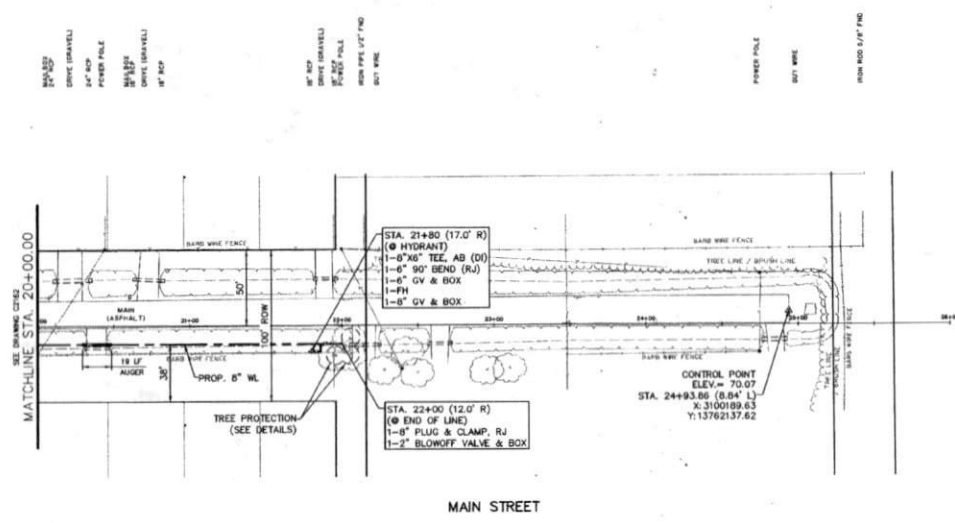
PEARLAND
 FORT BEND COUNTY FRESHWATER SUPPLY DISTRICT NO. 1
 PHASE II - WATERLINE IMPROVEMENTS

MAIN STREET
 STA. 10+00.00 TO STA. 20+00.00

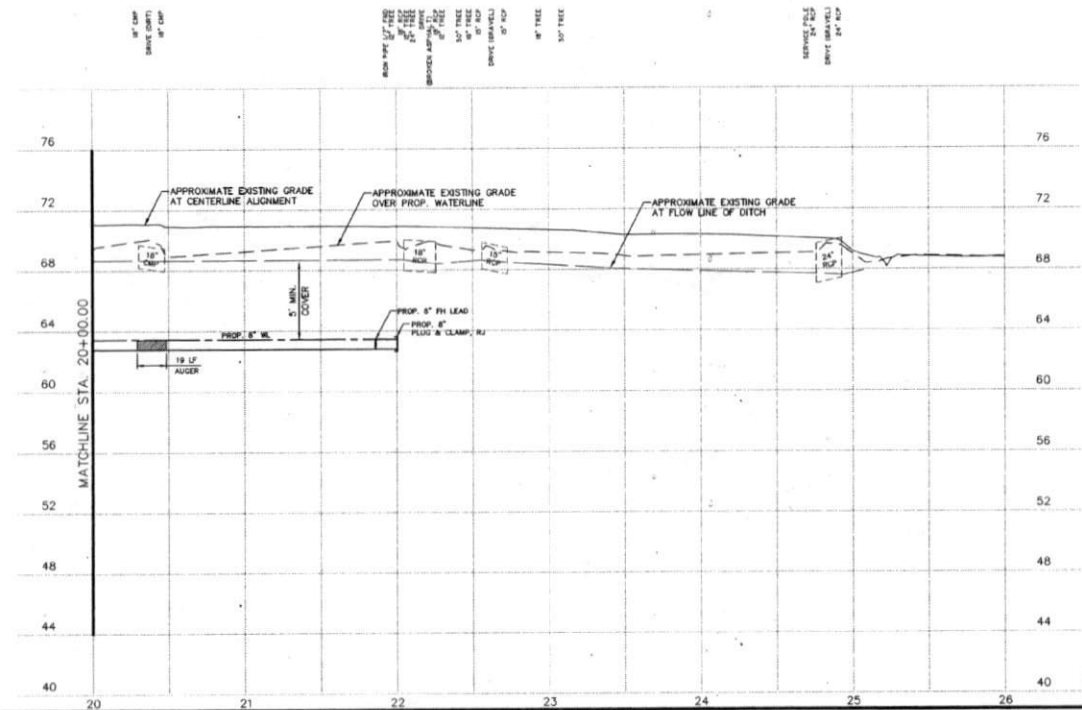
PROJECT NO: WH0217514	SHEET NO: 25
DATE: APRIL 2014	OF 85
DESIGNER: W. SODERTE	Scale: 1" = 4'
DATE: 2 APRIL 2014	Scale: 1" = 4'
ISSUE: 2 APRIL 2014	Scale: 1" = 4'
DRAWN: C. SMITH	Scale: 1" = 4'



DEVELOPMENT COORDINATOR
 FORT BEND COUNTY
[Signature] Date 4/11/14



MAIN STREET



[Signature] 4/15
 DEVELOPMENT COORDINATOR
 FORT BEND COUNTY

811 FOR BURIED UTILITY INFORMATION
 BEFORE YOU DIG CALL 811
 (OR 1-800-545-6000 Texas811)
 (OR 1-800-800-8344 Lone Star 811)
 UTILITY NOTIFICATION ONE CALL
 www.texas811.org
 www.lonestar811.com

PROJECT BENCHMARK:
 NGS DESIGNATED M 805
 BSM FOUND ON TOP AND APPROXIMATELY 1.8 FEET EAST OF
 WEST END OF EXISTING CONCRETE HEADWALL OF AN 8\"/>

- ELEVATION TO 70 FEET (SHALL BE)
- NOTES:
- CONTRACTOR SHALL PROVIDE ACCESS TO HOMES AT ALL TIMES.
 - CONTRACTOR SHALL RETURN DITCHES TO PRE-CONSTRUCTION CONDITIONS OR BETTER UNLESS NOTED OTHERWISE.
 - FIRE HYDRANTS TO BE INSTALLED 3' OFF R-O-W LINE, UNLESS NOTED OTHERWISE.
 - ALL WATERLINES CROSSING COUNTY STREETS INCLUDING LEADS, SHALL BE AUGERED AT LEAST 5' EACH SIDE OF PAVEMENT.

TO ARRANGE FOR LINES TO BE TURNED OFF OR MOVED, CALL CENTERPOINT ENERGY AT 713-207-2232
NOTICE:
 For your safety, you are required by Texas Law to call 811 at least 48 hours before you dig so that underground lines can be marked. This Verification does not take your obligation to call 811.

VERIFICATION OF PRIVATE UTILITY LINES

[Signature] Date 4/15
 Underground Energy/Gas/Pipeline Verification ONLY
 (This Signature verifies that you have shown CIP markers Gas lines correctly, but do not certify for conflict resolution.) (This service does not verify other utilities.)
 Signature Valid for six months.

[Signature] Date 4/15
 Underground Energy/Underground Electrical/Pipeline Verification ONLY
 (This Signature verifies existing underground facilities, but does not certify for conflict resolution.) Signature valid for six months.

[Signature] Date 4-15
 Approved for AT&T Texas DWET underground conduct facilities ONLY.
 Signature Valid for one year.

MR. DESCRIPTION	DATE	DRAWN	CHECK

[Signature]
 RESPONSIBLE ENGINEER
 LICENSE EXPIRES 09/01/16
 STATE OF TEXAS
 TEXAS REGISTERED PROFESSIONAL ENGINEER
 DATE 4/15

JACOBS
 8805 HICKORYHALL ROAD
 HOUSTON, TEXAS 77072
 Made in the USA

FORT BEND COUNTY FRESHWATER SUPPLY DISTRICT NO. 1
PEARLAND
 PHASE II - WATERLINE IMPROVEMENTS

MAIN STREET
 STA. 20+00.00 TO STA. 26+00.00

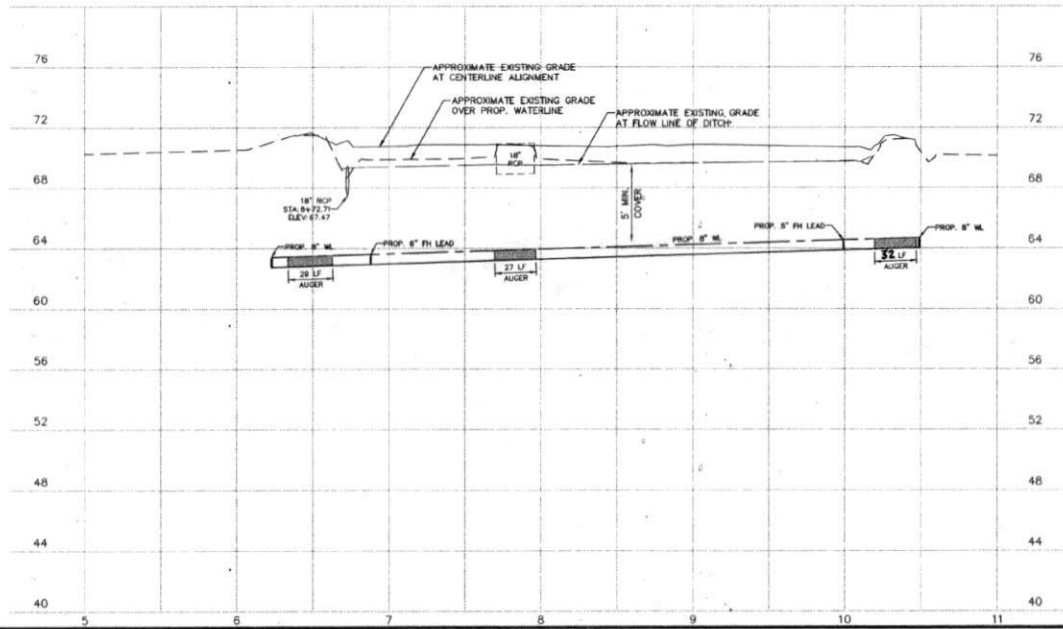
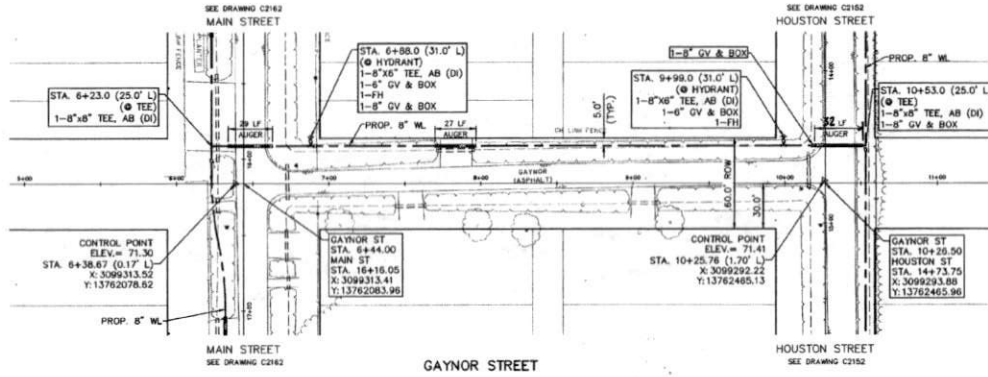
PROJECT NO. WH4247314 Date: 1" = 40'
 DATE: APR, 2014 V: 1" = 4'
 DRAWN: W. GODETTE Drawing No.
 CHECKED: D. SMITH
 SHEET: C2163 OF 86



FOR BURIED UTILITY INFORMATION
 BEFORE YOU DIG CALL 811
 (OR 1-800-545-6005 Texas811)
 (OR 1-800-688-8244 Lower Star 811)
 UTILITY NOTIFICATION ONE CALL
 www.texas811.org
 www.lowerstar811.com

PROJECT BENCHMARK
 NGS DESIGNATED M 868
 DATA FOUND IN TOP AND APPROXIMATELY 18 FEET EAST OF
 WEST END OF SOUTH CORNER OF SEARALL, OF AN 87' PIPE
 CULVERT UNDER STATE ROUTE 288, AT JUNCTION OF BALLARS
 ROAD EAST APPROXIMATELY 39 FEET EAST OF THE
 CENTERLINE OF STATE ROUTE 288 AND 13 FEET SOUTH OF THE
 CENTERLINE OF DALLAS RD
 ELEVATION TO 70 FEET NAVD 88!

- NOTES:
- CONTRACTOR SHALL PROVIDE ACCESS TO HOMES AT ALL TIMES.
 - CONTRACTOR SHALL RETURN DITCHES TO PRE-CONSTRUCTION CONDITIONS OR BETTER UNLESS NOTED OTHERWISE.
 - FIRE HYDRANTS TO BE INSTALLED 3' OFF R-O-W LINE, UNLESS NOTED OTHERWISE.
 - ALL WATERLINES CROSSING COUNTY STREETS INCLUDING LEADS, SHALL BE AUGERED AT LEAST 5' EACH SIDE OF PAVEMENT.



TO ARRANGE FOR LINES TO BE TURNED OFF OR MOVED, CALL CENTERPOINT ENERGY AT 713-207-2222

NOTICE:
 For your safety, you are required by Texas Law to call 811 at least 48 hours before you dig so that underground lines can be marked. This Verification does not fully release you from liability to call 811.

VERIFICATION OF PRIVATE UTILITY LINES

Signature: [Signature] Date: 4/1/15
 Signature: [Signature] Date: 4/1/15

Signature: [Signature] Date: 4/1/15
 Signature: [Signature] Date: 4/1/15

Signature: [Signature] Date: 4/1/15
 Signature: [Signature] Date: 4/1/15

Signature: [Signature] Date: 4/1/15
 Signature: [Signature] Date: 4/1/15

Signature: [Signature] Date: 4/1/15
 Signature: [Signature] Date: 4/1/15

Signature: [Signature] Date: 4/1/15
 Signature: [Signature] Date: 4/1/15

Signature: [Signature] Date: 4/1/15
 Signature: [Signature] Date: 4/1/15

Signature: [Signature] Date: 4/1/15
 Signature: [Signature] Date: 4/1/15

Signature: [Signature] Date: 4/1/15
 Signature: [Signature] Date: 4/1/15

Signature: [Signature] Date: 4/1/15
 Signature: [Signature] Date: 4/1/15

Signature: [Signature] Date: 4/1/15
 Signature: [Signature] Date: 4/1/15

Signature: [Signature] Date: 4/1/15
 Signature: [Signature] Date: 4/1/15

Signature: [Signature] Date: 4/1/15
 Signature: [Signature] Date: 4/1/15

Signature: [Signature] Date: 4/1/15
 Signature: [Signature] Date: 4/1/15

Signature: [Signature] Date: 4/1/15
 Signature: [Signature] Date: 4/1/15

Signature: [Signature] Date: 4/1/15
 Signature: [Signature] Date: 4/1/15

Signature: [Signature] Date: 4/1/15
 Signature: [Signature] Date: 4/1/15

Signature: [Signature] Date: 4/1/15
 Signature: [Signature] Date: 4/1/15

Signature: [Signature] Date: 4/1/15
 Signature: [Signature] Date: 4/1/15

Signature: [Signature] Date: 4/1/15
 Signature: [Signature] Date: 4/1/15

Signature: [Signature] Date: 4/1/15
 Signature: [Signature] Date: 4/1/15

Signature: [Signature] Date: 4/1/15
 Signature: [Signature] Date: 4/1/15

Signature: [Signature] Date: 4/1/15
 Signature: [Signature] Date: 4/1/15

Signature: [Signature] Date: 4/1/15
 Signature: [Signature] Date: 4/1/15

Signature: [Signature] Date: 4/1/15
 Signature: [Signature] Date: 4/1/15

Signature: [Signature] Date: 4/1/15
 Signature: [Signature] Date: 4/1/15

Signature: [Signature] Date: 4/1/15
 Signature: [Signature] Date: 4/1/15

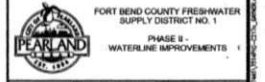
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 Signature: [Signature] Date: 4/1/15

Signature: [Signature] Date: 4/1/15
 Signature: [Signature] Date: 4/1/15

Signature: [Signature] Date: 4/1/15
 Signature: [Signature] Date: 4/1/15



JACOBS
 8800 RODGERSVILLE ROAD
 HOUSTON, TEXAS 77072
 Mailing: 832.201.8800



PHASE B -
 WATERLINE IMPROVEMENTS

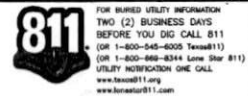
GAYNOR STREET
 STA. 5+00.00 TO STA. 11+00.00

PROJECT NO. WND-07534
 DATE: APR, 2014
 DRAWN: W. GOURTTE
 CHECKED: S. SMITH

Scale: 1" = 40'
 1" = 4'
 Drawing No.: C2171

SHEET 27 OF 86

DATE: 4/1/15
 DEVELOPMENT COORDINATOR
 FORT BEND COUNTY



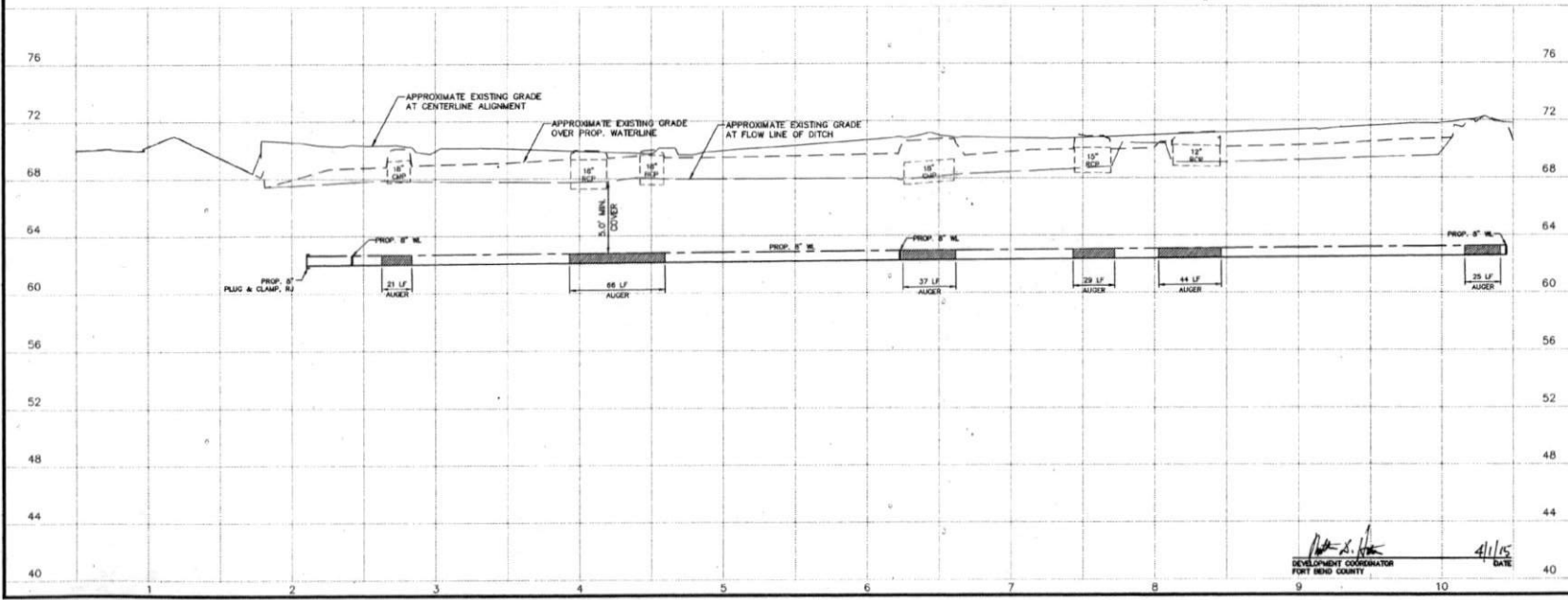
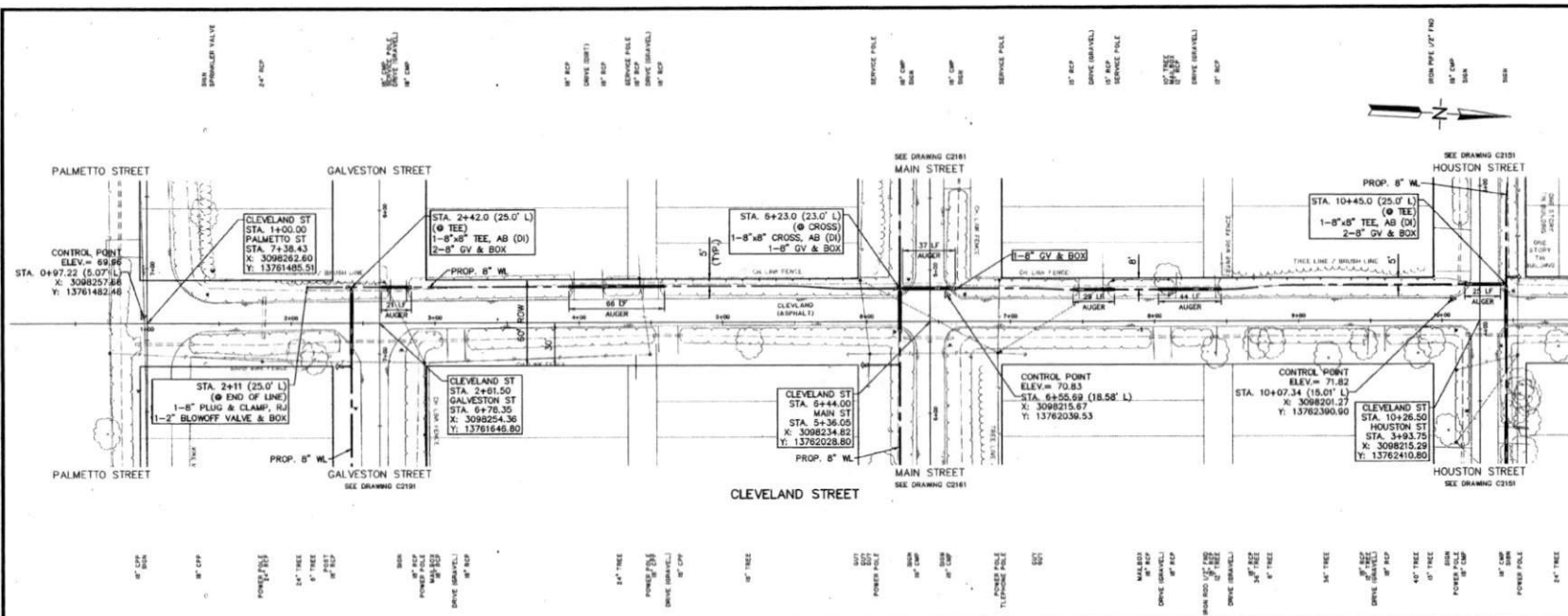
PROJECT BENCHMARKS:
NED DESIGNATED 16 808
BNA FOUND IN TOP AND APPROXIMATELY 18 FEET EAST OF WEST END OF SOUTH CONCRETE HEADWALL OF AN 18" PIPE CULVERT UNDER STATE ROUTE 286, AT JUNCTION OF DALLAS ROAD EAST APPROXIMATELY 39 FEET EAST OF THE CENTERLINE OF STATE ROUTE 286 AND 13 FEET SOUTH OF THE ELEVATION TO FEET (NAVD 88)

- NOTES:
- CONTRACTOR SHALL PROVIDE ACCESS TO HOMES AT ALL TIMES.
 - CONTRACTOR SHALL RETURN DITCHES TO PRE-CONSTRUCTION CONDITIONS OR BETTER UNLESS NOTED OTHERWISE.
 - PILE HEADWAYS TO BE INSTALLED 3" OFF R-O-W LINE UNLESS NOTED OTHERWISE.
 - ALL WATERLINES CROSSING COUNTY STREETS INCLUDING LEADS SHALL BE AUGERED AT LEAST 5' EACH SIDE OF PAVEMENT.

TO ARRANGE FOR LINES TO BE TURNED OFF OR MOVED, CALL CENTER/POINT ENERGY AT 713-201-2222
NOTICE:
For your safety, you are required by Texas Law to call 811 at least 48 hours before any dig so that underground lines can be marked. This notification does not waive your obligation to call 811.

VERIFICATION OF PRIVATE UTILITY LINES

[Signature] Date 4/8/15
Contractor (Design/Engineer/Architect) (Professional Seal)
[Signature] Date 4/15
Contractor (Design/Engineer/Architect) (Professional Seal)
[Signature] Date 4/9/15
Approver (Texas Licensed Underground Conduit Locating Operator)
Signature Valid for six months.



ML	DESCRIPTION	DATE	ENH	CHK

JACOBS
3989 ROCKEFORD ROAD
HOUSTON, TEXAS 77072
MAIN 832.381.8000

FORT BEND COUNTY FRESHWATER SUPPLY DISTRICT NO. 1
PHASE II - WATERLINE IMPROVEMENTS

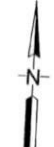
CLEVELAND STREET
STA. 0+00.00 TO STA. 11+00.00

PROJECT NO. WND017514
DATE: APRIL 2014
DESIGN: W. GOODETTE
DRAWN: J. APPLIGATE
CHECKED: S. SMITH

Scale: 1" = 40'
Sheet: 28 OF 80
Drawing No.: C2181

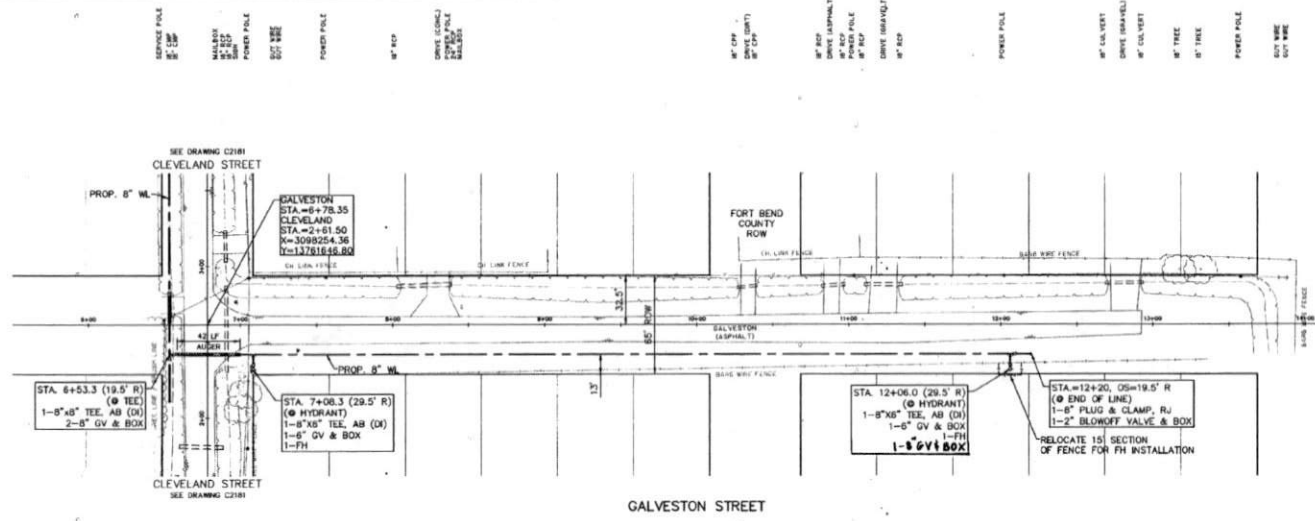
DEVELOPMENT COORDINATOR: [Signature]
DATE: 4/1/15

811 FOR BURIED UTILITY INFORMATION
 TWO (2) BUSINESS DAYS
 BEFORE YOU DIG CALL 811
 (OR 1-800-545-5005 Texas811)
 (OR 1-800-898-8344 Lone Star 811)
 UTILITY NOTIFICATION ONE CALL
 www.texas811.org
 www.onecall11.com

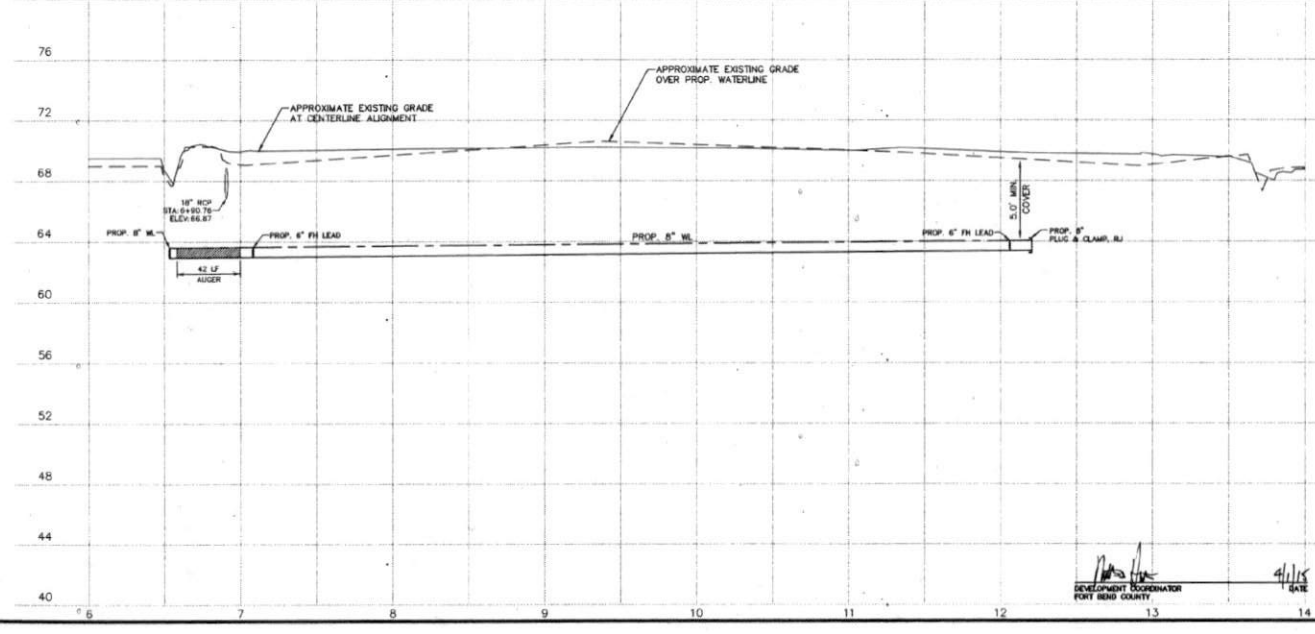


PROJECT BENCHMARK:
 NGS DESIGNATED M 668
 DATE FOUND BY TOP AND APPROXIMATELY 18 FEET EAST OF
 WEST END OF SOUTH CONCRETE HEADWALL OF AN 8" PFC
 CONDUIT UNDER STATE ROUTE 288 AT INTERSECTION OF DALLAS
 ROAD EAST APPROXIMATELY 39 FEET EAST OF THE
 CENTERLINE OF STATE ROUTE 288 AND 15 FEET SOUTH OF THE
 CENTERLINE OF DALLAS RD.
 ELEVATION TO 70 FEET SHAW 882

- NOTES:
- CONTRACTOR SHALL PROVIDE ACCESS TO HOMES AT ALL TIMES.
 - CONTRACTOR SHALL RETURN DITCHES TO PRE-CONSTRUCTION CONDITIONS OR BETTER UNLESS NOTED OTHERWISE.
 - FIRE HYDRANTS TO BE INSTALLED 3' OFF R-O-M LINE, UNLESS NOTED OTHERWISE.
 - ALL WATERLINES CROSSING COUNTY STREETS INCLUDING LEADS, SHALL BE AUGERED AT LEAST 5' EACH SIDE OF PAVEMENT.



STA. 6+53.3 (19.5' R)
 1-8"x8" TEE, AB (DX)
 2-8" GV & BOX
 STA. 7+08.3 (29.5' R)
 1-8"x8" TEE, AB (DX)
 1-8" GV & BOX
 1-FH
 STA. 12+06.0 (29.5' R)
 1-8"x8" TEE, AB (DX)
 1-8" GV & BOX
 1-FH
 STA. 12+06.0 (29.5' R)
 1-8"x8" TEE, AB (DX)
 1-2" BLOWOFF VALVE & BOX
 RELOCATE 15' SECTION OF FENCE FOR FH INSTALLATION



TO ARRANGE FOR LINES TO BE TURNED OFF OR MOVED, CALL CENTERPOINT ENERGY AT 713-207-2222
 NOTICE:
 For your safety, you are required by Texas Law to call 811 at least 48 hours before any dig, no matter how underground line can be marked. This verification does NOT absolve your obligation to call 811.

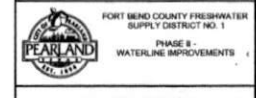
MR. DESCRIPTION	DATE	DRN.	CHK.
Hammer	4/8/15		
Hammer	4/8/15		
M222	4-8-15		

VERIFICATION OF PRIVATE UTILITY LINES

Hammer Date 4/8/15
 Certified Electrical Gas Facilities Verification ONLY
 (This signature verifies that you have allowed CEMF to verify and mark facilities and to be used for conduit verification.) (Gas service lines are NOT shown.) Signature valid for six months.

Hammer Date 4/8/15
 Certified Electrical Gas Facilities Verification ONLY
 (This signature verifies existing underground facilities mark to be used for conduit verification.) Signature valid for six months.

M222 Date 4-8-15
 Approved by AT&T Texas WEST underground conduit facilities ONLY.
 Signature valid for one year.



JACOBS
 9100 HICKORYCREAK ROAD
 HOUSTON TEXAS 77025
 MARK 832.361.8000

FORT BEND COUNTY FRESHWATER SUPPLY DISTRICT NO. 1
 PHASE B - WATERLINE IMPROVEMENTS

PEARLAND
 2011

GALVESTON STREET
 STA. 06+00.00 TO STA. 14+00.00

PROJECT NO. 8810-07584	SHEET NO. 1	DATE	SCALE
APR 2014	1 OF 42	1" = 4'	1" = 4'
DESIGN BY: GORRITS	DRAWING NO. C2191	DATE	OF 86
DESIGNED BY: J. APPELLATE	PROJECT: 8810-07584	DATE	OF 86
DRAWN BY: J. APPELLATE	PROJECT: 8810-07584	DATE	OF 86
CHECKED BY: J. APPELLATE	PROJECT: 8810-07584	DATE	OF 86
DATE	PROJECT: 8810-07584	DATE	OF 86

David Sogola
 DEVELOPMENT COORDINATOR
 FORT BEND COUNTY
 DATE 4/8/15

811 FOR BURIED UTILITY INFORMATION
 BEFORE YOU DIG CALL 811
 (OR 1-800-545-0005 (toll-free))
 (OR 1-800-688-3344 (toll-free))
 UTILITY NOTIFICATION ONE CALL
 www.onecall11.org

PROJECT BENCHMARK:
 NGS - DESIGNATED M 808
 DSW FOUND IN TOP AND APPROXIMATELY 18 FEET EAST OF
 WEST END OF SOUTH CONCRETE HEADWALL OF AN 8" PIPE
 CULVERT UNDER STATE ROUTE 888, AT JUNCTION OF GALLAR
 ROAD EAST APPROXIMATELY 20 FEET EAST OF THE
 CENTERLINE OF STATE ROUTE 888 AND 13 FEET SOUTH OF THE
 CENTERLINE OF DALLAS RD
 ELEVATION TO 70 FEET (NAVD 88)

- NOTES:**
- CONTRACTOR SHALL PROVIDE ACCESS TO HOMES AT ALL TIMES.
 - CONTRACTOR SHALL RETURN DITCHES TO PRE-CONSTRUCTION CONDITIONS OR BETTER UNLESS NOTED OTHERWISE.
 - FIRE HYDRANTS TO BE INSTALLED 3' OFF R-O-W LINE, UNLESS NOTED OTHERWISE.
 - ALL WATERLINES CROSSING COUNTY STREETS, INCLUDING LEADS, SHALL BE AUGURED AT LEAST 5' EACH SIDE OF PAVEMENT.

TO ARRANGE FOR LINES TO BE TURNED OFF OR MOVED, CALL CENTERPOINT ENERGY AT 713-207-2222

NOTICE:
 For your safety, you are required by Texas Law to call 811 at least 48 hours before you dig so that underground lines can be marked. This notification does not take the place of proper excavation safety.

VERIFICATION OF PRIVATE UTILITY LINES

[Signature] Date: 4/14/15
(This signature verifies that you have shown CMP Personal Data files correctly for the work for verification.) (This signature does not verify safety.) (Signature valid for six months.)

[Signature] Date: 4/14/15
(This signature verifies existing underground facilities. This signature does not verify safety.) (Signature valid for six months.)

[Signature] Date: 4-1-15
Approved for AT&T Texas (SWRT) underground conduit facilities only. (Signature valid for one year)

MR. DESCRIPTION	DATE	DWN.	CHK.

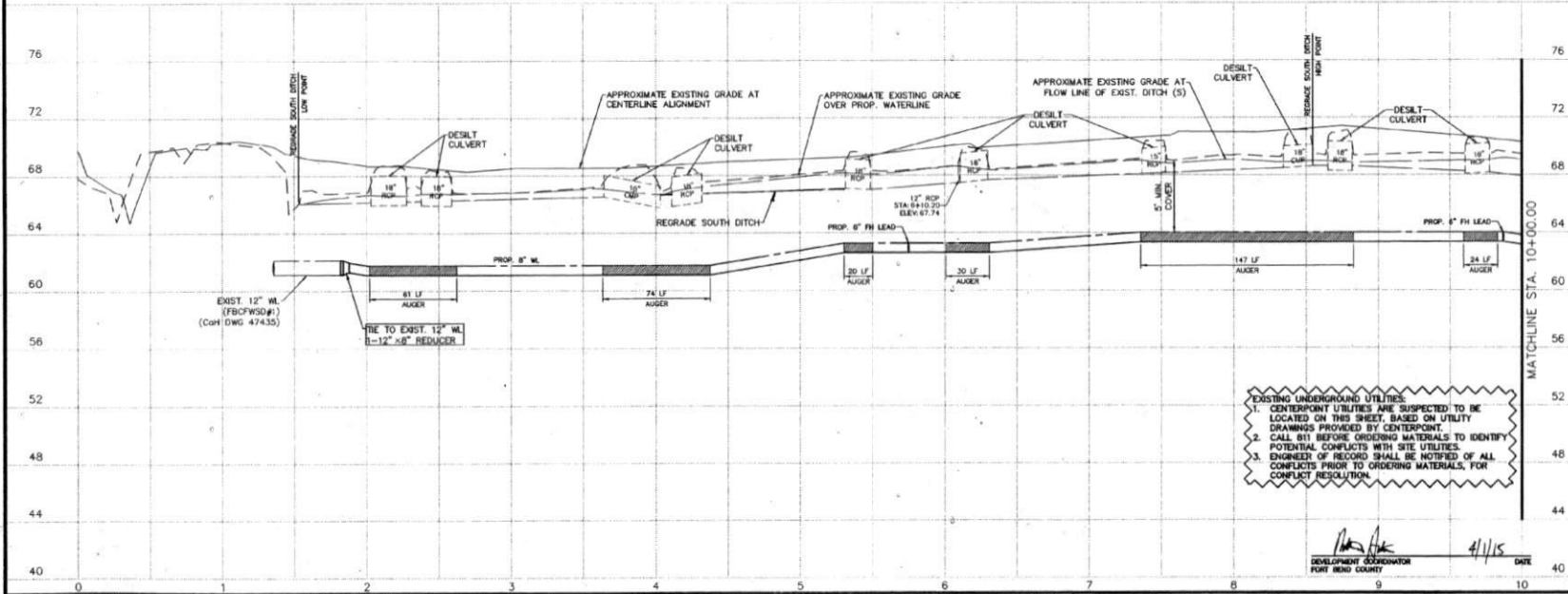
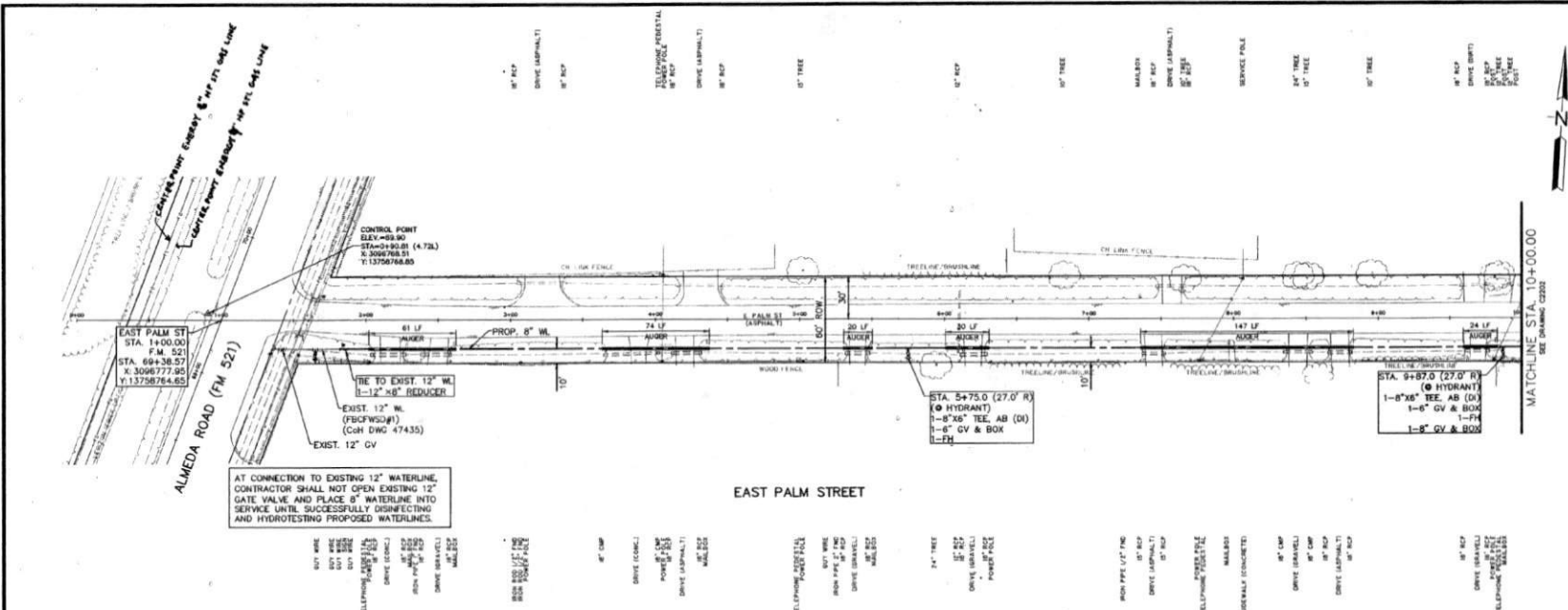
STATE OF TEXAS
 DAVID CHARLES ORFALA, JR.
 91759
[Signature]
 DAVID CHARLES ORFALA, JR.
 TEXAS REGISTRATION NO. 20110115

JACOBS
 3900 HOUSTONVILLE ROAD
 HOUSTON, TEXAS 77072
 PHONE: 832.951.8000

PEARLAND
 PORT BEND COUNTY FRESHWATER SUPPLY DISTRICT NO. 1
 PHASE B - WATERLINE IMPROVEMENTS

EAST PALM STREET
 STA. 0+00.00 TO STA 10+00.00

PROJECT NO: WH007514 Date: 11' = 20'
 DATE: APR. 2014 V 1' = 4'
 DESIGN: W. GOODETT Drawing No: 30
 CHECKED: J. APPELGAETE Date: C2201 OF 86
 DRAWN: S. SMITH



EXISTING UNDERGROUND UTILITIES:

- CENTERPOINT UTILITIES ARE SUSPECTED TO BE LOCATED ON THIS SHEET, BASED ON UTILITY DRAWINGS PROVIDED BY CENTERPOINT.
- CALL 811 BEFORE ORDERING MATERIALS TO IDENTIFY POTENTIAL CONFLICTS WITH SITE UTILITIES.
- ENGINEER OF RECORD SHALL BE NOTIFIED OF ALL CONFLICTS PRIOR TO ORDERING MATERIALS, FOR CONFLICT RESOLUTION.

[Signature] 4/1/15
 DEVELOPMENT COORDINATOR
 PORT BEND COUNTY

SEE DRAWING C2202
MATCHLINE STA. 10+00.00

8" RCP
DRIVE (GRAVEL)

8" RCP
DRIVE (GRAVEL)

8" RCP
DRIVE (GRAVEL)

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8" RCP
DRIVE (GRAVEL)

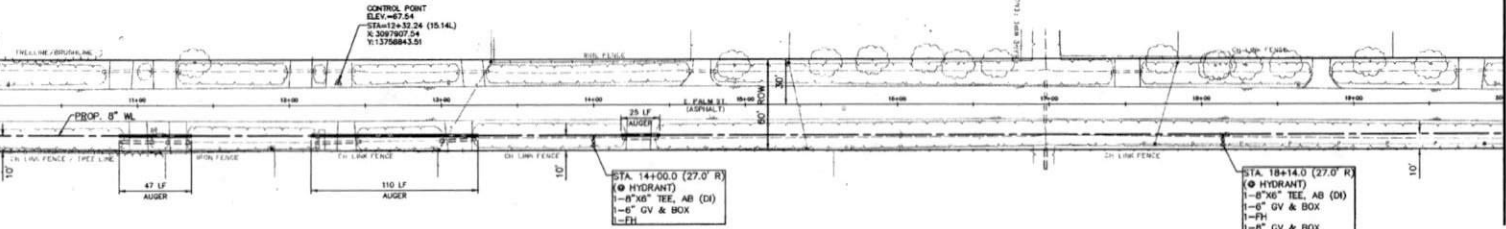
8" RCP
DRIVE (GRAVEL)

811 FOR BURIED UTILITY INFORMATION
BEFORE YOU DIG CALL 811
(OR 1-800-845-8000 Texas 811)
(OR 1-800-888-8344 Lone Star 811)
UTILITY INFORMATION ONE CALL
www.onecall811.org
www.onecall811.com

PROJECT BENCHMARK
NCS DESIGNATED W 888
DISK FOUND IN TOP AND APPROXIMATELY 18 FEET EAST OF WEST END OF SOUTH CONCRETE HEADWALL OF AN 8" PIPE CULVERT UNDER STATE ROUTE 588, AT JUNCTION OF DALLAS ROAD EAST APPROXIMATELY 39 FEET EAST OF THE CENTERLINE OF STATE ROUTE 588 AND 15 FEET SOUTH OF THE CENTERLINE OF STATE ROUTE 588
ELEVATION TO TOP FEET (NAD 83)

- NOTES:
- CONTRACTOR SHALL PROVIDE ACCESS TO HOMES AT ALL TIMES.
 - CONTRACTOR SHALL RETURN DITCHES TO PRE-CONSTRUCTION CONDITIONS OR BETTER UNLESS NOTED OTHERWISE.
 - FIRE HYDRANTS TO BE INSTALLED 3' OFF R-O-W LINE, UNLESS NOTED OTHERWISE.
 - ALL WATERLINES CROSSING COUNTY STREETS, INCLUDING LEADS, SHALL BE AUGERED AT LEAST 5' EACH SIDE OF PAVEMENT.

SEE DRAWING C2202
MATCHLINE STA. 10+00.00



SEE DRAWING C2202
MATCHLINE STA. 20+00.00

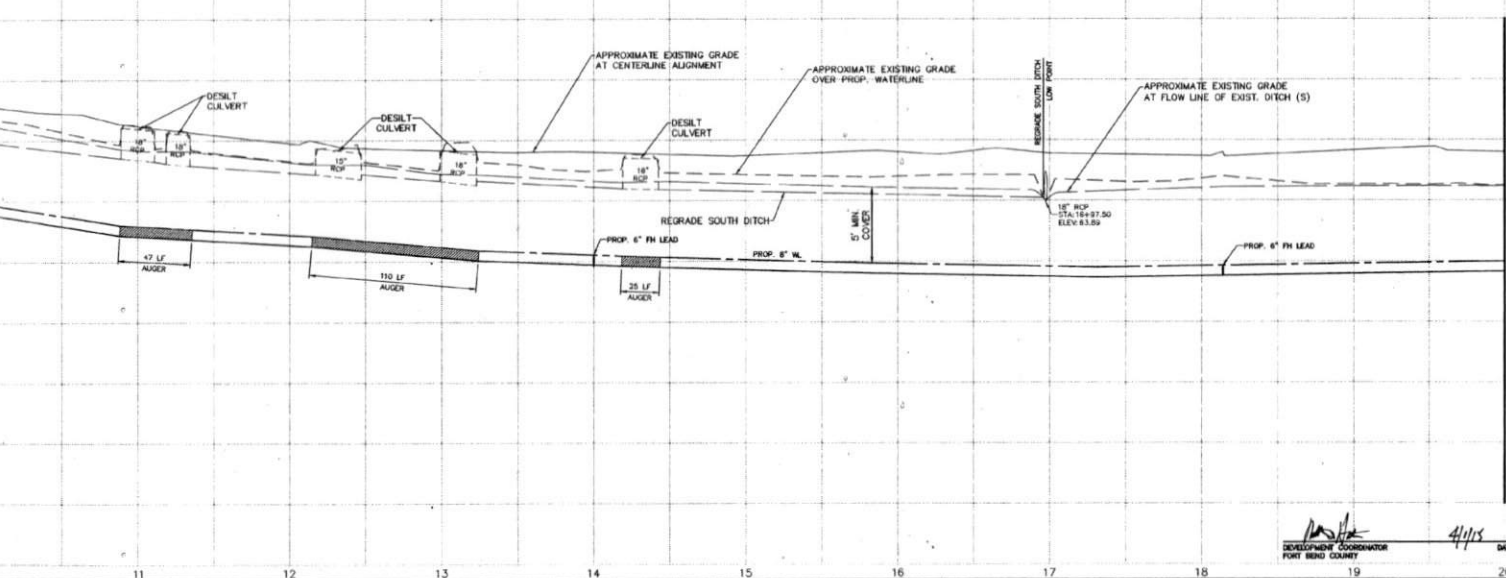
EAST PALM STREET

TO ARRANGE FOR LINES TO BE TURNED OFF OR MOVED, CALL CENTERPOINT ENERGY AT 713-267-2222
NOTICE:
For your safety, you are required by Texas Law to call 811 at least 48 hours before any kind of underground line can be located. This verification does not take your obligation to call 811.

VERIFICATION OF PRIVATE UTILITY LINES

Signature	Date
<i>[Signature]</i>	4/8/15
<i>[Signature]</i>	4/8/15
<i>[Signature]</i>	4/8/15

SEE DRAWING C2202
MATCHLINE STA. 10+00.00



SEE DRAWING C2202
MATCHLINE STA. 20+00.00

JACOBS
3008 ROCKBROOK ROAD
HOUSTON, TEXAS 77027
MARK 832.31.0000

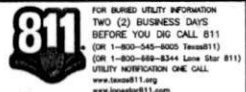
PORT BEND COUNTY FRESHWATER SUPPLY DISTRICT NO. 1
PHASE B - WATERLINE IMPROVEMENTS

EAST PALM STREET
STA. 10+00.00 TO STA. 20+00.00

PROJECT NO. 144000214
DATE: APRIL 2014
DRAWN: W. SIOLETTE
CHECKED: J. APPLIGATE
INCHES: 8.0000

SCALE: 1" = 40'
DATE: APRIL 2014
DRAWING NO. C2202
SHEET 31 OF 30

DEVELOPMENT COORDINATOR
PORT BEND COUNTY
DATE: 4/15



PROJECT BENCHMARK:
 NCS DESIGNATED W 858
 DEK FOUND IN TOP AND APPROXIMATELY 18 FEET EAST OF
 WEST END OF SOUTH CONCRETE HEADWALL OF AN 8" PIPE
 CULVERT UNDER STATE ROUTE 288, AT JUNCTION OF DALLAS
 ROAD EAST APPROXIMATELY 39 FEET EAST OF THE
 CENTERLINE OF STATE ROUTE 288 AND 15 FEET SOUTH OF THE
 ELEVATION TO 70 FEET (GAVO 84)

- NOTES:
- CONTRACTOR SHALL PROVIDE ACCESS TO HOMES AT ALL TIMES.
 - CONTRACTOR SHALL RETURN DITCHES TO PRE-CONSTRUCTION CONDITIONS OR BETTER UNLESS NOTED OTHERWISE.
 - FIRE HYDRANTS TO BE INSTALLED 3' OFF R-O-W LINE UNLESS NOTED OTHERWISE.
 - ALL WATERLINES CROSSING COUNTY STREETS, INCLUDING LEADS, SHALL BE AUGERED AT LEAST 5' EACH SIDE OF PAVEMENT.
 - EXISTING WATER AND WASTEWATER LINES ARE ANTICIPATED TO BE PRESENT WITHIN THIS PORTION OF THE PROJECT. EXACT LOCATION OF THESE LINES ARE UNKNOWN. IF DAMAGED DURING CONSTRUCTION, CONTRACTOR SHALL REPAIR IMMEDIATELY SO AS TO KEEP SYSTEM IN OPERATION.

TO ARRANGE FOR LINES TO BE TURNED OFF OR MOVED, CALL CENTERPOINT ENERGY AT 713-267-2222
NOTICE:
 For your safety, you are required to locate and mark all lines before you dig so that underground lines can be located. This verification does not hold your obligation to call 811.

VERIFICATION OF PRIVATE UTILITY LINES
Hanna Date *4/1/15*
 Contractor (underground) Gas Facilities Verification ONLY
 (This signature verifies that you have shown CNP Natural Gas lines correctly and to be used for contract building - this signature is NOT shown.)
 Signature Valid for six months.

Hanna Date *4/1/15*
 Contractor (underground) Electric Facilities Verification ONLY
 (This signature verifies existing underground facilities and to be used for contract verification.) Signature Valid for six months.

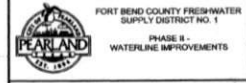
WZL Date *4/1/15*
 Approved by STATE TRENCHING AND UNDERGROUND MARKET SERVICES ONLY.
 Signature Valid for one year.

NO.	DATE	DESCRIPTION	BY	CHKD.

ML	DESCRIPTION	DATE	OWN.	CHK.

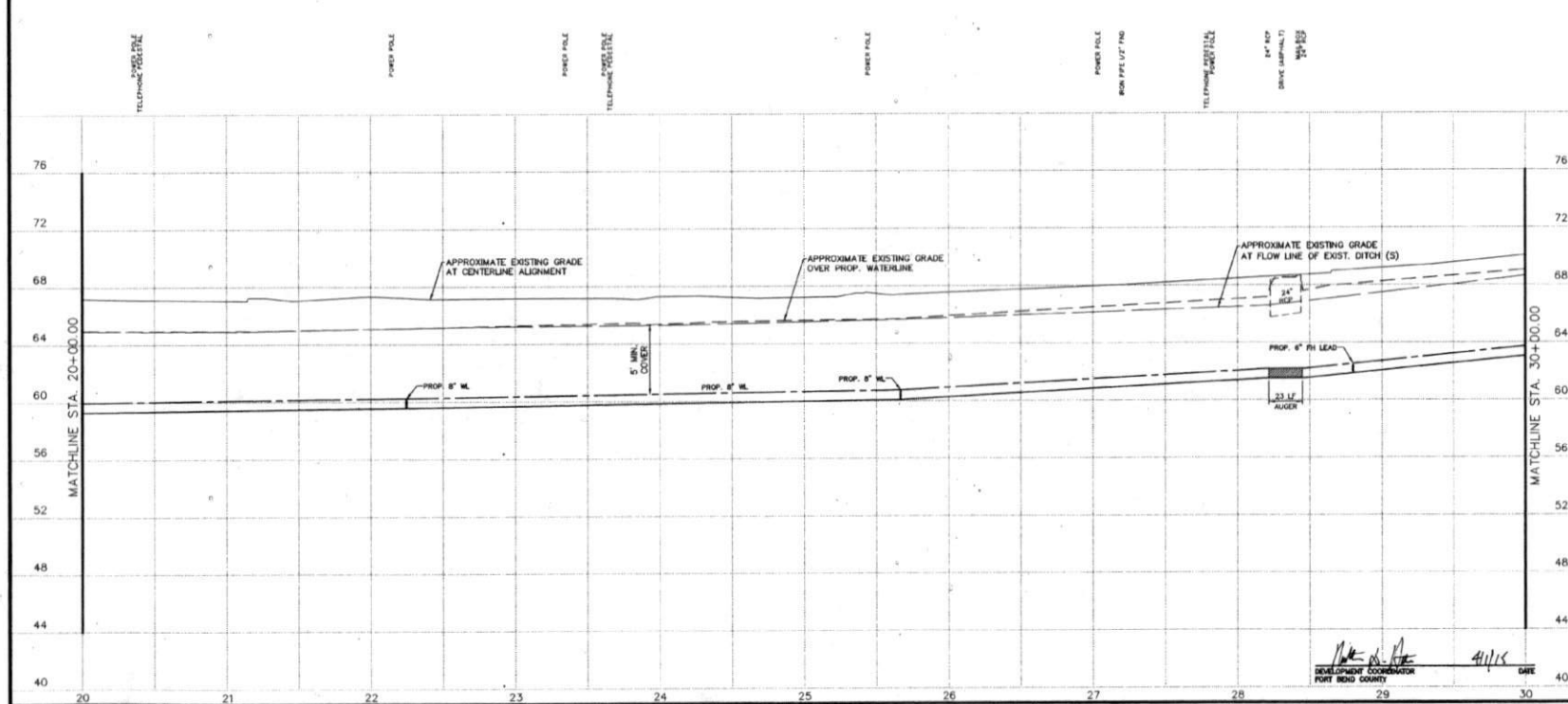
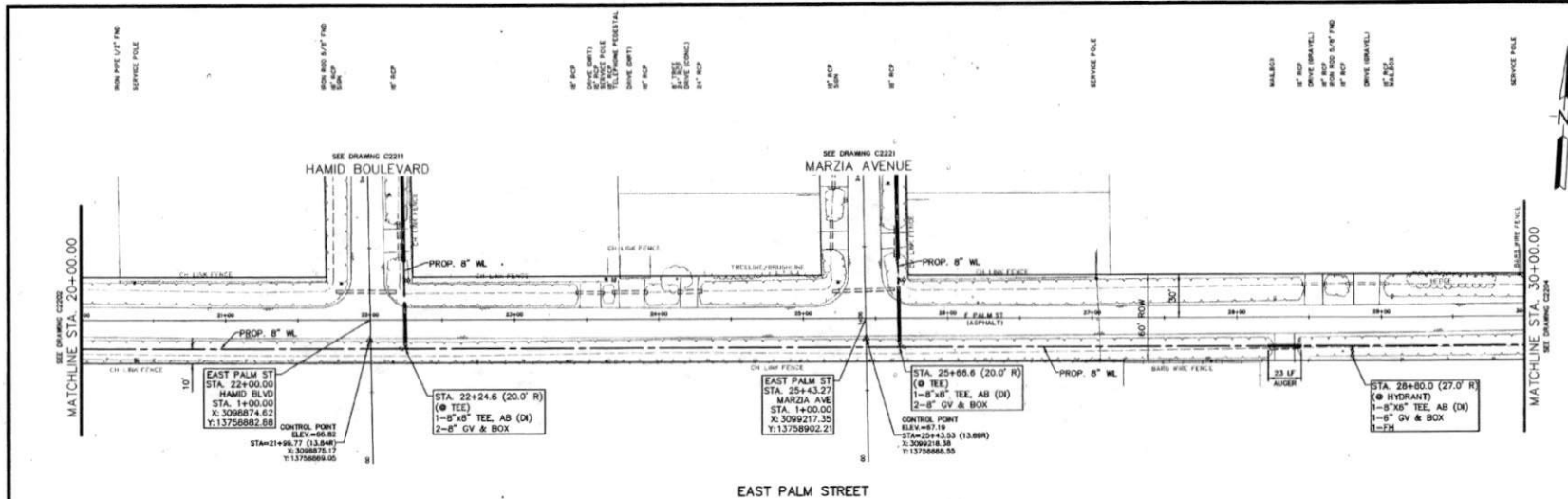
Deborah
 DEBORAH S. DUNN, P.E.
 2805 HOUSTONVILLE ROAD
 HOUSTON, TEXAS 77022
 STATE OF TEXAS REGISTERED PROFESSIONAL ENGINEER
 NO. 91756
 4/1/15

JACOBS
 3905 HOUSTONVILLE ROAD
 HOUSTON, TEXAS 77022
 PHONE 832.351.6300

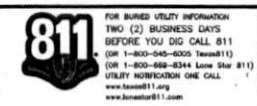


EAST PALM STREET
 STA. 20+00.00 TO STA. 30+00.00

PROJECT NO.: W-0607514 DATE: APRIL 2014 SHEET 32 OF 86
 DRAWN BY: W. GOODLETTE CHECKED BY: G. MARTIN
 SCALE: 1" = 40' / 1" = 4'



W. Goodlette 4/1/15
 DEVELOPMENT COORDINATOR
 FORT BEND COUNTY



PROJECT BENCHMARK:
 HDS DESIGNATED B&S
 MARKED IN TOP AND APPROXIMATELY 18 FEET EAST OF
 WEST END OF SOUTH CONCRETE HEADWALL OF AN 8" PIPE
 CULVERT UNDER STATE ROUTE 888, AT JUNCTION OF DALLAS
 ROAD EAST APPROXIMATELY 39 FEET EAST OF THE
 CENTERLINE OF STATE ROUTE 888 AND 15 FEET SOUTH OF THE
 CENTERLINE OF DALLAS RD
 (ELEVATION TO 70 FEET (NAVD 88))

- NOTES:
- CONTRACTOR SHALL PROVIDE ACCESS TO HOMES AT ALL TIMES.
 - CONTRACTOR SHALL RETURN DITCHES TO PRE-CONSTRUCTION CONDITIONS OR BETTER UNLESS NOTED OTHERWISE.
 - FIRE HYDRANTS TO BE INSTALLED 3' OFF R-C-W LINE, UNLESS NOTED OTHERWISE.
 - ALL WATERLINES CROSSING COUNTY STREETS, INCLUDING LEADS, SHALL BE ALIGNED AT LEAST 5' EACH SIDE OF PAVEMENT.
 - EXISTING WATER AND WASTEWATER LINES ARE ANTICIPATED TO BE PRESENT WITHIN THIS PORTION OF THE PROJECT. EXACT LOCATION OF THESE LINES ARE UNKNOWN. IF DAMAGED DURING CONSTRUCTION, CONTRACTOR SHALL REPAIR IMMEDIATELY SO AS TO KEEP SYSTEM IN OPERATION.

TO AVOID FOR LINES TO BE TURNED OFF OR MOVED, CALL CENTERPOINT ENERGY AT 713-261-2322
NOTICE:
 For your safety, you are required by Texas Law to call 811 at least 48 hours before you dig and underground line can be located. This obligation does not fulfill your obligation to call 811.

VERIFICATION OF PRIVATE UTILITY LINES
Signature Date *4/1/15*
 (This signature verifies that you have shown CIP Mutual Care before you dig and to be used for certified verification.) Signature valid for six months.
Signature Date *4/1/15*
 (This signature verifies that you have shown CIP Mutual Care before you dig and to be used for certified verification.) Signature valid for six months.
Signature Date *4-9-15*
 (This signature verifies that you have shown CIP Mutual Care before you dig and to be used for certified verification.) Signature valid for six months.

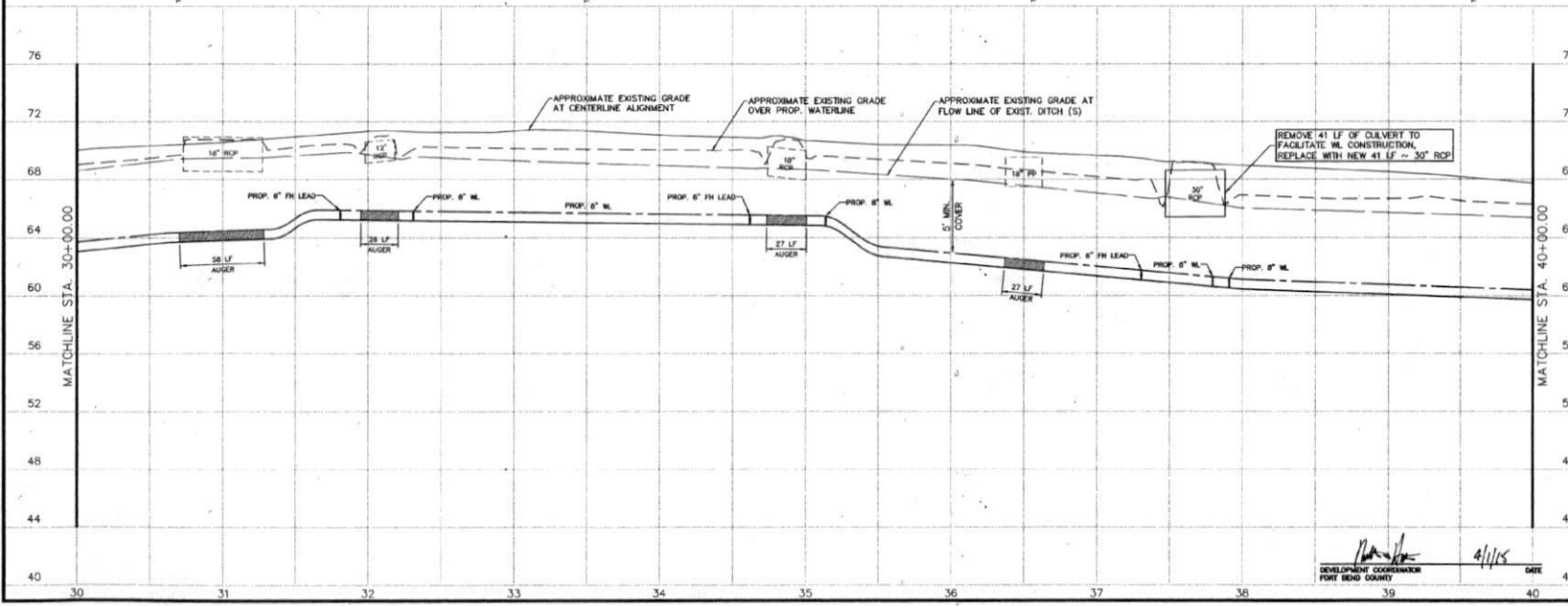
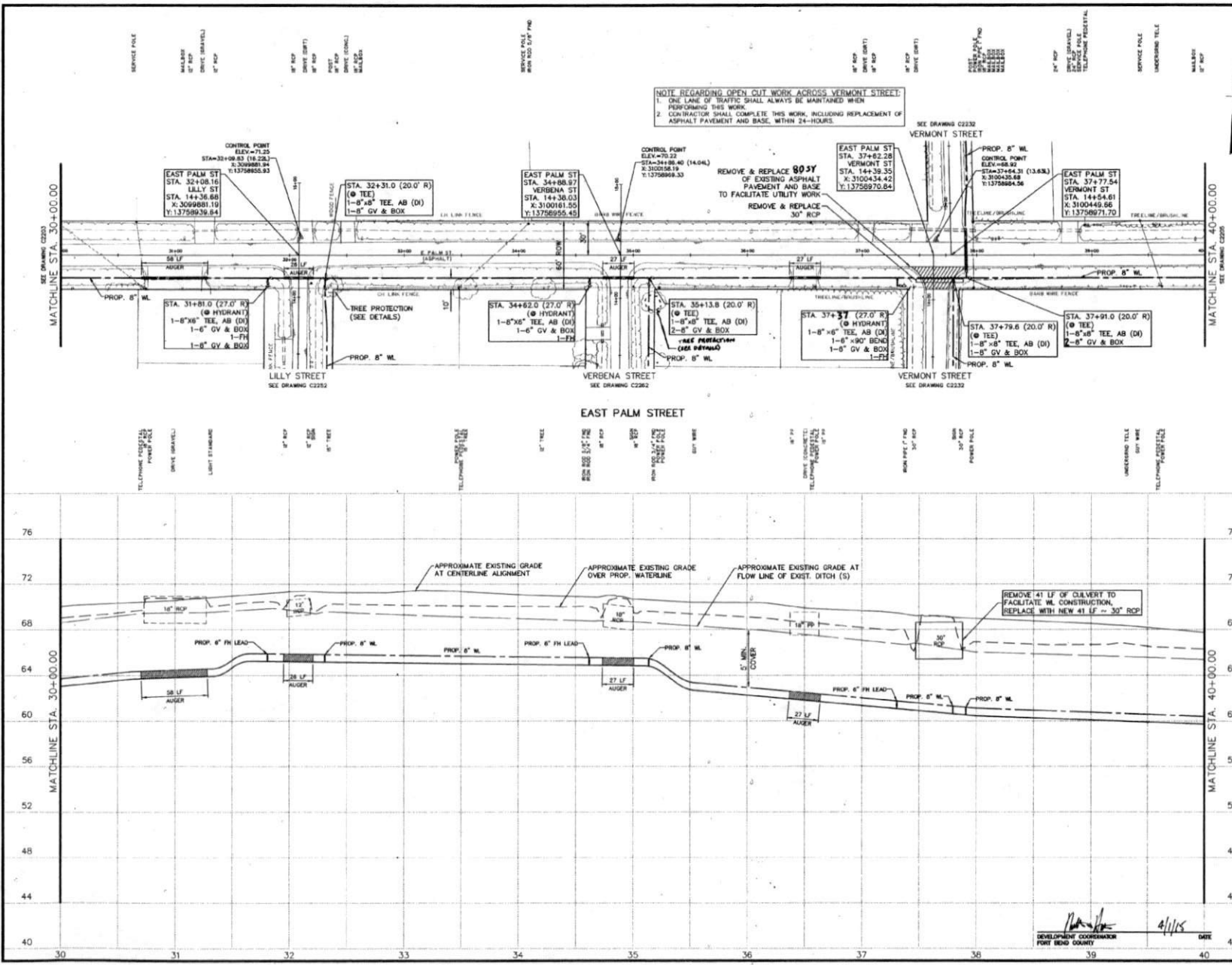
STATE OF TEXAS
 JACOBS ENGINEERING GROUP, INC.
 TEXAS REGISTRATION NO. WITH 02/21/15

JACOBS
 5905 PROGRESSDALE ROAD
 HOUSTON, TEXAS 77037
 MARK 822.011.8000

FORT BEND COUNTY FRESHWATER SUPPLY DISTRICT NO. 1
PEARLAND
 PHASE II - WATERLINE IMPROVEMENTS
 EAST PALM STREET
 STA. 30+00.00 TO STA. 40+00.00

PROJECT NO. 140201514	DATE: APR 2014	DRAWN: W. GONNETTE	DATE: APR 2014	CHECKED: J. APPLIGATE	DATE: APR 2014
SHEET NO. 33	OF 36		PROJECT: C2204		

NOTE REGARDING OPEN CUT WORK ACROSS VERMONT STREET:
 1. ONE LANE OF TRAFFIC SHALL ALWAYS BE MAINTAINED WHEN PERFORMING THIS WORK.
 2. CONTRACTOR SHALL COMPLETE THIS WORK, INCLUDING REPLACEMENT OF ASPHALT PAVEMENT AND BASE, WITHIN 24 HOURS.



Signature 4/1/15
 DEVELOPMENT COORDINATOR
 FORT BEND COUNTY

DRIVE (DRT)
8" PIP
DRIVE (ASPHALT)
8" PIP
8" PIP
8" PIP
8" PIP

SERVICE POLE
8" PIP
DRIVE (ASPHALT)
8" PIP
DRIVE (ASPHALT)
8" PIP
8" PIP

BOND ROD 5/16" PIP
SERVICE POLE

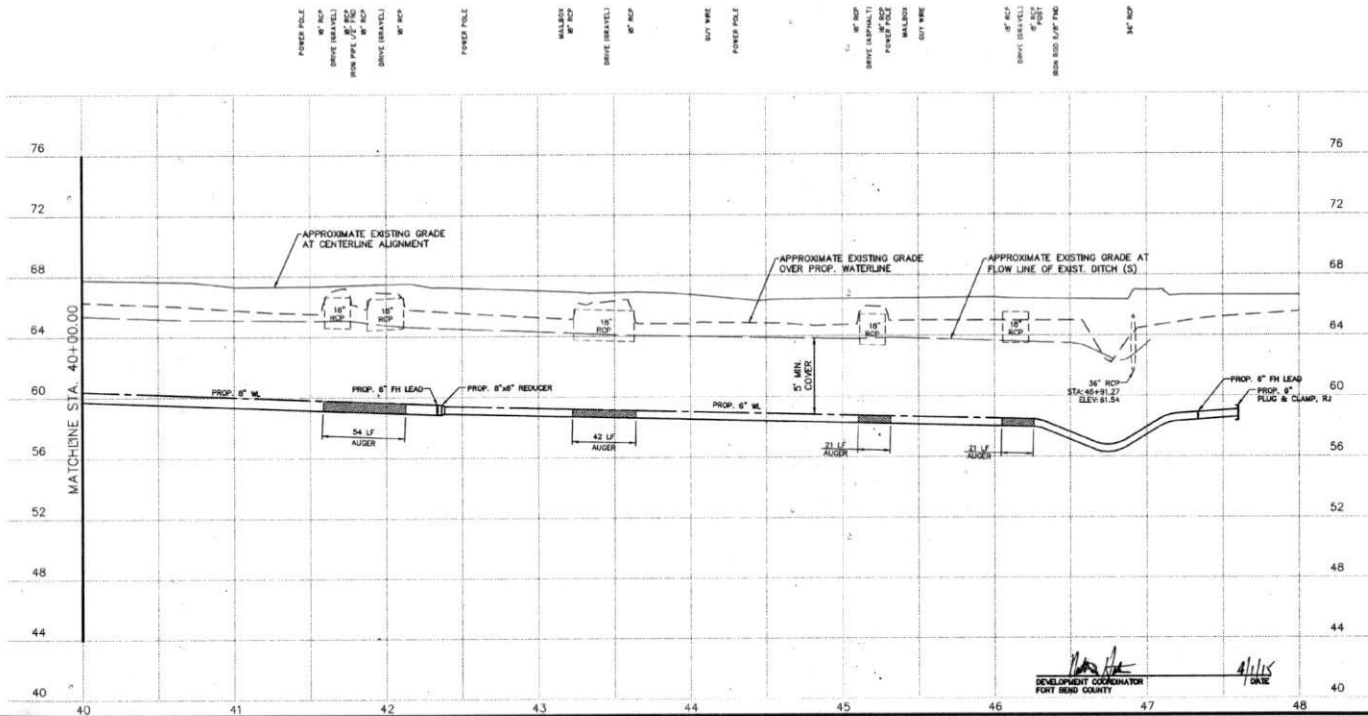
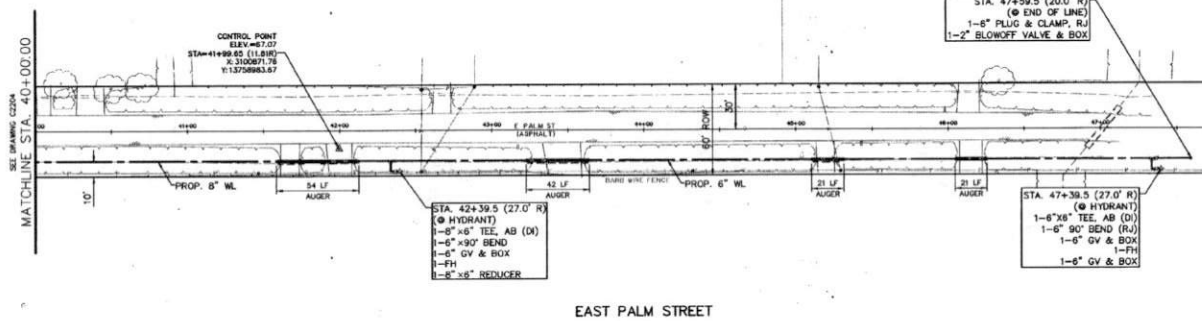
MAIL BOX
8" PIP
DRIVE (ASPHALT)
8" PIP
8" PIP

8" PIP

811 FOR BLIND UTILITY INFORMATION
BEFORE YOU DIG CALL 811
(OR 1-800-645-6009 Texas811)
(OR 1-800-699-6544 Lone Star 811)
UTILITY INFORMATION ONE CALL
www.texas811.org
www.lonestar811.com

PROJECT BENCHMARK
MCS DESIGNATED M 668
DETA FOUND IN TOP AND APPROXIMATELY 18 FEET EAST OF
WEST END OF SOUTH CONCRETE W/SHALL OF AN 18" PIPE
CULVERT UNDER STATE ROUTE 288. AT ANJON OF DALLAS
ROAD EAST APPROXIMATELY 28 FEET EAST OF THE
CENTERLINE OF STATE ROUTE 288 AND 13 FEET SOUTH OF THE
CENTERLINE OF DALLAS RD.
ELEVATION 70.70 FEET (HAYD 88)

- NOTES:
- CONTRACTOR SHALL PROVIDE ACCESS TO HOMES AT ALL TIMES.
 - CONTRACTOR SHALL RETURN DITCHES TO PRE-CONSTRUCTION CONDITIONS OR BETTER UNLESS NOTED OTHERWISE.
 - FIRE HYDRANTS TO BE INSTALLED 3' OFF R-O-W LINE, UNLESS NOTED OTHERWISE.
 - ALL WATERLINES CROSSING COUNTY STREETS, INCLUDING LEADS, SHALL BE AUGERED AT LEAST 5' EACH SIDE OF PAVEMENT.



TO ARRANGE FOR LINES TO BE TURNED OFF OR MOVED, CALL CENTERPOINT ENERGY AT 713-207-2222

NOTICE:
For your safety, you are required to check for all 811 at least 48 hours before you dig so that underground line can be marked. This verification does not take your obligation to call 811.

VERIFICATION OF PRIVATE UTILITY LINES

Home Date 4/9/15
I certify that I have verified the location and depth of all underground utilities shown on this plan using the appropriate detection methods. This verification is valid for six months.

Home Date 4/9/15
I certify that I have verified the location and depth of all underground utilities shown on this plan using the appropriate detection methods. This verification is valid for six months.

AT&T Date 4/8/15
Approved for AT&T Texas DIRT underground utility location ONLY. Signature valid for one year.

MA. DESCRIPTION DATE DNW. COG.

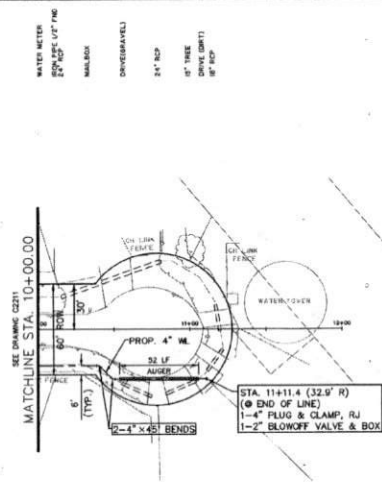
STATE OF TEXAS
SEAL OF CHARLES DRYLA, JR.
91706
RESPONSIBLE ENGINEER
1844
DAVID CHARLES DRYLA, P.E.
EXPIRES 12/31/15

JACOBS
1900 PROGRESS & ROAD
HOUSTON, TEXAS 77072
www.jacobs.com

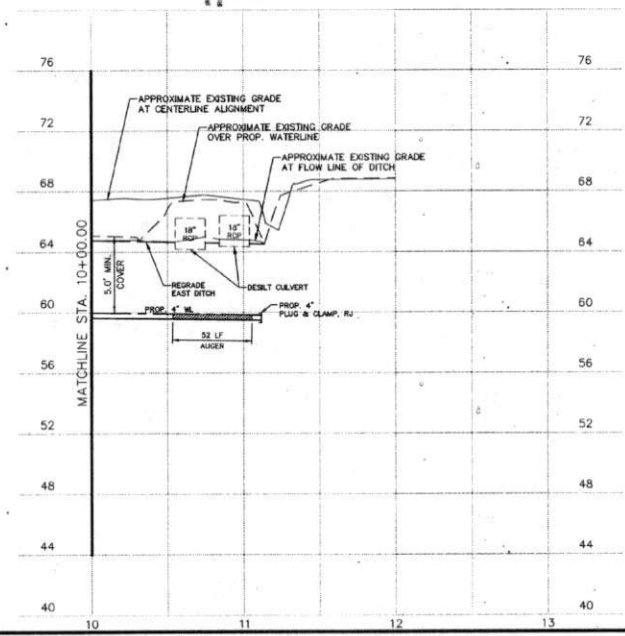
PEARLAND
FORT BEND COUNTY FRESHWATER SUPPLY DISTRICT NO. 1
PHASE II - WATERLINE IMPROVEMENTS

EAST PALM STREET
STA. 40+00.00 TO STA. 48+00.00

PROJECT NO. W-0007514 Date: 11' = 47' SHEET
DATE: APR. 2014 V. 1' = 4' 34
DESIGN: W. GOODETT Drawing No.
CHECKED: J. SPILLERIE
DRAWN: D. SMITH C2205 OF 86



HAMID BOULEVARD



811 FOR BURIED UTILITY INFORMATION
 TWO (2) BUSINESS DAYS
 BEFORE YOU DIG CALL 811
 (OR 1-800-545-5005 Texas 811)
 (OR 1-800-868-8344 Lone Star 811)
 UTILITY INFORMATION ONE CALL
 www.811.org
 www.lonestar811.com

PROJECT BENCHMARK:
 NGS DESIGNATED M 688
 ONE FOUR IN TOP AND APPROXIMATELY 1.8 FEET EAST OF
 WEST END OF SOUTH CONCRETE HEADWALL OF AN 18" PIPE
 CULVERT UNDER STATE ROUTE 288 AT JUNCTION OF DALLAS
 ROAD EAST APPROXIMATELY 39 FEET EAST OF THE
 CENTERLINE OF STATE ROUTE 288 AND 13 FEET SOUTH OF THE
 CENTERLINE OF DALLAS RD
 ELEVATION TO 70 FEET (NAVD 88)

- NOTES:**
1. CONTRACTOR SHALL PROVIDE ACCESS TO HOMES AT ALL TIMES.
 2. CONTRACTOR SHALL RETURN DITCHES TO PRE-CONSTRUCTION CONDITIONS OR BETTER UNLESS NOTED OTHERWISE.
 3. FIRE HYDRANTS TO BE INSTALLED 3' OFF R-O-W LINE, UNLESS NOTED OTHERWISE.
 4. ALL WATERLINES CROSSING COUNTY STREETS, INCLUDING LEADS, SHALL BE AUGERED AT LEAST 5' EACH SIDE OF PAVEMENT.
 5. EXISTING WATER AND WASTEWATER LINES ARE ANTICIPATED TO BE PRESENT IN THIS PORTION OF THE PROJECT. EXACT LOCATION OF THESE LINES ARE UNKNOWN. IF DAMAGED DURING CONSTRUCTION, CONTRACTOR SHALL REPAIR IMMEDIATELY SO AS TO KEEP SYSTEM IN OPERATION.

TO ARRANGE FOR LINES TO BE TURNED OFF OR MOVED, CALL CENTERPOINT ENERGY AT 713-207-2222
NOTICE:
 For your safety, you are required by Texas Law to call 811 at least 48 hours before you dig to find underground lines that can be located. This verification does not fulfill your obligation to call 811.

VERIFICATION OF PRIVATE UTILITY LINES

Signature: *[Signature]* Date: 4/15/15
 CenterPoint Energy/Natural Gas Facilities Verification ONLY
 (This signature verifies that you have shown CPE before digging. This signature does not to be used for conflict verification.) (See service areas are NOT shown.) Signature valid for six months.

Signature: *[Signature]* Date: 4/15/15
 CenterPoint Energy/Underground Electrical Facilities Verification ONLY
 (This signature verifies existing underground facilities not to be used for conflict verification.) Signature valid for six months.

Signature: *[Signature]* Date: 4/15/15
 Approved by AT&T Texas DBMT underground conduit facilities ONLY. Signature valid for one year.

UK	DESCRIPTION	DATE	OWN	CHK.

REGISTERED PROFESSIONAL ENGINEER
 JAMES C. WILLIAMS GROUP INC. P-2844
 2810 CHARLES STREET, JR.
 TEXAS REGISTRATION NO. 91756 03/15/15

JACOBS
 5955 RODGENSENLE ROAD
 HOUSTON, TEXAS 77072
 NAHQ: 832.911.8000

FORT BEND COUNTY FRESHWATER SUPPLY DISTRICT NO. 1
 PHASE II - WATERLINE IMPROVEMENTS

HAMID BOULEVARD
 STA. 10+00.00 TO STA. 12+00.00

[Signature] 4/15/15
 DEVELOPMENT COORDINATOR
 FORT BEND COUNTY

PROJECT NO.: WAD0421E11	DATE: APR 2014	DRAWN: W. GOZETTE	DATE: APR 2014	CHECKED: J. APPELLIGATE	DATE: APR 2014	DESIGNED: D. SMITH	DATE: APR 2014	SHEET: 36 OF 86
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FOR BURIED UTILITY INFORMATION
TWO (2) BUSINESS DAYS
BEFORE YOU DIG CALL 811
(OR 1-800-545-5005 Texas 811)
(OR 1-800-880-3344 Lines One (800) 811)
UTILITY NOTIFICATION ONE CALL
www.811.org
www.texas811.com

PROJECT BENCHMARKS:
NCS DESIGNATED M 868
DHW FOUND IN TOP AND APPROXIMATELY 18 FEET EAST OF WEST END OF SOUTH CONCRETE HEADWALL OF AN 8" PIPE CULVERT UNDER STATE ROUTE 288 AT JUNCTION OF DALLAS ROAD EAST APPROXIMATELY 38 FEET EAST OF THE CENTERLINE OF STATE ROUTE 288 AND 13 FEET SOUTH OF THE ELEVATION TO 70 FEET (MAY 08)

- NOTES:**
- CONTRACTOR SHALL PROVIDE ACCESS TO HOMES AT ALL TIMES.
 - CONTRACTOR SHALL RETURN DITCHES TO PRE-CONSTRUCTION CONDITIONS OR BETTER UNLESS NOTED OTHERWISE.
 - FIRE HYDRANTS TO BE INSTALLED 3' OFF R-O-W LINE, UNLESS NOTED OTHERWISE.
 - ALL WATERLINES CROSSING COUNTY STREETS INCLUDING LEADS, SHALL BE AUGERED AT LEAST 5' EACH SIDE OF PAVEMENT.
 - EXISTING WATER AND WASTEWATER LINES ARE ANTICIPATED TO BE PRESENT WITHIN THIS PORTION OF THE PROJECT. EXACT LOCATION OF THESE LINES ARE UNKNOWN. IF DAMAGED DURING CONSTRUCTION, CONTRACTOR SHALL REPAIR IMMEDIATELY SO AS TO KEEP SYSTEM IN OPERATION.

TO ARRANGE FOR LINES TO BE TURNED OFF OR MOVED, CALL CENTERPOINT ENERGY AT 713-201-2222
NOTICE:
For your safety, you are required by Texas Law to call 811 at least 48 hours before you dig so that underground lines can be marked. This notification does not fulfill your obligation to call 811.

VERIFICATION OF PRIVATE UTILITY LINES

Hammer Date 4/1/15
This Signature certifies that you have shown CIP Natural Gas lines correctly set to be used for conduct verification. (Gas service lines are NOT shown.)
Signature Valid for six months.

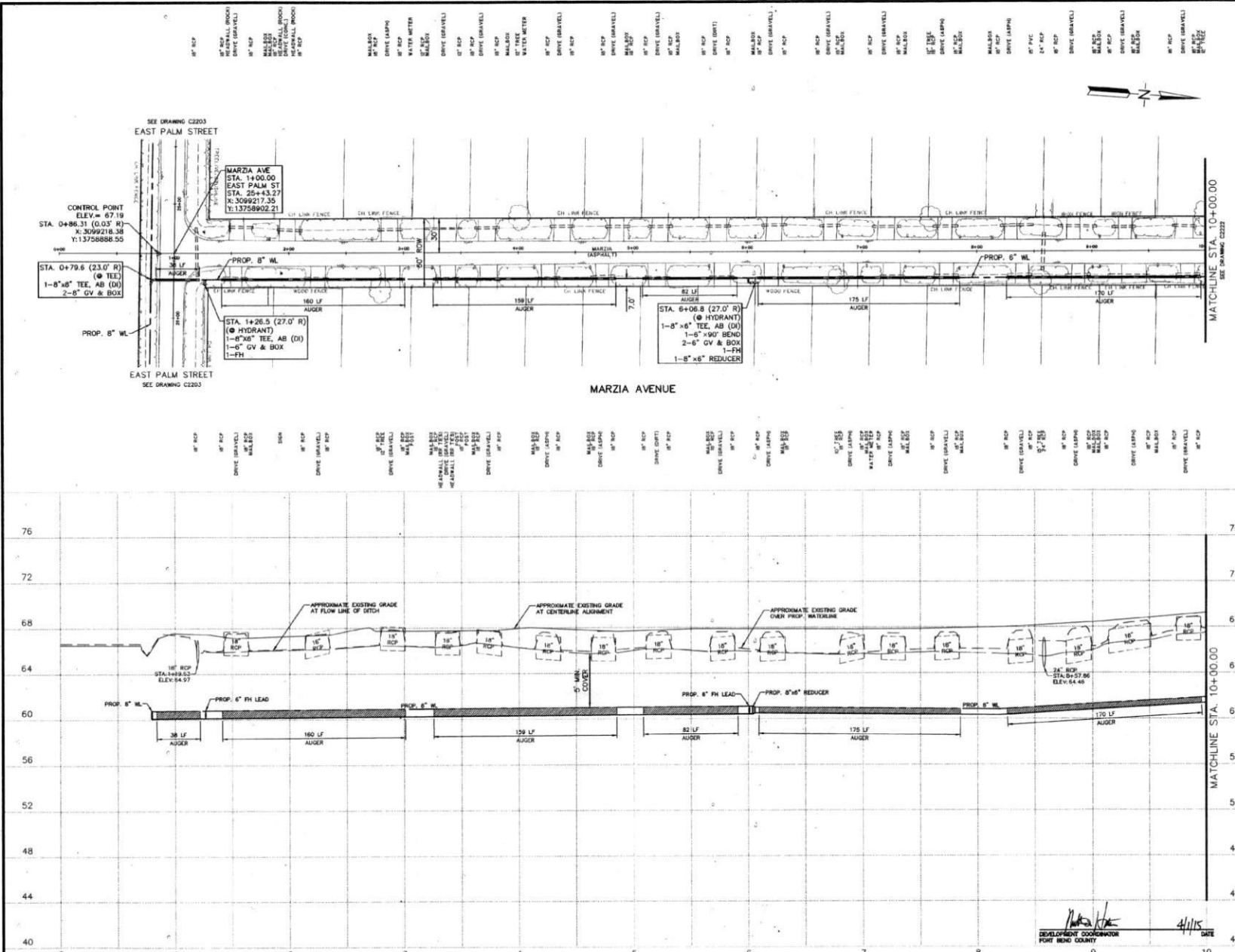
Hammer Date 4/1/15
This Signature certifies that you have shown CIP Natural Gas lines correctly set to be used for conduct verification. (Gas service lines are NOT shown.)
Signature Valid for six months.

MAL DESCRIPTION	DATE	DRN.	CHK.

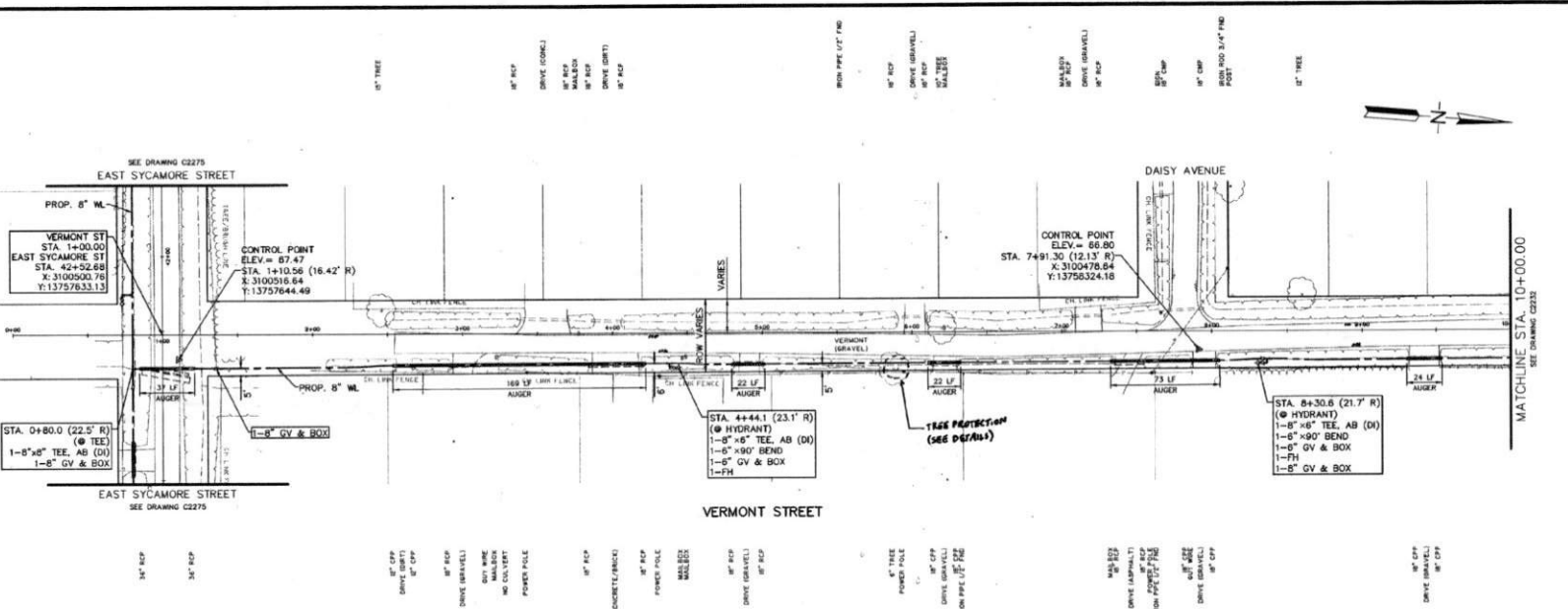
STATE OF TEXAS
COUNTY OF DALLAS
17320
David Charles Stalck
RESPONSIBLE ENGINEER
JACOBS ENGINEERING GROUP, INC.
DAVID CHARLES STALCK, P.E.
TEXAS REGISTRATION NO. 26784
05/20/15

JACOBS
5005 RICKGARDNER ROAD
HOUSTON, TEXAS 77057
MARK 832.351.8000

FORT BEND COUNTY FRESHWATER SUPPLY DISTRICT NO. 1
PEARLAND
WATERLINE IMPROVEMENTS
MARZIA AVENUE
STA. 0+00.00 TO STA. 10+00.00
PROJECT NO: WH07514
DATE: APR, 2014
DESIGN: W. GOODETTE
CHECKED: J. APPELGAU
DRAWN: J. SMITH
Scale: 1" = 40'
Drawing No: C2221
SHEET 37 OF 80



[Signature] 4/1/15
DEVELOPMENT COORDINATOR
FORT BEND COUNTY



FOR BURIED UTILITY INFORMATION
BEFORE YOU DIG CALL 811
(OR 1-800-545-5005 Texas811)
(OR 1-800-488-8344 Louisiana 811)
UTILITY NOTIFICATION ONE CALL
www.811.org
www.texas811.com

PROJECT BENCHMARK:
NOD DESIGNATED M 608
DETA FOUND IN TOP AND APPROXIMATELY 18 FEET EAST OF
WEST END OF SOUTH CONCRETE SIDEWALK OF AN 8" PIPE
CULVERT UNDER STATE ROUTE 888. AT ANJUNCTION OF DALLAS
ROAD EAST APPROXIMATELY 30 FEET EAST OF THE
CENTERLINE OF STATE ROUTE 888 AND 15 FEET SOUTH OF THE
CENTERLINE OF DALLAS RD
ELEVATION TO TOP OF FEET (NAVD 88)

- NOTES:**
- CONTRACTOR SHALL PROVIDE ACCESS TO HOMES
AT ALL TIMES.
 - CONTRACTOR SHALL RETURN DITCHES TO
PRE-CONSTRUCTION CONDITIONS OR BETTER
UNLESS NOTED OTHERWISE.
 - PIPE HYDRANTS TO BE INSTALLED 3' OFF
R-O-W LINE, UNLESS NOTED OTHERWISE.
 - ALL WATERLINES CROSSING COUNTY STREETS,
INCLUDING LEADS, SHALL BE AUGERED AT LEAST
5' EACH SIDE OF PAVEMENT.

TO ARRANGE FOR LINES TO BE TURNED OFF OR
MOVED, CALL CENTERPOINT ENERGY AT 713-207-2222

NOTICE:
For your safety, you are required to Turn On or Call 811 at least 48 hours
before you dig so that underground lines can be marked. This notification does
not ensure that all utilities are located.

VERIFICATION OF PRIVATE UTILITY LINES
Thomas Date 4/16/15
Contractor acknowledges use of Private Utility Verification ONLY.
(This signature verifies that you have shown CNP Mutual Care users exactly
how to use the tool for correct verification.) (This notice does not constitute a
signature valid for six months.)

Thomas Date 4/16/15
Contractor acknowledges use of Private Utility Verification ONLY.
(This signature verifies existing underground utilities - not to be used for
correct verification.) (Signature valid for six months.)

Approved for AT&T Texas 811ST underground control facilities ONLY.
Mark Date 4/16/15
Signature Valid for one year.

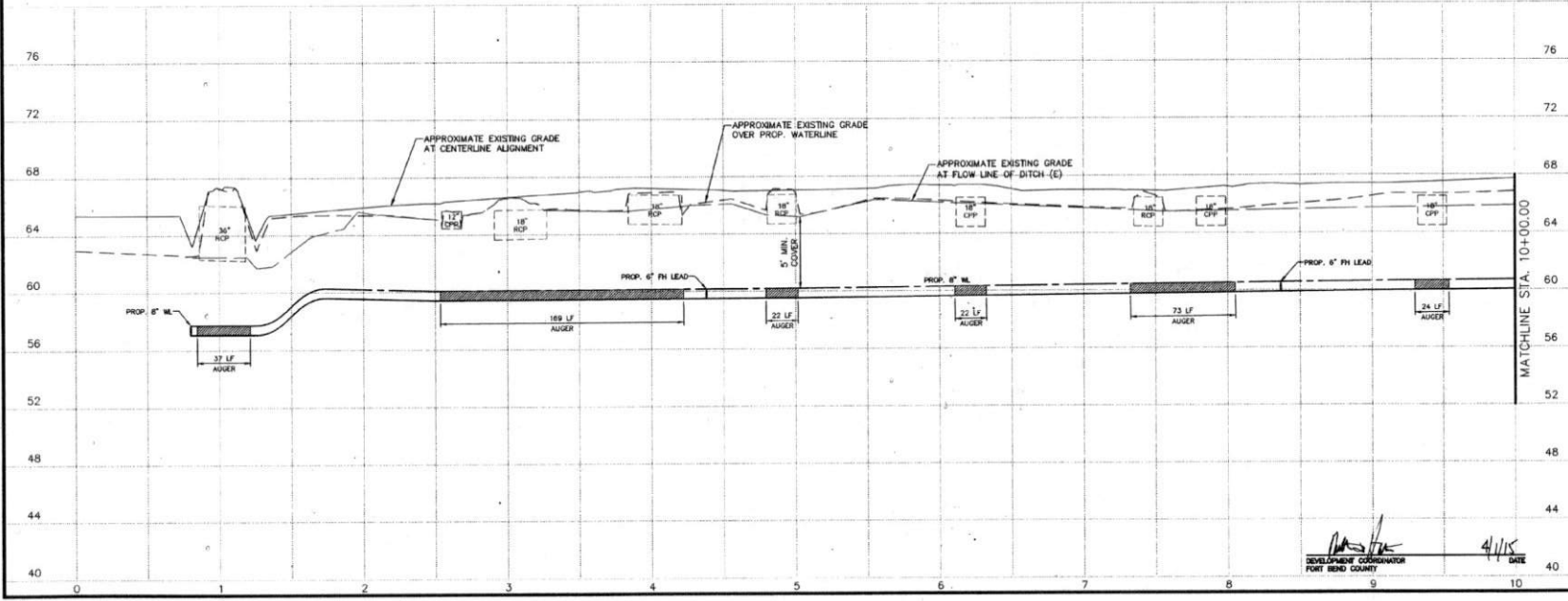
NO.	DESCRIPTION	DATE	OWN.	CON.

JACOBS
2902 WOODBRIDGE ROAD
HOUSTON, TEXAS 77072
PHONE 281.341.0000

PORT BEND COUNTY FRESHWATER
SUPPLY DISTRICT NO. 1
PHASE II -
WATERLINE IMPROVEMENTS

VERMONT STREET
STA. 0+00.00 TO STA. 10+00.00

PROJECT NO: W0007514 Date: 4/15/15 1" = 47'
DATE: APRIL 2014 Scale: 1" = 47'
DESIGN: W. GODETTE Drawing No.:
ISSUE: 2. REVISIONS
CHECKED: G. SMITH C2231



Mark 4/15
DATE

SHEET
39
OF 86



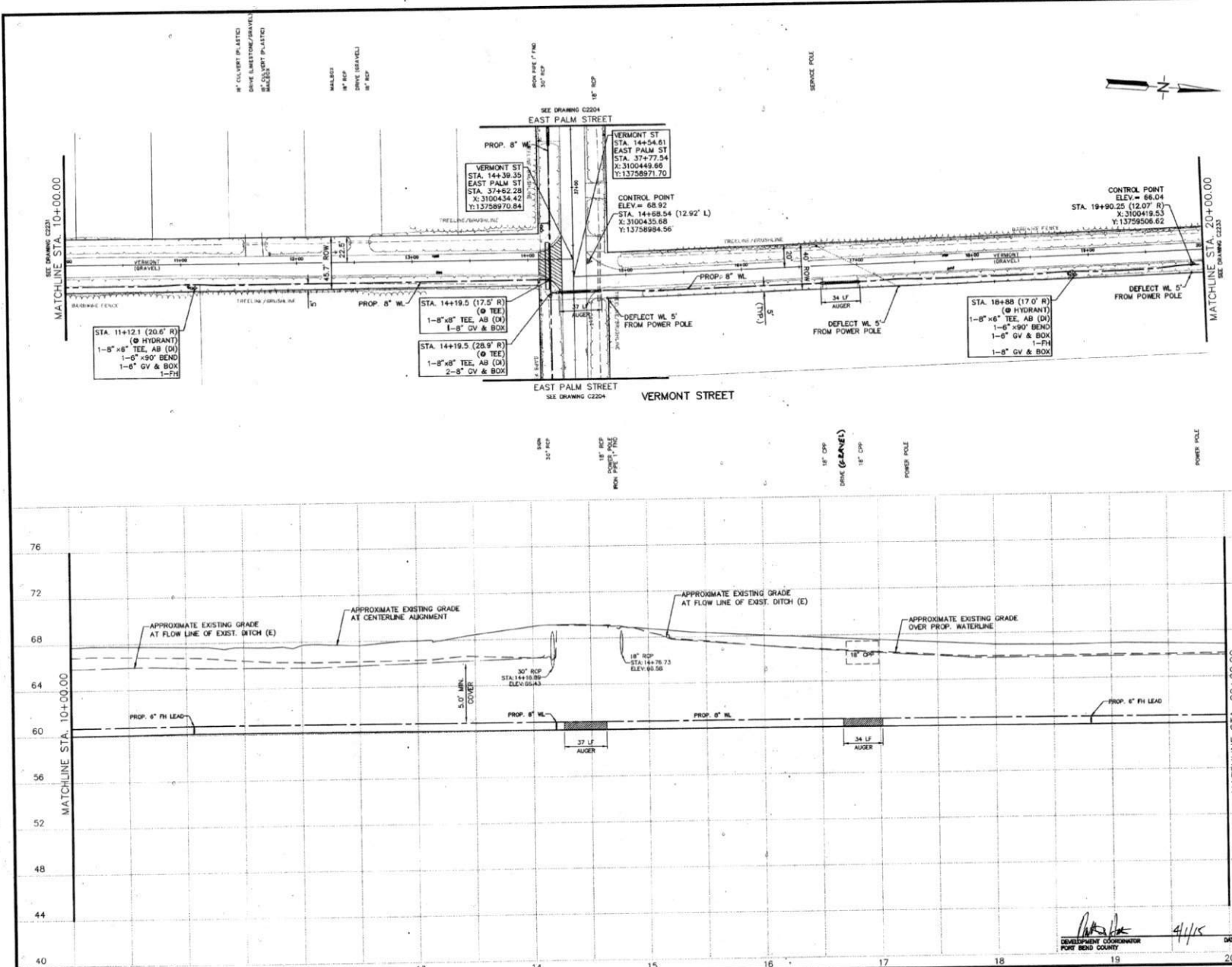
FOR BURIED UTILITY INFORMATION
 TWO (2) BUSINESS DAYS
 BEFORE YOU DIG CALL 811
 (OR 1-800-945-6005 Texas 811)
 (OR 1-800-969-8344 Lone Star 811)
 UTILITY INFORMATION ONE CALL
 www.811.org
 www.texas811.com

PROJECT BENCHMARK:
 NGS DESIGNATED M 608
 5005 FOUND IN TOP AND APPROXIMATELY 18 FEET EAST OF
 WEST END OF SOUTH CONCRETE HEADWALL OF AN 18" PIPE
 CROSSING UNDER STATE ROUTE 288 AT INTERSECTION OF DALLAS
 ROAD EAST APPROXIMATELY 138 FEET EAST OF THE
 CENTERLINE OF STATE ROUTE 288 AND 3 FEET SOUTH OF THE
 CENTERLINE OF DALLAS RD
 ELEVATION TO 70 FEET INVD IS 881

- NOTES:
1. CONTRACTOR SHALL PROVIDE ACCESS TO HOMES AT ALL TIMES.
 2. CONTRACTOR SHALL RETURN DITCHES TO PRE-CONSTRUCTION CONDITIONS OR BETTER UNLESS NOTED OTHERWISE.
 3. FIRE HYDRANTS TO BE INSTALLED 3' OFF R-O-W LINE, UNLESS NOTED OTHERWISE.
 4. ALL WATERLINES CROSSING COUNTY STREETS, INCLUDING LEADS, SHALL BE AUGERED AT LEAST 5' EACH SIDE OF PAVEMENT.

TO ARRANGE FOR LINES TO BE TURNED OFF OR MOVED, CALL CENTERPOINT ENERGY AT 713-207-2222
NOTICE:
 For your safety, you are required by Texas Law to call 811 at least 48 hours before you dig. This includes underground lines you cannot see. This verification does not hold you liable for any damage.
VERIFICATION OF PRIVATE UTILITY LINES
 I hereby certify that the following information was obtained from the utility owner(s) and is true and correct. This information is not to be used for any other purpose. (Signature lines are NOT shown.)
 Signature Valid for six months.

Signature: *[Signature]* Date: 4/15/14
 Signature: *[Signature]* Date: 4/15/14
 Signature: *[Signature]* Date: 4/15/14
 Approved by AT&T Texas SBHT underground conduit facilities ONLY.
 Signature valid for one year.



LINE NO.	DEPTH	DESCRIPTION	DATE	DRAWN	CHECKED

STATE OF TEXAS
 COUNTY OF TARRANT
 JACOBS ENGINEERING GROUP, INC.
 5600 RODGERSDALE ROAD
 HOUSTON, TEXAS 77072
 MARK 832.81.8600
 Date: 4/15/14

JACOBS
 5600 RODGERSDALE ROAD
 HOUSTON, TEXAS 77072
 MARK 832.81.8600

SEAL
 FORT BEND COUNTY FRESHWATER SUPPLY DISTRICT NO. 1
 PHASE B - WATERLINE IMPROVEMENTS

VERMONT STREET
 STA. 10+00.00 TO STA. 20+00.00

PROJECT NO.	REVISED	DATE	SCALE	SHEET
141000070184		APRIL 2014	1" = 40'	40
DESIGN	BY	CHECKED	DRAWING NO.	OF
J. APPLEGATE			C2232	88
DESIGNED BY	DATE			
D. SMITH	4/15			

811 FOR BURIED UTILITY INFORMATION
 TWO (2) BUSINESS DAYS
 BEFORE YOU DIG CALL 811
 (OR 1-800-645-6005 TOLLFREE)
 (OR 1-800-668-8344 Lone Star 811)
 UTILITY NOTIFICATION ONE CALL
 www.811.com

PROJECT BENCHMARK:
 MGS DESIGNATED M 688
 C&G FOUND IN TOP AND APPROXIMATELY 1.8 FEET EAST OF
 WEST END OF SOUTH CONCRETE HEADWALL OF AN 18" PIPE
 C&G WEST UNDER STATE RSH. AT JUNCTION OF JASMIN
 ROAD EAST APPROXIMATELY 33 FEET EAST OF THE
 CENTERLINE OF STATE ROUTE 288 AND 13 FEET SOUTH OF THE
 CENTERLINE OF DALLAS RD
 ELEVATION TO 70 FEET (NAVD 88)

- NOTES:
- CONTRACTOR SHALL PROVIDE ACCESS TO HOMES AT ALL TIMES.
 - CONTRACTOR SHALL RETURN DITCHES TO PRE-CONSTRUCTION CONDITIONS OR BETTER UNLESS NOTED OTHERWISE.
 - FIRE HYDRANTS TO BE INSTALLED 3' OFF 8'-0" W. LINE UNLESS NOTED OTHERWISE.
 - ALL WATERLINES CROSSING COUNTY STREETS, INCLUDING LEADS, SHALL BE ADGERED AT LEAST 5' EACH SIDE OF PAVEMENT.

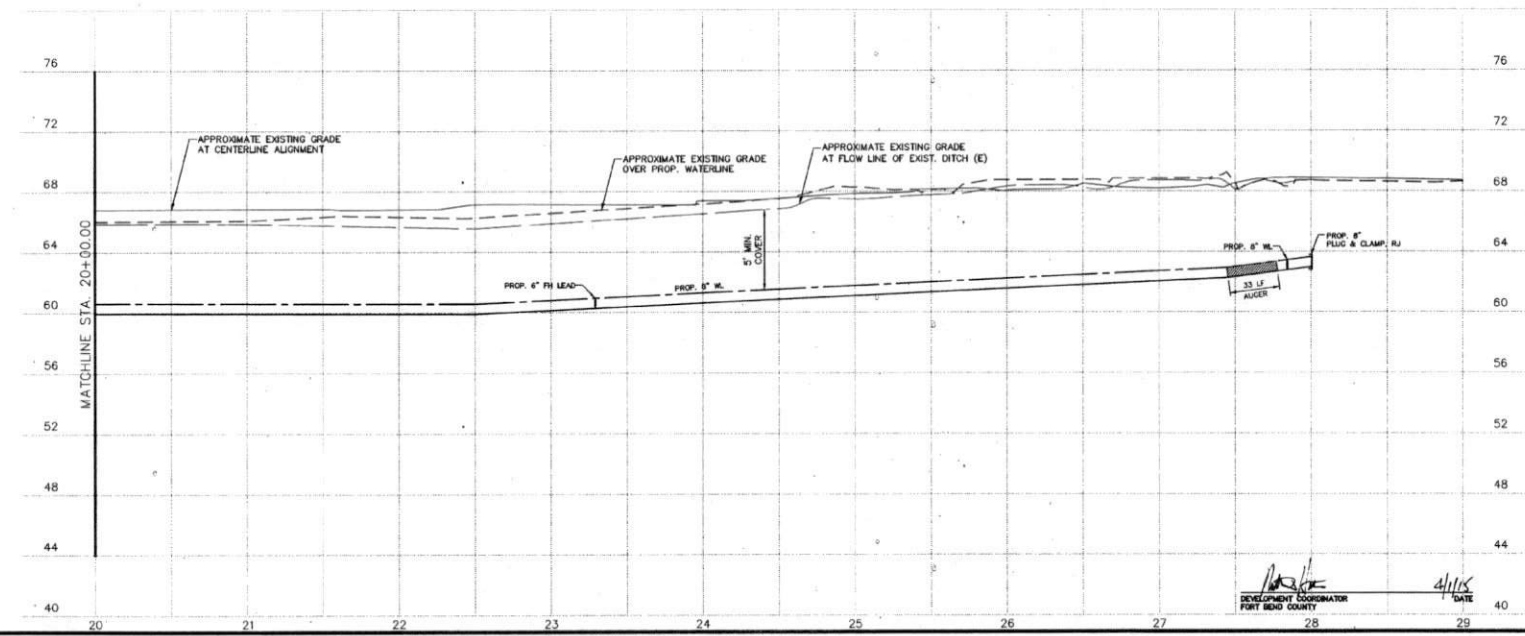
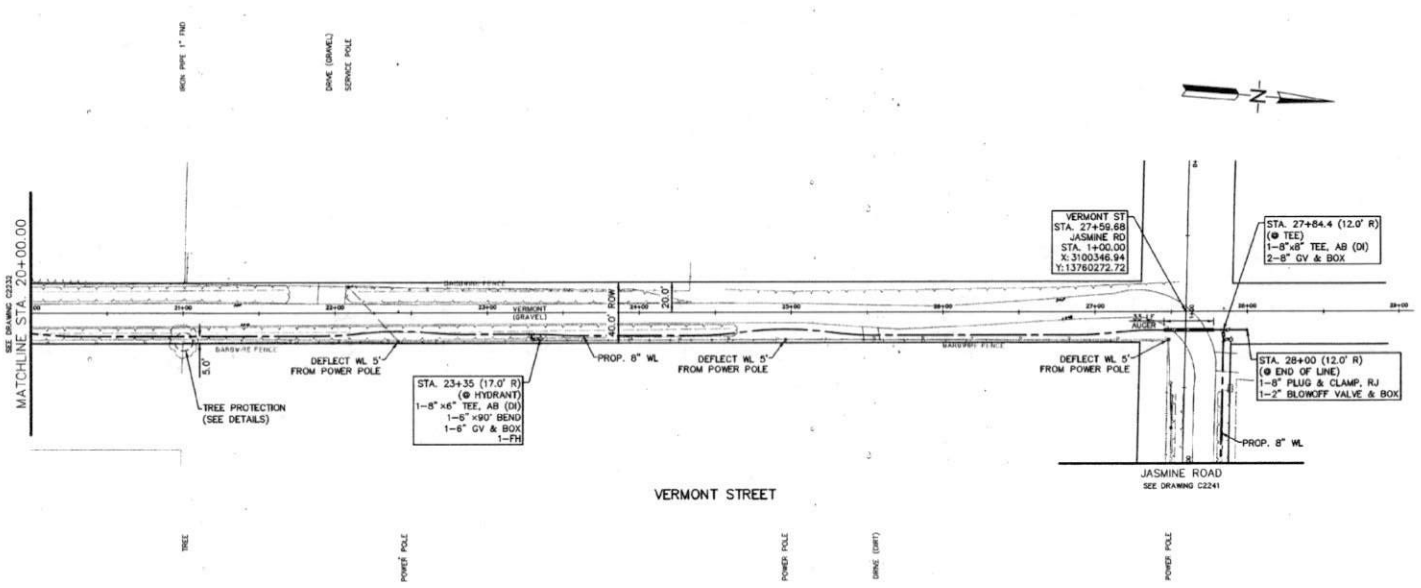
TO ARRANGE FOR LINES TO BE TURNED OFF OR MOVED, CALL CENTERPOINT ENERGY AT 713-207-2222
NOTICE:
 For your safety, you are required by Texas Law to call 811 at least 48 hours before you dig so that underground lines can be marked. The verification does not shift your obligation to call 811.

VERIFICATION OF PRIVATE UTILITY LINES

Thomas Date 4/1/15
 CenterPoint Energy/Natural Gas Facilities Verification ONLY
 (The signature certifies that you have shown CPE Natural Gas lines correctly - not to be used for utility verification.) (See service lines and NOT shown.) Signature valid for six months.

Thomas Date 4/1/15
 CenterPoint Energy/UNDERGROUND Electrical Facilities Verification ONLY
 (The signature certifies existing underground facilities - not to be used for utility verification.) Signature valid for six months.

M222 Date 4-9-15
 Approved for AT&T Texas EWISSM underground conduit facilities ONLY.
 Signature valid for one year.



STATE OF TEXAS
 ENGINEER
 JACOB ENGINEERING GROUP, INC. # 0944
 5605 RODGERDALE ROAD
 HOUSTON, TEXAS 77072
 TEXAS REGISTRATION NO. 8774 03/21/15

JACOBS
 5605 RODGERDALE ROAD
 HOUSTON, TEXAS 77072
 MAIN: 282.351.8000

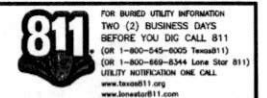
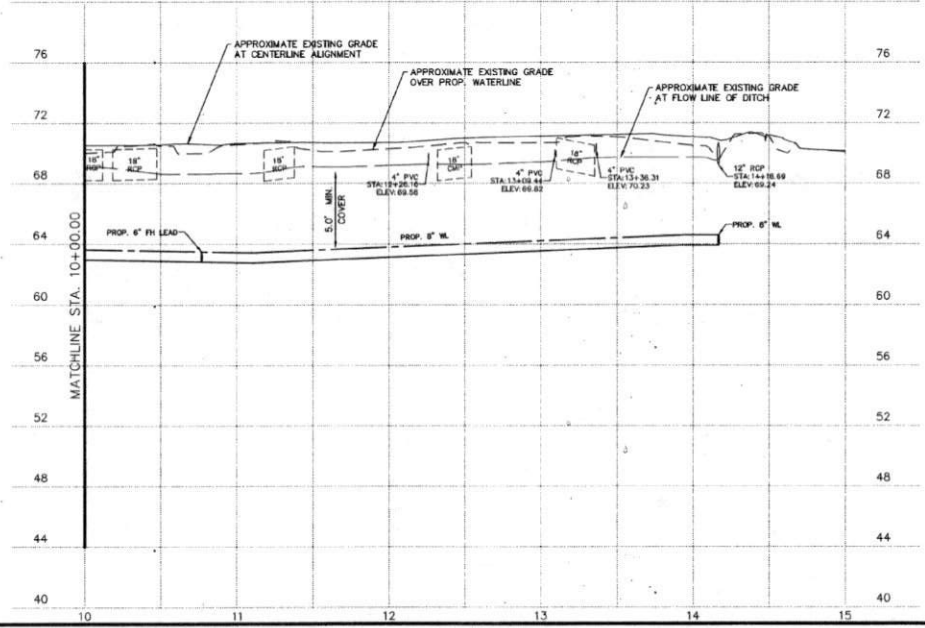
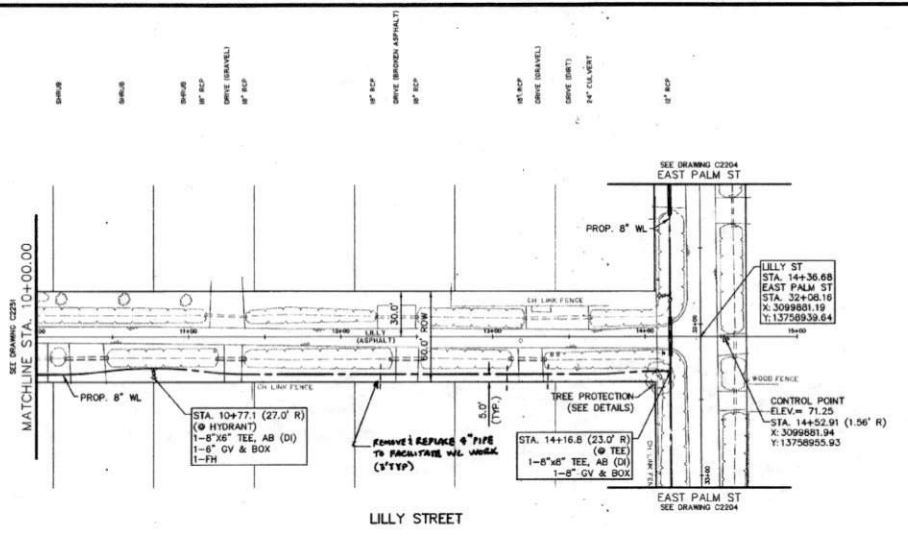
FORT BEND COUNTY FRESHWATER
 SUPPLY DISTRICT NO. 1
 PHASE II -
 WATERLINE IMPROVEMENTS

VERMONT STREET
 STA. 20+00.00 TO STA. 29+00.00

PROJECT NO. W-0001716
 DATE APR. 2014
 DESIGN W. GOCETTE
 DRAWING J. APPLIGATE
 CHECKED D. SMITH

Scale: H 1" = 40'
 V 1" = 4'

DRAWING NO. C2233
 SHEET 41 OF 66



PROJECT BENCHMARK:
 NOS DESIGNATED M 568
 288 FOUND IN TOP AND APPROXIMATELY 18 FEET EAST OF
 WEST END OF SOUTH CONCRETE HEADWALL OF AN 18" DIAM.
 24" VERT UNDER STATE ROUTE 288 AT JUNCTION OF DALLAS
 ROAD EAST APPROXIMATELY 38 FEET EAST OF THE
 CENTERLINE OF STATE ROUTE 288 AND 3 FEET SOUTH OF THE
 CENTERLINE OF DALLAS RD
 ELEVATION 70.70 FEET (NAVD 88)

- NOTES:
1. CONTRACTOR SHALL PROVIDE ACCESS TO HOMES AT ALL TIMES.
 2. CONTRACTOR SHALL RETURN DITCHES TO PRE-CONSTRUCTION CONDITIONS OR BETTER UNLESS NOTED OTHERWISE.
 3. FIRE HYDRANTS TO BE INSTALLED 3' OFF 8'-0" W' LINE, UNLESS NOTED OTHERWISE.
 4. ALL WATERLINES CROSSING COUNTY STREETS, INCLUDING LEADS, SHALL BE ANCHORED AT LEAST 5' EACH SIDE OF PAVEMENT.

TO ARRANGE FOR LINES TO BE TURNED OFF OR MOVED, CALL CENTERPOINT ENERGY AT 713-267-2222
NOTICE:
 For your safety, you are required by Texas Law to call 811 at least 48 hours before you dig to have underground lines located. This verification does not fulfill your obligation to call 811.
NOTICE:
 VERIFICATION OF PRIVATE UTILITY LINES

Signature	Date
<i>James</i>	4/8/15
<i>James</i>	4/11/15
<i>RJ</i>	4/9/15

DATE	DESCRIPTION	DATE	DATE

SEAL OF THE CITY OF FORT BEND COUNTY TEXAS
 JACOBS ENGINEERING GROUP INC. 7-0246
 8200 FORT BEND COUNTY ROAD 1
 FORT BEND COUNTY TEXAS 77424

JACOBS
 8909 FRODOGERSIALE ROAD
 HOUSTON TEXAS 77072
 MAIN: 832.351.6800

FORT BEND COUNTY FRESHWATER
 SUPPLY DISTRICT NO. 1
 PHASE B - WATERLINE IMPROVEMENTS

LILLY STREET
 STA. 10+00.00 TO STA. 15+00.00

PROJECT NO. 10-00-07234	Scale: 1" = 40'	SHEET 44 OF 86
DATE: APRIL 2014	1" = 4'	
DESIGN: J. GOCCETTE	DRAWING NO: C2252	

DEVELOPMENT COORDINATOR: *(Signature)*
 DATE: 4/11/15

811 FOR BURIED UTILITY INFORMATION
 TWO (2) BUSINESS DAYS
 BEFORE YOU DIG CALL 811
 (OR 1-800-545-8005 Texas811)
 (OR 1-800-888-8344 Lone Star 811)
 UTILITY INFORMATION ONE CALL
 www.texas811.org
 www.lonestar811.com

PROJECT BENCHMARK:
 NGS DESIGNATED M BSB
 BSK FOUND IN TOP AND APPROXIMATELY 18 FEET EAST OF
 WEST END OF SOUTH CONCRETE HEADWALL OF AN 40" PIPE
 CULVERT UNDER STATE ROUTE 288. AT JUNCTION OF DALLAS
 ROAD EAST APPROXIMATELY 38 FEET EAST OF THE
 CENTERLINE OF STATE ROUTE 288 AND 13 FEET SOUTH OF THE
 CENTERLINE OF DALLAS RD.
 ELEVATION TO 70 FEET (NAVD 88)

- NOTES:
1. CONTRACTOR SHALL PROVIDE ACCESS TO HOMES AT ALL TIMES.
 2. CONTRACTOR SHALL RETURN DITCHES TO PRE-CONSTRUCTION CONDITIONS OR BETTER UNLESS NOTED OTHERWISE.
 3. FIRE HYDRANTS TO BE INSTALLED 3' OFF R-O-W LINE, UNLESS NOTED OTHERWISE.
 4. ALL WATERLINES CROSSING COUNTY STREETS, INCLUDING LEADS, SHALL BE ANKORED AT LEAST 5' EACH SIDE OF PAVEMENT.

TO ARRANGE FOR LINES TO BE TURNED OFF OR MOVED, CALL CENTERPOINT ENERGY AT 713-261-2222
NOTICE:
 For your safety, you are required by Texas law to call 811 at least 48 hours before you dig and the underground line can be marked. This verification does not hold your obligation to call 811.

VERIFICATION OF PRIVATE UTILITY LINES
Hanna Date *4/16/15*
 Certified Professional Civil Engineer Verification ONLY.
 (This Signature verifies that you have shown CIP Utility One Line company. It is to be used for contract verification. Use services here are NOT shown.)
 Signature valid for six months.

Hanna Date *4/16/15*
 Certified Professional Electrical Engineer Verification ONLY.
 (This Signature verifies existing underground facilities - not to be used for contract verification.) Signature valid for six months.
2122 Date *4/16/15*
 Approved for ASSET TRACKING SYSTEM underground facilities ONLY.
 Signature valid for one year.

DATE	DESCRIPTION	DATE	DRN.	CHK.

Oscar
 REGISTERED GEODETIC SURVEYOR
 JACQUES CHARLES STELLER, P.E.
 TEXAS SURVEYING NO. 2154
 02/16/15

JACOBS
 5985 RICHGROVE ROAD
 HOUSTON, TEXAS 77072
 MAIN 832 351 8800

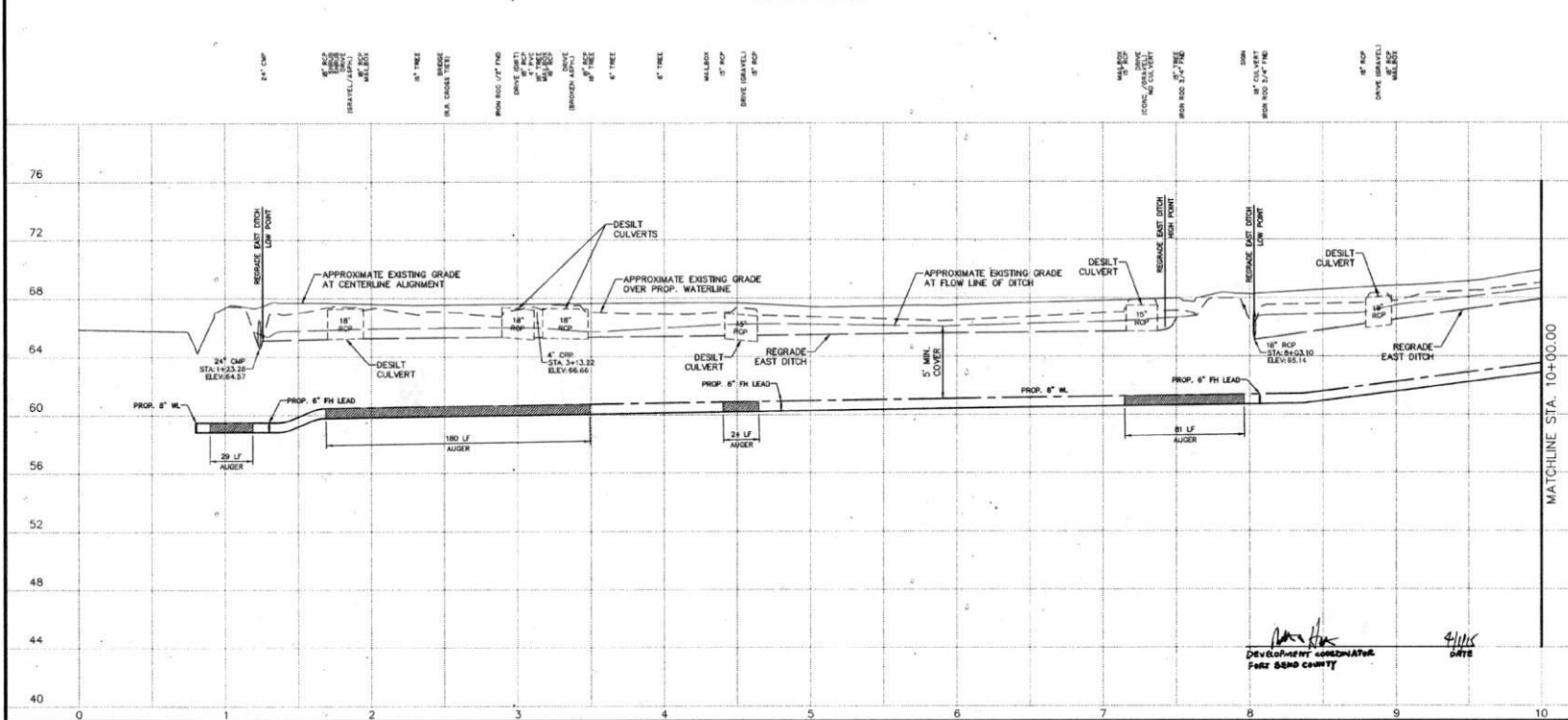
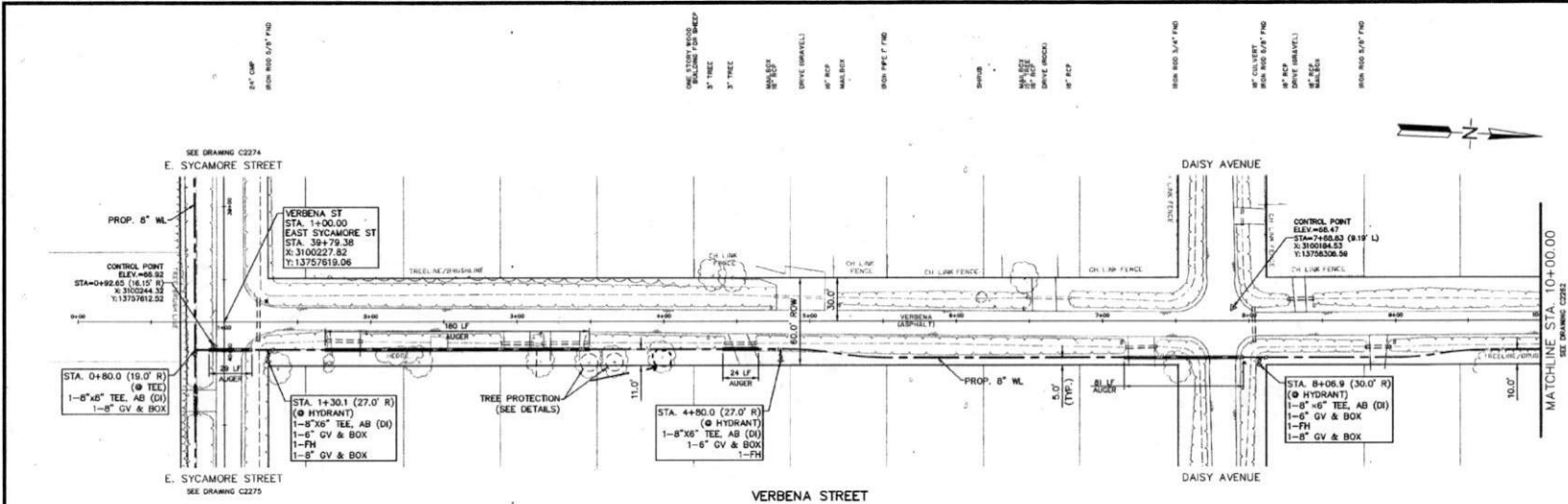
PEARLAND
 FORT BEND COUNTY FRESHWATER SUPPLY DISTRICT NO. 1
 PHASE B - WATERLINE IMPROVEMENTS

VERBENA STREET
 STA. 0+00.00 TO STA. 10+00.00

PROJECT NO. W00047514
 DATE: APRIL 2014
 DRAWN: W. GOSETTE
 CHECKED: J. APPELLIGATE
 PROJECT: D. BARTY

Scale: 1" = 40'
 1" = 4'

Sheet: **45**
 OF 88



W. Gosette
 DESIGNER/ENGINEER
 FORT BEND COUNTY

J. Applegate
 DATE

811 FOR BURIED UTILITY INFORMATION
TWO (2) BUSINESS DAYS
BEFORE YOU DIG CALL 811
 (OR 1-800-645-8005 Texas811)
 (OR 1-800-868-8344 Lone Star 811)
 UTILITY INFORMATION ONE CALL
 www.kansas811.org
 www.texas811.com

PROJECT BENCHMARK:
 NGS DESIGNATED M 668
 ONE FOUND IN TOP AND APPROXIMATELY 18 FEET EAST OF
 WEST END OF SOUTH CONCRETE HEADWALL OF AN 18" PIPE
 CULVERT UNDER STATE ROUTE 288 AT JUNCTION OF DALLAS
 ROAD EAST APPROXIMATELY 39 FEET EAST OF THE
 CENTERLINE OF STATE ROUTE 288 AND 13 FEET SOUTH OF THE
 CENTERLINE OF DALLAS RD
 ELEVATION TO 79 FEET (NAVD 88)

- NOTES:
- CONTRACTOR SHALL PROVIDE ACCESS TO HOMES AT ALL TIMES.
 - CONTRACTOR SHALL RETURN DITCHES TO PRE-CONSTRUCTION CONDITIONS OR BETTER UNLESS NOTED OTHERWISE.
 - FIRE HYDRANTS TO BE INSTALLED 3' OFF R-O-W LINE, UNLESS NOTED OTHERWISE.
 - ALL WATERLINES CROSSING COUNTY STREETS, INCLUDING LEADS, SHALL BE AUGERED AT LEAST 5' EACH SIDE OF PAVEMENT.

TO ARRANGE FOR LINES TO BE TURNED OFF OR MOVED, CALL CENTERPOINT ENERGY AT 713-261-2222
NOTICE:
 For your safety, you are required by Texas Law to call 811 at least 48 hours before you dig to find underground lines can be marked. This verification does not fulfill your obligation to call 811.

VERIFICATION OF PRIVATE UTILITY LINES

Hanna Date 4/1/15
 Certified Private Utility Location Verification ONLY
 (This signature is valid only when signed in the presence of a Texas Licensed Utility Locator and is not to be used for conflict verification.) (This service is not shown.) Signature valid for six months.

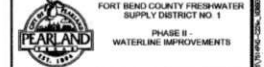
Hanna Date 4/1/15
 Registered Engineering Surveying and Engineering Inspection ONLY
 (This signature is valid only when signed in the presence of a Texas Licensed Surveyor or Engineer and is not to be used for conflict verification.) Signature valid for six months.

M220 Date 4-9-15
 Approved for AT&T Texas SHOT underground conduit facilities ONLY.
 Signature valid for one year.

MR.	DESCRIPTION	DATE	DRN.	CHK.



JACOBS
 3905 RIDGECRENSIDE ROAD
 HOUSTON, TEXAS 77078
 PHONE: 832.351.8000



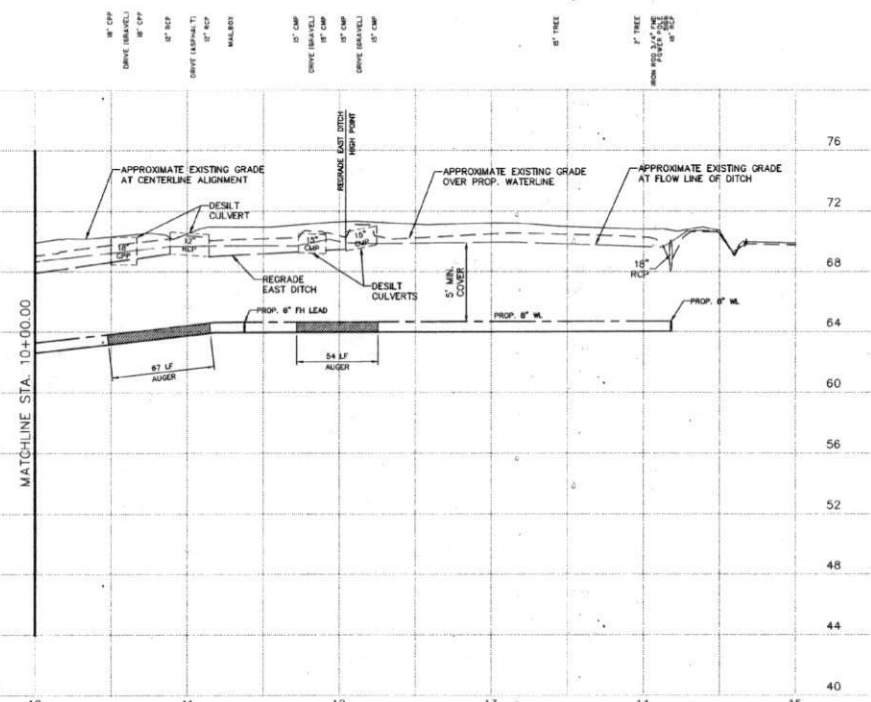
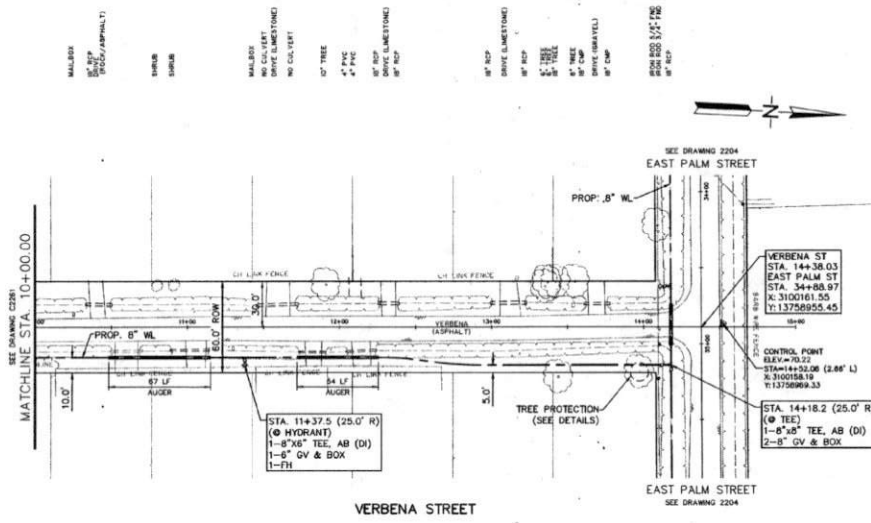
VERBENA STREET
 STA. 10+00.00 TO STA. 15+00.00

PROJECT NO. 14-0007514
 DATE: APR 2014
 DRAWN: W. GOODLETTE
 CHECKED: D. SMITH

Scale: H: 1" = 40' V: 1" = 4'-0"

DESIGNING FIRM: C2262
 CHECKED BY: D. SMITH

SHEET 46 OF 86



Development Coordinator
 Fort Bend County
 Date: 4/1/15



FOR BURIED UTILITY INFORMATION
 TWO (2) BUSINESS DAYS
 BEFORE YOU DIG CALL 811
 (OR 1-800-645-8005 Texas 811)
 (OR 1-800-646-8344 Lower Star 811)
 UTILITY NOTIFICATION ONE CALL
 www.onecall.org
 www.texas811.com

PROJECT BENCHMARK:
 NGS DESIGNATED M 558
 DISK FOUND IN TOP AND APPROXIMATELY 18 FEET EAST OF
 WEST END OF SOUTH CONCRETE HEADWALL OF AN 8" PIPE
 CULVERT UNDER STATE ROUTE 288 AT JUNCTION OF DALLAS
 ROAD EAST, APPROXIMATELY 50 FEET EAST OF THE
 CENTERLINE OF STATE ROUTE 288 AND 0 FEET SOUTH OF THE
 CENTERLINE OF DALLAS RD.
 ELEVATION TO FEET (MAYD 88)

- NOTES:**
- CONTRACTOR SHALL PROVIDE ACCESS TO HOMES AT ALL TIMES.
 - CONTRACTOR SHALL RETURN DITCHES TO PRE-CONSTRUCTION CONDITIONS OR BETTER UNLESS NOTED OTHERWISE.
 - FIRE HYDRANTS TO BE INSTALLED 3' OFF R-D-W LINE, UNLESS NOTED OTHERWISE.
 - ALL WATERLINES CROSSING COUNTY STREETS INCLUDING LEADS, SHALL BE AUGERED AT LEAST 5' EACH SIDE OF PAVEMENT.

NOTICE:
 TO ARRANGE FOR LINES TO BE TURNED OFF OR MOVED, CALL CENTERPOINT ENERGY AT 713-287-2222
NOTICE:
 For your safety, you are required by Texas Law to call 811 at least 48 hours before you dig on this site and/or before you can be worked. This verification does not relieve your obligation to call 811.

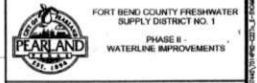
VERIFICATION OF PRIVATE UTILITY LINES

Contractor Energy/Underground Electrical Facilities (Individual ONLY)
 (This Signature verifies that you have shown CHP Notice/ Gas lines correctly and to be used for conflict verification) (Gas service lines are NOT shown.)
 Signature Valid for six months.
 Date 4/15/15

Contractor Energy/Underground Electrical Facilities (Verbatim ONLY)
 (This Signature verifies existing underground facilities - valid to be used for conflict verification) (Signature Valid for six months.)
 Date 4/15/15

Operator for FIRST Texas (FIRST) underground conflict facilities ONLY
 (Signature Valid for one year)
 Date 4/15/15

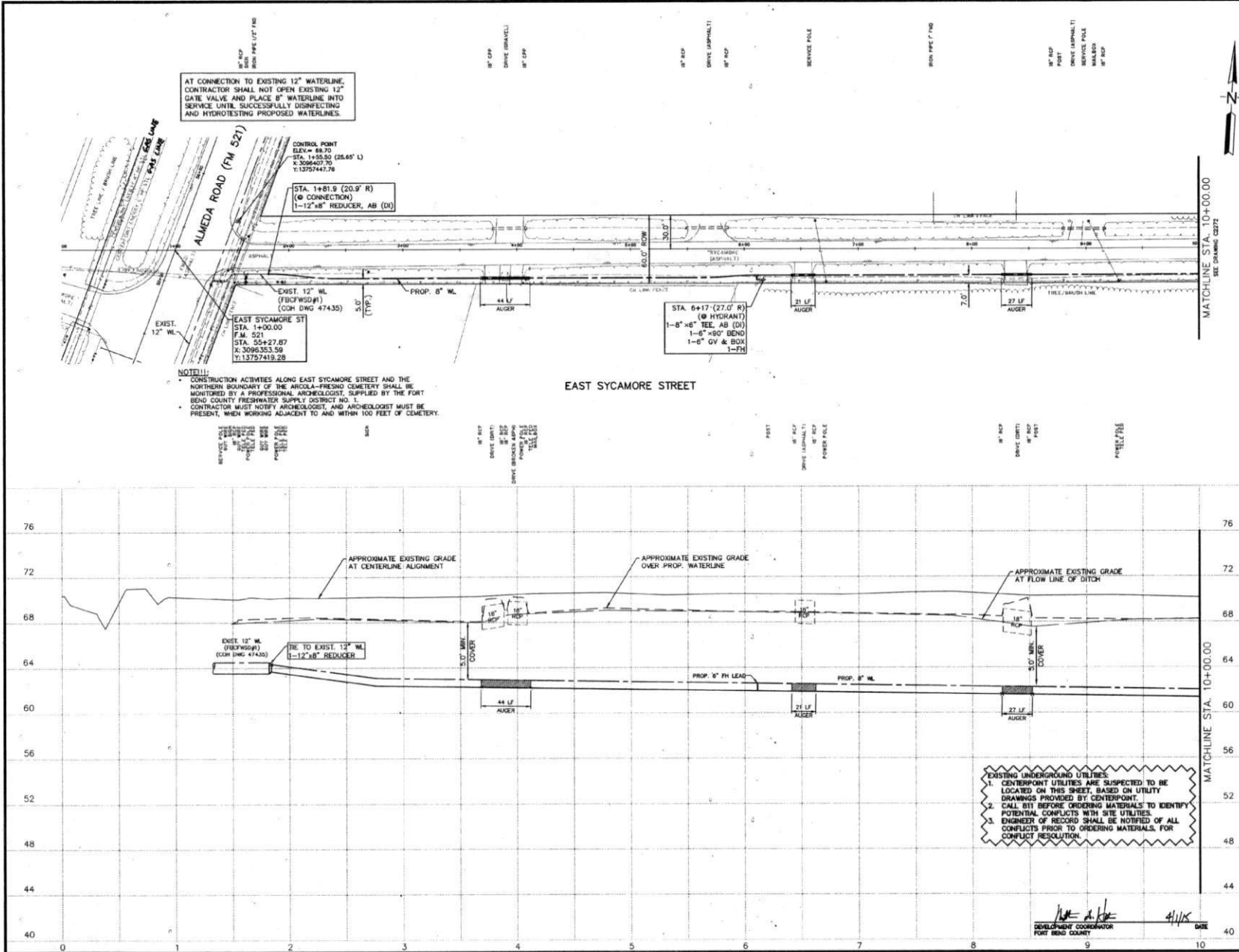
MR. DESCRIPTION	DATE	DRAWN	CHECKED



FORT BEND COUNTY FRESHWATER SUPPLY DISTRICT NO. 1
 PHASE II - WATERLINE IMPROVEMENTS

EAST SYCAMORE STREET
 STA. 0+00.00 TO STA. 10+00.00

PROJECT NO.	DATE	SCALE	SHEET
WH02H7514	APRIL 2014	1" = 40'	47
DESIGNER	DRAWING NO.	DATE	OF
M. GOODETTE	C2271	APRIL 2014	86
CHECKER	DATE		
D. SMITH			



AT CONNECTION TO EXISTING 12" WATERLINE, CONTRACTOR SHALL NOT OPEN EXISTING 12" GATE VALVE AND PLACE 8" WATERLINE INTO SERVICE UNTIL SUCCESSFULLY DISINFECTING AND HYDROTESTING PROPOSED WATERLINES.

NOTES:

- CONSTRUCTION ACTIVITIES ALONG EAST SYCAMORE STREET AND THE NORTHERN BOUNDARY OF THE AREOLA-FRESHO CEMETERY SHALL BE MONITORED BY A PROFESSIONAL ARCHEOLOGIST, SUPPLIED BY THE FORT BEND COUNTY FRESHWATER SUPPLY DISTRICT NO. 1.
- CONTRACTOR MUST NOTIFY ARCHEOLOGIST, AND ARCHEOLOGIST MUST BE PRESENT, WHEN WORKING ADJACENT TO AND WITHIN 100 FEET OF CEMETERY.

EXISTING UNDERGROUND UTILITIES:
 1. CENTERPOINT UTILITIES ARE SUSPECTED TO BE LOCATED ON THIS SHEET, BASED ON UTILITY DRAWINGS PROVIDED BY CENTERPOINT.
 2. CALL 811 BEFORE ORDERING MATERIALS TO IDENTIFY POTENTIAL CONFLICTS WITH SITE UTILITIES.
 3. ENGINEER OF RECORD SHALL BE NOTIFIED OF ALL CONFLICTS PRIOR TO ORDERING MATERIALS, FOR CONFLICT RESOLUTION.

Development Coordinator
 M. A. ... 4/15/15
 Fort Bend County

811 FOR BURIED UTILITY INFORMATION
 TWO (2) BUSINESS DAYS
 BEFORE YOU DIG CALL 811
 OR 1-800-645-8000 TOLLFREE
 (OR 1-800-849-8344 Lone Star 811)
 UTILITY NOTIFICATION ONE CALL
 www.onecall11.org
 www.811tx.com

PROJECT BENCHMARK:
 NCS DESIGNATED M 688
 CORNER FOUND IN TOP AND APPROXIMATELY 18 FEET EAST OF
 WEST END OF SOUTH CONCRETE HEADWALL OF AN 8" PIPE
 CULVERT UNDER STATE ROUTE 298, AT JUNCTION OF DALLAS
 ROAD EAST APPROXIMATELY 50 FEET EAST OF THE
 CENTERLINE OF STATE ROUTE 298 AND IS FEET SOUTH OF THE
 CENTERLINE OF DALLAS RD.
 ELEVATION TO FEET (NAVD 88)

- NOTES:
1. CONTRACTOR SHALL PROVIDE ACCESS TO HOMES AT ALL TIMES.
 2. CONTRACTOR SHALL RETURN DITCHES TO PRE-CONSTRUCTION CONDITIONS OR BETTER UNLESS NOTED OTHERWISE.
 3. FIRE HYDRANTS TO BE INSTALLED 3" OFF 4'-0" W LINE, UNLESS NOTED OTHERWISE.
 4. ALL WATERLINES CROSSING COUNTY STREETS, INCLUDING LEADS, SHALL BE AUGERED AT LEAST 5' EACH SIDE OF PAVEMENT.

TO ARRANGE FOR LINES TO BE TURNED OFF OR MOVED, CALL CENTURION ENERGY AT 713-207-2222

NOTICE:
 For your safety, you are required by Texas Law to call 811 at least 48 hours before you dig. Any requirement that can be marked. The Verification does not hold you obligated to call 811.

VERIFICATION OF PRIVATE UTILITY LINES

[Signature] Date *4/1/15*

Centurion Energy/Natural Gas Facilities Verification ONLY
 (This signature verifies existing underground facilities - not to be used for conflict verification) (See service lines are NOT shown) Signature valid for six months.

[Signature] Date *4/1/15*

Centurion Energy/Natural Gas Facilities Verification ONLY
 (This signature verifies existing underground facilities - not to be used for conflict verification) (See service lines are NOT shown) Signature valid for six months.

[Signature] Date *4/1/15*

Approved by AT&T Texas BSRM underground conduit facilities ONLY
 Signature valid for one year

DATE	DESCRIPTION	DATE	CHK.

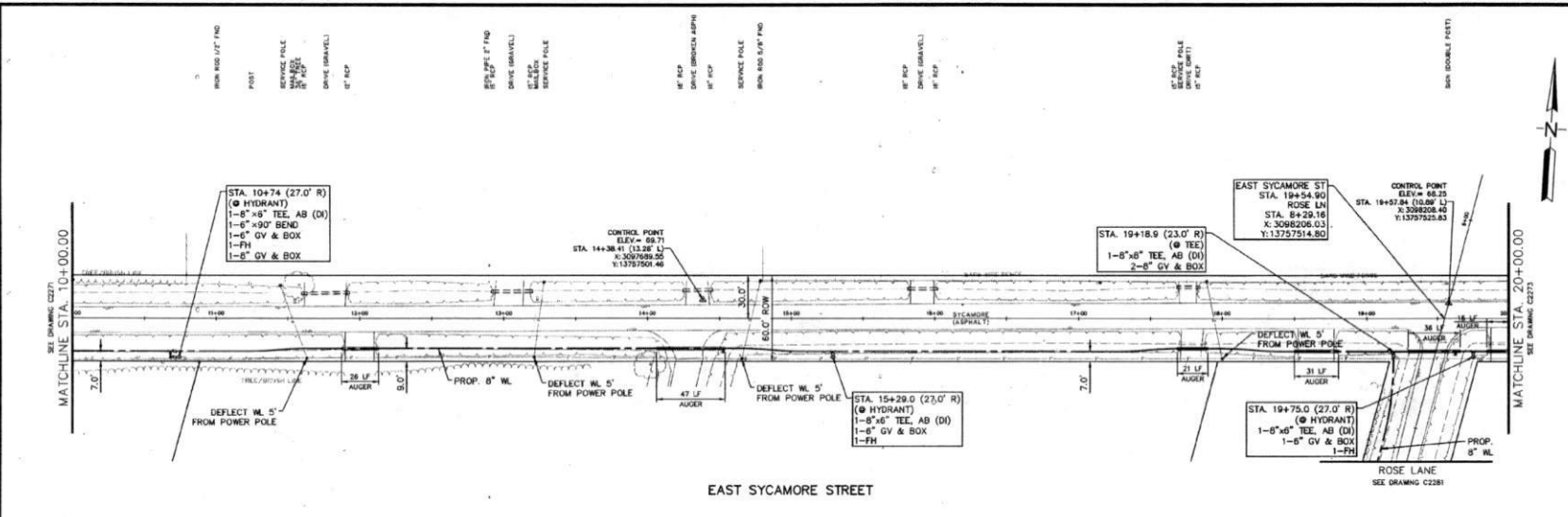
STATE OF TEXAS
 ENGINEER'S SEAL
 19758
[Signature]
 JACOBSON GROUP LLC
 ENGINEERING GROUP INC. F-2586 03/21/15
 TEXAS REGISTRATION NO. 9754

JACOBS
 3695 RIDGEMOUNT ROAD
 HOUSTON, TEXAS 77072
 MAIN 282.311.6000

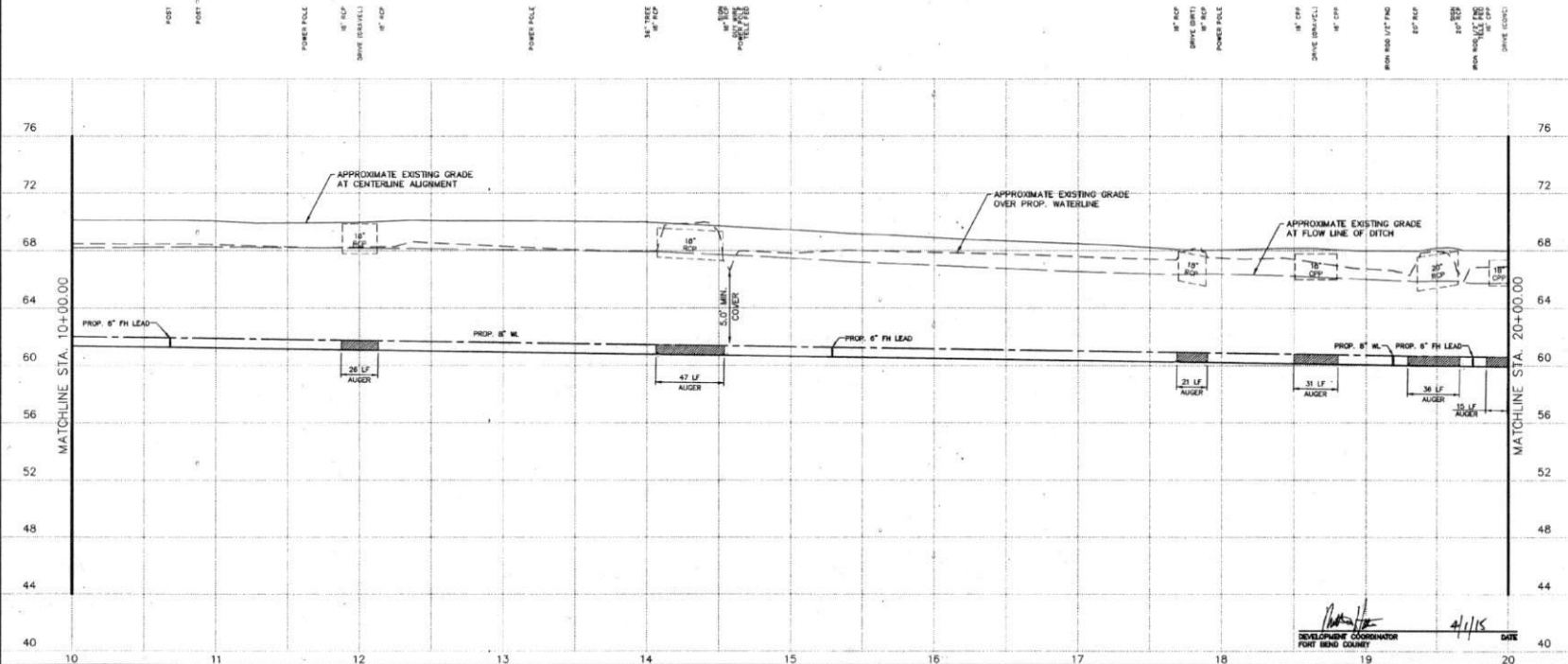
PORT BEND COUNTY FRESHWATER SUPPLY DISTRICT NO. 1
PEARLAND
 EST. 1954
 PHASE II - WATERLINE IMPROVEMENTS

EAST SYCAMORE STREET
 STA. 10+00.00 TO STA. 20+00.00

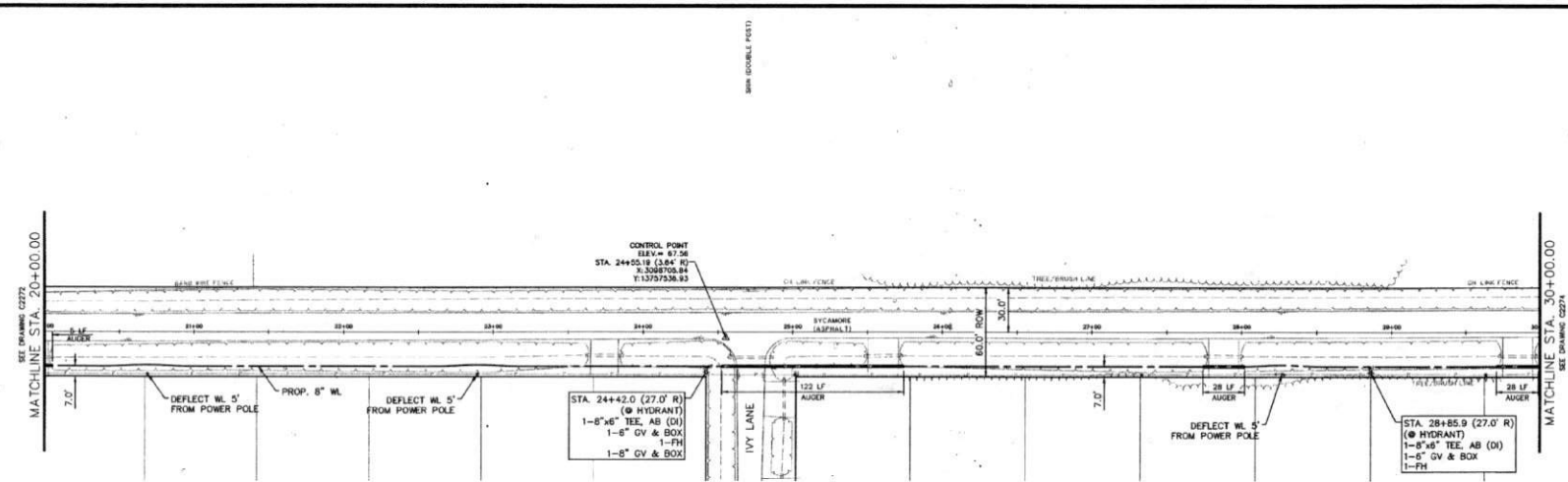
PROJECT NO. W5047914	SCALE H: 1" = 40'	SHEET
DATE: APRIL 2014	SCALE V: 1" = 4'	48
DESIGN: W. GOODRICH	DRAWING:	OF 80
PROJECT: J. APPELGAATE	PROJECT:	C2272
DESIGNED BY: G. SAEH	DRAWN BY:	



EAST SYCAMORE STREET



DEVELOPMENT COORDINATOR
 FORT BEND COUNTY
[Signature] 4/1/15



811 FOR BURIED UTILITY INFORMATION
 TWO (2) BUSINESS DAYS
 BEFORE YOU DIG CALL 811
 (OR 1-800-245-8000 TOLLFREE)
 (OR 1-800-668-8344 Long Star 811)
 UTILITY NOTIFICATION ONE CALL
 www.onecall.com
 www.texas811.org

PROJECT BENCHMARK:
 MGS DESIGNATED M 668
 BENCHMARK FOUND IN TOP AND APPROXIMATE 1.18 FEET EAST OF
 WEST END OF SOUTH CONCRETE HEADWALL, OF AN 8" PIPE,
 CALVERT UNDER STATE ROUTE 298, AT JUNCTION OF DALLAS
 ROAD EAST APPROXIMATELY 38 FEET EAST OF THE
 CENTERLINE OF STATE ROUTE 298 AND 13 FEET SOUTH OF THE
 CENTERLINE OF DALLAS RD.
 ELEVATION 70.70 FEET GNVD 88

- NOTES:**
- CONTRACTOR SHALL PROVIDE ACCESS TO HOMES AT ALL TIMES.
 - CONTRACTOR SHALL RETURN DITCHES TO PRE-CONSTRUCTION CONDITIONS OR BETTER UNLESS NOTED OTHERWISE.
 - FIRE HYDRANTS TO BE INSTALLED 3' OFF R-O-W LINE, UNLESS NOTED OTHERWISE.
 - ALL WATERLINES CROSSING COUNTY STREETS, INCLUDING LEADS, SHALL BE AUGERED AT LEAST 5' EACH SIDE OF PAVERMENT.

TO ARRANGE FOR LINES TO BE TURNED OFF OR MOVED, CALL CENTERPOINT ENERGY AT 713-287-2222

NOTICE:
 For your safety, you are required by Texas Law to call 811 at least 48 hours before you dig so the underground line can be marked. This Verification does not hold your contractor liable for any damage to utilities.

VERIFICATION OF PRIVATE UTILITY LINES
 Signature: _____ Date: 4/15/15
 CenterPoint Energy/Natural Gas Facilities Verification ONLY
 (This signature verifies that you have obtained CPEI Natural Gas line locations not to be used for conflict verification.) (Gas service lines are NOT shown.)
 Signature Valid for six months.

Signature: _____ Date: 4/15
 CenterPoint Energy/Underground Electrical Facilities Verification ONLY
 (This signature verifies existing underground facilities not to be used for conflict verification.) (Gas service lines are NOT shown.)
 Signature Valid for six months.

Signature: _____ Date: 4/15/15
 Approved for AT&T Texas Fiber Optic Undergound conduit facilities ONLY
 Signature Valid for six months

Signature: _____ Date: 4/15/15
 Approved for AT&T Texas Fiber Optic Undergound conduit facilities ONLY
 Signature Valid for six months

NO.	DESCRIPTION	DATE	BY	CHK.

NO.	DESCRIPTION	DATE	BY	CHK.

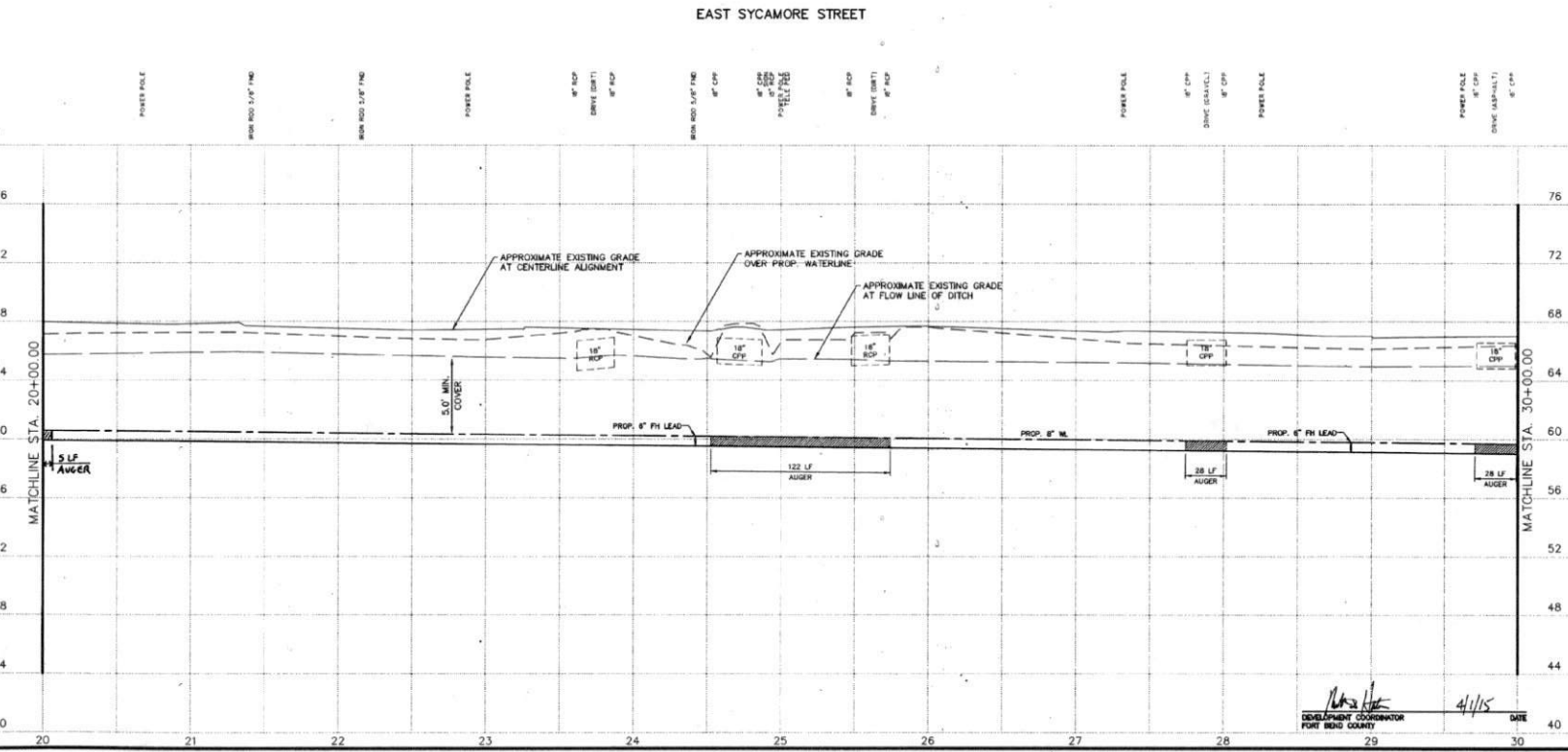
STATE OF TEXAS
 COMMERCIAL REGISTRATION
 91760
 Signature: _____
 JACOBS ENGINEERING GROUP INC. 1-1364
 TEXAS REGISTRATION NO. 93181 03/21/15

JACOBS
 8969 RODGERIALE ROAD
 HOUSTON, TEXAS 77072
 MARK 42-21-8000

FORT BEND COUNTY FRESHWATER SUPPLY DISTRICT NO. 1
PEARLAND
 PHASE II - WATERLINE IMPROVEMENTS

EAST SYCAMORE STREET
 STA. 20+00.00 TO STA. 30+00.00

PROJECT NO. WH047514 DRAWING NO. C2273 SHEET NO. 49 OF 66
 DATE: APR. 2014
 DESIGNER: S. COLETTE
 DESIGNER: J. APPELLATE
 DRAWER: S. SMITH



DEVELOPMENT COORDINATOR
 PORT BEND COUNTY
 Signature: _____ DATE: 4/15

811 FOR BURIED UTILITY INFORMATION
 TWO (2) BUSINESS DAYS
 BEFORE YOU DIG CALL 811
 (OR 1-800-545-6005 Texas811)
 (OR 1-800-688-8344 Lone Star 811)
 UTILITY INFORMATION ONE CALL
 www.kansas811.org
 www.texas811.com

PROJECT BENCHMARK:
 NGS DESIGNATED M 668
 288' FROM W. TOP AND APPROXIMATELY 18' FEET EAST OF
 WEST END OF SOUTH CONCRETE HEADWALL OF AN 18" PIPE
 CULVERT UNDER STATE ROUTE 88, AT JUNCTION OF DALLAS
 ROAD EAST APPROXIMATELY 39 FEET EAST OF THE
 CENTERLINE OF STATE ROUTE 288 AND 3 FEET SOUTH OF THE
 CENTERLINE OF DALLAS RD
 ELEVATION 10.70 FEET (NAVD 88)

- NOTES:
- CONTRACTOR SHALL PROVIDE ACCESS TO HOMES AT ALL TIMES.
 - CONTRACTOR SHALL RETURN DITCHES TO PRE-CONSTRUCTION CONDITIONS OR BETTER UNLESS NOTED OTHERWISE.
 - FIRE HYDRANTS TO BE INSTALLED 3' OFF R-O-W LINE UNLESS NOTED OTHERWISE.
 - ALL WATERLINES CROSSING COUNTY STREETS, INCLUDING LEADS, SHALL BE AUGERED AT LEAST 5' EACH SIDE OF PAVEMENT.

TO ARRANGE FOR LINES TO BE TURNED OFF OR MOVED, CALL CENTERPOINT ENERGY AT 713-207-2222
NOTICE:
 For your safety, you are required by Texas Law to call 811 at least 48 hours before you dig so that underground lines can be marked. This verification does not fulfill your obligation to call 811.
VERIFICATION OF PRIVATE UTILITY LINES

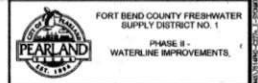
Amma Date 4/11/15
 CenterPoint Energy/Natural Gas Facilities Verification ONLY.
 This signature verifies that you have shown CenterPoint Energy Gas lines correctly and to be used for conflict verification. (Gas service lines are NOT shown.)
 Signature Valid for six months.

Amma Date 4/11/15
 CenterPoint Energy/Underground Electrical Facilities Verification ONLY.
 This signature verifies that you have shown CenterPoint Energy Electrical lines correctly and to be used for conflict verification. (Signature valid for six months.)
 Approved for AT&T Texas 811® underground conduit facilities ONLY.
 Signature Valid for one year.

ML. DESCRIPTION	DATE	DRW.	CHK.

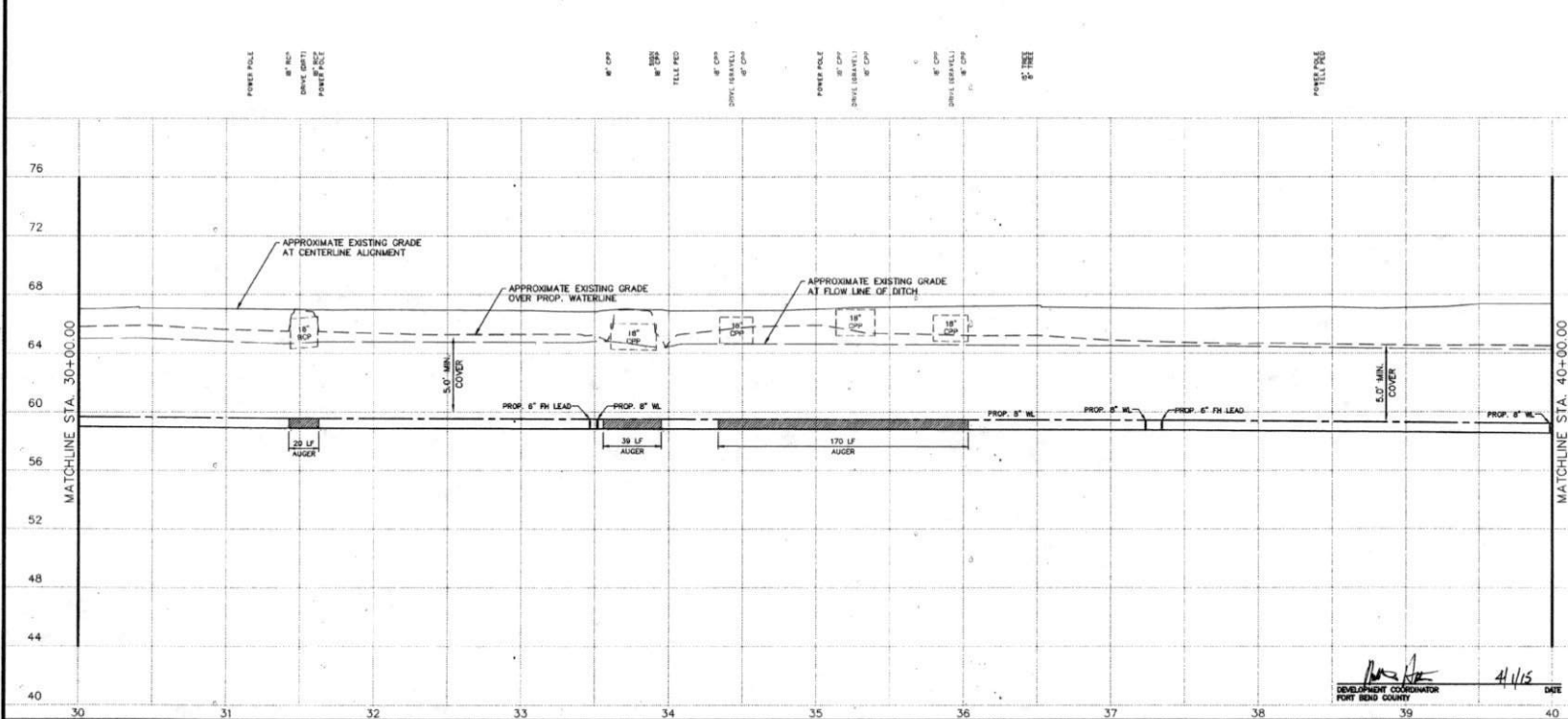
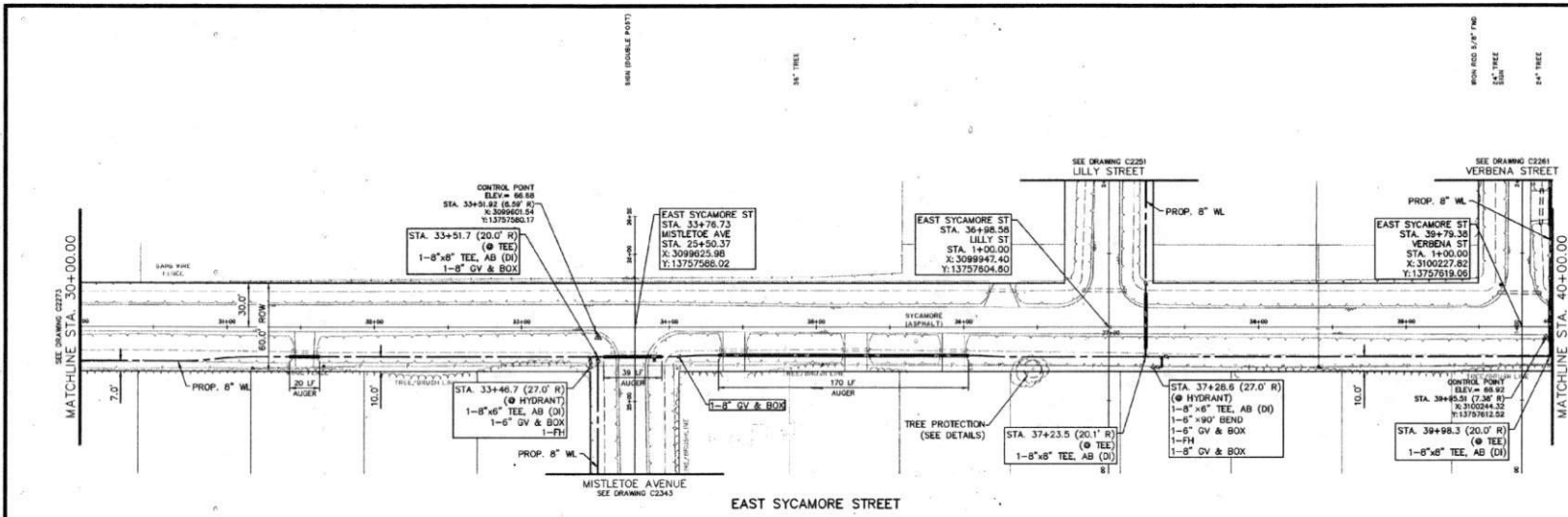


JACOBS
 5805 RIDGECREEK ROAD
 HOUSTON, TEXAS 77032
 MARK: 832 351 8800



EAST SYCAMORE STREET
 STA. 30+00.00 TO STA. 40+00.00

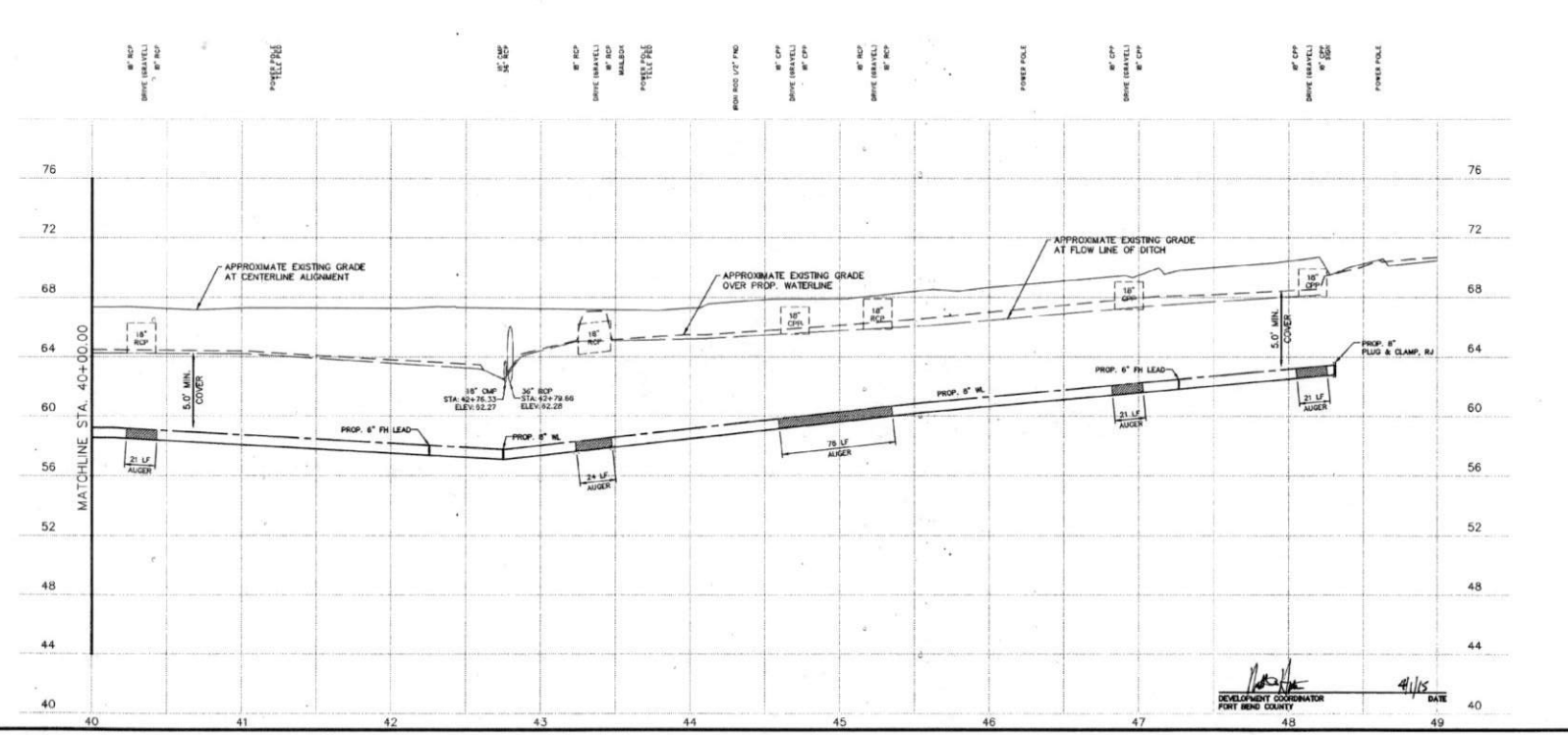
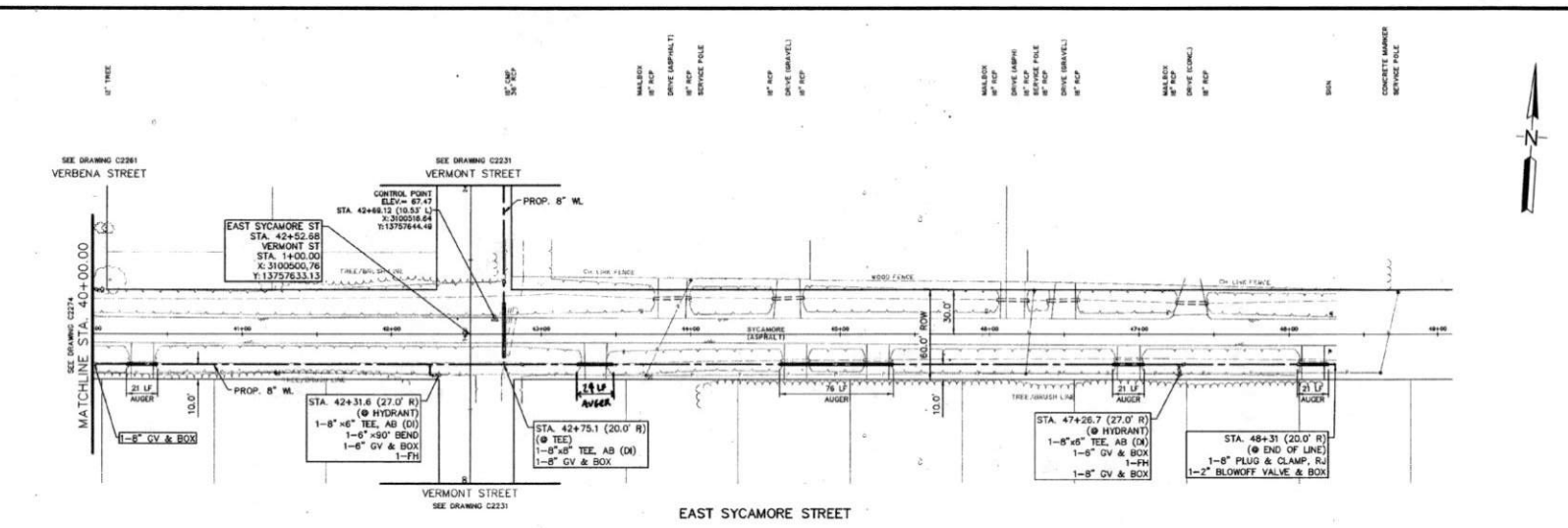
PROJECT NO. HND070514
 DATE: APR. 2014
 DRAWN: W. GOCETTE
 CHECKED: J. APPELBADE
 INCH: 1" = 40'
 SHEET: 50 OF 86
 DRAWING NO.: C2274



DEVELOPMENT COORDINATOR
 PORT BEND COUNTY
 DATE: 4/11/15

PROJECT BENCHMARK:
 NGS DESIGNATED M 688
 BESE FOUND IN TOP AND APPROXIMATELY 14 FEET EAST OF
 WEST END OF SOUTH CONCRETE HEADWALL OF AN 18" PIPE
 CONDUIT UNDER STATE ROUTE 204 AT ANCHOR OF DALLAS
 ROAD EAST APPROXIMATELY 39 FEET EAST OF THE
 CENTERLINE OF STATE ROUTE 204 AND 13 FEET SOUTH OF THE
 CENTERLINE OF DALLAS RD.
 ELEVATION TO 70 FEET (MVD 88)

- NOTES:**
- CONTRACTOR SHALL PROVIDE ACCESS TO HOMES AT ALL TIMES.
 - CONTRACTOR SHALL RETURN DITCHES TO PRE-CONSTRUCTION CONDITIONS OR BETTER UNLESS NOTED OTHERWISE.
 - FIRE HYDRANTS TO BE INSTALLED 3" OFF 8'-0" W. LINE, UNLESS NOTED OTHERWISE.
 - ALL WATERLINES CROSSING COUNTY STREETS, INCLUDING LEADS, SHALL BE AUGERED AT LEAST 5' EACH SIDE OF PAVEMENT.



TO ARRANGE FOR LINES TO BE TURNED OFF OR
 MOVED, CALL CENTERPOINT ENERGY AT 713-307-2222
NOTICE:
 For your safety, you are required by Texas Law to call 811 at least 48 hours
 before you dig to find underground lines. If you are not sure what lines are under the ground, you
 may also wish to call 811. This notice does not relieve you of your obligation to call 811.

VERIFICATION OF PRIVATE UTILITY LINES

Signature Date 4/1/14
 CenterPoint Energy/Gas Facilities Verification ONLY.
 (This Signature verifies that you have shown CIP before the lines were
 dug to be used for confirm verification.) (This signature is NOT valid for air credits.)
 Signature Valid for one year.

Signature Date 4/1/14
 CenterPoint Energy/UNDERGROUND Electrical Facilities Verification ONLY.
 (This Signature verifies existing underground facilities - not to be used for
 confirm verification.) (Signature valid for six months.)
 Signature Valid for six months.

Signature Date 4/1/14
 Approved for AT&T Texas SMIT underground conduit facilities ONLY.
 Signature Valid for one year.

MR. DESCRIPTION	DATE	DRW.	CHK.



JACOBS
 5909 RICHMOND AVE.
 HOUSTON, TEXAS 77032
 PHONE 281.261.8000

FORT BEND COUNTY FRESHWATER
 SUPPLY DISTRICT NO. 1
 PHASE II -
 WATERLINE IMPROVEMENTS

EAST SYCAMORE STREET
 STA. 40+00.00 TO STA. 49+00.00

PROJECT NO. WA-DUTS14	Scale	DATE	SHEET
	1" = 40'	APR 2014	41 OF 47
DATE	1" = 4"		
DESIGNER	DRAWING NO.		
J. APPELGAATE	C2275		
DATE	4/1/14		
E. SMITH			

PROJECT BENCHMARK:
 NGS DESIGNATED M 668
 BENCHMARK FOUND IN TOP AND APPROXIMATELY 18 FEET EAST OF
 WEST END OF SOUTH CONCRETE HEADWALL OF AN 18" PIPE
 DRAIN UNDER STATE ROUTE 288 AT JUNCTION OF DALLAS
 ROAD EAST APPROXIMATELY 38 FEET EAST OF THE
 CENTERLINE OF STATE ROUTE 288 AND 8 FEET SOUTH OF THE
 CENTERLINE OF DALLAS RD
 ELEVATION 70.70 FEET (NAVD 88)

- NOTES:
1. CONTRACTOR SHALL PROVIDE ACCESS TO HOMES AT ALL TIMES
 2. CONTRACTOR SHALL RETURN DITCHES TO PRE-CONSTRUCTION CONDITIONS OR BETTER UNLESS NOTED OTHERWISE.
 3. FIRE HYDRANTS TO BE INSTALLED 3' OFF R-0-M LINE, UNLESS NOTED OTHERWISE.
 4. ALL WATERLINES CROSSING COUNTY STREETS, INCLUDING LEADS, SHALL BE AUGERED AT LEAST 5' EACH SIDE OF PAVEMENT.

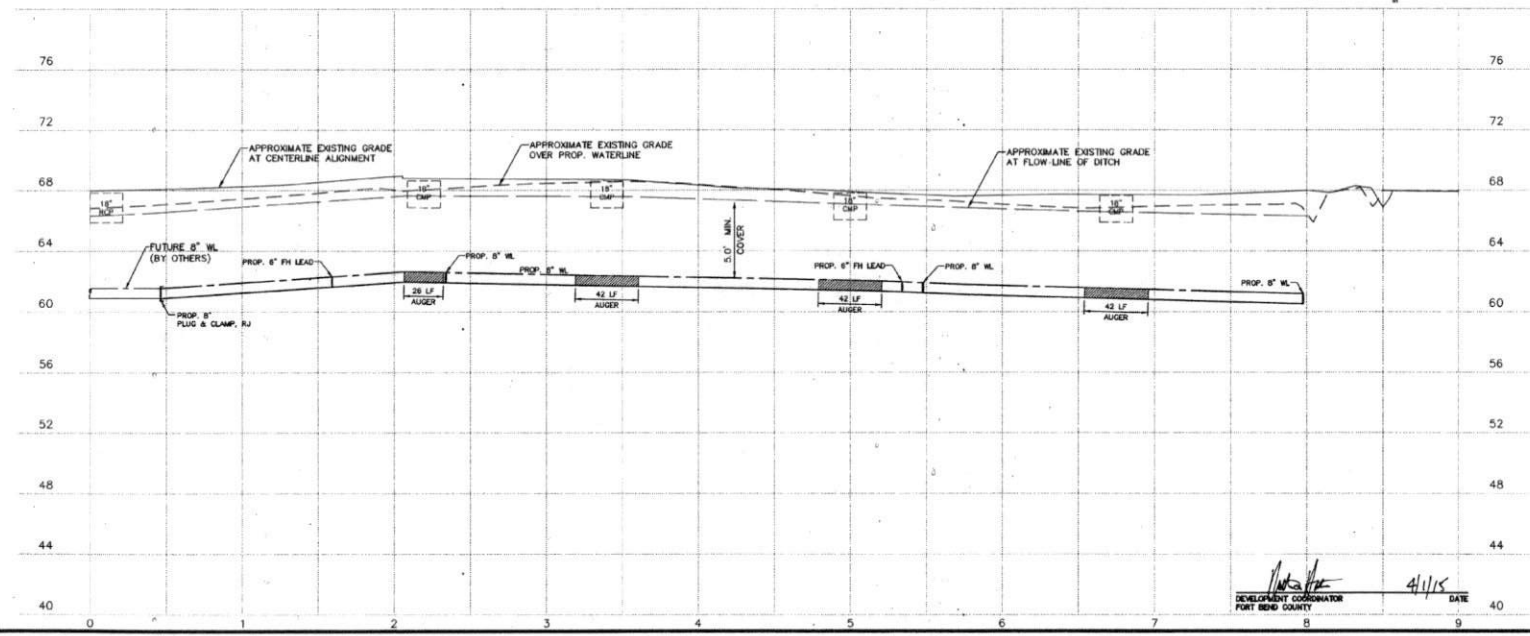
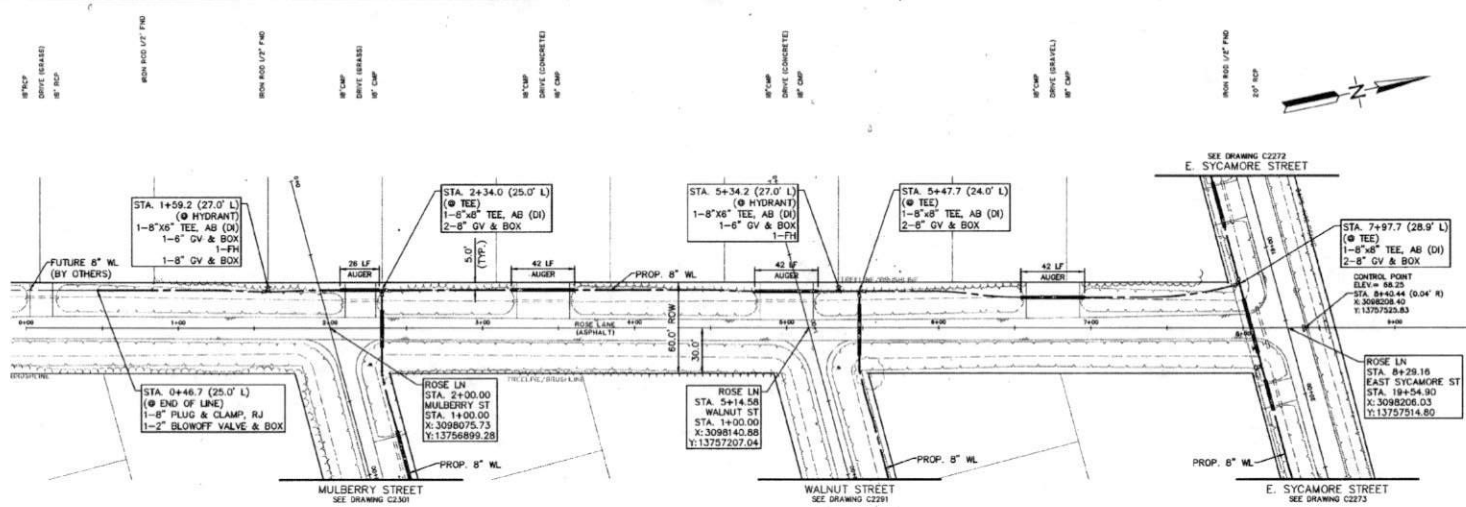
TO ARRANGE FOR LINES TO BE TURNED OFF OR MOVED, CALL CENTERPOINT ENERGY AT 713-207-2222
NOTICE:
 For your safety, you are required by Texas Law to call 811 at least 48 hours before you dig to find underground lines can be marked. This verification does not fulfill your obligation to call 811.

VERIFICATION OF PRIVATE UTILITY LINES

Signature Date *4/8/15*
 CenterPoint Energy/Natural Gas Facilities Verification ONLY
 (This Signature verifies that you have asked CenterPoint Energy (or its county not to be used for conflict verification.) (See service lines are NOT shown.)
 Signature Valid for six months.

Signature Date *4/8/15*
 CenterPoint Energy/UNDERGROUND Electrical Facilities Verification ONLY
 (This Signature verifies existing underground facilities - not to be used for conflict verification.) (See service lines are NOT shown.)
 Signature Valid for six months.

Signature Date *4/9/15*
 Approved by AT&T Texas BSWT underground conduit facilities ONLY
 Signature Valid for six months.



DEVELOPMENT COORDINATOR
 DATE *4/15*

JACOBS
 3803 PROGRESS ROAD
 HOUSTON, TEXAS 77072
 MAIN 832.351.6000

FORT BEND COUNTY FRESHWATER SUPPLY DISTRICT NO. 1
 PHASE B - WATERLINE IMPROVEMENTS

ROSE LANE
 STA. 0+00.00 TO STA. 9+00.00

JACOBS ENGINEERING GROUP INC.
 15550 DAVIS DRIVE, SUITE 100
 HOUSTON, TEXAS 77058
 TEXAS REGISTRATION NO. 97159

811 FOR BURIED UTILITY INFORMATION
 TWO (2) BUSINESS DAYS
 BEFORE YOU DIG CALL 811
 (OR 1-800-545-6005 Texas 811)
 UTILITY INFORMATION ONE CALL
 www.811.com
 www.texas811.com

PROJECT BENCHMARK:
 NOS DESIGNATED M 666
 BENCHMARK FOUND IN TOP AND APPROXIMATELY 18 FEET EAST OF
 WEST END OF SOUTH CONCRETE HEADWALL OF AN 18" PIPE
 CULVERT UNDER STATE ROUTE 288 AT JUNCTION OF DALLAS
 ROAD EAST APPROXIMATELY 39 FEET EAST OF THE
 CENTERLINE OF STATE ROUTE 288 AND IS FEET SOUTH OF THE
 CENTERLINE OF DALLAS RD.
 ELEVATION TO 70 FEET (MAYD 88)

- NOTES:
- CONTRACTOR SHALL PROVIDE ACCESS TO HOMES AT ALL TIMES.
 - CONTRACTOR SHALL RETURN DITCHES TO PRE-CONSTRUCTION CONDITIONS OR BETTER UNLESS NOTED OTHERWISE.
 - FIRE HYDRANTS TO BE INSTALLED 3' OFF R-TO-W LINE, UNLESS NOTED OTHERWISE.
 - ALL WATERLINES CROSSING COUNTY STREETS, INCLUDING LEADS, SHALL BE ANGERED AT LEAST 5' EACH SIDE OF PAVEMENT.

TO ARRANGE FOR LINES TO BE TURNED OFF OR MOVED, CALL CENTERPOINT ENERGY AT 713-267-2222
NOTICE:
 For your safety, you are required by Texas Law to call 811 at least 48 hours before you dig. If that underground line can be marked, this verification does not fully your obligation to call 811.

VERIFICATION OF PRIVATE UTILITY LINES
 Signature: *[Signature]* Date: 4/1/14
 Certified Electrical Gas Facilities Verification ONLY
 (This Signature verifies existing underground facilities - not to be used for conflict verification.) (Gas service lines are NOT shown.)
 Signature Valid for six months.

Signature: *[Signature]* Date: 4/1/14
 Certified UNDERGROUND Electrical Facilities Verification ONLY
 (This Signature verifies existing underground facilities - not to be used for conflict verification.) (Signature Valid for six months.)
 Signature: *[Signature]* Date: 4-1-14
 Approved by AT&T Texas DWBT underground conduit facilities ONLY
 Signature Valid for one year.

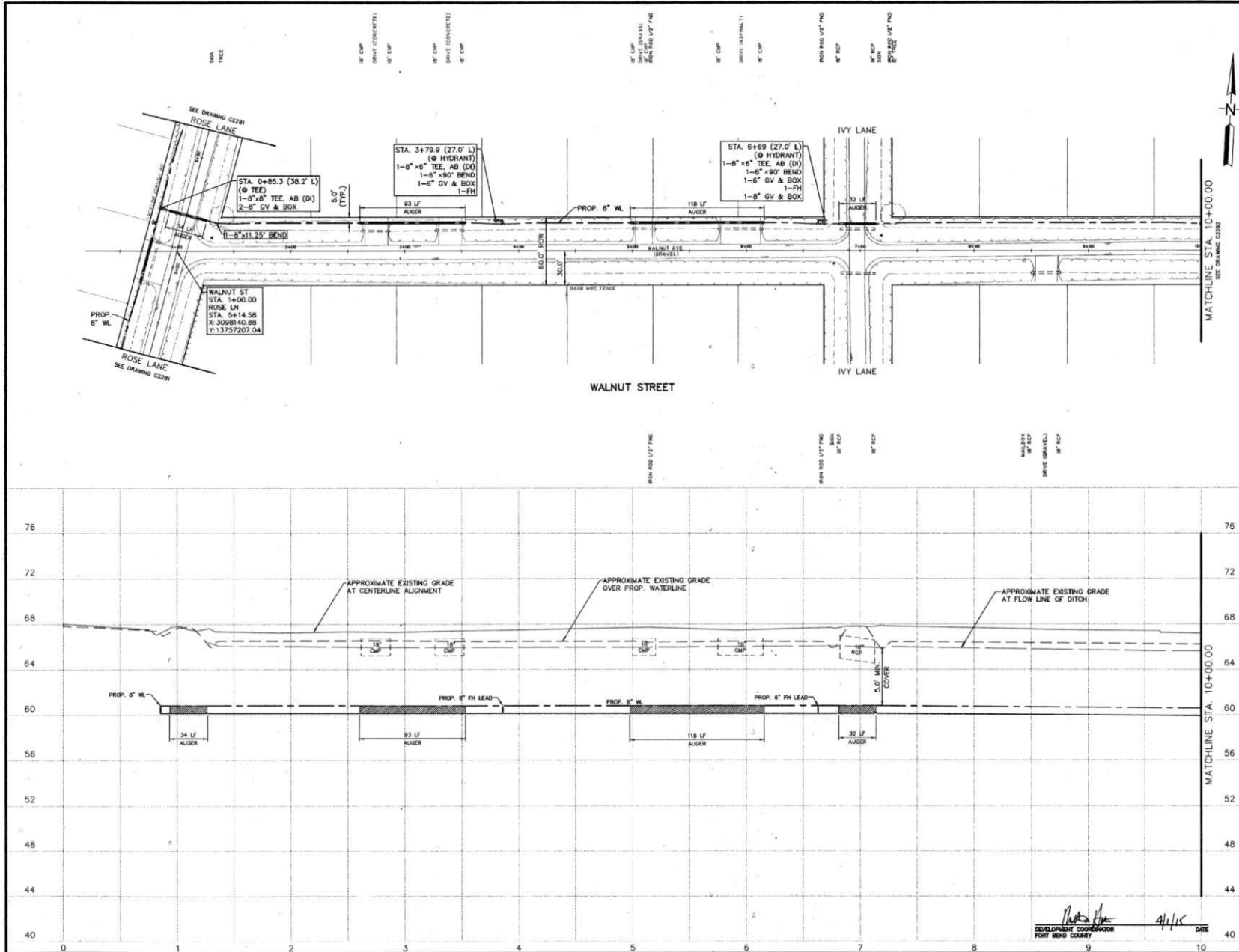
W/L DESCRIPTION	DATE	DRAWN	CHKD.

JACOBS
 3605 RIDGEMORE ROAD
 HOUSTON, TEXAS 77072
 MARK 832.351.6000

PORT BEND COUNTY FRESHWATER SUPPLY DISTRICT NO. 1
 PHASE II - WATERLINE IMPROVEMENTS

WALNUT STREET
 STA. 0+00.00 TO STA. 10+00.00

PROJECT NO: 18100-07514
 DATE: APRIL 2014
 DRAWN: M. COQUETTE
 CHECKED: J. APPLICATE
 DESIGNED: J. APPLICATE
 DATE: APRIL 2014
 SHEET: 53 OF 86



MATCHLINE STA. 10+00.00
SEE DRAWING C2281

MATCHLINE STA. 0+00.00

DEVELOPMENT COORDINATOR
 PORT BEND COUNTY
 DATE: 4/1/14

811 FOR BURIED UTILITY INFORMATION -
 TWO (2) BUSINESS DAYS
BEFORE YOU DIG CALL 811
 (OR 1-800-545-6005 Texas811)
 (OR 1-800-888-8344 Lone Star 811)
 UTILITY WORKER/OWNER ONE CALL
 www.know811.org

PROJECT BENCHMARK:
 NOS DESIGNATED # 658
 ONE (1) BENCH MARK IS LOCATED APPROXIMATELY 18 FEET EAST OF
 WEST END OF SOUTH CONCRETE HEADWALL OF AN 18" PIPE
 CULVERT UNDER STATE ROUTE 288 AT JUNCTION OF DALLAS
 ROAD EAST APPROXIMATELY 39 FEET EAST OF THE
 CENTERLINE OF STATE ROUTE 288 AND 25 FEET SOUTH OF THE
 ELEVATION TO 70 FEET (DAVID 88)

- NOTES:
- CONTRACTOR SHALL PROVIDE ACCESS TO HOMES AT ALL TIMES.
 - CONTRACTOR SHALL RETURN DITCHES TO PRE-CONSTRUCTION CONDITIONS OR BETTER UNLESS NOTED OTHERWISE.
 - FIRE HYDRANTS TO BE INSTALLED 3' OFF R-O-W LINE UNLESS NOTED OTHERWISE.
 - ALL WATERLINES CROSSING COUNTY STREETS, INCLUDING LEADS, SHALL BE AUGERED AT LEAST 5' EACH SIDE OF PAVEMENT.

TO ARRANGE FOR LINES TO BE TURNED OFF OR MOVED, CALL CENTERPOINT ENERGY AT 713-207-2222
NOTICE:
 For your safety, you are required by Texas Law to call 811 at least 48 hours before you dig so that underground lines can be marked. This notification does not fulfill your obligation to call 811.

VERIFICATION OF PRIVATE UTILITY LINES

Home Date 4/6/15
 Signature: _____
 (This Signature verifies that you have about CWP National Gas lines installed. It is not for control verification.) (See service book for NOT shown.) Signature valid for six months.

Home Date 4/6/15
 Signature: _____
 (This Signature verifies existing underground facilities. This Signature verifies existing underground facilities. It is not to be used for control verification.) Signature valid for six months.

WJZ Date 4-9-15
 Signature: _____
 (This Signature verifies existing underground facilities. It is not to be used for control verification.) Signature valid for one year.

NO.	DESCRIPTION	DATE	DRAWN	CHECK

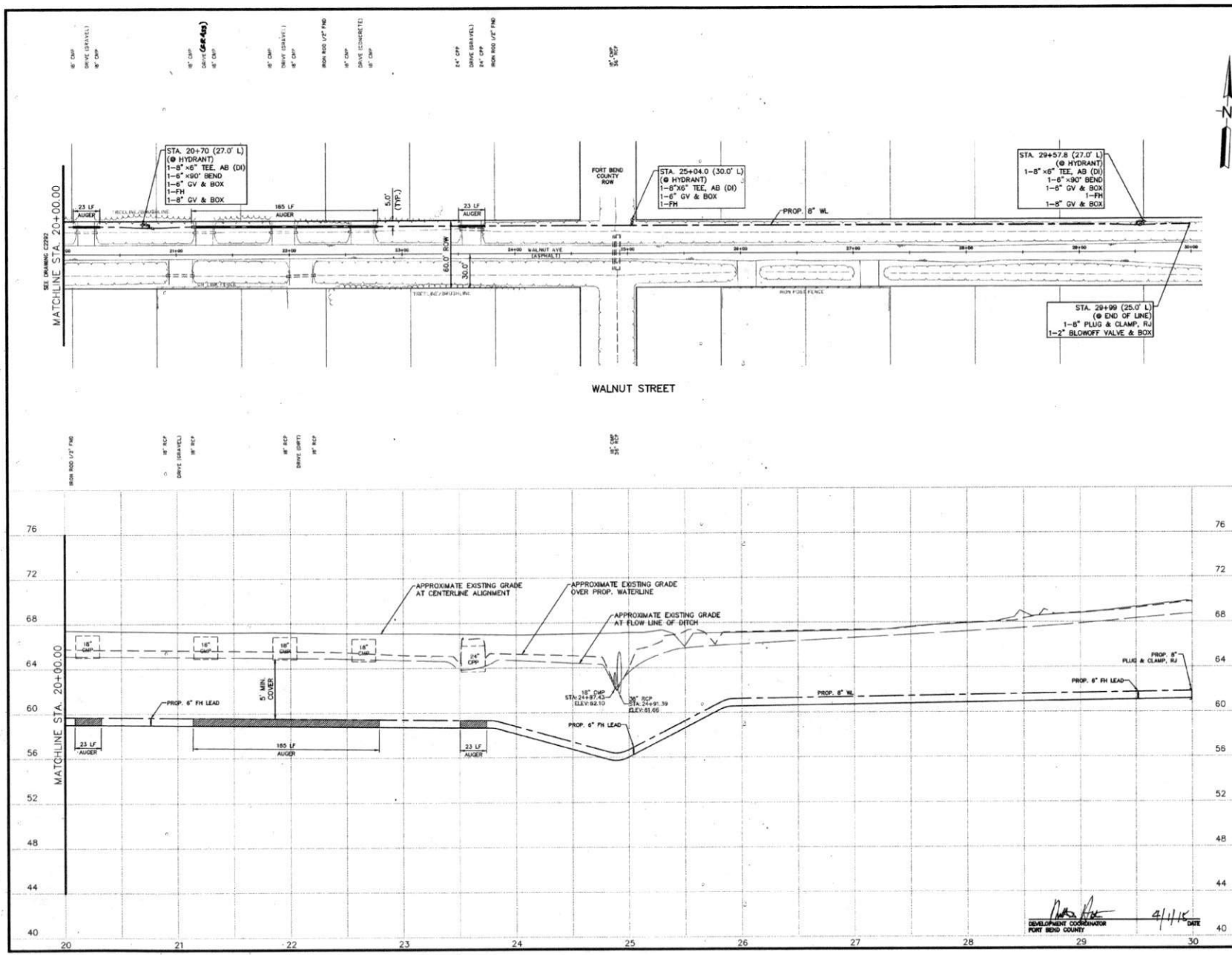
STATE OF TEXAS
 SEAL OF DAVID CHARLES DYKAL, JR.
 91758
 JACOBSON & ASSOCIATES, L.P.
 2005 HICKORYDALE ROAD
 HOUSTON, TEXAS 77072
 PHONE: 832.911.8000
 es/115

JACOBS
 2005 HICKORYDALE ROAD
 HOUSTON, TEXAS 77072
 PHONE: 832.911.8000

FORT BEND COUNTY FRESHWATER SUPPLY DISTRICT NO. 1
 PHASE II - WATERLINE IMPROVEMENTS

WALNUT STREET
 STA. 20+00.00 TO STA. 30+00.00

PROJECT NO: WH007514 Date: 4/1/15 SHEET
 DATE: APR. 2014 H: 1" = 40' V: 1" = 4' 55
 DESIGN: W. GOCETTE Drawing No.:
 CHECKED: S. KOPPELSTEIN
 CONTRACTOR: C2293 OF 88



SEE DRAWING C2292
 MATCHLINE STA. 20+00.00

MATCHLINE STA. 20+00.00

W. Gocette
 PROJECT COORDINATOR
 FORT BEND COUNTY
 DATE: 4/1/15

811 FOR BURIED UTILITY INFORMATION
 TWO (2) BUSINESS DAYS
 BEFORE YOU DIG CALL 811
 (OR 1-800-545-8000 Texas811)
 (OR 1-800-668-8344 Lone Star 811)
 UTILITY INFORMATION ONE CALL
 www.komstar811.com
 www.komstar811.com

PROJECT BENCHMARK:
 NGS DESIGNATED M 668
 ONE FOUND IN TOP END APPROXIMATELY 18 FEET EAST OF
 WEST END OF SOUTH CONCRETE HEADWALL OF AN 40" PIPE
 CULVERT UNDER STATE ROUTE 288 AT JUNCTION OF DALLAS
 ROAD EAST APPROXIMATELY 30 FEET EAST OF THE
 CENTERLINE OF STATE ROUTE 288 AND IS 3 FEET SOUTH OF THE
 CENTERLINE OF DALLAS RD.
 ELEVATION TO 70 FEET (NAVD 88)

- NOTES:
- CONTRACTOR SHALL PROVIDE ACCESS TO HOMES AT ALL TIMES.
 - CONTRACTOR SHALL RETURN DITCHES TO PRE-CONSTRUCTION CONDITIONS OR BETTER UNLESS NOTED OTHERWISE.
 - FIRE HYDRANTS TO BE INSTALLED 3' OFF R-O-W LINE, UNLESS NOTED OTHERWISE.
 - ALL WATERLINES CROSSING COUNTY STREETS, INCLUDING LEADS, SHALL BE AUGERED AT LEAST 3' EACH SIDE OF PAVEMENT.

TO ARRANGE FOR LINES TO BE TURNED OFF OR MOVED, CALL CENTERPOINT ENERGY AT 713-207-2222
NOTICE:
 For your safety, you are required by Texas Law to call 811 at least 48 hours before you dig. Any underground line not marked by 811 is not marked. The verification does not fulfill your obligation to call 811.

VERIFICATION OF PRIVATE UTILITY LINES
Johnson Date **4/6/15**
 CenterPoint Energy/Natural Gas Facilities Verification ONLY
 (This signature certifies existing underground facilities - not to be used for certified verification.) (Gas service lines are NOT shown.)
 Signature valid for six months.

Johnson Date **4/6/15**
 CenterPoint Energy/UNDERGROUND Essential Facilities Verification ONLY
 (This signature certifies existing underground facilities - not to be used for certified verification.) (Signature valid for six months.)
 Approved by AT&T Texas SWFT underground conduit facilities ONLY
 Signature valid for one year.

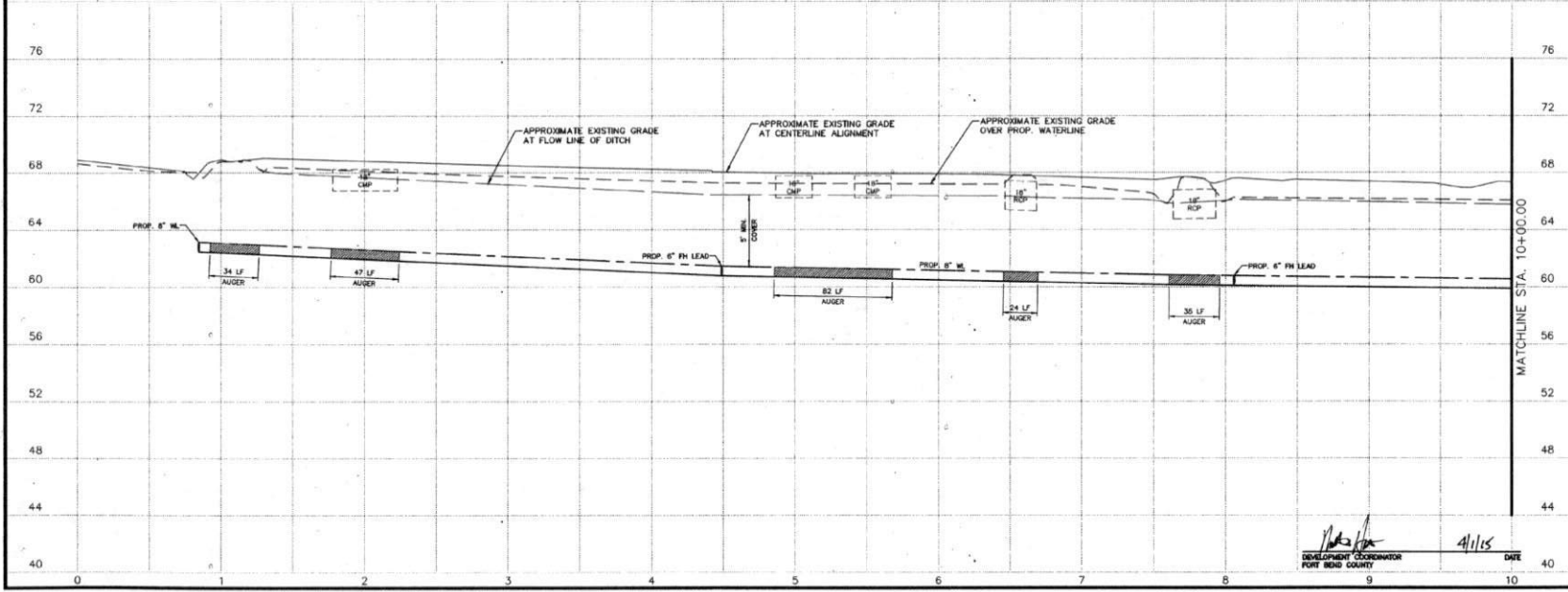
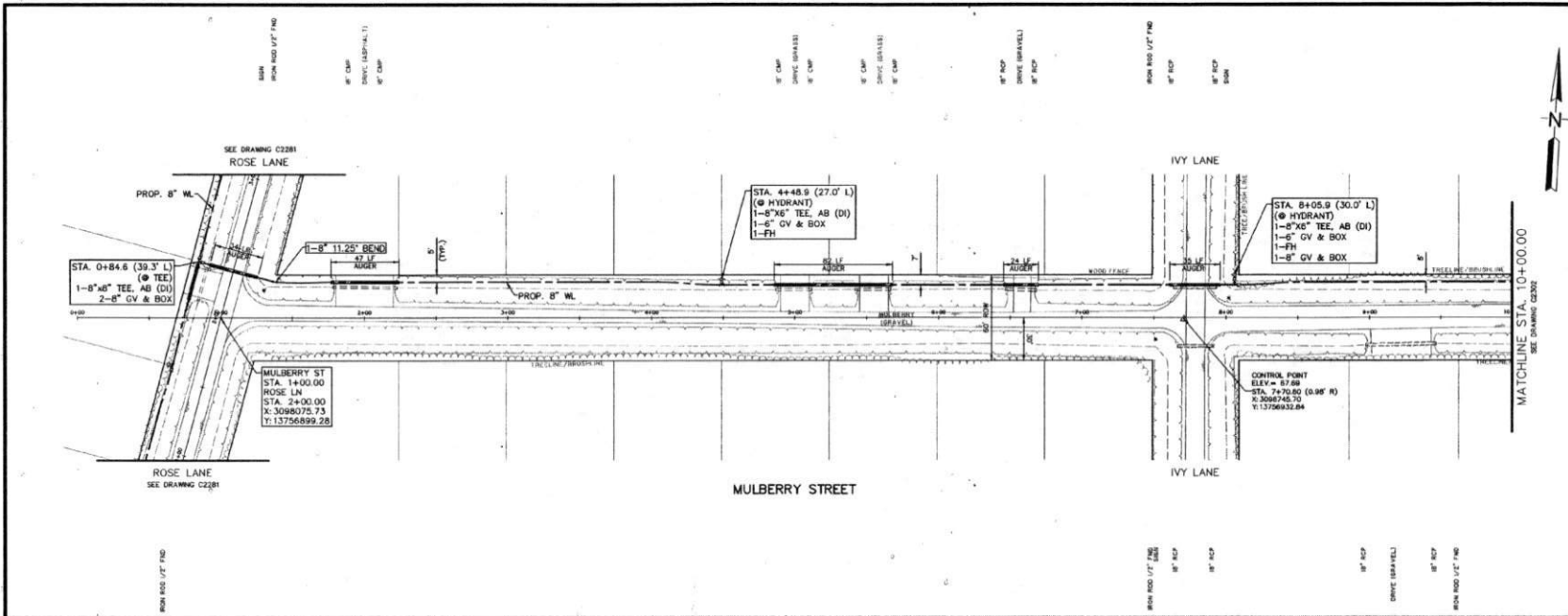
MR. DESCRIPTION	DATE	DW.	CHK.

JACOBS
 5955 RODGERSDALE ROAD
 HOUSTON, TEXAS 77072
 MAIN: 832.351.8000

PEARLAND
 FORT BEND COUNTY FRESHWATER
 SUPPLY DISTRICT NO. 1
 PHASE B -
 WATERLINE IMPROVEMENTS

MULBERRY STREET
 STA. 0+00.00 TO STA. 10+00.00

PROJECT NO.: W-020/2014	Scale	SHEET
DATE: APRIL 2014	H: 1" = 40'	56
DRAWN BY: CICOETTE	V: 1" = 4"	OF 68
DRAWN BY: J. APPELGATE		
INCHES: C2301		



DEVELOPMENT COORDINATOR
 FORT BEND COUNTY
 DATE: 4/1/15

811 FOR BURIED UTILITY INFORMATION
 BEFORE YOU DIG CALL 811
 (OR 1-800-845-8008 TOLLFREE)
 (OR 1-800-888-8344 LINE STOP 811)
 UTILITY INFORMATION ONE CALL
 www.811.org
 www.austli811.com

PROJECT BENCHMARK
 NGS DESIGNATED M 668
 ONE FOUND IN TOP AND APPROXIMATELY 18 FEET EAST OF
 WEST END OF SOUTH CONCRETE HEADWALL OF AN 18" PIPE
 CULVERT UNDER STATE ROUTE 286, AT JUNCTION OF GALLAS
 ROAD EAST, APPROXIMATELY 79 FEET EAST OF THE
 CENTERLINE OF STATE ROUTE 286 AND 13 FEET SOUTH OF THE
 CENTERLINE OF GALLAS RD.
 ELEVATION TO 70 FEET (NAVD 88)

- NOTES:
1. CONTRACTOR SHALL PROVIDE ACCESS TO HOMES AT ALL TIMES.
 2. CONTRACTOR SHALL RETURN DITCHES TO PRE-CONSTRUCTION CONDITIONS OR BETTER UNLESS NOTED OTHERWISE.
 3. FIRE HYDRANTS TO BE INSTALLED 3' OFF R-D-W LINE UNLESS NOTED OTHERWISE.
 4. ALL WATERLINES CROSSING COUNTY STREETS, INCLUDING LEADS, SHALL BE AUGERED AT LEAST 5' EACH SIDE OF PAVEMENT.

TO ARRANGE FOR LINES TO BE TURNED OFF OR MOVED, CALL CENTERPOINT ENERGY AT 713-207-2222
NOTICE:
 For your safety, you are required by Texas Law to call 811 at least 48 hours before any excavation work can be started. This Verification does not fulfill your obligation to call 811.

VERIFICATION OF PRIVATE UTILITY LINES
Thomas Date *4/6/15*
 Confirmed Underground Gas Facilities Verification ONLY.
 (This signature certifies that you have checked CIP Material One time accuracy not to be used for conflict verification.) (Date service lines are NOT shown.)
 Signature Valid for six months.

Thomas Date *4/6/15*
 Confirmed Underground Electrical Facilities Verification ONLY.
 (This signature certifies existing underground facilities - not to be used for conflict verification.) (Signature Valid for six months.)
Muel Date *4/1/15*
 Approved by AT&T Texas SWBT underground conflict facilities ONLY.
 Signature Valid for one year.

NO.	DATE	BY	CHK.	
NO.	DESCRIPTION	DATE	OWN.	CHK.

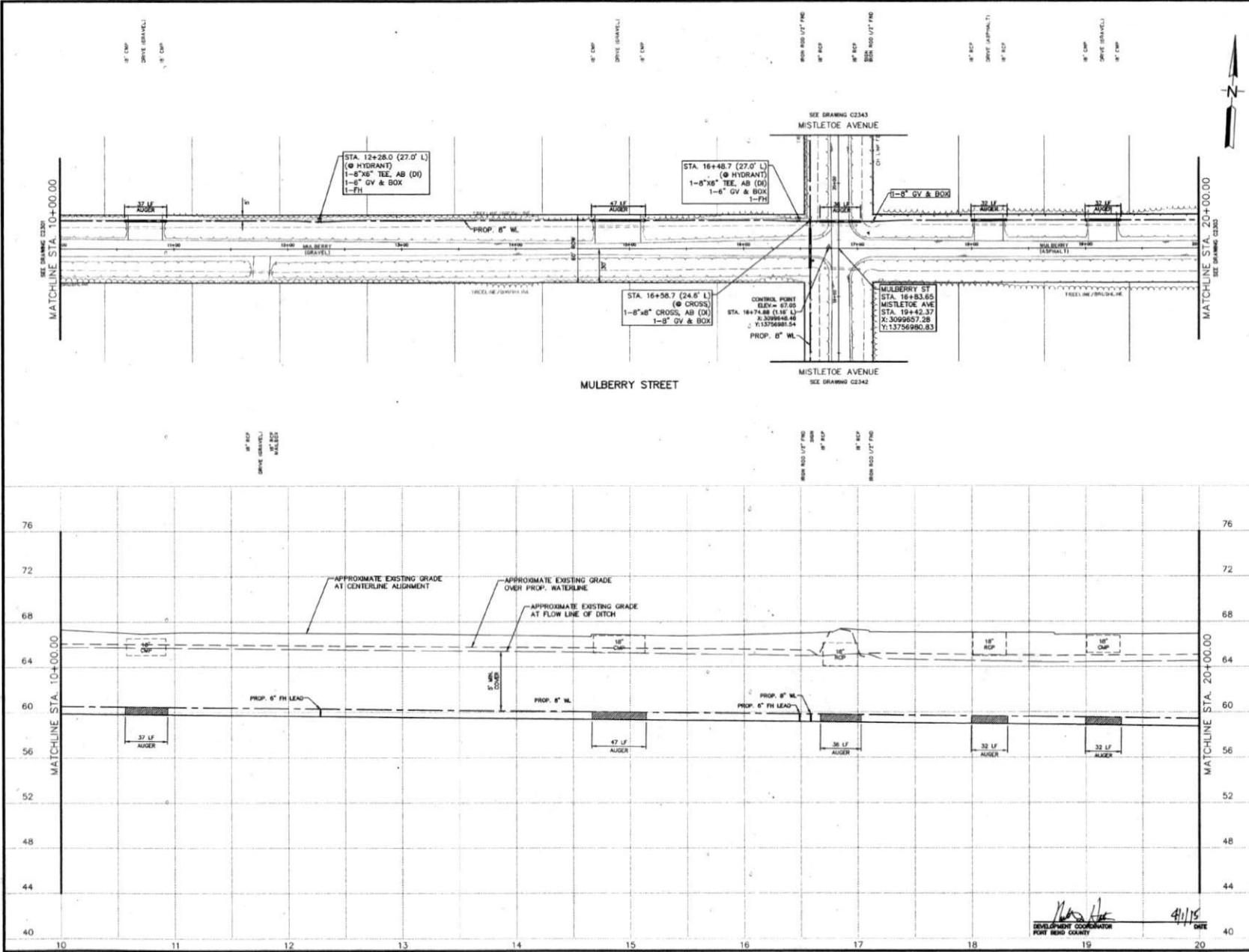
THE STATE OF TEXAS
 COUNTY OF DALLAS
 97556
Thomas
 JACOBS ENGINEERING GROUP, INC.
 1909 ROODGERDALE ROAD
 HOUSTON, TEXAS 77072
 TEXAS REGISTRATION NO. 037815

JACOBS
 1909 ROODGERDALE ROAD
 HOUSTON, TEXAS 77072
 WWW.JACOBS.COM

PORT BEND COUNTY FRESHWATER SUPPLY DISTRICT INC. 1
PEARLAND
 PHASE B
 WATERLINE IMPROVEMENTS

MULBERRY STREET
 STA. 10+00.00 TO STA. 20+00.00

PROJECT NO: W00007514 Date: APR. 2014 SHEET: 57
 DRAWN: W. JOUETTE V: 1"=40' OF: 80
 CHECKED: J. APPELDATE V: 1"=4" OF: 80
 DESIGNED: G. SMITH C2302 OF: 80



Muel
 DEVELOPMENT COORDINATOR
 PORT BEND COUNTY
 4/1/15 DATE



FOR BURIED UTILITY INFORMATION
 TWO (2) BUSINESS DAYS
 BEFORE YOU DIG CALL 811
 (OR 1-800-545-6000 Texas811)
 (OR 1-800-888-8344 Lone Star 811)
 UTILITY INFORMATION CALL
 www.texas811.org
 www.lonestar811.com

PROJECT BENCHMARK:
 NGS DESIGNATED W 588
 DISK FOUND IN TOP AND APPROXIMATELY 18 FEET EAST OF
 WEST END OF SOUTH CONCRETE HEADWALL OF AN 8" PIPE 1
 COLVET UNDER STATE ROUTE 588, AT JUNCTION OF DALLAS
 ROAD EAST APPROXIMATELY 38 FEET EAST OF THE
 CENTERLINE OF STATE ROUTE 588 AND 15 FEET SOUTH OF THE
 CENTERLINE OF DALLAS RD.
 ELEVATION TO 70 FEET (BAYD 88)

- NOTES:
- CONTRACTOR SHALL PROVIDE ACCESS TO HOMES AT ALL TIMES.
 - CONTRACTOR SHALL RETURN DITCHES TO PRE-CONSTRUCTION CONDITIONS OR BETTER UNLESS NOTED OTHERWISE.
 - FIRE HYDRANTS TO BE INSTALLED 3' OFF R-0-W LINE UNLESS NOTED OTHERWISE.
 - ALL INTERSECTIONS CROSSING COUNTY STREETS, INCLUDING LEADS, SHALL BE AUGERED AT LEAST 5' EACH SIDE OF PAVEMENT.

TO ARRANGE FOR LINES TO BE TURNED OFF OR MOVED, CALL CENTERPOINT ENERGY AT 713-207-2222
NOTICE:
 For your safety, you are required to check for 811 at least 48 hours before you dig so that underground lines can be marked. This verification does not fulfill your obligation to call 811.

VERIFICATION OF PRIVATE UTILITY LINES
 Signature: *Home* Date: 4/15/15
 Certified Energy/UNDERGROUND Electrical Facilities Verification ONLY
 (This Signature verifies existing underground facilities - will be used for correct verification.) Signature Valid for six months.

Signature: *Home* Date: 4/15/15
 Certified Energy/UNDERGROUND Electrical Facilities Verification ONLY
 (This Signature verifies existing underground facilities - will be used for correct verification.) Signature Valid for six months.

Signature: *2122* Date: 4-8-15
 Approved for AT&T Texas E911 underground marked facilities ONLY.
 Signature Valid for one year.

NO.	DESCRIPTION	DATE	DWN.	CHK.

DAVID CHARLES DENNA, JR.
 91708
 03/04/15
 TEXAS REGISTRATION NO. 0174

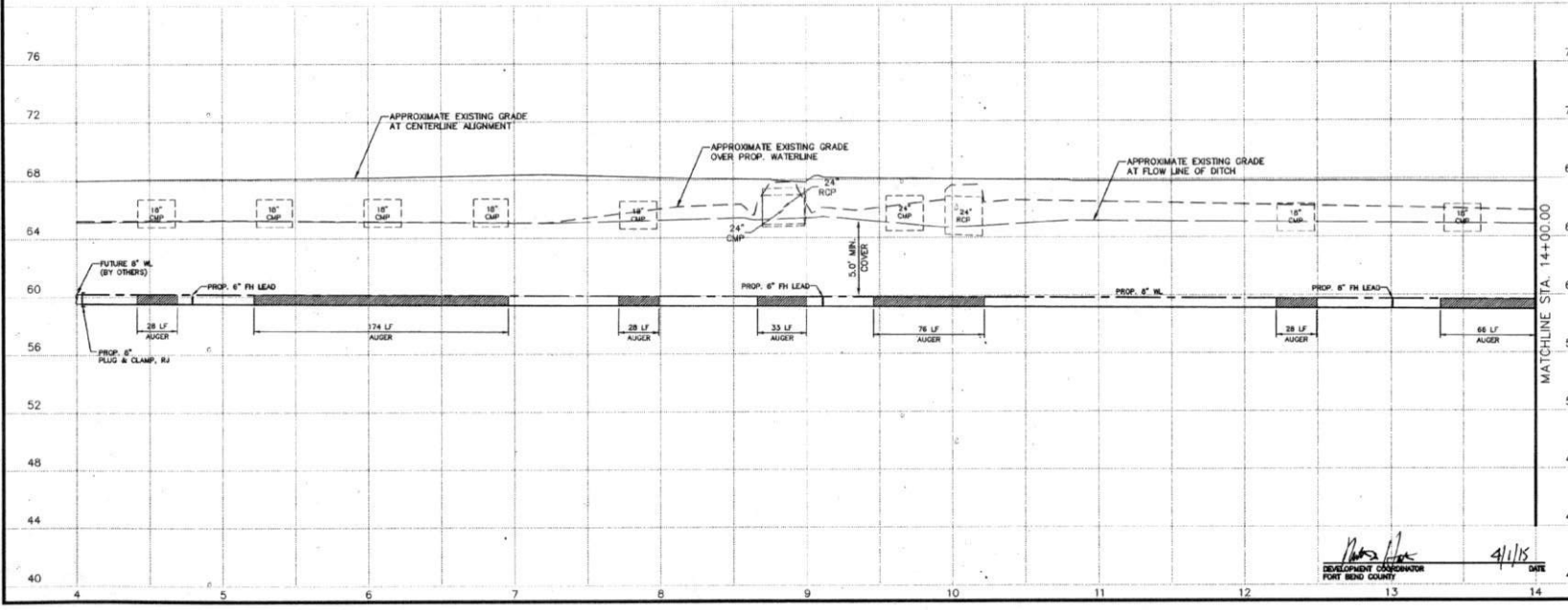
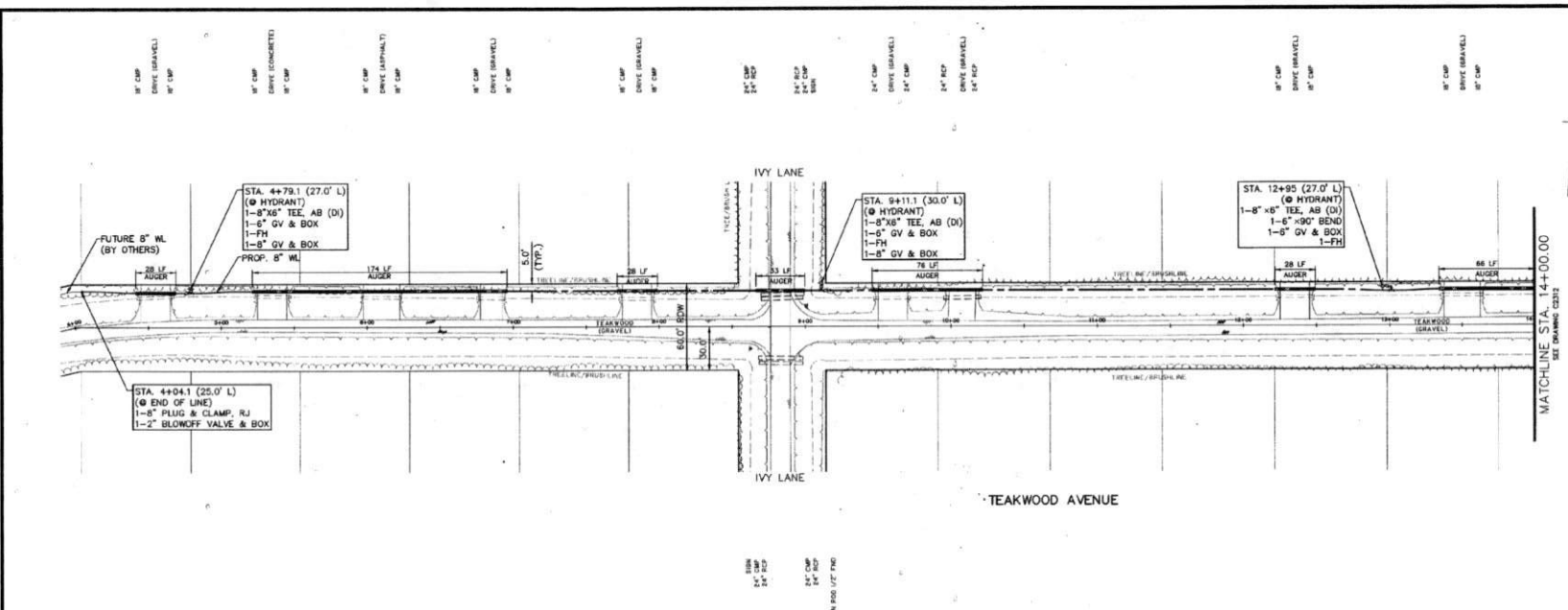
JACOBS
 3905 RICHOSSA ROAD
 HOUSTON, TEXAS 77072
 MARK 832.91.8000

PEARLAND
 FORT BEND COUNTY FRESHWATER
 SUPPLY DISTRICT NO. 1
 PHASE II -
 WATERLINE IMPROVEMENTS

TEAKWOOD AVENUE
 STA. 4+00.00 TO STA. 14+00.00

PROJECT: WH0407514 Date: 4/15/15
 DATE: APR. 2014 Scale: 1" = 40'
 DESIGN: W. GODETTE Drawing No.: C2311
 CHECKED: J. SPOFFORD
 D. SMITH

SHEET
 OF 86



4/1/15
 DATE



FOR BURIED UTILITY INFORMATION
TWO (2) BUSINESS DAYS
BEFORE YOU DIG CALL 811
 (OR 1-800-545-8000, TOLLFREE) (OR 1-800-688-8344, Lone Star 811)
 UTILITY NOTIFICATION ONE CALL
 www.onecall11.org
 www.lonestar811.com

PROJECT BENCHMARK:
 NGS DESIGNATED M 568
 BENCHMARK FOUND IN TOP AND APPROXIMATELY 18 FEET EAST OF
 WEST END OF SOUTH CONCRETE HEADWALL OF AN 18" PIPE
 COLLECTOR UNDER STATE ROUTE 288 AT JUNCTION OF GALLAS ST.,
 ROAD EAST APPROXIMATELY 38 FEET EAST OF THE
 CENTERLINE OF STATE ROUTE 288 AND 13 FEET SOUTH OF THE
 CENTERLINE OF GALLAS RD.
 ELEVATION 70.70 FEET (NAVD 88)

- NOTES:
- CONTRACTOR SHALL PROVIDE ACCESS TO HOMES AT ALL TIMES.
 - CONTRACTOR SHALL RETURN DITCHES TO PRE-CONSTRUCTION CONDITIONS OR BETTER UNLESS NOTED OTHERWISE.
 - FIRE HYDRANTS TO BE INSTALLED 3' OFF 8'-0" R.O.W. LINE, UNLESS NOTED OTHERWISE.
 - ALL WATERLEADS CROSSING COUNTY STREETS, INCLUDING LEADS, SHALL BE AUGERED AT LEAST 3' EACH SIDE OF PARALLEL.

TO ARRANGE FOR LINES TO BE TURNED OFF OR MOVED, CALL CENTERPOINT ENERGY AT 713-267-2222
NOTICE:
 For your safety, you are required by Texas Law to call 811 at least 48 hours before any excavation. The verification line can be marked. The Verification does not limit your obligation to call 811.

VERIFICATION OF PRIVATE UTILITY LINES

Signature: _____ Date: 4/15/15
 Certified Energy/Natural Gas Facilities Verification Only.
 (This Signature reflects that you have shown CPEP Natural Gas lines consistently to be used for conflict resolution.) (Date service lines are NOT shown.)
 Signature Valid for six months.

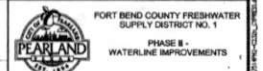
Signature: _____ Date: 4/15/15
 Certified Energy/UNDERGROUND Electrical Facilities Verification Only.
 (This Signature reflects existing underground facilities - not to be used for conflict resolution.) (Signature valid for six months.)

Signature: _____ Date: 4/15/15
 Approved by AT&T Texas SWIFT underground conductive facilities ONLY.
 Signature Valid for one year.

MR. DESCRIPTION	DATE	DWN.	CHK.



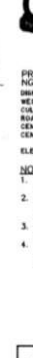
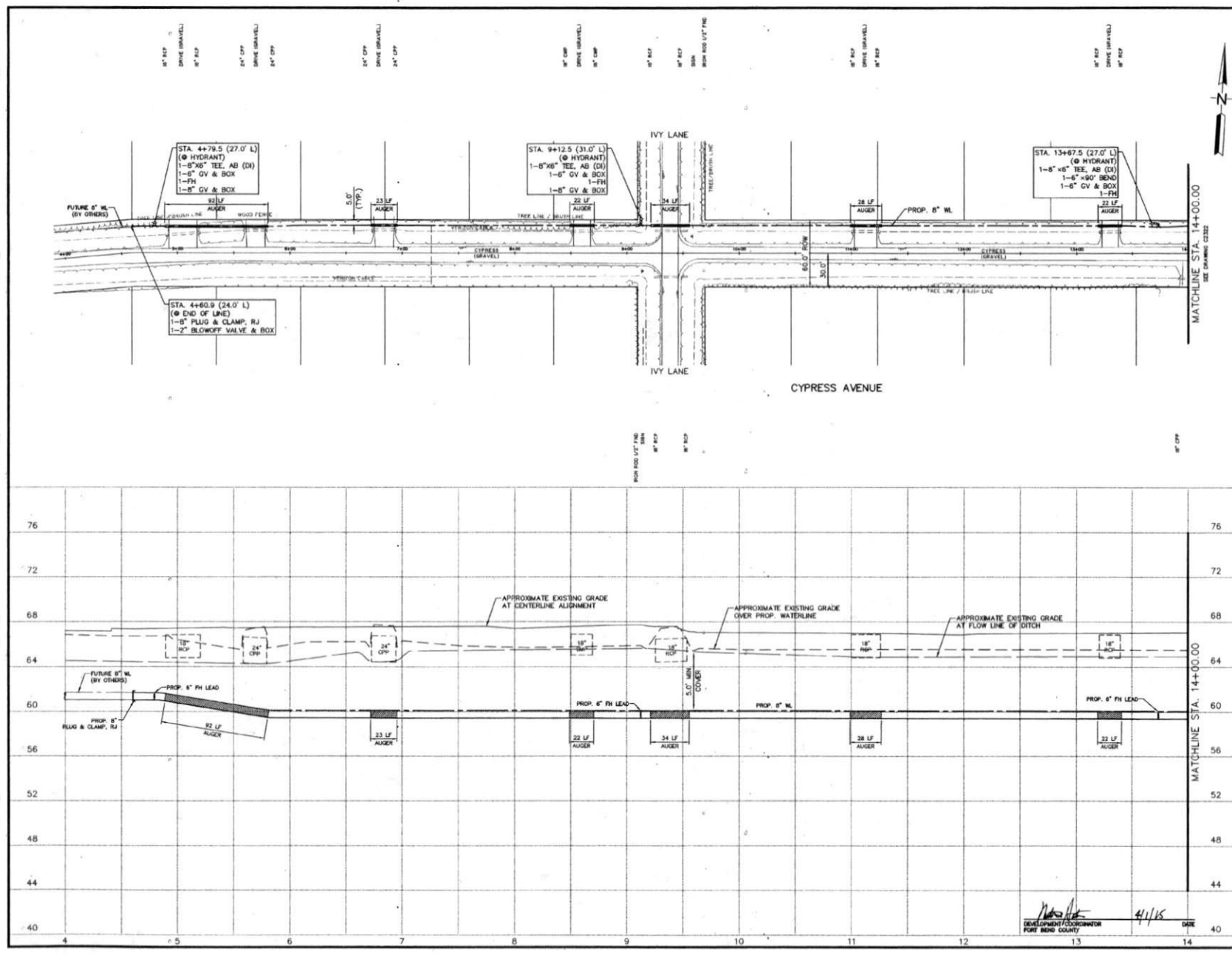
JACOBS
 2885 HOOVERDALE ROAD
 HOUSTON, TEXAS 77072
 PHONE 832.361.8800



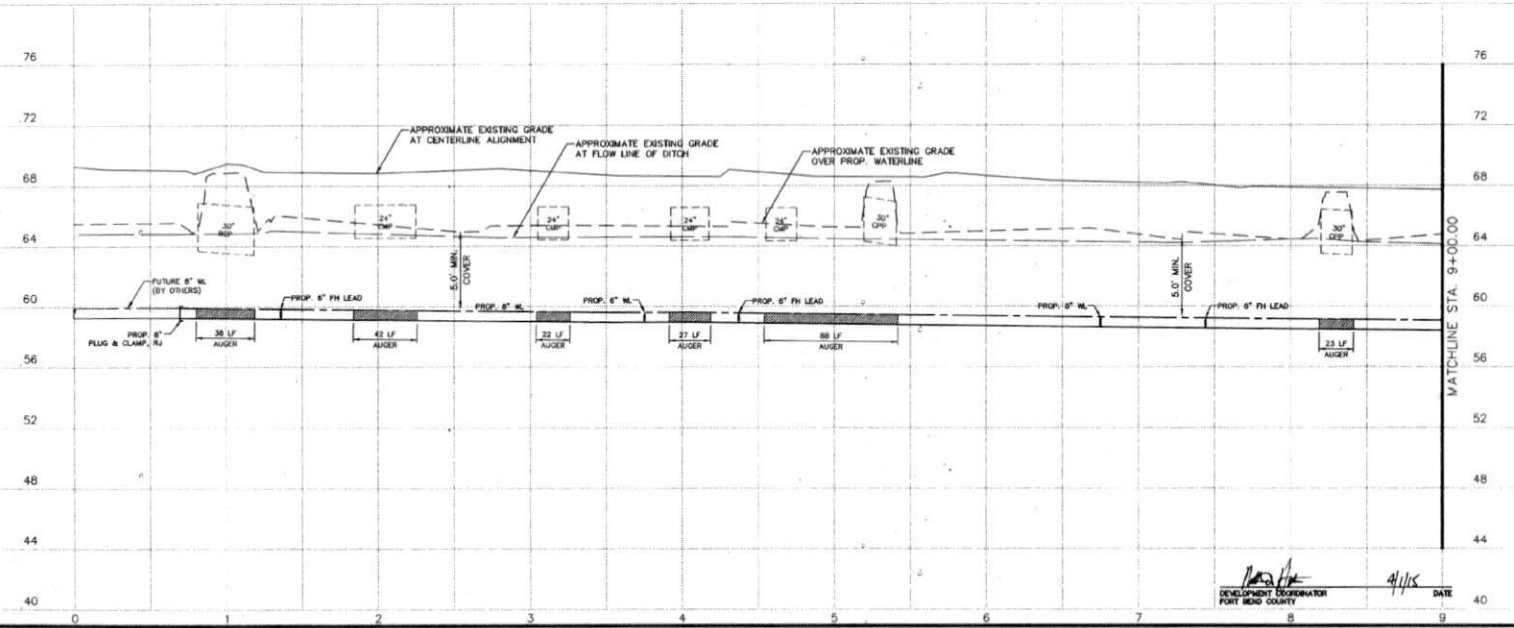
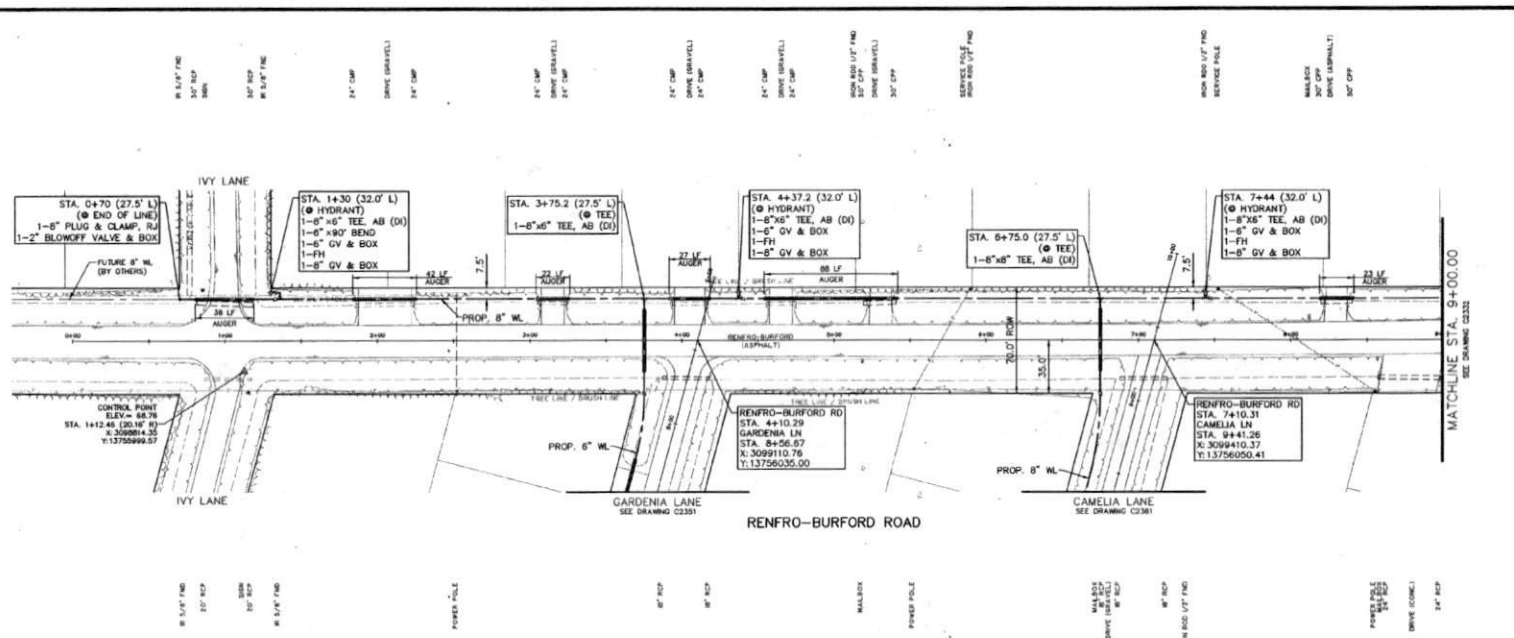
PORT BEND COUNTY FRESHWATER SUPPLY DISTRICT NO. 1
 PHASE 8 - WATERLINE IMPROVEMENTS

CYPRESS AVENUE
 STA. 4+00.00 TO STA. 14+00.00
 PROJECT NO: W00070314
 DATE: APRIL 2014
 DRAWN BY: G. SMITH
 CHECKED BY: J. APPELGAATE
 DATE: 4/15

SHEET
62
 OF 86



DATE	BY	APP. DATE	DATE
APR 2014	G. SMITH	4/15	4/15



811 FOR BURIED UTILITY INFORMATION
 TWO (2) BUSINESS DAYS
 BEFORE YOU DIG CALL 811
 (OR 1-800-485-6000 TOLL-FREE)
 (OR 1-800-988-8344 Lone Star 811)
 UTILITY NOTIFICATION ONE CALL
 www.811.com
 www.lonestar811.com

PROJECT BENCHMARK:
 NGS DESIGNATED M 658
 BEING FOUND IN TOP AND APPROXIMATELY 18 FEET EAST OF
 WEST END OF SOUTH CONCRETE HEADWALL OF AN 8" PIPE
 CULVERT UNDER STATE ROUTE 288, AT JUNCTION OF SOUTH
 ROAD EAST, APPROXIMATELY 38 FEET EAST OF THE
 CENTERLINE OF STATE ROUTE 288 AND 13 FEET SOUTH OF THE
 CENTERLINE OF DALLAS RD.
 ELEVATION TO 70 FEET (MAY 98)

NOTES:
 1. CONTRACTOR SHALL RETURN ACCESS TO HOMES
 AT ALL TIMES.
 2. CONTRACTOR SHALL RETURN DITCHES TO
 PRE-CONSTRUCTION CONDITIONS OR BETTER
 UNLESS NOTED OTHERWISE.
 3. FIRE HYDRANTS TO BE INSTALLED 3' OFF
 8'-0" W LINE, UNLESS NOTED OTHERWISE.
 4. ALL WATERLINES CROSSING COUNTY STREETS,
 INCLUDING LEADS, SHALL BE AUGURED AT LEAST
 5' EACH SIDE OF PAVEMENT.

TO ARRANGE FOR LINES TO BE TURNED OFF OR
 MOVED, CALL CENTERPOINT EMERGENCY AT 713-207-2222
 AT ALL TIMES.
 NOTICE:
 For your safety, you are required by Texas Law to call 811 at least 48 hours
 before you dig so that underground utilities can be marked. This verification does
 not make your computer to call 811.
 VERIFICATION OF PRIVATE UTILITY LINES

Signature Date *4/15*
 Centerpoint Energy/Natural Gas Facilities Verification ONLY
 (This signature certifies that you have shown CPEP marked lines have correctly
 not to be used for utility verification. (Site service lines are NOT shown.)
 Signature valid for six months.

Signature Date *4/15*
 Centerpoint Energy/Electrical Facilities Verification ONLY
 (This signature certifies existing underground facilities - not to be used for
 utility verification. Signature valid for six months.)

Signature Date *4-11*
 Approved by AT&T Texas DWBT underground conduit facilities ONLY
 Signature valid for one year

NO.	DESCRIPTION	DATE	ENR.	CHK.

STATE OF TEXAS
 COUNTY OF FORT BEND
 JACOBS ENGINEERING GROUP, P.C.
 TEXAS REGISTRATION NO. 9734
 03/26/15

JACOBS
 3865 ROSSDALE ROAD
 HOUSTON TEXAS 77072
 MAIN 409.8600

PORT BEND COUNTY FRESHWATER
 SUPPLY DISTRICT NO. 1
 PHASE II
 WATERLINE IMPROVEMENTS

RENFRO-BURFORD ROAD
 STA. 0+00.00 TO STA. 9+00.00

PROJECT NO: W0007514
 DATE: APR. 2014
 DRAWN: K. SACKETT
 CHECKED: J. APPELGAATE
 DESIGNED: D. SMITH

SCALE: H: 1" = 40'
 V: 1" = 4'
 SHEET: 65 OF 88
 C2331

DATE: 4/15

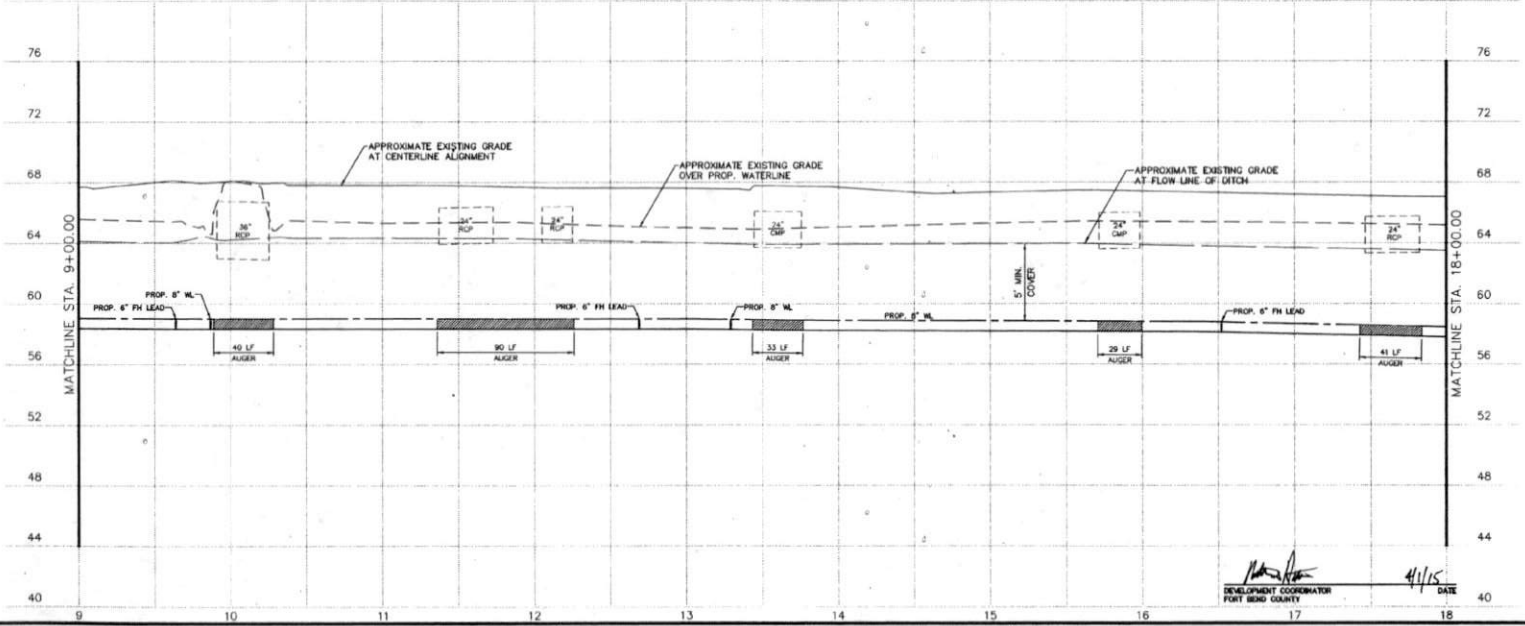
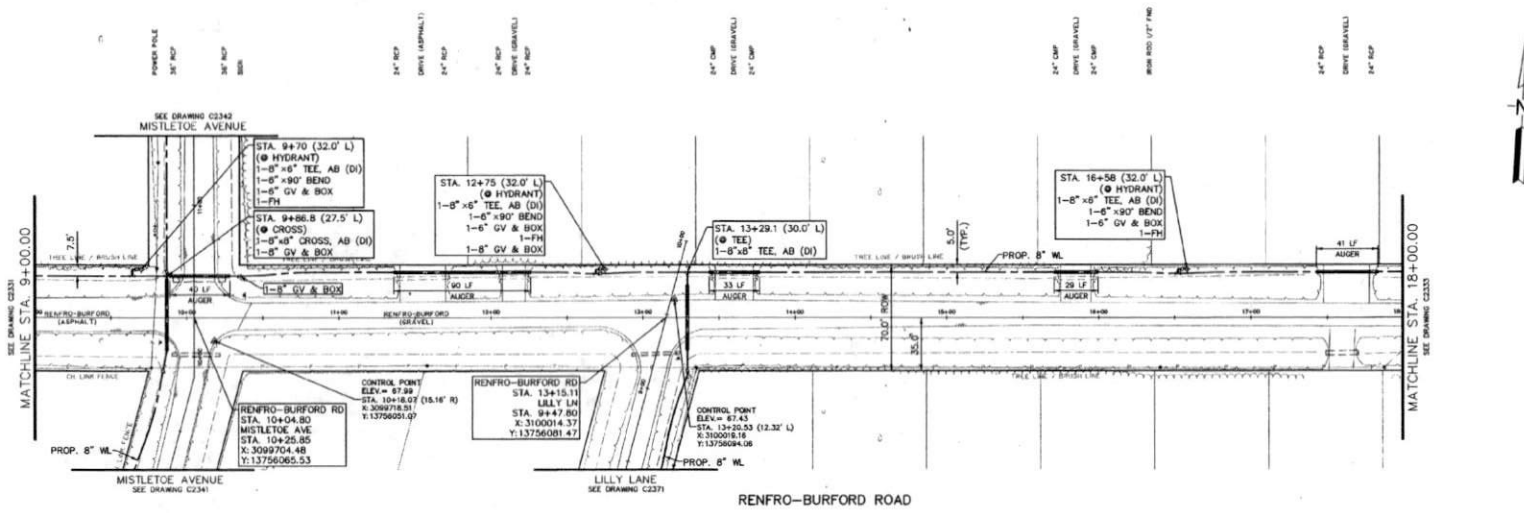
811 FOR BURIED UTILITY INFORMATION
 TWO (2) BUSINESS DAYS
 BEFORE YOU DIG. CALL 811
 (OR 1-800-545-8005 Texas 811)
 (OR 1-800-869-8344 Lone Star 811)
 UTILITY INDICATORS: ONE CALL
 www.onecall.org
 www.texas811.com

PROJECT BENCHMARK
 NGS DESIGNATED M 666
 USE PLUMB IN 1" P. LINE APPROXIMATELY 18 FEET EAST OF
 WEST END OF SOUTH CONCRETE HEADWALL OF AN 8" PIPE
 CULVERT UNDER STATE ROUTE 288 AT JUNCTION OF DALLAS
 ROAD EAST APPROXIMATELY 38 FEET EAST OF THE
 CENTERLINE OF STATE ROUTE 288 AND 19 FEET SOUTH OF THE
 CENTERLINE OF DALLAS RD
 ELEVATION TO 70 FEET (NAVD 88)

- NOTES:
- CONTRACTOR SHALL PROVIDE ACCESS TO HOMES AT ALL TIMES
 - CONTRACTOR SHALL RETURN DITCHES TO PRE-CONSTRUCTION CONDITIONS OR BETTER UNLESS NOTED OTHERWISE
 - FIRE HYDRANTS TO BE INSTALLED 3' OFF R.O.-W LINE, UNLESS NOTED OTHERWISE
 - ALL WATERLINES CROSSING COUNTY STREETS INCLUDING LEADS, SHALL BE AUGERED AT LEAST 5' EACH SIDE OF PAVEMENT

TO ARRANGE FOR LINES TO BE TURNED OFF OR MOVED, CALL CENTERPOINT ENERGY AT 713-261-2222
NOTICE:
 For your safety, you are required by Texas law to call 811 at least 48 hours before you dig to find underground lines that can be marked. This verification does not fully verify or confirm the location of lines. (This service is not available for use on all lines.)
 VERIFICATION OF PRIVATE UTILITY LINES

Home Date 4/8/15
 CenterPoint Energy (Gas Facilities Verification ONLY)
 (This signature verifies that you have called 811 before you dig and that you have verified the location of lines.) (This service is not available for use on all lines.)
 Home Date 4/8/15
 Home Date 4/8/15
 Approved by AT&T Texas 811® underground conduit facilities ONLY.
 Signature valid for one year.



DEVELOPMENT COORDINATOR
 FORT BEND COUNTY
 DATE 4/15

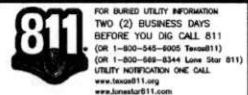
Professional Engineer Seal for **Justin L. Ostelich**, License No. 19756, State of Texas. The seal includes the text 'STATE OF TEXAS', '19756', and 'OSTELICH'.

JACOBS
 5965 RIDGECREST ROAD
 HOUSTON, TEXAS 77072
 MAIN 832.351.8000

PORT BEND COUNTY FRESHWATER SUPPLY DISTRICT NO. 1
 PHASE II - WATERLINE IMPROVEMENTS

RENFRO-BURFORD ROAD
 STA. 9+00.00 TO STA. 18+00.00

PROJECT NO. WH04-17214 Date: 1" = 40'
 DATE: APR. 2014 V: 1" = 4'
 DRAWN: W. LOCKETTE Drawing No. C2332
 CHECKED: J. APPELLATE SHEET 66 OF 86



PROJECT BENCHMARK: NGS DESIGNATED M 668
ONE FOUND IN TOP AND APPROXIMATELY 18 FEET EAST OF WEST END OF SOUTH CONCRETE ADWALL OF AN 8" DIAMETER CULVERT UNDER STATE ROUTE 586 AT JUNCTION OF DALLAS ROAD EAST, APPROXIMATELY 39 FEET EAST OF THE CENTERLINE OF STATE ROUTE 288 AND 15 FEET SOUTH OF THE CENTERLINE OF DALLAS RD.
ELEVATION TO 70 FEET (NAVD 86)

- NOTES:
- CONTRACTOR SHALL PROVIDE ACCESS TO HOMES AT ALL TIMES.
 - CONTRACTOR SHALL RETURN DITCHES TO PRE-CONSTRUCTION CONDITIONS OR BETTER UNLESS NOTED OTHERWISE.
 - FIRE HYDRANTS TO BE INSTALLED 3' OFF R-0-R LINE, UNLESS NOTED OTHERWISE.
 - ALL WATERLINES CROSSING COUNTY STREETS, INCLUDING LEADS, SHALL BE AUGERED AT LEAST 5' EACH SIDE OF PAVEMENT.

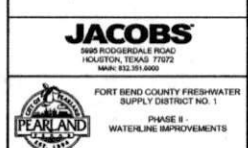
TO ARRANGE FOR LINES TO BE TURNED OFF OR MOVED, CALL CENTERPOINT ENERGY AT 713-207-2222
NOTICE:
For your safety, you are required by Texas Law to call 811 at least 48 hours before you dig or install underground lines. This Verification does not fulfill your obligation to call 811.

VERIFICATION OF PRIVATE UTILITY LINES

[Signature] Date *4/15*
Certified Emerg/Underground Electrical Facilities Verifier ONLY
(This Signature certifies that you have viewed CIPF before Gas lines country and to be used for conduit verification.) (Gas service lines are NOT shown.)
Signature Valid for one month.

[Signature] Date *4/15*
Certified Emerg/Underground Electrical Facilities Verifier ONLY
(This Signature certifies existing underground facilities - not to be used for conduit verification.) (Signature Valid for one month.)
Signature Valid for one year.

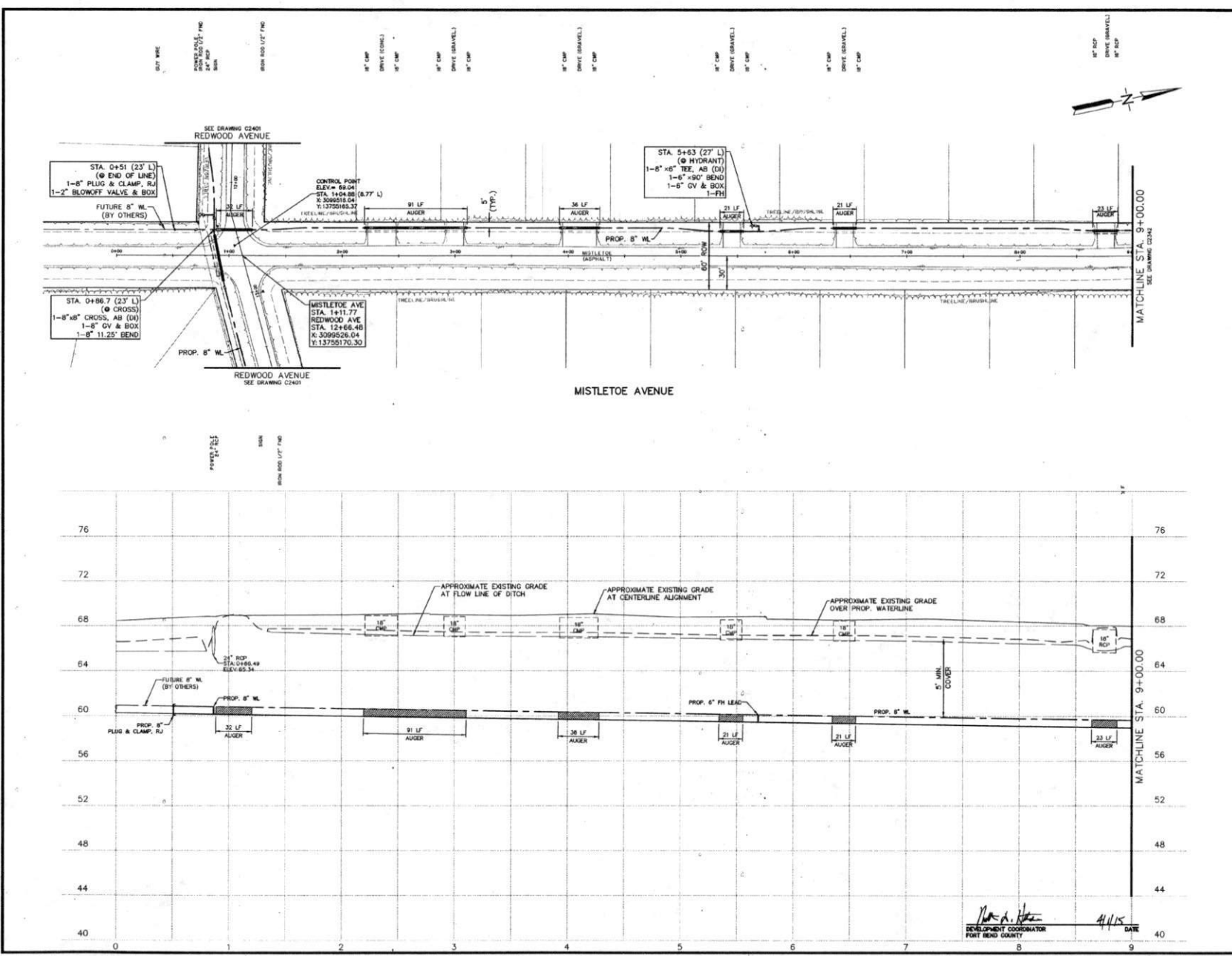
ML. DESCRIPTION	DATE	DWN.	CHK.



MISTLETOE AVENUE
STA. 0+00.00 TO STA. 9+00.00

PROJECT NO.: WH047514 Date: 01' = 40'
DATE: APRIL 2014 01' = 4'
DESIGN: W. GONNETTE Drawing No.:
DRAWN: J. APPELGATE C2341
CHECKED: G. SMITH

SHEET
68
OF 86



[Signature] 4/15
DEVELOPMENT COORDINATOR
FORT BEND COUNTY

PROJECT BENCHMARK:
 NGS DESIGNATED M-698
 BENCH FOUND IN TOP AND APPROXIMATELY 1.8 FEET EAST OF
 WEST END OF SOUTH CONCRETE HEADWALL OF AN 8" PIPE
 CULVERT UNDER STATE ROUTE 288, AT JUNCTION OF DALLAS
 ROAD EAST APPROXIMATELY 39 FEET EAST OF THE
 CENTERLINE OF STATE ROUTE 288 AND 13 FEET SOUTH OF THE
 CENTERLINE OF DALLAS RD
 ELEVATION TO 70 FEET (NAVD 88)

- NOTES:
1. CONTRACTOR SHALL PROVIDE ACCESS TO HOMES AT ALL TIMES.
 2. CONTRACTOR SHALL RETURN DITCHES TO PRE-CONSTRUCTION CONDITIONS OR BETTER UNLESS NOTED OTHERWISE.
 3. FIRE HYDRANTS TO BE INSTALLED 3' OFF 8'-0" W. LINE UNLESS NOTED OTHERWISE.
 4. ALL WATERLINES CROSSING COUNTY STREETS, INCLUDING LEADS, SHALL BE AUGERED AT LEAST 5' EACH SIDE OF PAVEMENT.

TO ARRANGE FOR LINES TO BE TURNED OFF OR MOVED, CALL CENTERPOINT ENERGY AT 713-207-2222
NOTICE:
 For your safety, you are required by Texas law to call 811 at least 48 hours before you dig in the underground area to be worked. This verification does not absolve your obligation to call 811.

VERIFICATION OF PRIVATE UTILITY LINES
 Signature: *[Signature]* Date: 4/6/15
 CenterPoint Energy/Natural Gas Facilities Verification ONLY
 (The signature verifies existing underground facilities, not to be used for conflict verification.) (See service areas and NOT shown.)
 Signature valid for six months.

Signature: *[Signature]* Date: 4/6/15
 CenterPoint Energy/UNDERGROUND Electrical Facilities Verification ONLY
 (The signature verifies existing underground facilities, not to be used for conflict verification.) (Signature valid for six months.)

Signature: *[Signature]* Date: 4/9/15
 Approved by AT&T Texas SWIFT underground conduit facilities ONLY
 Signature valid for one year.

DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE

NO.	DESCRIPTION	DATE	ENCL.	CHK.

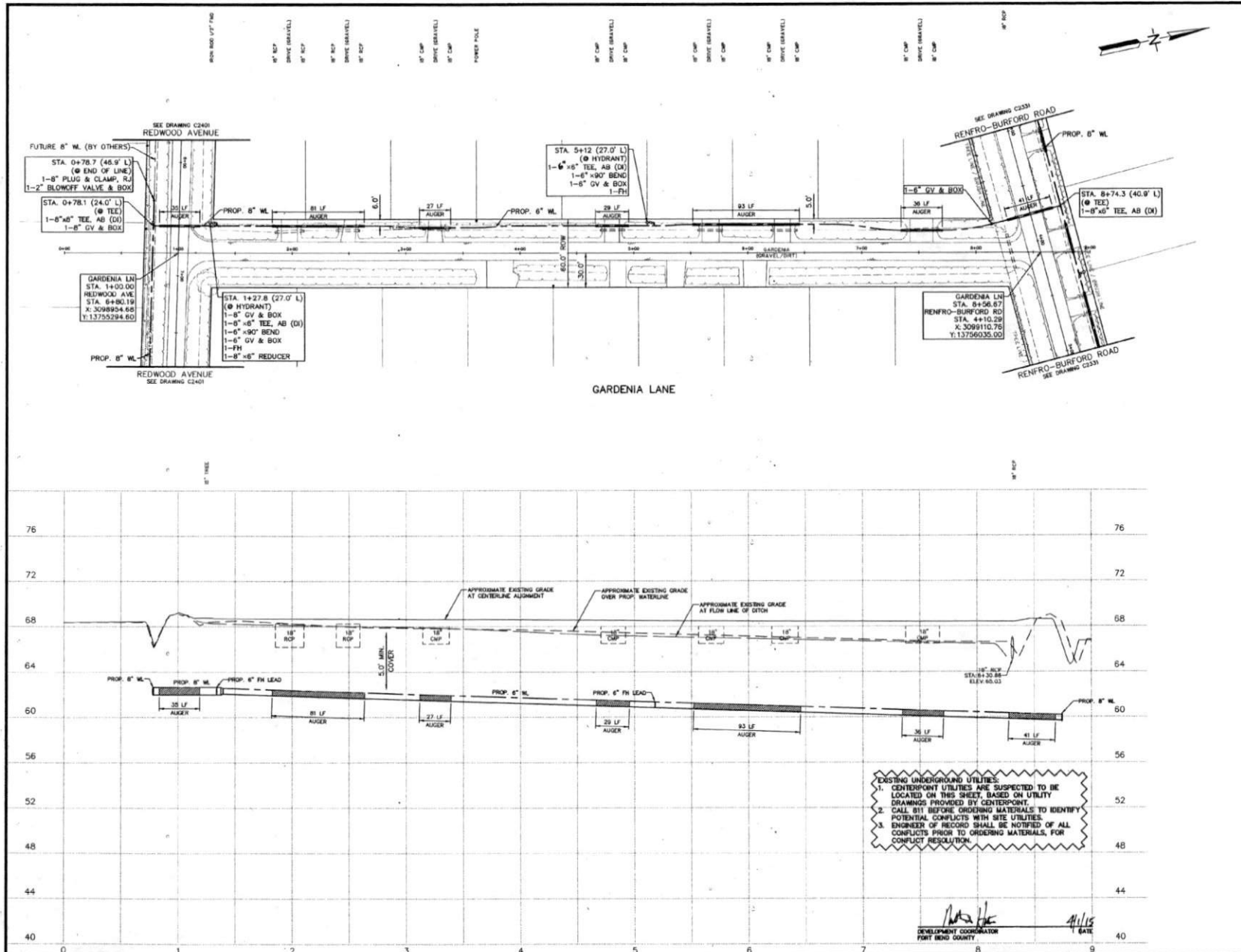
SEAL OF THE STATE OF TEXAS
 JACOBS ENGINEERING GROUP, P.C.
 3037215

JACOBS
 3865 ROCKDALE ROAD
 HOUSTON, TEXAS 77072
 MAIN 832.3518/8000

FORT BEND COUNTY FRESHWATER SUPPLY DISTRICT NO. 1
 PHASE B - WATERLINE IMPROVEMENTS

GARDENIA LANE
 STA. 0+00.00 TO STA. 9+00.00

PROJECT NO.: FWD027514	DATE: APRIL 2014	SCALE: H: 1" = 40' V: 1" = 4'	SHEET: 71
DESIGN: W. GODETTE	DRAWING NO.: C2351	DRAWING BY: J. APPELGAATE	DATE: 08
APPROVED: D. SMITH			



EXISTING UNDERGROUND UTILITIES:
 1. CENTERPOINT UTILITIES ARE SUSPECTED TO BE LOCATED ON THIS SHEET, BASED ON UTILITY DRAWINGS PROVIDED BY CENTERPOINT.
 2. CALL 811 BEFORE ORDERING MATERIALS TO IDENTIFY POTENTIAL CONFLICTS WITH SITE UTILITIES.
 3. ENGINEER OF RECORD SHALL BE NOTIFIED OF ALL CONFLICTS PRIOR TO ORDERING MATERIALS, FOR CONFLICT RESOLUTION.

DEVELOPMENT COORDINATOR
 FORT BEND COUNTY
 Signature: *[Signature]* Date: 4/15/15

PROJECT BENCHMARK:
 NCS DESIGNATED M 568
 MARK FOUND IN TOP AND APPROXIMATELY 18 FEET EAST OF
 WEST END OF SOUTH CONCRETE HEADWALL OF AN 40" PIPE
 DUCTILE IRON UNDER STATE ROUTE 288, AT JUNCTION OF DALLAS
 ROAD EAST APPROXIMATELY 39 FEET EAST OF THE
 CENTERLINE OF STATE ROUTE 288 AND 13 FEET SOUTH OF THE
 CENTERLINE OF DALLAS RD.

- ELEVATION TO FEET (NAD 83)
- NOTES:
1. CONTRACTOR SHALL PROVIDE ACCESS TO HOMES AT ALL TIMES.
 2. CONTRACTOR SHALL RETURN DITCHES TO PRE-CONSTRUCTION CONDITIONS OR BETTER UNLESS NOTED OTHERWISE.
 3. FIRE HYDRANTS TO BE INSTALLED 3' OFF R-O-W LINE, UNLESS NOTED OTHERWISE.
 4. ALL WATERLINES CROSSING COUNTY STREETS INCLUDING LEADS, SHALL BE ANCHORED AT LEAST 5' EACH SIDE OF PAVEMENT.

TO ARRANGE FOR LINES TO BE TURNED OFF OR MOVED, CALL CENTERPOINT ENERGY AT 713-201-2222

NOTICE:
 For your safety, you are required by Texas law to call 811 at least 48 hours before you dig at the underground site you plan to excavate. This notification does not hold you liable to call 811.

VERIFICATION OF PRIVATE UTILITY LINES

Home Date *4/1/15*
 Signature of Homeowner

Home Date *4/1/15*
 Signature of Engineer/Geologist/Professional Engineer/Professional Surveyor

Home Date *4/1/15*
 Signature of City/County Engineer/Geologist/Professional Engineer/Professional Surveyor

APPROVED BY CITY/COUNTY ENGINEER/GEOLOGIST/PROFESSIONAL ENGINEER/PROFESSIONAL SURVEYOR

Home Date *4/1/15*
 Signature of City/County Engineer/Geologist/Professional Engineer/Professional Surveyor

NO.	DESCRIPTION	DATE	ENGR.	CHK.

APPROXIMATE EXISTING GRADE AT CENTERLINE ALIGNMENT

APPROXIMATE EXISTING GRADE OVER PROP. WATERLINE

APPROXIMATE EXISTING GRADE AT FLOW LINE OF DITCH



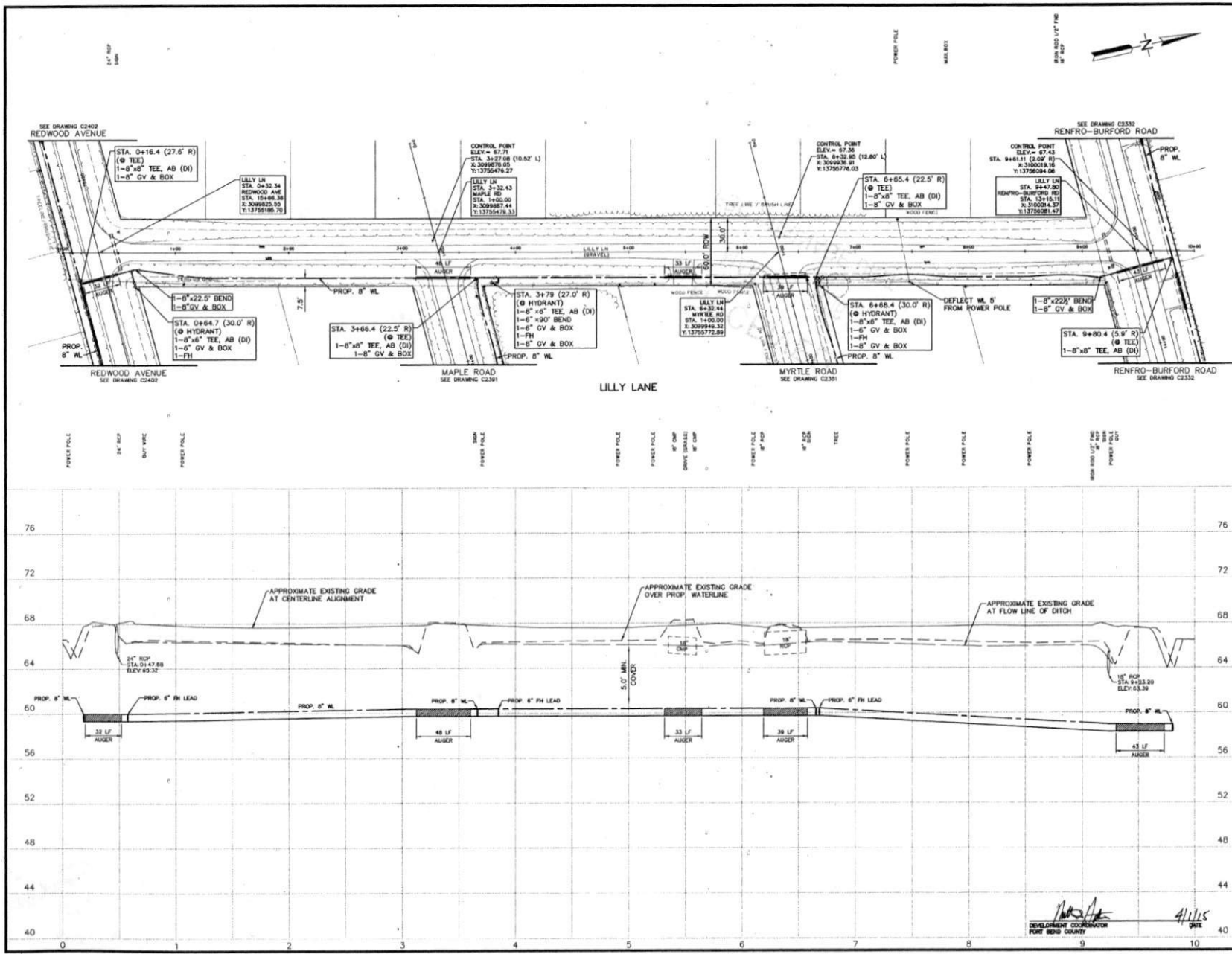
JACOBS
 8608 PEGGERSDALE ROAD
 HOUSTON, TEXAS 77062
 PHONE 832 261 8000

FORT BEND COUNTY FRESHWATER SUPPLY DISTRICT NO. 1
 PHASE B - WATERLINE IMPROVEMENTS

LILLY LANE
 STA. 0+00.00 TO STA. 10+00.00

PROJECT NO. 1600-07514
 DATE: APRIL 2014
 DRAWN BY: G. GOSLETTE
 CHECKED BY: J. APPELGRATE
 DATE: 4/1/15

DEVELOPMENT COORDINATOR
 FORT BEND COUNTY



RECEIVED
MAR 31 2016
FBC DRAINAGE DIST.